

Cover Page

Order ID : Q1574

Project ID : Ave L

Client : G Environmental

Lab Sample Number

Q1574-01
Q1574-02

Client Sample Number

WC1
WC1

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: 3/23/2025

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 #: Q1574

Completed

For thorough review, the report must have the following:

GENERAL:

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

✓

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

✓

Is the chain of custody signed and complete

✓

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

✓

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

✓

COVER PAGE:

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

✓

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

✓

CHAIN OF CUSTODY:

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

✓

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

✓

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

✓

Were the samples received within hold time

✓

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

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: NILESH PRAJAPATI

Date: 03/23/2025

LAB CHRONICLE

OrderID:	Q1574	OrderDate:	3/14/2025 11:25:00 AM
Client:	G Environmental	Project:	Ave L
Contact:	Gary Landis	Location:	I41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1574-01	WC1	SOIL	SVOC-TCL BNA -20	8270E	03/12/25	03/17/25	03/17/25	03/14/25
Q1574-01DL	WC1DL	SOIL	SVOC-TCL BNA -20	8270E	03/12/25	03/17/25	03/17/25	03/14/25

Hit Summary Sheet SW-846

SDG No.: Q1574

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : WC1								
Q1574-01	WC1	SOIL	Phenanthrene	520.000	J	110	870	ug/Kg
Q1574-01	WC1	SOIL	Fluoranthene	830.000	J	150	870	ug/Kg
Q1574-01	WC1	SOIL	Pyrene	580.000	J	180	870	ug/Kg
Q1574-01	WC1	SOIL	Chrysene	550.000	J	100	870	ug/Kg
Q1574-01	WC1	SOIL	Bis(2-ethylhexyl)phthalate	43,100.000	E	300	870	ug/Kg
Total Svoc :				45,580.00				
Q1574-01	WC1	SOIL	n-Hexadecanoic acid	*	1,400.000	J	0	ug/Kg
Q1574-01	WC1	SOIL	Octadecanoic acid	*	2,000.000	J	0	ug/Kg
Q1574-01	WC1	SOIL	Phthalic acid, 4-methylhept-3-yl u	*	3,400.000	J	0	ug/Kg
Q1574-01	WC1	SOIL	Phthalic anhydride	*	720.000	J	0	ug/Kg
Total Tics :				7,520.00				
Total Concentration:				53,100.00				
Client ID : WC1DL								
Q1574-01DL	WC1DL	SOIL	Bis(2-ethylhexyl)phthalate	50,800.000	D	1500	4300	ug/Kg
Total Svoc :				50,800.00				
Total Concentration:				50,800.00				



QC SUMMARY

Surrogate Summary

SW-846

SDG No.: **Q1574**

Client: **G Environmental**

Analytical Method: **8270E**

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB167157BL	PB167157BL	2-Fluorophenol	150	151	101		30 (18)	130 (112)
		Phenol-d6	150	144	96		30 (15)	130 (107)
		Nitrobenzene-d5	100	96.9	97		30 (18)	130 (107)
		2-Fluorobiphenyl	100	97.8	98		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	146	97		30 (10)	130 (116)
		Terphenyl-d14	100	110	110		30 (10)	130 (105)
PB167157BS	PB167157BS	2-Fluorophenol	150	156	104		30 (18)	130 (112)
		Phenol-d6	150	148	98		30 (15)	130 (107)
		Nitrobenzene-d5	100	99.5	100		30 (18)	130 (107)
		2-Fluorobiphenyl	100	96.5	96		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	154	102		30 (10)	130 (116)
		Terphenyl-d14	100	102	102		30 (10)	130 (105)
Q1574-01	WC1	2-Fluorophenol	150	32.7	22	*	30 (18)	130 (112)
		Phenol-d6	150	31.0	21	*	30 (15)	130 (107)
		Nitrobenzene-d5	100	23.6	24	*	30 (18)	130 (107)
		2-Fluorobiphenyl	100	27.2	27	*	30 (20)	130 (109)
		2,4,6-Tribromophenol	150	32.0	21	*	30 (10)	130 (116)
		Terphenyl-d14	100	26.0	26	*	30 (10)	130 (105)
Q1574-01DL	WC1DL	2-Fluorophenol	150	29.2	19	*	30 (18)	130 (112)
		Phenol-d6	150	26.8	18	*	30 (15)	130 (107)
		Nitrobenzene-d5	100	22.1	22	*	30 (18)	130 (107)
		2-Fluorobiphenyl	100	26.3	26	*	30 (20)	130 (109)
		2,4,6-Tribromophenol	150	26.6	18	*	30 (10)	130 (116)
		Terphenyl-d14	100	25.9	26	*	30 (10)	130 (105)
Q1585-01MS	OK-02-03142025MS	2-Fluorophenol	150	92.6	62		30 (18)	130 (112)
		Phenol-d6	150	87.6	58		30 (15)	130 (107)
		Nitrobenzene-d5	100	66.5	67		30 (18)	130 (107)
		2-Fluorobiphenyl	100	73.3	73		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	89.9	60		30 (10)	130 (116)
		Terphenyl-d14	100	62.8	63		30 (10)	130 (105)
Q1585-01MSD	OK-02-03142025MSD	2-Fluorophenol	150	97.1	65		30 (18)	130 (112)
		Phenol-d6	150	90.8	61		30 (15)	130 (107)
		Nitrobenzene-d5	100	69.9	70		30 (18)	130 (107)
		2-Fluorobiphenyl	100	74.6	75		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	95.2	63		30 (10)	130 (116)
		Terphenyl-d14	100	65.5	66		30 (10)	130 (105)

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1574

Client: G Environmental

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	Q1585-01MS	Client Sample ID:	OK-02-03142025MS					DataFile:	BF141980.D		
Benzaldehyde	1000	0	390	ug/Kg	39				20 (10)	160 (86)	
Phenol	1000	0	880	ug/Kg	88				20 (67)	160 (126)	
bis(2-Chloroethyl)ether	1000	0	930	ug/Kg	93				70 (54)	130 (125)	
2-Chlorophenol	1000	0	910	ug/Kg	91				70 (79)	130 (107)	
2-Methylphenol	1000	0	870	ug/Kg	87				70 (66)	130 (122)	
2,2-oxybis(1-Chloropropane)	1000	0	840	ug/Kg	84				70 (65)	130 (110)	
Acetophenone	1000	0	1100	ug/Kg	110				70 (75)	130 (111)	
3+4-Methylphenols	1000	0	870	ug/Kg	87				20 (66)	160 (104)	
N-Nitroso-di-n-propylamine	1000	0	850	ug/Kg	85				70 (59)	130 (119)	
Hexachloroethane	1000	0	890	ug/Kg	89				20 (65)	160 (117)	
Nitrobenzene	1000	0	950	ug/Kg	95				70 (70)	130 (119)	
Isophorone	1000	0	970	ug/Kg	97				70 (76)	130 (122)	
2-Nitrophenol	1000	0	890	ug/Kg	89				70 (54)	130 (145)	
2,4-Dimethylphenol	1000	0	1100	ug/Kg	110				70 (44)	130 (135)	
bis(2-Chloroethoxy)methane	1000	0	940	ug/Kg	94				70 (68)	130 (112)	
2,4-Dichlorophenol	1000	0	890	ug/Kg	89				70 (72)	130 (118)	
Naphthalene	1000	0	930	ug/Kg	93				70 (72)	130 (110)	
4-Chloroaniline	1000	0	330	ug/Kg	33	*			70 (10)	130 (91)	
Hexachlorobutadiene	1000	0	990	ug/Kg	99				70 (66)	130 (114)	
Caprolactam	1000	0	950	ug/Kg	95				20 (51)	160 (134)	
4-Chloro-3-methylphenol	1000	0	810	ug/Kg	81				70 (57)	130 (132)	
2-Methylnaphthalene	1000	0	860	ug/Kg	86				70 (59)	130 (123)	
Hexachlorocyclopentadiene	2100	0	1300	ug/Kg	62				20 (10)	160 (175)	
2,4,6-Trichlorophenol	1000	0	960	ug/Kg	96				70 (72)	130 (117)	
2,4,5-Trichlorophenol	1000	0	970	ug/Kg	97				70 (72)	130 (117)	
1,1-Biphenyl	1000	0	1100	ug/Kg	110				70 (75)	130 (113)	
2-Chloronaphthalene	1000	0	970	ug/Kg	97				70 (67)	130 (118)	
2-Nitroaniline	1000	0	980	ug/Kg	98				70 (69)	130 (127)	
Dimethylphthalate	1000	0	990	ug/Kg	99				70 (70)	130 (113)	
Acenaphthylene	1000	150	1100	ug/Kg	95				70 (79)	130 (118)	
2,6-Dinitrotoluene	1000	0	920	ug/Kg	92				70 (70)	130 (125)	
3-Nitroaniline	1000	0	800	ug/Kg	80				70 (30)	130 (99)	
Acenaphthene	1000	120	980	ug/Kg	86				70 (70)	130 (121)	
2,4-Dinitrophenol	2100	0	580	ug/Kg	28				20 (10)	160 (155)	
4-Nitrophenol	2100	0	2100	ug/Kg	100				20 (45)	160 (133)	
Dibenzofuran	1000	0	950	ug/Kg	95				70 (72)	130 (110)	
2,4-Dinitrotoluene	1000	0	920	ug/Kg	92				70 (55)	130 (128)	
Diethylphthalate	1000	0	940	ug/Kg	94				70 (70)	130 (112)	
4-Chlorophenyl-phenylether	1000	0	920	ug/Kg	92				70 (71)	130 (108)	
Fluorene	1000	200	1100	ug/Kg	90				70 (68)	130 (116)	
4-Nitroaniline	1000	0	850	ug/Kg	85				70 (55)	130 (120)	
4,6-Dinitro-2-methylphenol	1000	0	230	ug/Kg	23	*			70 (10)	130 (160)	
N-Nitrosodiphenylamine	1000	0	950	ug/Kg	95				70 (73)	130 (118)	
4-Bromophenyl-phenylether	1000	0	900	ug/Kg	90				70 (65)	130 (121)	
Hexachlorobenzene	1000	0	910	ug/Kg	91				70 (67)	130 (118)	
Atrazine	1000	0	1200	ug/Kg	120				70 (79)	130 (127)	

() = LABORATORY INHOUSE LIMIT

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1574

Client: G Environmental

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Pentachlorophenol	2100	0	1900	ug/Kg	90				20 (47)	160 (128)	
Phenanthrene	1000	1100	1700	ug/Kg	60	*			70 (52)	130 (128)	
Anthracene	1000	280	1100	ug/Kg	82				70 (62)	130 (124)	
Carbazole	1000	140	1100	ug/Kg	96				70 (59)	130 (119)	
Di-n-butylphthalate	1000	0	940	ug/Kg	94				70 (69)	130 (118)	
Fluoranthene	1000	1300	1800	ug/Kg	50	*			70 (44)	130 (125)	
Pyrene	1000	790	1500	ug/Kg	71				70 (26)	130 (142)	
Butylbenzylphthalate	1000	0	910	ug/Kg	91				70 (64)	130 (126)	
3,3-Dichlorobenzidine	1000	0	890	ug/Kg	89				70 (33)	130 (116)	
Benzo(a)anthracene	1000	630	1300	ug/Kg	67	*			70 (71)	130 (114)	
Chrysene	1000	630	1300	ug/Kg	67	*			70 (57)	130 (121)	
bis(2-Ethylhexyl)phthalate	1000	91.3	930	ug/Kg	84				70 (42)	130 (169)	
Di-n-octyl phthalate	1000	0	1000	ug/Kg	100				70 (23)	130 (175)	
Benzo(b)fluoranthene	1000	640	1400	ug/Kg	76				70 (67)	130 (121)	
Benzo(k)fluoranthene	1000	310	990	ug/Kg	68	*			70 (57)	130 (134)	
Benzo(a)pyrene	1000	570	1300	ug/Kg	73				70 (70)	130 (142)	
Indeno(1,2,3-cd)pyrene	1000	240	1000	ug/Kg	76				70 (40)	130 (129)	
Dibenz(a,h)anthracene	1000	0	880	ug/Kg	88				70 (43)	130 (123)	
Benzo(g,h,i)perylene	1000	310	1000	ug/Kg	69	*			70 (24)	130 (125)	
1,2,4,5-Tetrachlorobenzene	1000	0	1100	ug/Kg	110				70 (69)	130 (124)	
1,4-Dioxane	1000	0	970	ug/Kg	97				20 (46)	160 (112)	
2,3,4,6-Tetrachlorophenol	1000	0	880	ug/Kg	88				70 (69)	130 (112)	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1574

Client: G Environmental

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	Q1585-01MSD	Client Sample ID:	OK-02-03142025MSD					DataFile:	BF141981.D		
Benzaldehyde	1000	0	400	ug/Kg	40		3		20 (10)	160 (86)	30 (20)
Phenol	1000	0	930	ug/Kg	93		6		20 (67)	160 (126)	30 (20)
bis(2-Chloroethyl)ether	1000	0	960	ug/Kg	96		3		70 (54)	130 (125)	30 (20)
2-Chlorophenol	1000	0	940	ug/Kg	94		3		70 (79)	130 (107)	30 (20)
2-Methylphenol	1000	0	900	ug/Kg	90		3		70 (66)	130 (122)	30 (20)
2,2-oxybis(1-Chloropropane)	1000	0	870	ug/Kg	87		4		70 (65)	130 (110)	30 (20)
Acetophenone	1000	0	1100	ug/Kg	110		0		70 (75)	130 (111)	30 (20)
3+4-Methylphenols	1000	0	910	ug/Kg	91		4		20 (66)	160 (104)	30 (20)
N-Nitroso-di-n-propylamine	1000	0	860	ug/Kg	86		1		70 (59)	130 (119)	30 (20)
Hexachloroethane	1000	0	890	ug/Kg	89		0		20 (65)	160 (117)	30 (20)
Nitrobenzene	1000	0	1000	ug/Kg	100		5		70 (70)	130 (119)	30 (20)
Isophorone	1000	0	1000	ug/Kg	100		3		70 (76)	130 (122)	30 (20)
2-Nitrophenol	1000	0	910	ug/Kg	91		2		70 (54)	130 (145)	30 (20)
2,4-Dimethylphenol	1000	0	1200	ug/Kg	120		9		70 (44)	130 (135)	30 (20)
bis(2-Chloroethoxy)methane	1000	0	980	ug/Kg	98		4		70 (68)	130 (112)	30 (20)
2,4-Dichlorophenol	1000	0	940	ug/Kg	94		5		70 (72)	130 (118)	30 (20)
Naphthalene	1000	0	980	ug/Kg	98		5		70 (72)	130 (110)	30 (20)
4-Chloroaniline	1000	0	460	ug/Kg	46	*	33	*	70 (10)	130 (91)	30 (20)
Hexachlorobutadiene	1000	0	1000	ug/Kg	100		1		70 (66)	130 (114)	30 (20)
Caprolactam	1000	0	1000	ug/Kg	100		5		20 (51)	160 (134)	30 (20)
4-Chloro-3-methylphenol	1000	0	860	ug/Kg	86		6		70 (57)	130 (132)	30 (20)
2-Methylnaphthalene	1000	0	900	ug/Kg	90		5		70 (59)	130 (123)	30 (20)
Hexachlorocyclopentadiene	2100	0	900	ug/Kg	43		36	*	20 (10)	160 (175)	30 (20)
2,4,6-Trichlorophenol	1000	0	980	ug/Kg	98		2		70 (72)	130 (117)	30 (20)
2,4,5-Trichlorophenol	1000	0	990	ug/Kg	99		2		70 (72)	130 (117)	30 (20)
1,1-Biphenyl	1000	0	1200	ug/Kg	120		9		70 (75)	130 (113)	30 (20)
2-Chloronaphthalene	1000	0	1000	ug/Kg	100		3		70 (67)	130 (118)	30 (20)
2-Nitroaniline	1000	0	1000	ug/Kg	100		2		70 (69)	130 (127)	30 (20)
Dimethylphthalate	1000	0	1000	ug/Kg	100		1		70 (70)	130 (113)	30 (20)
Acenaphthylene	1000	150	1100	ug/Kg	95		0		70 (79)	130 (118)	30 (20)
2,6-Dinitrotoluene	1000	0	960	ug/Kg	96		4		70 (70)	130 (125)	30 (20)
3-Nitroaniline	1000	0	880	ug/Kg	88		10		70 (30)	130 (99)	30 (20)
Acenaphthene	1000	120	1000	ug/Kg	88		2		70 (70)	130 (121)	30 (20)
2,4-Dinitrophenol	2100	0	470	ug/Kg	22		24		20 (10)	160 (155)	30 (20)
4-Nitrophenol	2100	0	2200	ug/Kg	105		5		20 (45)	160 (133)	30 (20)
Dibenzofuran	1000	0	990	ug/Kg	99		4		70 (72)	130 (110)	30 (20)
2,4-Dinitrotoluene	1000	0	960	ug/Kg	96		4		70 (55)	130 (128)	30 (20)
Diethylphthalate	1000	0	960	ug/Kg	96		2		70 (70)	130 (112)	30 (20)
4-Chlorophenyl-phenylether	1000	0	950	ug/Kg	95		3		70 (71)	130 (108)	30 (20)
Fluorene	1000	200	1100	ug/Kg	90		0		70 (68)	130 (116)	30 (20)
4-Nitroaniline	1000	0	940	ug/Kg	94		10		70 (55)	130 (120)	30 (20)
4,6-Dinitro-2-methylphenol	1000	0	160	ug/Kg	16	*	36	*	70 (10)	130 (160)	30 (20)
N-Nitrosodiphenylamine	1000	0	990	ug/Kg	99		4		70 (73)	130 (118)	30 (20)
4-Bromophenyl-phenylether	1000	0	930	ug/Kg	93		3		70 (65)	130 (121)	30 (20)
Hexachlorobenzene	1000	0	960	ug/Kg	96		5		70 (67)	130 (118)	30 (20)
Atrazine	1000	0	1300	ug/Kg	130		8		70 (79)	130 (127)	30 (20)

() = LABORATORY INHOUSE LIMIT

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1574

Client: G Environmental

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Pentachlorophenol	2100	0	2000	ug/Kg	95		5		20 (47)	160 (128)	30 (20)
Phenanthrene	1000	1100	1800	ug/Kg	70		15		70 (52)	130 (128)	30 (20)
Anthracene	1000	280	1200	ug/Kg	92		11		70 (62)	130 (124)	30 (20)
Carbazole	1000	140	1100	ug/Kg	96		0		70 (59)	130 (119)	30 (20)
Di-n-butylphthalate	1000	0	990	ug/Kg	99		5		70 (69)	130 (118)	30 (20)
Fluoranthene	1000	1300	1900	ug/Kg	60	*	18		70 (44)	130 (125)	30 (20)
Pyrene	1000	790	1600	ug/Kg	81		13		70 (26)	130 (142)	30 (20)
Butylbenzylphthalate	1000	0	970	ug/Kg	97		6		70 (64)	130 (126)	30 (20)
3,3-Dichlorobenzidine	1000	0	980	ug/Kg	98		10		70 (33)	130 (116)	30 (20)
Benzo(a)anthracene	1000	630	1400	ug/Kg	77		14		70 (71)	130 (114)	30 (20)
Chrysene	1000	630	1400	ug/Kg	77		14		70 (57)	130 (121)	30 (20)
bis(2-Ethylhexyl)phthalate	1000	91.3	990	ug/Kg	90		7		70 (42)	130 (169)	30 (20)
Di-n-octyl phthalate	1000	0	1000	ug/Kg	100		0		70 (23)	130 (175)	30 (20)
Benzo(b)fluoranthene	1000	640	1400	ug/Kg	76		0		70 (67)	130 (121)	30 (20)
Benzo(k)fluoranthene	1000	310	1100	ug/Kg	79		15		70 (57)	130 (134)	30 (20)
Benzo(a)pyrene	1000	570	1400	ug/Kg	83		13		70 (70)	130 (142)	30 (20)
Indeno(1,2,3-cd)pyrene	1000	240	1100	ug/Kg	86		12		70 (40)	130 (129)	30 (20)
Dibenz(a,h)anthracene	1000	0	930	ug/Kg	93		6		70 (43)	130 (123)	30 (20)
Benzo(g,h,i)perylene	1000	310	1100	ug/Kg	79		14		70 (24)	130 (125)	30 (20)
1,2,4,5-Tetrachlorobenzene	1000	0	1200	ug/Kg	120		9		70 (69)	130 (124)	30 (20)
1,4-Dioxane	1000	0	1000	ug/Kg	100		3		20 (46)	160 (112)	30 (20)
2,3,4,6-Tetrachlorophenol	1000	0	940	ug/Kg	94		7		70 (69)	130 (112)	30 (20)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1574

Client: G Environmental

Analytical Method: 8270E

DataFile: BP024181.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB167157BS	Benzaldehyde	1700	720	ug/Kg	42				20 (10)	160 (133)	
	Phenol	1700	1600	ug/Kg	94				20 (62)	160 (112)	
	bis(2-Chloroethyl)ether	1700	1500	ug/Kg	88				70 (60)	130 (101)	
	2-Chlorophenol	1700	1600	ug/Kg	94				70 (65)	130 (112)	
	2-Methylphenol	1700	1600	ug/Kg	94				70 (61)	130 (108)	
	2,2-oxybis(1-Chloropropane)	1700	1600	ug/Kg	94				70 (51)	130 (100)	
	Acetophenone	1700	1600	ug/Kg	94				70 (66)	130 (98)	
	3+4-Methylphenols	1700	1600	ug/Kg	94				20 (58)	160 (111)	
	N-Nitroso-di-n-propylamine	1700	1500	ug/Kg	88				70 (63)	130 (95)	
	Hexachloroethane	1700	1500	ug/Kg	88				20 (72)	160 (108)	
	Nitrobenzene	1700	1500	ug/Kg	88				70 (57)	130 (101)	
	Isophorone	1700	1600	ug/Kg	94				70 (59)	130 (99)	
	2-Nitrophenol	1700	1500	ug/Kg	88				70 (61)	130 (111)	
	2,4-Dimethylphenol	1700	2000	ug/Kg	118				70 (46)	130 (141)	
	bis(2-Chloroethoxy)methane	1700	1500	ug/Kg	88				70 (66)	130 (97)	
	2,4-Dichlorophenol	1700	1600	ug/Kg	94				70 (62)	130 (107)	
	Naphthalene	1700	1500	ug/Kg	88				70 (62)	130 (100)	
	4-Chloroaniline	1700	830	ug/Kg	49		*		70 (16)	130 (100)	
	Hexachlorobutadiene	1700	1500	ug/Kg	88				70 (53)	130 (98)	
	Caprolactam	1700	1800	ug/Kg	106				20 (67)	160 (110)	
	4-Chloro-3-methylphenol	1700	1600	ug/Kg	94				70 (58)	130 (112)	
	2-Methylnaphthalene	1700	1400	ug/Kg	82				70 (60)	130 (104)	
	Hexachlorocyclopentadiene	3300	5400	ug/Kg	164		*		20 (45)	160 (165)	
	2,4,6-Trichlorophenol	1700	1600	ug/Kg	94				70 (59)	130 (102)	
	2,4,5-Trichlorophenol	1700	1600	ug/Kg	94				70 (61)	130 (98)	
	1,1-Biphenyl	1700	1600	ug/Kg	94				70 (57)	130 (103)	
	2-Chloronaphthalene	1700	1500	ug/Kg	88				70 (58)	130 (99)	
	2-Nitroaniline	1700	1600	ug/Kg	94				70 (66)	130 (101)	
	Dimethylphthalate	1700	1500	ug/Kg	88				70 (61)	130 (99)	
	Acenaphthylene	1700	1600	ug/Kg	94				70 (63)	130 (101)	
	2,6-Dinitrotoluene	1700	1500	ug/Kg	88				70 (61)	130 (104)	
	3-Nitroaniline	1700	1000	ug/Kg	59		*		70 (28)	130 (100)	
	Acenaphthene	1700	1500	ug/Kg	88				70 (57)	130 (104)	
	2,4-Dinitrophenol	3300	3800	ug/Kg	115				20 (37)	160 (128)	
	4-Nitrophenol	3300	3600	ug/Kg	109				20 (48)	160 (119)	
	Dibenzofuran	1700	1400	ug/Kg	82				70 (63)	130 (99)	
	2,4-Dinitrotoluene	1700	1700	ug/Kg	100				70 (60)	130 (106)	
	Diethylphthalate	1700	1500	ug/Kg	88				70 (60)	130 (101)	
	4-Chlorophenyl-phenylether	1700	1500	ug/Kg	88				70 (58)	130 (98)	
	Fluorene	1700	1500	ug/Kg	88				70 (61)	130 (101)	
	4-Nitroaniline	1700	1500	ug/Kg	88				70 (64)	130 (103)	
	4,6-Dinitro-2-methylphenol	1700	1600	ug/Kg	94				70 (76)	130 (113)	
	N-Nitrosodiphenylamine	1700	1600	ug/Kg	94				70 (71)	130 (99)	
	4-Bromophenyl-phenylether	1700	1500	ug/Kg	88				70 (66)	130 (102)	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1574

Client: G Environmental

Analytical Method: 8270E

DataFile: BP024181.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB167157BS	Hexachlorobenzene	1700	1500	ug/Kg	88				70 (64)	130 (98)	
	Atrazine	1700	2500	ug/Kg	147		*		70 (47)	130 (152)	
	Pentachlorophenol	3300	3400	ug/Kg	103				20 (67)	160 (105)	
	Phenanthrene	1700	1600	ug/Kg	94				70 (59)	130 (103)	
	Anthracene	1700	1600	ug/Kg	94				70 (61)	130 (105)	
	Carbazole	1700	1600	ug/Kg	94				70 (61)	130 (99)	
	Di-n-butylphthalate	1700	1600	ug/Kg	94				70 (58)	130 (104)	
	Fluoranthene	1700	1500	ug/Kg	88				70 (57)	130 (107)	
	Pyrene	1700	1500	ug/Kg	88				70 (59)	130 (103)	
	Butylbenzylphthalate	1700	1600	ug/Kg	94				70 (55)	130 (103)	
	3,3-Dichlorobenzidine	1700	1200	ug/Kg	71				70 (42)	130 (91)	
	Benzo(a)anthracene	1700	1600	ug/Kg	94				70 (60)	130 (102)	
	Chrysene	1700	1500	ug/Kg	88				70 (59)	130 (101)	
	bis(2-Ethylhexyl)phthalate	1700	1600	ug/Kg	94				70 (54)	130 (135)	
	Di-n-octyl phthalate	1700	1500	ug/Kg	88				70 (52)	130 (137)	
	Benzo(b)fluoranthene	1700	1600	ug/Kg	94				70 (62)	130 (109)	
	Benzo(k)fluoranthene	1700	1700	ug/Kg	100				70 (62)	130 (109)	
	Benzo(a)pyrene	1700	1700	ug/Kg	100				70 (63)	130 (103)	
	Indeno(1,2,3-cd)pyrene	1700	1600	ug/Kg	94				70 (63)	130 (101)	
	Dibenz(a,h)anthracene	1700	1600	ug/Kg	94				70 (61)	130 (112)	
	Benzo(g,h,i)perylene	1700	1500	ug/Kg	88				70 (70)	130 (108)	
	1,2,4,5-Tetrachlorobenzene	1700	1600	ug/Kg	94				70 (53)	130 (101)	
	1,4-Dioxane	1700	1400	ug/Kg	82				20 (50)	160 (96)	
	2,3,4,6-Tetrachlorophenol	1700	1500	ug/Kg	88				70 (59)	130 (108)	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167157BL

Lab Name: CHEMTECH

Contract: GENV01

Lab Code: CHEM Case No.: Q1574

SAS No.: Q1574 SDG NO.: Q1574

Lab File ID: BP024180.D

Lab Sample ID: PB167157BL

Instrument ID: BNA_P

Date Extracted: 03/17/2025

Matrix: (soil/water) SOIL

Date Analyzed: 03/18/2025

Level: (low/med) LOW

Time Analyzed: 10:26

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB167157BS	PB167157BS	BP024181.D	03/18/2025
WC1	Q1574-01	BF141982.D	03/17/2025
OK-02-03142025MS	Q1585-01MS	BF141980.D	03/17/2025
OK-02-03142025MSD	Q1585-01MSD	BF141981.D	03/17/2025

COMMENTS: _____



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: GENV01Lab Code: CHEMSAS No.: Q1574SDG NO.: Q1574Lab File ID: BF141896.DDFTPP Injection Date: 03/10/2025Instrument ID: BNA_FDFTPP Injection Time: 10:31

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	22.7
68	Less than 2.0% of mass 69	0.5 (1.9) 1
69	Mass 69 relative abundance	25
70	Less than 2.0% of mass 69	0.2 (0.7) 1
127	10.0 - 80.0% of mass 198	35
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.3
275	10.0 - 60.0% of mass 198	24.4
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	15.5
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.2 (19.2) 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	BF141897.D	03/10/2025	11:01
SSTDICC005	SSTDICC005	BF141898.D	03/10/2025	11:30
SSTDICC010	SSTDICC010	BF141899.D	03/10/2025	12:00
SSTDICC020	SSTDICC020	BF141900.D	03/10/2025	12:29
SSTDICCC040	SSTDICCC040	BF141901.D	03/10/2025	12:58
SSTDICC060	SSTDICC060	BF141903.D	03/10/2025	13:57
SSTDICC080	SSTDICC080	BF141904.D	03/10/2025	14:27
SSTDICC050	SSTDICC050	BF141905.D	03/10/2025	15:20



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: GENV01Lab Code: CHEMSAS No.: Q1574 SDG NO.: Q1574Lab File ID: BF141972.DDFTPP Injection Date: 03/17/2025Instrument ID: BNA_FDFTPP Injection Time: 09:10

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	25.6
68	Less than 2.0% of mass 69	0.5 (1.9) 1
69	Mass 69 relative abundance	27.9
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	39.6
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.7
275	10.0 - 60.0% of mass 198	25.6
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	15.3
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.3 (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
SSTDCCC040	SSTDCCC040	BF141973.D	03/17/2025	09:39
OK-02-03142025MS	Q1585-01MS	BF141980.D	03/17/2025	14:30
OK-02-03142025MSD	Q1585-01MSD	BF141981.D	03/17/2025	15:00
WC1	Q1574-01	BF141982.D	03/17/2025	15:29
WC1DL	Q1574-01DL	BF141984.D	03/17/2025	17:00



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: GENV01Lab Code: CHEMSAS No.: Q1574 SDG NO.: Q1574Lab File ID: BP024159.DDFTPP Injection Date: 03/12/2025Instrument ID: BNA_PDFTPP Injection Time: 15:36

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	28.5
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	33.9
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	46.1
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	27.5
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	14.7
442	Greater than 50% of mass 198	94.8
443	15.0 - 24.0% of mass 442	18.4 (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
SSTDICC2.5	SSTDICC2.5	BP024160.D	03/12/2025	16:17
SSTDICC005	SSTDICC005	BP024161.D	03/12/2025	16:57
SSTDICC010	SSTDICC010	BP024162.D	03/12/2025	17:38
SSTDICC020	SSTDICC020	BP024163.D	03/12/2025	18:19
SSTDICCC040	SSTDICCC040	BP024164.D	03/12/2025	19:00
SSTDICC050	SSTDICC050	BP024165.D	03/12/2025	19:41
SSTDICC060	SSTDICC060	BP024166.D	03/12/2025	20:21
SSTDICC080	SSTDICC080	BP024167.D	03/12/2025	21:02



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: GENV01Lab Code: CHEMSAS No.: Q1574 SDG NO.: Q1574Lab File ID: BP024178.DDFTPP Injection Date: 03/18/2025Instrument ID: BNA_PDFTPP Injection Time: 09:05

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	29
68	Less than 2.0% of mass 69	0.5 (1.6) 1
69	Mass 69 relative abundance	34.9
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	47.4
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	27.5
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	14.8
442	Greater than 50% of mass 198	98.8
443	15.0 - 24.0% of mass 442	18.8 (19) 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	BP024179.D	03/18/2025	09:46
PB167157BL	PB167157BL	BP024180.D	03/18/2025	10:26
PB167157BS	PB167157BS	BP024181.D	03/18/2025	11:07

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1574 SAS No.: Q1574 SDG NO.: Q1574

EPA Sample No.: SSTDCCC040 Date Analyzed: 03/17/2025

Lab File ID: BF141973.D Time Analyzed: 09:39

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	158789	6.881	576888	8.16	299010	9.92
UPPER LIMIT	317578	7.381	1153780	8.663	598020	10.416
LOWER LIMIT	79394.5	6.381	288444	7.663	149505	9.416
EPA SAMPLE NO.						
01 OK-02-03142025MS	138986	6.88	493410	8.16	238972	9.92
02 WC1	134820	6.88	482604	8.16	242342	9.92
03 WC1DL	122353	6.88	436760	8.16	216464	9.92
04 OK-02-03142025MSD	122962	6.88	428074	8.16	210222	9.92

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.: Q1574 SAS No.: Q1574 SDG NO.: Q1574

EPA Sample No.: SSTDCCC040 Date Analyzed: 03/17/2025

Lab File ID: BF141973.D Time Analyzed: 09:39

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	485045	11.398	344713	14.039	406777	15.515
UPPER LIMIT	970090	11.898	689426	14.539	813554	16.015
LOWER LIMIT	242523	10.898	172357	13.539	203389	15.015
EPA SAMPLE NO.						
01 OK-02-03142025MS	402192	11.40	316750	14.05	247894	15.52
02 WC1	413517	11.40	298547	14.05	246126	15.57
03 WC1DL	380298	11.40	298468	14.04	224847	15.53
04 OK-02-03142025MSD	360568	11.40	282638	14.05	213270	15.52

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.: Q1574 SAS No.: Q1574 SDG NO.: Q1574

EPA Sample No.: SSTDCCC040 Date Analyzed: 03/18/2025

Lab File ID: BP024179.D Time Analyzed: 09:46

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	345886	7.769	1431680	10.55	884889	14.40
UPPER LIMIT	691772	8.269	2863360	11.046	1769780	14.898
LOWER LIMIT	172943	7.269	715840	10.046	442445	13.898
EPA SAMPLE NO.						
01 PB167157BL	334055	7.77	1336340	10.55	814855	14.40
02 PB167157BS	330651	7.77	1324490	10.55	810278	14.40

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1574 SAS No.: Q1574 SDG NO.: Q1574

EPA Sample No.: SSTDCCC040 Date Analyzed: 03/18/2025

Lab File ID: BP024179.D Time Analyzed: 09:46

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1703420	17.21	1890510	21.663	2037050	25.068
UPPER LIMIT	3406840	17.71	3781020	22.163	4074100	25.568
LOWER LIMIT	851710	16.71	945255	21.163	1018530	24.568
EPA SAMPLE NO.						
01 PB167157BL	1550470	17.20	1479760	21.66	1571340	25.05
02 PB167157BS	1519990	17.21	1650500	21.67	1679150	25.06

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:	03/12/25
Project:	Ave L	Date Received:	03/14/25
Client Sample ID:	WC1	SDG No.:	Q1574
Lab Sample ID:	Q1574-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	98
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141982.D	5	03/17/25 09:15	03/17/25 15:29	PB167157

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	800	U	800	1700	ug/Kg
108-95-2	Phenol	110	U	110	870	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	120	U	120	870	ug/Kg
95-57-8	2-Chlorophenol	120	U	120	870	ug/Kg
95-48-7	2-Methylphenol	150	U	150	870	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	190	U	190	870	ug/Kg
98-86-2	Acetophenone	150	U	150	870	ug/Kg
65794-96-9	3+4-Methylphenols	210	U	210	1700	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	240	U	240	410	ug/Kg
67-72-1	Hexachloroethane	89.7	U	89.7	870	ug/Kg
98-95-3	Nitrobenzene	93.3	U	93.3	870	ug/Kg
78-59-1	Isophorone	170	U	170	870	ug/Kg
88-75-5	2-Nitrophenol	300	U	300	870	ug/Kg
105-67-9	2,4-Dimethylphenol	330	U	330	870	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	160	U	160	870	ug/Kg
120-83-2	2,4-Dichlorophenol	140	U	140	870	ug/Kg
91-20-3	Naphthalene	120	U	120	870	ug/Kg
106-47-8	4-Chloroaniline	180	UQ	180	870	ug/Kg
87-68-3	Hexachlorobutadiene	130	U	130	870	ug/Kg
105-60-2	Caprolactam	270	U	270	1700	ug/Kg
59-50-7	4-Chloro-3-methylphenol	150	U	150	870	ug/Kg
91-57-6	2-Methylnaphthalene	130	U	130	870	ug/Kg
77-47-4	Hexachlorocyclopentadiene	590	UQ	590	1700	ug/Kg
88-06-2	2,4,6-Trichlorophenol	100	U	100	870	ug/Kg
95-95-4	2,4,5-Trichlorophenol	150	U	150	870	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	870	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	870	ug/Kg
88-74-4	2-Nitroaniline	250	U	250	870	ug/Kg
131-11-3	Dimethylphthalate	140	U	140	870	ug/Kg

Report of Analysis

Client:	G Environmental	Date Collected:	03/12/25
Project:	Ave L	Date Received:	03/14/25
Client Sample ID:	WC1	SDG No.:	Q1574
Lab Sample ID:	Q1574-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	98
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141982.D	5	03/17/25 09:15	03/17/25 15:29	PB167157

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	150	U	150	870	ug/Kg
606-20-2	2,6-Dinitrotoluene	170	U	170	870	ug/Kg
99-09-2	3-Nitroaniline	230	UQ	230	870	ug/Kg
83-32-9	Acenaphthene	110	U	110	870	ug/Kg
51-28-5	2,4-Dinitrophenol	1200	U	1200	1700	ug/Kg
100-02-7	4-Nitrophenol	550	U	550	1700	ug/Kg
132-64-9	Dibenzofuran	120	U	120	870	ug/Kg
121-14-2	2,4-Dinitrotoluene	260	U	260	870	ug/Kg
84-66-2	Diethylphthalate	140	U	140	870	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	140	U	140	870	ug/Kg
86-73-7	Fluorene	130	U	130	870	ug/Kg
100-01-6	4-Nitroaniline	330	U	330	870	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	530	U	530	1700	ug/Kg
86-30-6	n-Nitrosodiphenylamine	170	U	170	870	ug/Kg
101-55-3	4-Bromophenyl-phenylether	140	U	140	870	ug/Kg
118-74-1	Hexachlorobenzene	130	U	130	870	ug/Kg
1912-24-9	Atrazine	170	UQ	170	870	ug/Kg
87-86-5	Pentachlorophenol	260	U	260	1700	ug/Kg
85-01-8	Phenanthrene	520	J	110	870	ug/Kg
120-12-7	Anthracene	170	U	170	870	ug/Kg
86-74-8	Carbazole	160	U	160	870	ug/Kg
84-74-2	Di-n-butylphthalate	240	U	240	870	ug/Kg
206-44-0	Fluoranthene	830	J	150	870	ug/Kg
129-00-0	Pyrene	580	J	180	870	ug/Kg
85-68-7	Butylbenzylphthalate	360	U	360	870	ug/Kg
91-94-1	3,3-Dichlorobenzidine	190	U	190	1700	ug/Kg
56-55-3	Benzo(a)anthracene	120	U	120	870	ug/Kg
218-01-9	Chrysene	550	J	100	870	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	43100	E	300	870	ug/Kg
117-84-0	Di-n-octyl phthalate	440	U	440	1700	ug/Kg
205-99-2	Benzo(b)fluoranthene	96.9	U	96.9	870	ug/Kg

Report of Analysis

Client:	G Environmental	Date Collected:	03/12/25
Project:	Ave L	Date Received:	03/14/25
Client Sample ID:	WC1	SDG No.:	Q1574
Lab Sample ID:	Q1574-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	98
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141982.D	5	03/17/25 09:15	03/17/25 15:29	PB167157

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	110	U	110	870	ug/Kg
50-32-8	Benzo(a)pyrene	150	U	150	870	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	U	150	870	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	140	U	140	870	ug/Kg
191-24-2	Benzo(g,h,i)perylene	130	U	130	870	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	130	U	130	870	ug/Kg
123-91-1	1,4-Dioxane	230	U	230	870	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	140	U	140	870	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	32.7	*	30 (18) - 130 (112)	22%	SPK: 150
13127-88-3	Phenol-d6	31.0	*	30 (15) - 130 (107)	21%	SPK: 150
4165-60-0	Nitrobenzene-d5	23.6	*	30 (18) - 130 (107)	24%	SPK: 100
321-60-8	2-Fluorobiphenyl	27.2	*	30 (20) - 130 (109)	27%	SPK: 100
118-79-6	2,4,6-Tribromophenol	32.0	*	30 (10) - 130 (116)	21%	SPK: 150
1718-51-0	Terphenyl-d14	26.0	*	30 (10) - 130 (105)	26%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	135000	6.881
1146-65-2	Naphthalene-d8	483000	8.163
15067-26-2	Acenaphthene-d10	242000	9.916
1517-22-2	Phenanthrene-d10	414000	11.404
1719-03-5	Chrysene-d12	299000	14.045
1520-96-3	Perylene-d12	246000	15.569

TENTATIVE IDENTIFIED COMPOUNDS

000085-44-9	Phthalic anhydride	720	J	8.92	ug/Kg
000057-10-3	n-Hexadecanoic acid	1400	J	11.9	ug/Kg
000057-11-4	Octadecanoic acid	2000	J	12.7	ug/Kg
1000377-94-6	Phthalic acid, 4-methylhept-3-yl u	3400	J	16.8	ug/Kg

Report of Analysis

Client:	G Environmental	Date Collected:	03/12/25
Project:	Ave L	Date Received:	03/14/25
Client Sample ID:	WC1	SDG No.:	Q1574
Lab Sample ID:	Q1574-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	98
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141982.D	5	03/17/25 09:15	03/17/25 15:29	PB167157

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)

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_F\Data\BF031725\
 Data File : BF141982.D
 Acq On : 17 Mar 2025 15:29
 Operator : RC/JU
 Sample : Q1574-01 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC1

Quant Time: Mar 25 16:16:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

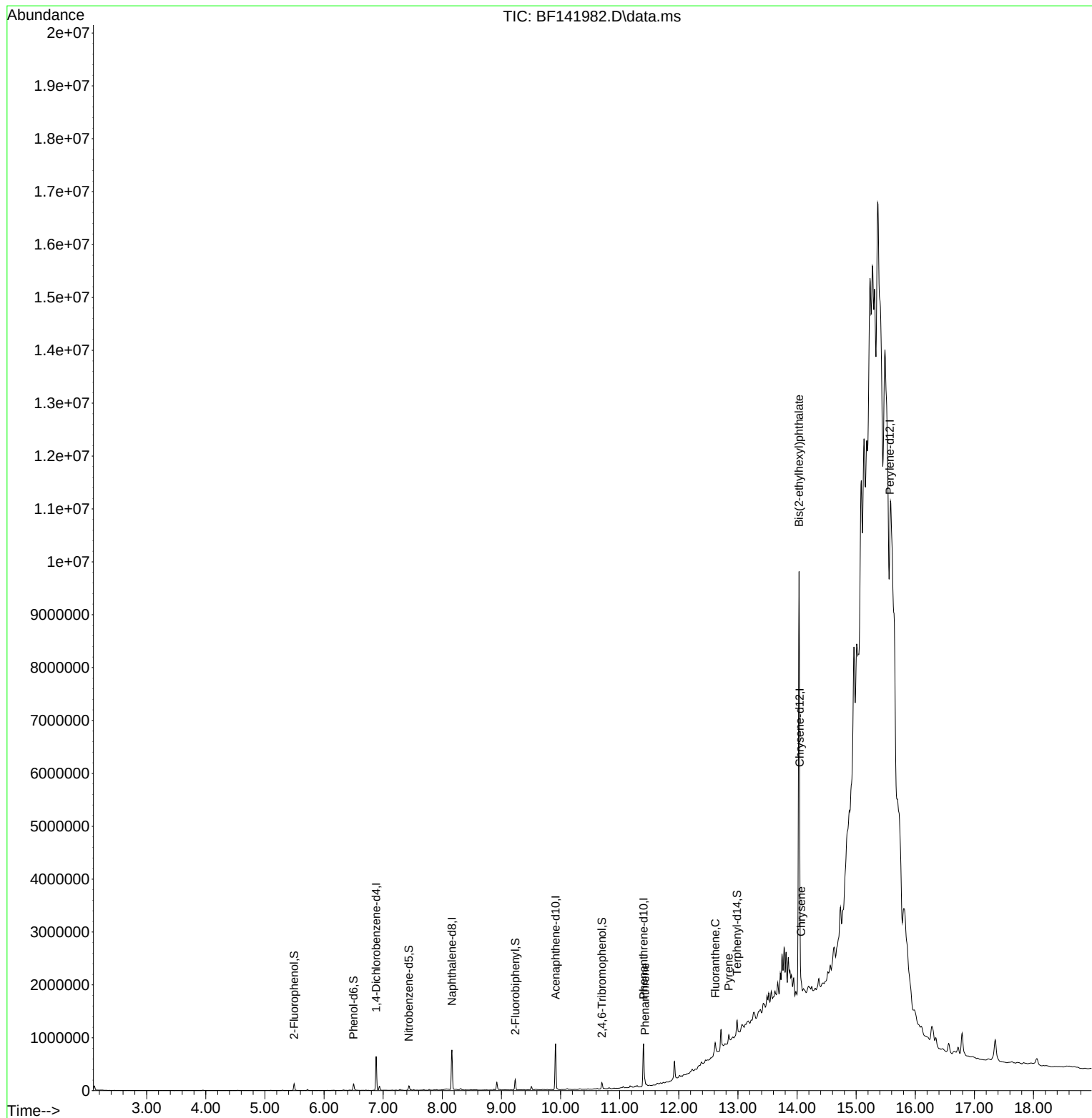
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	134820	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	482604	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	242342	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	413517	20.000	ng	0.00
76) Chrysene-d12	14.045	240	298547	20.000	ng	0.00
86) Perylene-d12	15.569	264	246126	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	52902	6.549	ng	0.00
7) Phenol-d6	6.498	99	63864	6.209	ng	0.00
23) Nitrobenzene-d5	7.434	82	40431	4.715	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	19673	6.399	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	86625	5.436	ng	0.00
79) Terphenyl-d14	12.986	244	105058	5.203	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.428	178	68457	3.065	ng	99
75) Fluoranthene	12.616	202	116131	4.902	ng	98
78) Pyrene	12.845	202	87760	3.398	ng	96
83) Chrysene	14.069	228	57899	3.260	ng	# 91
84) Bis(2-ethylhexyl)phtha...	14.033	149	3530429	253.322	ng	# 94

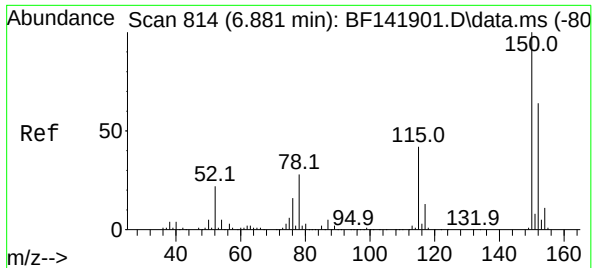
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
Data File : BF141982.D
Acq On : 17 Mar 2025 15:29
Operator : RC/JU
Sample : Q1574-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC1

Quant Time: Mar 25 16:16:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

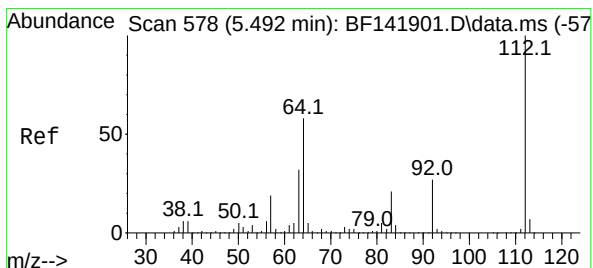
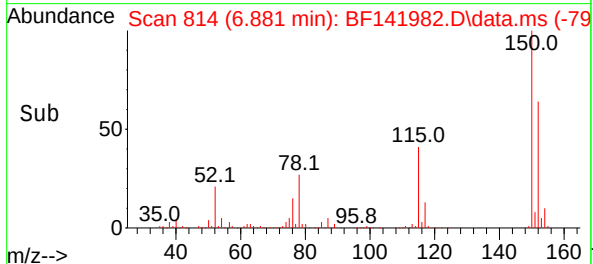
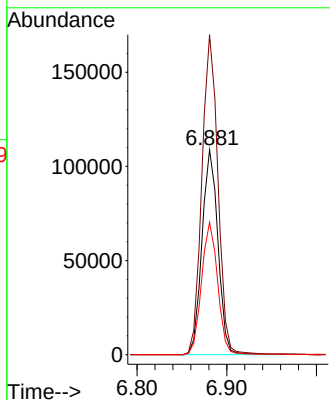
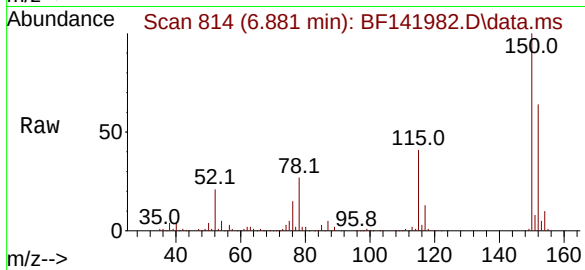




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF141982.D
Acq: 17 Mar 2025 15:29

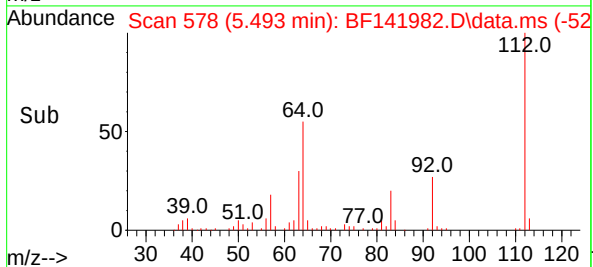
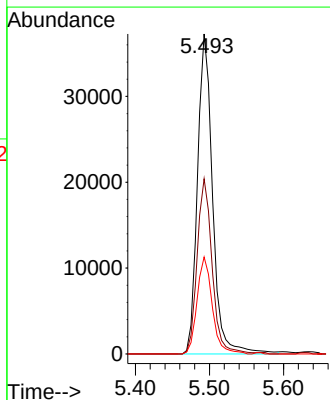
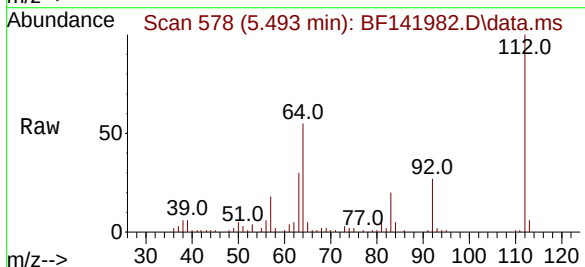
Instrument :
BNA_F
ClientSampleId :
WC1

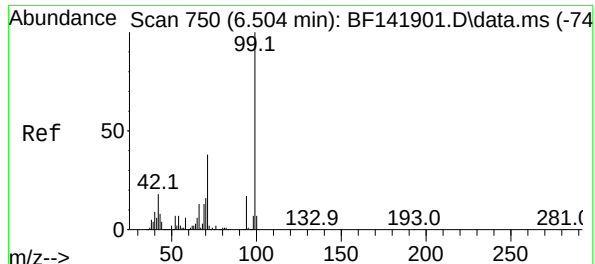
Tgt Ion:152 Resp: 134820
Ion Ratio Lower Upper
152 100
150 156.2 127.4 191.2
115 64.6 51.9 77.9



#5
2-Fluorophenol
Concen: 6.549 ng
RT: 5.493 min Scan# 578
Delta R.T. 0.000 min
Lab File: BF141982.D
Acq: 17 Mar 2025 15:29

Tgt Ion:112 Resp: 52902
Ion Ratio Lower Upper
112 100
64 54.7 46.5 69.7
63 30.3 25.4 38.2

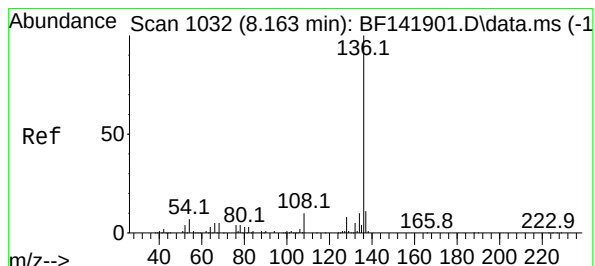
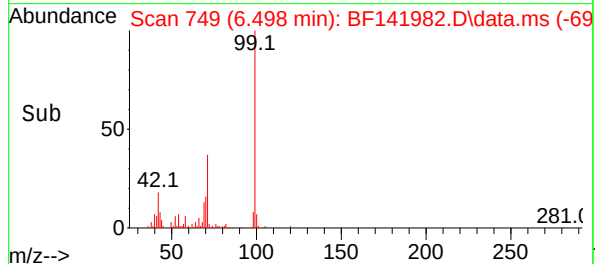
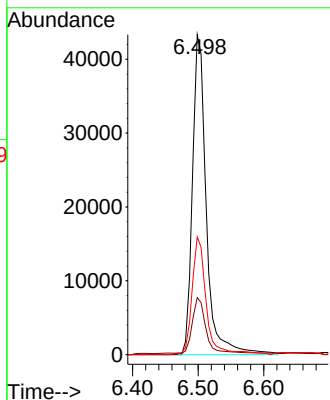
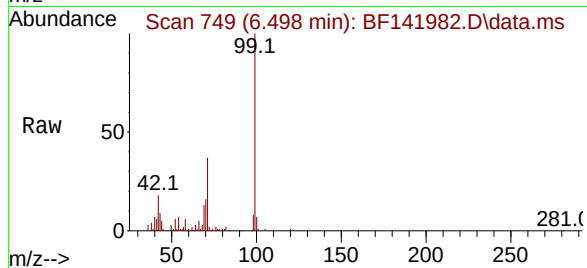




#7
Phenol-d6
Concen: 6.209 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF141982.D
Acq: 17 Mar 2025 15:29

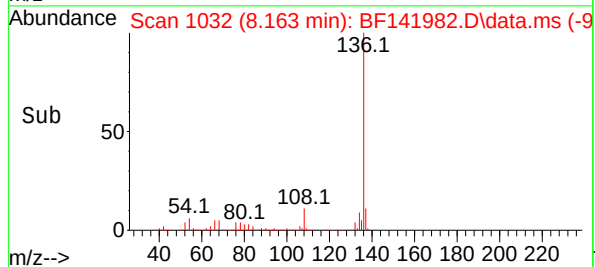
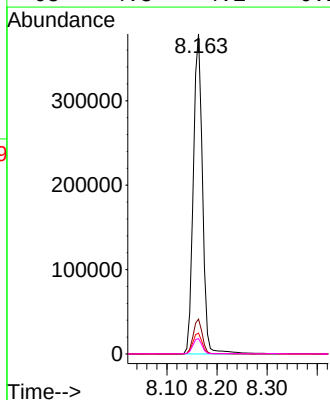
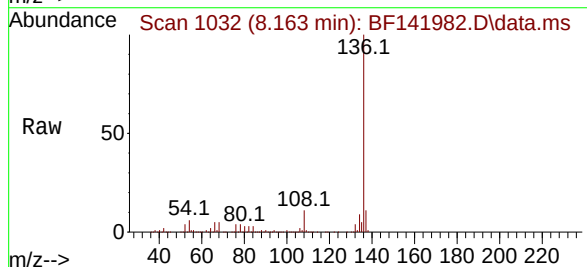
Instrument :
BNA_F
ClientSampleId :
WC1

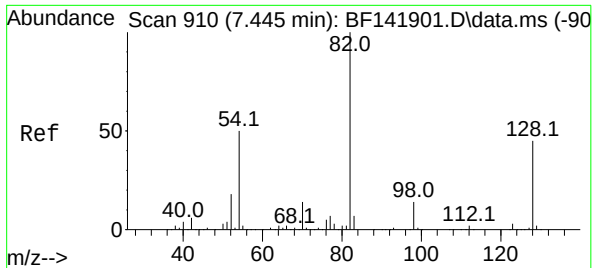
Tgt Ion: 99 Resp: 63864
Ion Ratio Lower Upper
99 100
42 17.8 14.6 21.8
71 36.8 30.8 46.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF141982.D
Acq: 17 Mar 2025 15:29

Tgt Ion: 136 Resp: 482604
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.5 5.8 8.8
68 4.8 4.1 6.1





#23

Nitrobenzene-d5

Concen: 4.715 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF141982.D

Acq: 17 Mar 2025 15:29

Instrument :

BNA_F

ClientSampleId :

WC1

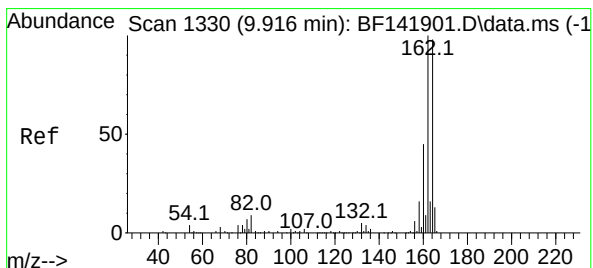
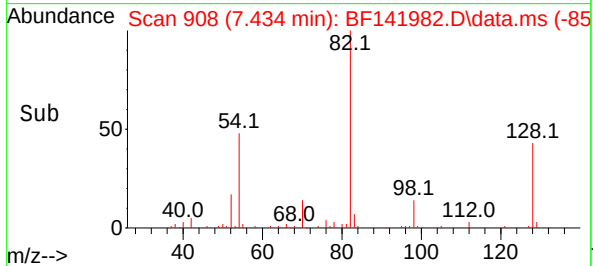
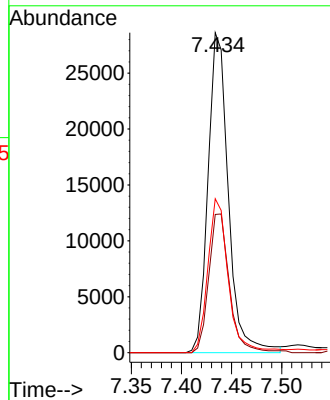
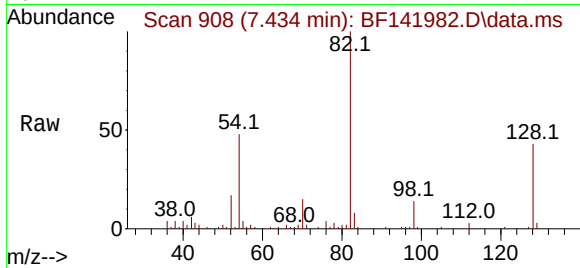
Tgt Ion: 82 Resp: 40431

Ion Ratio Lower Upper

82 100

128 43.2 36.0 54.0

54 48.1 39.6 59.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1330

Delta R.T. -0.000 min

Lab File: BF141982.D

Acq: 17 Mar 2025 15:29

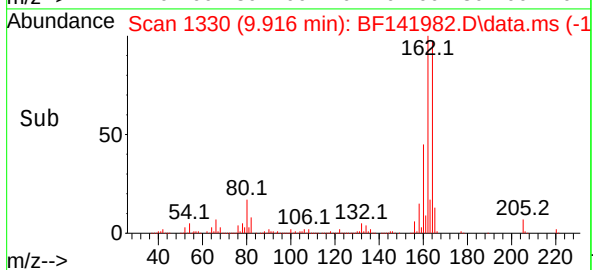
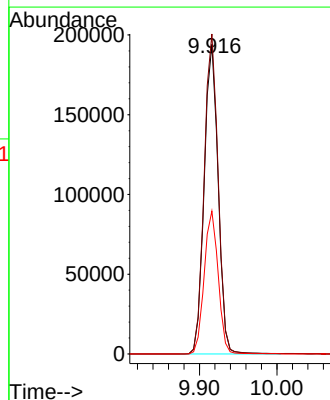
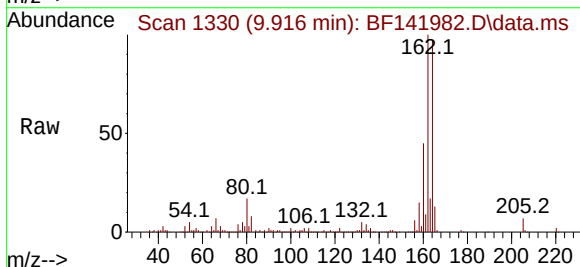
Tgt Ion:164 Resp: 242342

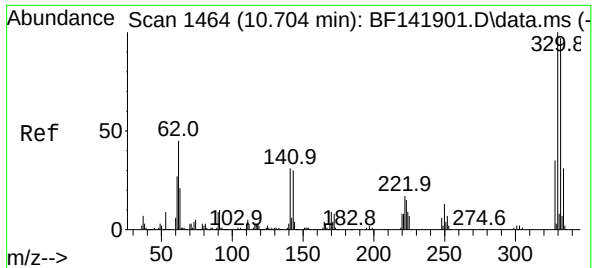
Ion Ratio Lower Upper

164 100

162 103.4 81.8 122.6

160 46.2 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 6.399 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF141982.D

Acq: 17 Mar 2025 15:29

Instrument :

BNA_F

ClientSampleId :

WC1

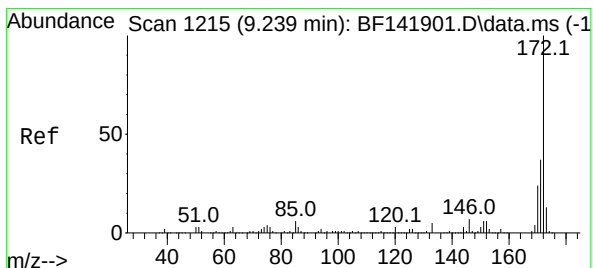
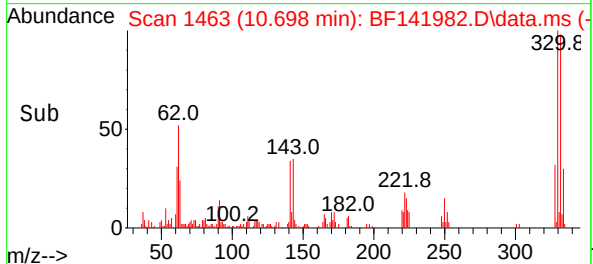
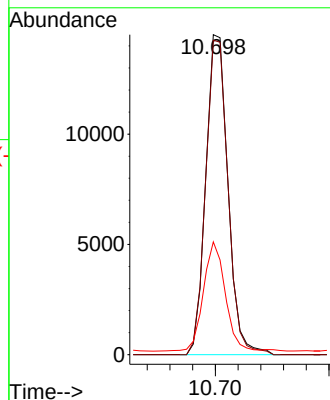
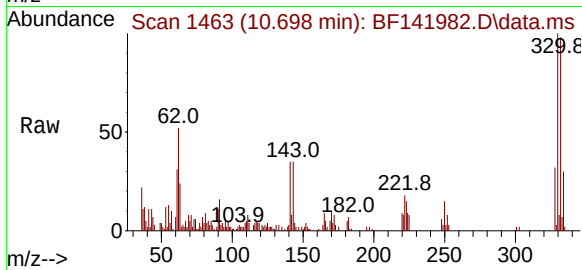
Tgt Ion:330 Resp: 19673

Ion Ratio Lower Upper

330 100

332 98.9 77.6 116.4

141 35.4 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 5.436 ng

RT: 9.234 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF141982.D

Acq: 17 Mar 2025 15:29

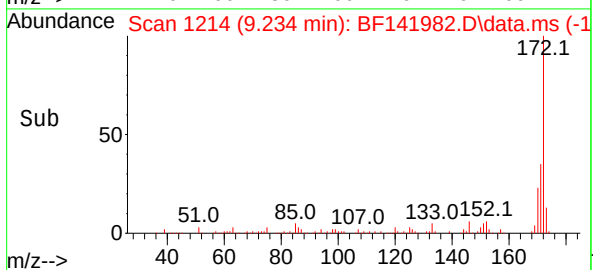
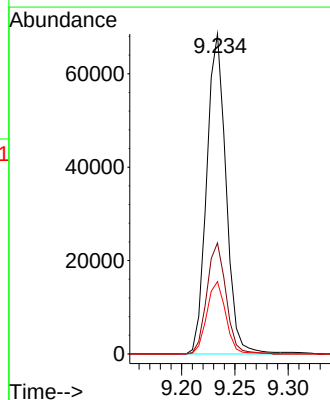
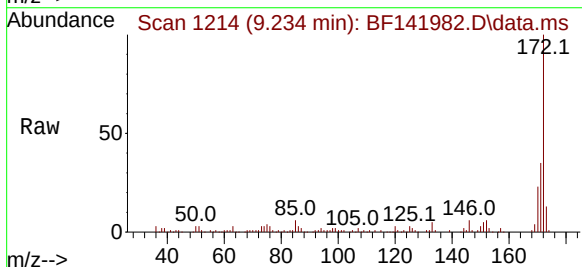
Tgt Ion:172 Resp: 86625

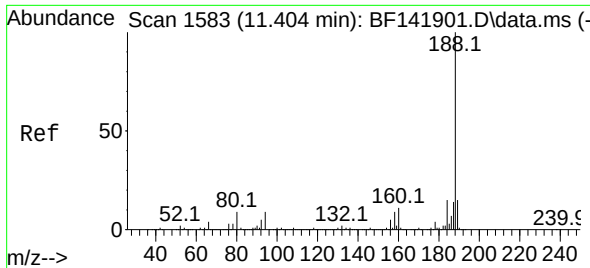
Ion Ratio Lower Upper

172 100

171 34.7 29.3 43.9

170 22.6 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1583

Delta R.T. 0.000 min

Lab File: BF141982.D

Acq: 17 Mar 2025 15:29

Instrument :

BNA_F

ClientSampleId :

WC1

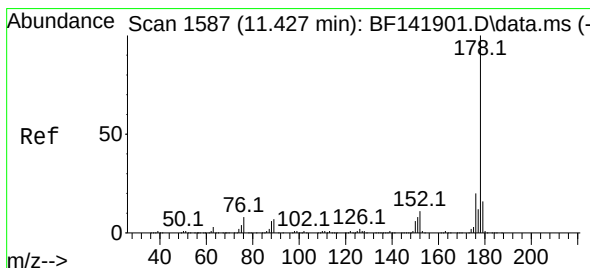
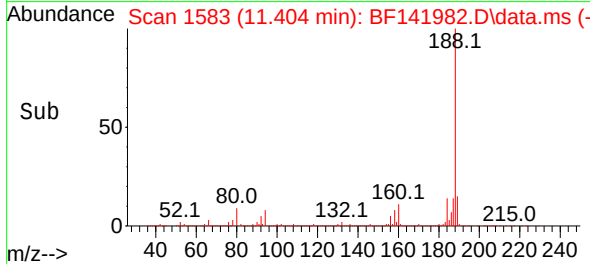
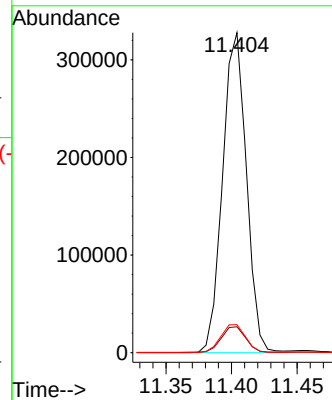
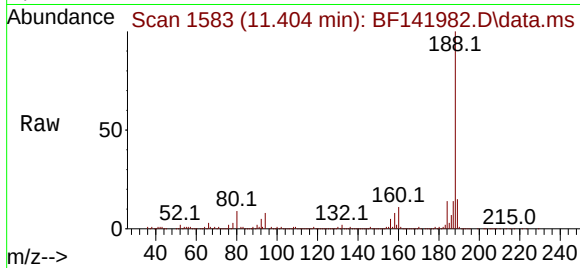
Tgt Ion:188 Resp: 413517

Ion Ratio Lower Upper

188 100

94 8.1 6.8 10.2

80 8.7 7.6 11.4



#71

Phenanthrene

Concen: 3.065 ng

RT: 11.428 min Scan# 1587

Delta R.T. 0.000 min

Lab File: BF141982.D

Acq: 17 Mar 2025 15:29

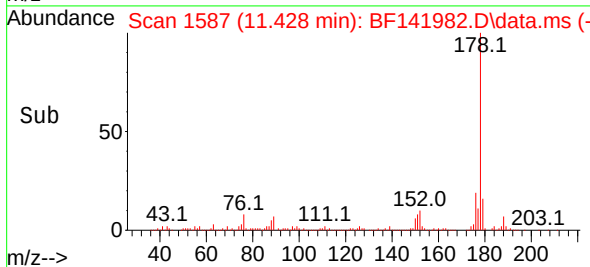
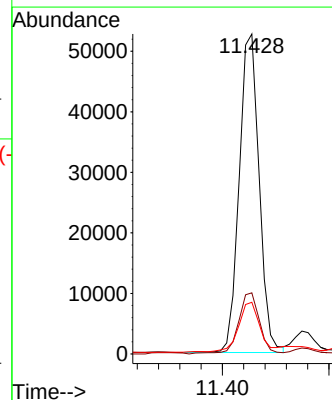
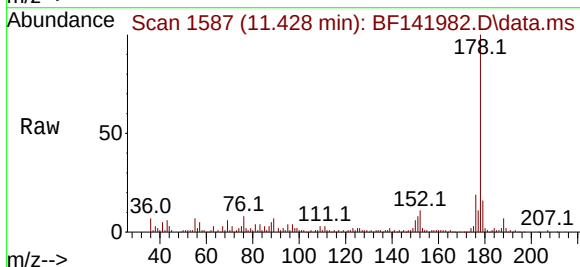
Tgt Ion:178 Resp: 68457

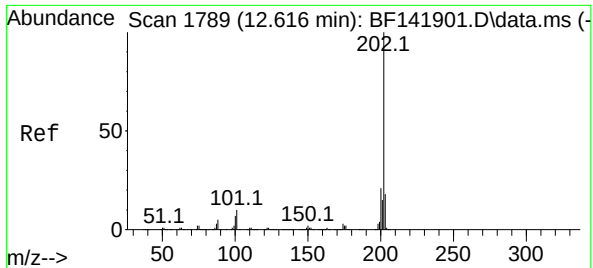
Ion Ratio Lower Upper

178 100

176 19.1 15.8 23.8

179 16.2 12.6 19.0





#75

Fluoranthene

Concen: 4.902 ng

RT: 12.616 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF141982.D

Acq: 17 Mar 2025 15:29

Instrument :

BNA_F

ClientSampleId :

WC1

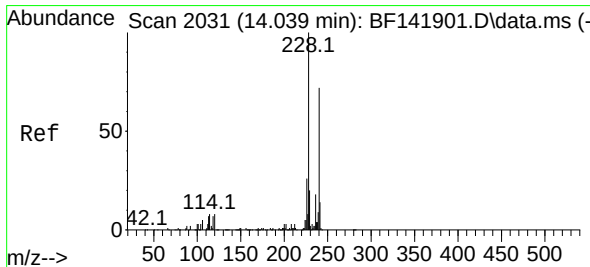
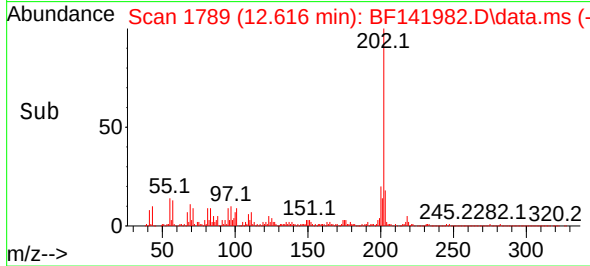
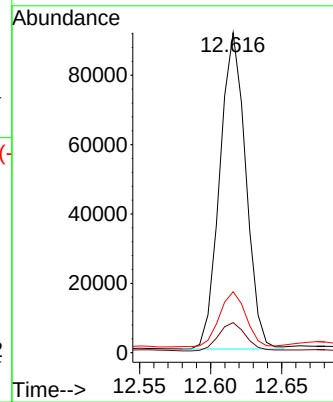
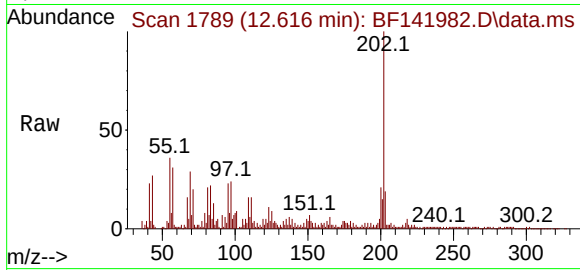
Tgt Ion:202 Resp: 116131

Ion Ratio Lower Upper

202 100

101 9.4 0.0 29.7

203 19.0 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. 0.006 min

Lab File: BF141982.D

Acq: 17 Mar 2025 15:29

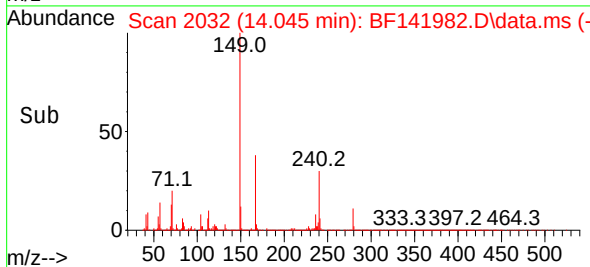
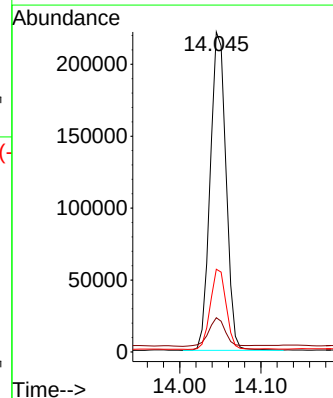
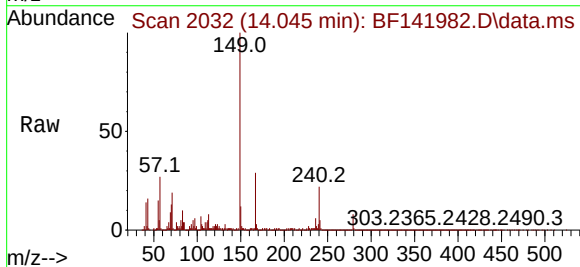
Tgt Ion:240 Resp: 298547

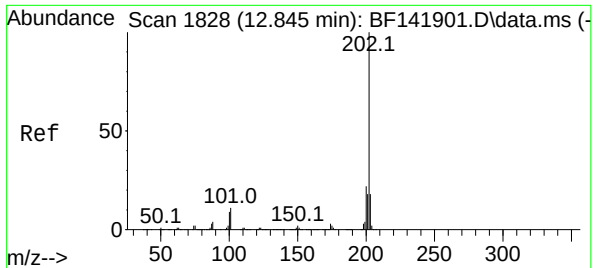
Ion Ratio Lower Upper

240 100

120 10.7 8.4 12.6

236 25.9 20.5 30.7





#78

Pyrene

Concen: 3.398 ng

RT: 12.845 min Scan# 1828

Delta R.T. 0.000 min

Lab File: BF141982.D

Acq: 17 Mar 2025 15:29

Instrument :

BNA_F

ClientSampleId :

WC1

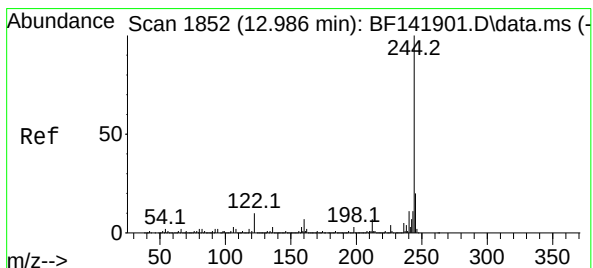
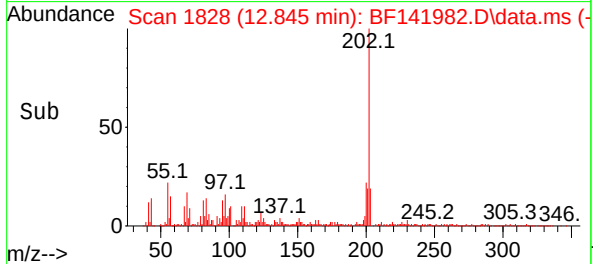
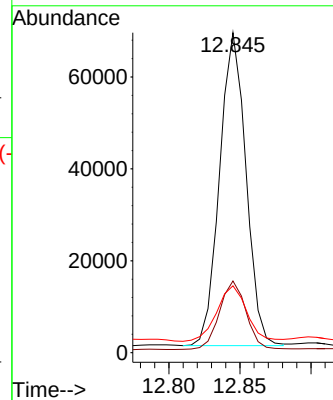
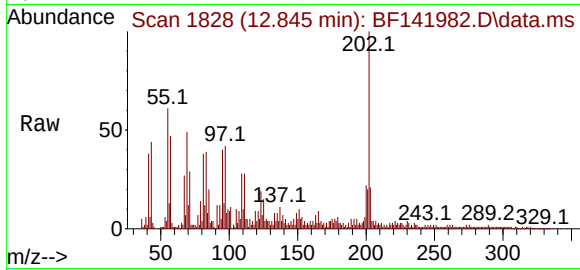
Tgt Ion:202 Resp: 87760

Ion Ratio Lower Upper

202 100

200 22.4 17.3 25.9

203 20.9 14.4 21.6



#79

Terphenyl-d14

Concen: 5.203 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BF141982.D

Acq: 17 Mar 2025 15:29

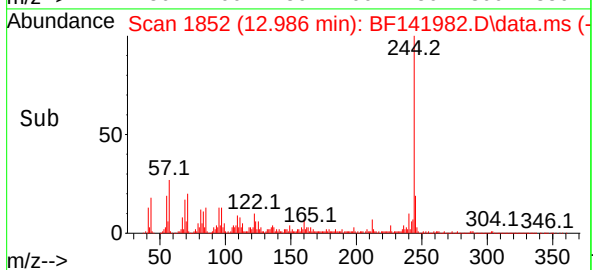
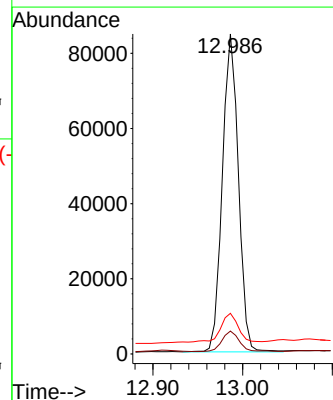
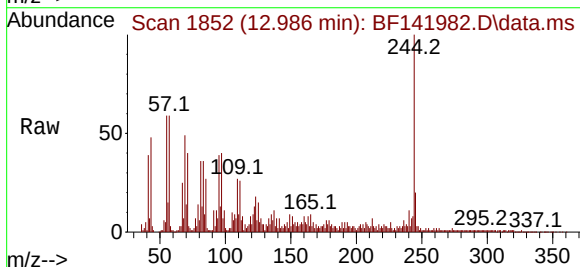
Tgt Ion:244 Resp: 105058

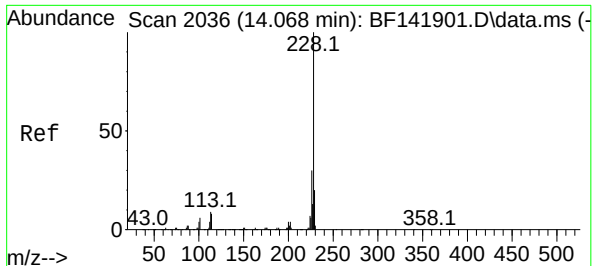
Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 12.7 7.7 11.5#





#83

Chrysene

Concen: 3.260 ng

RT: 14.069 min Scan# 2036

Delta R.T. 0.000 min

Lab File: BF141982.D

Acq: 17 Mar 2025 15:29

Instrument :

BNA_F

ClientSampleId :

WC1

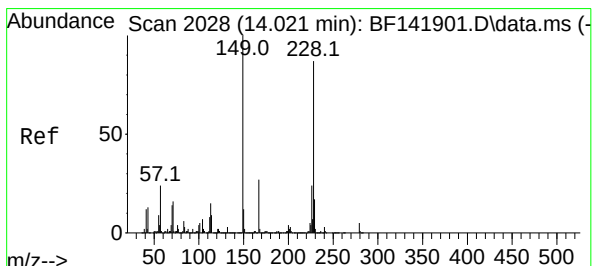
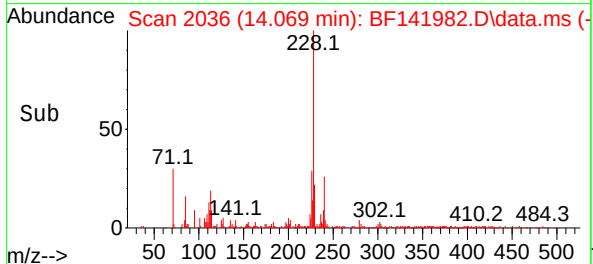
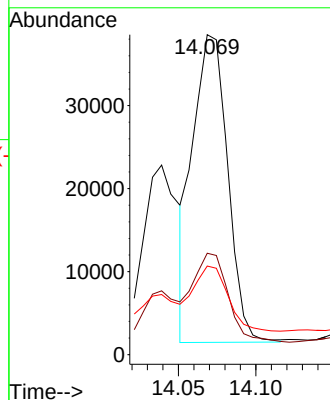
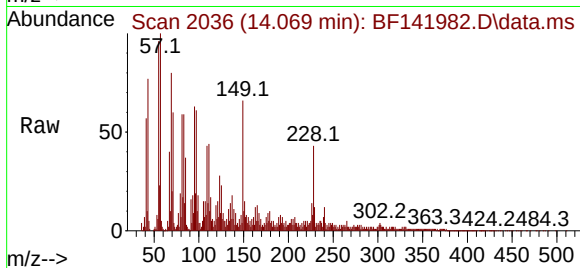
Tgt Ion:228 Resp: 57899

Ion Ratio Lower Upper

228 100

226 31.7 24.1 36.1

229 27.7 15.7 23.5#



#84

Bis(2-ethylhexyl)phthalate

Concen: 253.322 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.012 min

Lab File: BF141982.D

Acq: 17 Mar 2025 15:29

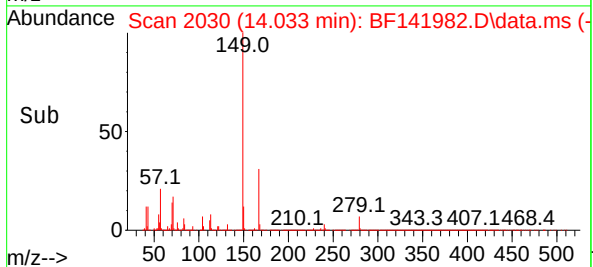
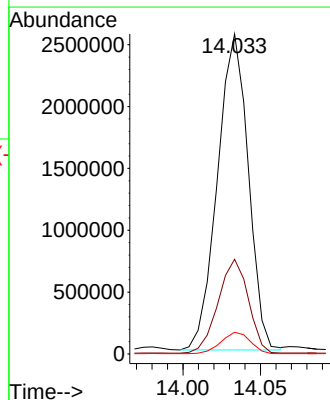
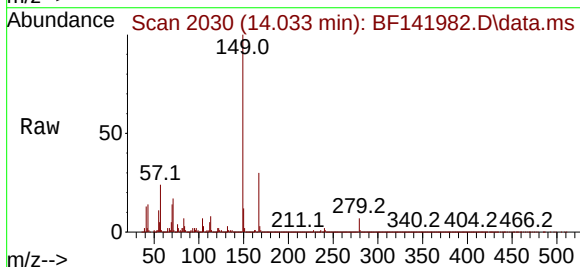
Tgt Ion:149 Resp: 3530429

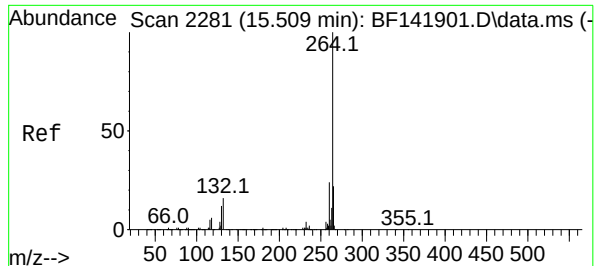
Ion Ratio Lower Upper

149 100

167 29.6 21.4 32.0

279 6.8 3.8 5.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.569 min Scan# 21

Delta R.T. 0.059 min

Lab File: BF141982.D

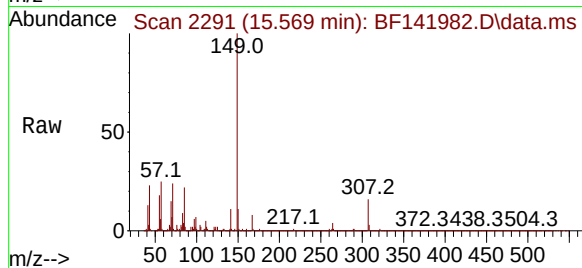
Acq: 17 Mar 2025 15:29

Instrument :

BNA_F

ClientSampleId :

WC1



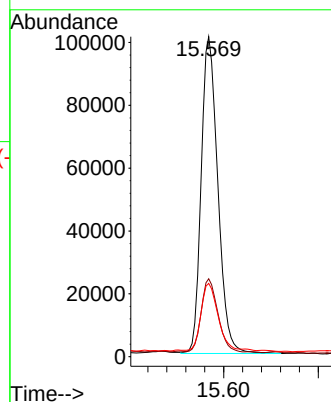
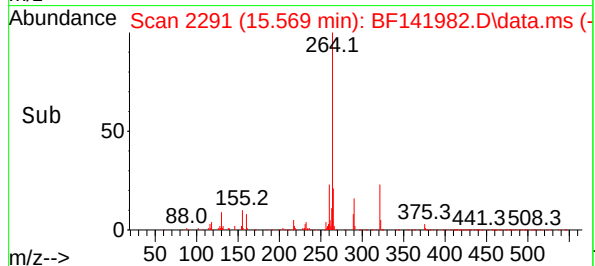
Tgt Ion:264 Resp: 246126

Ion Ratio Lower Upper

264 100

260 24.4 19.1 28.7

265 22.9 17.5 26.3



Report of Analysis

Client:	G Environmental	Date Collected:	03/12/25
Project:	Ave L	Date Received:	03/14/25
Client Sample ID:	WC1DL	SDG No.:	Q1574
Lab Sample ID:	Q1574-01DL	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	98
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141984.D	25	03/17/25 09:15	03/17/25 17:00	PB167157

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	4000	UD	4000	8400	ug/Kg
108-95-2	Phenol	560	UD	560	4300	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	620	UD	620	4300	ug/Kg
95-57-8	2-Chlorophenol	620	UD	620	4300	ug/Kg
95-48-7	2-Methylphenol	760	UD	760	4300	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	960	UD	960	4300	ug/Kg
98-86-2	Acetophenone	750	UD	750	4300	ug/Kg
65794-96-9	3+4-Methylphenols	1000	UD	1000	8400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1200	UD	1200	2000	ug/Kg
67-72-1	Hexachloroethane	450	UD	450	4300	ug/Kg
98-95-3	Nitrobenzene	470	UD	470	4300	ug/Kg
78-59-1	Isophorone	840	UD	840	4300	ug/Kg
88-75-5	2-Nitrophenol	1500	UD	1500	4300	ug/Kg
105-67-9	2,4-Dimethylphenol	1700	UD	1700	4300	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	790	UD	790	4300	ug/Kg
120-83-2	2,4-Dichlorophenol	720	UD	720	4300	ug/Kg
91-20-3	Naphthalene	580	UD	580	4300	ug/Kg
106-47-8	4-Chloroaniline	900	UDQ	900	4300	ug/Kg
87-68-3	Hexachlorobutadiene	640	UD	640	4300	ug/Kg
105-60-2	Caprolactam	1300	UD	1300	8400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	730	UD	730	4300	ug/Kg
91-57-6	2-Methylnaphthalene	650	UD	650	4300	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3000	UDQ	3000	8400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	500	UD	500	4300	ug/Kg
95-95-4	2,4,5-Trichlorophenol	740	UD	740	4300	ug/Kg
92-52-4	1,1-Biphenyl	560	UD	560	4300	ug/Kg
91-58-7	2-Chloronaphthalene	570	UD	570	4300	ug/Kg
88-74-4	2-Nitroaniline	1200	UD	1200	4300	ug/Kg
131-11-3	Dimethylphthalate	690	UD	690	4300	ug/Kg

Report of Analysis

Client:	G Environmental	Date Collected:	03/12/25
Project:	Ave L	Date Received:	03/14/25
Client Sample ID:	WC1DL	SDG No.:	Q1574
Lab Sample ID:	Q1574-01DL	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	98
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141984.D	25	03/17/25 09:15	03/17/25 17:00	PB167157

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	740	UD	740	4300	ug/Kg
606-20-2	2,6-Dinitrotoluene	860	UD	860	4300	ug/Kg
99-09-2	3-Nitroaniline	1200	UDQ	1200	4300	ug/Kg
83-32-9	Acenaphthene	540	UD	540	4300	ug/Kg
51-28-5	2,4-Dinitrophenol	5800	UD	5800	8400	ug/Kg
100-02-7	4-Nitrophenol	2700	UD	2700	8400	ug/Kg
132-64-9	Dibenzofuran	580	UD	580	4300	ug/Kg
121-14-2	2,4-Dinitrotoluene	1300	UD	1300	4300	ug/Kg
84-66-2	Diethylphthalate	720	UD	720	4300	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	680	UD	680	4300	ug/Kg
86-73-7	Fluorene	640	UD	640	4300	ug/Kg
100-01-6	4-Nitroaniline	1600	UD	1600	4300	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2600	UD	2600	8400	ug/Kg
86-30-6	n-Nitrosodiphenylamine	840	UD	840	4300	ug/Kg
101-55-3	4-Bromophenyl-phenylether	710	UD	710	4300	ug/Kg
118-74-1	Hexachlorobenzene	640	UD	640	4300	ug/Kg
1912-24-9	Atrazine	870	UDQ	870	4300	ug/Kg
87-86-5	Pentachlorophenol	1300	UD	1300	8400	ug/Kg
85-01-8	Phenanthrene	530	UD	530	4300	ug/Kg
120-12-7	Anthracene	850	UD	850	4300	ug/Kg
86-74-8	Carbazole	800	UD	800	4300	ug/Kg
84-74-2	Di-n-butylphthalate	1200	UD	1200	4300	ug/Kg
206-44-0	Fluoranthene	760	UD	760	4300	ug/Kg
129-00-0	Pyrene	920	UD	920	4300	ug/Kg
85-68-7	Butylbenzylphthalate	1800	UD	1800	4300	ug/Kg
91-94-1	3,3-Dichlorobenzidine	940	UD	940	8400	ug/Kg
56-55-3	Benzo(a)anthracene	590	UD	590	4300	ug/Kg
218-01-9	Chrysene	510	UD	510	4300	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	50800	D	1500	4300	ug/Kg
117-84-0	Di-n-octyl phthalate	2200	UD	2200	8400	ug/Kg
205-99-2	Benzo(b)fluoranthene	480	UD	480	4300	ug/Kg

Report of Analysis

Client:	G Environmental	Date Collected:	03/12/25
Project:	Ave L	Date Received:	03/14/25
Client Sample ID:	WC1DL	SDG No.:	Q1574
Lab Sample ID:	Q1574-01DL	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	98
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141984.D	25	03/17/25 09:15	03/17/25 17:00	PB167157

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	570	UD	570	4300	ug/Kg
50-32-8	Benzo(a)pyrene	750	UD	750	4300	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	740	UD	740	4300	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	700	UD	700	4300	ug/Kg
191-24-2	Benzo(g,h,i)perylene	660	UD	660	4300	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	650	UD	650	4300	ug/Kg
123-91-1	1,4-Dioxane	1200	UD	1200	4300	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	700	UD	700	4300	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	29.2	*	30 (18) - 130 (112)	19%	SPK: 150
13127-88-3	Phenol-d6	26.8	*	30 (15) - 130 (107)	18%	SPK: 150
4165-60-0	Nitrobenzene-d5	22.1	*	30 (18) - 130 (107)	22%	SPK: 100
321-60-8	2-Fluorobiphenyl	26.3	*	30 (20) - 130 (109)	26%	SPK: 100
118-79-6	2,4,6-Tribromophenol	26.6	*	30 (10) - 130 (116)	18%	SPK: 150
1718-51-0	Terphenyl-d14	25.9	*	30 (10) - 130 (105)	26%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	122000	6.881
1146-65-2	Naphthalene-d8	437000	8.163
15067-26-2	Acenaphthene-d10	216000	9.916
1517-22-2	Phenanthrene-d10	380000	11.404
1719-03-5	Chrysene-d12	298000	14.039
1520-96-3	Perylene-d12	225000	15.527

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_F\Data\BF031725\
Data File : BF141984.D
Acq On : 17 Mar 2025 17:00
Operator : RC/JU
Sample : Q1574-01DL 25X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC1DL

Quant Time: Mar 17 17:40:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

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

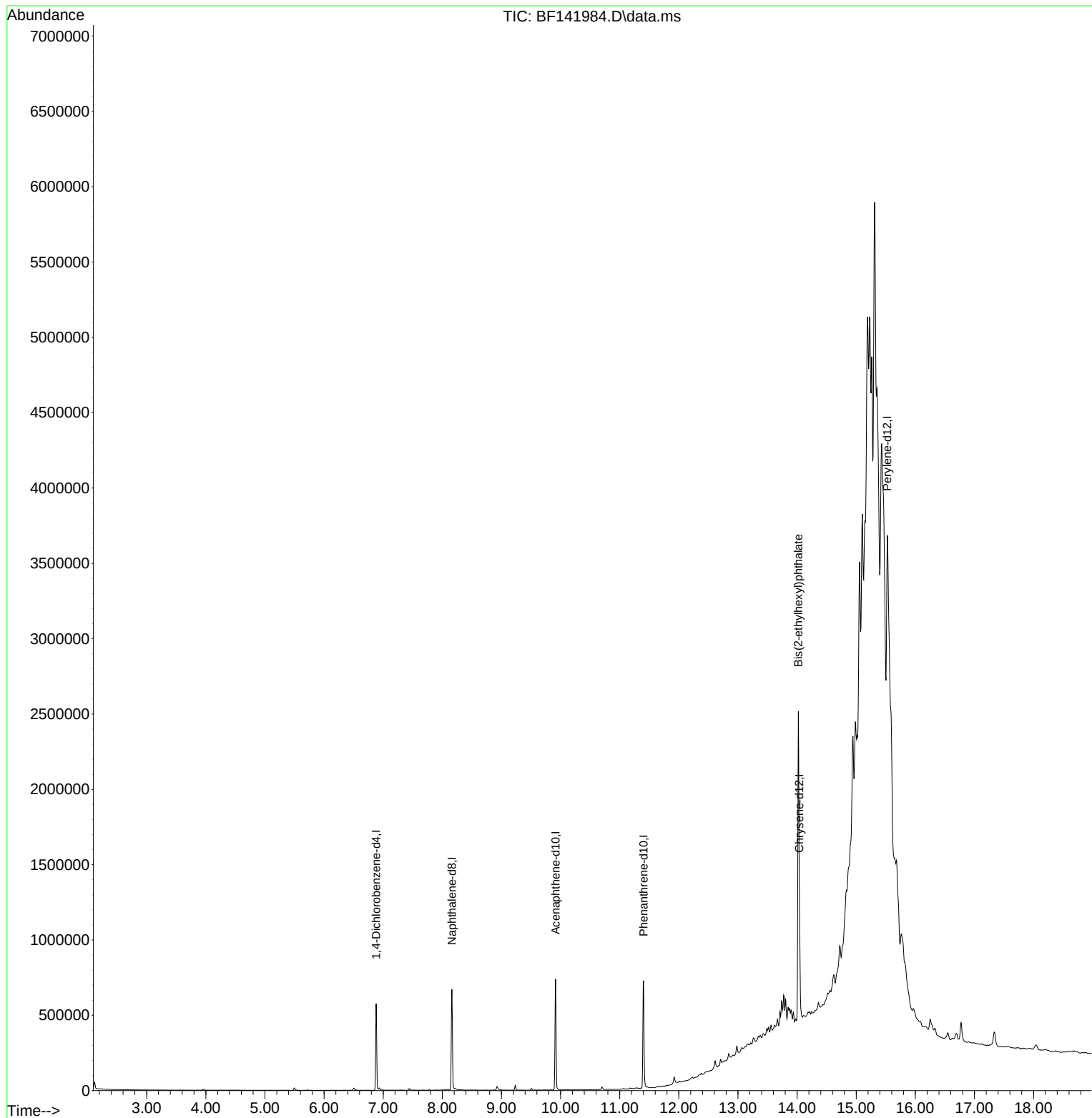
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	122353	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	436760	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	216464	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	380298	20.000	ng	0.00
76) Chrysene-d12	14.039	240	298468	20.000	ng	0.00
86) Perylene-d12	15.527	264	224847	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	8560	1.168	ng	0.00
7) Phenol-d6	6.504	99	10016	1.073	ng	0.00
23) Nitrobenzene-d5	7.439	82	6872	0.885	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	2928	1.066	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	14955	1.051	ng	0.00
79) Terphenyl-d14	12.986	244	20958	1.038	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	14.021	149	833555	59.827	ng	Qvalue 100

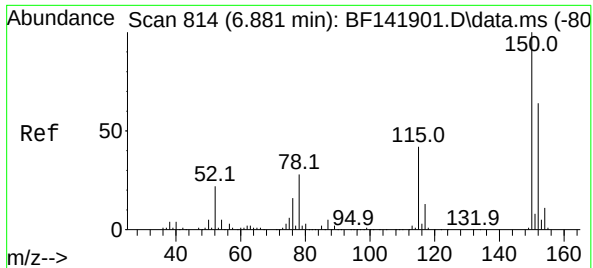
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
Data File : BF141984.D
Acq On : 17 Mar 2025 17:00
Operator : RC/JU
Sample : Q1574-01DL 25X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC1DL

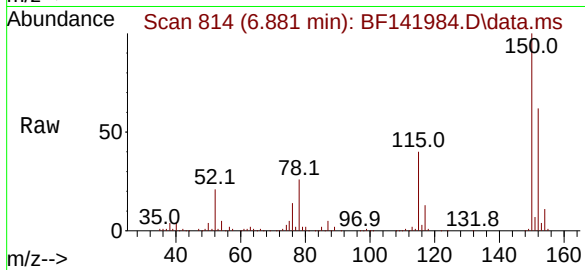
Quant Time: Mar 17 17:40:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration



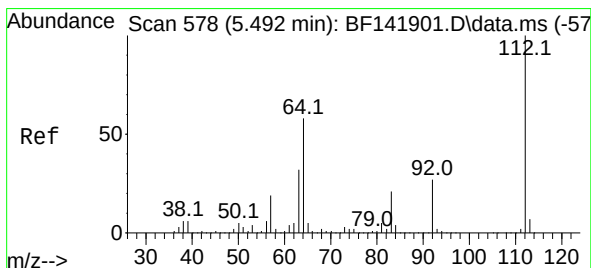
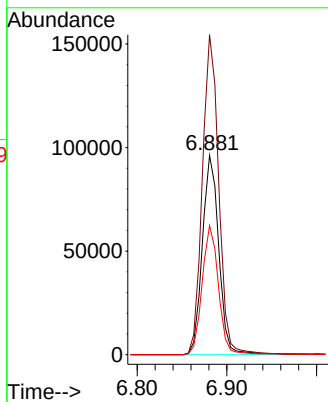
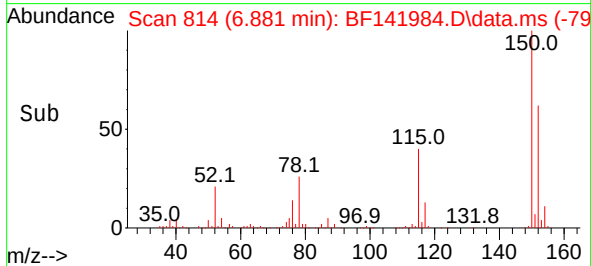


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF141984.D
Acq: 17 Mar 2025 17:00

Instrument :
BNA_F
ClientSampleId :
WC1DL

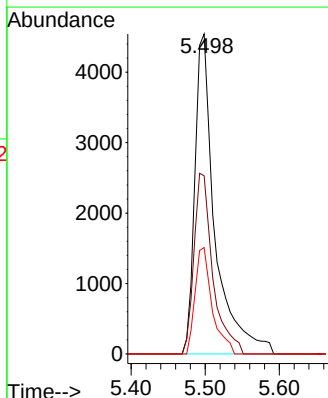
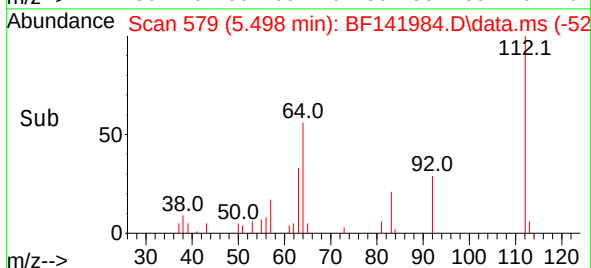
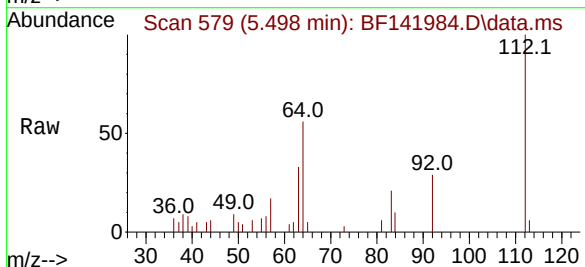


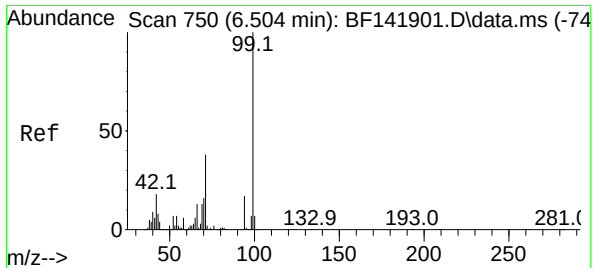
Tgt Ion:152 Resp: 122353
Ion Ratio Lower Upper
152 100
150 160.5 127.4 191.2
115 64.7 51.9 77.9



#5
2-Fluorophenol
Concen: 1.168 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF141984.D
Acq: 17 Mar 2025 17:00

Tgt Ion:112 Resp: 8560
Ion Ratio Lower Upper
112 100
64 55.7 46.5 69.7
63 33.3 25.4 38.2

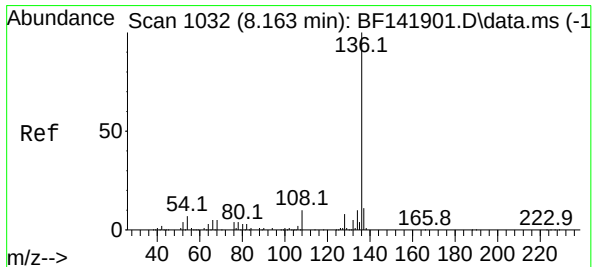
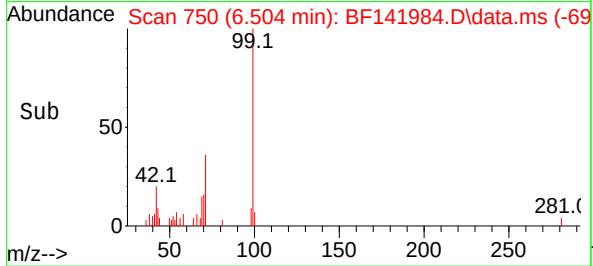
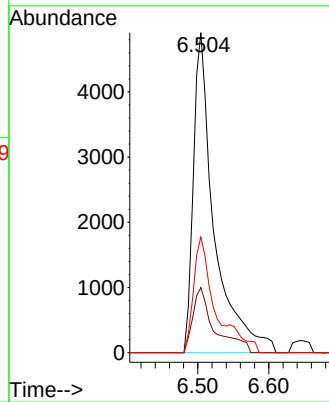
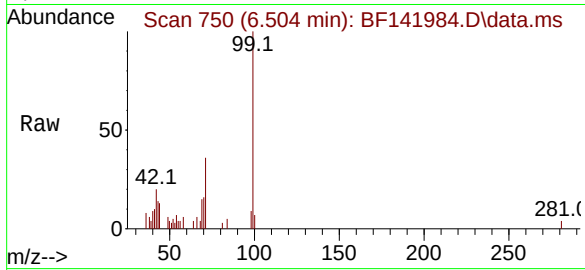




#7
Phenol-d6
Concen: 1.073 ng
RT: 6.504 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF141984.D
Acq: 17 Mar 2025 17:00

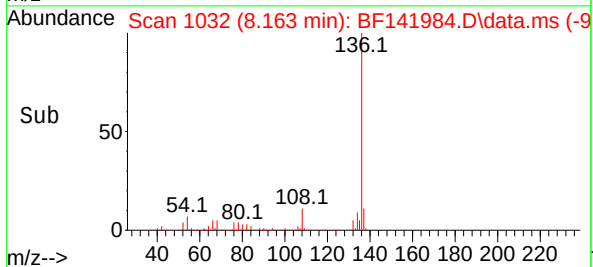
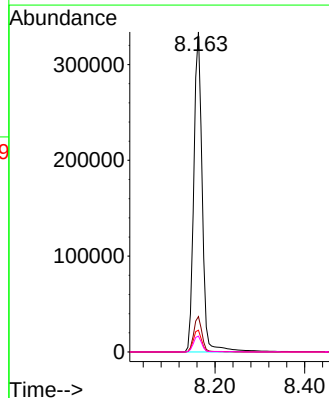
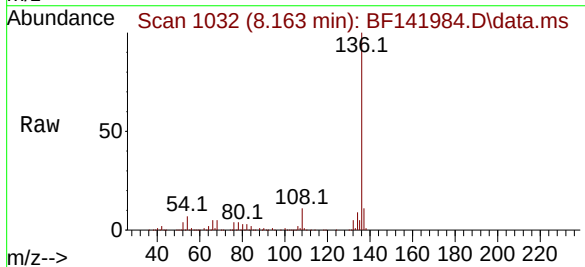
Instrument :
BNA_F
ClientSampleId :
WC1DL

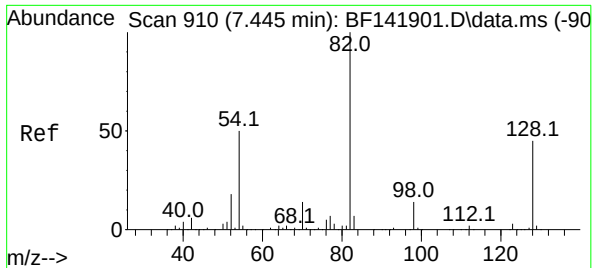
Tgt Ion:	99	Resp:	10016
Ion	Ratio	Lower	Upper
99	100		
42	20.4	14.6	21.8
71	36.2	30.8	46.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF141984.D
Acq: 17 Mar 2025 17:00

Tgt Ion:	136	Resp:	436760
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.8	5.8	8.8
68	5.0	4.1	6.1





#23

Nitrobenzene-d5

Concen: 0.885 ng

RT: 7.439 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF141984.D

Acq: 17 Mar 2025 17:00

Instrument :

BNA_F

ClientSampleId :

WC1DL

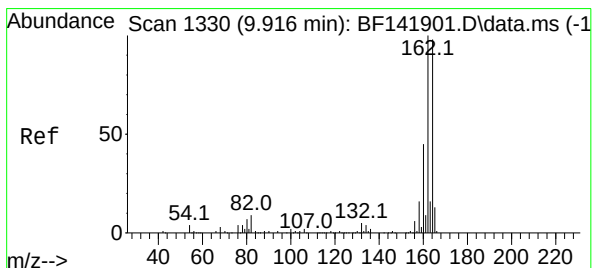
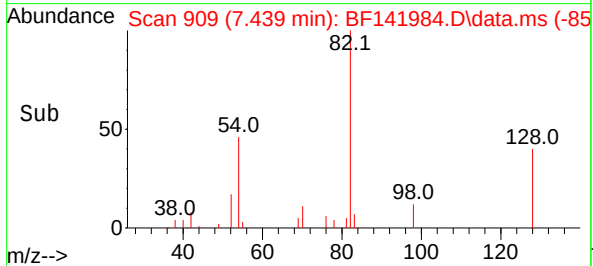
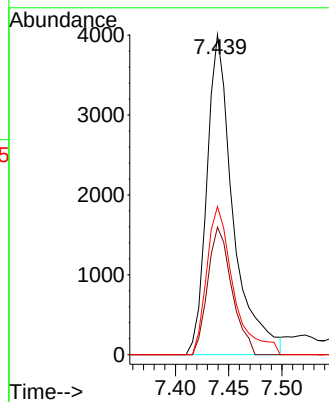
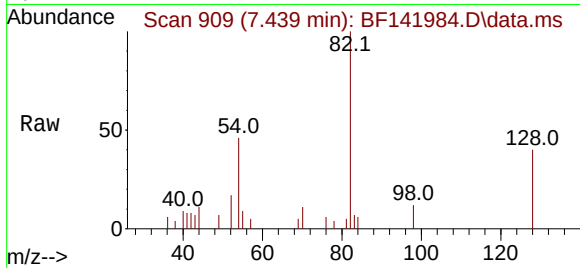
Tgt Ion: 82 Resp: 6872

Ion Ratio Lower Upper

82 100

128 39.9 36.0 54.0

54 46.3 39.6 59.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1330

Delta R.T. -0.000 min

Lab File: BF141984.D

Acq: 17 Mar 2025 17:00

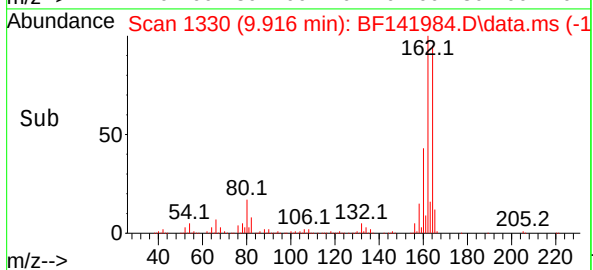
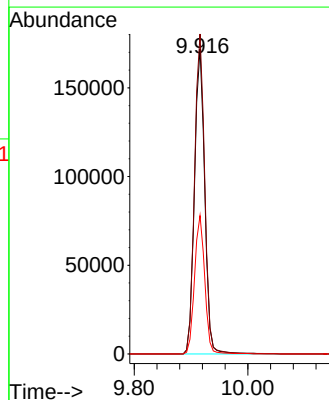
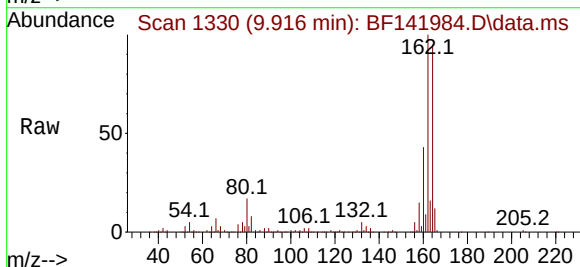
Tgt Ion:164 Resp: 216464

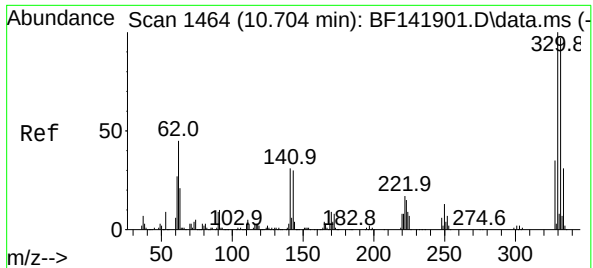
Ion Ratio Lower Upper

164 100

162 104.8 81.8 122.6

160 45.4 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 1.066 ng

RT: 10.704 min Scan# 1464

Delta R.T. 0.000 min

Lab File: BF141984.D

Acq: 17 Mar 2025 17:00

Instrument :

BNA_F

ClientSampleId :

WC1DL

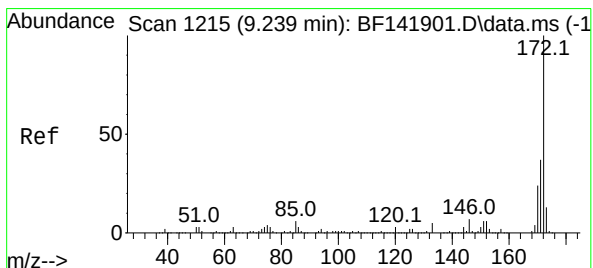
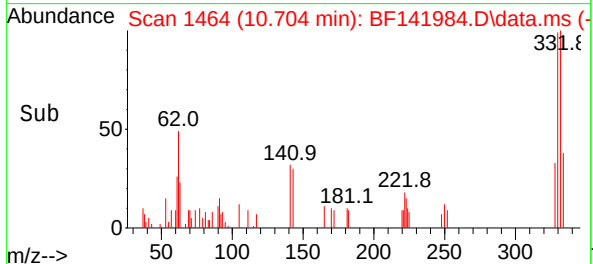
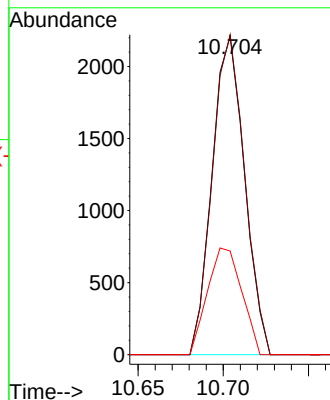
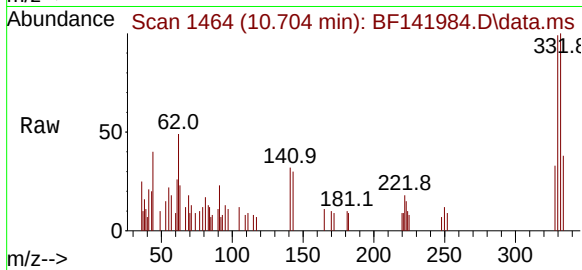
Tgt Ion:330 Resp: 2928

Ion Ratio Lower Upper

330 100

332 100.2 77.6 116.4

141 35.3 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 1.051 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF141984.D

Acq: 17 Mar 2025 17:00

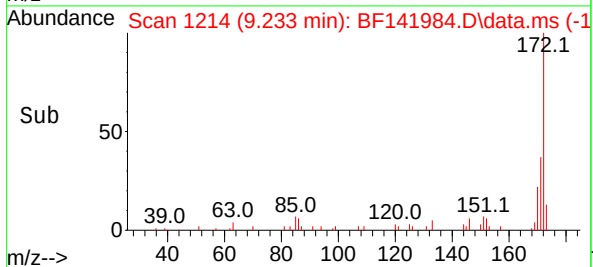
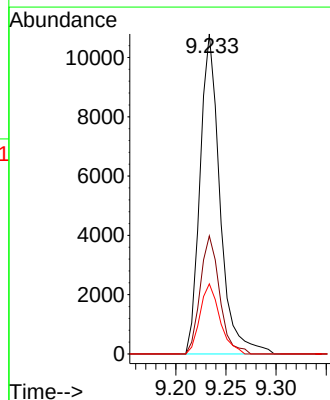
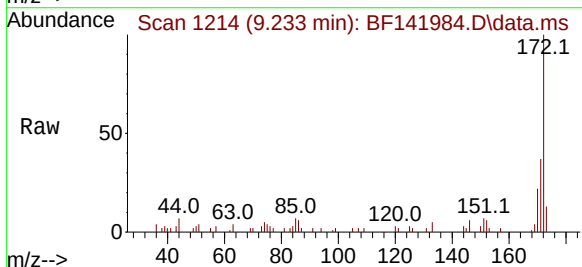
Tgt Ion:172 Resp: 14955

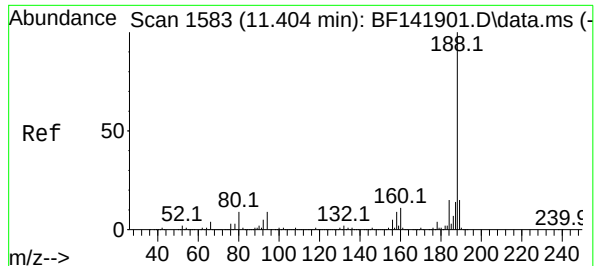
Ion Ratio Lower Upper

172 100

171 36.9 29.3 43.9

170 21.9 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF141984.D

Acq: 17 Mar 2025 17:00

Instrument :

BNA_F

ClientSampleId :

WC1DL

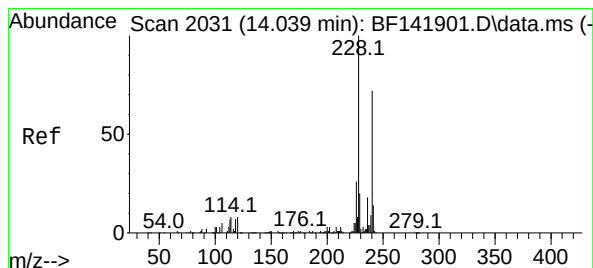
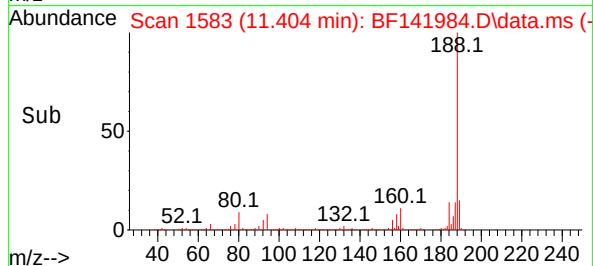
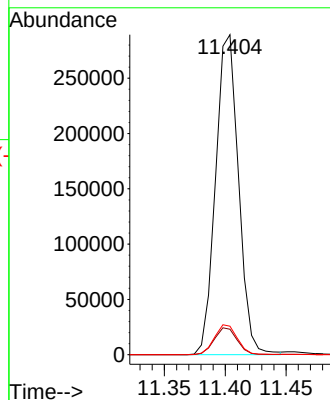
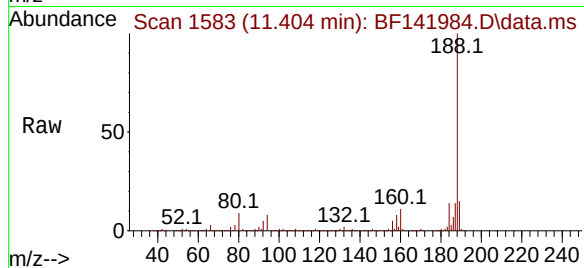
Tgt Ion:188 Resp: 380298

Ion Ratio Lower Upper

188 100

94 7.9 6.8 10.2

80 8.9 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF141984.D

Acq: 17 Mar 2025 17:00

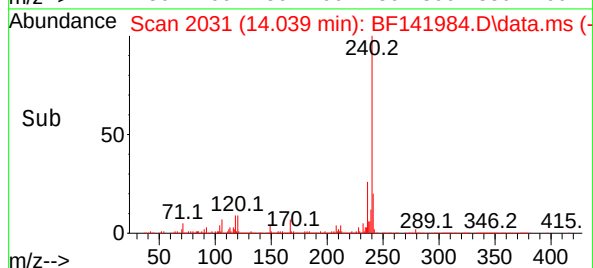
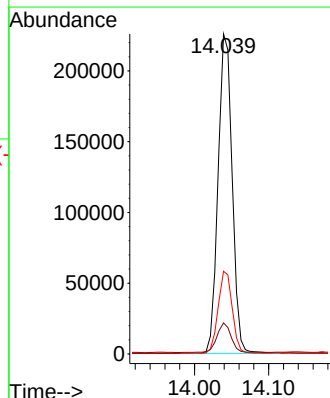
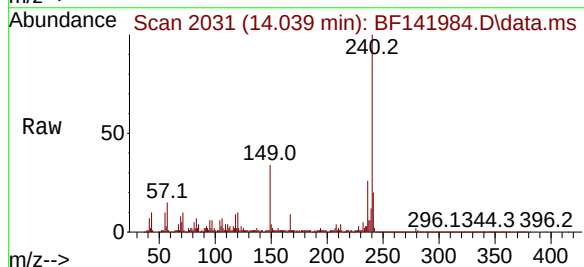
Tgt Ion:240 Resp: 298468

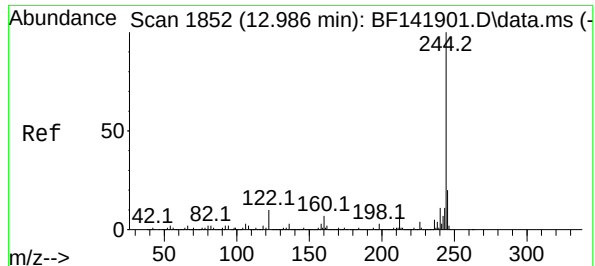
Ion Ratio Lower Upper

240 100

120 9.7 8.4 12.6

236 25.9 20.5 30.7





#79

Terphenyl-d14

Concen: 1.038 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BF141984.D

Acq: 17 Mar 2025 17:00

Instrument :

BNA_F

ClientSampleId :

WC1DL

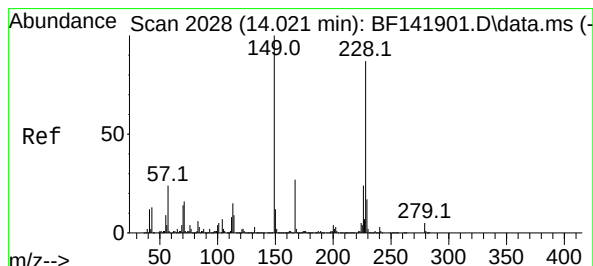
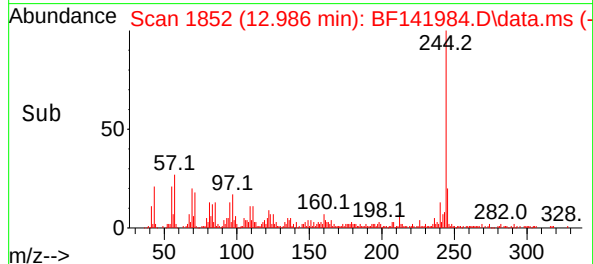
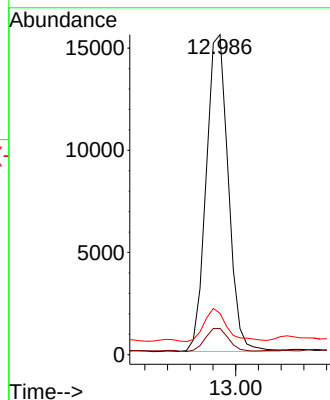
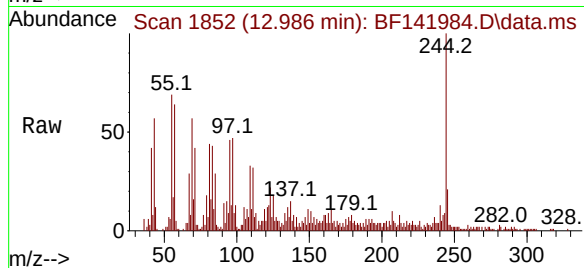
Tgt Ion:244 Resp: 20958

Ion Ratio Lower Upper

244 100

212 8.2 6.0 9.0

122 12.9 7.7 11.5#



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.827 ng

RT: 14.021 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF141984.D

Acq: 17 Mar 2025 17:00

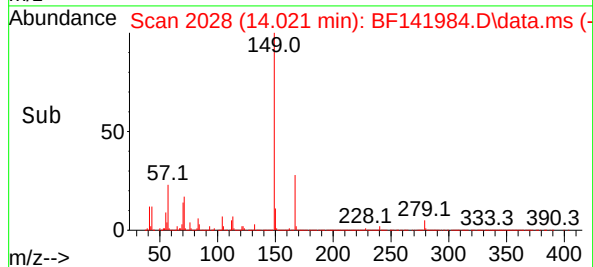
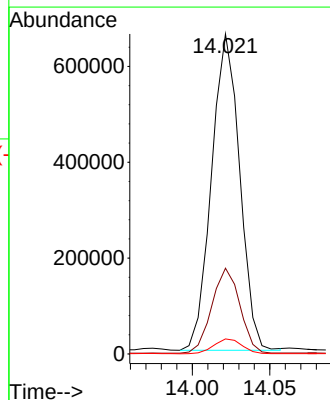
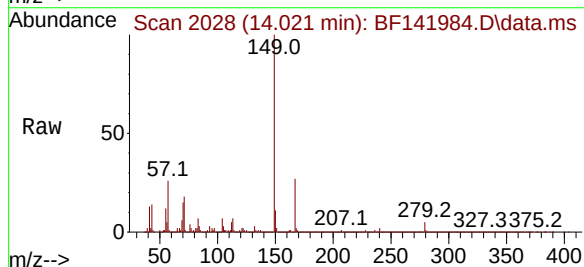
Tgt Ion:149 Resp: 833555

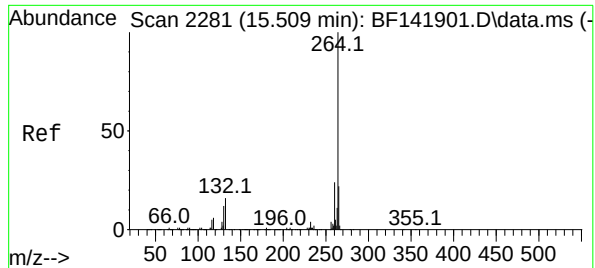
Ion Ratio Lower Upper

149 100

167 26.8 21.4 32.0

279 4.7 3.8 5.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2281

Delta R.T. 0.018 min

Lab File: BF141984.D

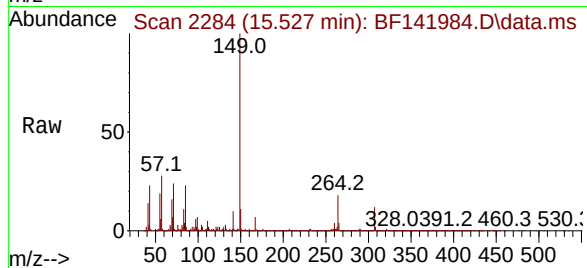
Acq: 17 Mar 2025 17:00

Instrument :

BNA_F

ClientSampleId :

WC1DL



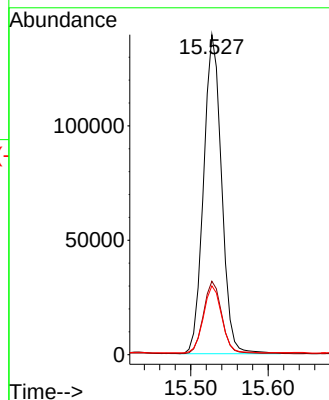
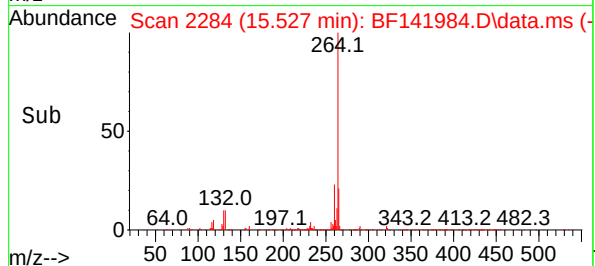
Tgt Ion:264 Resp: 224847

Ion Ratio Lower Upper

264 100

260 22.9 19.1 28.7

265 21.5 17.5 26.3





CALIBRATION SUMMARY

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01
 Lab Code: CHEM Case No.: Q1574 SAS No.: Q1574 SDG No.: Q1574
 Instrument ID: BNA_F Calibration Date(s): 03/10/2025 03/10/2025
 Calibration Time(s): 11:01 15:20

LAB FILE ID:		RRF2.5 = BF141897.D			RRF005 = BF141898.D		RRF010 = BF141899.D	
		RRF020 = BF141900.D			RRF040 = BF141901.D		RRF060 = BF141903.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF060	RRF	% RSD
2-Fluorophenol		1.267	1.243	1.298	1.148	1.146	1.198	5.8
Benzaldehyde			1.021	0.975	0.778	0.716	0.853	15.8
Phenol-d6		1.623	1.593	1.644	1.442	1.471	1.526	6.0
Phenol		1.708	1.675	1.747	1.536	1.532	1.605	6.3
bis(2-Chloroethyl) ether		1.287	1.246	1.281	1.144	1.176	1.205	5.4
2-Chlorophenol		1.421	1.354	1.434	1.259	1.284	1.329	5.6
2-Methylphenol		1.080	1.050	1.122	1.008	1.079	1.057	3.7
2,2-oxybis(1-Chloropropane)		1.591	1.525	1.534	1.363	1.472	1.455	7.1
Acetophenone		0.514	0.493	0.513	0.460	0.469	0.479	5.8
3+4-Methylphenols		1.449	1.394	1.470	1.294	1.334	1.354	6.5
n-Nitroso-di-n-propylamine	1.020	1.024	1.000	1.043	0.913	0.991	0.980	5.3
Nitrobenzene-d5		0.345	0.356	0.379	0.348	0.363	0.355	3.5
Hexachloroethane		0.545	0.551	0.576	0.517	0.560	0.544	3.8
Nitrobenzene		0.347	0.351	0.375	0.346	0.359	0.353	3.1
Isophorone		0.647	0.620	0.655	0.600	0.648	0.628	3.5
2-Nitrophenol		0.150	0.159	0.182	0.175	0.188	0.173	7.9
2,4-Dimethylphenol		0.247	0.234	0.251	0.231	0.244	0.239	3.5
bis(2-Chloroethoxy) methane		0.411	0.406	0.416	0.372	0.397	0.394	4.6
2,4-Dichlorophenol		0.292	0.295	0.309	0.286	0.303	0.296	2.5
Naphthalene		1.104	1.075	1.101	0.984	0.973	1.027	6.2
4-Chloroaniline		0.383	0.378	0.393	0.351	0.352	0.363	6.1
Hexachlorobutadiene		0.211	0.211	0.221	0.203	0.214	0.213	2.5
Caprolactam		0.092	0.089	0.094	0.084	0.090	0.090	4.0
4-Chloro-3-methylphenol		0.334	0.331	0.349	0.318	0.334	0.331	3.1
2-Methylnaphthalene		0.746	0.709	0.733	0.653	0.667	0.687	6.1
Hexachlorocyclopentadiene		0.204	0.221	0.249	0.250	0.252	0.238	8.0
2,4,6-Trichlorophenol		0.388	0.389	0.402	0.398	0.401	0.398	1.9
2-Fluorobiphenyl		1.430	1.379	1.379	1.254	1.246	1.315	5.9
2,4,5-Trichlorophenol		0.396	0.391	0.422	0.389	0.415	0.403	3.0
1,1-Biphenyl		1.636	1.573	1.591	1.454	1.431	1.520	5.3
2-Chloronaphthalene		1.197	1.141	1.181	1.091	1.090	1.133	3.8
2-Nitroaniline		0.296	0.314	0.346	0.322	0.332	0.328	6.1
Dimethylphthalate		1.481	1.414	1.469	1.329	1.345	1.401	4.5
Acenaphthylene		1.765	1.740	1.778	1.635	1.595	1.681	4.7

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.: Q1574 SAS No.: Q1574 SDG No.: Q1574
 Instrument ID: BNA_F Calibration Date(s): 03/10/2025 03/10/2025
 Calibration Time(s): 11:01 15:20

LAB FILE ID:		RRF2.5 = BF141897.D			RRF005 = BF141898.D		RRF010 = BF141899.D	
		RRF020 = BF141900.D			RRF040 = BF141901.D		RRF060 = BF141903.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF060	RRF	% RSD
2,6-Dinitrotoluene		0.277	0.279	0.305	0.285	0.296	0.292	4.1
3-Nitroaniline		0.291	0.295	0.316	0.293	0.301	0.296	3.6
Acenaphthene		1.236	1.195	1.231	1.146	1.165	1.181	3.4
2,4-Dinitrophenol			0.085	0.124	0.142	0.161	0.139	22.0
4-Nitrophenol		0.192	0.216	0.234	0.230	0.230	0.223	6.6
Dibenzofuran		1.849	1.787	1.791	1.614	1.596	1.688	6.9
2,4-Dinitrotoluene		0.365	0.382	0.402	0.375	0.383	0.381	2.9
Diethylphthalate		1.475	1.471	1.497	1.336	1.338	1.397	5.8
4-Chlorophenyl-phenylether		0.730	0.688	0.702	0.643	0.656	0.679	4.4
Fluorene		1.443	1.361	1.381	1.229	1.234	1.302	7.0
4-Nitroaniline		0.284	0.288	0.304	0.288	0.286	0.288	2.7
4,6-Dinitro-2-methylphenol			0.083	0.111	0.121	0.133	0.119	16.6
n-Nitrosodiphenylamine		0.675	0.651	0.671	0.620	0.638	0.647	3.0
2,4,6-Tribromophenol		0.234	0.236	0.259	0.250	0.265	0.254	5.7
4-Bromophenyl-phenylether		0.240	0.249	0.255	0.244	0.245	0.251	3.6
Hexachlorobenzene		0.262	0.267	0.284	0.269	0.271	0.275	3.9
Atrazine		0.216	0.213	0.193	0.164		0.198	10.7
Pentachlorophenol		0.130	0.151	0.172	0.177	0.186	0.170	12.7
Phenanthrene		1.155	1.151	1.138	1.038	1.032	1.080	5.9
Anthracene		1.173	1.139	1.139	1.046	1.036	1.084	5.9
Carbazole		0.996	0.994	0.985	0.908	0.892	0.935	5.9
Di-n-butylphthalate		1.320	1.321	1.319	1.177	1.175	1.240	6.5
Fluoranthene		1.234	1.226	1.228	1.108	1.059	1.146	7.7
Pyrene		1.695	1.651	1.727	1.611	1.823	1.730	5.4
Terphenyl-d14		1.343	1.309	1.360	1.276	1.417	1.353	3.6
Butylbenzylphthalate		0.629	0.656	0.702	0.655	0.717	0.677	4.7
3,3-Dichlorobenzidine		0.370	0.389	0.380	0.372	0.394	0.379	2.8
Benzo (a) anthracene		1.370	1.304	1.334	1.273	1.317	1.312	2.4
Chrysene		1.143	1.194	1.260	1.136	1.213	1.190	3.5
Bis (2-ethylhexyl) phthalate		0.897	0.912	0.966	0.904	0.952	0.934	3.4
Di-n-octyl phthalate		1.145	1.219	1.338	1.265	1.390	1.299	7.1
Benzo (b) fluoranthene		1.420	1.310	1.485	1.210	1.390	1.371	6.6
Benzo (k) fluoranthene		1.162	1.268	1.197	1.205	1.210	1.173	6.2
Benzo (a) pyrene		1.040	1.042	1.123	1.036	1.083	1.073	3.2
Indeno (1,2,3-cd) pyrene		1.097	1.142	1.308	1.287	1.472	1.294	10.6

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.: Q1574 SAS No.: Q1574 SDG No.: Q1574
 Instrument ID: BNA_F Calibration Date(s): 03/10/2025 03/10/2025
 Calibration Time(s): 11:01 15:20

LAB FILE ID:		RRF2.5 = BF141897.D		RRF005 = BF141898.D		RRF010 = BF141899.D		
		RRF020 = BF141900.D		RRF040 = BF141901.D		RRF060 = BF141903.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF060	RRF	% RSD
Dibenzo (a,h) anthracene		0.910	0.953	1.073	1.068	1.195	1.067	9.9
Benzo (g,h,i) perylene		0.912	0.949	1.061	1.065	1.167	1.055	9.2
1,2,4,5-Tetrachlorobenzene		0.615	0.604	0.626	0.592	0.606	0.609	2.1
1,4-Dioxane		0.490	0.482	0.536	0.504	0.501	0.502	3.4
2,3,4,6-Tetrachlorophenol		0.355	0.365	0.390	0.359	0.366	0.367	3.0

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF031025.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Mon Mar 10 15:46:22 2025
 Response Via : Initial Calibration

Calibration Files

2.5 =BF141897.D 5 =BF141898.D 10 =BF141899.D 20 =BF141900.D 40 =BF141901.D 50 =BF141905.D 60 =BF141903.D 80 =BF141904.D

	Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane	0.490	0.482	0.536	0.504	0.495	0.501	0.508	0.502		3.43
3)	Pyridine	1.217	1.204	1.334	1.221	1.203	1.209	1.233	1.232		3.77
4)	n-Nitrosodimet...	0.554	0.556	0.621	0.583	0.595	0.594	0.607	0.587		4.26
5) S	2-Fluorophenol	1.267	1.243	1.298	1.148	1.162	1.146	1.124	1.198		5.79
6)	Aniline	1.599	1.602	1.640	1.465	1.443	1.435	1.351	1.505		7.20
7) S	Phenol-d6	1.623	1.593	1.644	1.442	1.483	1.471	1.424	1.526		5.99
8)	2-Chlorophenol	1.421	1.354	1.434	1.259	1.295	1.284	1.256	1.329		5.63
9)	Benzaldehyde		1.021	0.975	0.778	0.778	0.716		0.853		15.85
10) C	Phenol	1.708	1.675	1.747	1.536	1.542	1.532	1.496	1.605		6.30
11)	bis(2-Chloroet...	1.287	1.246	1.281	1.144	1.175	1.176	1.127	1.205		5.43
12)	1,3-Dichlorobe...	1.475	1.489	1.538	1.373	1.401	1.401	1.367	1.435		4.59
13) C	1,4-Dichlorobe...	1.514	1.503	1.548	1.393	1.408	1.420	1.376	1.452		4.71
14)	1,2-Dichlorobe...	1.461	1.417	1.460	1.303	1.315	1.343	1.273	1.367		5.69
15)	Benzyl Alcohol	1.236	1.252	1.322	1.185	1.214	1.246	1.180	1.233		3.91
16)	2,2'-oxybis(1-...	1.591	1.525	1.534	1.363	1.387	1.472	1.313	1.455		7.07
17)	2-Methylphenol	1.080	1.050	1.122	1.008	1.038	1.079	1.021	1.057		3.73
18)	Hexachloroethane	0.545	0.551	0.576	0.517	0.540	0.560	0.522	0.544		3.76
19) P	n-Nitroso-di-n...	1.020	1.024	1.000	1.043	0.913	0.940	0.991	0.912	0.980	5.29
20)	3+4-Methylphenols	1.449	1.394	1.470	1.294	1.311	1.334	1.223	1.354		6.55
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone	0.514	0.493	0.513	0.460	0.450	0.469	0.453	0.479		5.76
23) S	Nitrobenzene-d5	0.345	0.356	0.379	0.348	0.344	0.363	0.353	0.355		3.47
24)	Nitrobenzene	0.347	0.351	0.375	0.346	0.343	0.359	0.352	0.353		3.07
25)	Isophorone	0.647	0.620	0.655	0.600	0.605	0.648	0.622	0.628		3.49
26) C	2-Nitrophenol	0.150	0.159	0.182	0.175	0.179	0.188	0.181	0.173		7.88
27)	2,4-Dimethylph...	0.247	0.234	0.251	0.231	0.233	0.244	0.232	0.239		3.45
28)	bis(2-Chloroet...	0.411	0.406	0.416	0.372	0.377	0.397	0.378	0.394		4.63
29) C	2,4-Dichloroph...	0.292	0.295	0.309	0.286	0.295	0.303	0.294	0.296		2.54
30)	1,2,4-Trichlor...	0.337	0.325	0.342	0.310	0.318	0.333	0.322	0.327		3.50
31)	Naphthalene	1.104	1.075	1.101	0.984	1.001	0.973	0.954	1.027		6.22
32)	Benzoic acid		0.149	0.191	0.208	0.228	0.242	0.241	0.210		17.07
33)	4-Chloroaniline	0.383	0.378	0.393	0.351	0.354	0.352	0.329	0.363		6.14
34) C	Hexachlorobuta...	0.211	0.211	0.221	0.203	0.214	0.214	0.216	0.213		2.52
35)	Caprolactam	0.092	0.089	0.094	0.084	0.088	0.090	0.094	0.090		4.00
36) C	4-Chloro-3-met...	0.334	0.331	0.349	0.318	0.329	0.334	0.320	0.331		3.13
37)	2-Methylnaphth...	0.746	0.709	0.733	0.653	0.655	0.667	0.645	0.687		6.09
38)	1-Methylnaphth...	0.717	0.691	0.721	0.623	0.619	0.647	0.620	0.663		6.95

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF031025.M

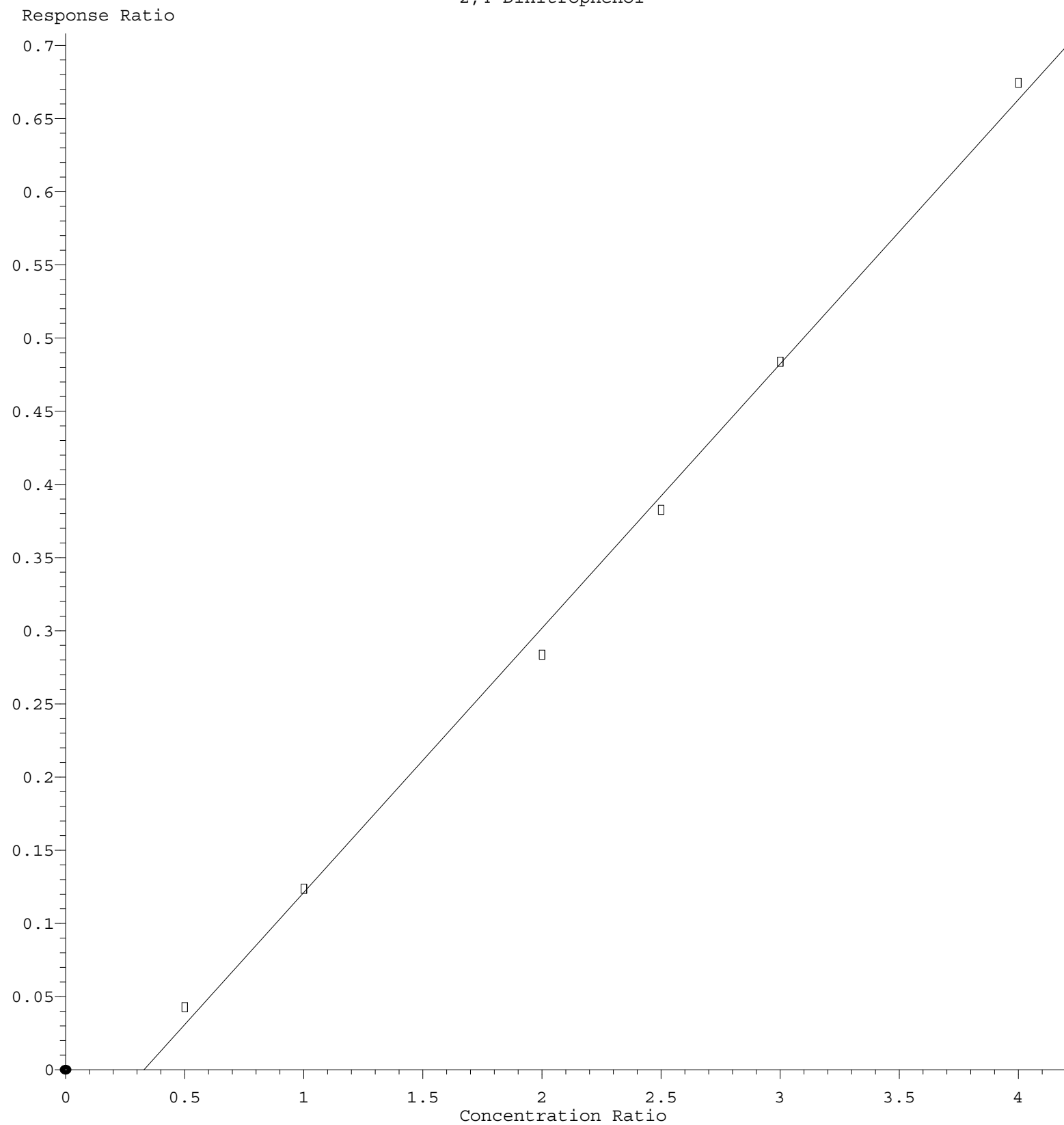
39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.615	0.604	0.626	0.592	0.597	0.606	0.623	0.609	2.11	
41) P	Hexachlorocycl...	0.204	0.221	0.249	0.250	0.237	0.252	0.256	0.238	8.03	
42) S	2,4,6-Tribromo...	0.234	0.236	0.259	0.250	0.259	0.265	0.272	0.254	5.67	
43) C	2,4,6-Trichlor...	0.388	0.389	0.402	0.398	0.400	0.401	0.409	0.398	1.91	
44)	2,4,5-Trichlor...	0.396	0.391	0.422	0.389	0.400	0.415	0.407	0.403	3.05	
45) S	2-Fluorobiphenyl	1.430	1.379	1.379	1.254	1.272	1.246	1.246	1.315	5.95	
46)	1,1'-Biphenyl	1.636	1.573	1.591	1.454	1.502	1.431	1.450	1.520	5.29	
47)	2-Chloronaphth...	1.197	1.141	1.181	1.091	1.129	1.090	1.100	1.133	3.82	
48)	2-Nitroaniline	0.296	0.314	0.346	0.322	0.356	0.332	0.330	0.328	6.08	
49)	Acenaphthylene	1.765	1.740	1.778	1.635	1.664	1.595	1.589	1.681	4.74	
50)	Dimethylphthalate	1.481	1.414	1.469	1.329	1.425	1.345	1.341	1.401	4.47	
51)	2,6-Dinitrotol...	0.277	0.279	0.305	0.285	0.307	0.296	0.292	0.292	4.11	
52) C	Acenaphthene	1.236	1.195	1.231	1.146	1.144	1.165	1.152	1.181	3.37	
53)	3-Nitroaniline	0.291	0.295	0.316	0.293	0.283	0.301	0.291	0.296	3.61	
54) P	2,4-Dinitrophenol		0.085	0.124	0.142	0.153	0.161	0.169	0.139	22.02	
55)	Dibenzofuran	1.849	1.787	1.791	1.614	1.607	1.596	1.570	1.688	6.87	
56) P	4-Nitrophenol	0.192	0.216	0.234	0.230	0.229	0.230	0.230	0.223	6.60	
57)	2,4-Dinitrotol...	0.365	0.382	0.402	0.375	0.383	0.383	0.376	0.381	2.95	
58)	Fluorene	1.443	1.361	1.381	1.229	1.243	1.234	1.220	1.302	7.01	
59)	2,3,4,6-Tetrac...	0.355	0.365	0.390	0.359	0.364	0.366	0.369	0.367	3.05	
60)	Diethylphthalate	1.475	1.471	1.497	1.336	1.357	1.338	1.302	1.397	5.80	
61)	4-Chlorophenyl...	0.730	0.688	0.702	0.643	0.664	0.656	0.667	0.679	4.41	
62)	4-Nitroaniline	0.284	0.288	0.304	0.288	0.287	0.286	0.278	0.288	2.73	
63)	Azobenzene	1.392	1.363	1.404	1.245	1.261	1.226	1.197	1.298	6.57	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...		0.083	0.111	0.121	0.130	0.133	0.137	0.119	16.61	
66) c	n-Nitrosodiphe...	0.675	0.651	0.671	0.620	0.638	0.638	0.637	0.647	3.03	
67)	4-Bromophenyl-...	0.240	0.249	0.255	0.244	0.263	0.245	0.262	0.251	3.55	
68)	Hexachlorobenzene	0.262	0.267	0.284	0.269	0.283	0.271	0.292	0.275	3.92	
69)	Atrazine	0.216	0.213	0.193	0.164	0.206			0.198	10.72	
70) C	Pentachlorophenol	0.130	0.151	0.172	0.177	0.180	0.186	0.191	0.170	12.66	
71)	Phenanthrene	1.155	1.151	1.138	1.038	1.026	1.032	1.023	1.080	5.90	
72)	Anthracene	1.173	1.139	1.139	1.046	1.026	1.036	1.026	1.084	5.89	
73)	Carbazole	0.996	0.994	0.985	0.908	0.903	0.892	0.864	0.935	5.91	
74)	Di-n-butylphth...	1.320	1.321	1.319	1.177	1.238	1.175	1.132	1.240	6.50	
75) C	Fluoranthene	1.234	1.226	1.228	1.108	1.148	1.059	1.017	1.146	7.66	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.347	0.309	0.190	0.360	0.220	0.275	0.252	0.279	22.73	
78)	Pyrene	1.695	1.651	1.727	1.611	1.877	1.823	1.726	1.730	5.38	
79) S	Terphenyl-d14	1.343	1.309	1.360	1.276	1.380	1.417	1.384	1.353	3.56	
80)	Butylbenzylpht...	0.629	0.656	0.702	0.655	0.703	0.717	0.677	0.677	4.72	
81)	Benzo(a)anthra...	1.370	1.304	1.334	1.273	1.294	1.317	1.294	1.312	2.41	
82)	3,3'-Dichlorob...	0.370	0.389	0.380	0.372	0.365	0.394	0.384	0.379	2.78	
83)	Chrysene	1.143	1.194	1.260	1.136	1.192	1.213	1.189	1.190	3.53	
84)	Bis(2-ethylhex...	0.897	0.912	0.966	0.904	0.978	0.952	0.927	0.934	3.43	
85) c	Di-n-octyl pht...	1.145	1.219	1.338	1.265	1.376	1.390	1.361	1.299	7.10	

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF031025.M

86) I	Perylene-d12	-----ISTD-----								
87)	Indeno(1,2,3-c...	1.097	1.142	1.308	1.287	1.322	1.472	1.429	1.294	10.60
88)	Benzo(b)fluora...	1.420	1.310	1.485	1.210	1.346	1.390	1.434	1.371	6.65
89)	Benzo(k)fluora...	1.162	1.268	1.197	1.205	1.129	1.210	1.041	1.173	6.16
90) C	Benzo(a)pyrene	1.040	1.042	1.123	1.036	1.083	1.083	1.101	1.073	3.16
91)	Dibenzo(a,h)an...	0.910	0.953	1.073	1.068	1.095	1.195	1.178	1.067	9.91
92)	Benzo(g,h,i)pe...	0.912	0.949	1.061	1.065	1.064	1.167	1.167	1.055	9.24

(#) = Out of Range

2,4-Dinitrophenol



Response = $1.805 \times 10^{-1} \times \text{Amt} - 5.933 \times 10^{-2}$
Coef of Det (r^2) = 0.997436 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF031025.M
Calibration Table Last Updated: Mon Mar 10 15:46:22 2025

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141897.D
Acq On : 10 Mar 2025 11:01
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Mar 10 15:31:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:01:52 2025
Response via : Initial Calibration

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

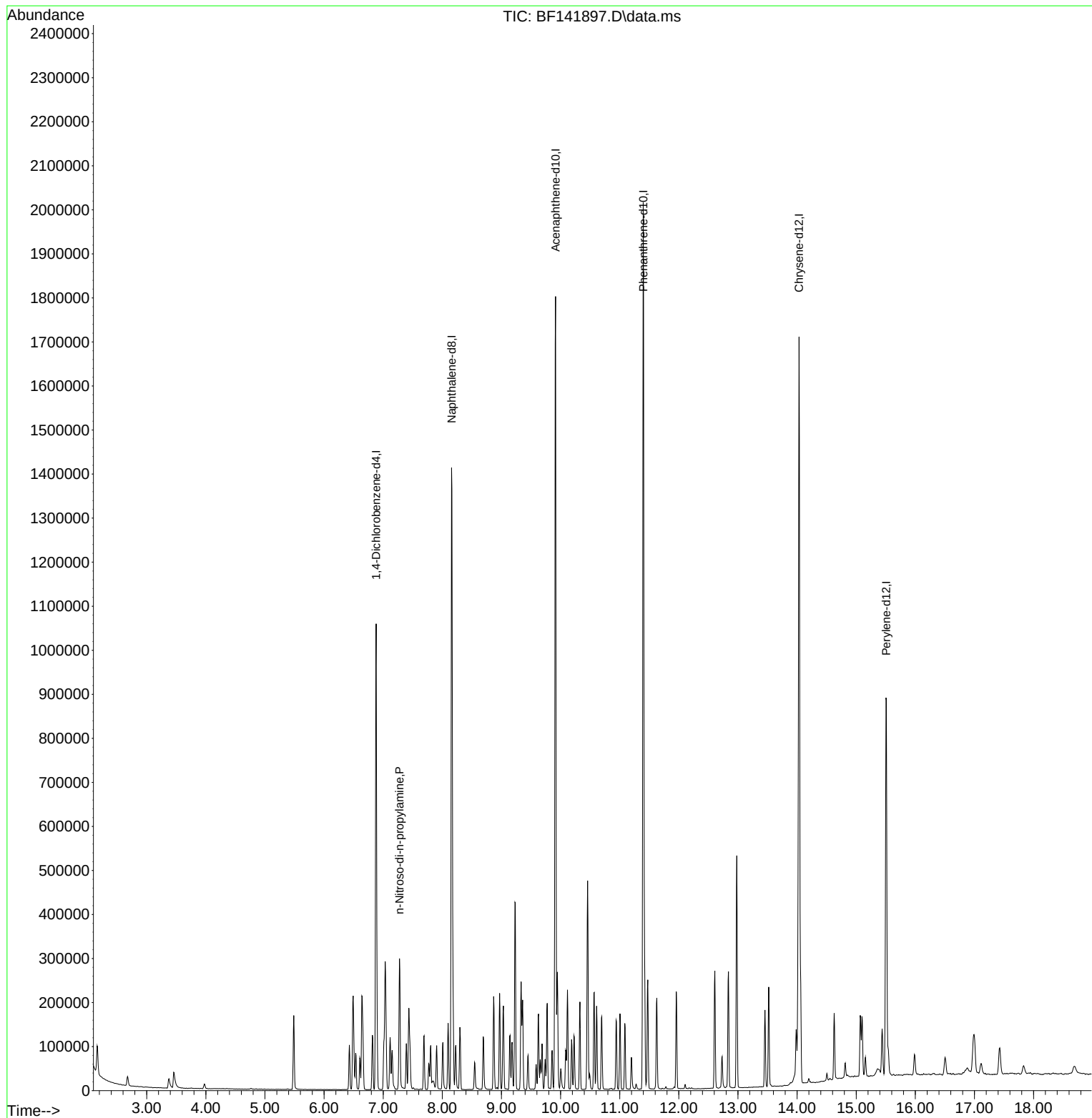
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	218163	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	918034	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	548310	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	1010378	20.000	ng	0.00
76) Chrysene-d12	14.033	240	740344	20.000	ng	0.00
86) Perylene-d12	15.509	264	520745	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...	7.275	70	27816	2.599	ng	94

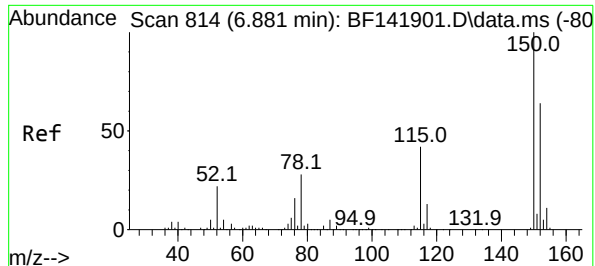
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141897.D
Acq On : 10 Mar 2025 11:01
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

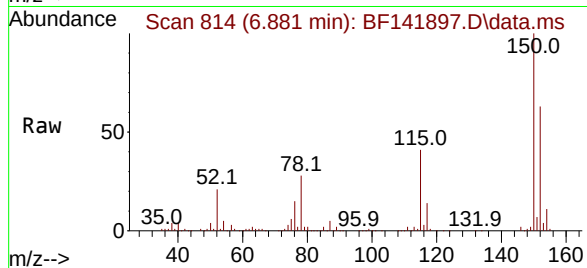
Quant Time: Mar 10 15:31:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:01:52 2025
Response via : Initial Calibration



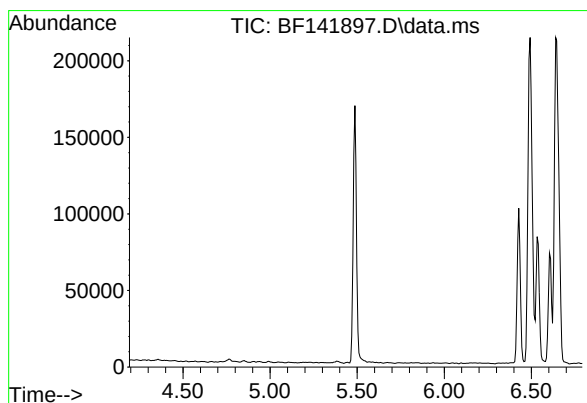
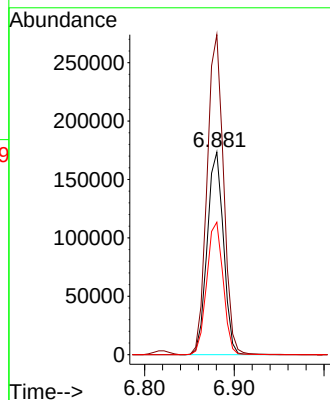
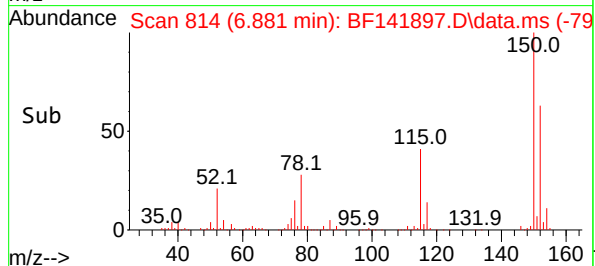


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF141897.D
Acq: 10 Mar 2025 11:01

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5



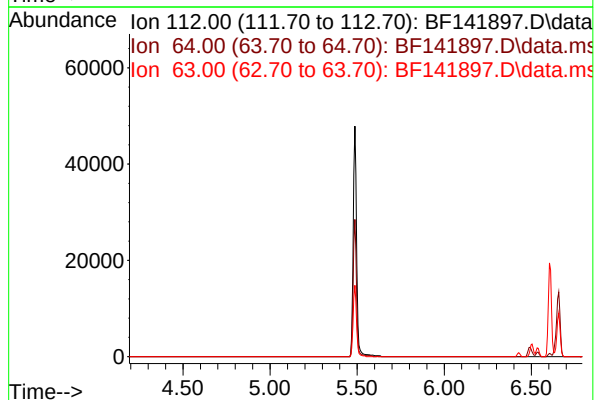
Tgt Ion:152 Resp: 218163
Ion Ratio Lower Upper
152 100
150 158.0 127.4 191.2
115 65.4 51.9 77.9



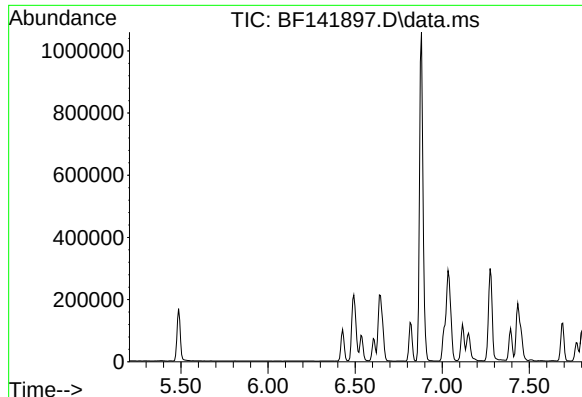
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.49 min

Lab File: BF141897.D
Acq: 10 Mar 2025 11:01

Tgt Ion: 112
Sig Exp Ratio
112 100
64 58.1
63 31.8



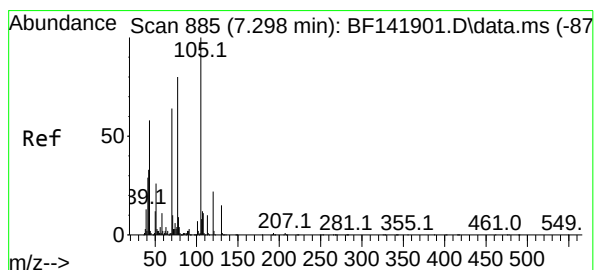
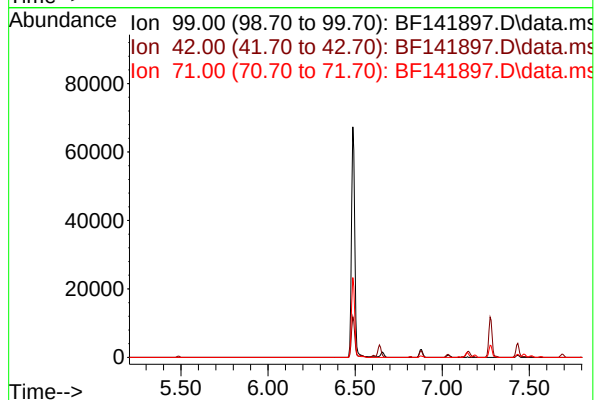
Ion 64.00 (63.70 to 64.70): BF141897.D\data.ms
Ion 63.00 (62.70 to 63.70): BF141897.D\data.ms



#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.50 min
Lab File: BF141897.D
Acq: 10 Mar 2025 11:01

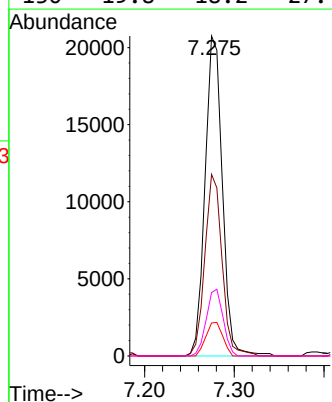
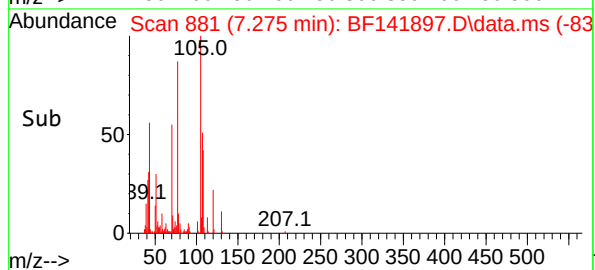
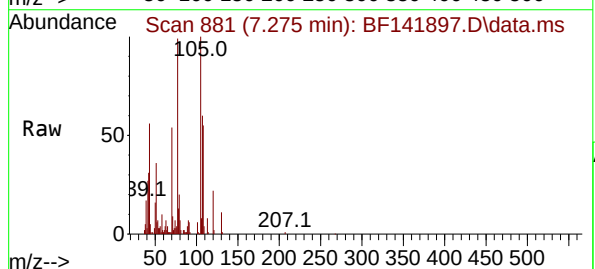
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

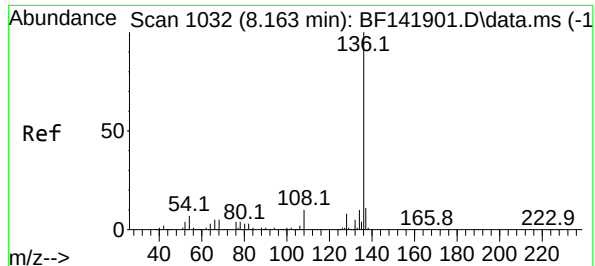
Tgt Ion: 99
Sig Exp Ratio
99 100
42 18.2
71 38.5



#19
n-Nitroso-di-n-propylamine
Concen: 2.599 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.024 min
Lab File: BF141897.D
Acq: 10 Mar 2025 11:01

Tgt Ion: 70 Resp: 27816
Ion Ratio Lower Upper
70 100
42 56.8 41.4 62.0
101 10.3 8.2 12.2
130 19.8 18.2 27.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141897.D

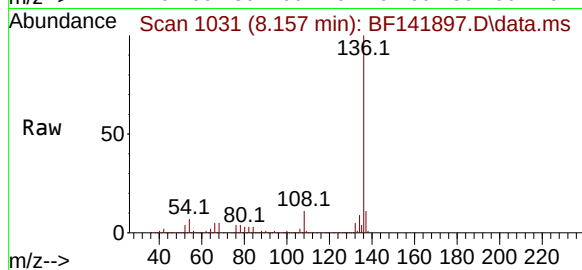
Acq: 10 Mar 2025 11:01

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



Tgt Ion:136 Resp: 918034

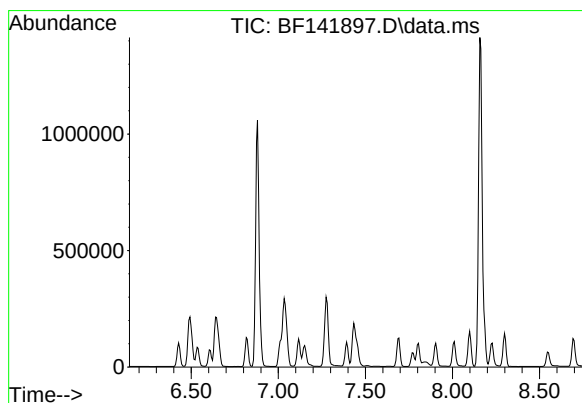
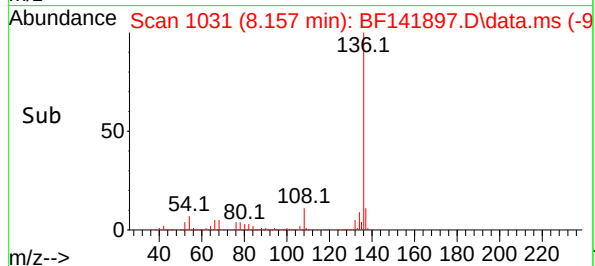
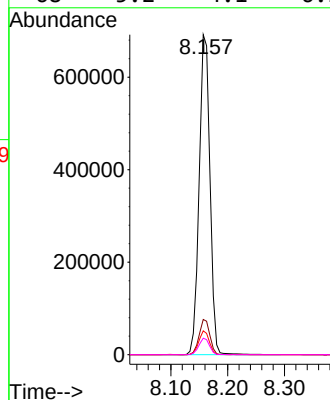
Ion	Ratio	Lower	Upper

136	100		

137	11.0	8.8	13.2

54	7.5	5.8	8.8

68	5.2	4.1	6.1



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 7.45 min

Lab File: BF141897.D

Acq: 10 Mar 2025 11:01

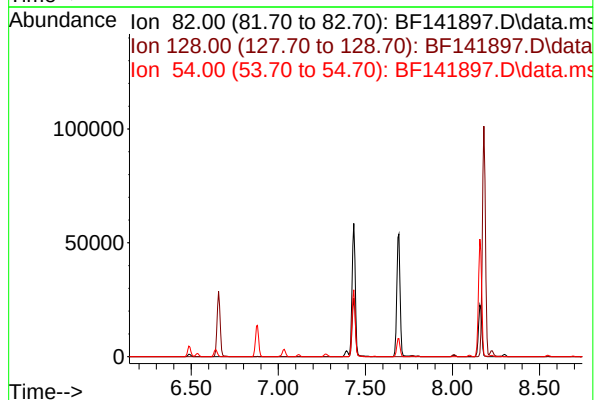
Tgt Ion: 82

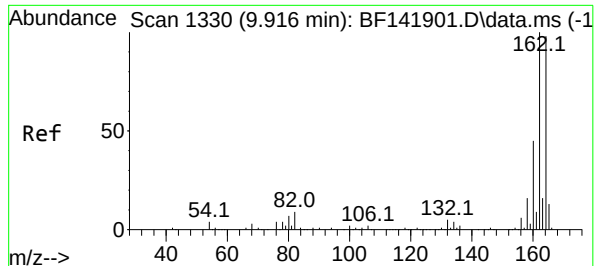
Sig	Exp Ratio

82	100

128	45.0

54	49.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF141897.D

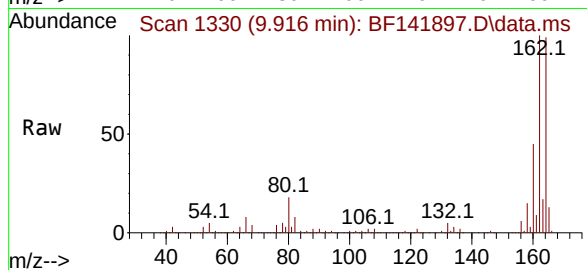
Acq: 10 Mar 2025 11:01

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



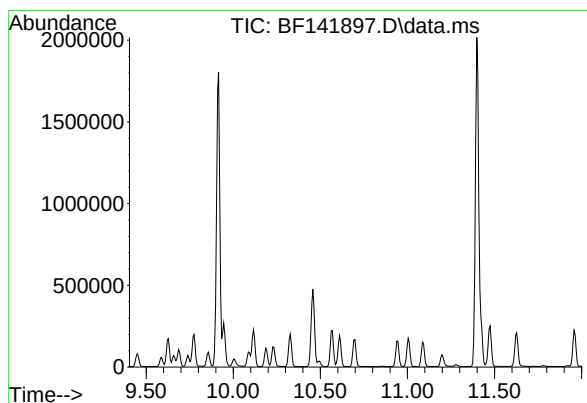
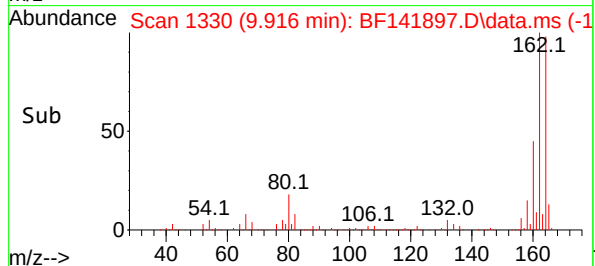
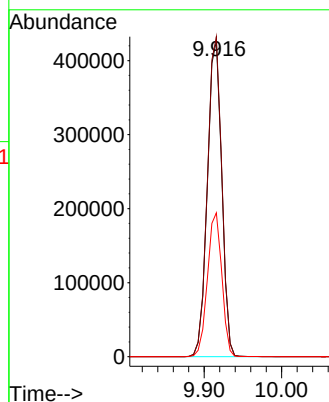
Tgt Ion:164 Resp: 548310

Ion Ratio Lower Upper

164 100

162 101.3 81.8 122.6

160 45.5 36.7 55.1



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.70 min

Lab File: BF141897.D

Acq: 10 Mar 2025 11:01

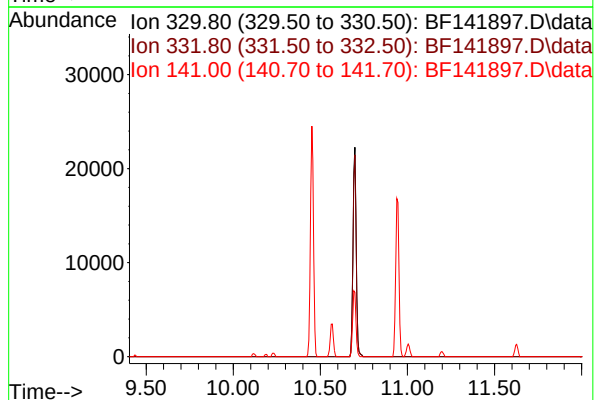
Tgt Ion: 330

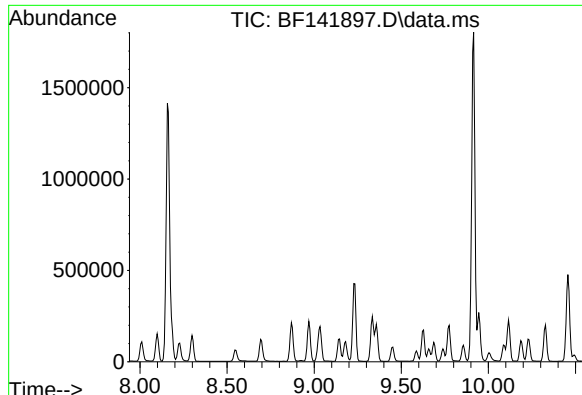
Sig Exp Ratio

330 100

332 97.0

141 30.9





#45

2-Fluorobiphenyl

Concen: 0.000 ng

Expected RT: 9.24 min

Lab File: BF141897.D

Acq: 10 Mar 2025 11:01

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

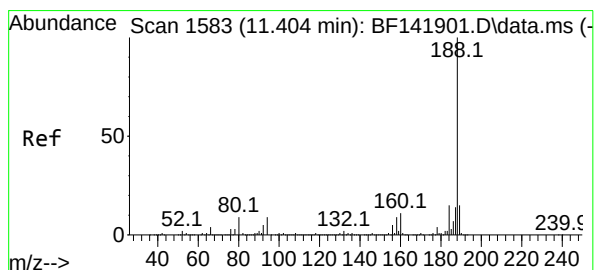
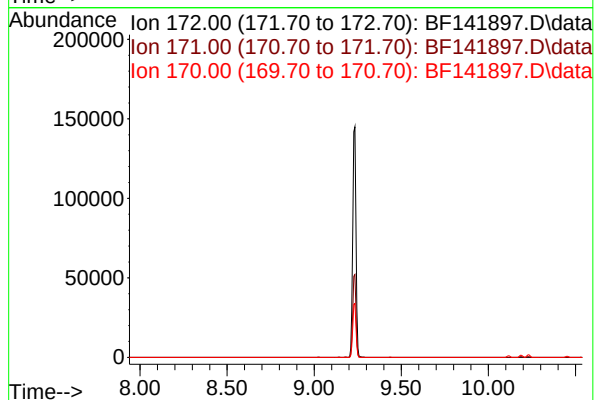
Tgt Ion: 172

Sig Exp Ratio

172 100

171 36.6

170 24.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF141897.D

Acq: 10 Mar 2025 11:01

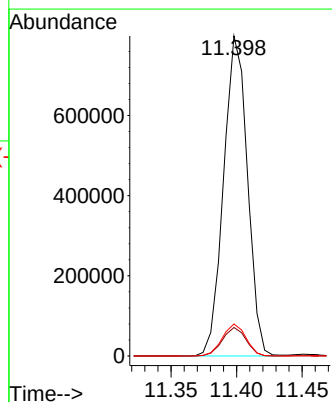
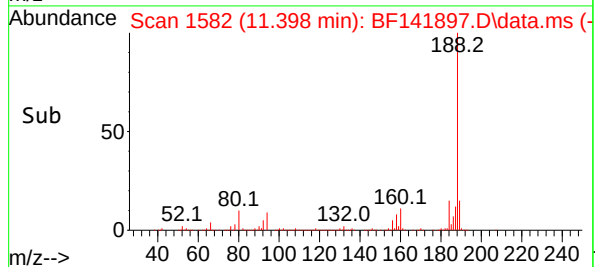
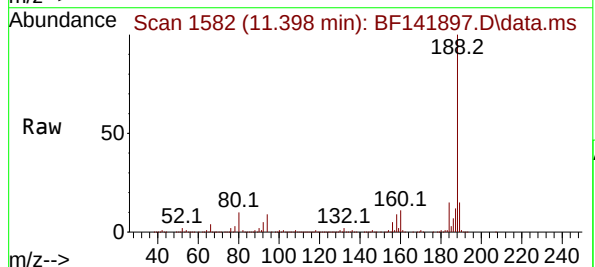
Tgt Ion:188 Resp: 1010378

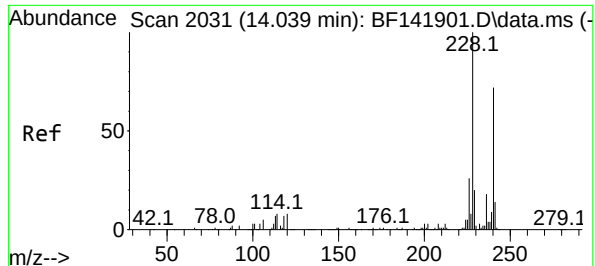
Ion Ratio Lower Upper

188 100

94 8.9 6.8 10.2

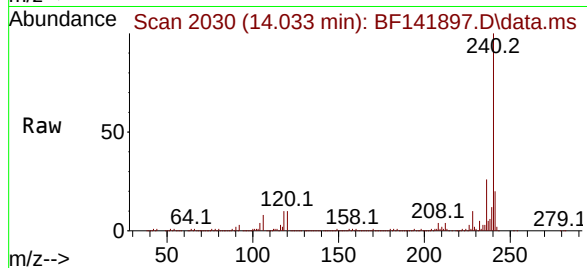
80 10.0 7.6 11.4



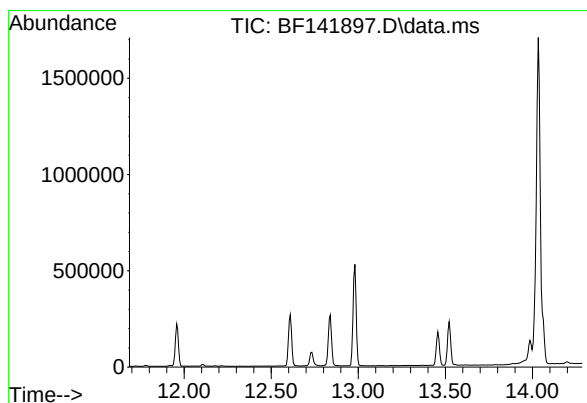
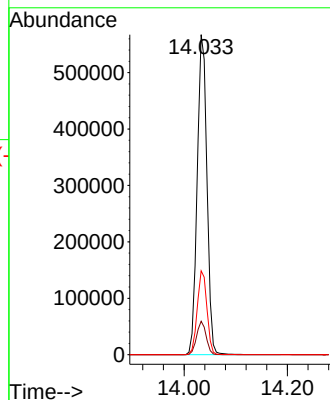
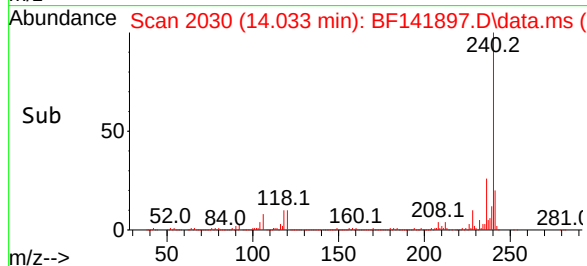


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF141897.D
Acq: 10 Mar 2025 11:01

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5



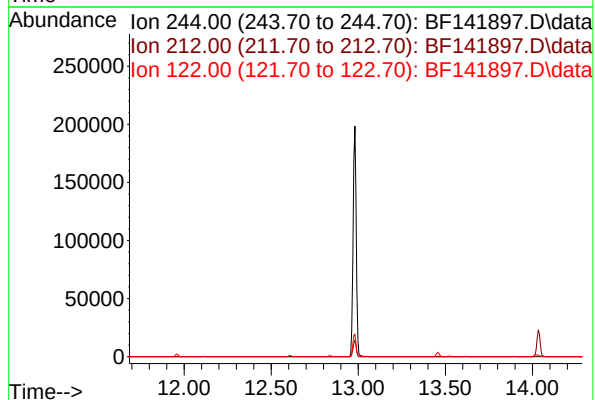
Tgt Ion:240 Resp: 740344
Ion Ratio Lower Upper
240 100
120 10.5 8.4 12.6
236 26.2 20.5 30.7

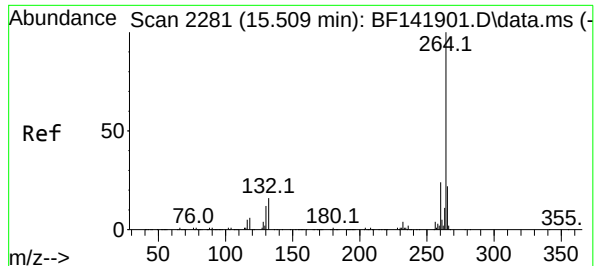


#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 12.99 min

Lab File: BF141897.D
Acq: 10 Mar 2025 11:01

Tgt Ion: 244
Sig Exp Ratio
244 100
212 7.5
122 9.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.509 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF141897.D

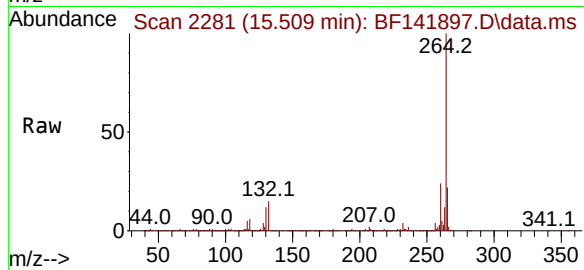
Acq: 10 Mar 2025 11:01

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



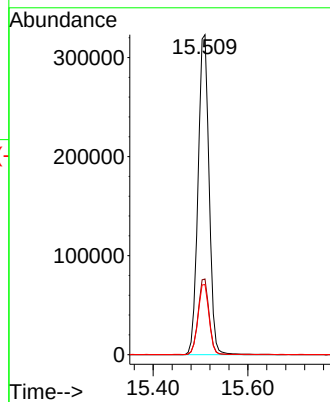
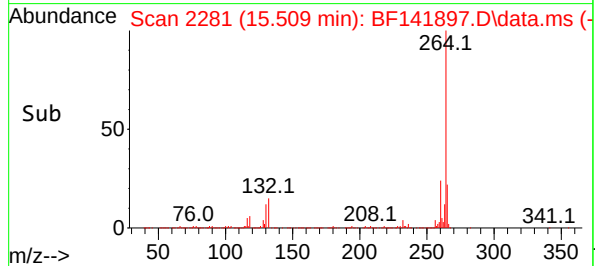
Tgt Ion:264 Resp: 520745

Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

265 21.9 17.5 26.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
 Data File : BF141898.D
 Acq On : 10 Mar 2025 11:30
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Quant Time: Mar 10 15:32:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:01:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	230406	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	926118	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	546702	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	1002901	20.000	ng	0.00
76) Chrysene-d12	14.033	240	745624	20.000	ng	0.00
86) Perylene-d12	15.504	264	527129	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	145959	10.570	ng	0.00
7) Phenol-d6	6.486	99	186951	10.630	ng	-0.02
23) Nitrobenzene-d5	7.433	82	159777	9.670	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	63996	9.238	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	390913	10.888	ng	0.00
79) Terphenyl-d14	12.980	244	500607	9.924	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	28210	4.874	ng	99
3) Pyridine	3.451	79	70090	4.928	ng	99
4) n-Nitrosodimethylamine	3.369	42	31893	4.717	ng	# 99
6) Aniline	6.534	93	92116	5.305	ng	100
8) 2-Chlorophenol	6.657	128	81845	5.347	ng	98
10) Phenol	6.504	94	98369	5.301	ng	96
11) bis(2-Chloroethyl)ether	6.604	93	74158	5.334	ng	98
12) 1,3-Dichlorobenzene	6.816	146	84952	5.136	ng	100
13) 1,4-Dichlorobenzene	6.898	146	87237	5.213	ng	98
14) 1,2-Dichlorobenzene	7.045	146	84183	5.342	ng	99
15) Benzyl Alcohol	7.010	79	71182	5.000	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	91659	5.470	ng	97
17) 2-Methylphenol	7.116	107	62211	5.114	ng	99
18) Hexachloroethane	7.392	117	31373	5.000	ng	96
19) n-Nitroso-di-n-propyla...	7.281	70	58981	5.218	ng	98
20) 3+4-Methylphenols	7.269	107	83461	5.349	ng	97
22) Acetophenone	7.281	105	119040	5.358	ng	99
24) Nitrobenzene	7.451	77	80338	4.904	ng	99
25) Isophorone	7.692	82	149807	5.135	ng	99
26) 2-Nitrophenol	7.775	139	34757	4.329	ng	98
27) 2,4-Dimethylphenol	7.804	122	57106	5.164	ng	96
28) bis(2-Chloroethoxy)met...	7.904	93	95214	5.210	ng	97
29) 2,4-Dichlorophenol	8.010	162	67710	4.934	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	78127	5.160	ng	98
31) Naphthalene	8.180	128	255632	5.388	ng	98
33) 4-Chloroaniline	8.228	127	88635	5.294	ng	99
34) Hexachlorobutadiene	8.298	225	48885	4.966	ng	99
35) Caprolactam	8.557	113	21358	5.118	ng	94
36) 4-Chloro-3-methylphenol	8.692	107	77370	5.070	ng	99
37) 2-Methylnaphthalene	8.869	142	172734	5.427	ng	99
38) 1-Methylnaphthalene	8.969	142	166050	5.387	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	84034	5.041	ng	99
41) Hexachlorocyclopentadiene	9.022	237	27931	4.246	ng	96
43) 2,4,6-Trichlorophenol	9.145	196	52998	4.877	ng	99
44) 2,4,5-Trichlorophenol	9.180	196	54111	4.901	ng	97
46) 1,1'-Biphenyl	9.333	154	223637	5.395	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
 Data File : BF141898.D
 Acq On : 10 Mar 2025 11:30
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

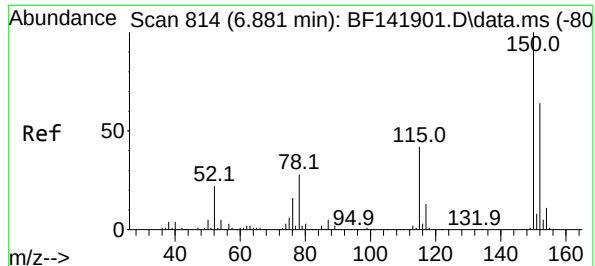
Quant Time: Mar 10 15:32:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:01:52 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	9.357	162	163642	5.298	ng	97
48) 2-Nitroaniline	9.451	65	40475	4.561	ng	98
49) Acenaphthylene	9.774	152	241253	5.268	ng	99
50) Dimethylphthalate	9.627	163	202373	5.328	ng	100
51) 2,6-Dinitrotoluene	9.686	165	37796	4.785	ng	99
52) Acenaphthene	9.945	154	168975	5.225	ng	98
53) 3-Nitroaniline	9.857	138	39761	4.902	ng	98
55) Dibenzofuran	10.116	168	252715	5.481	ng	97
56) 4-Nitrophenol	10.004	139	26252	4.309	ng	99
57) 2,4-Dinitrotoluene	10.092	165	49913	4.800	ng	98
58) Fluorene	10.457	166	197266	5.542	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	48472	4.839	ng	98
60) Diethylphthalate	10.327	149	201554	5.286	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	99747	5.380	ng	98
62) 4-Nitroaniline	10.463	138	38863	4.945	ng	94
63) Azobenzene	10.610	77	190233	5.370	ng	98
66) n-Nitrosodiphenylamine	10.569	169	169225	5.223	ng	98
67) 4-Bromophenyl-phenylether	10.945	248	60238	4.823	ng	98
68) Hexachlorobenzene	11.004	284	65620	4.753	ng	98
69) Atrazine	11.092	200	54251	6.867	ng	98
70) Pentachlorophenol	11.198	266	32716	3.843	ng	100
71) Phenanthrene	11.421	178	289580	5.340	ng	98
72) Anthracene	11.474	178	294198	5.407	ng	98
73) Carbazole	11.627	167	249634	5.329	ng	99
74) Di-n-butylphthalate	11.957	149	330999	5.352	ng	99
75) Fluoranthene	12.610	202	309273	5.432	ng	99
77) Benzidine	12.733	184	64673	6.138	ng	99
78) Pyrene	12.839	202	315969	4.941	ng	99
80) Butylbenzylphthalate	13.457	149	117256	4.653	ng	99
81) Benzo(a)anthracene	14.021	228	255308	5.205	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	68969	4.865	ng	100
83) Chrysene	14.062	228	213144	4.837	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	167165	4.836	ng	99
85) Di-n-octyl phthalate	14.627	149	213395	4.435	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	144536	4.228	ng	99
88) Benzo(b)fluoranthene	15.068	252	187154	5.234	ng	99
89) Benzo(k)fluoranthene	15.098	252	153142	4.903	ng	99
90) Benzo(a)pyrene	15.439	252	137043	4.860	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	119937	4.252	ng	99
92) Benzo(g,h,i)perylene	17.427	276	120142	4.294	ng	99

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

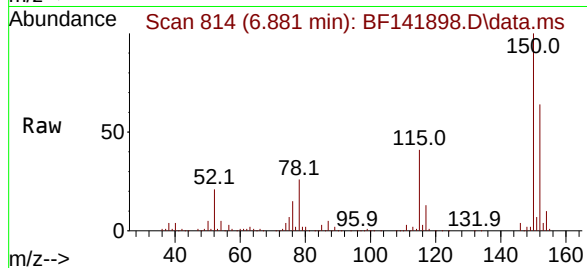
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

[illegible]

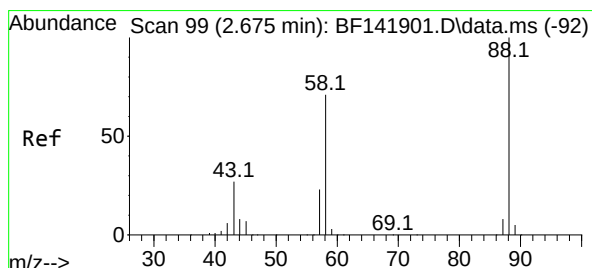
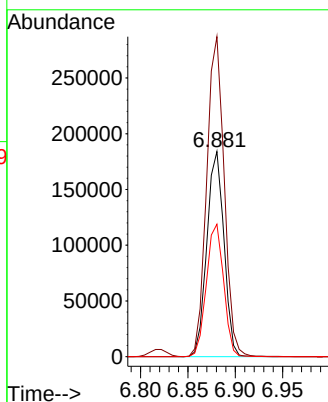
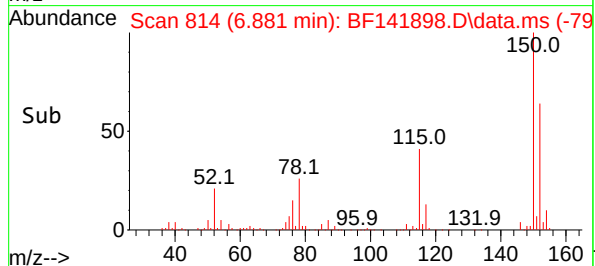


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Instrument :
BNA_F
ClientSampleId :
SSTDIC005

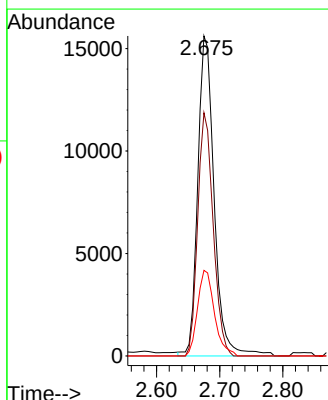
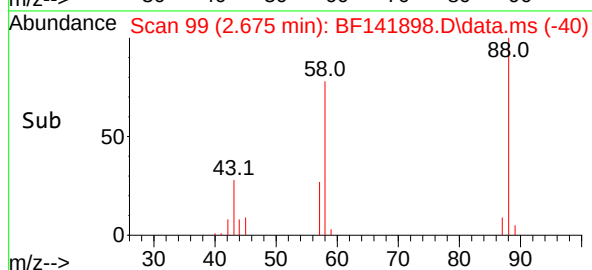
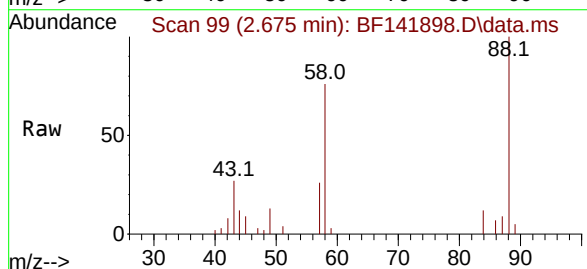


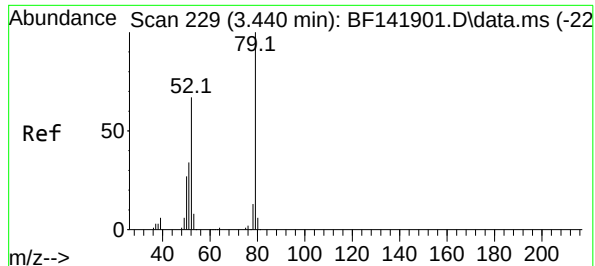
Tgt Ion:152 Resp: 230406
Ion Ratio Lower Upper
152 100
150 155.9 127.4 191.2
115 64.6 51.9 77.9



#2
1,4-Dioxane
Concen: 4.874 ng
RT: 2.675 min Scan# 99
Delta R.T. -0.000 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion: 88 Resp: 28210
Ion Ratio Lower Upper
88 100
58 71.4 57.4 86.2
43 27.5 21.5 32.3





#3

Pyridine

Concen: 4.928 ng

RT: 3.451 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF141898.D

Acq: 10 Mar 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

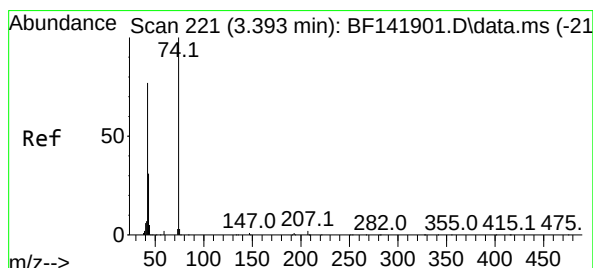
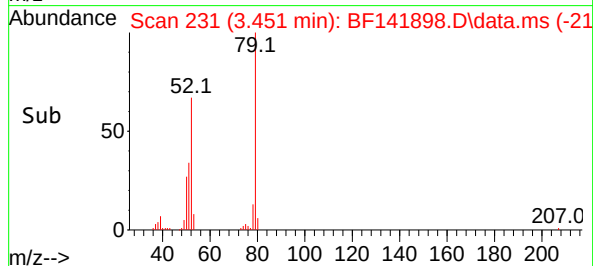
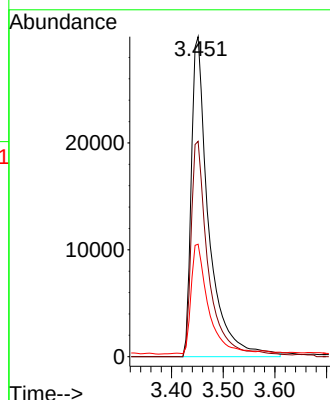
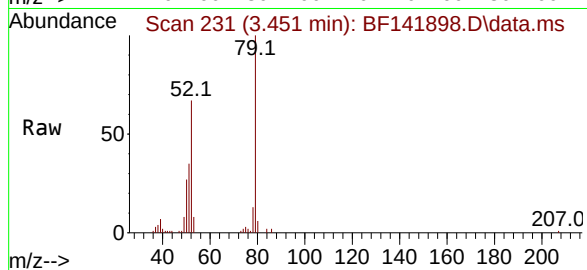
Tgt Ion: 79 Resp: 70090

Ion Ratio Lower Upper

79 100

52 67.3 53.3 79.9

51 35.2 27.6 41.4



#4

n-Nitrosodimethylamine

Concen: 4.717 ng

RT: 3.369 min Scan# 217

Delta R.T. -0.024 min

Lab File: BF141898.D

Acq: 10 Mar 2025 11:30

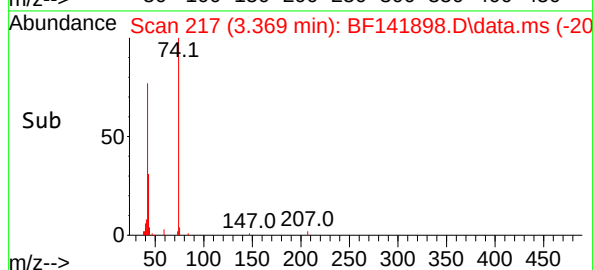
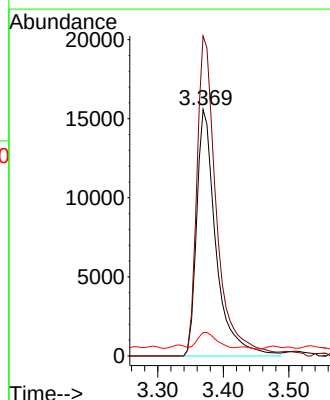
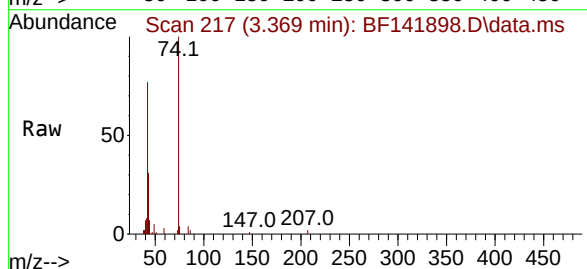
Tgt Ion: 42 Resp: 31893

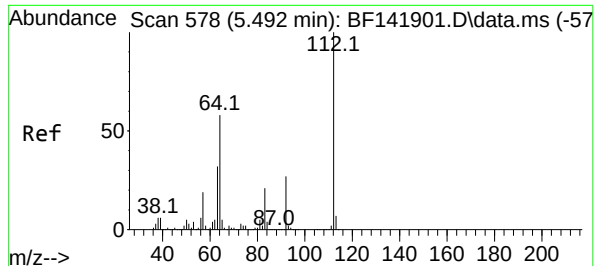
Ion Ratio Lower Upper

42 100

74 129.9 103.4 155.0

44 9.5 5.0 7.4#

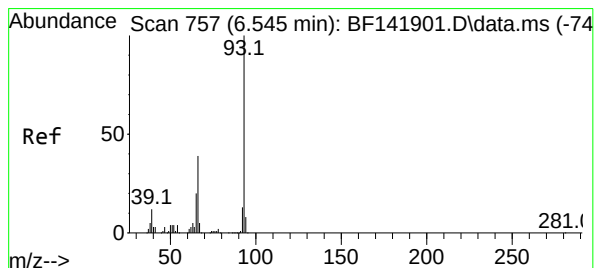
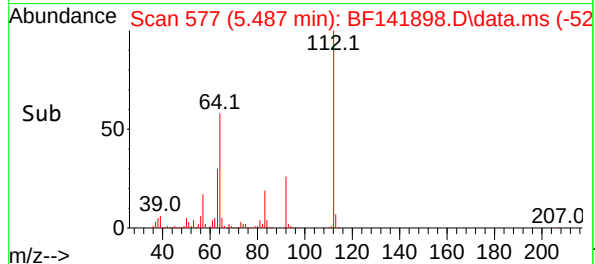
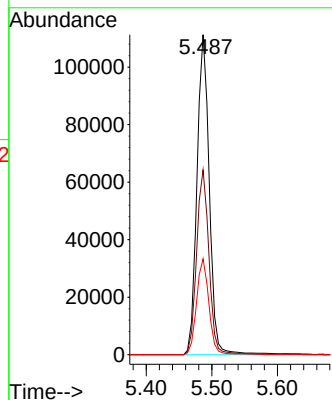
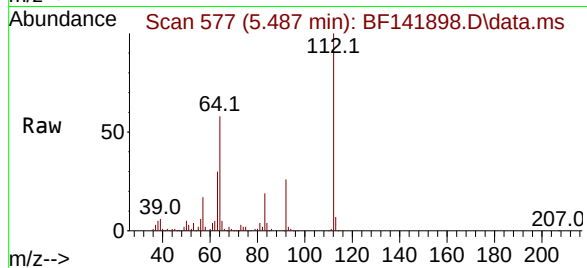




#5
2-Fluorophenol
Concen: 10.570 ng
RT: 5.487 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

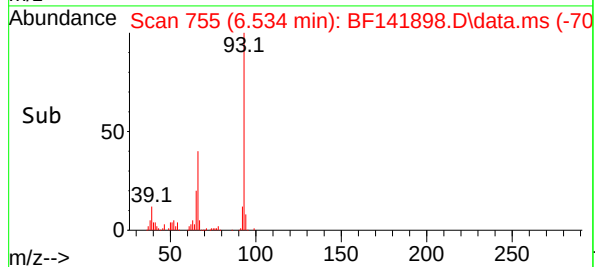
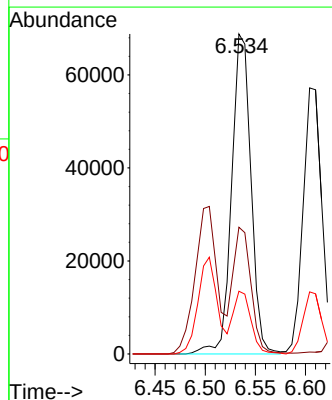
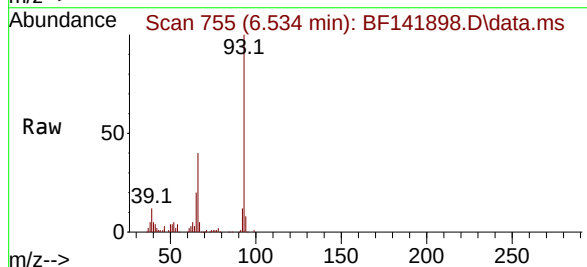
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

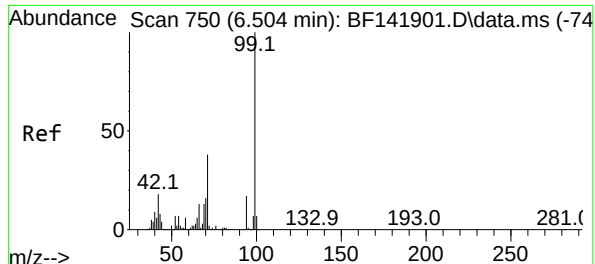
Tgt Ion:112 Resp: 145959
Ion Ratio Lower Upper
112 100
64 57.8 46.5 69.7
63 29.9 25.4 38.2



#6
Aniline
Concen: 5.305 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion: 93 Resp: 92116
Ion Ratio Lower Upper
93 100
66 39.6 31.9 47.9
65 19.6 15.8 23.6

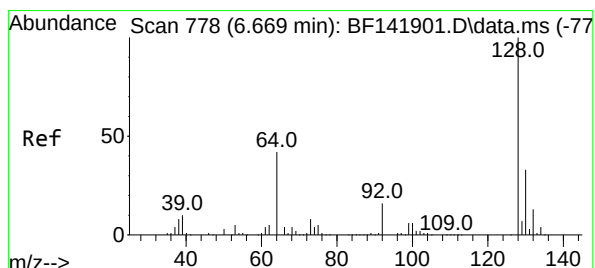
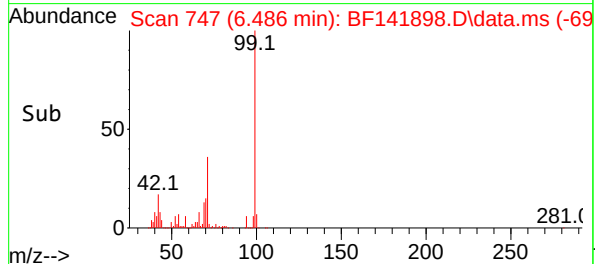
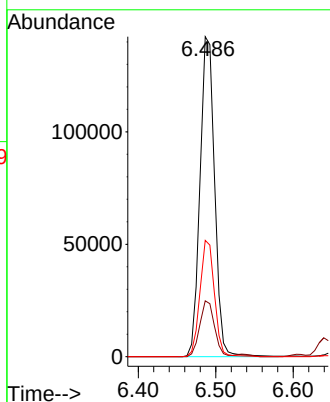
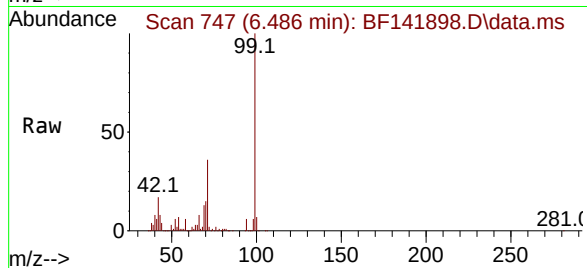




#7
Phenol-d6
Concen: 10.630 ng
RT: 6.486 min Scan# 747
Delta R.T. -0.018 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

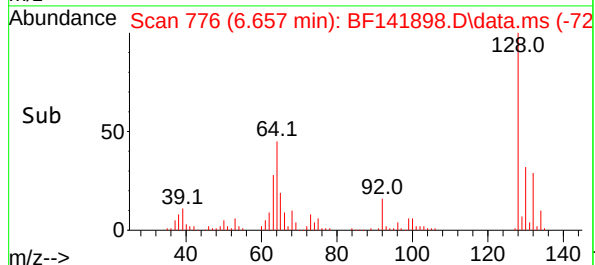
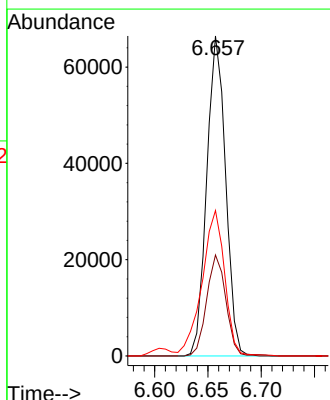
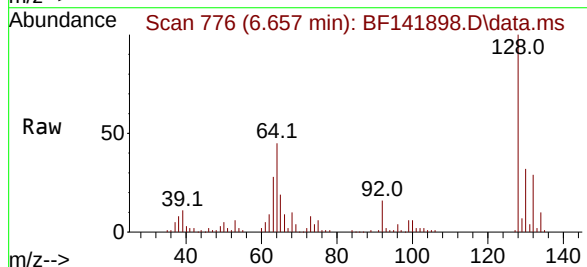
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

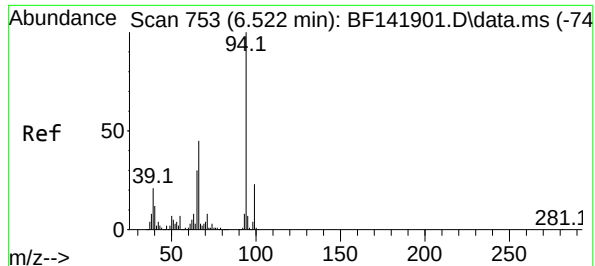
Tgt Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.6	21.8
71	36.4	30.8	46.2



#8
2-Chlorophenol
Concen: 5.347 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.012 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion	Ratio	Lower	Upper
128	100		
130	31.5	12.8	52.8
64	45.5	24.4	64.4

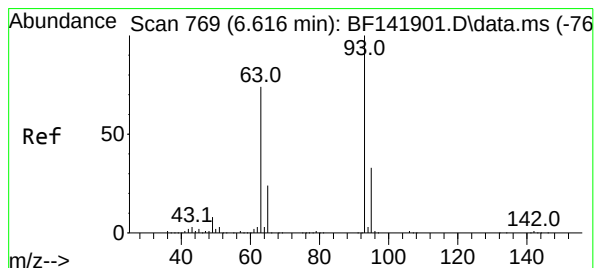
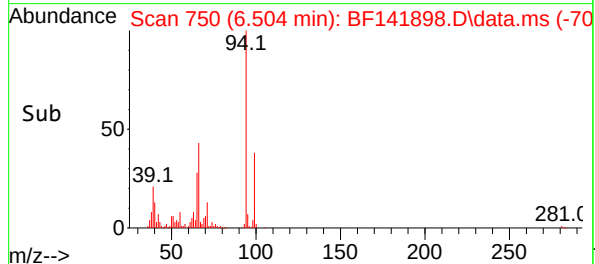
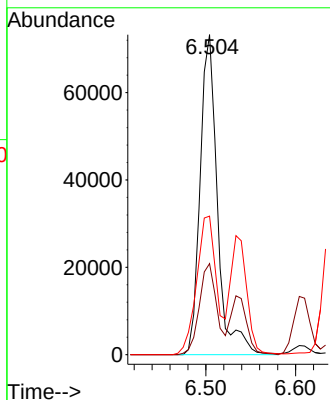
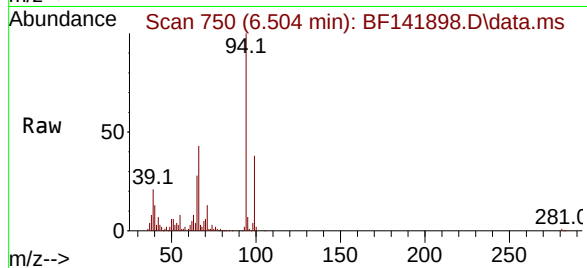




#10
Phenol
Concen: 5.301 ng
RT: 6.504 min Scan# 750
Delta R.T. -0.018 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

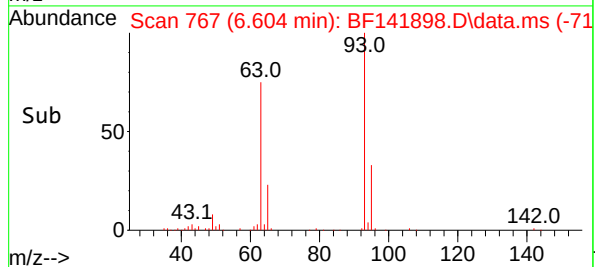
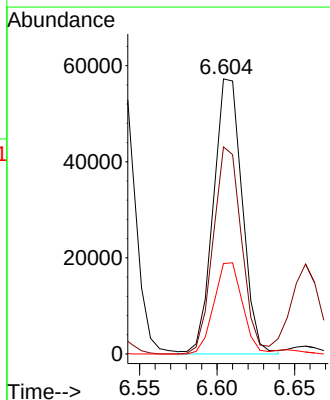
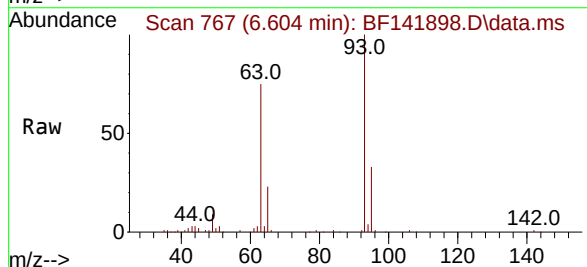
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

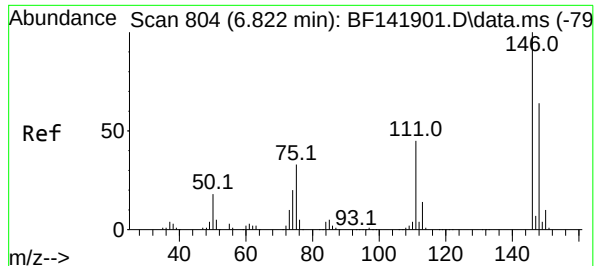
Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.4	10.5	50.5
66	43.3	25.8	65.8



#11
bis(2-Chloroethyl)ether
Concen: 5.334 ng
RT: 6.604 min Scan# 767
Delta R.T. -0.012 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion	Ratio	Lower	Upper
93	100		
63	75.3	53.0	93.0
95	32.9	12.9	52.9





#12

1,3-Dichlorobenzene

Concen: 5.136 ng

RT: 6.816 min Scan# 804

Delta R.T. -0.006 min

Lab File: BF141898.D

Acq: 10 Mar 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

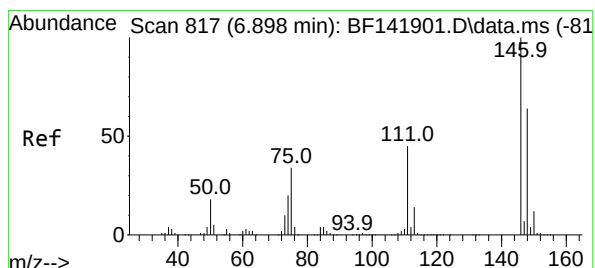
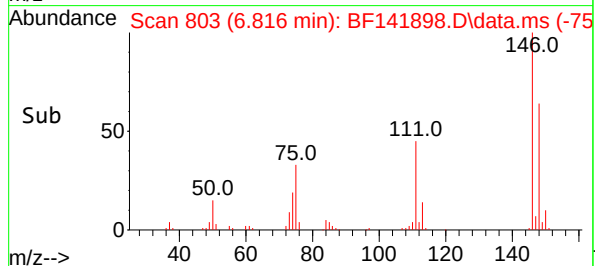
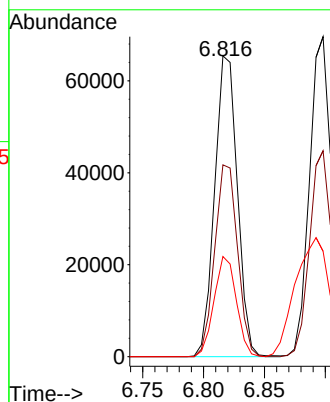
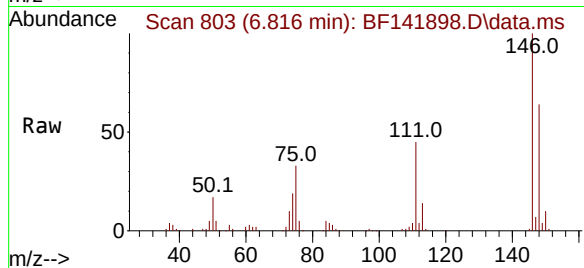
Tgt Ion:146 Resp: 84952

Ion Ratio Lower Upper

146 100

148 63.8 51.3 76.9

75 33.3 26.6 40.0



#13

1,4-Dichlorobenzene

Concen: 5.213 ng

RT: 6.898 min Scan# 817

Delta R.T. -0.000 min

Lab File: BF141898.D

Acq: 10 Mar 2025 11:30

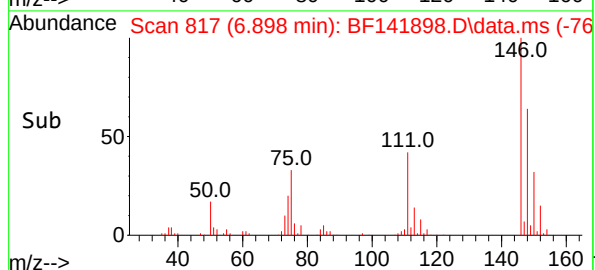
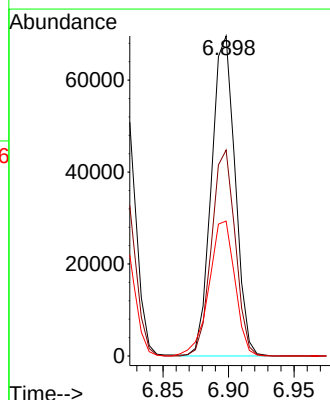
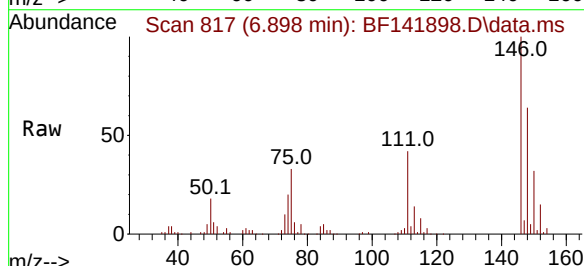
Tgt Ion:146 Resp: 87237

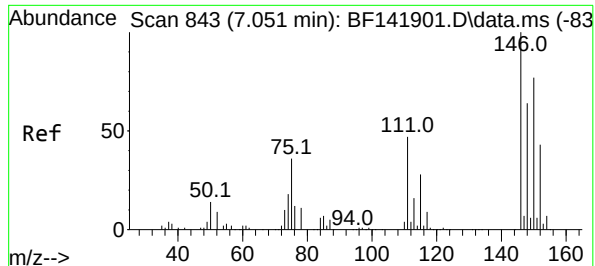
Ion Ratio Lower Upper

146 100

148 64.3 51.0 76.6

111 42.2 35.7 53.5





#14

1,2-Dichlorobenzene

Concen: 5.342 ng

RT: 7.045 min Scan# 841

Delta R.T. -0.006 min

Lab File: BF141898.D

Acq: 10 Mar 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

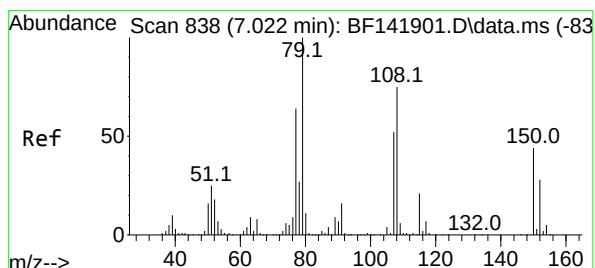
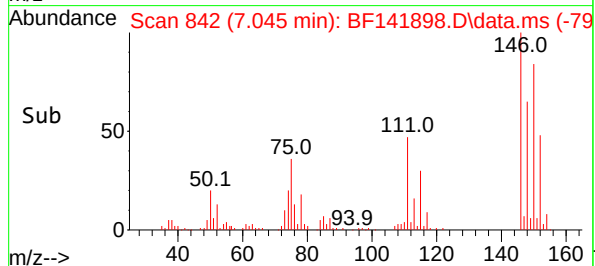
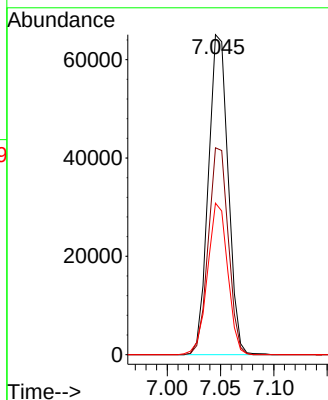
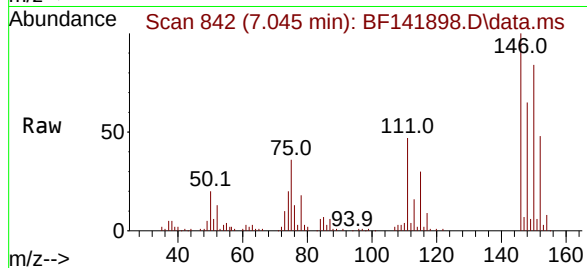
Tgt Ion:146 Resp: 84183

Ion Ratio Lower Upper

146 100

148 64.7 50.8 76.2

111 47.4 38.0 57.0



#15

Benzyl Alcohol

Concen: 5.000 ng

RT: 7.010 min Scan# 836

Delta R.T. -0.012 min

Lab File: BF141898.D

Acq: 10 Mar 2025 11:30

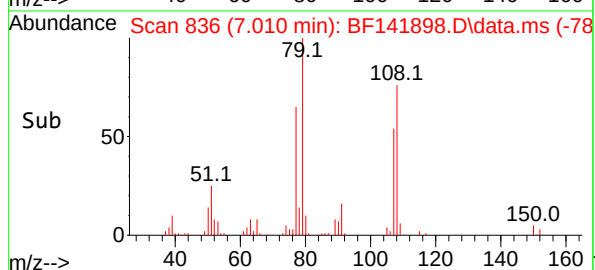
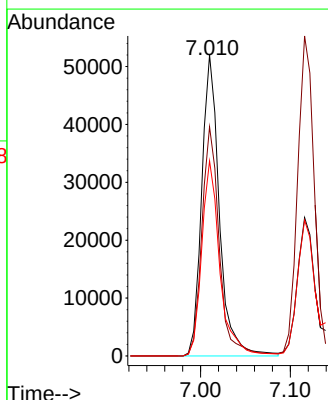
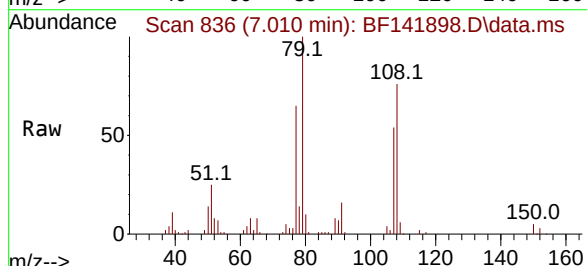
Tgt Ion: 79 Resp: 71182

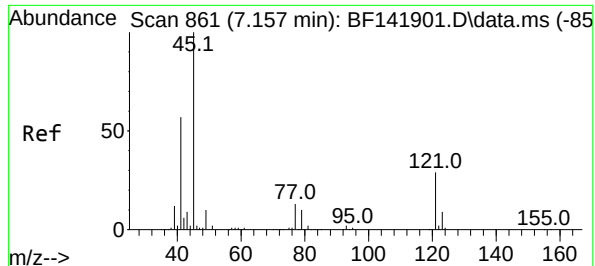
Ion Ratio Lower Upper

79 100

108 76.1 59.7 89.5

77 64.8 51.0 76.6

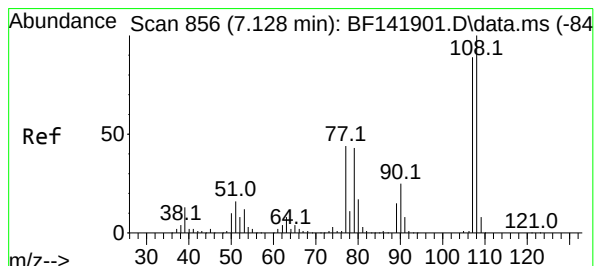
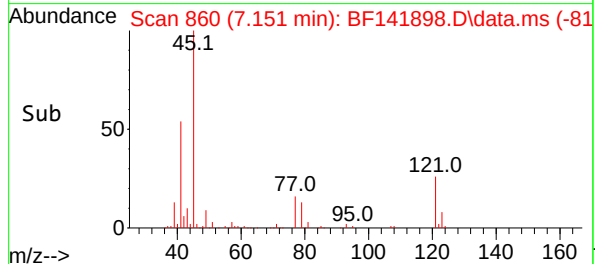
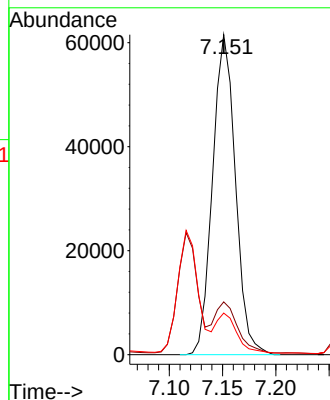
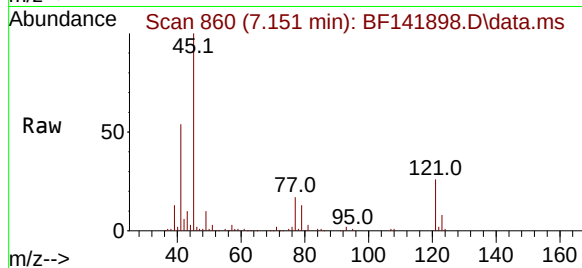




#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.470 ng
RT: 7.151 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

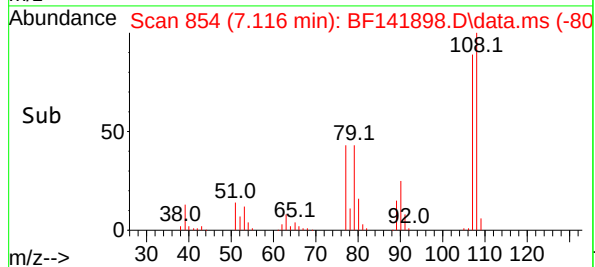
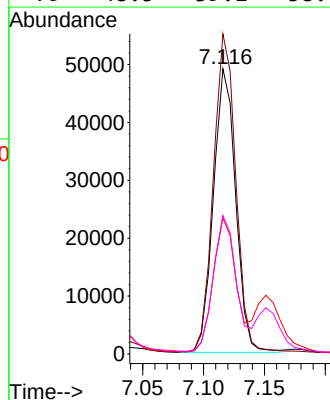
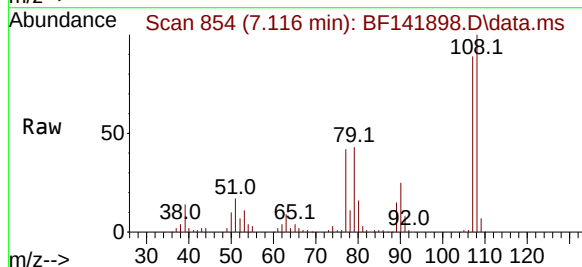
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

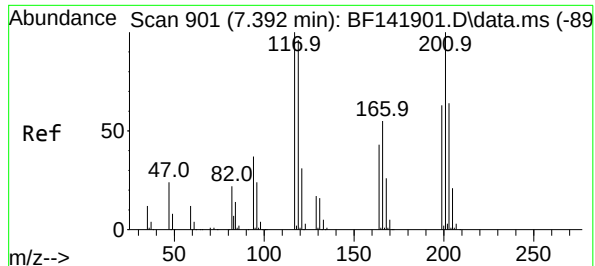
Tgt Ion:	45	Resp:	91659
Ion Ratio	Lower	Upper	
45	100		
77	16.5	0.0	37.8
79	13.0	0.0	34.2



#17
2-Methylphenol
Concen: 5.114 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.012 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion:	107	Resp:	62211
Ion Ratio	Lower	Upper	
107	100		
108	112.2	90.2	135.2
77	47.6	39.6	59.4
79	48.5	39.1	58.7

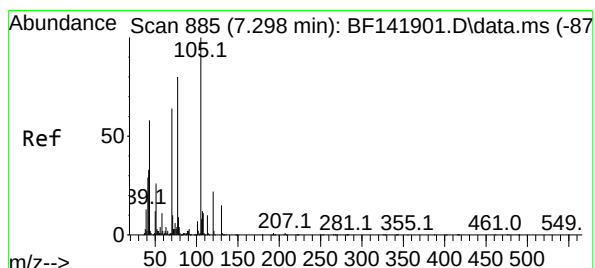
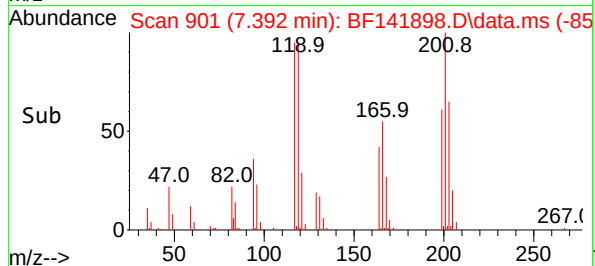
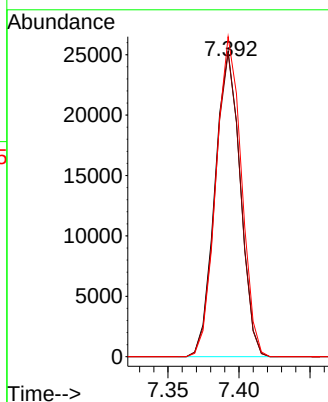
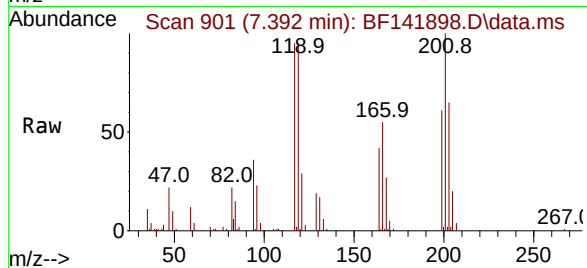




#18
Hexachloroethane
Concen: 5.000 ng
RT: 7.392 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

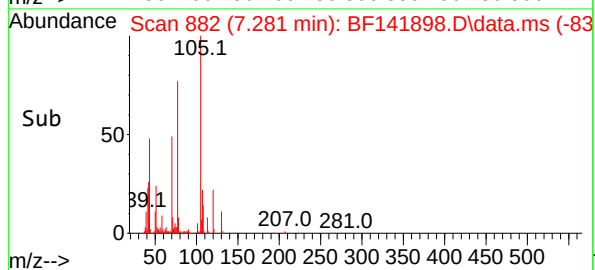
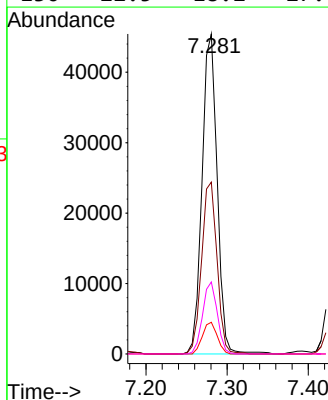
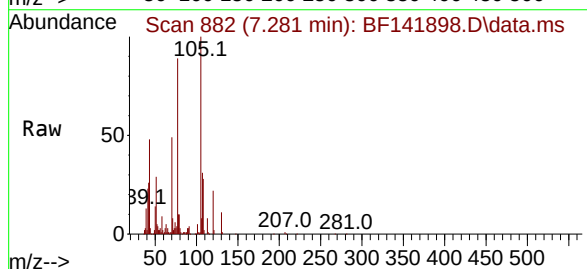
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

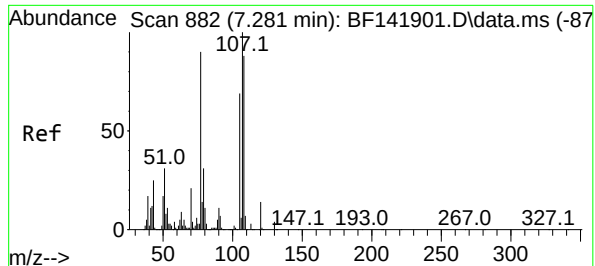
Tgt Ion:117 Resp: 31373
Ion Ratio Lower Upper
117 100
119 99.3 76.9 115.3
201 104.7 79.9 119.9



#19
n-Nitroso-di-n-propylamine
Concen: 5.218 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.018 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion: 70 Resp: 58981
Ion Ratio Lower Upper
70 100
42 53.7 41.4 62.0
101 9.9 8.2 12.2
130 22.5 18.2 27.4





#20

3+4-Methylphenols

Concen: 5.349 ng

RT: 7.269 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF141898.D

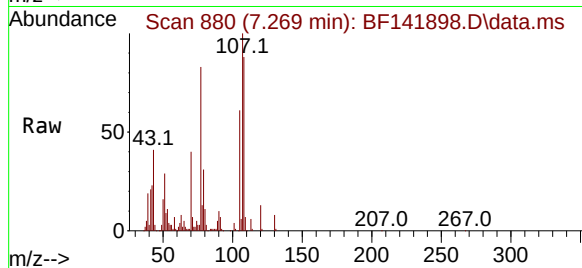
Acq: 10 Mar 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



Tgt Ion:107 Resp: 83461

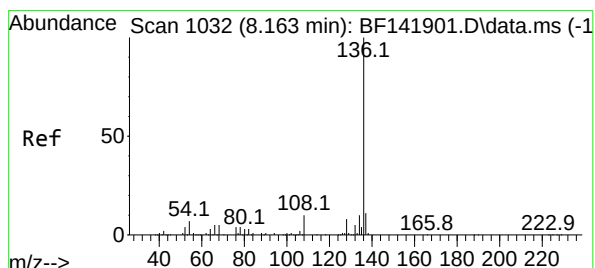
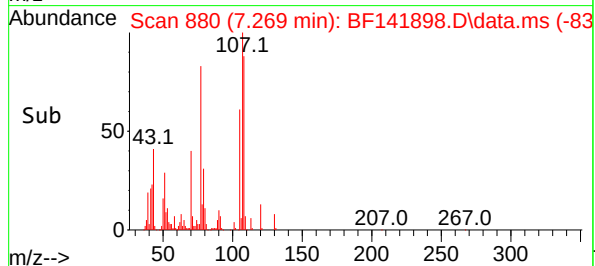
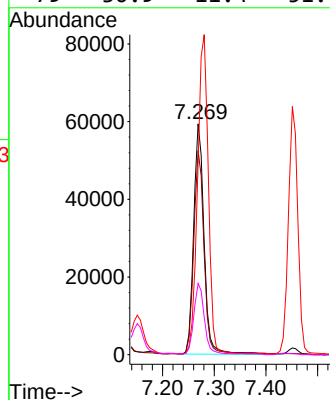
Ion Ratio Lower Upper

107 100

108 88.4 68.4 108.4

77 83.1 69.7 109.7

79 30.9 11.4 51.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1031

Delta R.T. -0.006 min

Lab File: BF141898.D

Acq: 10 Mar 2025 11:30

Tgt Ion:136 Resp: 926118

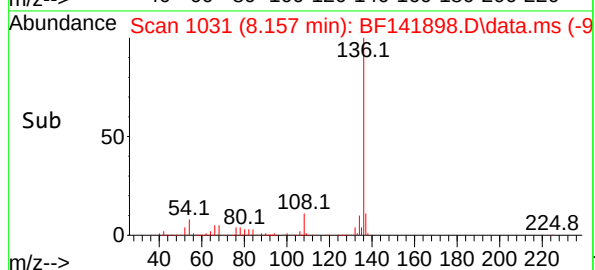
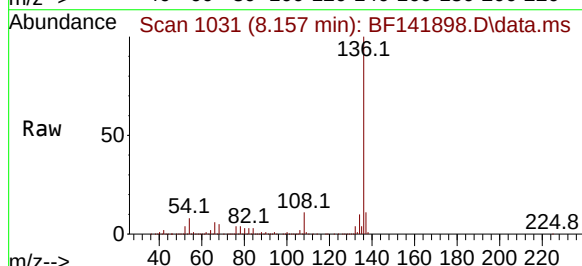
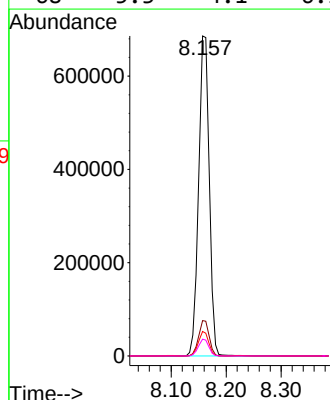
Ion Ratio Lower Upper

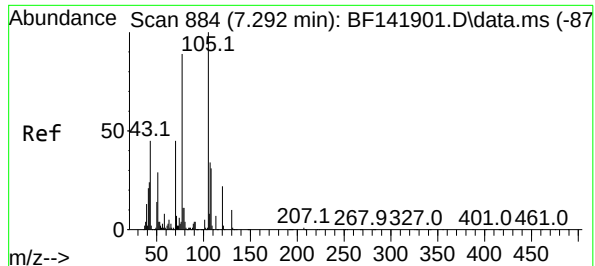
136 100

137 11.1 8.8 13.2

54 7.7 5.8 8.8

68 5.3 4.1 6.1





#22

Acetophenone

Concen: 5.358 ng

RT: 7.281 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF141898.D

Acq: 10 Mar 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:105 Resp: 119040

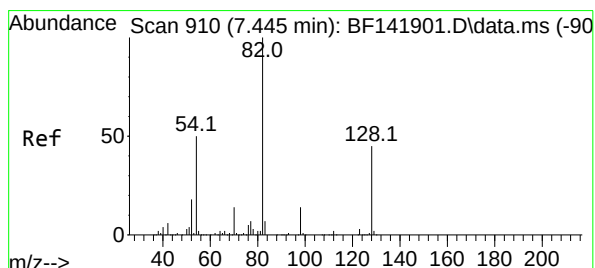
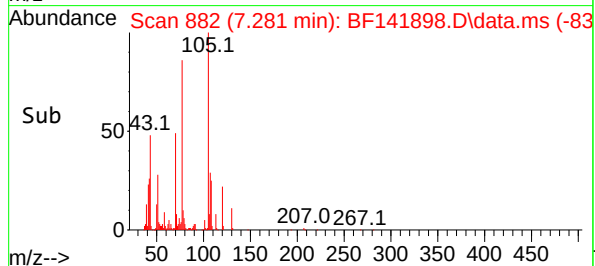
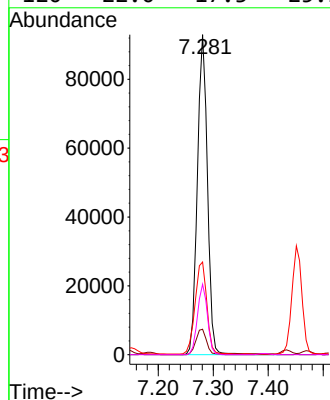
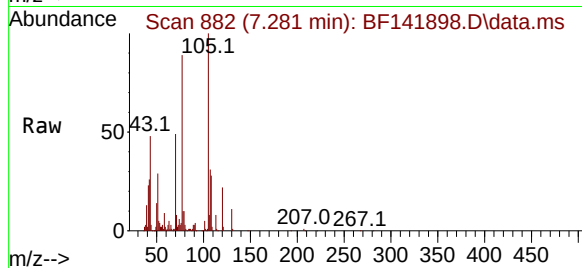
Ion Ratio Lower Upper

105 100

71 8.0 5.8 8.8

51 29.0 23.4 35.0

120 22.0 17.3 25.9



#23

Nitrobenzene-d5

Concen: 9.670 ng

RT: 7.433 min Scan# 908

Delta R.T. -0.012 min

Lab File: BF141898.D

Acq: 10 Mar 2025 11:30

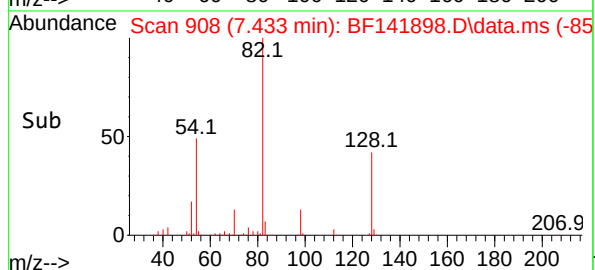
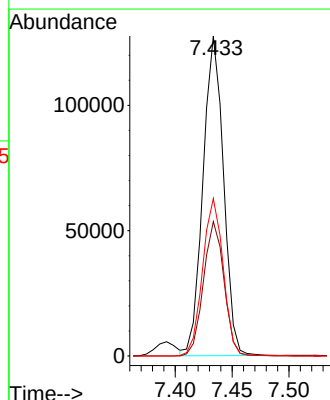
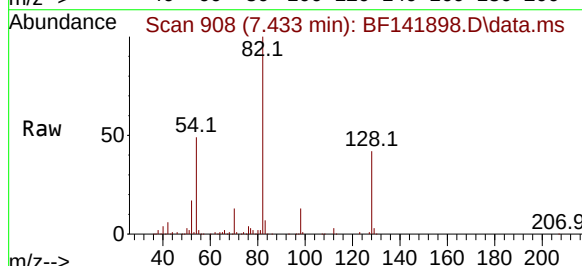
Tgt Ion: 82 Resp: 159777

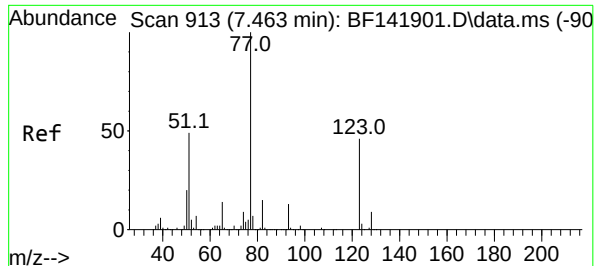
Ion Ratio Lower Upper

82 100

128 42.0 36.0 54.0

54 49.2 39.6 59.4





#24

Nitrobenzene

Concen: 4.904 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.012 min

Lab File: BF141898.D

Acq: 10 Mar 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

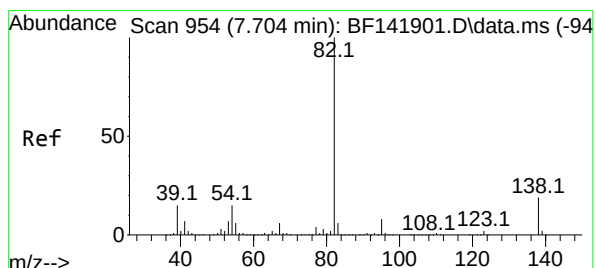
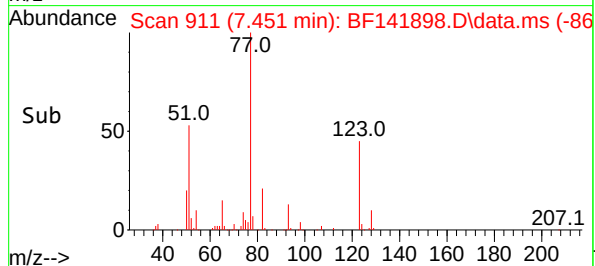
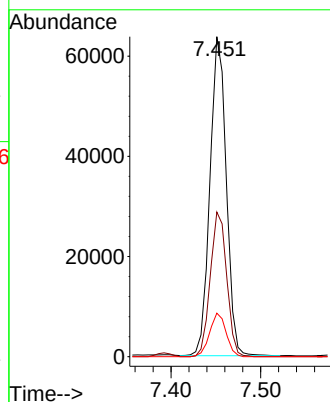
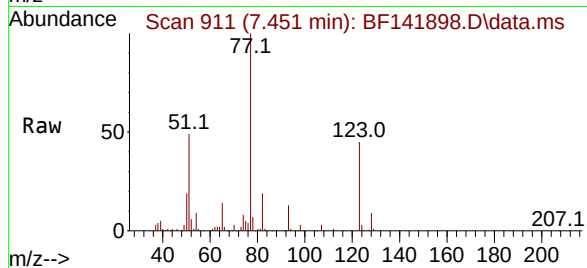
Tgt Ion: 77 Resp: 80338

Ion Ratio Lower Upper

77 100

123 45.2 37.0 55.4

65 13.6 11.3 16.9



#25

Isophorone

Concen: 5.135 ng

RT: 7.692 min Scan# 952

Delta R.T. -0.012 min

Lab File: BF141898.D

Acq: 10 Mar 2025 11:30

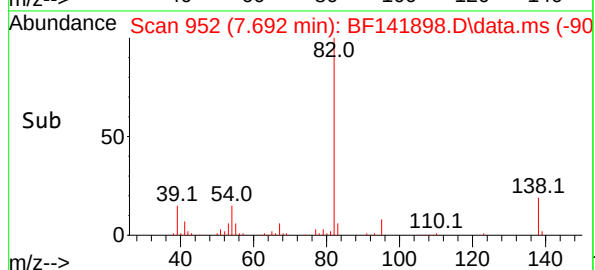
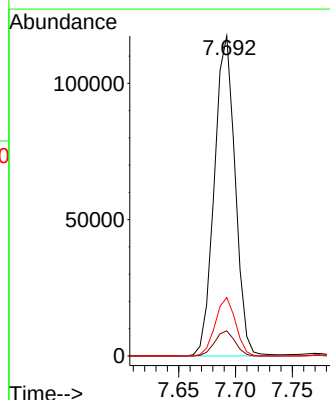
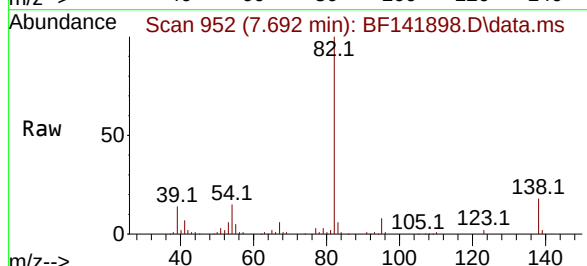
Tgt Ion: 82 Resp: 149807

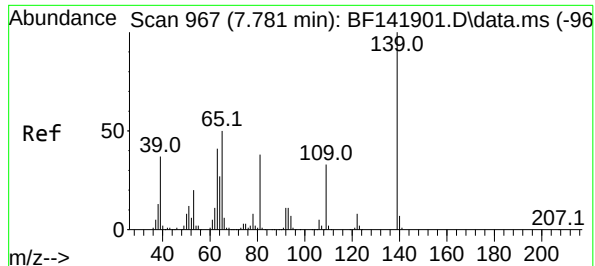
Ion Ratio Lower Upper

82 100

95 7.8 6.4 9.6

138 18.3 14.9 22.3





#26

2-Nitrophenol

Concen: 4.329 ng

RT: 7.775 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF141898.D

Acq: 10 Mar 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

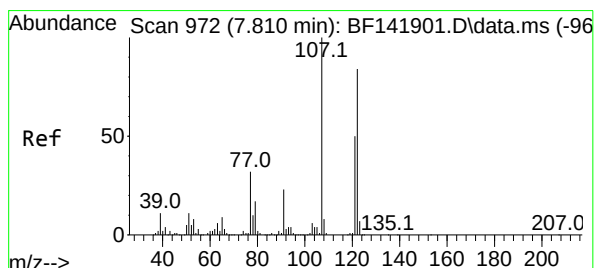
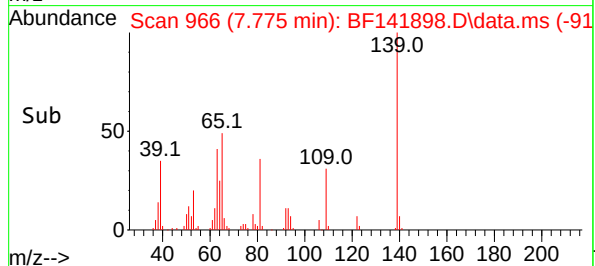
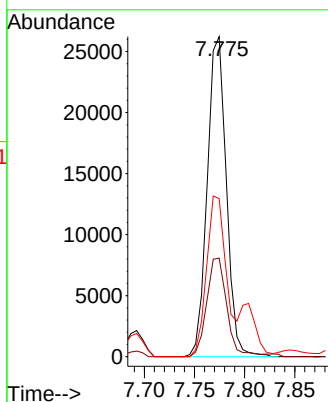
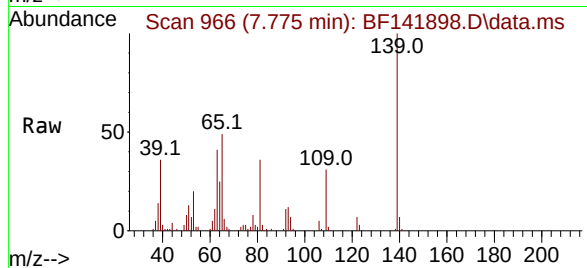
Tgt Ion:139 Resp: 34757

Ion Ratio Lower Upper

139 100

109 30.8 26.5 39.7

65 49.4 40.3 60.5



#27

2,4-Dimethylphenol

Concen: 5.164 ng

RT: 7.804 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF141898.D

Acq: 10 Mar 2025 11:30

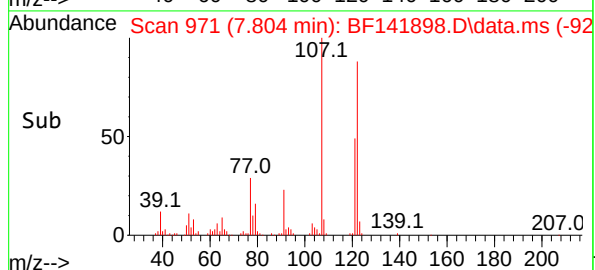
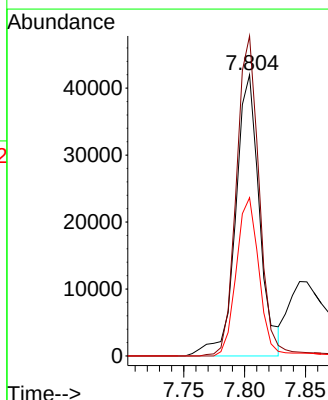
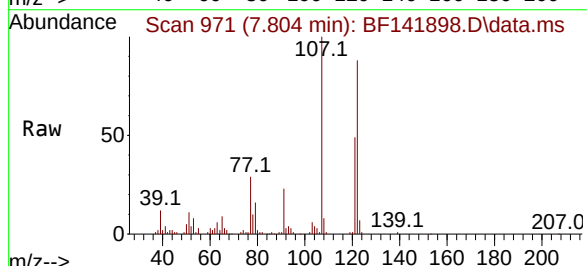
Tgt Ion:122 Resp: 57106

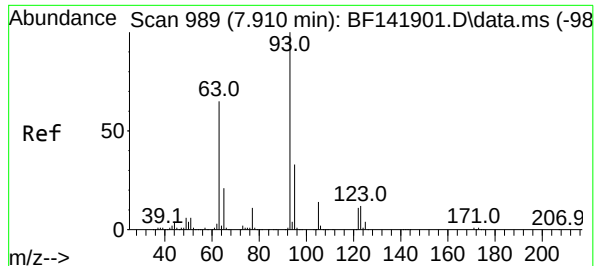
Ion Ratio Lower Upper

122 100

107 113.8 94.8 142.2

121 56.3 47.8 71.6





#28

bis(2-Chloroethoxy)methane

Concen: 5.210 ng

RT: 7.904 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141898.D

Acq: 10 Mar 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

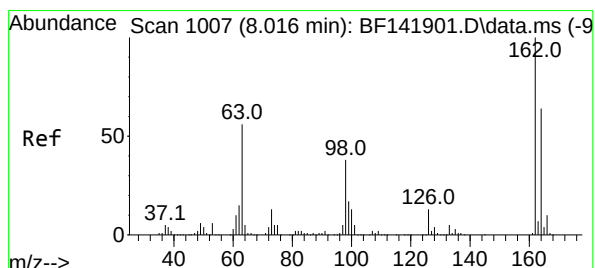
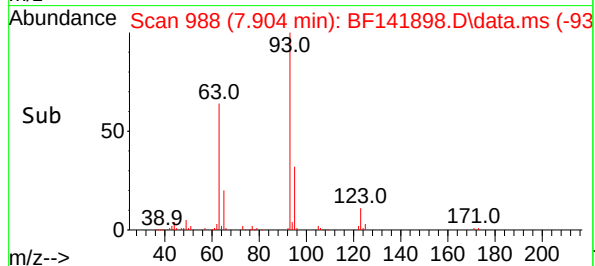
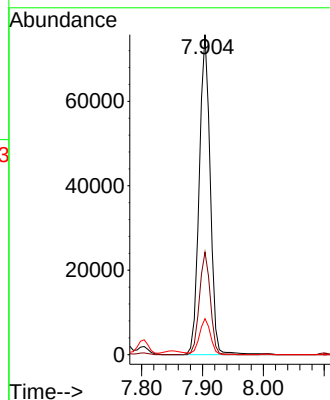
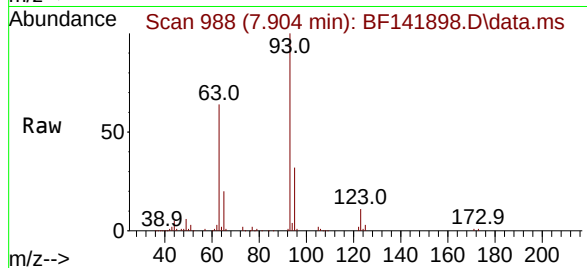
Tgt Ion: 93 Resp: 95214

Ion Ratio Lower Upper

93 100

95 32.1 26.6 40.0

123 11.3 10.2 15.4



#29

2,4-Dichlorophenol

Concen: 4.934 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF141898.D

Acq: 10 Mar 2025 11:30

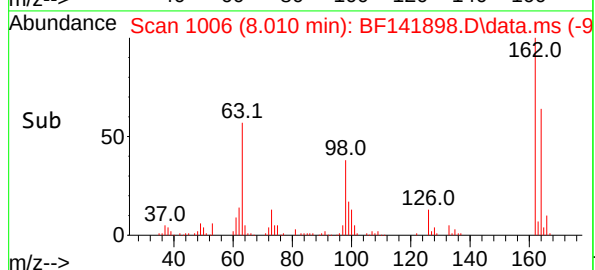
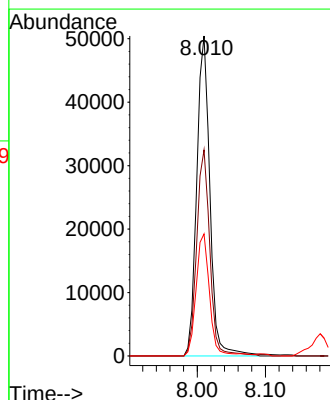
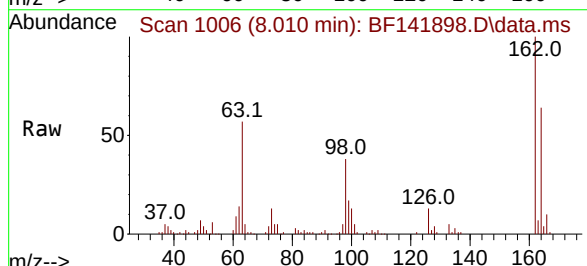
Tgt Ion: 162 Resp: 67710

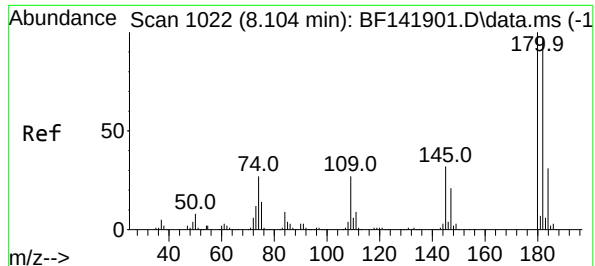
Ion Ratio Lower Upper

162 100

164 64.4 43.8 83.8

98 38.2 18.1 58.1





#30

1,2,4-Trichlorobenzene

Concen: 5.160 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BF141898.D

Acq: 10 Mar 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

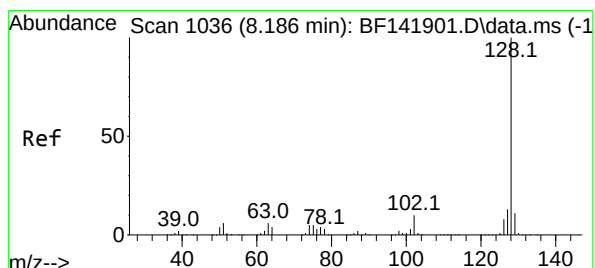
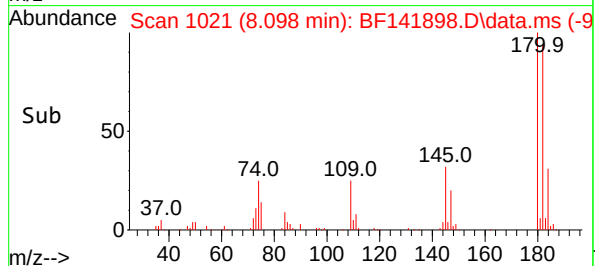
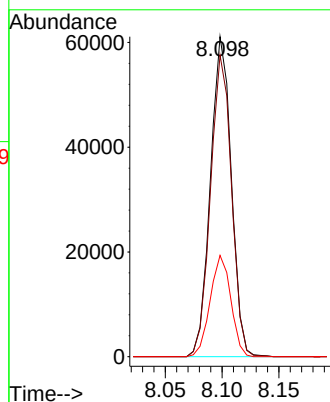
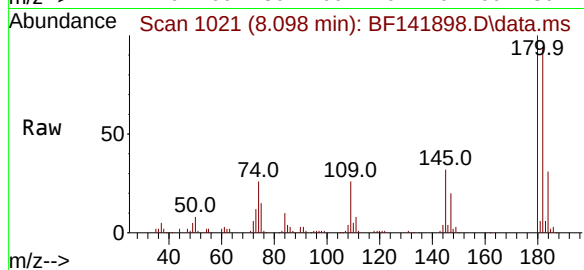
Tgt Ion:180 Resp: 78127

Ion Ratio Lower Upper

180 100

182 94.3 77.5 116.3

145 31.6 25.8 38.6



#31

Naphthalene

Concen: 5.388 ng

RT: 8.180 min Scan# 1035

Delta R.T. -0.006 min

Lab File: BF141898.D

Acq: 10 Mar 2025 11:30

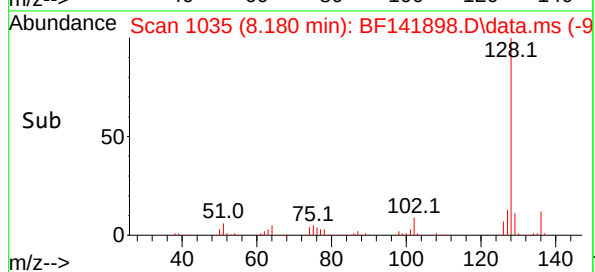
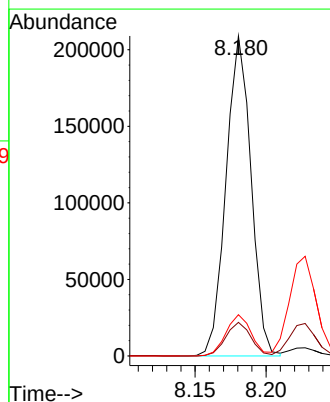
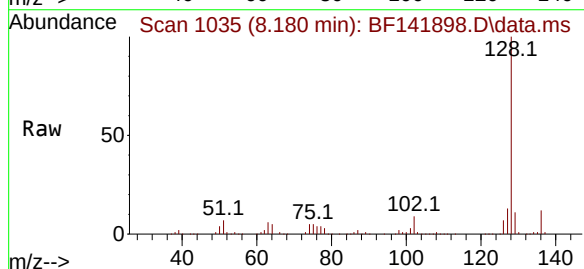
Tgt Ion:128 Resp: 255632

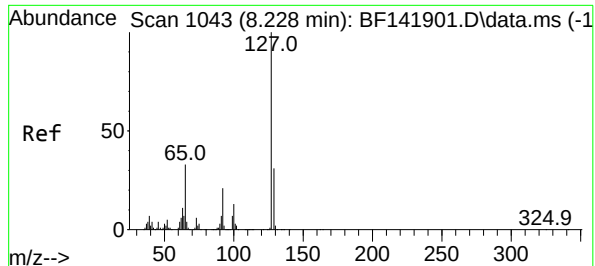
Ion Ratio Lower Upper

128 100

129 10.5 9.0 13.6

127 12.9 10.8 16.2

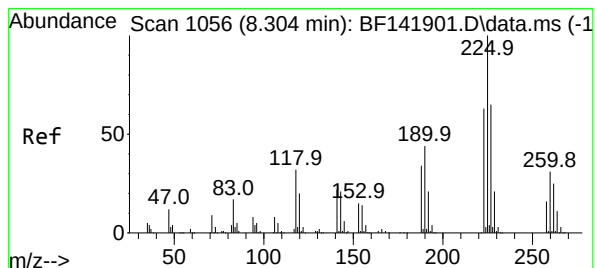
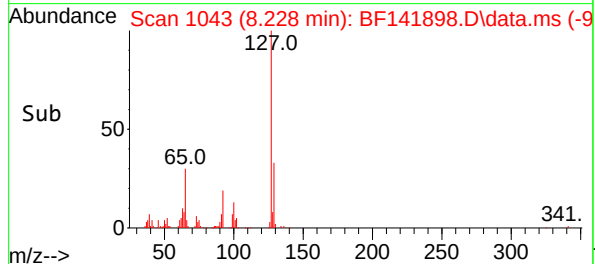
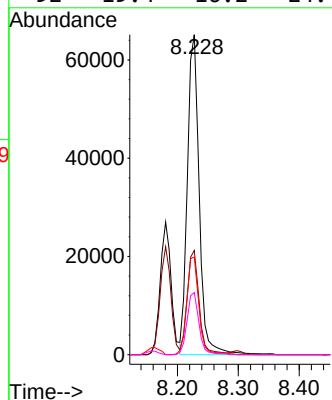
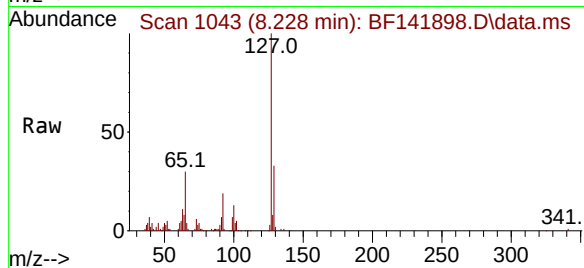




#33
4-Chloroaniline
Concen: 5.294 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

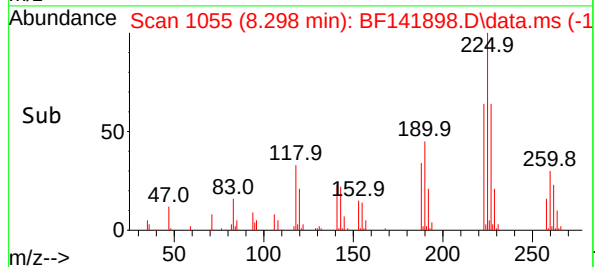
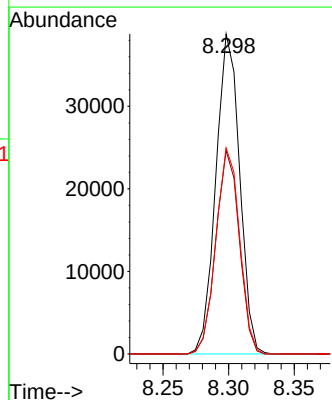
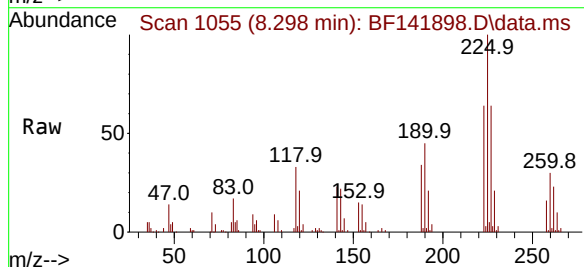
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

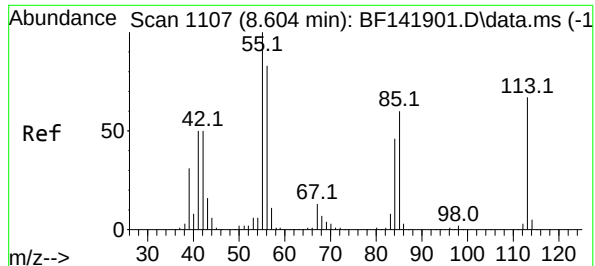
Tgt Ion:	127	Resp:	88635
Ion Ratio	Lower	Upper	
127	100		
129	32.6	26.2	39.4
65	30.5	25.4	38.2
92	19.4	16.2	24.4



#34
Hexachlorobutadiene
Concen: 4.966 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion:	225	Resp:	48885
Ion Ratio	Lower	Upper	
225	100		
223	63.6	50.6	75.8
227	64.4	52.2	78.2

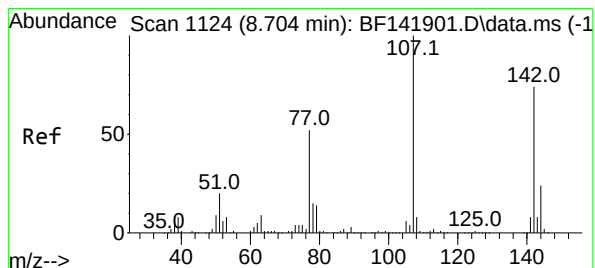
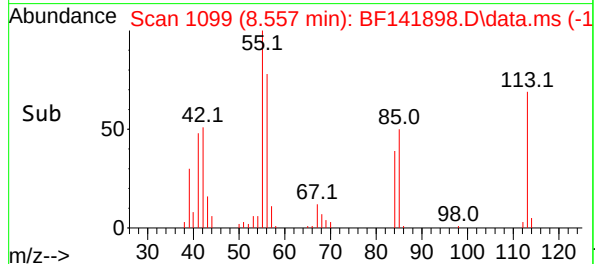
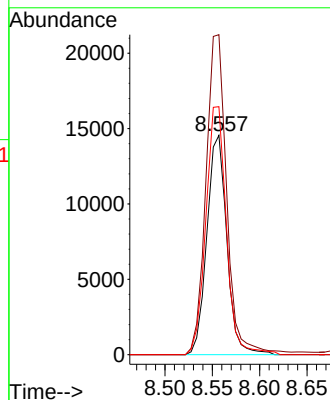
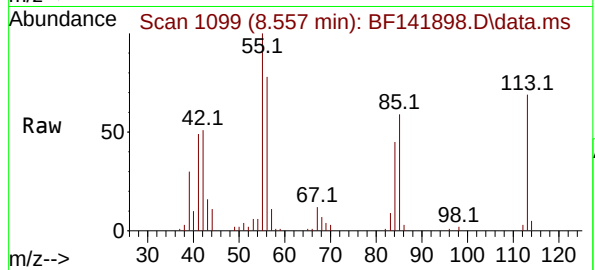




#35
Caprolactam
Concen: 5.118 ng
RT: 8.557 min Scan# 1107
Delta R.T. -0.047 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

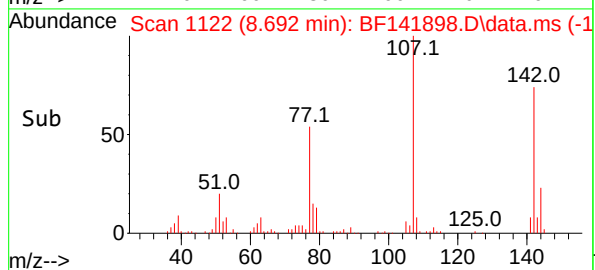
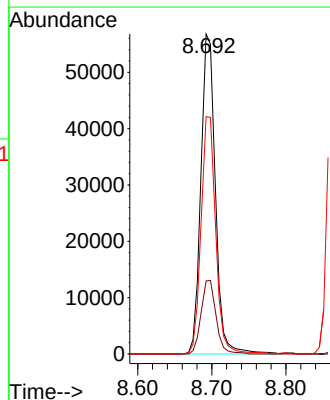
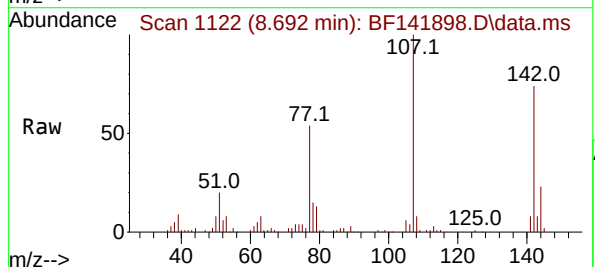
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

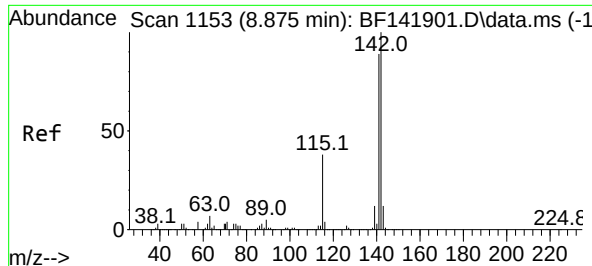
Tgt Ion:113 Resp: 21358
Ion Ratio Lower Upper
113 100
55 145.9 129.6 169.6
56 113.1 104.0 144.0



#36
4-Chloro-3-methylphenol
Concen: 5.070 ng
RT: 8.692 min Scan# 1122
Delta R.T. -0.012 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion:107 Resp: 77370
Ion Ratio Lower Upper
107 100
144 22.8 19.0 28.6
142 74.2 59.2 88.8

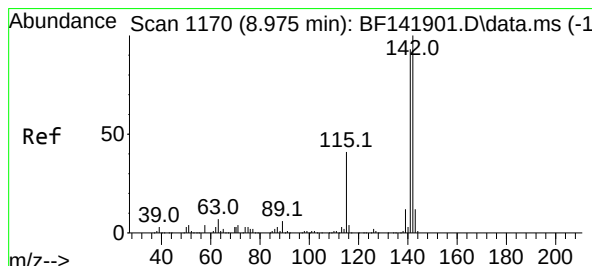
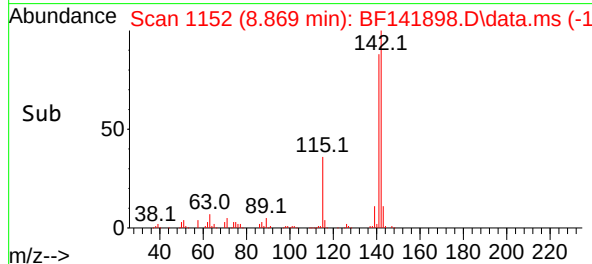
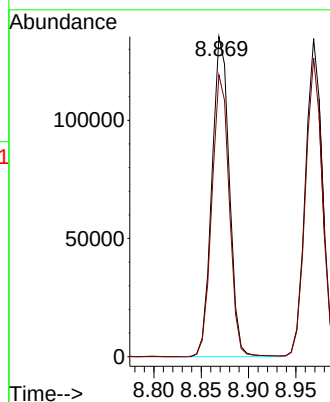
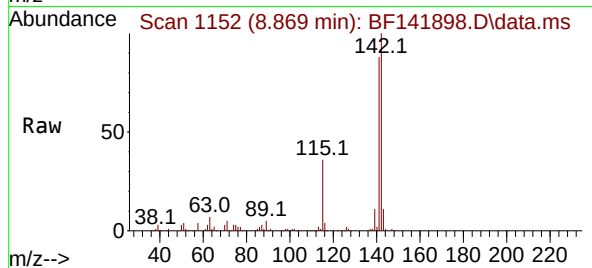




#37
2-Methylnaphthalene
Concen: 5.427 ng
RT: 8.869 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

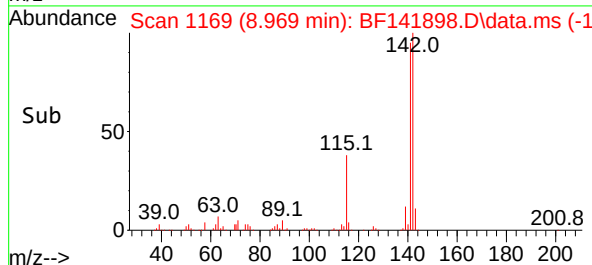
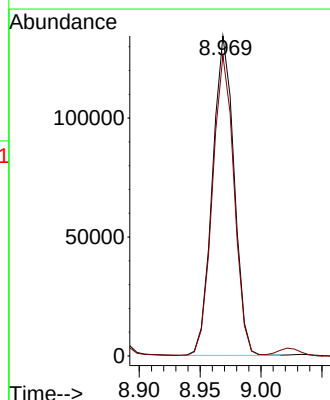
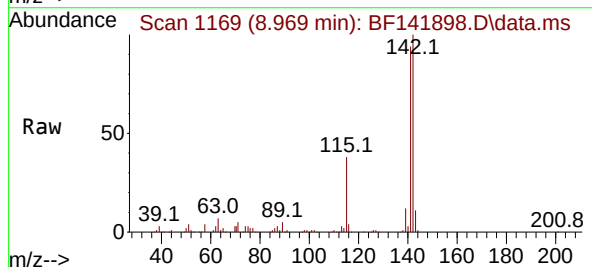
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

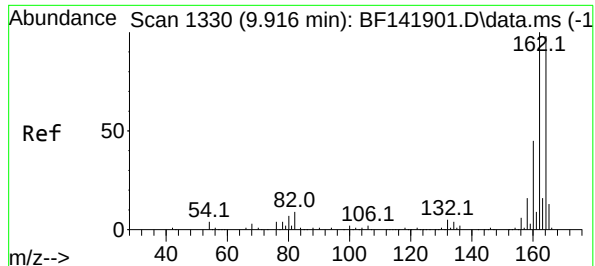
Tgt Ion:142 Resp: 172734
Ion Ratio Lower Upper
142 100
141 88.1 71.2 106.8



#38
1-Methylnaphthalene
Concen: 5.387 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion:142 Resp: 166050
Ion Ratio Lower Upper
142 100
141 93.9 74.2 111.4

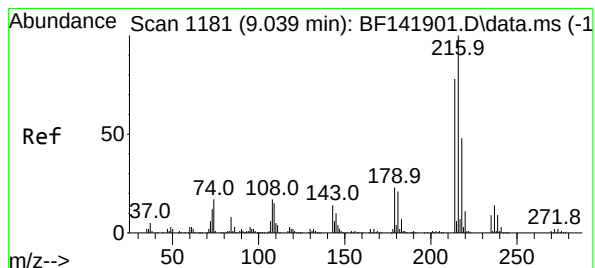
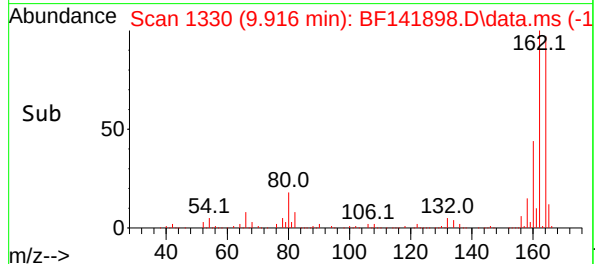
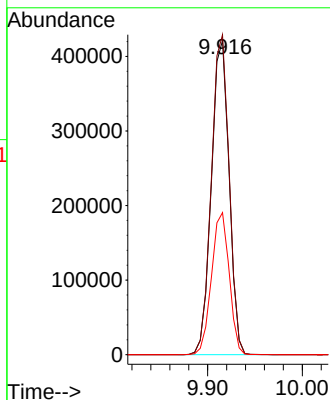
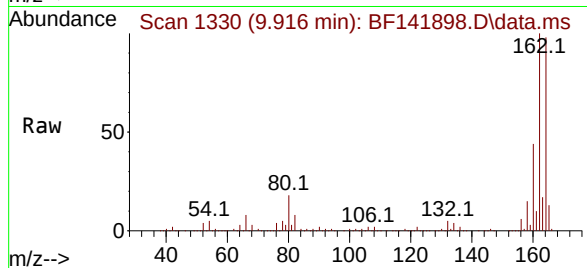




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

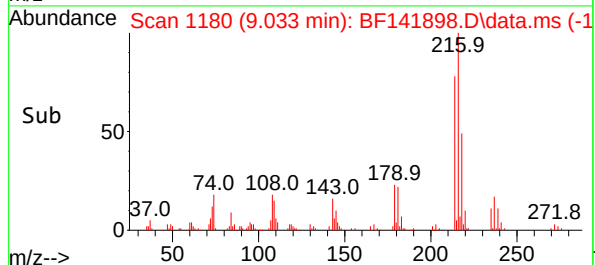
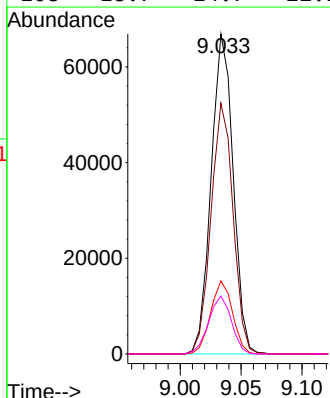
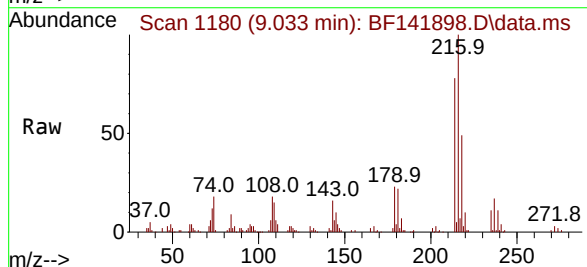
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

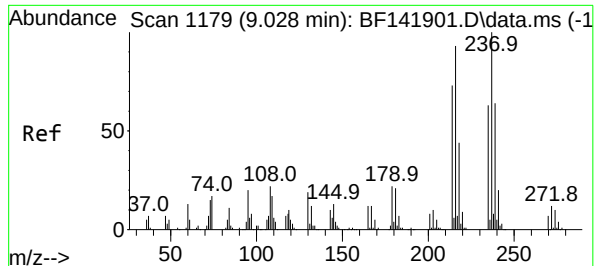
Tgt Ion:164 Resp: 546702
Ion Ratio Lower Upper
164 100
162 101.8 81.8 122.6
160 45.2 36.7 55.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.041 ng
RT: 9.033 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion:216 Resp: 84034
Ion Ratio Lower Upper
216 100
214 78.6 61.9 92.9
179 22.8 18.1 27.1
108 18.7 14.7 22.1

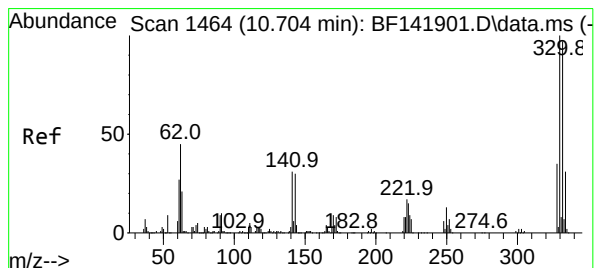
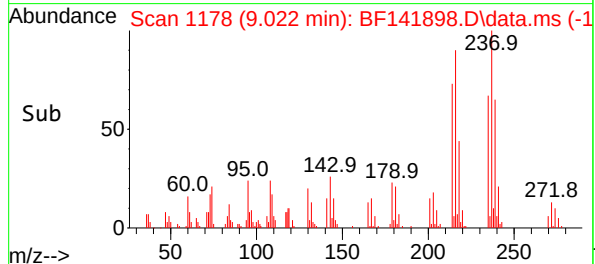
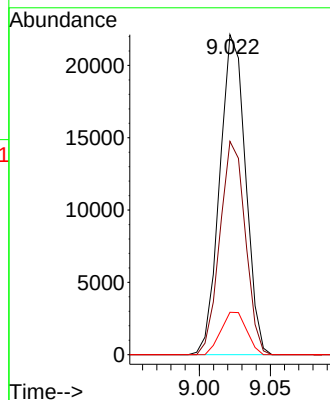
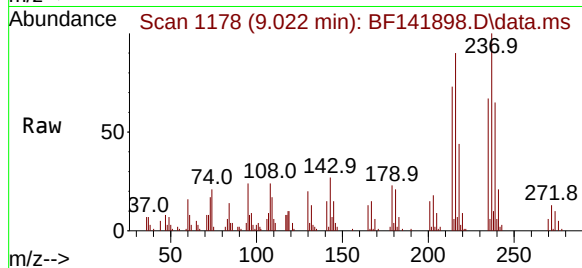




#41
Hexachlorocyclopentadiene
Concen: 4.246 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

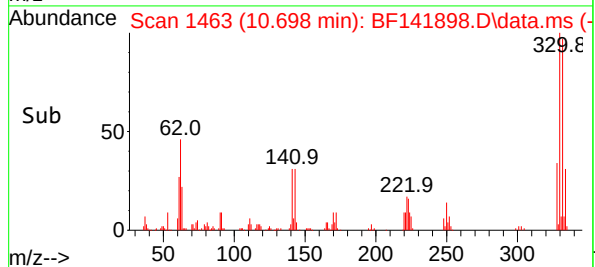
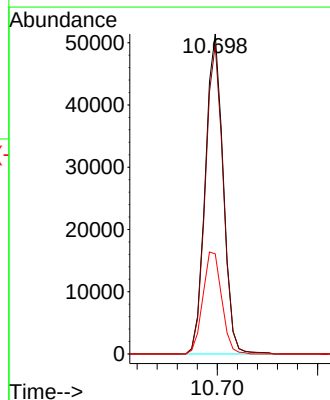
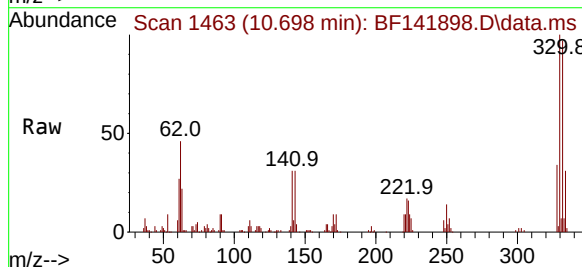
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

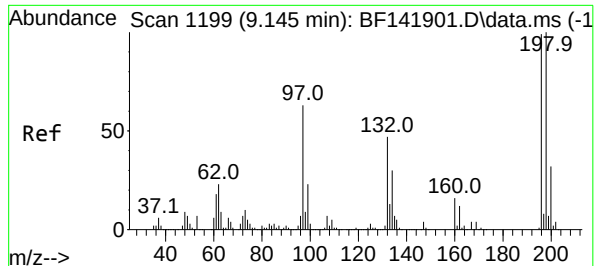
Tgt Ion	Ratio	Lower	Upper
237	100		
235	66.6	43.1	83.1
272	13.2	0.0	32.0



#42
2,4,6-Tribromophenol
Concen: 9.238 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.6	116.4
141	33.4	24.7	37.1





#43

2,4,6-Trichlorophenol

Concen: 4.877 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.000 min

Lab File: BF141898.D

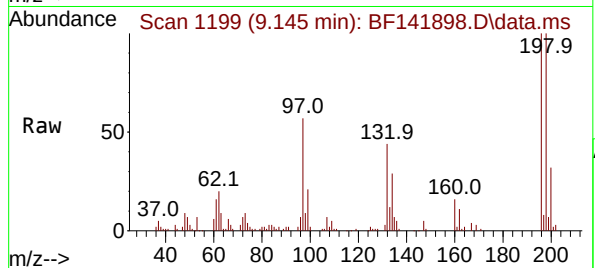
Acq: 10 Mar 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



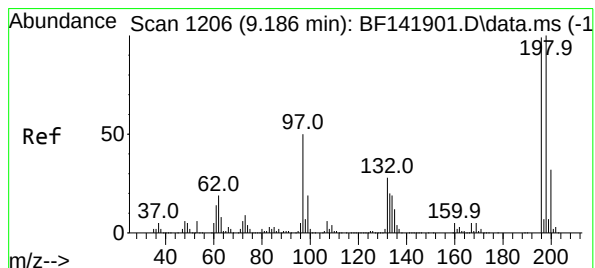
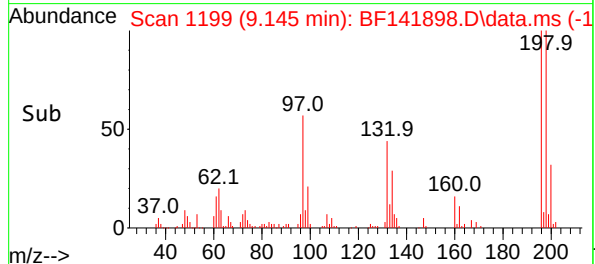
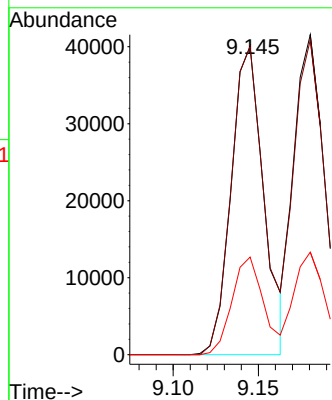
Tgt Ion:196 Resp: 52998

Ion Ratio Lower Upper

196 100

198 99.7 80.6 121.0

200 31.6 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 4.901 ng

RT: 9.180 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF141898.D

Acq: 10 Mar 2025 11:30

Tgt Ion:196 Resp: 54111

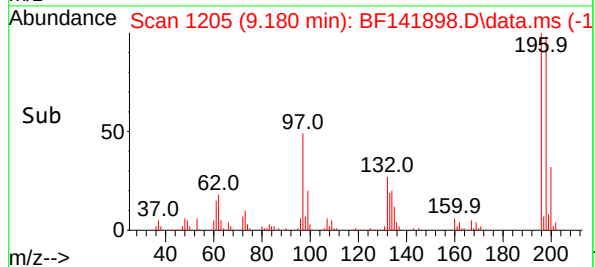
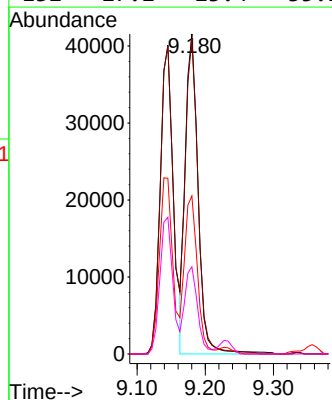
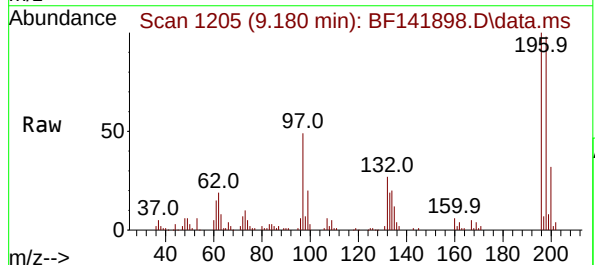
Ion Ratio Lower Upper

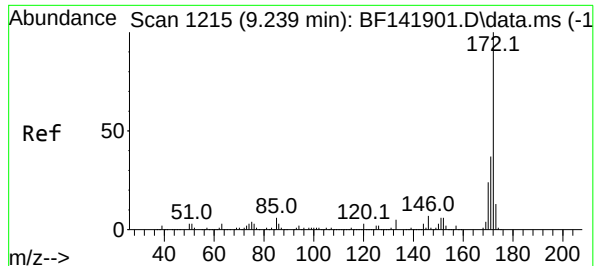
196 100

198 98.4 80.7 121.1

97 49.4 42.1 63.1

132 27.2 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 10.888 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF141898.D

Acq: 10 Mar 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

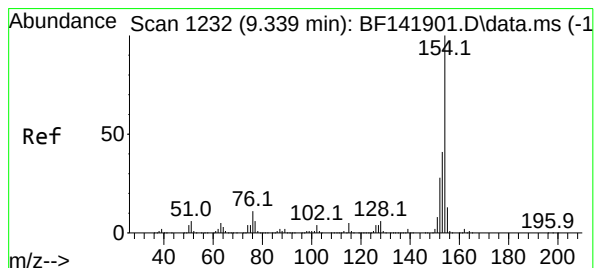
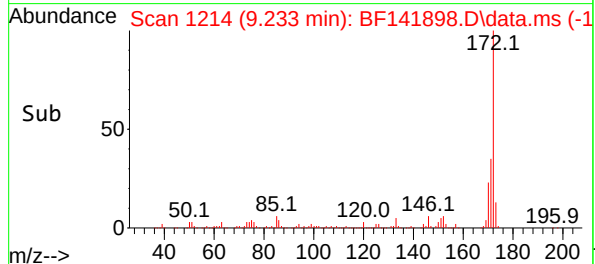
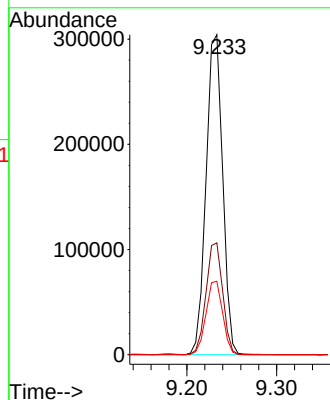
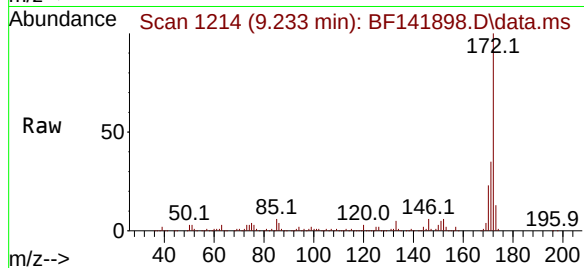
Tgt Ion:172 Resp: 390913

Ion Ratio Lower Upper

172 100

171 34.9 29.3 43.9

170 23.0 19.4 29.0



#46

1,1'-Biphenyl

Concen: 5.395 ng

RT: 9.333 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF141898.D

Acq: 10 Mar 2025 11:30

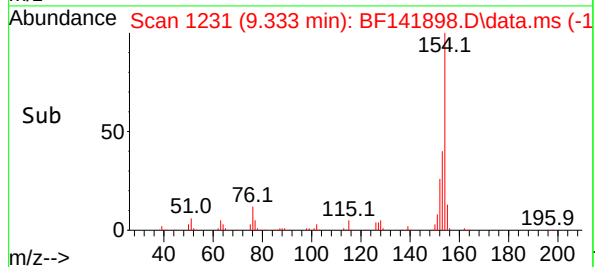
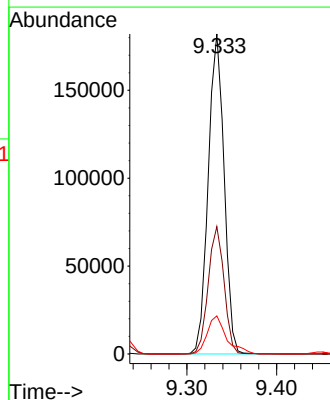
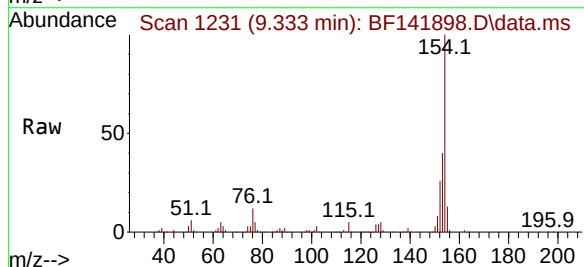
Tgt Ion:154 Resp: 223637

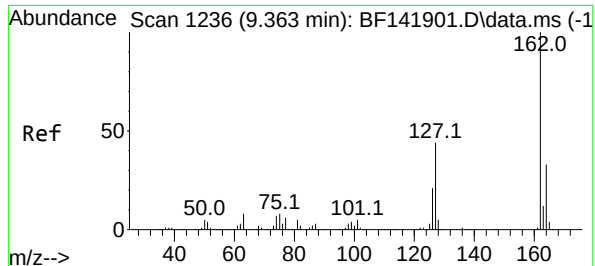
Ion Ratio Lower Upper

154 100

153 39.8 21.1 61.1

76 11.9 0.0 31.3





#47

2-Chloronaphthalene

Concen: 5.298 ng

RT: 9.357 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141898.D

Acq: 10 Mar 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

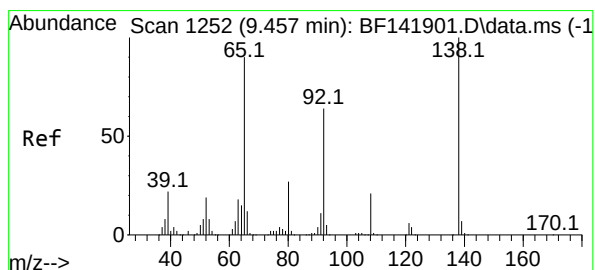
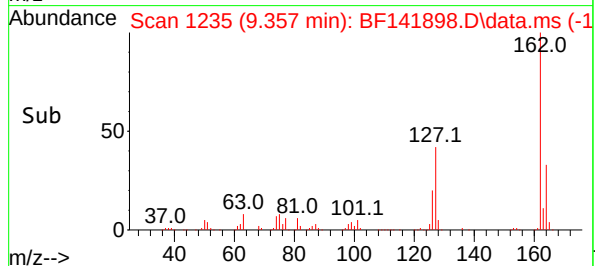
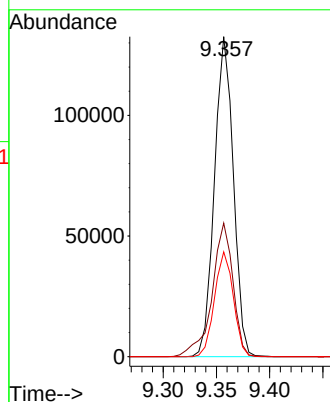
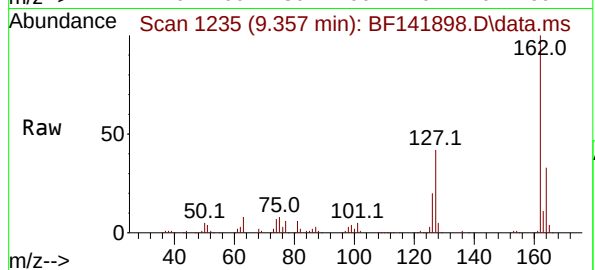
Tgt Ion:162 Resp: 163642

Ion Ratio Lower Upper

162 100

127 41.7 35.5 53.3

164 32.8 26.6 40.0



#48

2-Nitroaniline

Concen: 4.561 ng

RT: 9.451 min Scan# 1251

Delta R.T. -0.006 min

Lab File: BF141898.D

Acq: 10 Mar 2025 11:30

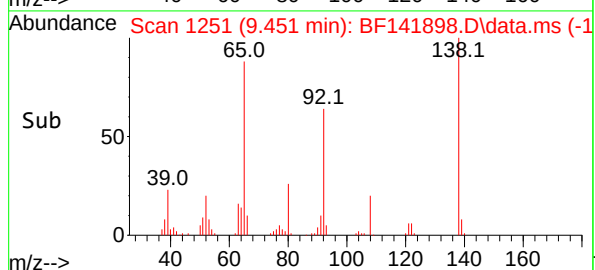
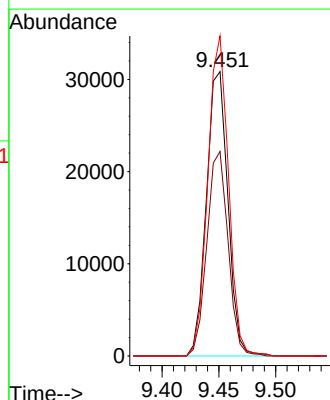
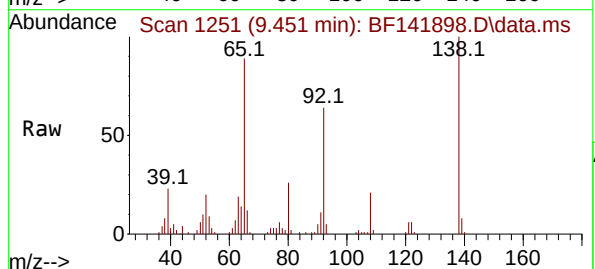
Tgt Ion: 65 Resp: 40475

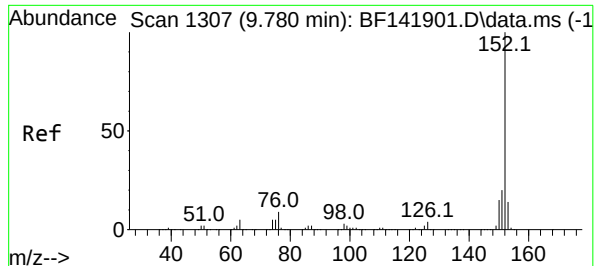
Ion Ratio Lower Upper

65 100

92 71.9 56.6 84.8

138 112.5 88.6 133.0





#49

Acenaphthylene

Concen: 5.268 ng

RT: 9.774 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141898.D

Acq: 10 Mar 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

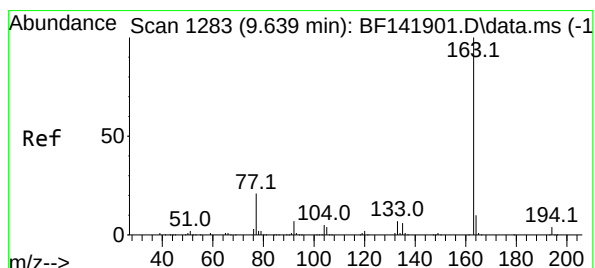
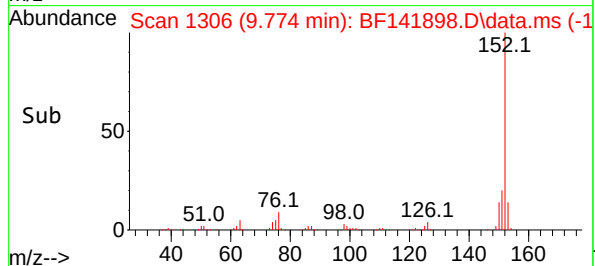
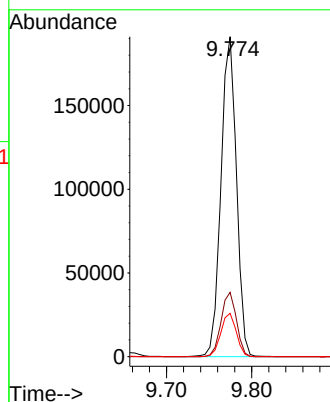
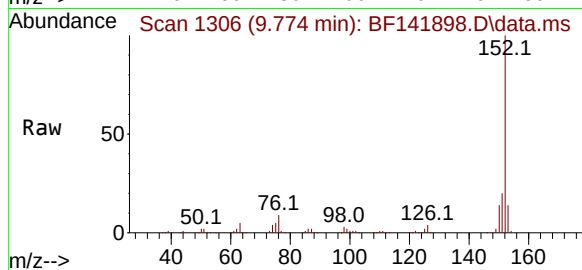
Tgt Ion:152 Resp: 241253

Ion Ratio Lower Upper

152 100

151 20.1 16.3 24.5

153 13.6 11.1 16.7



#50

Dimethylphthalate

Concen: 5.328 ng

RT: 9.627 min Scan# 1281

Delta R.T. -0.012 min

Lab File: BF141898.D

Acq: 10 Mar 2025 11:30

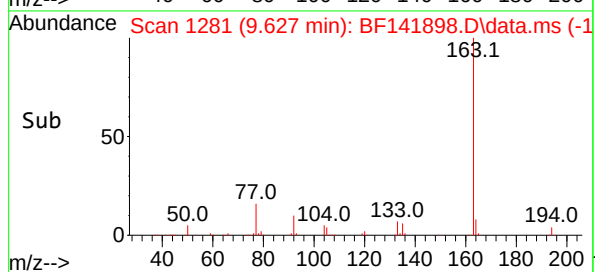
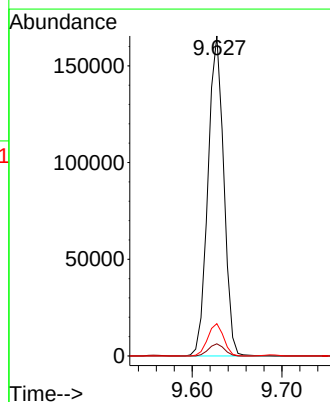
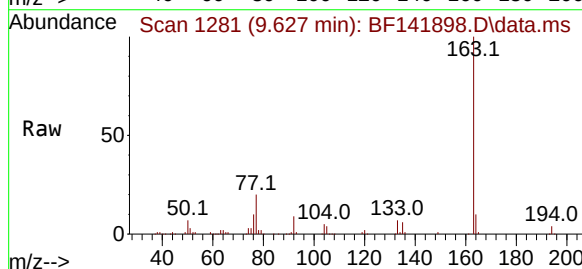
Tgt Ion:163 Resp: 202373

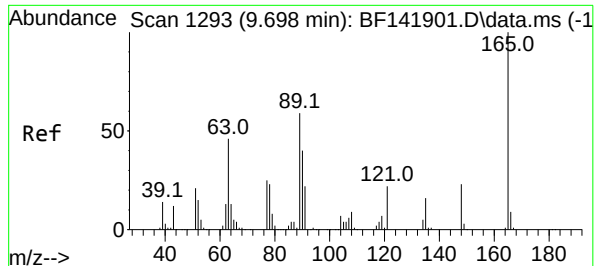
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 10.1 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 4.785 ng

RT: 9.686 min Scan# 1293

Delta R.T. -0.012 min

Lab File: BF141898.D

Acq: 10 Mar 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

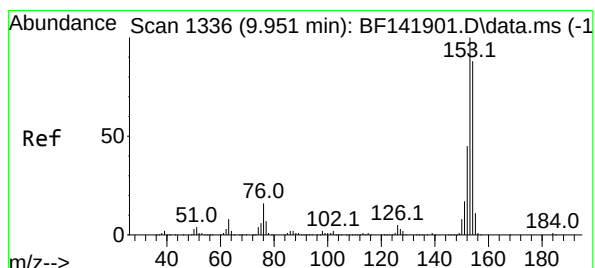
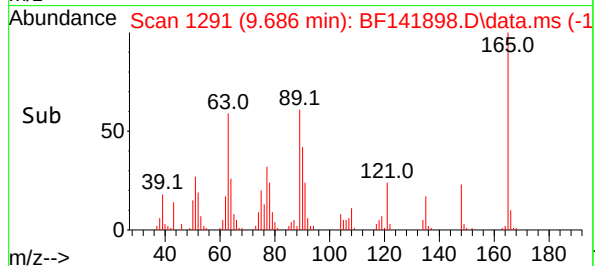
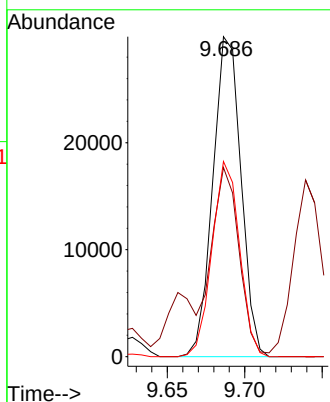
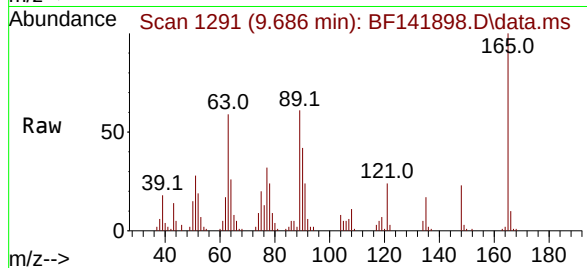
Tgt Ion:165 Resp: 37796

Ion Ratio Lower Upper

165 100

63 59.1 47.0 70.4

89 61.0 47.4 71.2



#52

Acenaphthene

Concen: 5.225 ng

RT: 9.945 min Scan# 1335

Delta R.T. -0.006 min

Lab File: BF141898.D

Acq: 10 Mar 2025 11:30

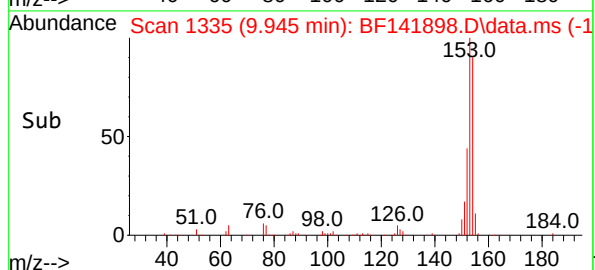
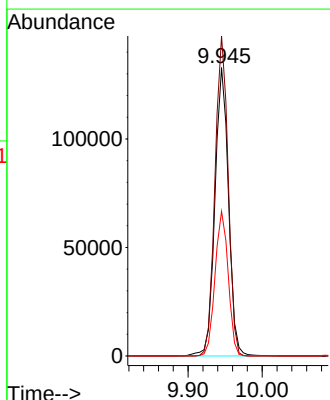
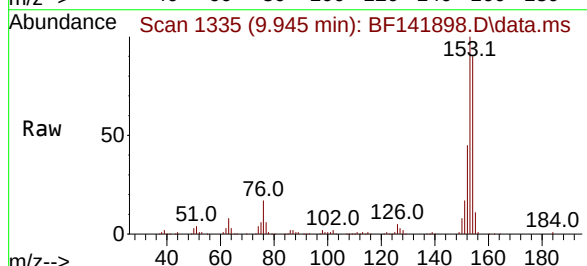
Tgt Ion:154 Resp: 168975

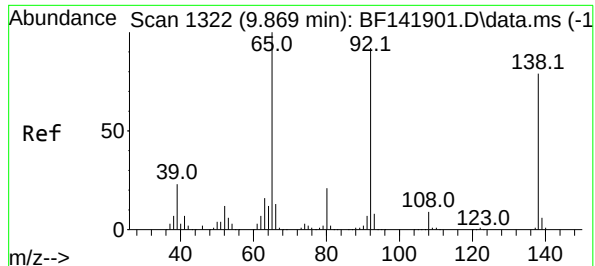
Ion Ratio Lower Upper

154 100

153 111.0 90.7 136.1

152 50.2 41.1 61.7

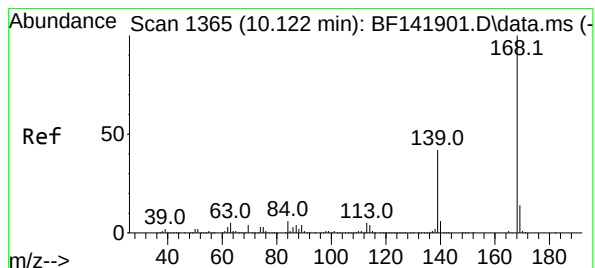
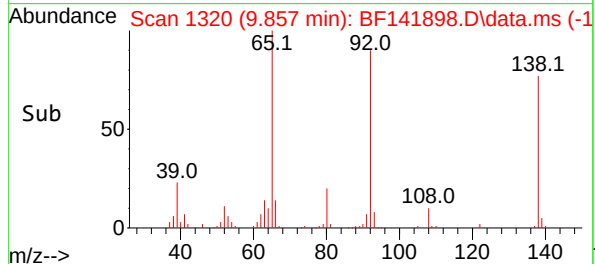
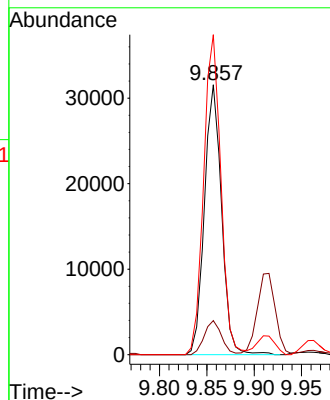
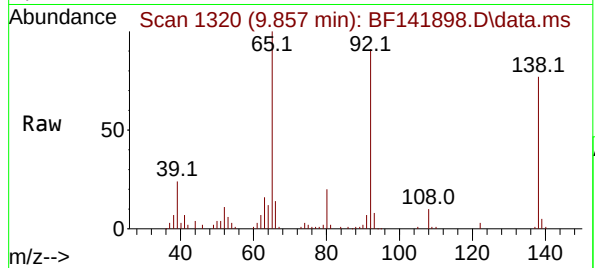




#53
3-Nitroaniline
Concen: 4.902 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

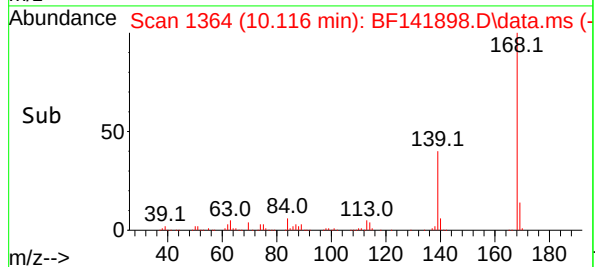
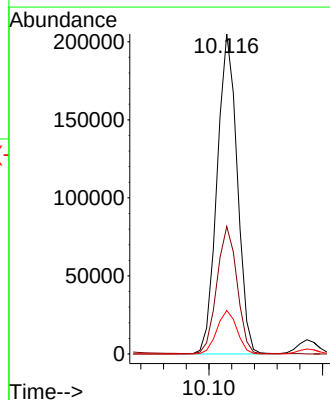
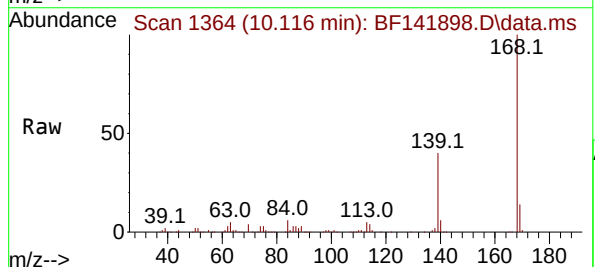
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

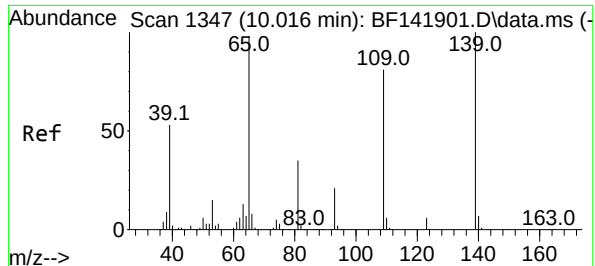
Tgt Ion	Ratio	Lower	Upper
138	100		
108	12.6	9.3	13.9
92	118.6	93.5	140.3



#55
Dibenzofuran
Concen: 5.481 ng
RT: 10.116 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.8	33.9	50.9
169	13.6	11.0	16.4

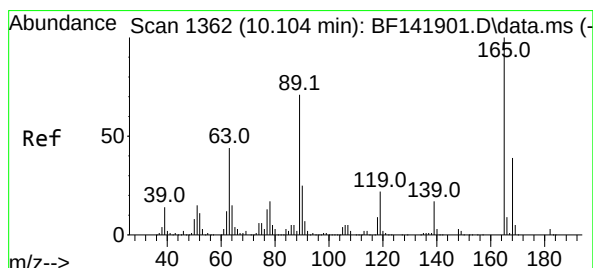
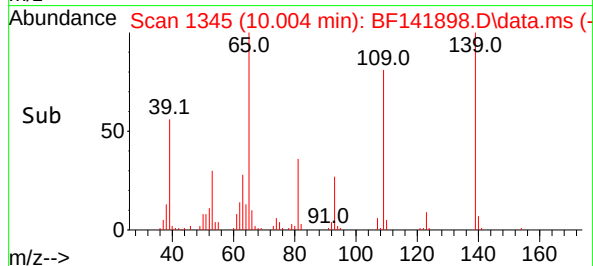
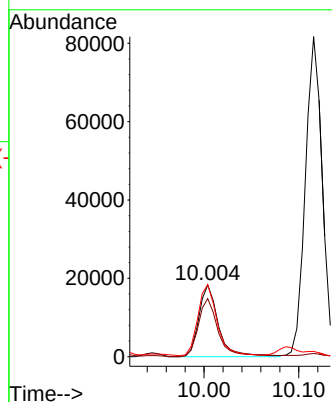
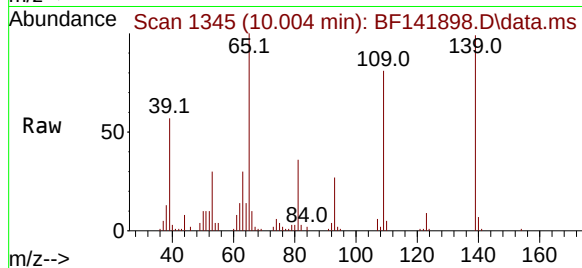




#56
4-Nitrophenol
Concen: 4.309 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

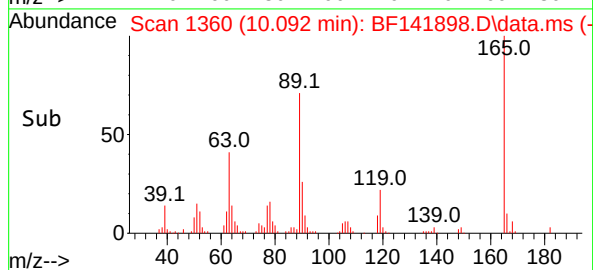
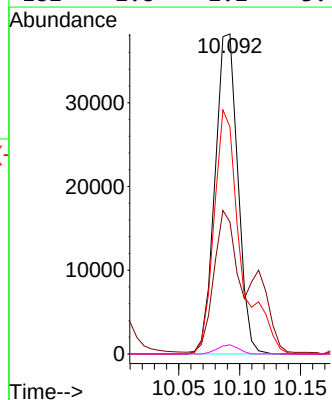
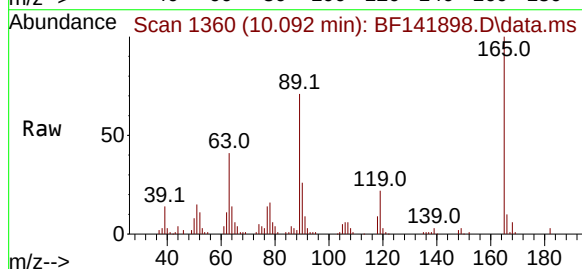
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

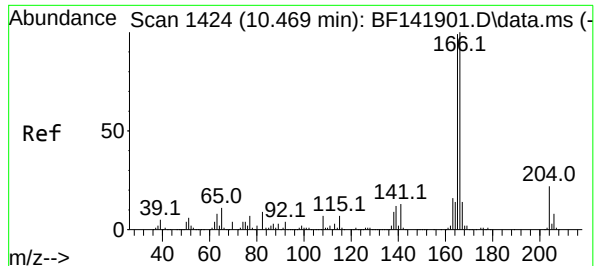
Tgt Ion	Ratio	Lower	Upper
139	100		
109	81.1	61.6	101.6
65	100.7	79.4	119.4



#57
2,4-Dinitrotoluene
Concen: 4.800 ng
RT: 10.092 min Scan# 1360
Delta R.T. -0.012 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion	Ratio	Lower	Upper
165	100		
63	41.2	35.4	53.2
89	70.9	56.6	84.8
182	2.8	2.2	3.4

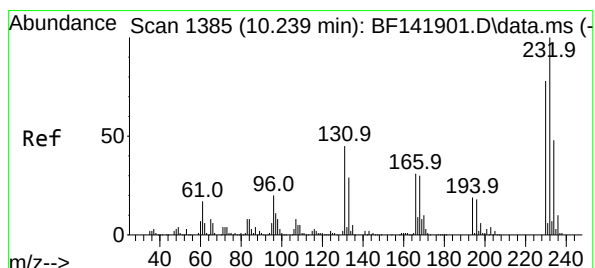
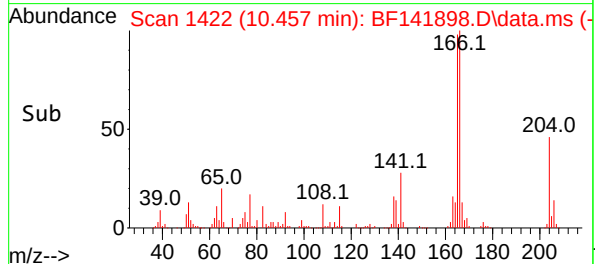
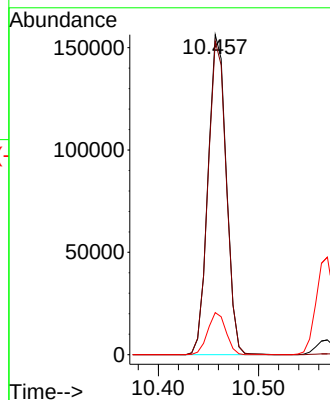
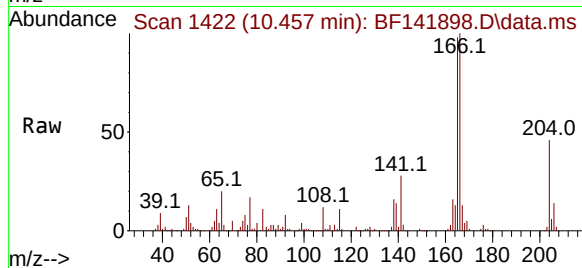




#58
Fluorene
Concen: 5.542 ng
RT: 10.457 min Scan# 141
Delta R.T. -0.012 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

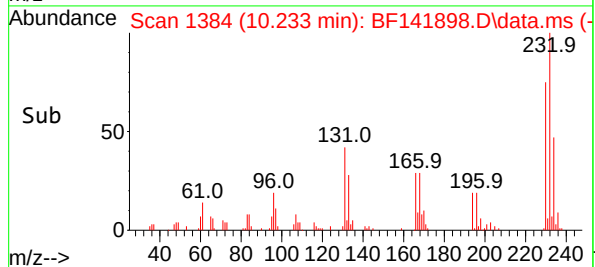
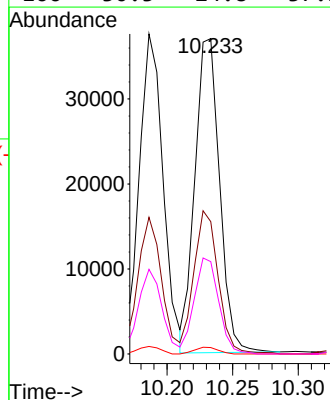
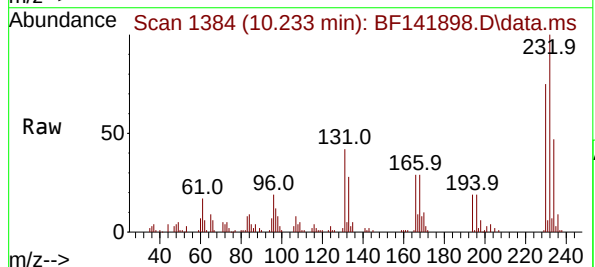
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

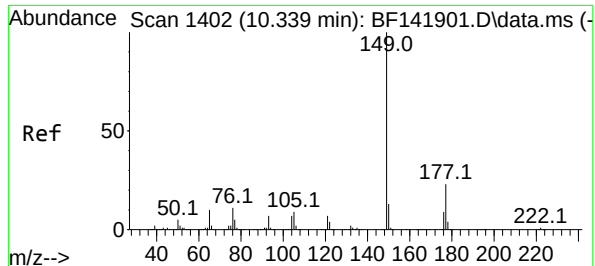
Tgt Ion:166 Resp: 197266
Ion Ratio Lower Upper
166 100
165 98.0 79.0 118.4
167 13.2 11.0 16.4



#59
2,3,4,6-Tetrachlorophenol
Concen: 4.839 ng
RT: 10.233 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion:232 Resp: 48472
Ion Ratio Lower Upper
232 100
131 44.9 37.3 55.9
130 2.1 1.9 2.9
166 30.3 24.8 37.2

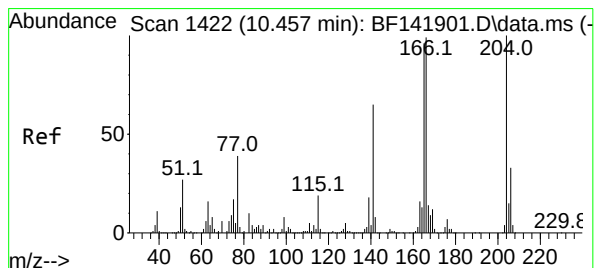
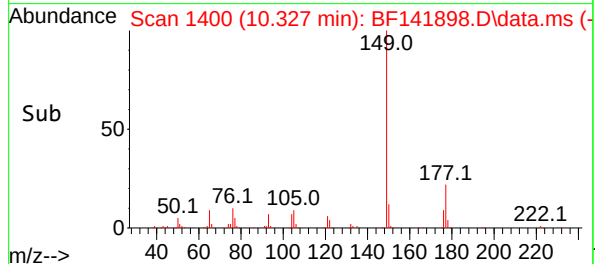
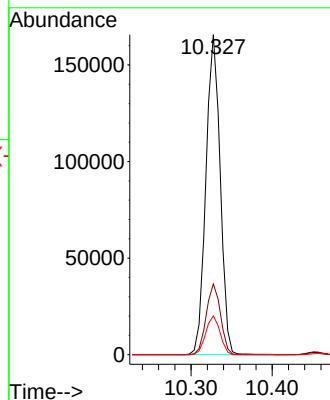
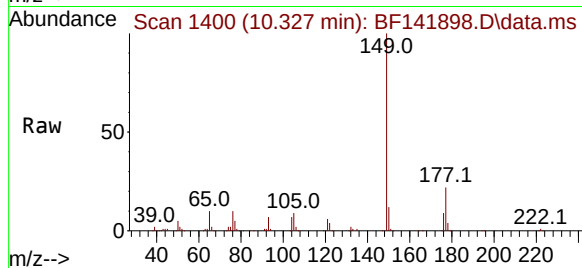




#60
Diethylphthalate
Concen: 5.286 ng
RT: 10.327 min Scan# 1400
Delta R.T. -0.012 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

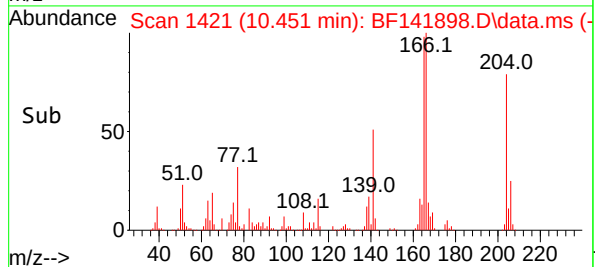
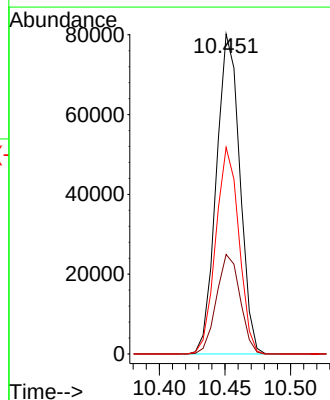
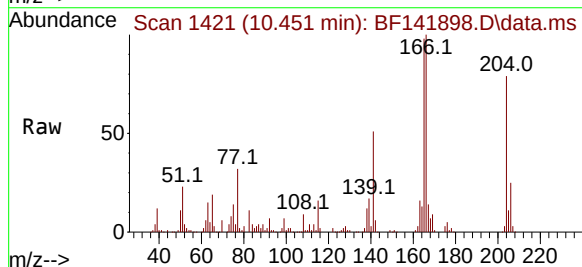
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

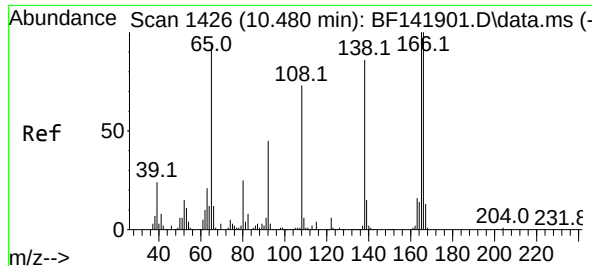
Tgt Ion:149 Resp: 201554
Ion Ratio Lower Upper
149 100
177 22.1 18.0 27.0
150 12.1 10.2 15.4



#61
4-Chlorophenyl-phenylether
Concen: 5.380 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion:204 Resp: 99747
Ion Ratio Lower Upper
204 100
206 31.1 26.8 40.2
141 64.5 52.4 78.6

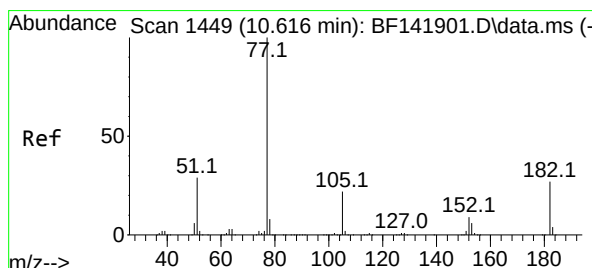
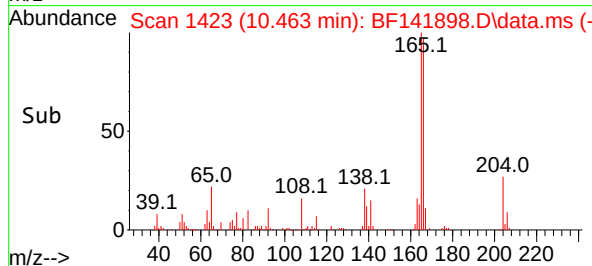
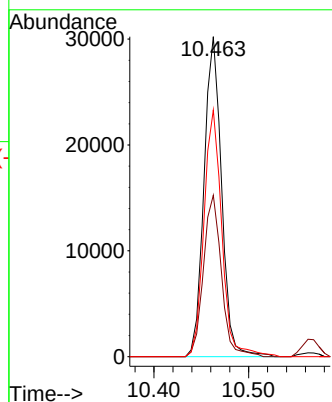
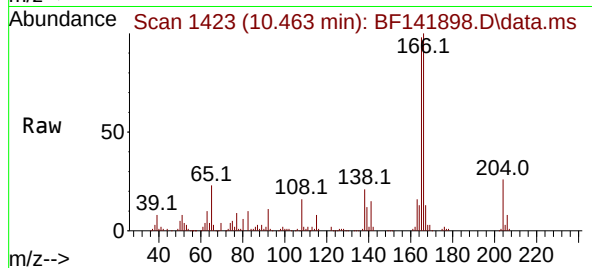




#62
4-Nitroaniline
Concen: 4.945 ng
RT: 10.463 min Scan# 1426
Delta R.T. -0.018 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

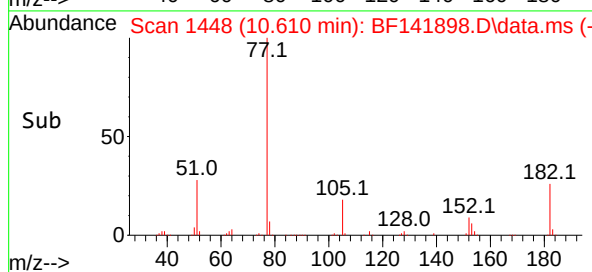
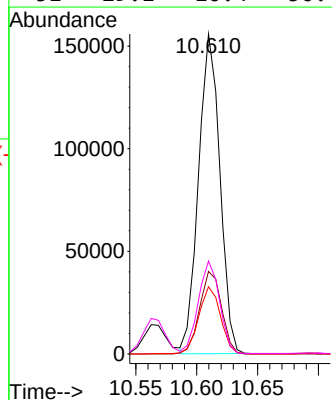
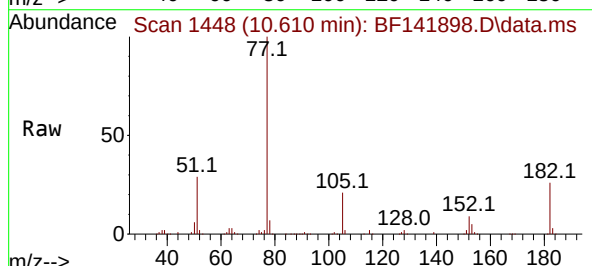
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

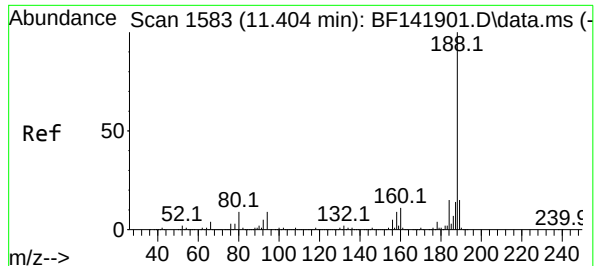
Tgt Ion:138 Resp: 38863
Ion Ratio Lower Upper
138 100
92 50.5 32.6 72.6
108 77.1 65.0 105.0



#63
Azobenzene
Concen: 5.370 ng
RT: 10.610 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion: 77 Resp: 190233
Ion Ratio Lower Upper
77 100
182 25.8 6.6 46.6
105 21.0 1.3 41.3
51 29.1 10.4 50.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141898.D

Acq: 10 Mar 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

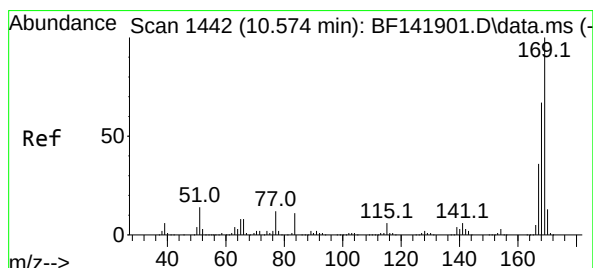
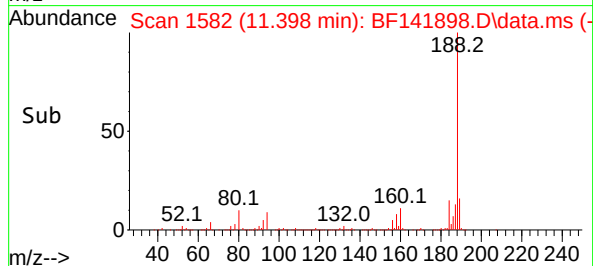
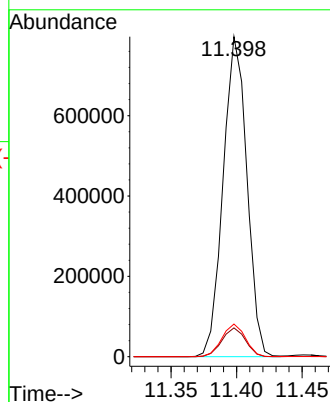
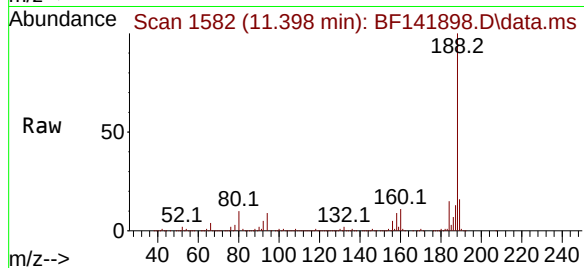
Tgt Ion:188 Resp: 1002901

Ion Ratio Lower Upper

188 100

94 9.0 6.8 10.2

80 10.2 7.6 11.4



#66

n-Nitrosodiphenylamine

Concen: 5.223 ng

RT: 10.569 min Scan# 1441

Delta R.T. -0.006 min

Lab File: BF141898.D

Acq: 10 Mar 2025 11:30

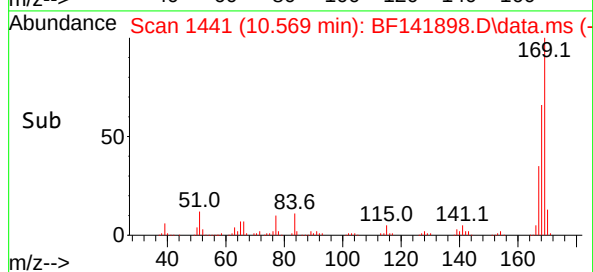
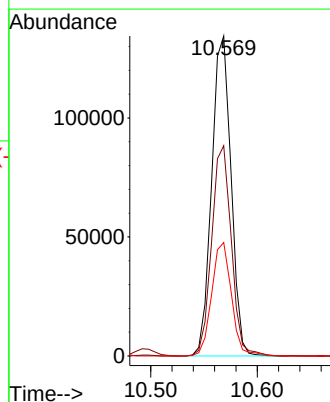
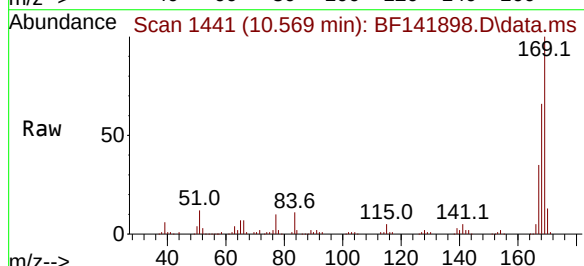
Tgt Ion:169 Resp: 169225

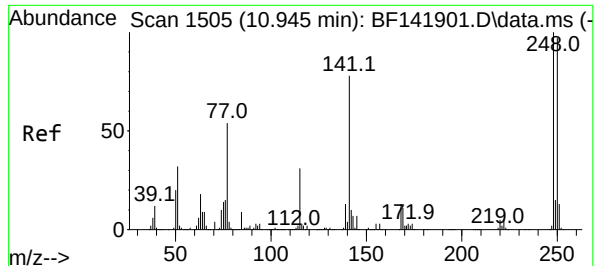
Ion Ratio Lower Upper

169 100

168 65.7 53.7 80.5

167 35.5 29.2 43.8

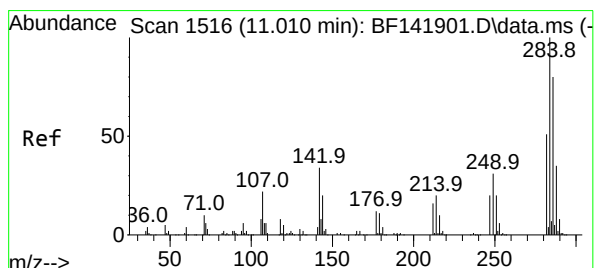
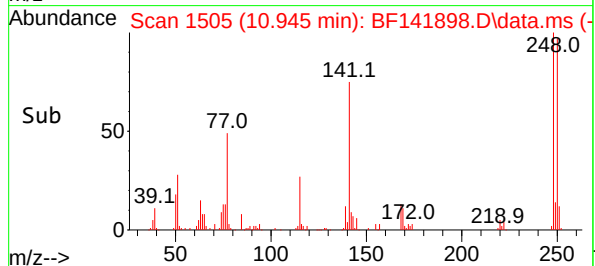
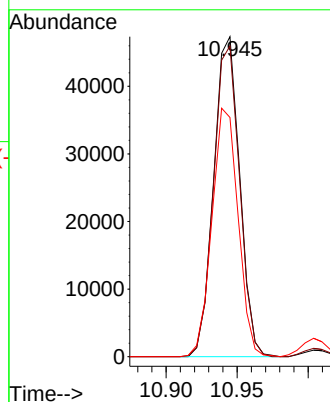
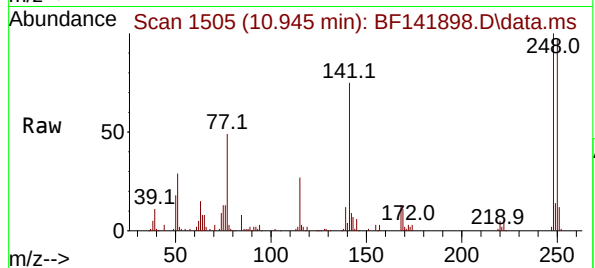




#67
4-Bromophenyl-phenylether
Concen: 4.823 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

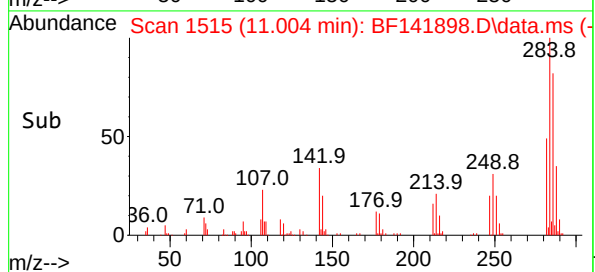
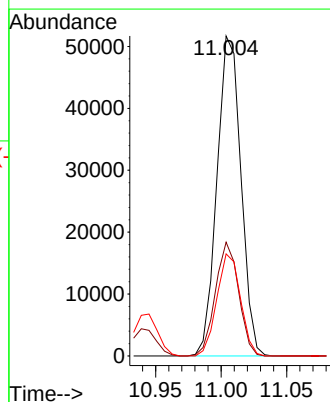
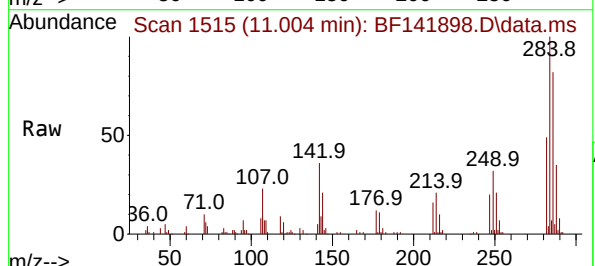
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

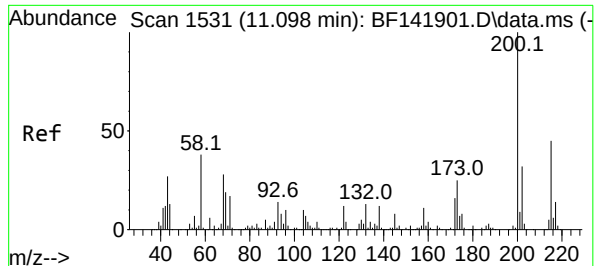
Tgt Ion:248 Resp: 60238
Ion Ratio Lower Upper
248 100
250 97.1 77.8 116.8
141 74.7 62.6 93.8



#68
Hexachlorobenzene
Concen: 4.753 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion:284 Resp: 65620
Ion Ratio Lower Upper
284 100
142 35.6 27.0 40.6
249 31.9 25.2 37.8





#69

Atrazine

Concen: 6.867 ng

RT: 11.092 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141898.D

Acq: 10 Mar 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

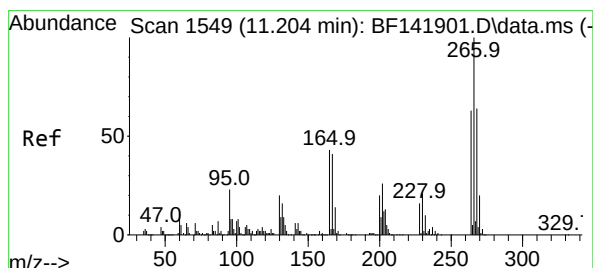
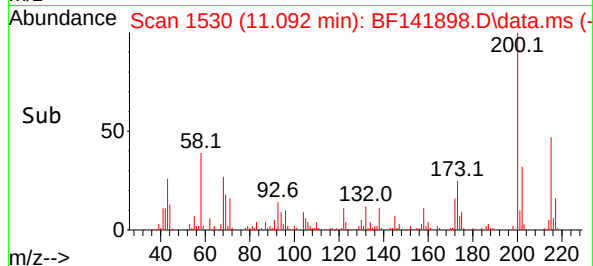
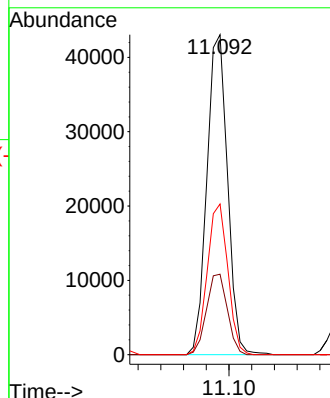
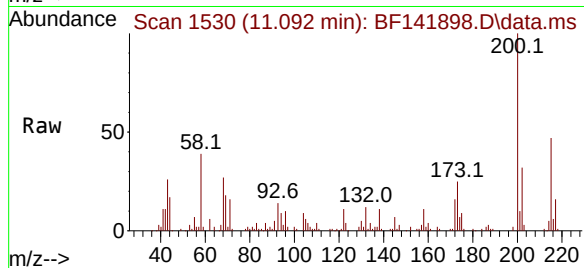
Tgt Ion:200 Resp: 54251

Ion Ratio Lower Upper

200 100

173 25.1 4.7 44.7

215 47.1 25.4 65.4



#70

Pentachlorophenol

Concen: 3.843 ng

RT: 11.198 min Scan# 1548

Delta R.T. -0.006 min

Lab File: BF141898.D

Acq: 10 Mar 2025 11:30

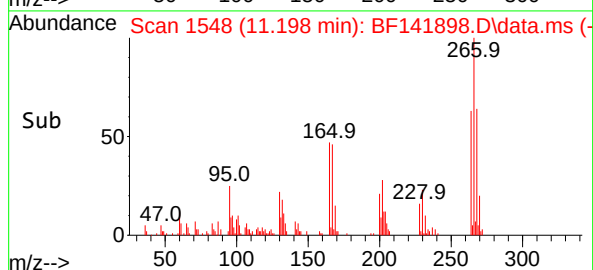
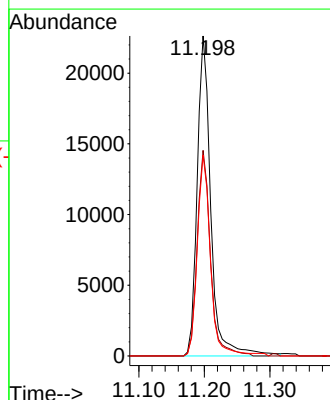
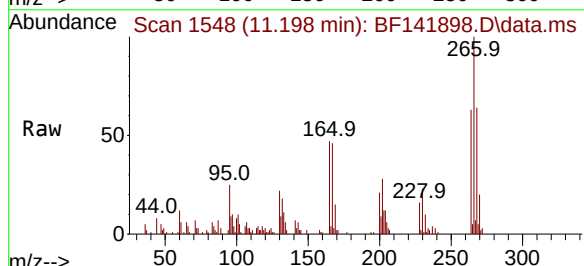
Tgt Ion:266 Resp: 32716

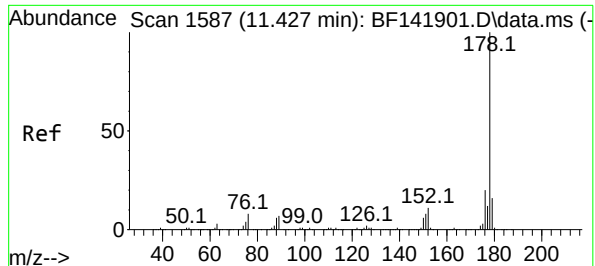
Ion Ratio Lower Upper

266 100

268 64.2 51.0 76.6

264 62.8 50.2 75.2





#71

Phenanthrene

Concen: 5.340 ng

RT: 11.421 min Scan# 1586

Delta R.T. -0.006 min

Lab File: BF141898.D

Acq: 10 Mar 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

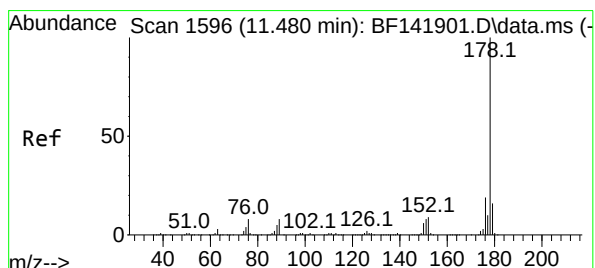
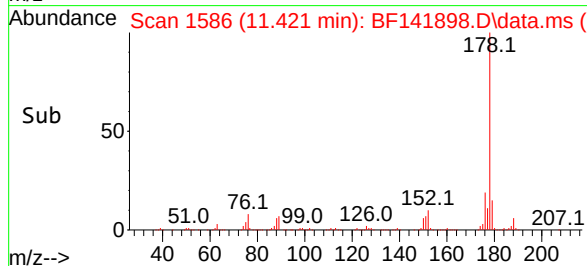
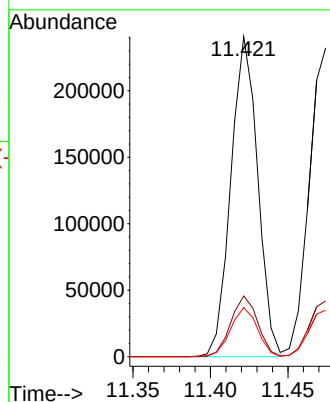
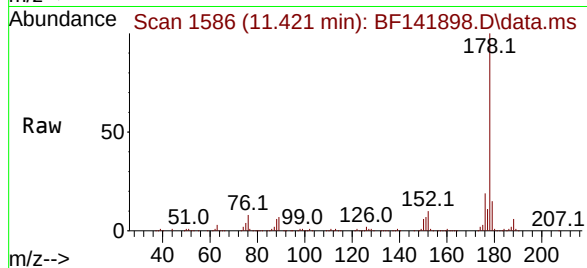
Tgt Ion:178 Resp: 289580

Ion Ratio Lower Upper

178 100

176 19.0 15.8 23.8

179 15.3 12.6 19.0



#72

Anthracene

Concen: 5.407 ng

RT: 11.474 min Scan# 1595

Delta R.T. -0.006 min

Lab File: BF141898.D

Acq: 10 Mar 2025 11:30

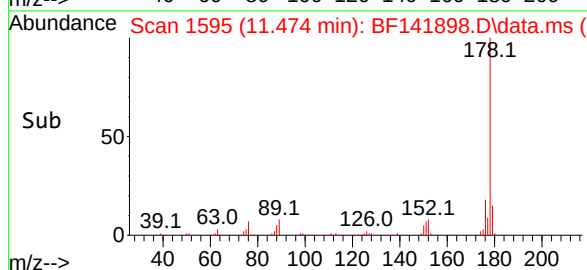
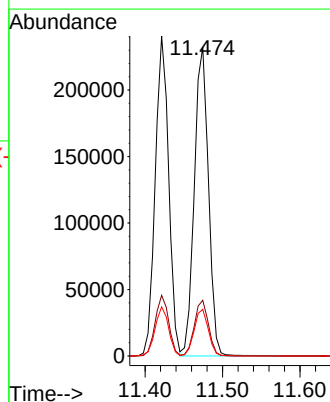
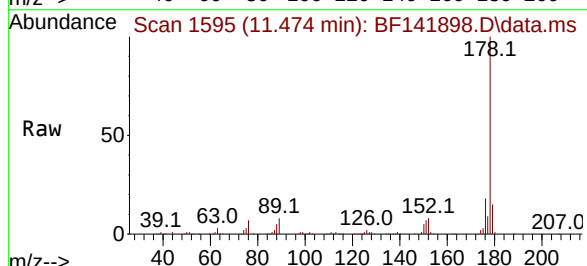
Tgt Ion:178 Resp: 294198

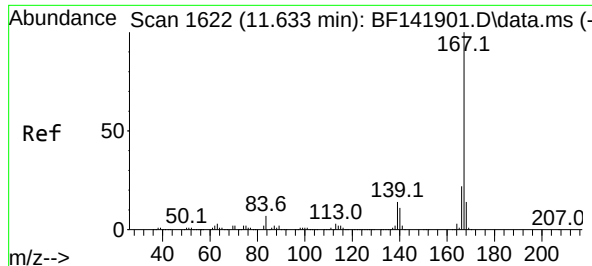
Ion Ratio Lower Upper

178 100

176 18.1 15.1 22.7

179 15.1 12.6 19.0

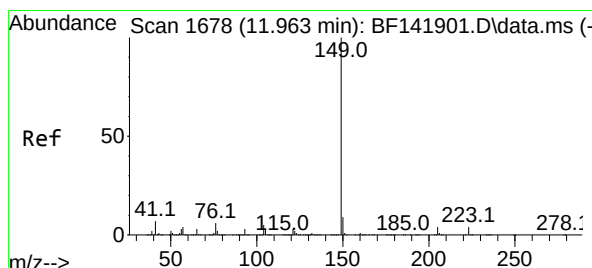
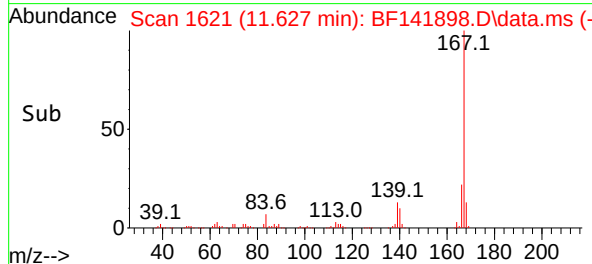
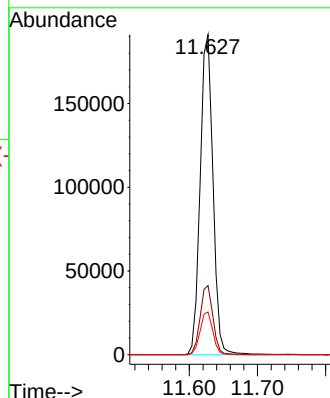
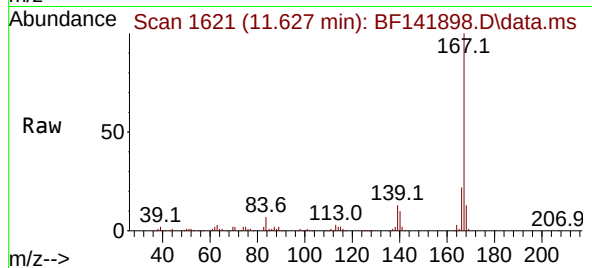




#73
Carbazole
Concen: 5.329 ng
RT: 11.627 min Scan# 1621
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

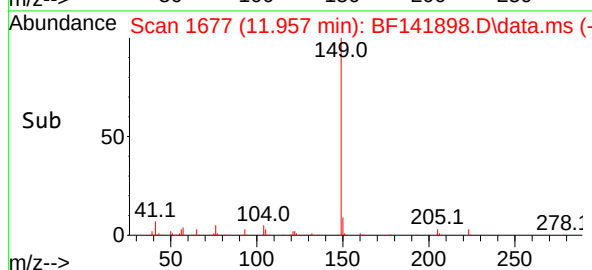
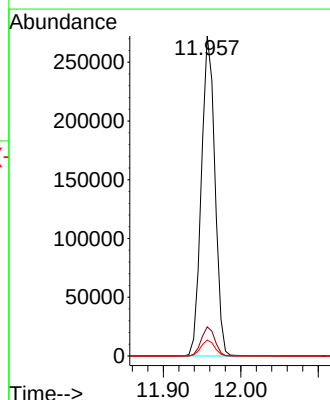
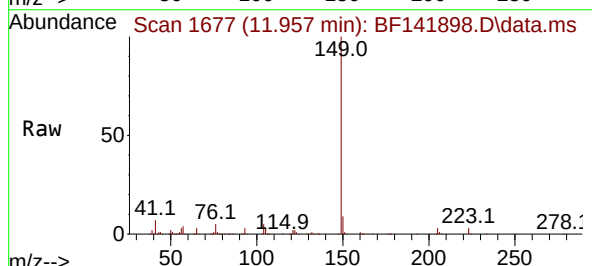
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

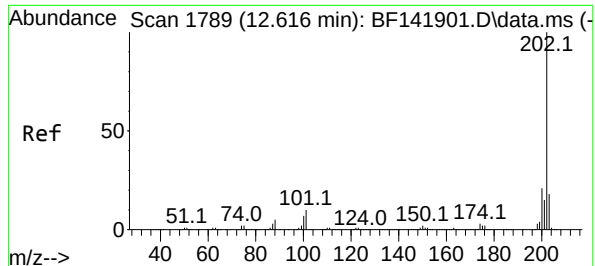
Tgt Ion:167 Resp: 249634
Ion Ratio Lower Upper
167 100
166 21.6 17.4 26.2
139 13.3 11.0 16.6



#74
Di-n-butylphthalate
Concen: 5.352 ng
RT: 11.957 min Scan# 1677
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion:149 Resp: 330999
Ion Ratio Lower Upper
149 100
150 9.1 7.6 11.4
104 5.0 4.4 6.6

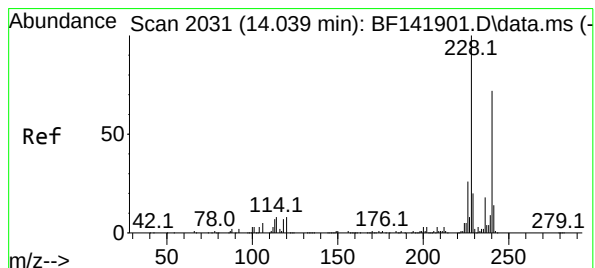
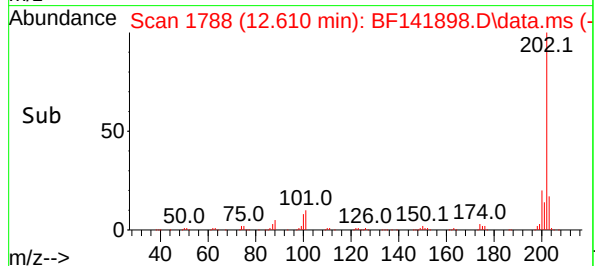
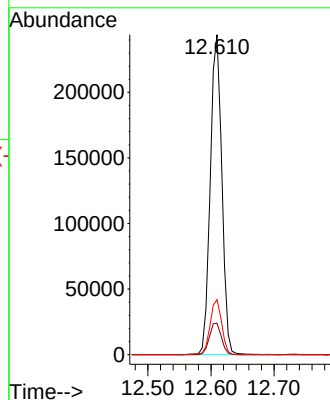
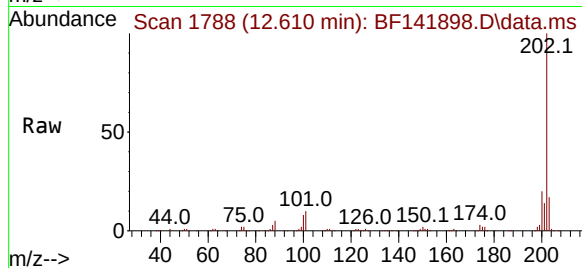




#75
Fluoranthene
Concen: 5.432 ng
RT: 12.610 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

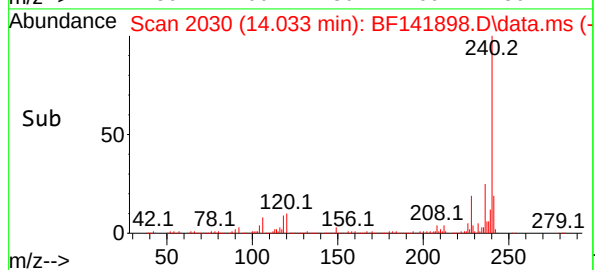
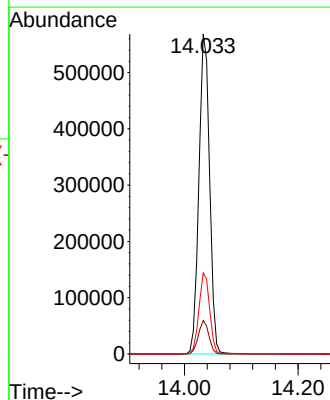
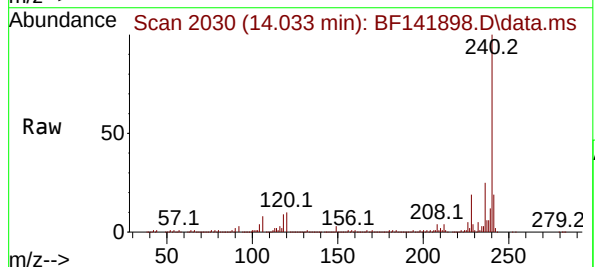
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

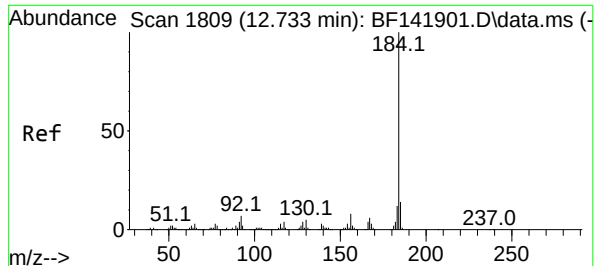
Tgt Ion:202 Resp: 309273
Ion Ratio Lower Upper
202 100
101 9.8 0.0 29.7
203 17.2 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion:240 Resp: 745624
Ion Ratio Lower Upper
240 100
120 10.4 8.4 12.6
236 25.3 20.5 30.7





#77

Benzidine

Concen: 6.138 ng

RT: 12.733 min Scan# 1809

Delta R.T. -0.000 min

Lab File: BF141898.D

Acq: 10 Mar 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

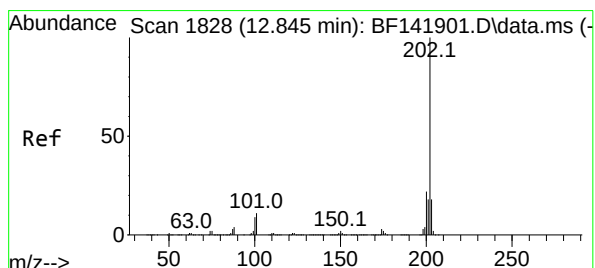
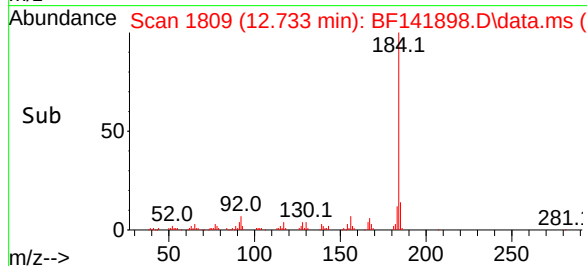
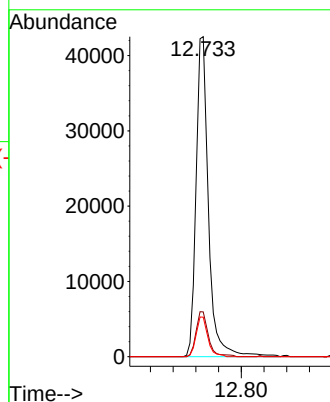
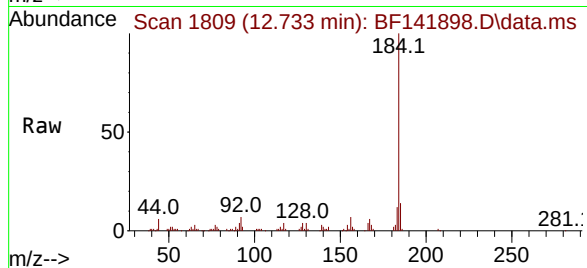
Tgt Ion:184 Resp: 64673

Ion Ratio Lower Upper

184 100

185 14.0 11.5 17.3

183 12.3 9.7 14.5



#78

Pyrene

Concen: 4.941 ng

RT: 12.839 min Scan# 1827

Delta R.T. -0.006 min

Lab File: BF141898.D

Acq: 10 Mar 2025 11:30

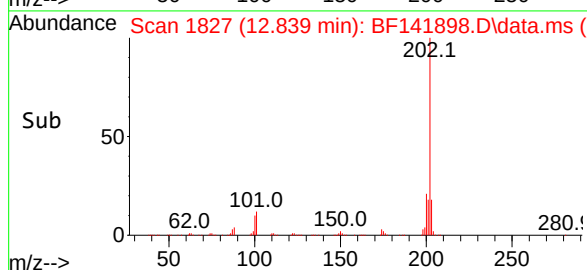
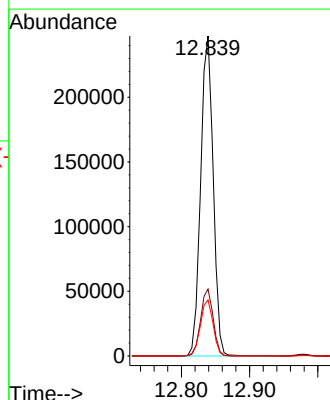
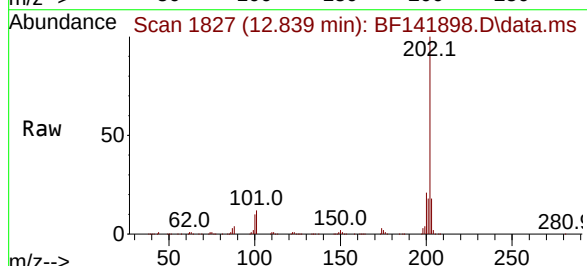
Tgt Ion:202 Resp: 315969

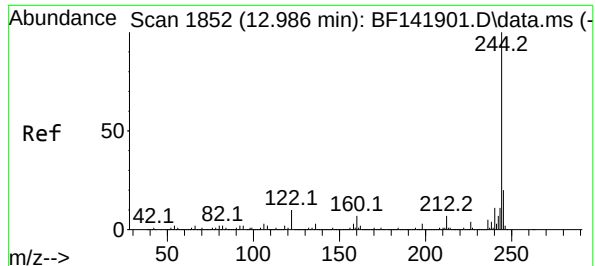
Ion Ratio Lower Upper

202 100

200 20.9 17.3 25.9

203 17.5 14.4 21.6





#79

Terphenyl-d14

Concen: 9.924 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BF141898.D

Acq: 10 Mar 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

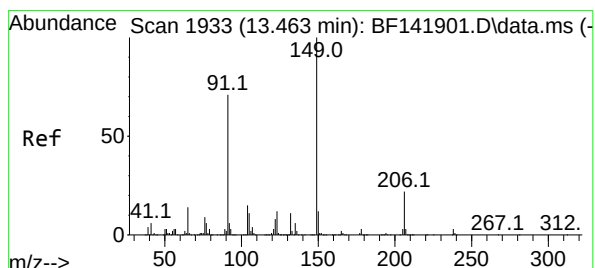
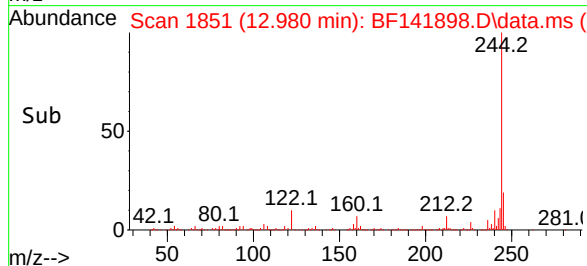
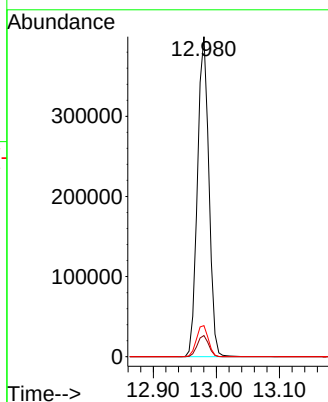
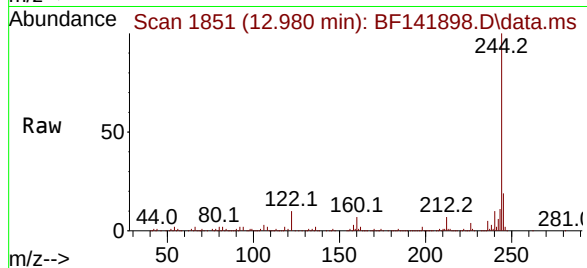
Tgt Ion:244 Resp: 500607

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

122 9.7 7.7 11.5



#80

Butylbenzylphthalate

Concen: 4.653 ng

RT: 13.457 min Scan# 1932

Delta R.T. -0.006 min

Lab File: BF141898.D

Acq: 10 Mar 2025 11:30

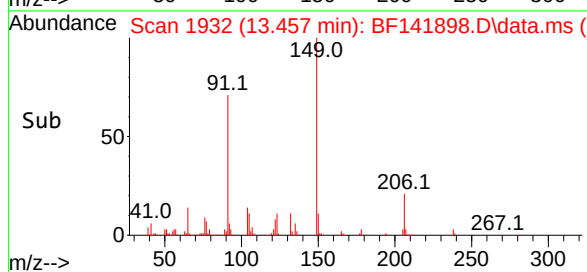
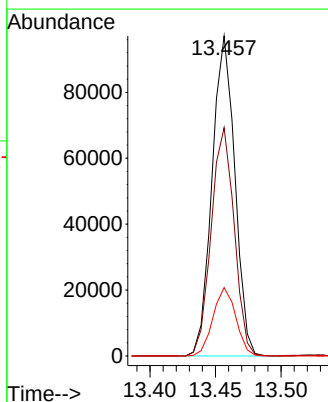
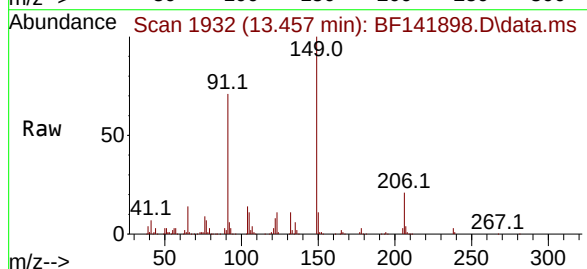
Tgt Ion:149 Resp: 117256

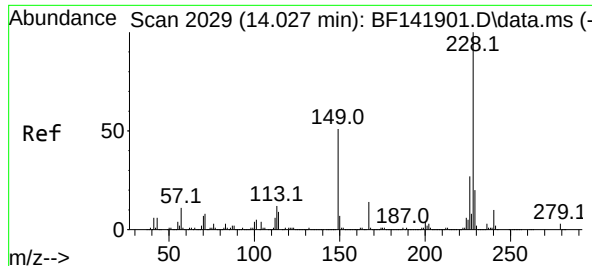
Ion Ratio Lower Upper

149 100

91 71.4 56.5 84.7

206 21.4 17.3 25.9

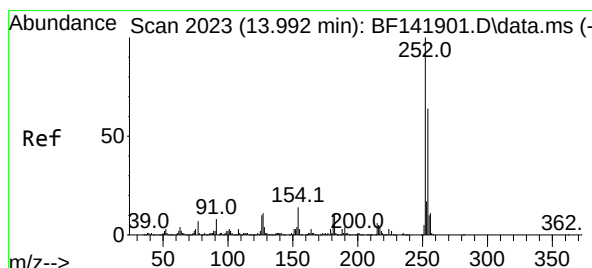
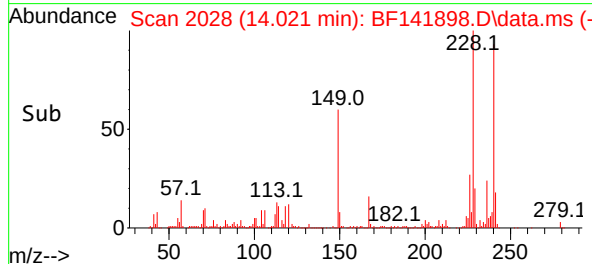
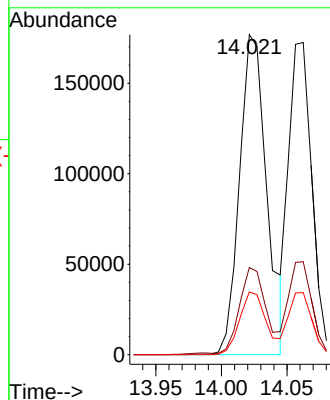
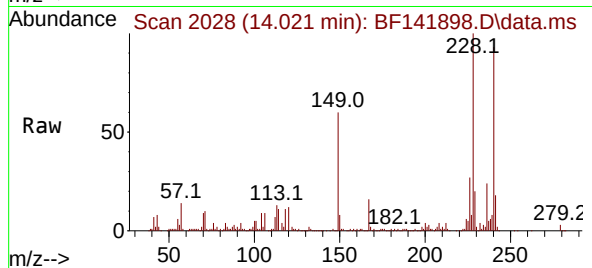




#81
Benzo(a)anthracene
Concen: 5.205 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

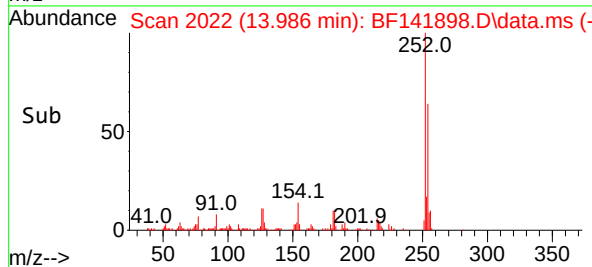
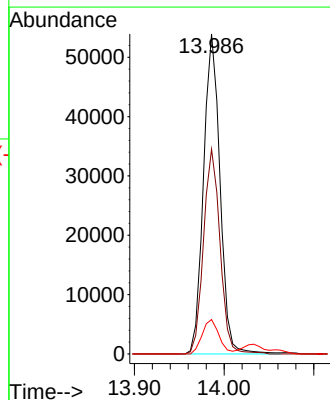
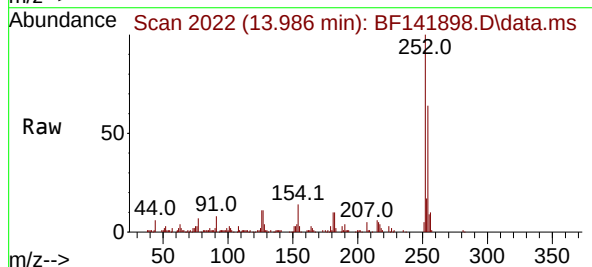
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

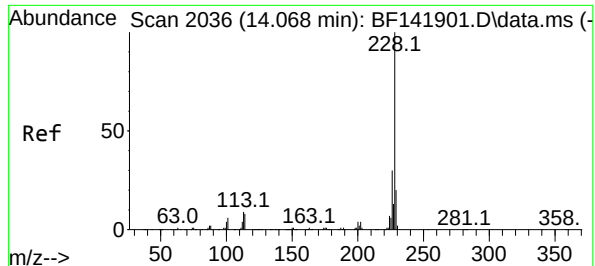
Tgt Ion:228 Resp: 255308
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.6 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 4.865 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion:252 Resp: 68969
Ion Ratio Lower Upper
252 100
254 64.0 51.0 76.6
126 10.7 8.4 12.6

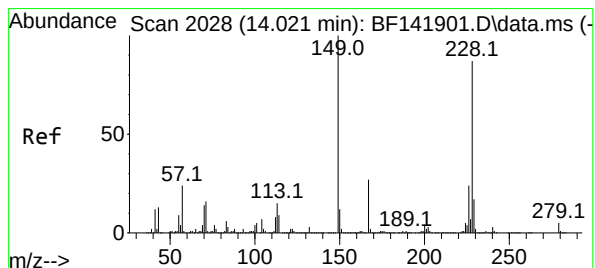
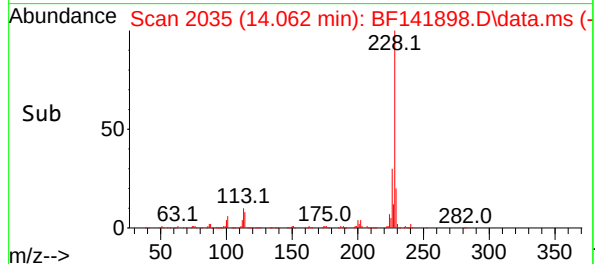
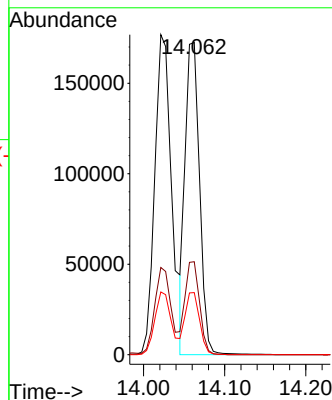
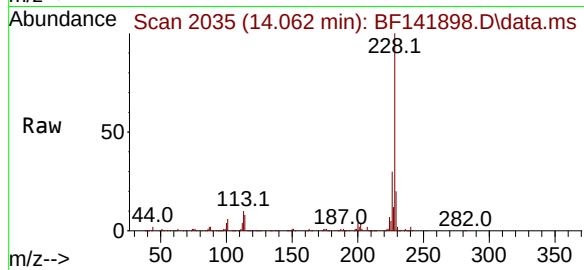




#83
Chrysene
Concen: 4.837 ng
RT: 14.062 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

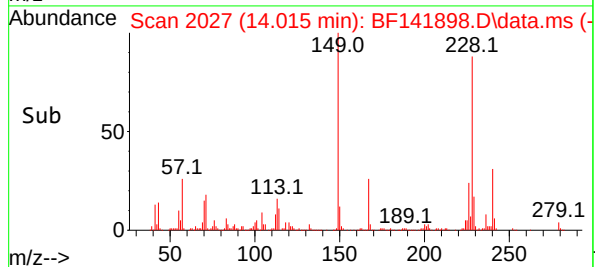
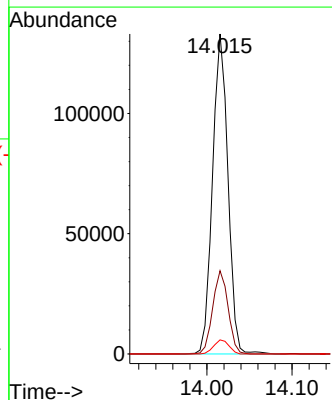
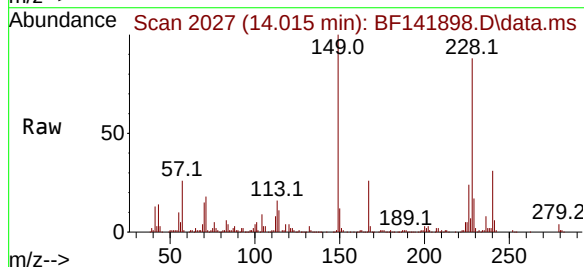
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

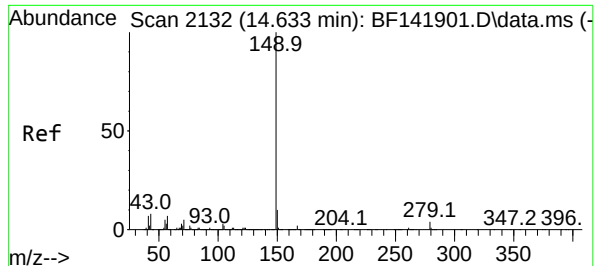
Tgt Ion:228 Resp: 213144
Ion Ratio Lower Upper
228 100
226 29.8 24.1 36.1
229 19.9 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 4.836 ng
RT: 14.015 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion:149 Resp: 167165
Ion Ratio Lower Upper
149 100
167 26.0 21.4 32.0
279 4.4 3.8 5.6

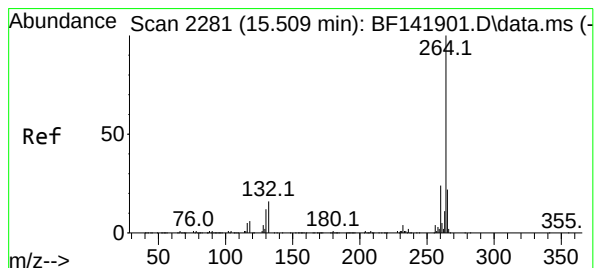
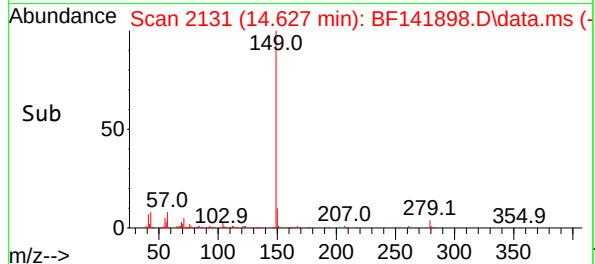
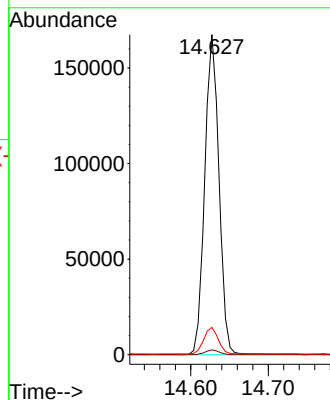
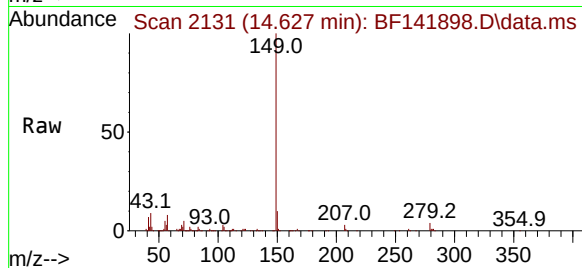




#85
Di-n-octyl phthalate
Concen: 4.435 ng
RT: 14.627 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

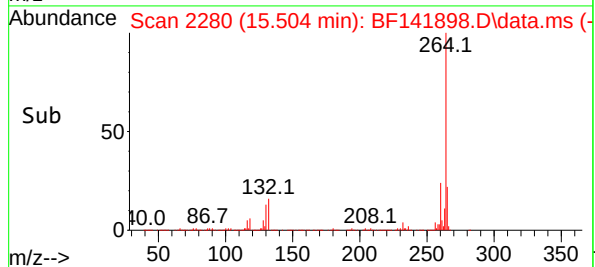
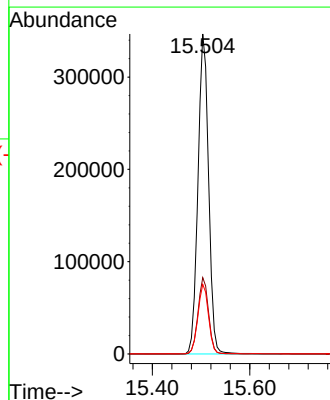
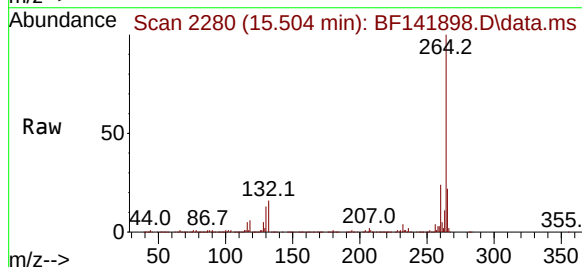
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

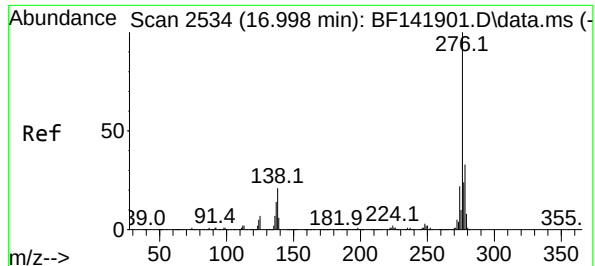
Tgt Ion:149 Resp: 213395
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 8.4 6.9 10.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2280
Delta R.T. -0.006 min
Lab File: BF141898.D
Acq: 10 Mar 2025 11:30

Tgt Ion:264 Resp: 527129
Ion Ratio Lower Upper
264 100
260 23.9 19.1 28.7
265 21.7 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.228 ng

RT: 16.980 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF141898.D

Acq: 10 Mar 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

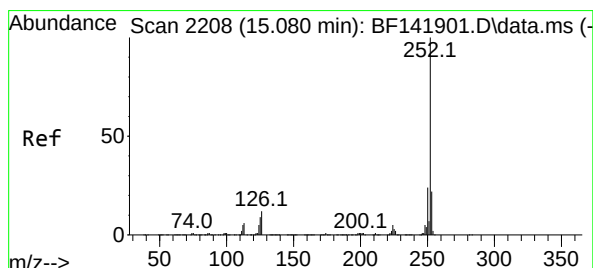
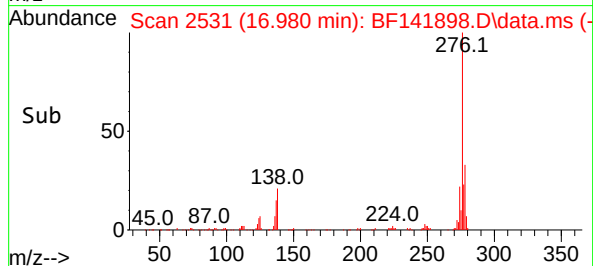
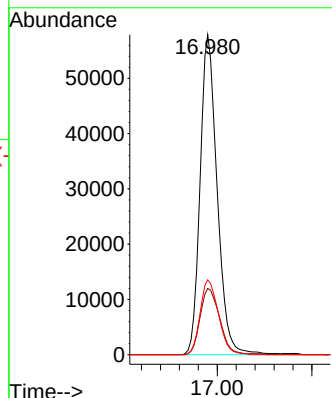
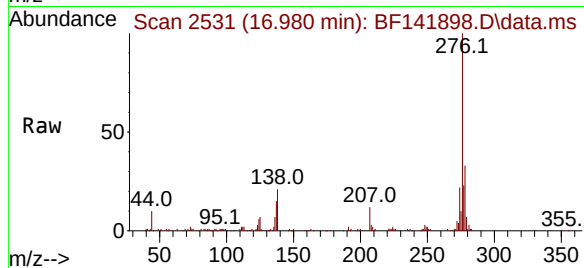
Tgt Ion:276 Resp: 144536

Ion Ratio Lower Upper

276 100

138 23.7 18.4 27.6

277 25.1 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 5.234 ng

RT: 15.068 min Scan# 2206

Delta R.T. -0.012 min

Lab File: BF141898.D

Acq: 10 Mar 2025 11:30

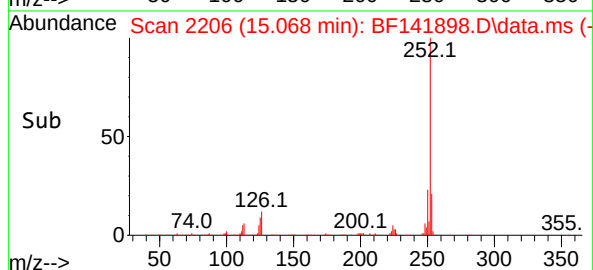
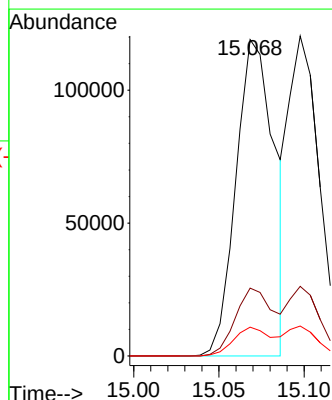
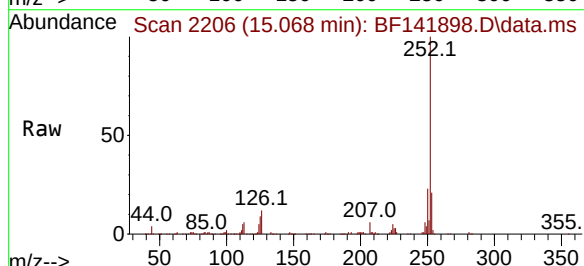
Tgt Ion:252 Resp: 187154

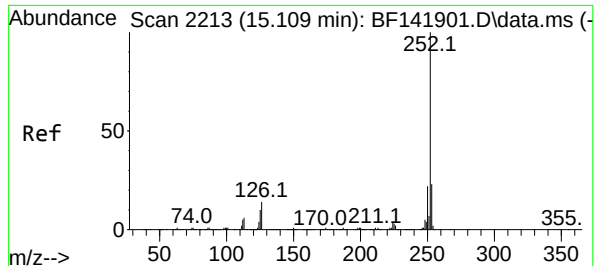
Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

125 9.1 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 4.903 ng

RT: 15.098 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF141898.D

Acq: 10 Mar 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

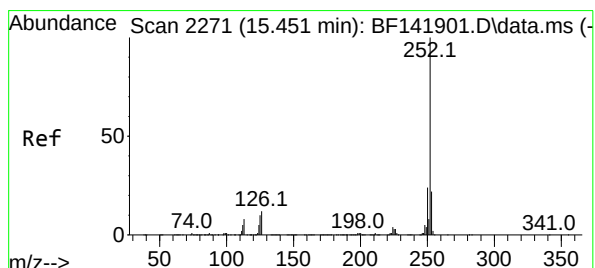
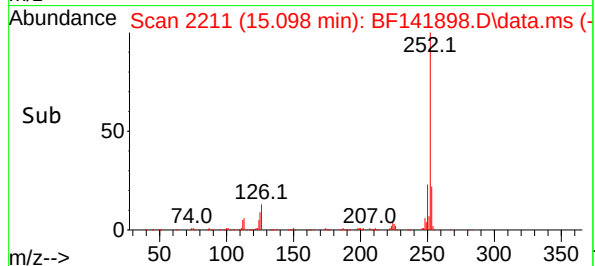
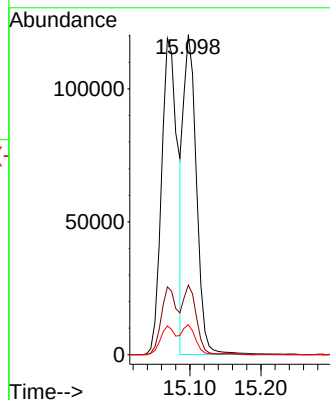
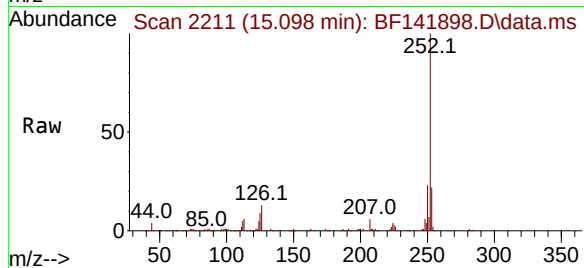
Tgt Ion:252 Resp: 153142

Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 9.4 7.2 10.8



#90

Benzo(a)pyrene

Concen: 4.860 ng

RT: 15.439 min Scan# 2269

Delta R.T. -0.012 min

Lab File: BF141898.D

Acq: 10 Mar 2025 11:30

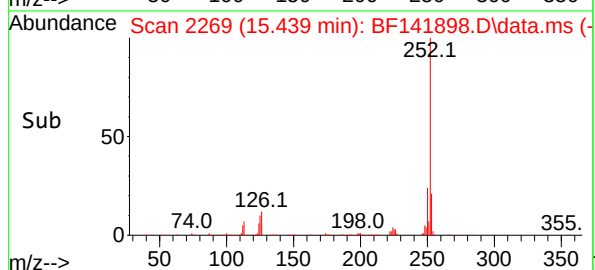
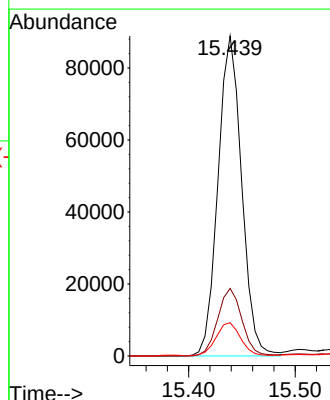
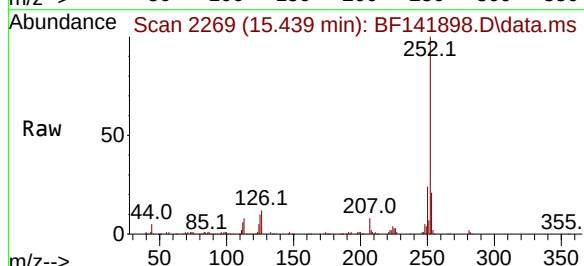
Tgt Ion:252 Resp: 137043

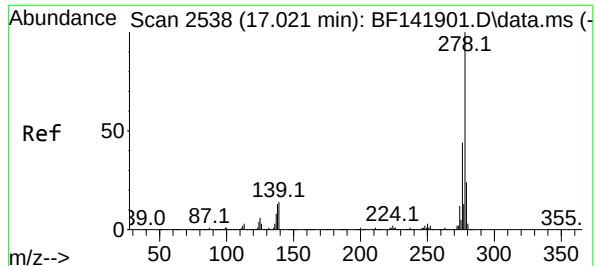
Ion Ratio Lower Upper

252 100

253 21.1 17.4 26.0

125 10.4 7.8 11.8





#91

Dibenzo(a,h)anthracene

Concen: 4.252 ng

RT: 16.998 min Scan# 21

Delta R.T. -0.024 min

Lab File: BF141898.D

Acq: 10 Mar 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

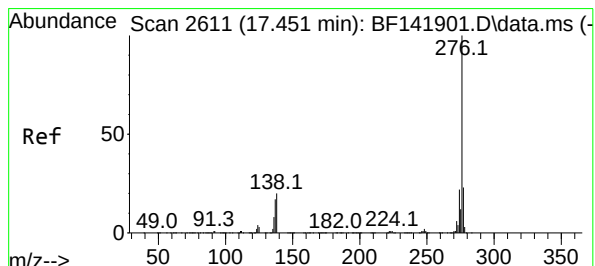
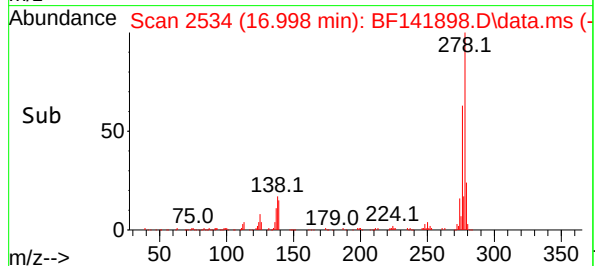
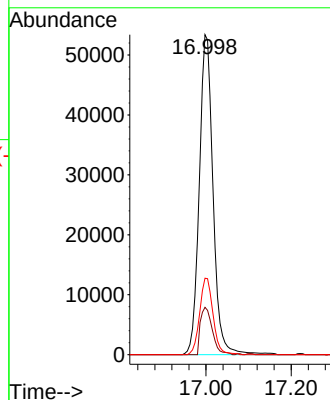
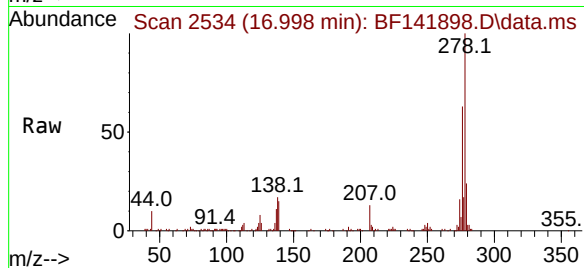
Tgt Ion:278 Resp: 119937

Ion Ratio Lower Upper

278 100

139 14.8 11.4 17.2

279 23.9 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 4.294 ng

RT: 17.427 min Scan# 2607

Delta R.T. -0.024 min

Lab File: BF141898.D

Acq: 10 Mar 2025 11:30

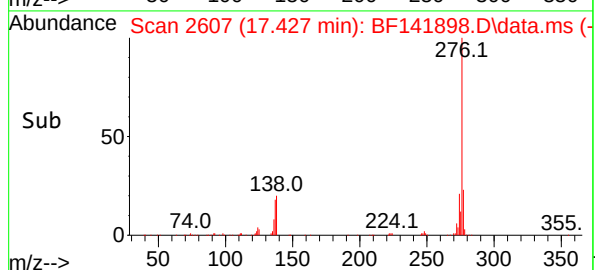
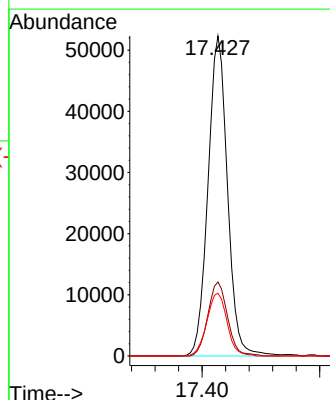
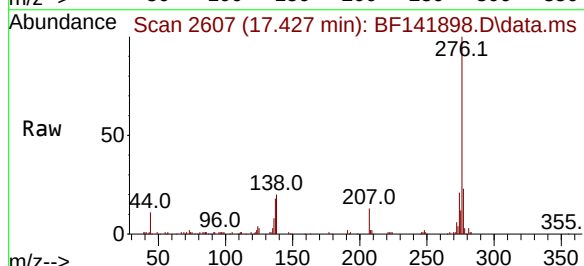
Tgt Ion:276 Resp: 120142

Ion Ratio Lower Upper

276 100

277 23.1 18.7 28.1

138 19.6 15.8 23.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
 Data File : BF141899.D
 Acq On : 10 Mar 2025 12:00
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Quant Time: Mar 10 15:33:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:01:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	224499	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	921725	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	541295	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	966771	20.000	ng	0.00
76) Chrysene-d12	14.039	240	703100	20.000	ng	0.00
86) Perylene-d12	15.510	264	510790	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	279139	20.746	ng	0.00
7) Phenol-d6	6.493	99	357672	20.872	ng	-0.01
23) Nitrobenzene-d5	7.434	82	328098	19.951	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	127785	18.630	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	746589	21.003	ng	0.00
79) Terphenyl-d14	12.980	244	920159	19.345	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	54068	9.588	ng	98
3) Pyridine	3.440	79	135148	9.752	ng	99
4) n-Nitrosodimethylamine	3.369	42	62411	9.474	ng	# 98
6) Aniline	6.540	93	179854	10.631	ng	99
8) 2-Chlorophenol	6.657	128	151998	10.192	ng	97
9) Benzaldehyde	6.428	77	114586	11.963	ng	99
10) Phenol	6.504	94	187967	10.396	ng	98
11) bis(2-Chloroethyl)ether	6.610	93	139813	10.321	ng	99
12) 1,3-Dichlorobenzene	6.822	146	167192	10.374	ng	98
13) 1,4-Dichlorobenzene	6.898	146	168717	10.347	ng	98
14) 1,2-Dichlorobenzene	7.051	146	159032	10.357	ng	98
15) Benzyl Alcohol	7.010	79	140530	10.132	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	171225	10.487	ng	98
17) 2-Methylphenol	7.116	107	117869	9.945	ng	99
18) Hexachloroethane	7.392	117	61809	10.111	ng	100
19) n-Nitroso-di-n-propyla...	7.281	70	112281	10.194	ng	97
20) 3+4-Methylphenols	7.269	107	156526	10.296	ng	92
22) Acetophenone	7.281	105	227350	10.282	ng	99
24) Nitrobenzene	7.457	77	161777	9.922	ng	99
25) Isophorone	7.692	82	285760	9.842	ng	99
26) 2-Nitrophenol	7.775	139	73301	9.174	ng	98
27) 2,4-Dimethylphenol	7.804	122	107669	9.784	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	187307	10.298	ng	98
29) 2,4-Dichlorophenol	8.010	162	135772	9.941	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	149790	9.941	ng	99
31) Naphthalene	8.181	128	495470	10.493	ng	99
32) Benzoic acid	7.869	122	68640	7.136	ng	98
33) 4-Chloroaniline	8.228	127	173977	10.441	ng	98
34) Hexachlorobutadiene	8.298	225	97298	9.931	ng	98
35) Caprolactam	8.563	113	41208	9.922	ng	97
36) 4-Chloro-3-methylphenol	8.698	107	152340	10.029	ng	96
37) 2-Methylnaphthalene	8.869	142	326733	10.313	ng	99
38) 1-Methylnaphthalene	8.969	142	318324	10.376	ng	98
40) 1,2,4,5-Tetrachloroben...	9.034	216	163481	9.905	ng	99
41) Hexachlorocyclopentadiene	9.022	237	59769	9.177	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	105191	9.777	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
 Data File : BF141899.D
 Acq On : 10 Mar 2025 12:00
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Quant Time: Mar 10 15:33:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:01:52 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	105943	9.692	ng	99
46) 1,1'-Biphenyl	9.334	154	425640	10.372	ng	98
47) 2-Chloronaphthalene	9.357	162	308729	10.094	ng	98
48) 2-Nitroaniline	9.451	65	84854	9.658	ng	98
49) Acenaphthylene	9.775	152	470801	10.383	ng	99
50) Dimethylphthalate	9.628	163	382722	10.176	ng	100
51) 2,6-Dinitrotoluene	9.692	165	75577	9.663	ng	97
52) Acenaphthene	9.945	154	323406	10.101	ng	100
53) 3-Nitroaniline	9.857	138	79944	9.955	ng	96
54) 2,4-Dinitrophenol	9.963	184	23121	11.386	ng #	71
55) Dibenzofuran	10.116	168	483596	10.593	ng	98
56) 4-Nitrophenol	10.004	139	58549	9.706	ng	98
57) 2,4-Dinitrotoluene	10.092	165	103313	10.035	ng	98
58) Fluorene	10.463	166	368370	10.452	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	98725	9.954	ng	99
60) Diethylphthalate	10.328	149	398003	10.542	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	186237	10.145	ng	99
62) 4-Nitroaniline	10.463	138	78048	10.030	ng	97
63) Azobenzene	10.610	77	368982	10.521	ng	99
65) 4,6-Dinitro-2-methylph...	10.498	198	40348	7.040	ng	99
66) n-Nitrosodiphenylamine	10.569	169	314758	10.078	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	120534	10.011	ng	97
68) Hexachlorobenzene	11.010	284	129242	9.712	ng	98
69) Atrazine	11.092	200	102822	13.502	ng	99
70) Pentachlorophenol	11.198	266	73112	8.909	ng	99
71) Phenanthrene	11.422	178	556546	10.646	ng	98
72) Anthracene	11.475	178	550767	10.501	ng	100
73) Carbazole	11.628	167	480520	10.641	ng	99
74) Di-n-butylphthalate	11.957	149	638429	10.708	ng	99
75) Fluoranthene	12.610	202	592806	10.801	ng	99
77) Benzidine	12.733	184	108761	10.946	ng	99
78) Pyrene	12.839	202	580442	9.626	ng	99
80) Butylbenzylphthalate	13.457	149	230714	9.710	ng	98
81) Benzo(a)anthracene	14.027	228	458422	9.911	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	136843	10.236	ng	99
83) Chrysene	14.063	228	419687	10.100	ng	99
84) Bis(2-ethylhexyl)phtha...	14.016	149	320536	9.833	ng	99
85) Di-n-octyl phthalate	14.627	149	428377	9.442	ng	100
87) Indeno(1,2,3-cd)pyrene	16.986	276	291723	8.807	ng	99
88) Benzo(b)fluoranthene	15.074	252	334664	9.659	ng	99
89) Benzo(k)fluoranthene	15.104	252	323772	10.698	ng	99
90) Benzo(a)pyrene	15.439	252	266149	9.740	ng	99
91) Dibenzo(a,h)anthracene	17.004	278	243443	8.907	ng	98
92) Benzo(g,h,i)perylene	17.433	276	242380	8.941	ng	99

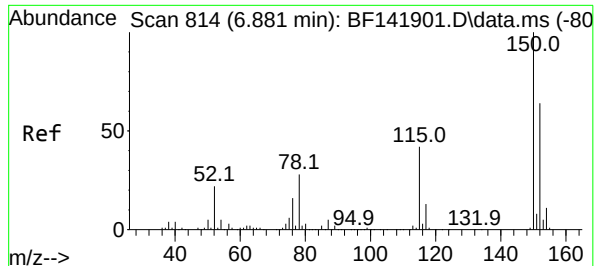
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Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Abundance

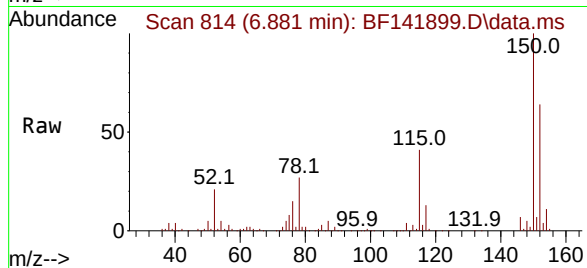
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Time-->

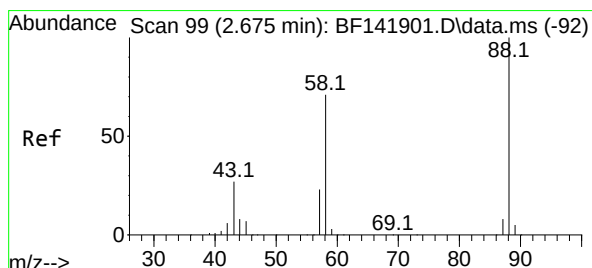
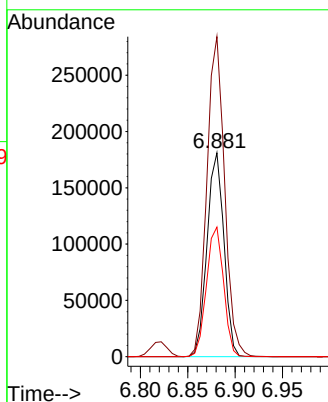
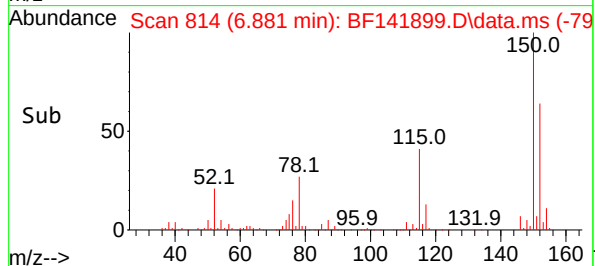


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

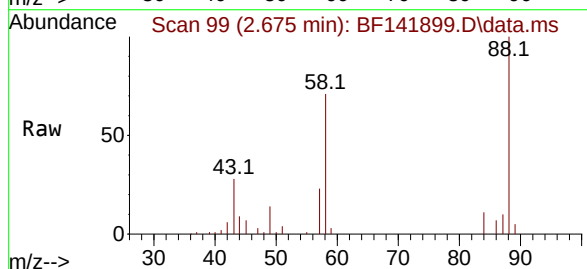
Instrument :
BNA_F
ClientSampleId :
SSTDIC010



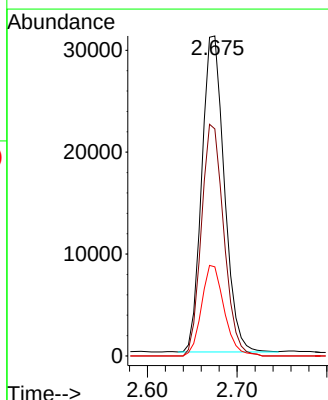
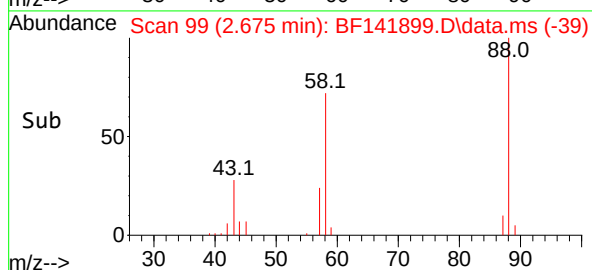
Tgt Ion:152 Resp: 224499
Ion Ratio Lower Upper
152 100
150 157.0 127.4 191.2
115 63.6 51.9 77.9

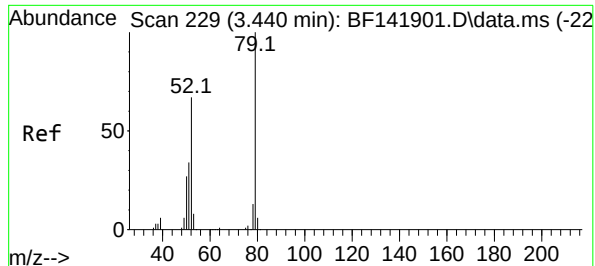


#2
1,4-Dioxane
Concen: 9.588 ng
RT: 2.675 min Scan# 99
Delta R.T. 0.000 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00



Tgt Ion: 88 Resp: 54068
Ion Ratio Lower Upper
88 100
58 72.9 57.4 86.2
43 28.8 21.5 32.3





#3

Pyridine

Concen: 9.752 ng

RT: 3.440 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF141899.D

Acq: 10 Mar 2025 12:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

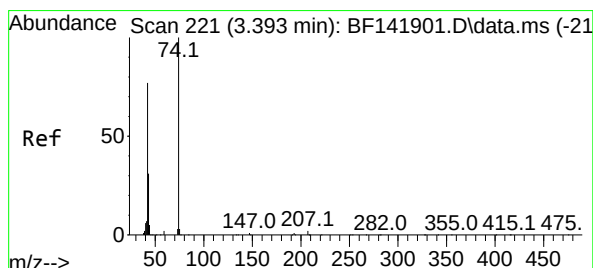
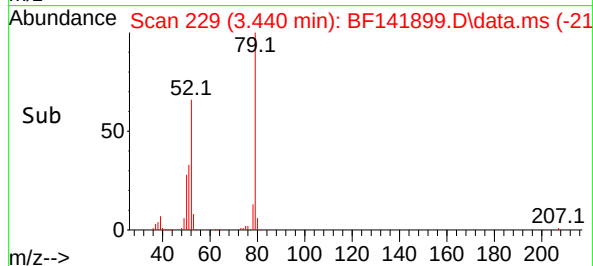
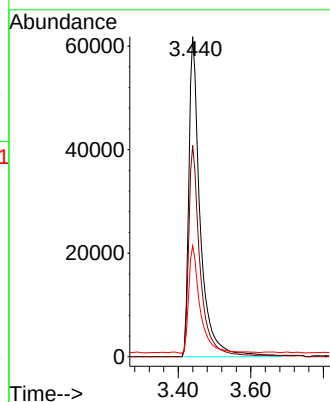
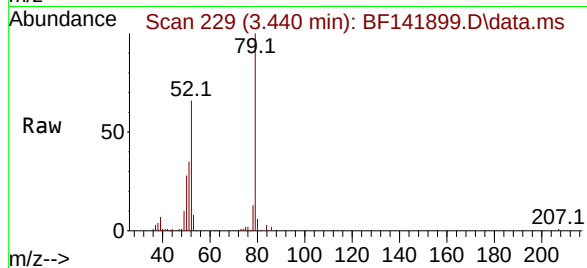
Tgt Ion: 79 Resp: 135148

Ion Ratio Lower Upper

79 100

52 66.0 53.3 79.9

51 34.7 27.6 41.4



#4

n-Nitrosodimethylamine

Concen: 9.474 ng

RT: 3.369 min Scan# 217

Delta R.T. -0.023 min

Lab File: BF141899.D

Acq: 10 Mar 2025 12:00

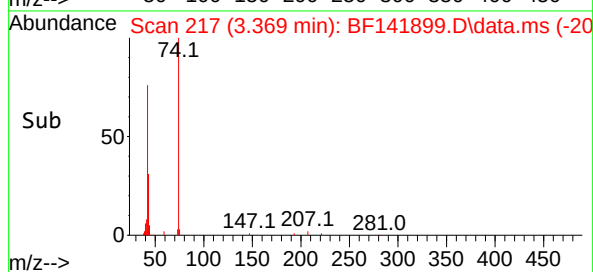
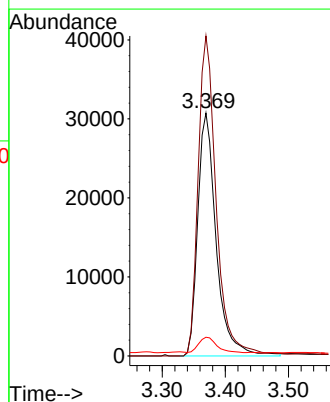
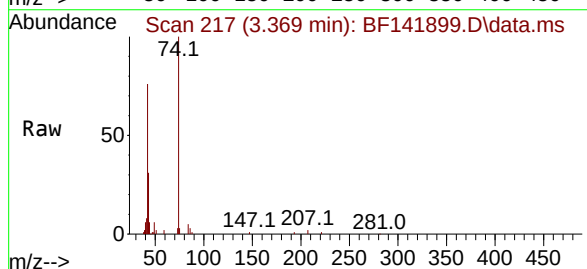
Tgt Ion: 42 Resp: 62411

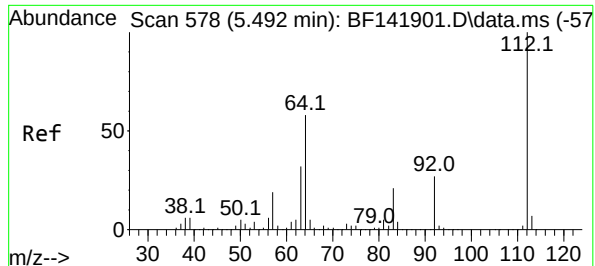
Ion Ratio Lower Upper

42 100

74 131.7 103.4 155.0

44 7.7 5.0 7.4#

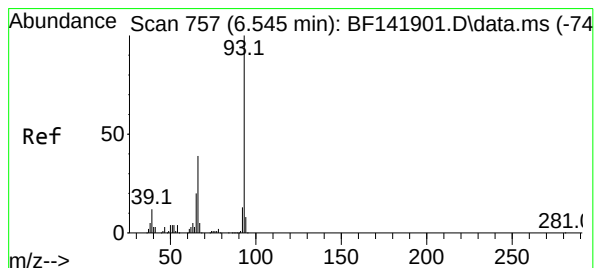
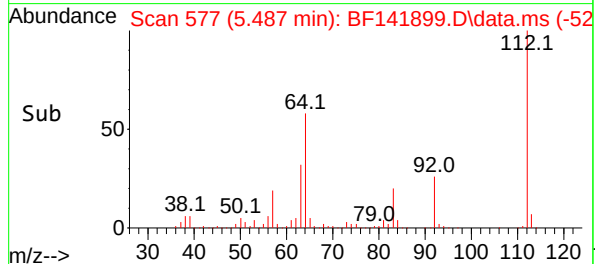
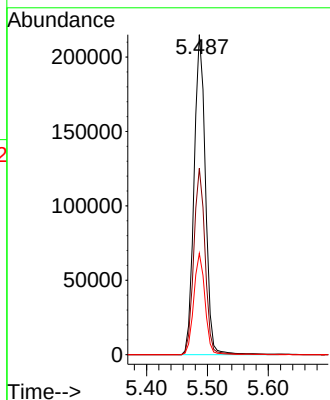
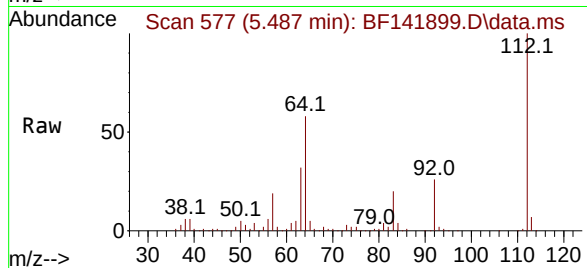




#5
2-Fluorophenol
Concen: 20.746 ng
RT: 5.487 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

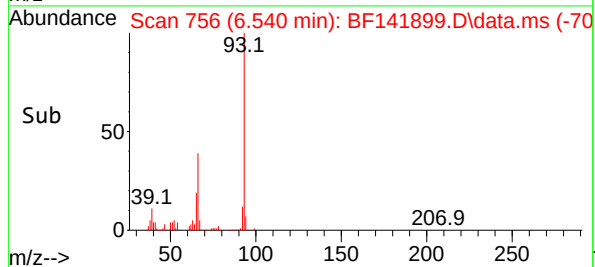
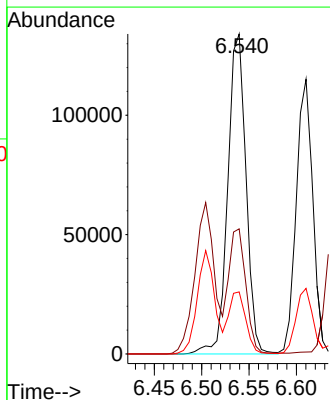
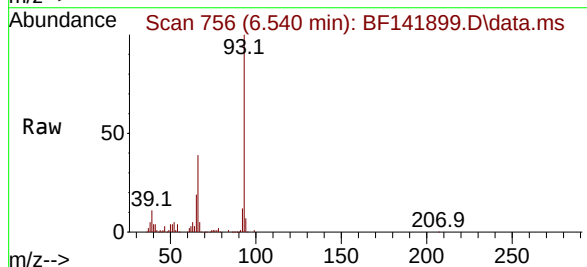
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

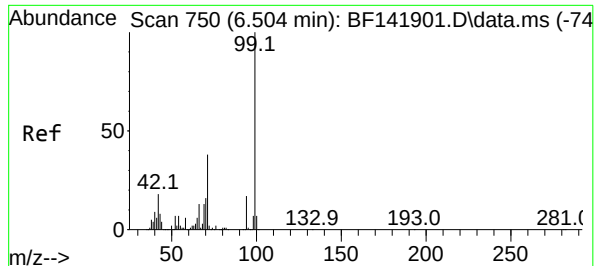
Tgt Ion:112 Resp: 279139
Ion Ratio Lower Upper
112 100
64 58.3 46.5 69.7
63 31.6 25.4 38.2



#6
Aniline
Concen: 10.631 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion: 93 Resp: 179854
Ion Ratio Lower Upper
93 100
66 39.1 31.9 47.9
65 19.4 15.8 23.6

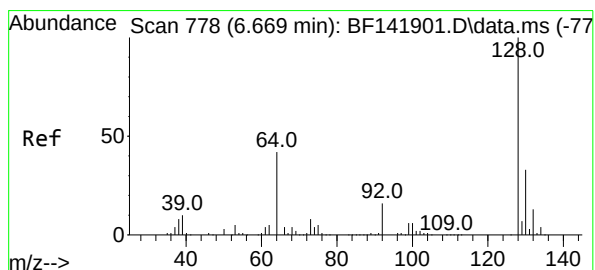
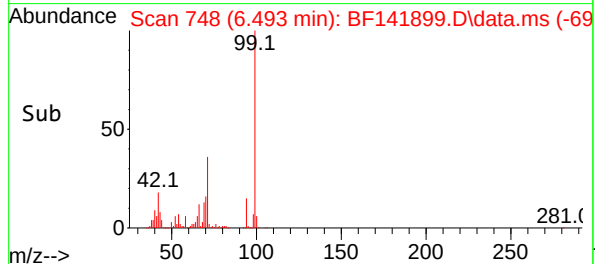
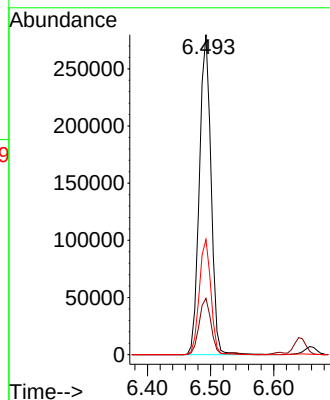
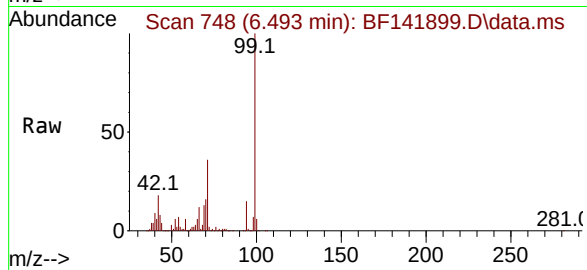




#7
Phenol-d6
Concen: 20.872 ng
RT: 6.493 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

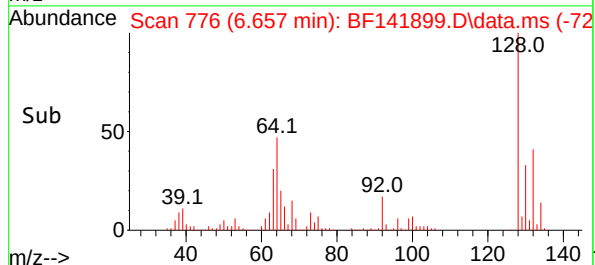
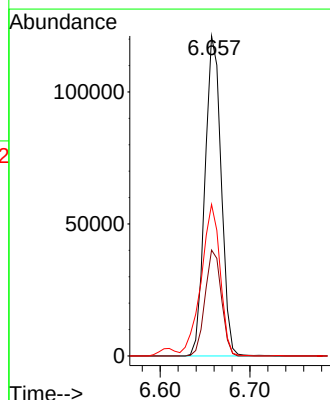
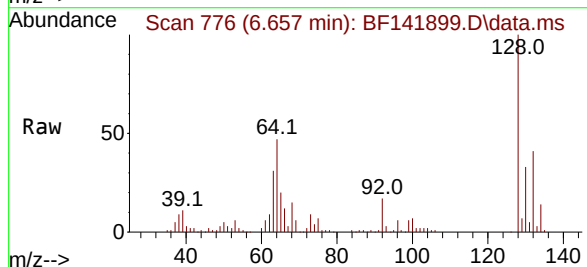
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

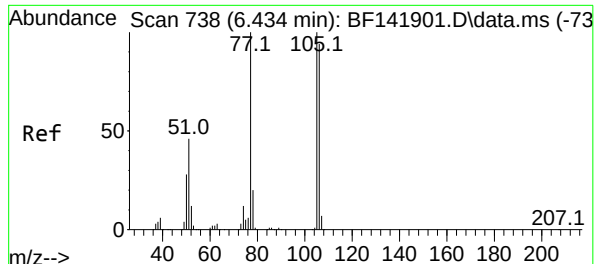
Tgt Ion: 99 Resp: 357672
Ion Ratio Lower Upper
99 100
42 17.6 14.6 21.8
71 36.0 30.8 46.2



#8
2-Chlorophenol
Concen: 10.192 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.012 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion: 128 Resp: 151998
Ion Ratio Lower Upper
128 100
130 33.1 12.8 52.8
64 47.3 24.4 64.4





#9

Benzaldehyde

Concen: 11.963 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF141899.D

Acq: 10 Mar 2025 12:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

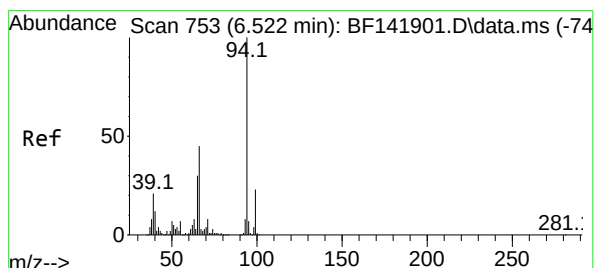
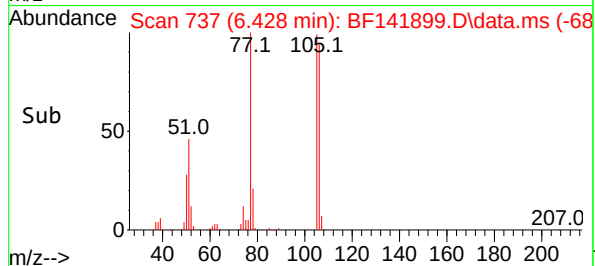
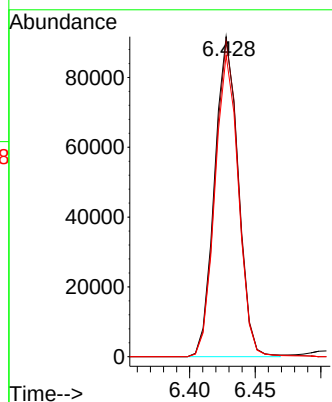
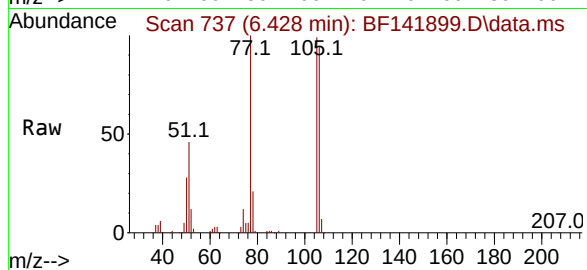
Tgt Ion: 77 Resp: 114586

Ion Ratio Lower Upper

77 100

105 98.6 80.0 120.0

106 94.3 74.5 114.5



#10

Phenol

Concen: 10.396 ng

RT: 6.504 min Scan# 750

Delta R.T. -0.017 min

Lab File: BF141899.D

Acq: 10 Mar 2025 12:00

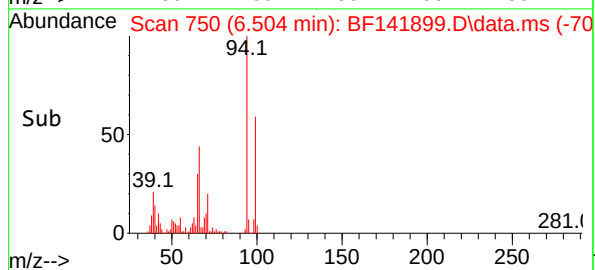
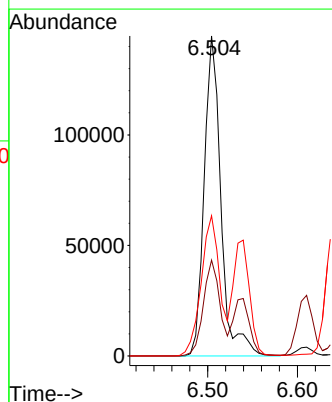
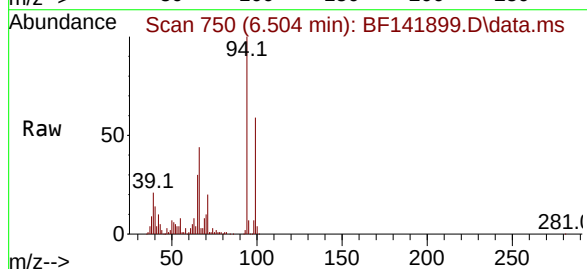
Tgt Ion: 94 Resp: 187967

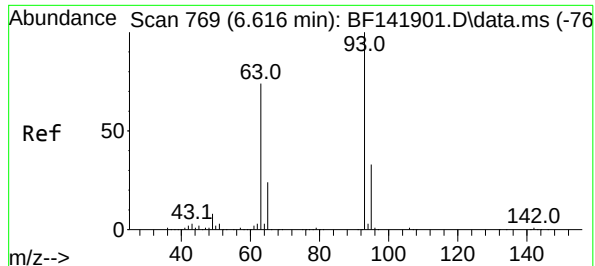
Ion Ratio Lower Upper

94 100

65 29.9 10.5 50.5

66 43.8 25.8 65.8





#11

bis(2-Chloroethyl)ether

Concen: 10.321 ng

RT: 6.610 min Scan# 769

Delta R.T. -0.006 min

Lab File: BF141899.D

Acq: 10 Mar 2025 12:00

Instrument :

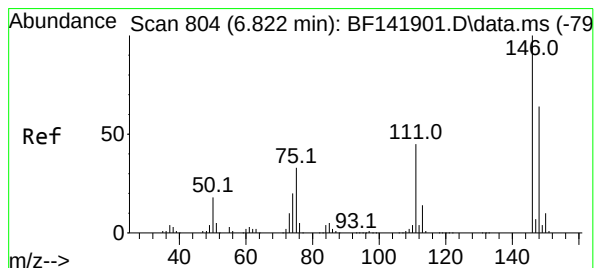
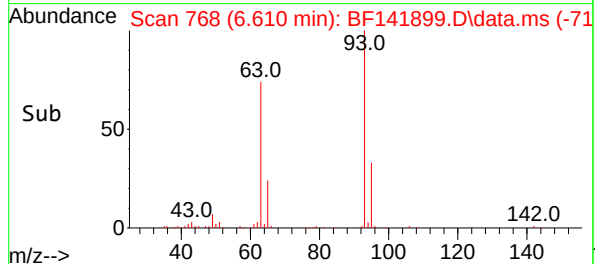
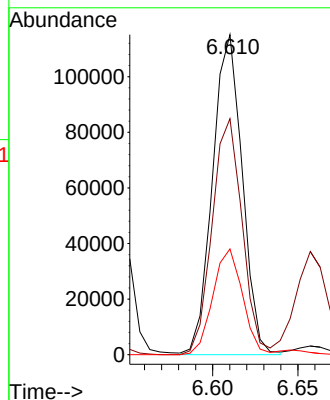
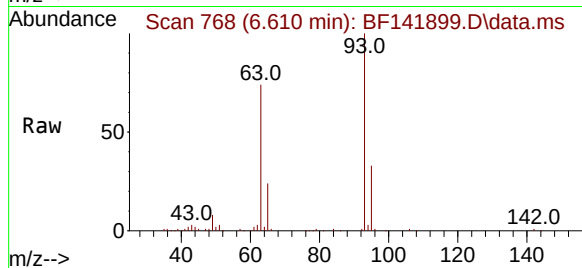
BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 93 Resp: 139813

Ion	Ratio	Lower	Upper
93	100		
63	73.7	53.0	93.0
95	33.0	12.9	52.9



#12

1,3-Dichlorobenzene

Concen: 10.374 ng

RT: 6.822 min Scan# 804

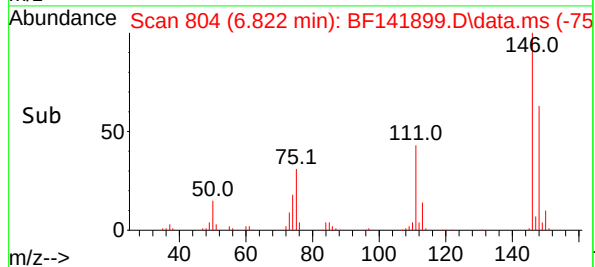
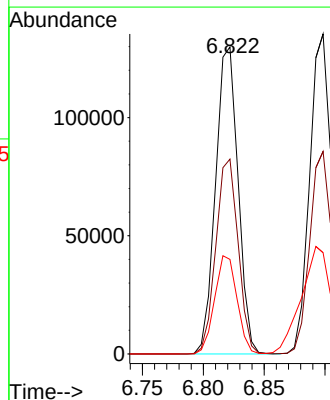
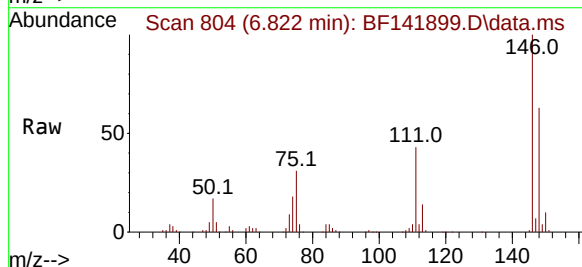
Delta R.T. 0.000 min

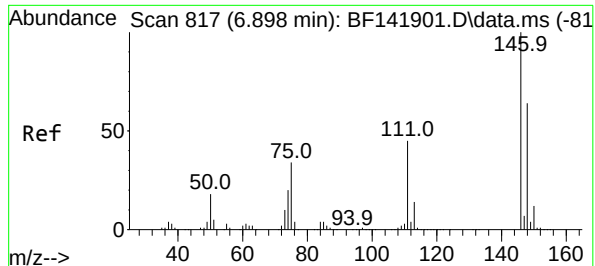
Lab File: BF141899.D

Acq: 10 Mar 2025 12:00

Tgt Ion: 146 Resp: 167192

Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.3	76.9
75	30.8	26.6	40.0





#13

1,4-Dichlorobenzene

Concen: 10.347 ng

RT: 6.898 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF141899.D

Acq: 10 Mar 2025 12:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

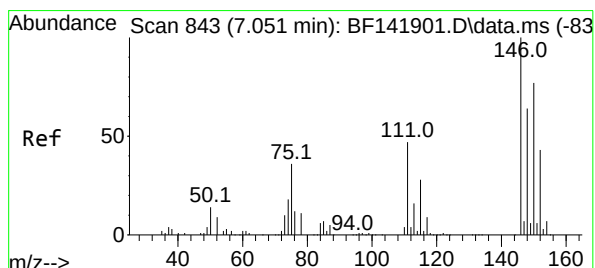
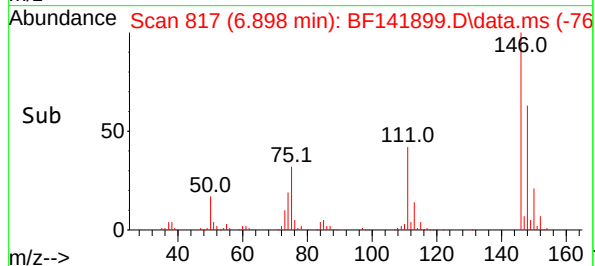
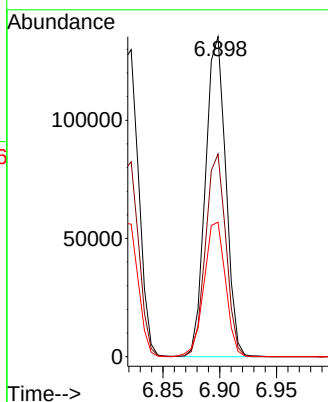
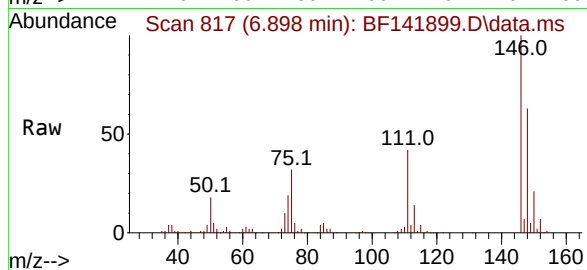
Tgt Ion:146 Resp: 168717

Ion Ratio Lower Upper

146 100

148 63.3 51.0 76.6

111 42.1 35.7 53.5



#14

1,2-Dichlorobenzene

Concen: 10.357 ng

RT: 7.051 min Scan# 843

Delta R.T. 0.000 min

Lab File: BF141899.D

Acq: 10 Mar 2025 12:00

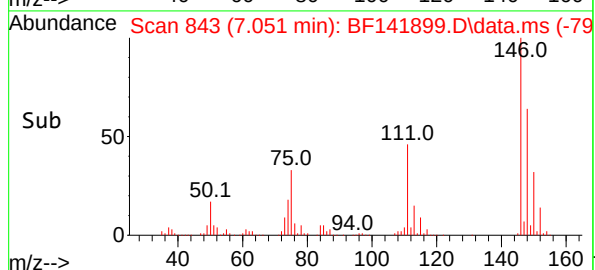
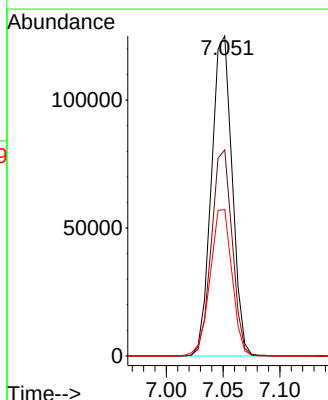
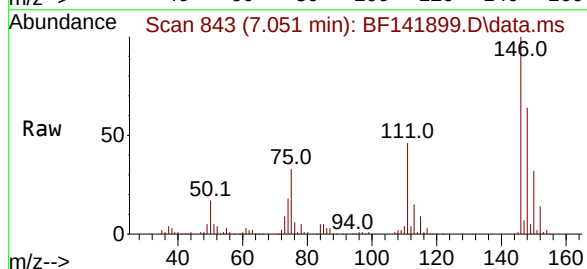
Tgt Ion:146 Resp: 159032

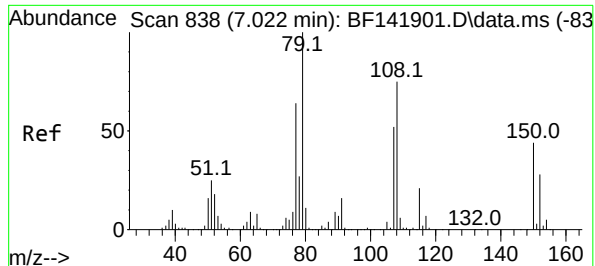
Ion Ratio Lower Upper

146 100

148 64.4 50.8 76.2

111 45.8 38.0 57.0





#15

Benzyl Alcohol

Concen: 10.132 ng

RT: 7.010 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF141899.D

Acq: 10 Mar 2025 12:00

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

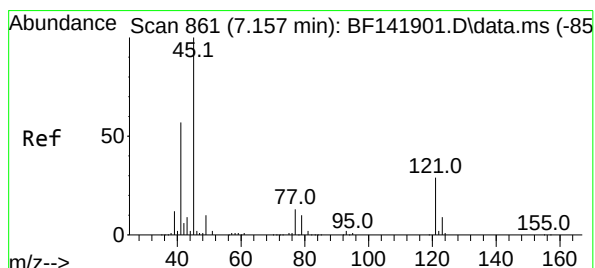
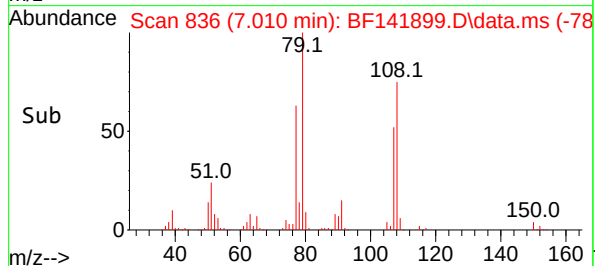
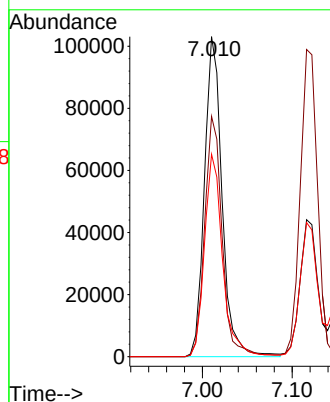
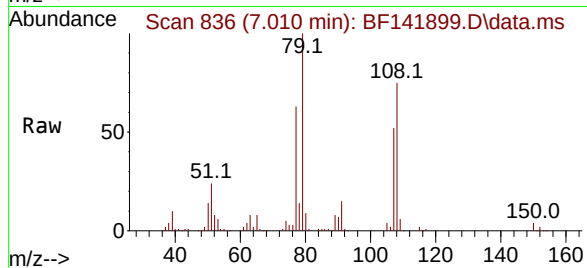
Tgt Ion: 79 Resp: 140530

Ion Ratio Lower Upper

79 100

108 75.1 59.7 89.5

77 63.3 51.0 76.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 10.487 ng

RT: 7.151 min Scan# 860

Delta R.T. -0.006 min

Lab File: BF141899.D

Acq: 10 Mar 2025 12:00

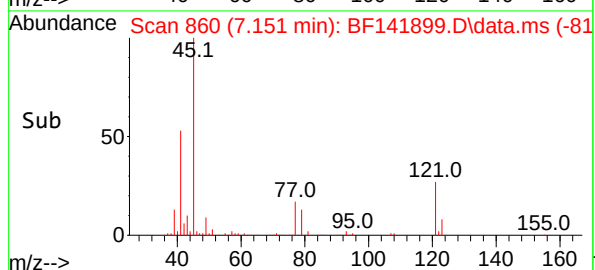
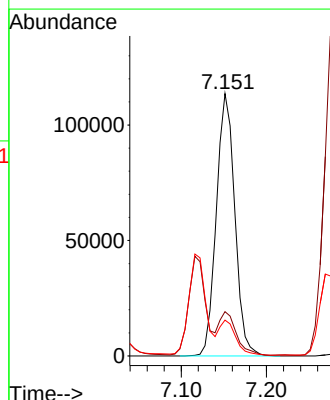
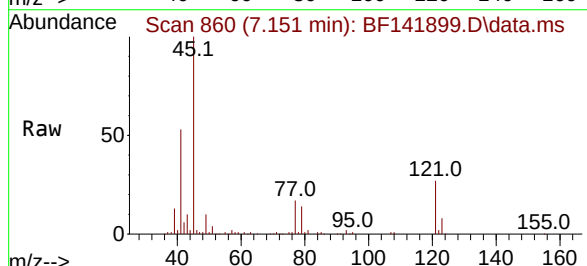
Tgt Ion: 45 Resp: 171225

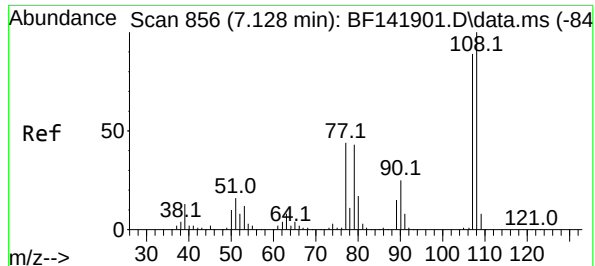
Ion Ratio Lower Upper

45 100

77 16.9 0.0 37.8

79 13.7 0.0 34.2

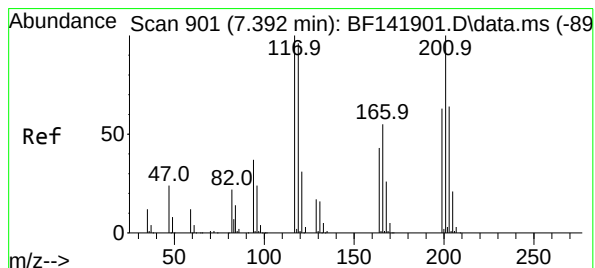
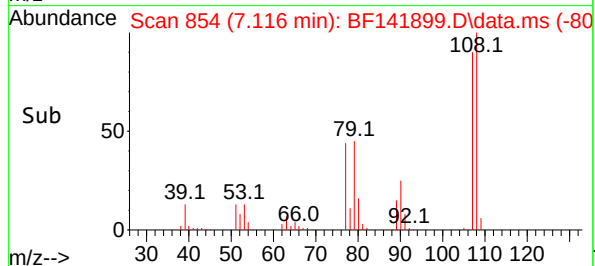
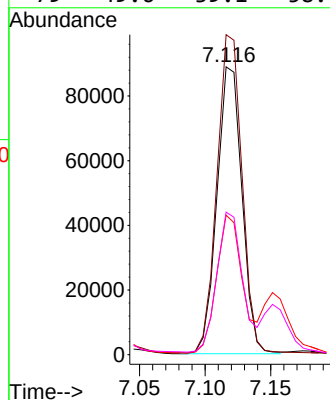
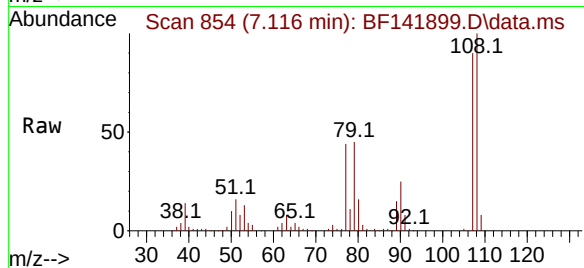




#17
2-Methylphenol
Concen: 9.945 ng
RT: 7.116 min Scan# 856
Delta R.T. -0.012 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

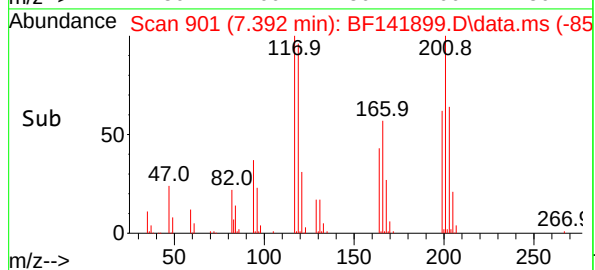
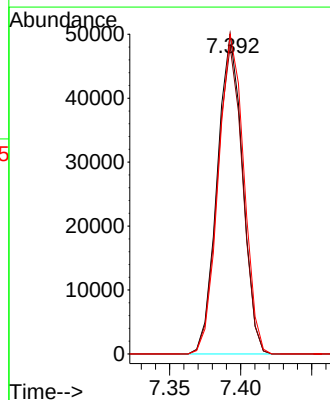
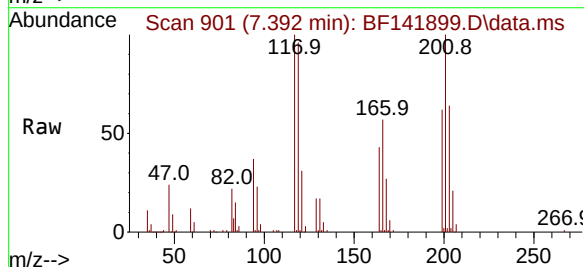
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

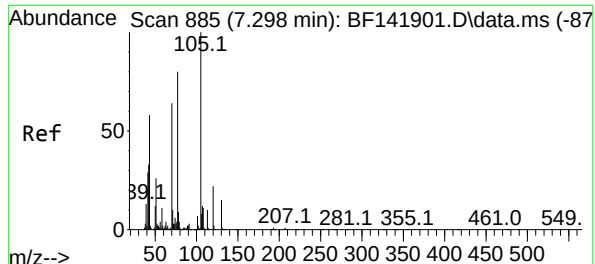
Tgt Ion:107 Resp: 117869
Ion Ratio Lower Upper
107 100
108 111.2 90.2 135.2
77 48.5 39.6 59.4
79 49.6 39.1 58.7



#18
Hexachloroethane
Concen: 10.111 ng
RT: 7.392 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:117 Resp: 61809
Ion Ratio Lower Upper
117 100
119 96.1 76.9 115.3
201 99.9 79.9 119.9





#19

n-Nitroso-di-n-propylamine

Concen: 10.194 ng

RT: 7.281 min Scan# 81

Delta R.T. -0.018 min

Lab File: BF141899.D

Acq: 10 Mar 2025 12:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 70 Resp: 112281

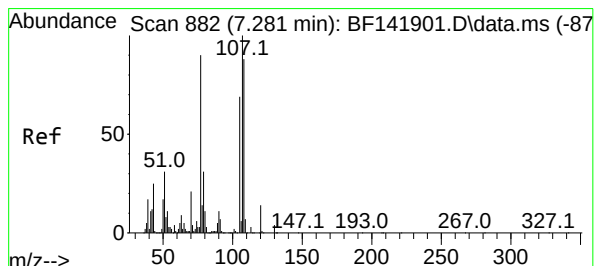
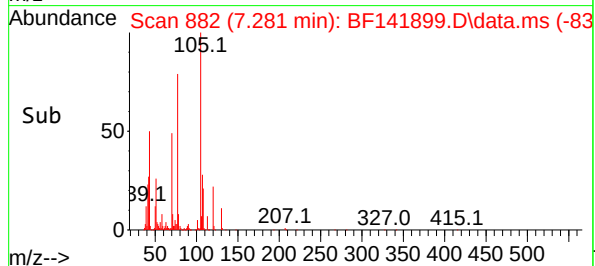
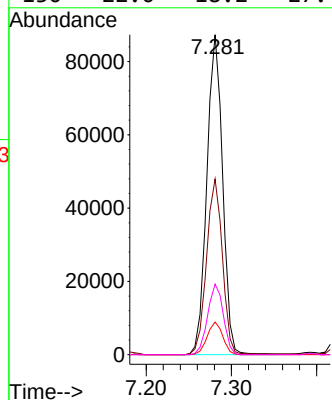
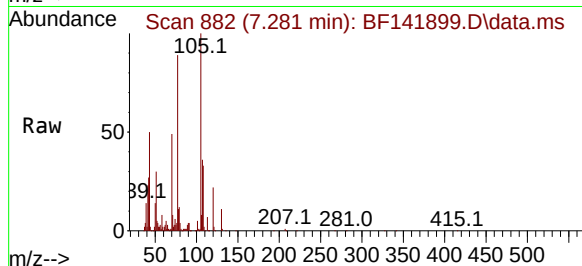
Ion Ratio Lower Upper

70 100

42 54.9 41.4 62.0

101 10.2 8.2 12.2

130 22.0 18.2 27.4



#20

3+4-Methylphenols

Concen: 10.296 ng

RT: 7.269 min Scan# 880

Delta R.T. -0.012 min

Lab File: BF141899.D

Acq: 10 Mar 2025 12:00

Tgt Ion:107 Resp: 156526

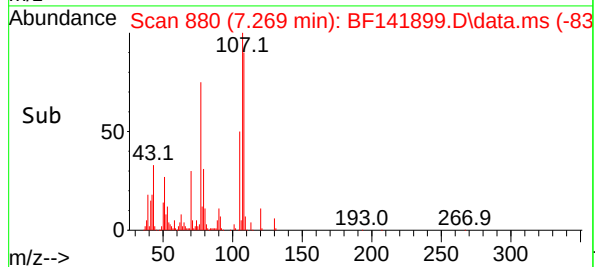
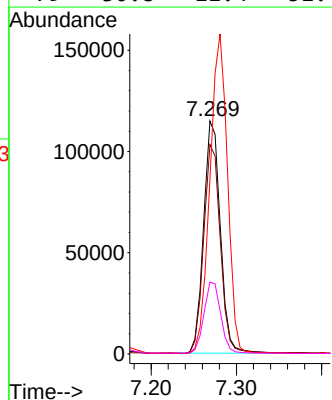
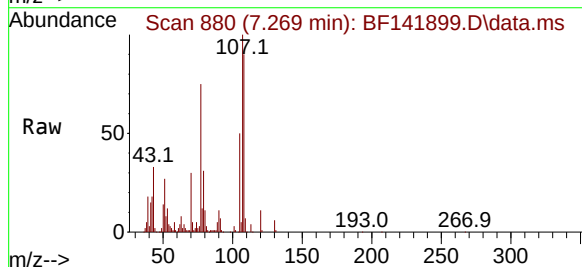
Ion Ratio Lower Upper

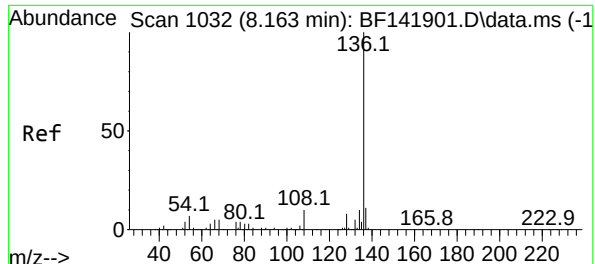
107 100

108 89.9 68.4 108.4

77 75.0 69.7 109.7

79 30.8 11.4 51.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1032

Delta R.T. 0.000 min

Lab File: BF141899.D

Acq: 10 Mar 2025 12:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:136 Resp: 921725

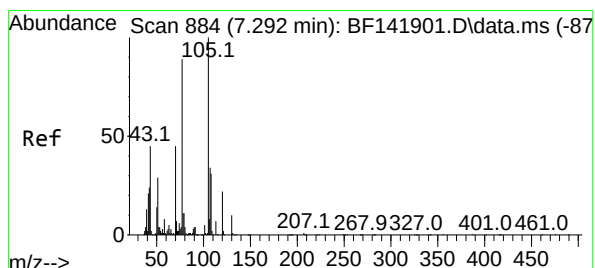
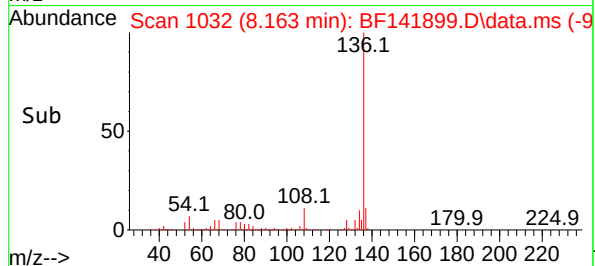
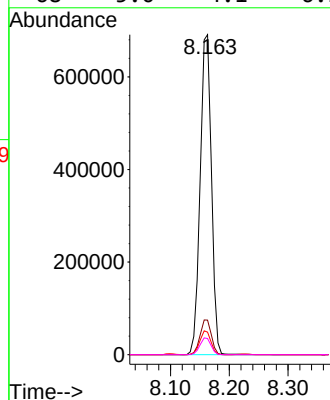
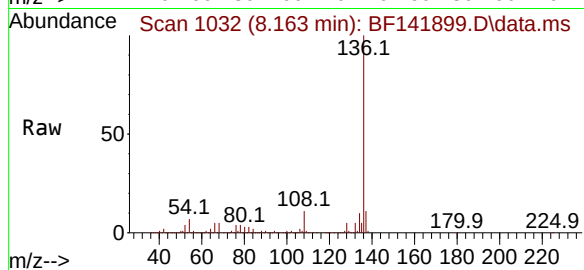
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 7.0 5.8 8.8

68 5.0 4.1 6.1



#22

Acetophenone

Concen: 10.282 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.012 min

Lab File: BF141899.D

Acq: 10 Mar 2025 12:00

Tgt Ion:105 Resp: 227350

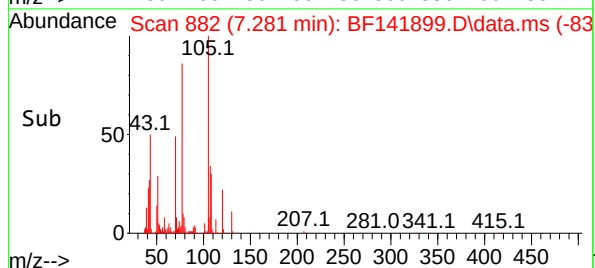
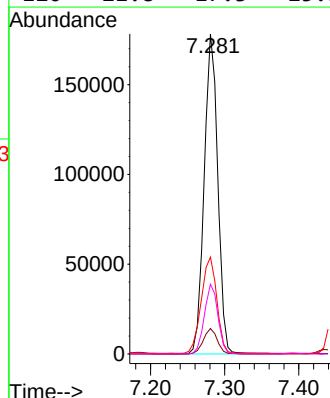
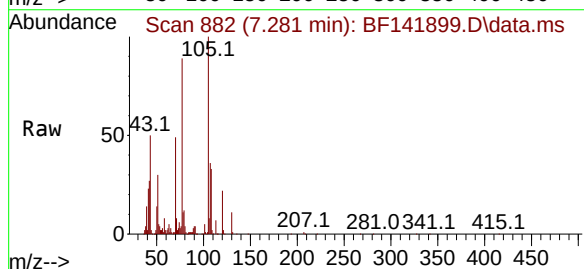
Ion Ratio Lower Upper

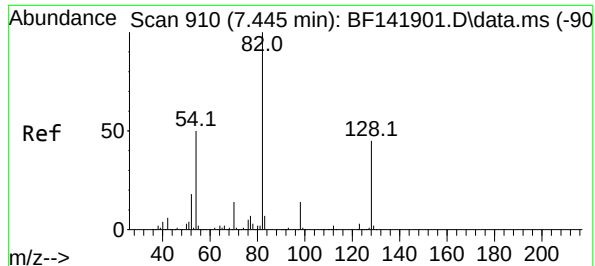
105 100

71 8.0 5.8 8.8

51 30.3 23.4 35.0

120 21.8 17.3 25.9





#23

Nitrobenzene-d5

Concen: 19.951 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF141899.D

Acq: 10 Mar 2025 12:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

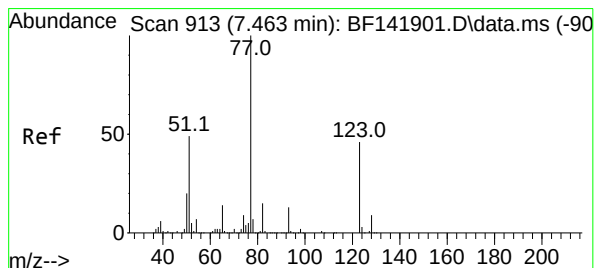
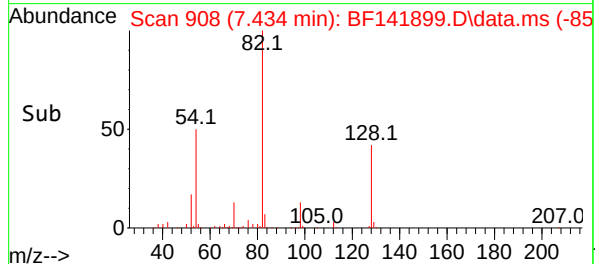
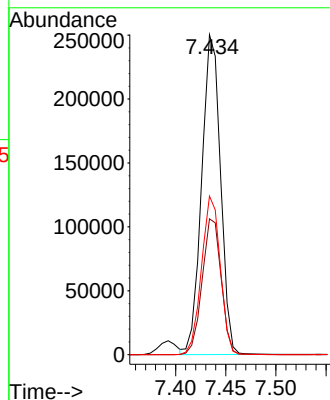
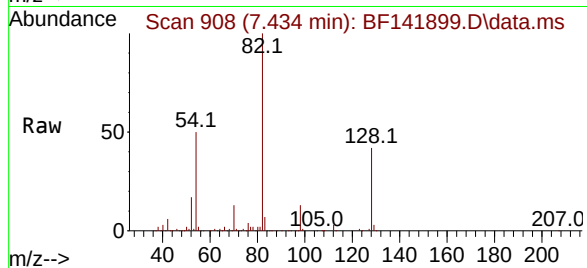
Tgt Ion: 82 Resp: 328098

Ion Ratio Lower Upper

82 100

128 42.5 36.0 54.0

54 49.6 39.6 59.4



#24

Nitrobenzene

Concen: 9.922 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.006 min

Lab File: BF141899.D

Acq: 10 Mar 2025 12:00

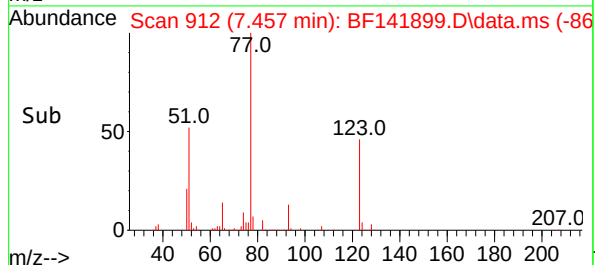
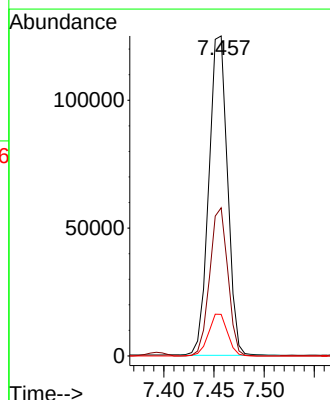
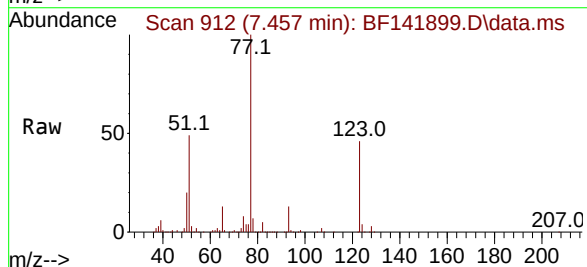
Tgt Ion: 77 Resp: 161777

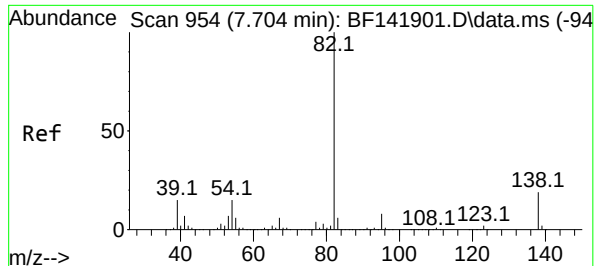
Ion Ratio Lower Upper

77 100

123 46.3 37.0 55.4

65 13.0 11.3 16.9

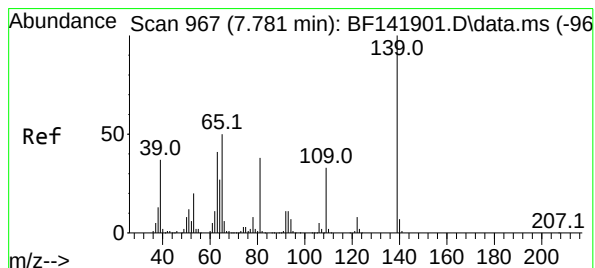
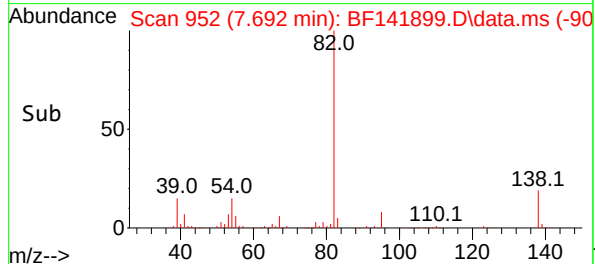
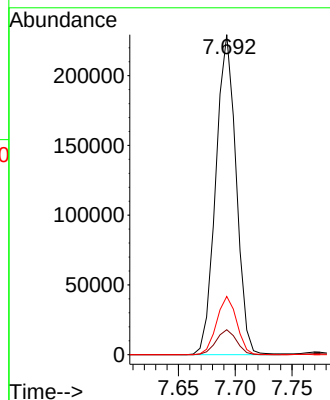
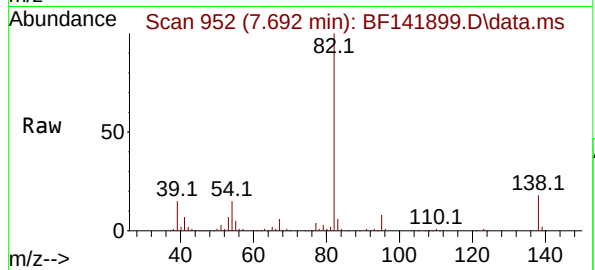




#25
Isophorone
Concen: 9.842 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

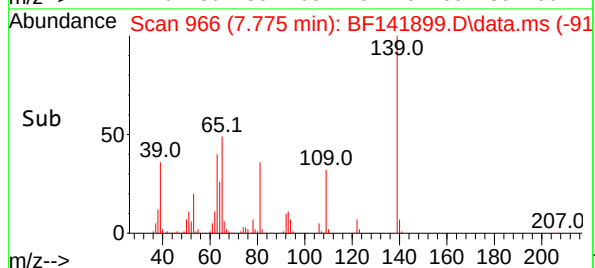
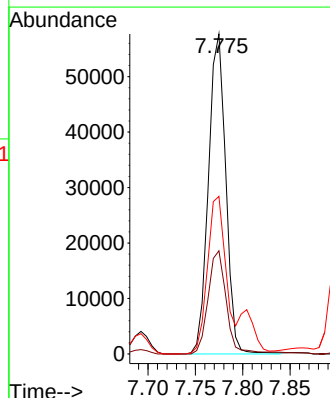
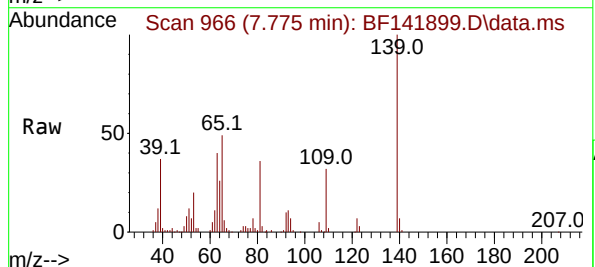
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

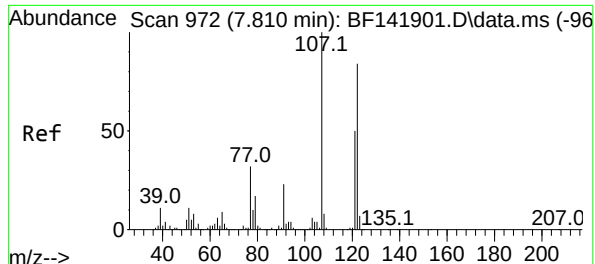
Tgt Ion: 82 Resp: 285760
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 18.2 14.9 22.3



#26
2-Nitrophenol
Concen: 9.174 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion: 139 Resp: 73301
Ion Ratio Lower Upper
139 100
109 32.2 26.5 39.7
65 49.3 40.3 60.5





#27

2,4-Dimethylphenol

Concen: 9.784 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141899.D

Acq: 10 Mar 2025 12:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

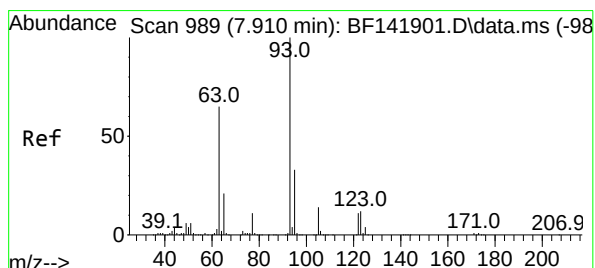
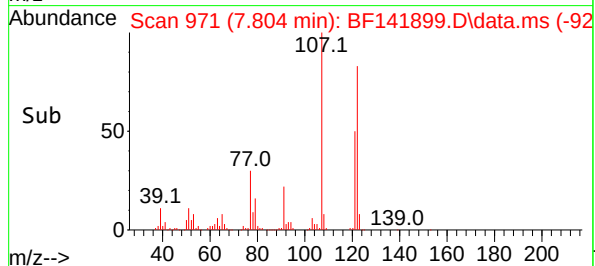
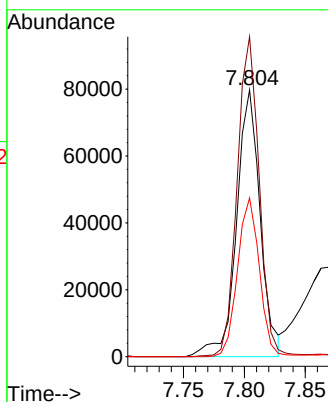
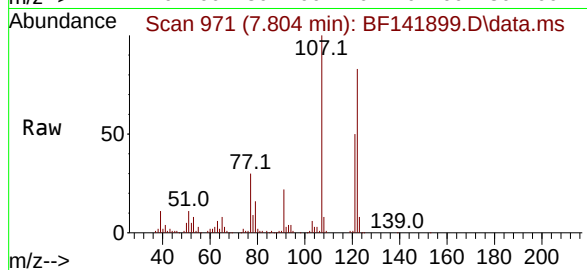
Tgt Ion:122 Resp: 107669

Ion Ratio Lower Upper

122 100

107 120.0 94.8 142.2

121 59.5 47.8 71.6



#28

bis(2-Chloroethoxy)methane

Concen: 10.298 ng

RT: 7.904 min Scan# 988

Delta R.T. -0.006 min

Lab File: BF141899.D

Acq: 10 Mar 2025 12:00

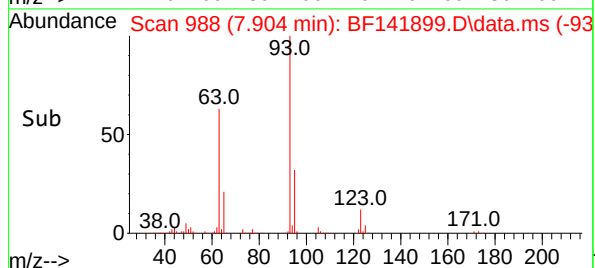
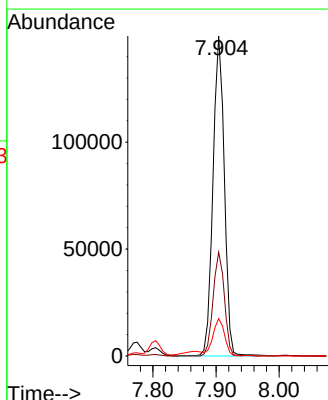
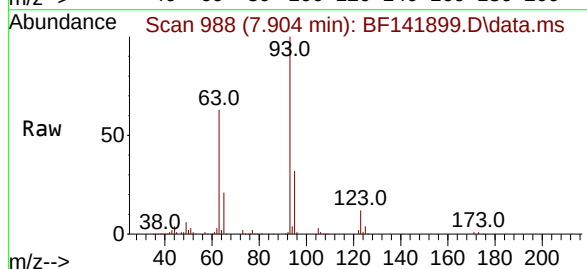
Tgt Ion: 93 Resp: 187307

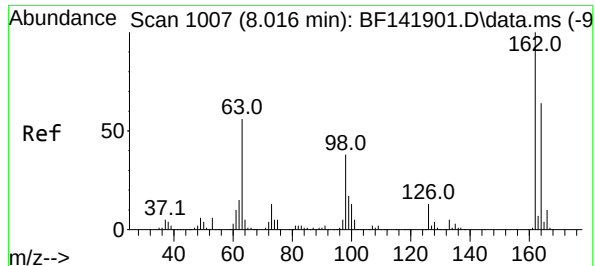
Ion Ratio Lower Upper

93 100

95 32.5 26.6 40.0

123 11.6 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 9.941 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF141899.D

Acq: 10 Mar 2025 12:00

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

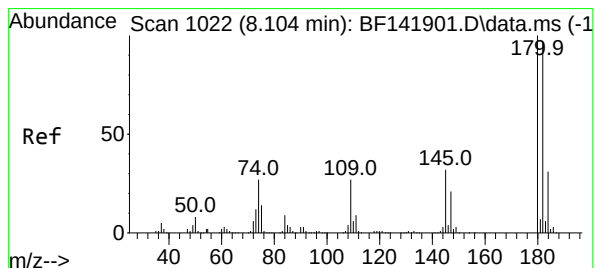
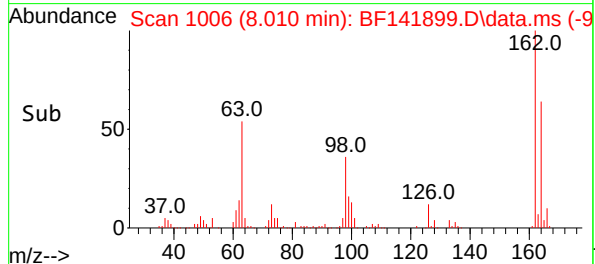
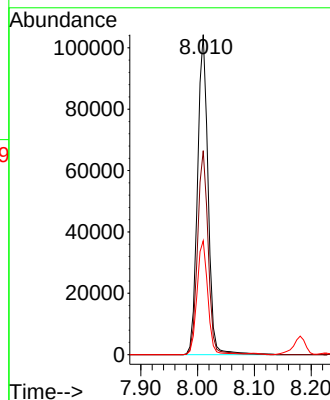
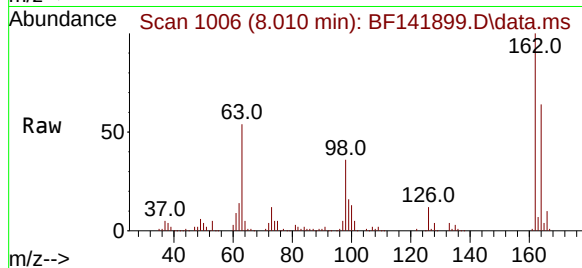
Tgt Ion:162 Resp: 135772

Ion Ratio Lower Upper

162 100

164 63.7 43.8 83.8

98 35.6 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 9.941 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BF141899.D

Acq: 10 Mar 2025 12:00

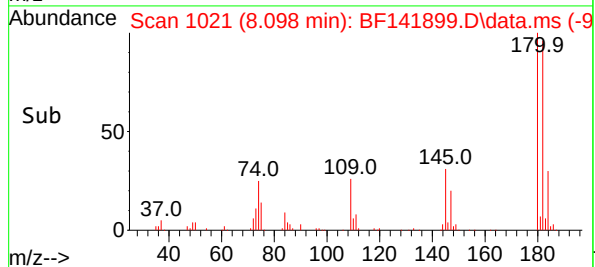
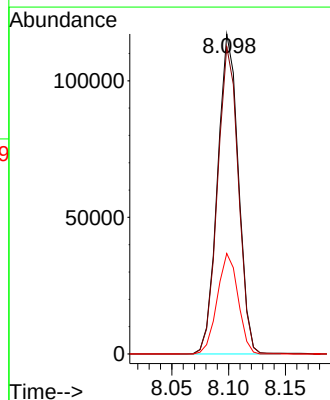
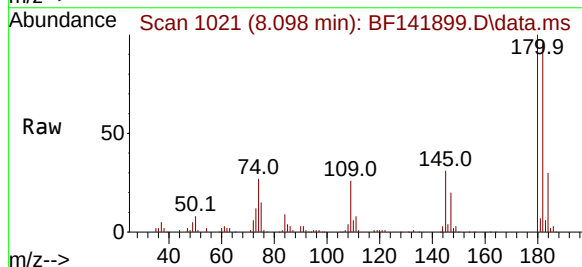
Tgt Ion:180 Resp: 149790

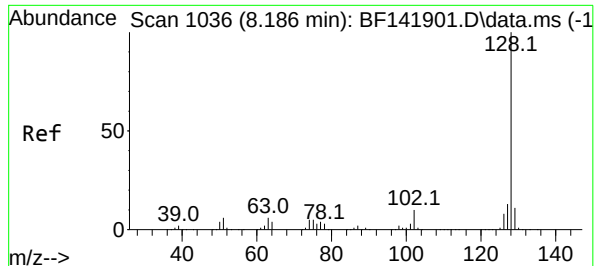
Ion Ratio Lower Upper

180 100

182 96.1 77.5 116.3

145 31.4 25.8 38.6

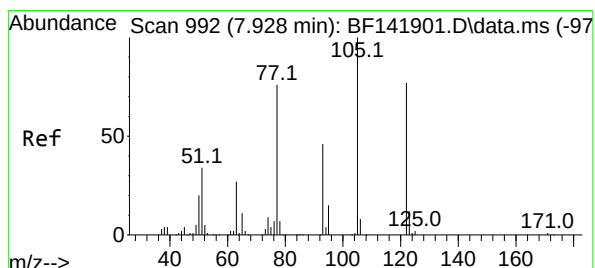
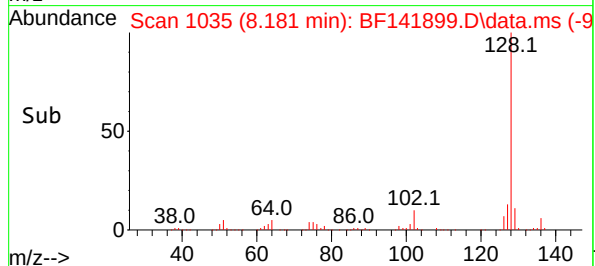
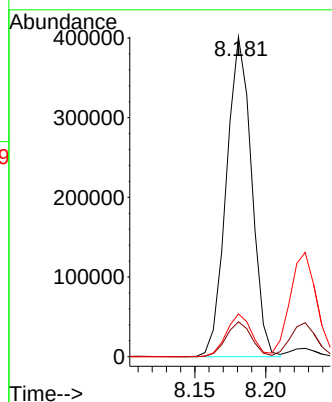
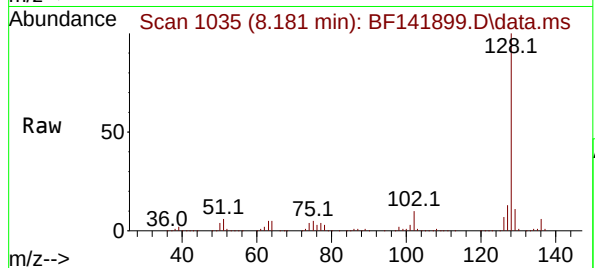




#31
Naphthalene
Concen: 10.493 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

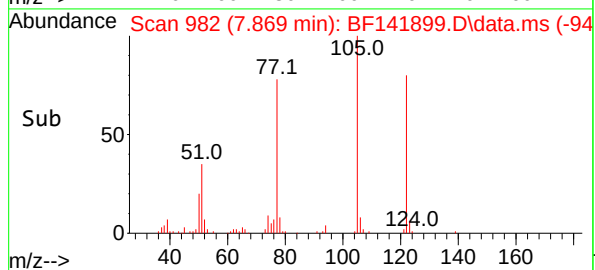
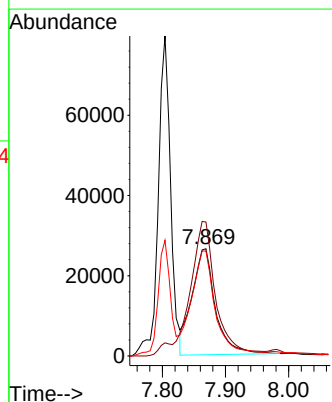
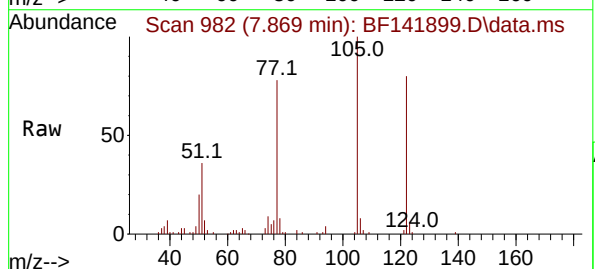
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

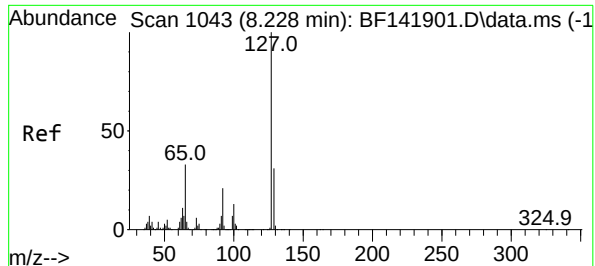
Tgt Ion:128 Resp: 495470
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 7.136 ng
RT: 7.869 min Scan# 982
Delta R.T. -0.059 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:122 Resp: 68640
Ion Ratio Lower Upper
122 100
105 124.8 107.9 147.9
77 97.8 79.0 119.0





#33

4-Chloroaniline

Concen: 10.441 ng

RT: 8.228 min Scan# 1043

Delta R.T. 0.000 min

Lab File: BF141899.D

Acq: 10 Mar 2025 12:00

Instrument :

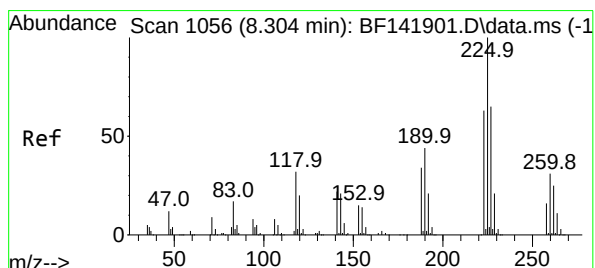
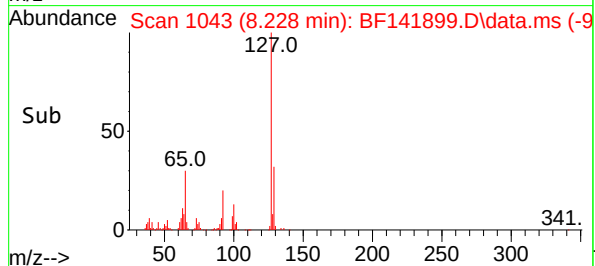
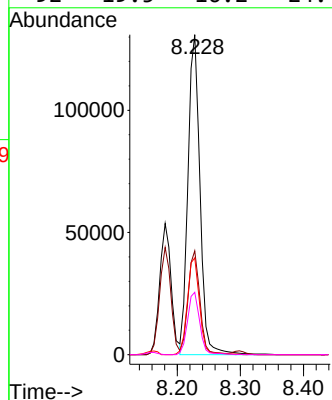
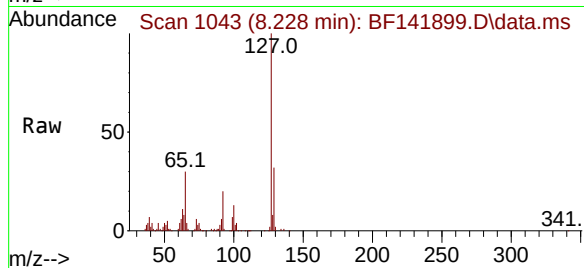
BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:127 Resp: 173977

Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.4
65	30.3	25.4	38.2
92	19.5	16.2	24.4



#34

Hexachlorobutadiene

Concen: 9.931 ng

RT: 8.298 min Scan# 1055

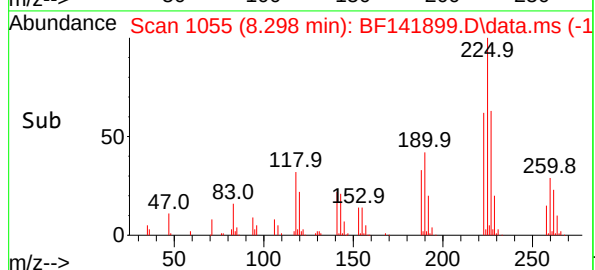
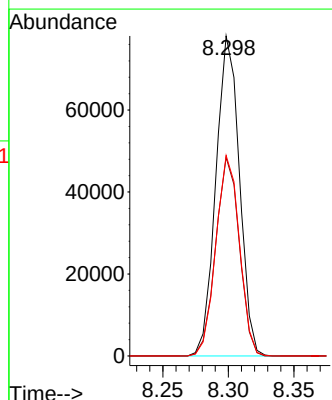
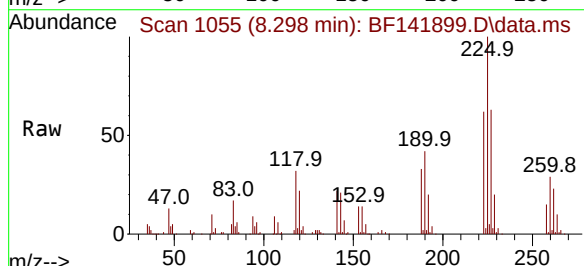
Delta R.T. -0.006 min

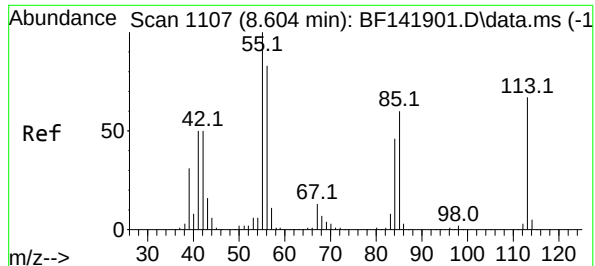
Lab File: BF141899.D

Acq: 10 Mar 2025 12:00

Tgt Ion:225 Resp: 97298

Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.6	75.8
227	62.7	52.2	78.2

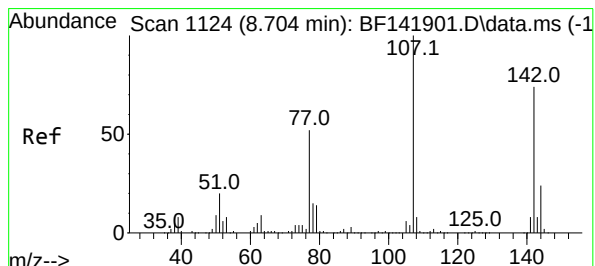
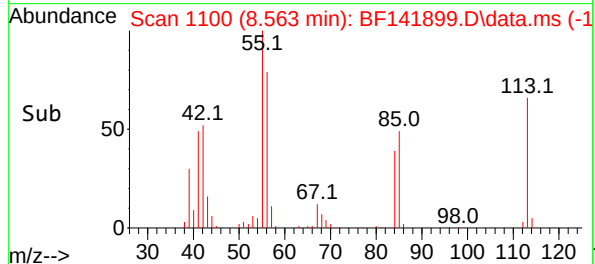
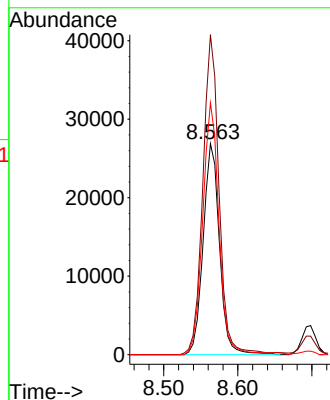
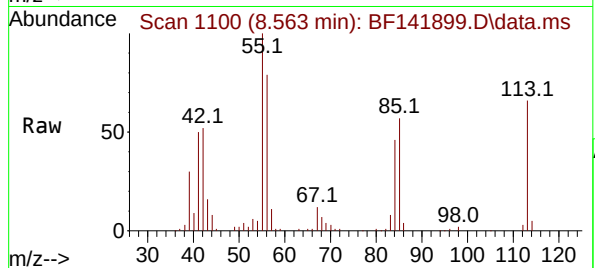




#35
Caprolactam
Concen: 9.922 ng
RT: 8.563 min Scan# 1107
Delta R.T. -0.041 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

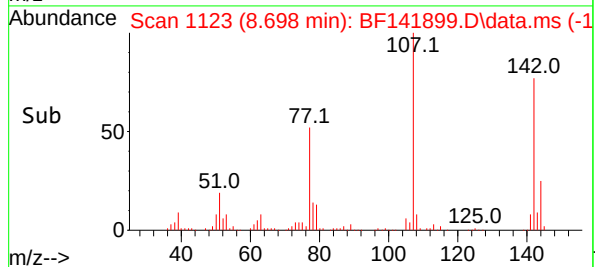
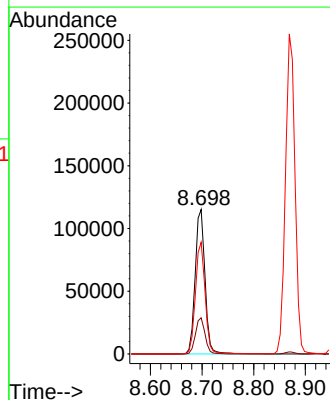
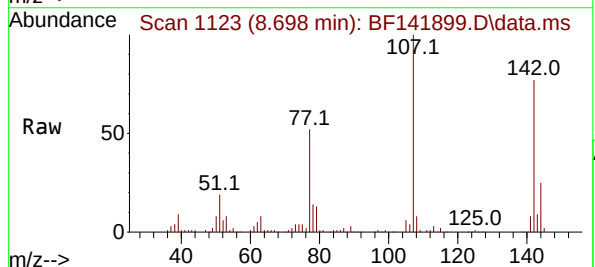
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

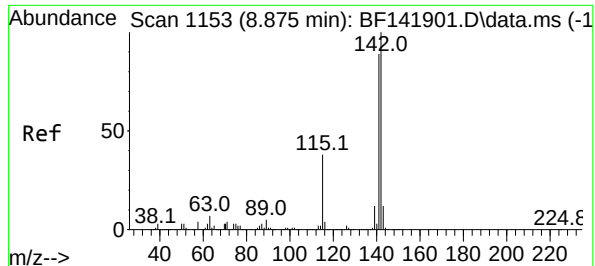
Tgt Ion:113 Resp: 41208
Ion Ratio Lower Upper
113 100
55 151.6 129.6 169.6
56 119.3 104.0 144.0



#36
4-Chloro-3-methylphenol
Concen: 10.029 ng
RT: 8.698 min Scan# 1123
Delta R.T. -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:107 Resp: 152340
Ion Ratio Lower Upper
107 100
144 25.1 19.0 28.6
142 77.3 59.2 88.8

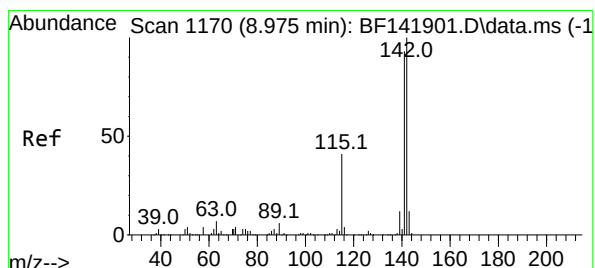
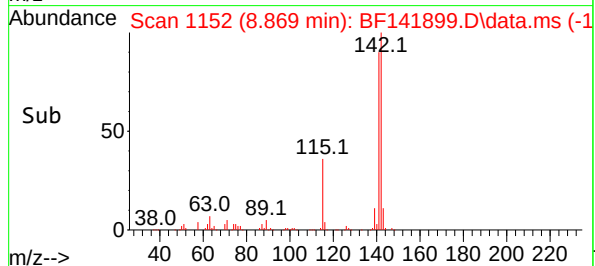
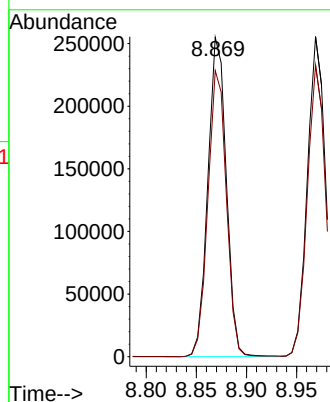
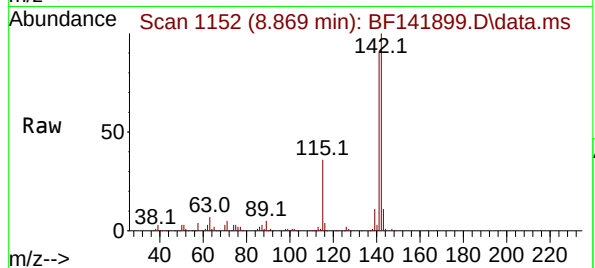




#37
2-Methylnaphthalene
Concen: 10.313 ng
RT: 8.869 min Scan# 1152
Delta R.T. -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

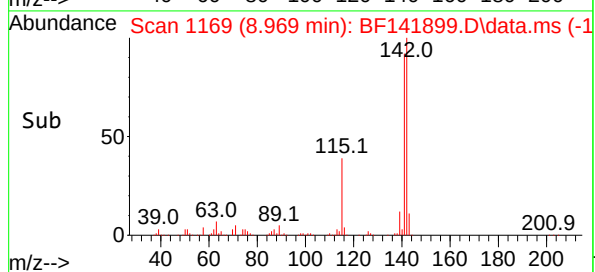
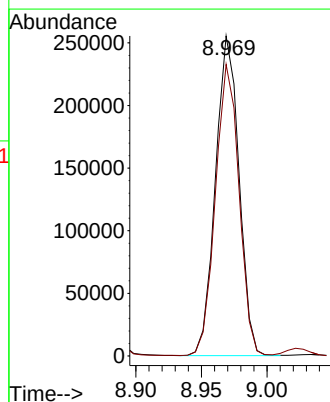
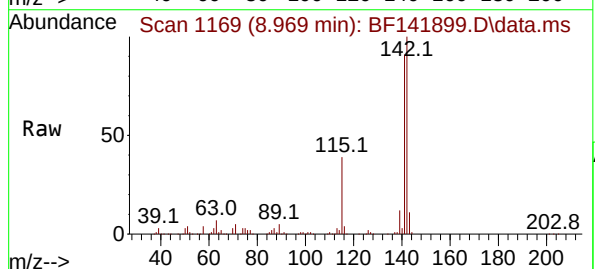
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

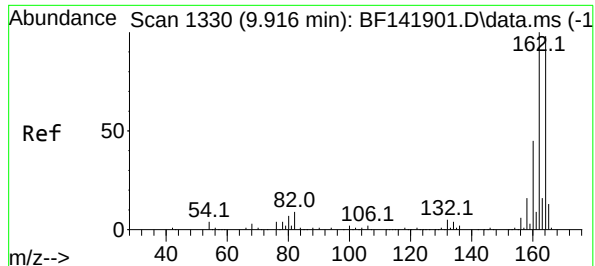
Tgt Ion:142 Resp: 326733
Ion Ratio Lower Upper
142 100
141 89.6 71.2 106.8



#38
1-Methylnaphthalene
Concen: 10.376 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:142 Resp: 318324
Ion Ratio Lower Upper
142 100
141 91.1 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF141899.D

Acq: 10 Mar 2025 12:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

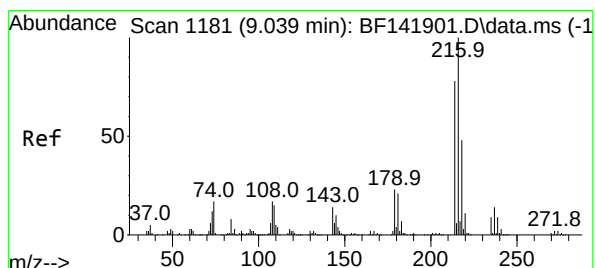
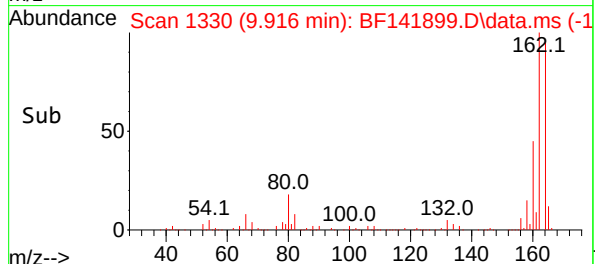
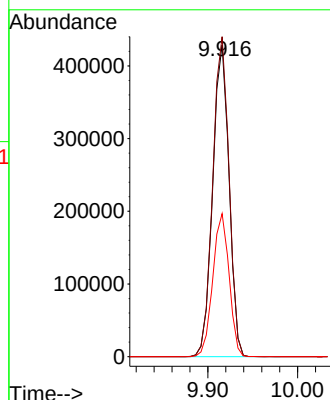
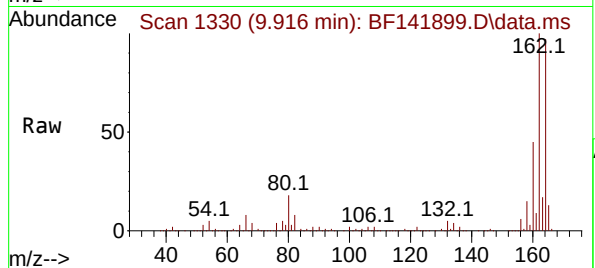
Tgt Ion:164 Resp: 541295

Ion Ratio Lower Upper

164 100

162 102.7 81.8 122.6

160 45.9 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 9.905 ng

RT: 9.034 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF141899.D

Acq: 10 Mar 2025 12:00

Tgt Ion:216 Resp: 163481

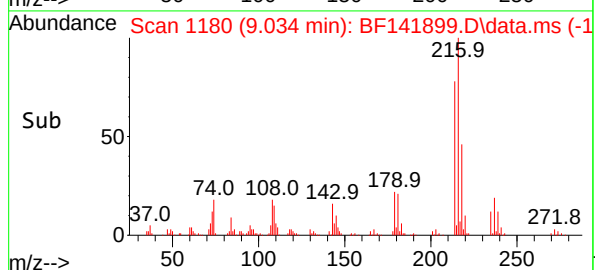
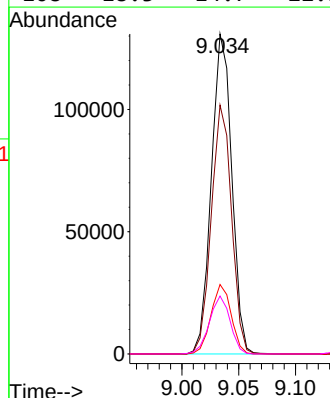
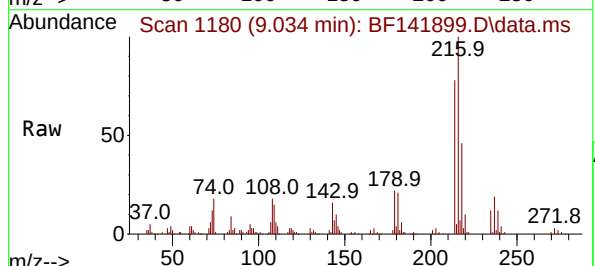
Ion Ratio Lower Upper

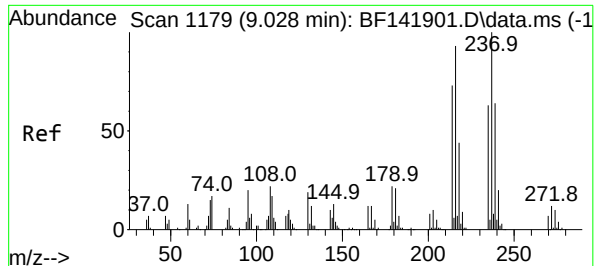
216 100

214 77.1 61.9 92.9

179 21.5 18.1 27.1

108 18.3 14.7 22.1

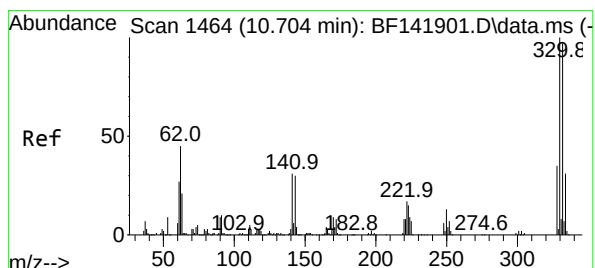
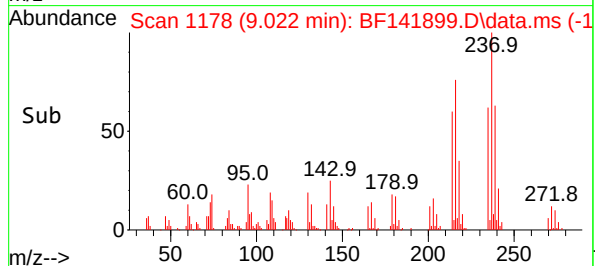
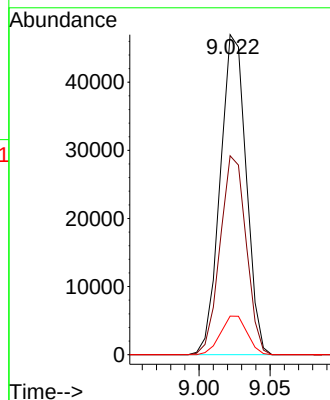
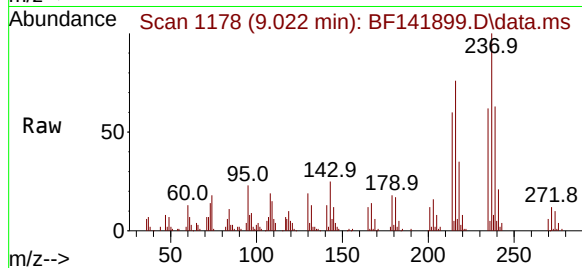




#41
Hexachlorocyclopentadiene
Concen: 9.177 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

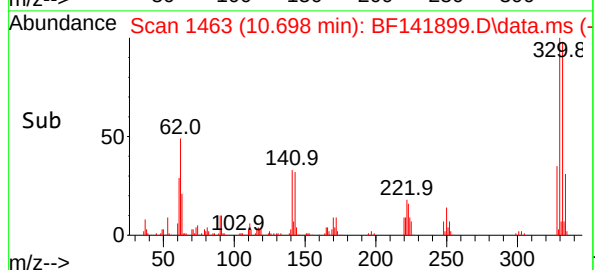
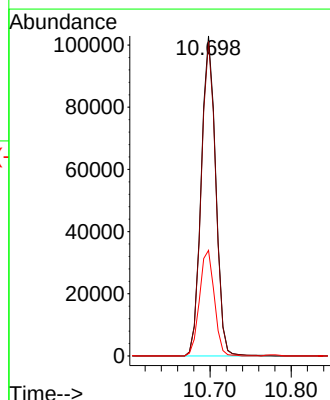
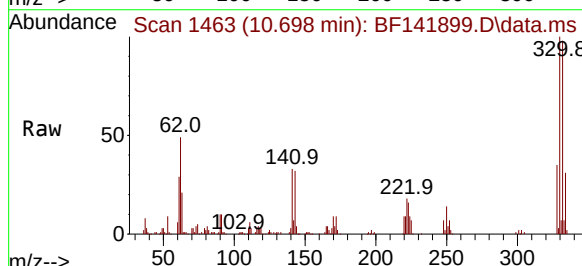
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

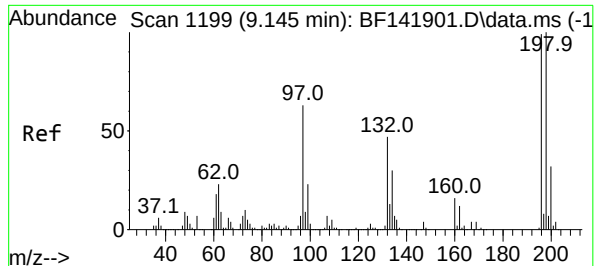
Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.1	43.1	83.1
272	12.0	0.0	32.0



#42
2,4,6-Tribromophenol
Concen: 18.630 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.6	116.4
141	33.6	24.7	37.1





#43

2,4,6-Trichlorophenol

Concen: 9.777 ng

RT: 9.145 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF141899.D

Acq: 10 Mar 2025 12:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

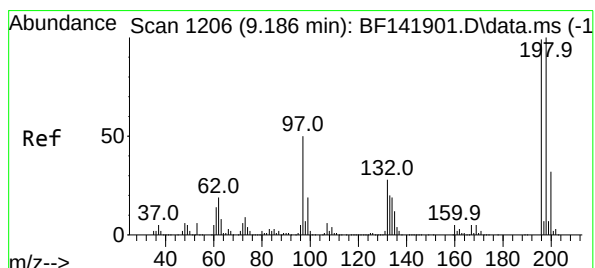
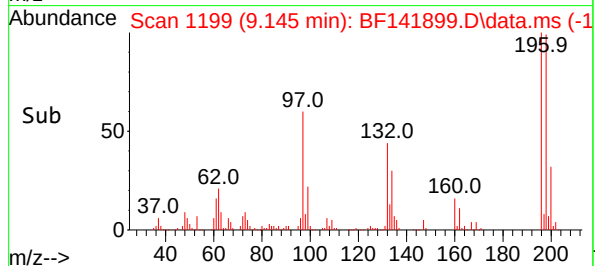
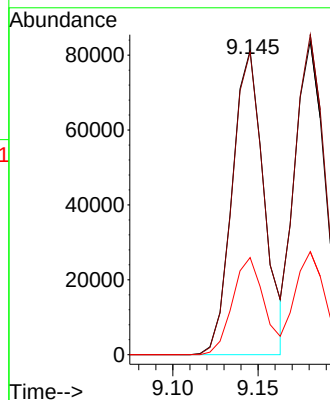
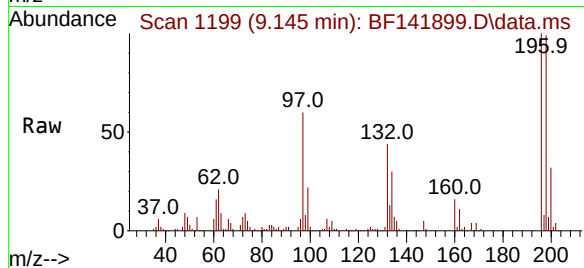
Tgt Ion:196 Resp: 105191

Ion Ratio Lower Upper

196 100

198 99.4 80.6 121.0

200 31.9 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 9.692 ng

RT: 9.181 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF141899.D

Acq: 10 Mar 2025 12:00

Tgt Ion:196 Resp: 105943

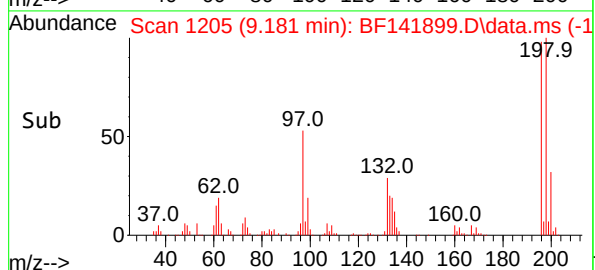
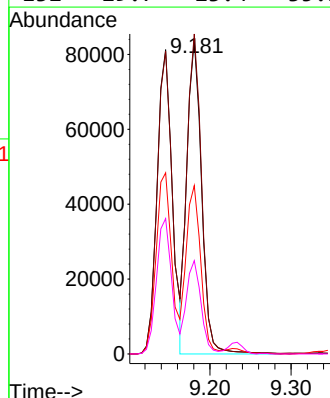
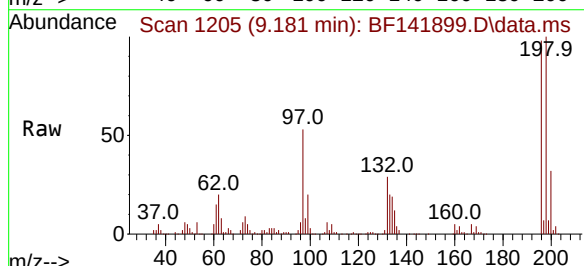
Ion Ratio Lower Upper

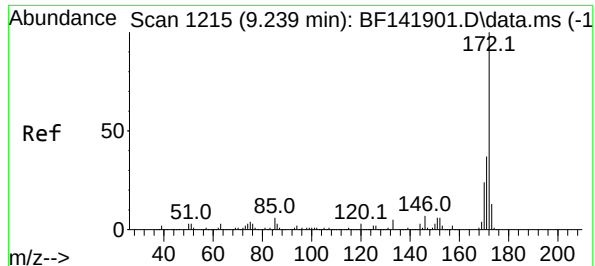
196 100

198 102.0 80.7 121.1

97 53.7 42.1 63.1

132 29.7 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 21.003 ng

RT: 9.234 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF141899.D

Acq: 10 Mar 2025 12:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

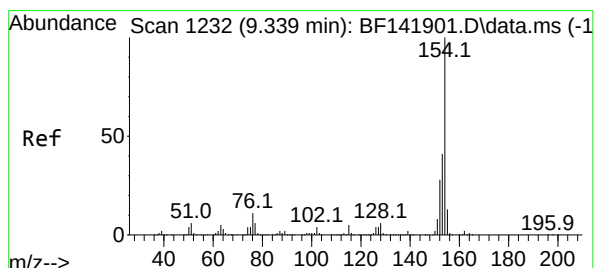
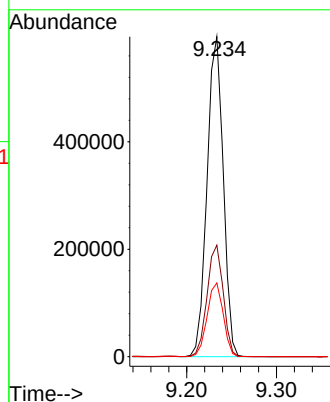
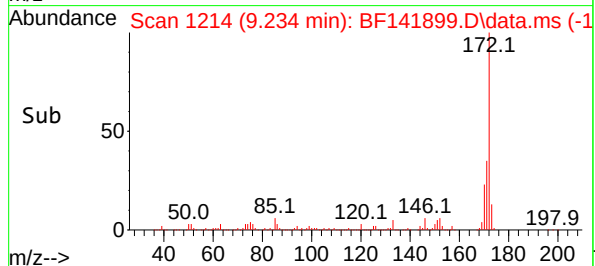
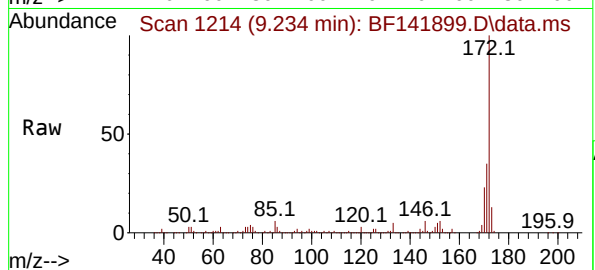
Tgt Ion:172 Resp: 746589

Ion Ratio Lower Upper

172 100

171 34.9 29.3 43.9

170 23.1 19.4 29.0



#46

1,1'-Biphenyl

Concen: 10.372 ng

RT: 9.334 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF141899.D

Acq: 10 Mar 2025 12:00

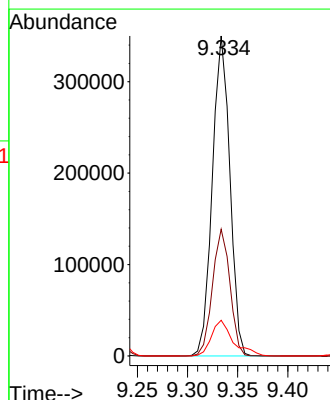
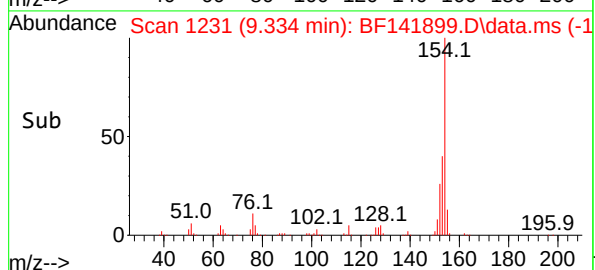
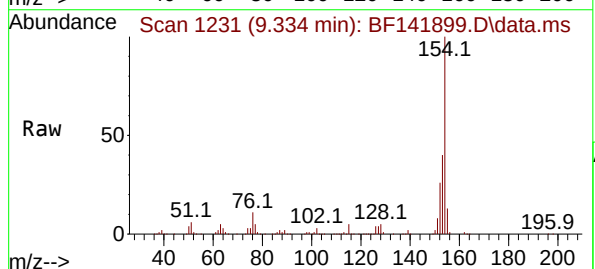
Tgt Ion:154 Resp: 425640

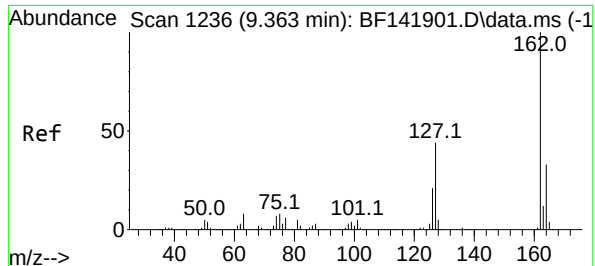
Ion Ratio Lower Upper

154 100

153 39.6 21.1 61.1

76 11.1 0.0 31.3





#47

2-Chloronaphthalene

Concen: 10.094 ng

RT: 9.357 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141899.D

Acq: 10 Mar 2025 12:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

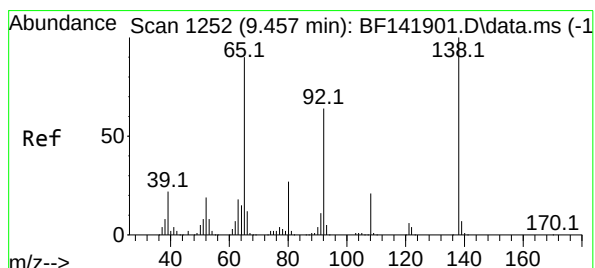
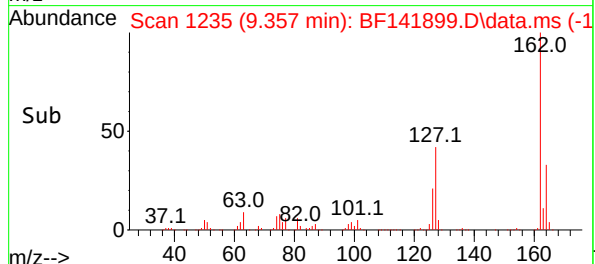
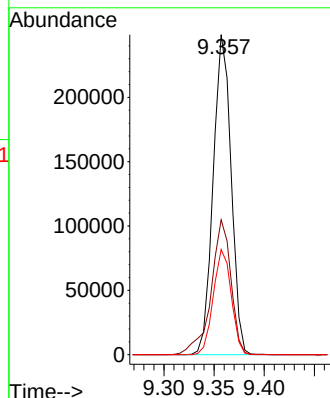
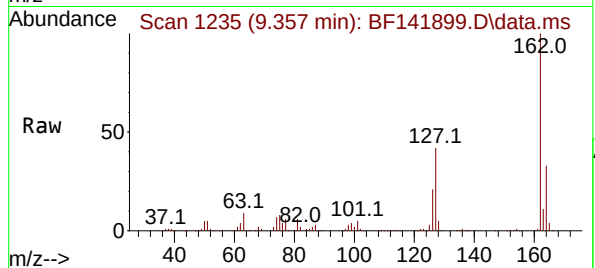
Tgt Ion:162 Resp: 308729

Ion Ratio Lower Upper

162 100

127 42.1 35.5 53.3

164 32.9 26.6 40.0



#48

2-Nitroaniline

Concen: 9.658 ng

RT: 9.451 min Scan# 1251

Delta R.T. -0.006 min

Lab File: BF141899.D

Acq: 10 Mar 2025 12:00

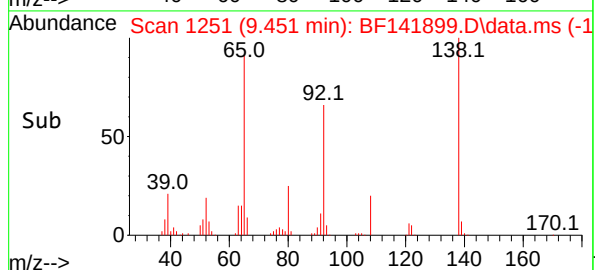
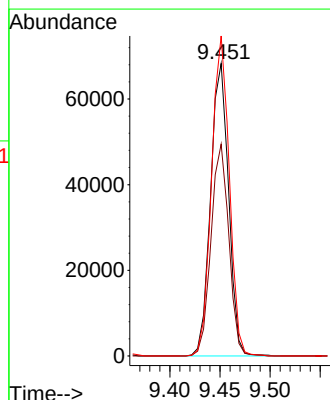
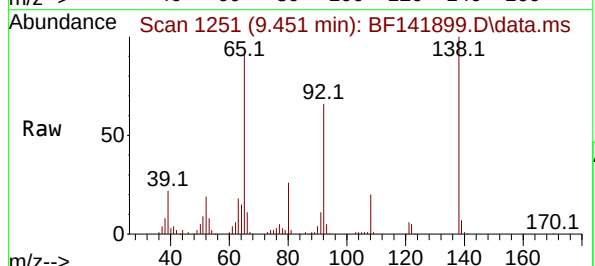
Tgt Ion: 65 Resp: 84854

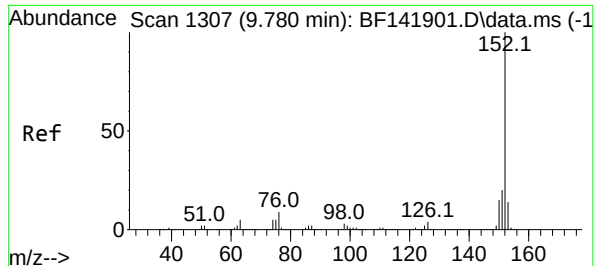
Ion Ratio Lower Upper

65 100

92 72.5 56.6 84.8

138 109.4 88.6 133.0





#49

Acenaphthylene

Concen: 10.383 ng

RT: 9.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141899.D

Acq: 10 Mar 2025 12:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

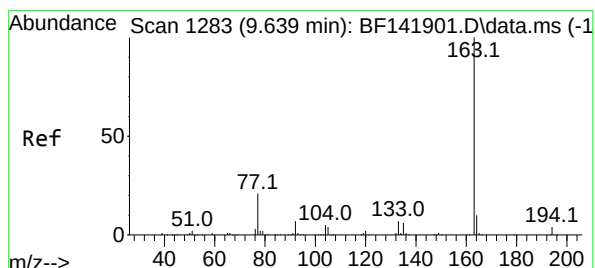
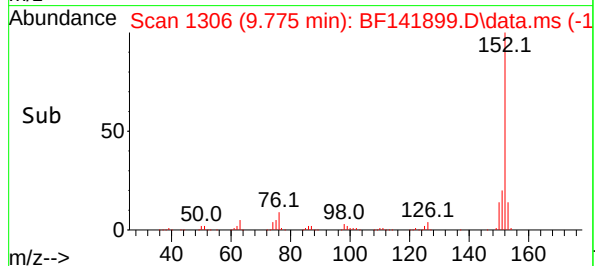
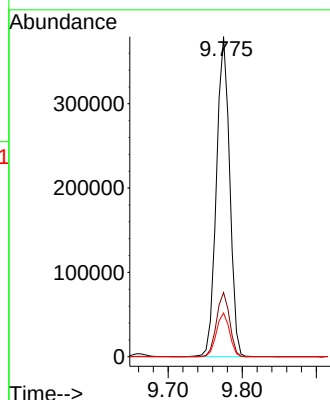
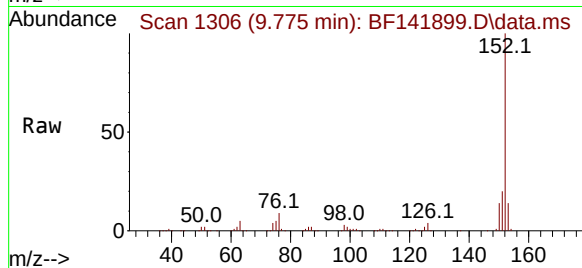
Tgt Ion:152 Resp: 470801

Ion Ratio Lower Upper

152 100

151 20.0 16.3 24.5

153 13.7 11.1 16.7



#50

Dimethylphthalate

Concen: 10.176 ng

RT: 9.628 min Scan# 1281

Delta R.T. -0.012 min

Lab File: BF141899.D

Acq: 10 Mar 2025 12:00

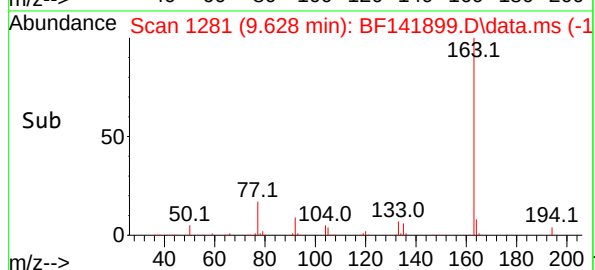
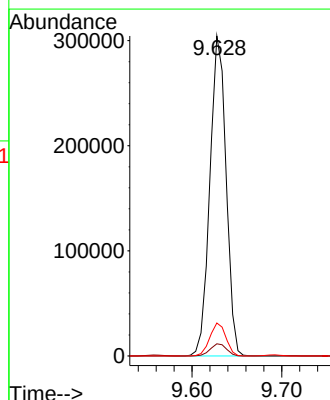
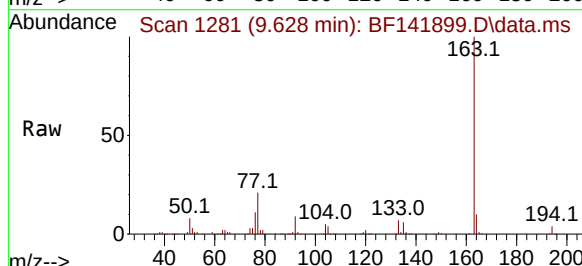
Tgt Ion:163 Resp: 382722

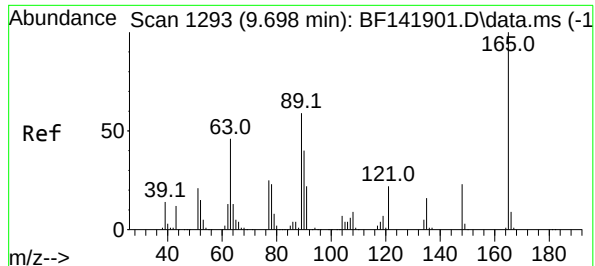
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 10.3 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 9.663 ng

RT: 9.692 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141899.D

Acq: 10 Mar 2025 12:00

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

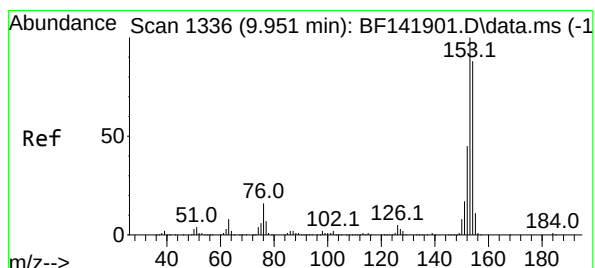
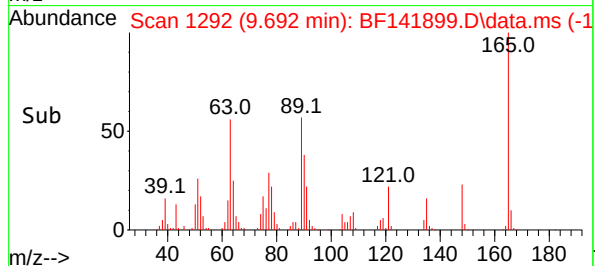
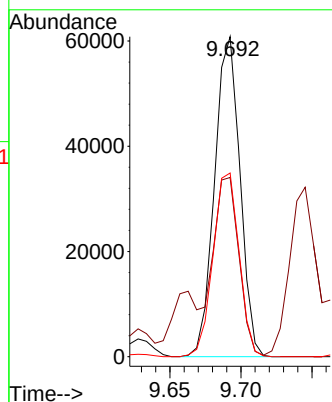
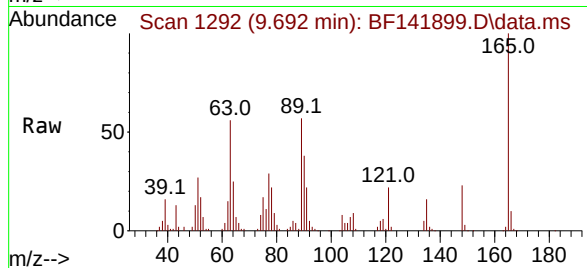
Tgt Ion:165 Resp: 75577

Ion Ratio Lower Upper

165 100

63 56.0 47.0 70.4

89 57.4 47.4 71.2



#52

Acenaphthene

Concen: 10.101 ng

RT: 9.945 min Scan# 1335

Delta R.T. -0.006 min

Lab File: BF141899.D

Acq: 10 Mar 2025 12:00

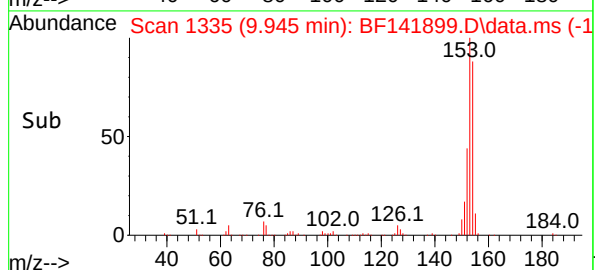
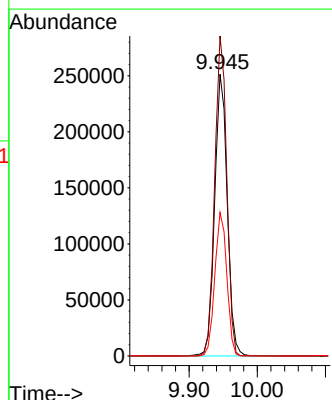
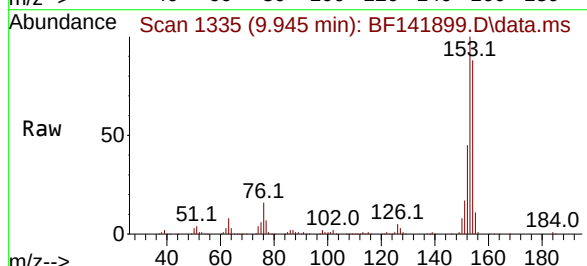
Tgt Ion:154 Resp: 323406

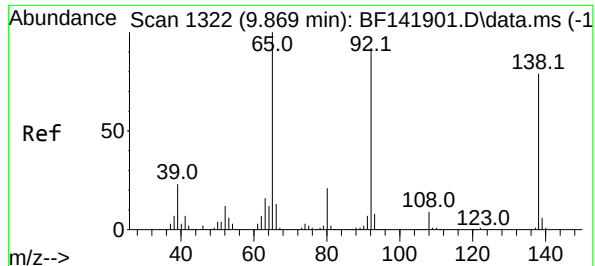
Ion Ratio Lower Upper

154 100

153 113.6 90.7 136.1

152 50.9 41.1 61.7

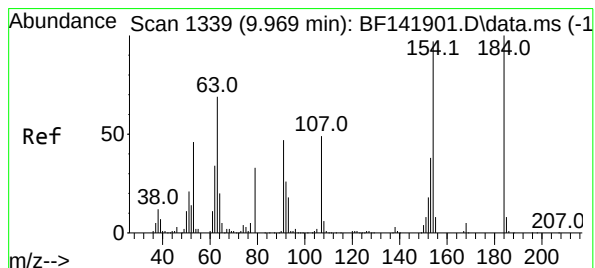
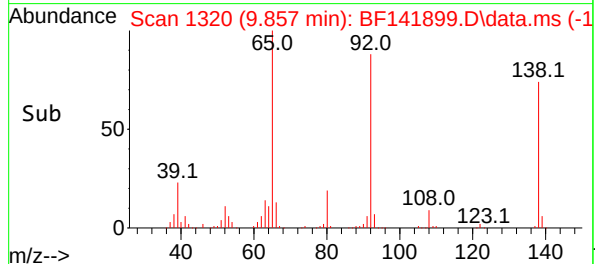
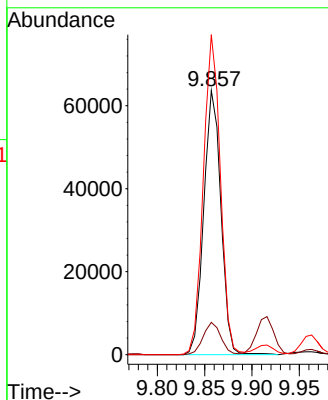
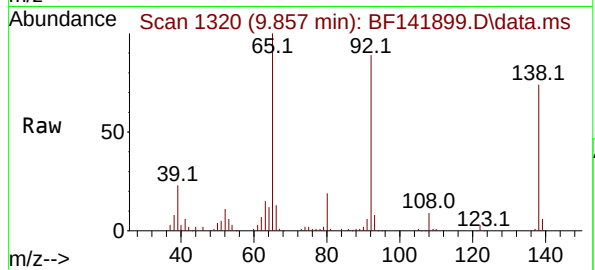




#53
3-Nitroaniline
Concen: 9.955 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

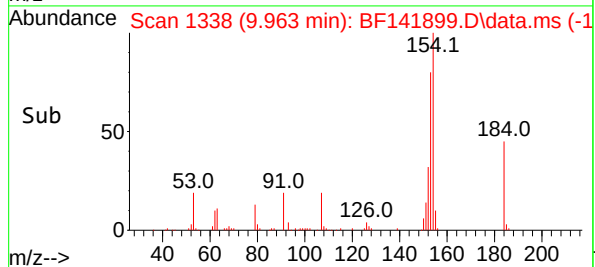
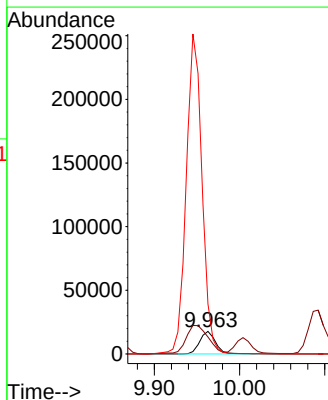
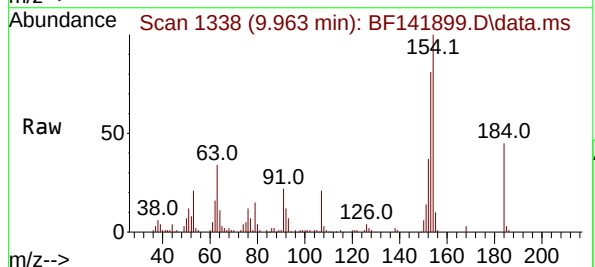
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

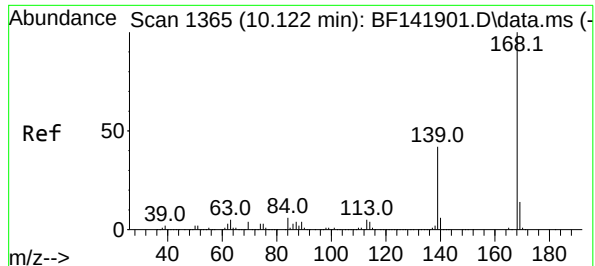
Tgt Ion:138 Resp: 79944
Ion Ratio Lower Upper
138 100
108 12.2 9.3 13.9
92 121.1 93.5 140.3



#54
2,4-Dinitrophenol
Concen: 11.386 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:184 Resp: 23121
Ion Ratio Lower Upper
184 100
63 75.2 60.2 90.4
154 222.1 132.9 199.3#

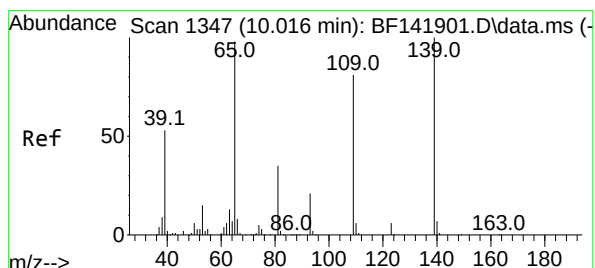
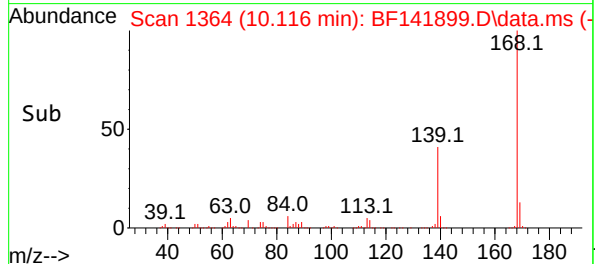
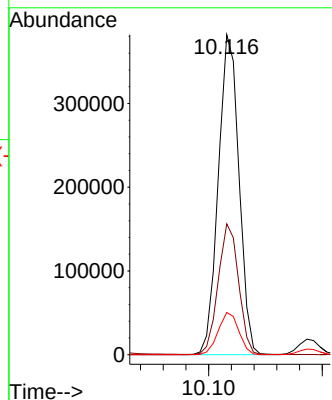
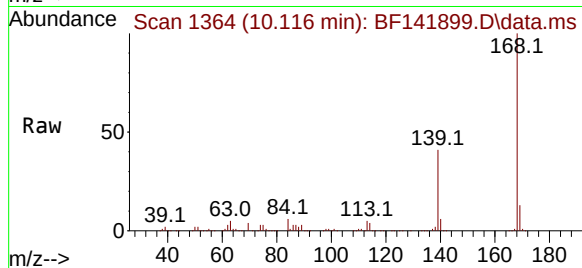




#55
Dibenzenofuran
Concen: 10.593 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

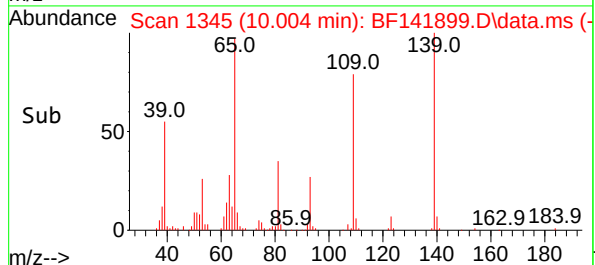
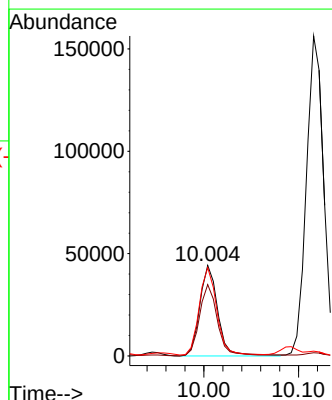
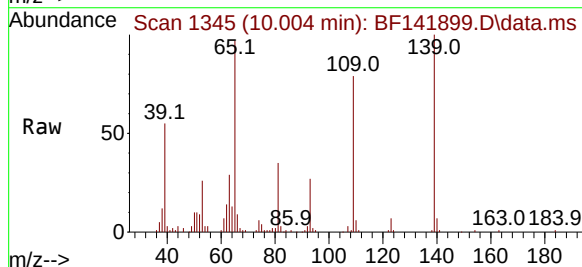
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

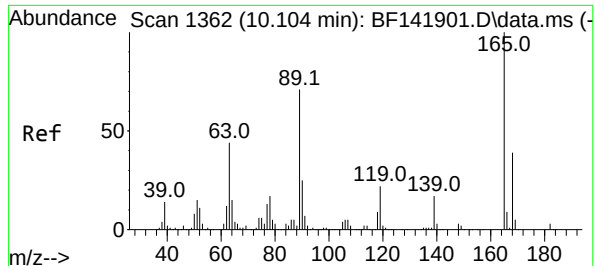
Tgt Ion:168 Resp: 483596
Ion Ratio Lower Upper
168 100
139 40.9 33.9 50.9
169 13.2 11.0 16.4



#56
4-Nitrophenol
Concen: 9.706 ng
RT: 10.004 min Scan# 1345
Delta R.T. -0.012 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

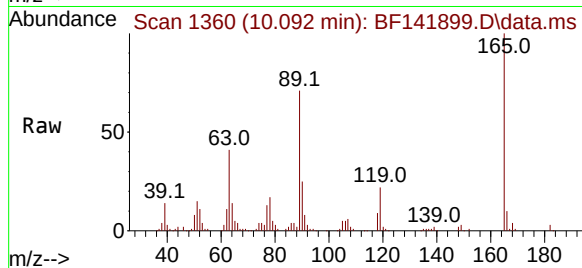
Tgt Ion:139 Resp: 58549
Ion Ratio Lower Upper
139 100
109 78.8 61.6 101.6
65 97.5 79.4 119.4



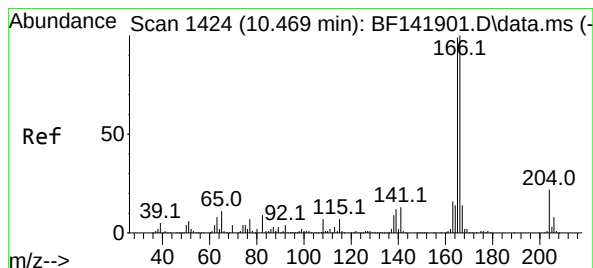
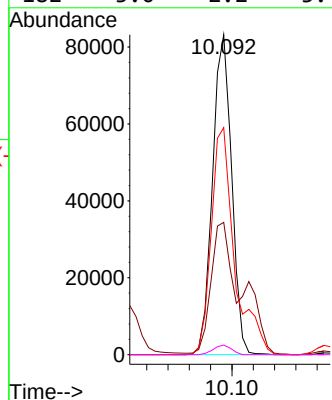
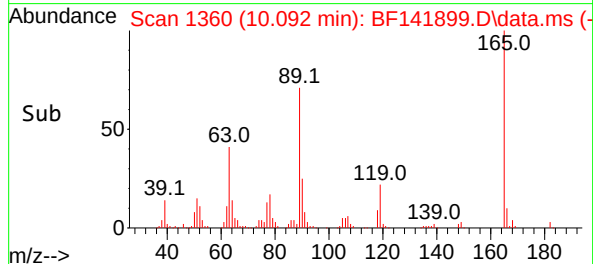


#57
2,4-Dinitrotoluene
Concen: 10.035 ng
RT: 10.092 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

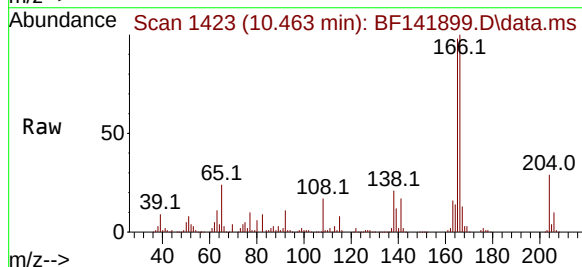
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



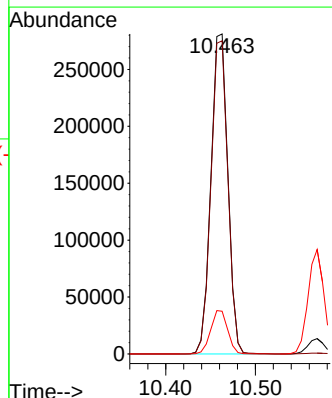
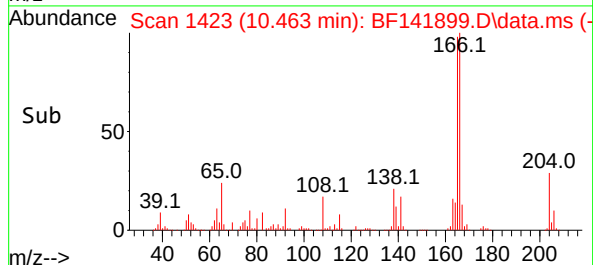
Tgt Ion:165 Resp: 103313
Ion Ratio Lower Upper
165 100
63 41.3 35.4 53.2
89 70.9 56.6 84.8
182 3.0 2.2 3.4

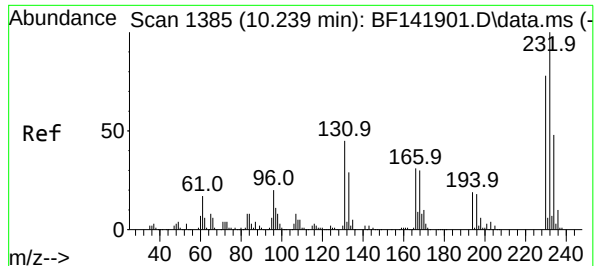


#58
Fluorene
Concen: 10.452 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00



Tgt Ion:166 Resp: 368370
Ion Ratio Lower Upper
166 100
165 97.8 79.0 118.4
167 13.3 11.0 16.4

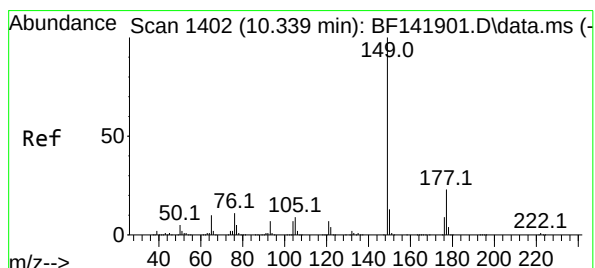
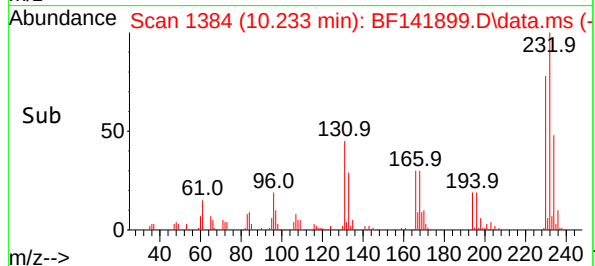
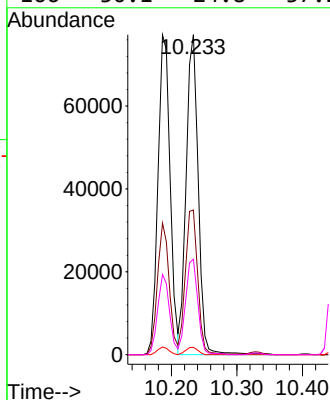
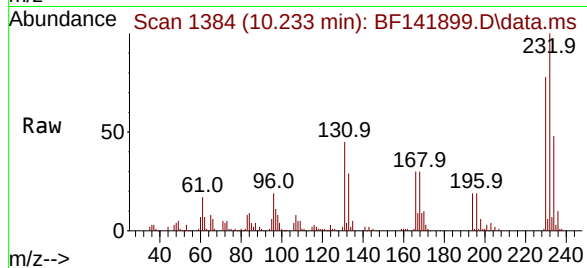




#59
2,3,4,6-Tetrachlorophenol
Concen: 9.954 ng
RT: 10.233 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

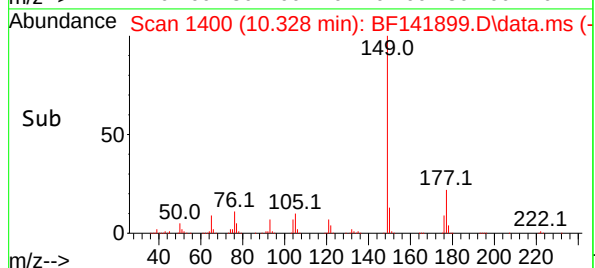
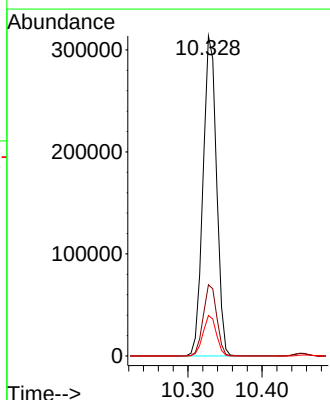
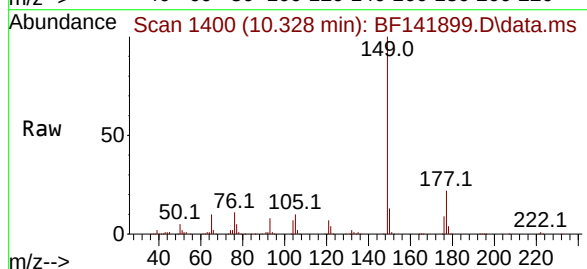
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

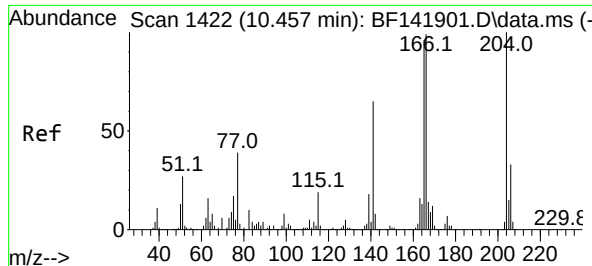
Tgt Ion:232 Resp: 98725
Ion Ratio Lower Upper
232 100
131 46.2 37.3 55.9
130 2.3 1.9 2.9
166 30.1 24.8 37.2



#60
Diethylphthalate
Concen: 10.542 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.012 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:149 Resp: 398003
Ion Ratio Lower Upper
149 100
177 22.2 18.0 27.0
150 12.7 10.2 15.4

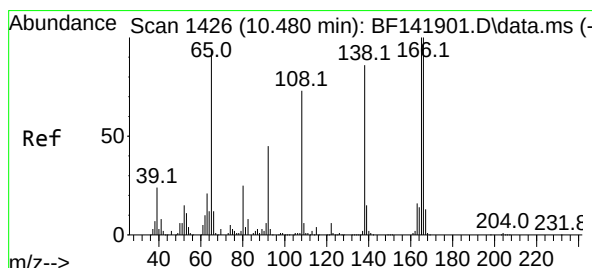
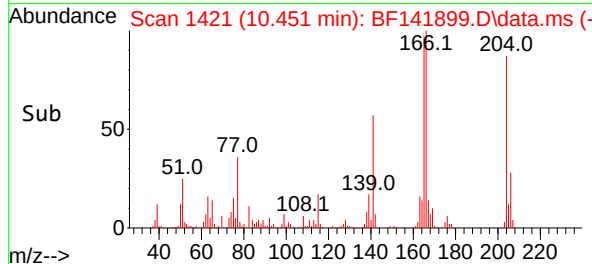
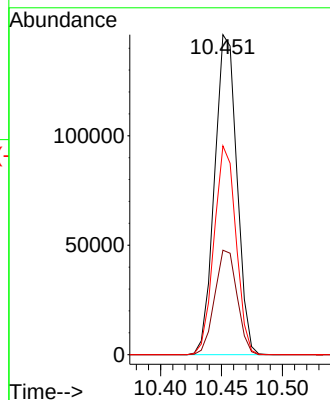
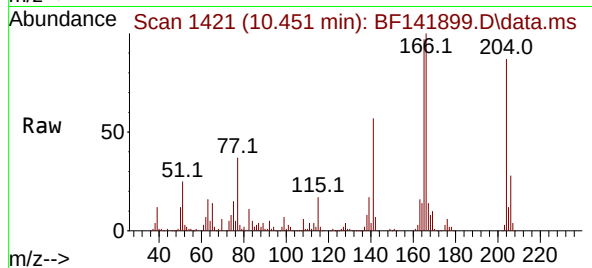




#61
4-Chlorophenyl-phenylether
Concen: 10.145 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

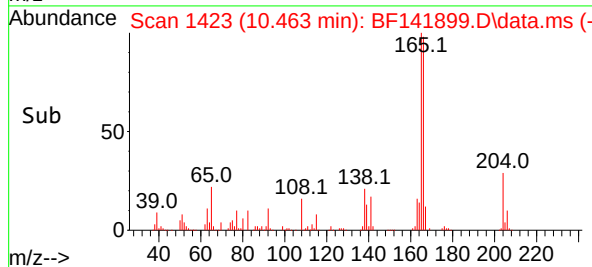
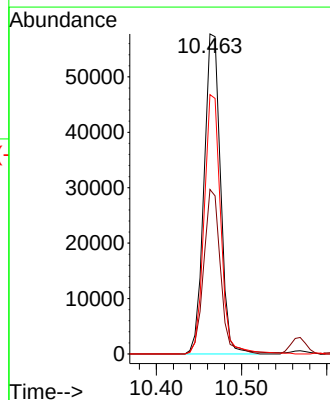
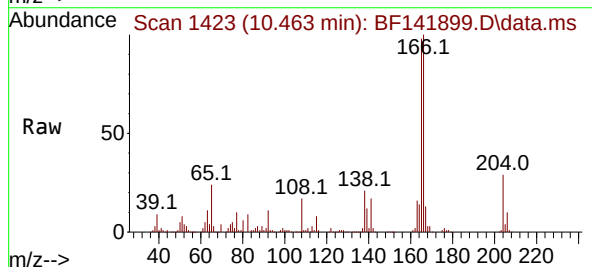
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

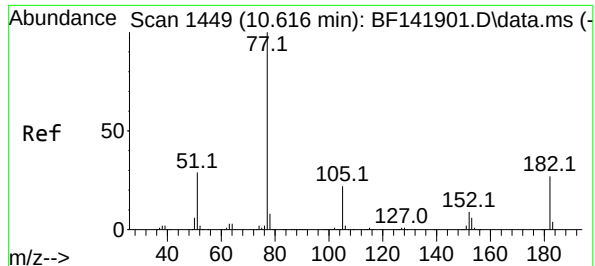
Tgt Ion:204 Resp: 186237
Ion Ratio Lower Upper
204 100
206 32.7 26.8 40.2
141 65.3 52.4 78.6



#62
4-Nitroaniline
Concen: 10.030 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.017 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:138 Resp: 78048
Ion Ratio Lower Upper
138 100
92 51.4 32.6 72.6
108 81.1 65.0 105.0

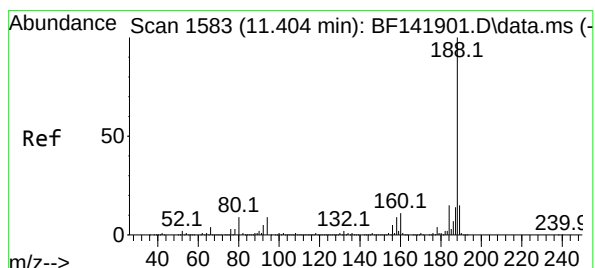
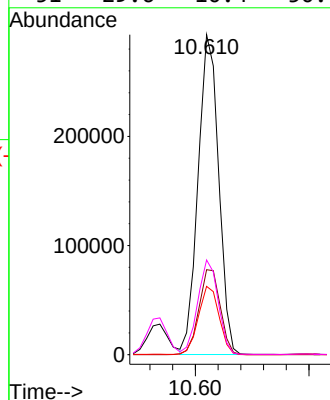
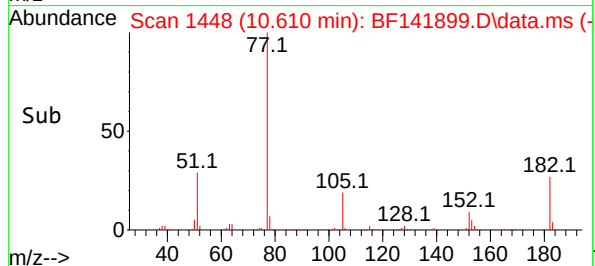
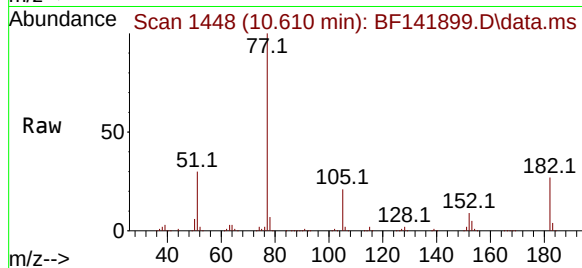




#63
Azobenzene
Concen: 10.521 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

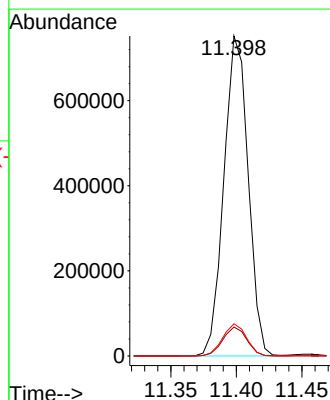
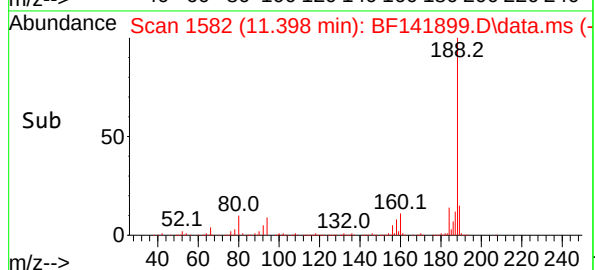
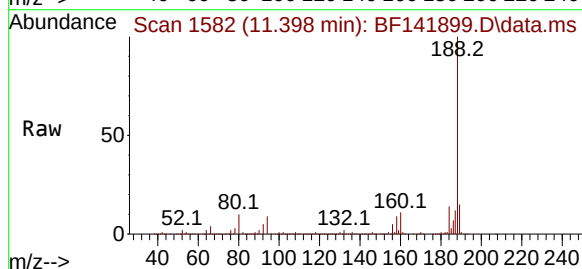
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

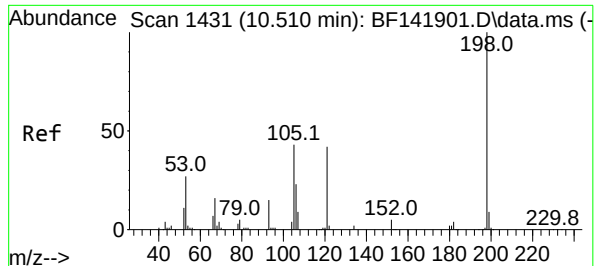
Tgt Ion:	77	Resp:	368982
Ion	Ratio	Lower	Upper
77	100		
182	26.6	6.6	46.6
105	21.3	1.3	41.3
51	29.6	10.4	50.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:	188	Resp:	966771
Ion	Ratio	Lower	Upper
188	100		
94	9.1	6.8	10.2
80	10.0	7.6	11.4

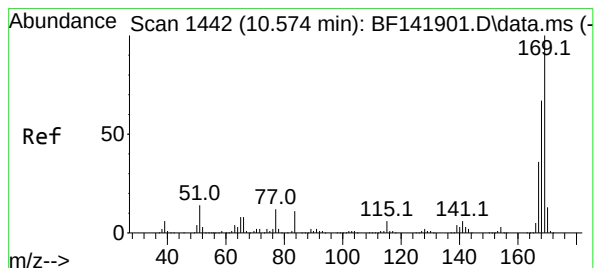
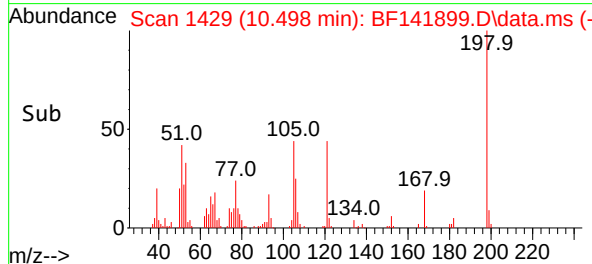
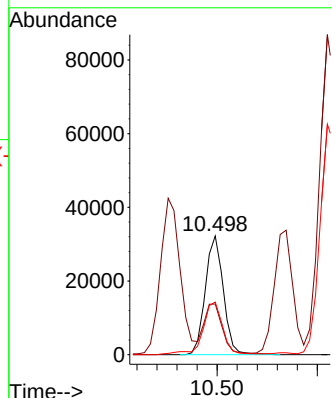
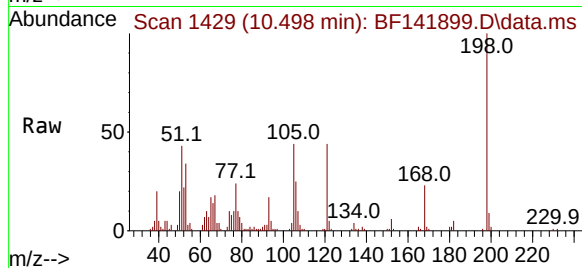




#65
4,6-Dinitro-2-methylphenol
Concen: 7.040 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.012 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

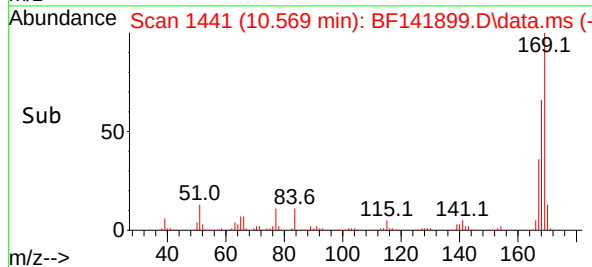
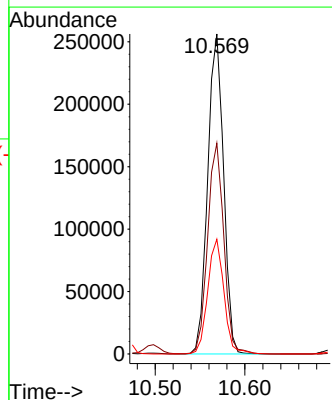
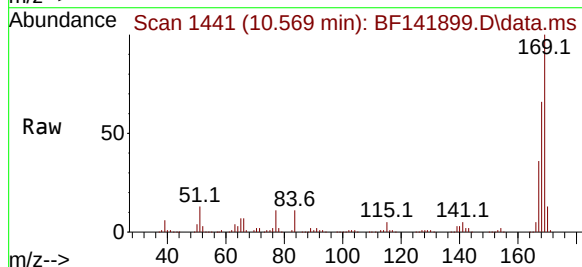
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

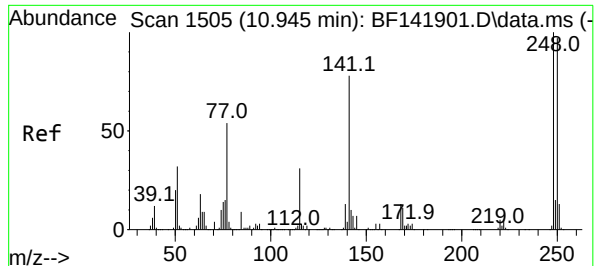
Tgt Ion	Ratio	Lower	Upper
198	100		
51	42.7	22.3	62.3
105	44.3	23.0	63.0



#66
n-Nitrosodiphenylamine
Concen: 10.078 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.8	53.7	80.5
167	35.8	29.2	43.8

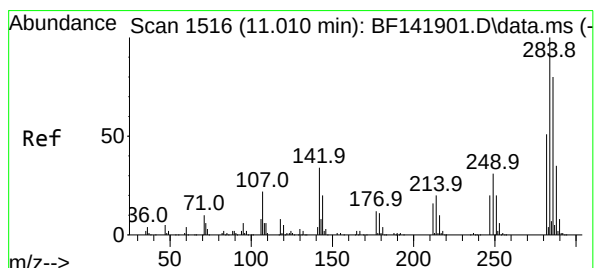
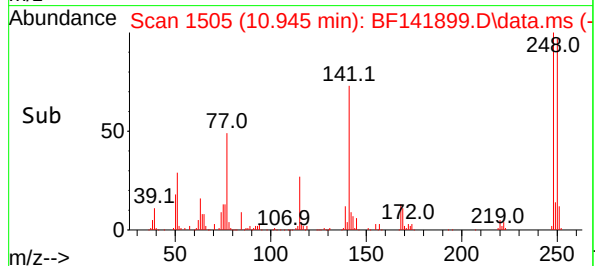
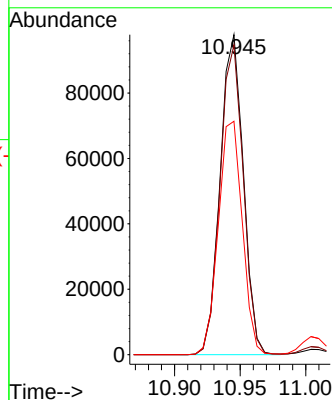
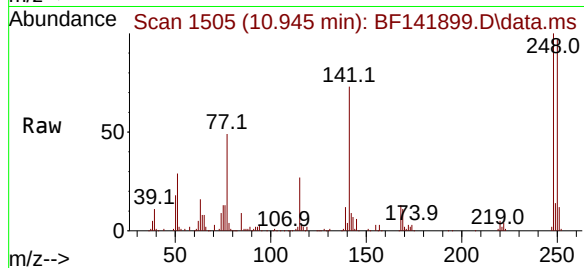




#67
4-Bromophenyl-phenylether
Concen: 10.011 ng
RT: 10.945 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

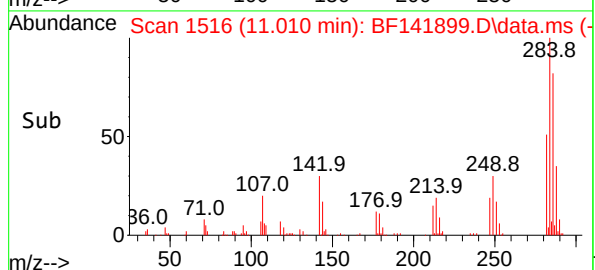
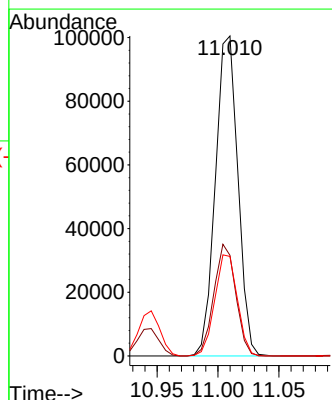
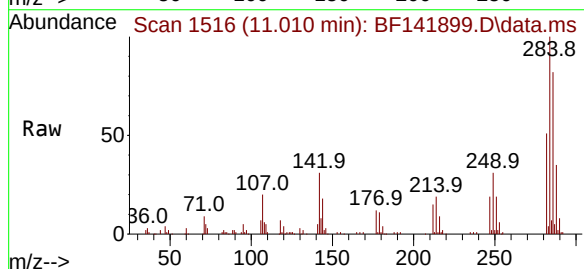
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

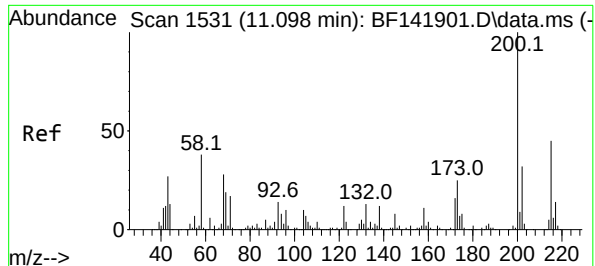
Tgt Ion:248 Resp: 120534
Ion Ratio Lower Upper
248 100
250 96.8 77.8 116.8
141 72.9 62.6 93.8



#68
Hexachlorobenzene
Concen: 9.712 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:284 Resp: 129242
Ion Ratio Lower Upper
284 100
142 31.4 27.0 40.6
249 31.1 25.2 37.8

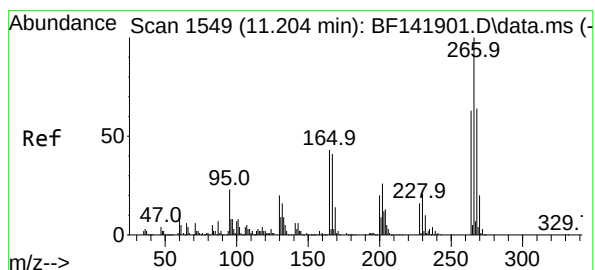
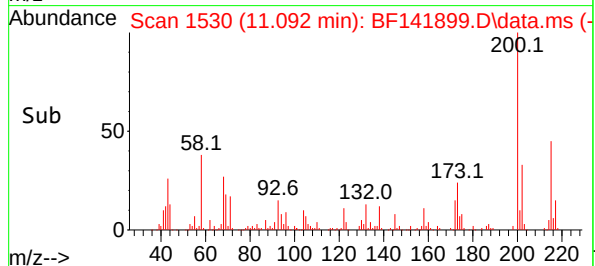
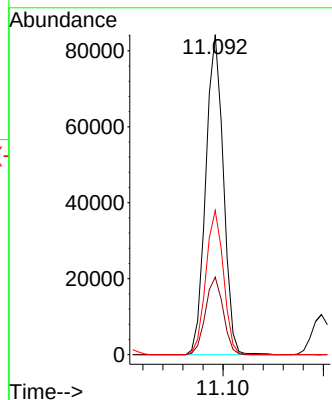
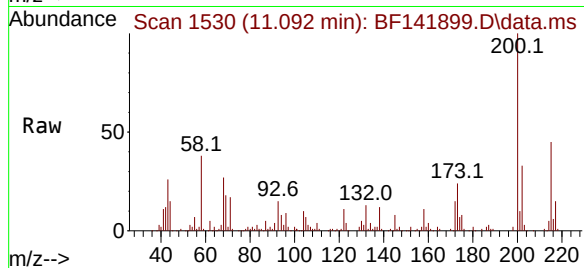




#69
Atrazine
Concen: 13.502 ng
RT: 11.092 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

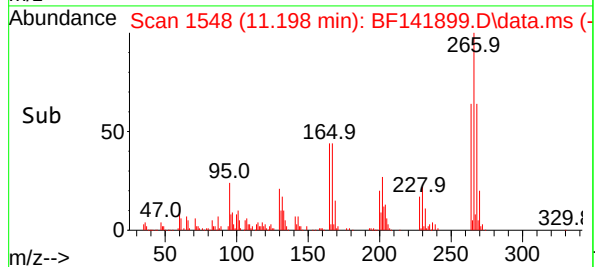
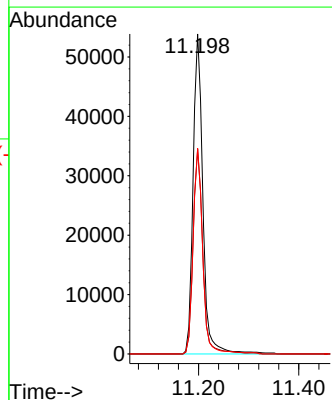
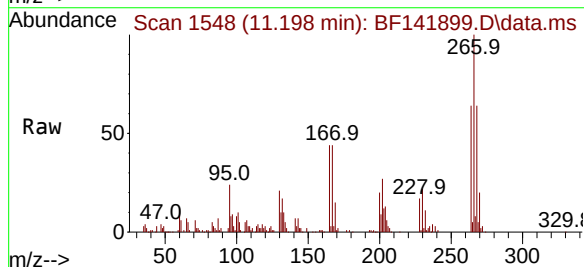
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

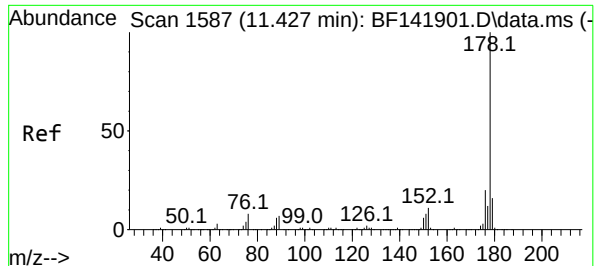
Tgt Ion:200 Resp: 102822
Ion Ratio Lower Upper
200 100
173 24.3 4.7 44.7
215 45.0 25.4 65.4



#70
Pentachlorophenol
Concen: 8.909 ng
RT: 11.198 min Scan# 1548
Delta R.T. -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:266 Resp: 73112
Ion Ratio Lower Upper
266 100
268 64.0 51.0 76.6
264 64.3 50.2 75.2

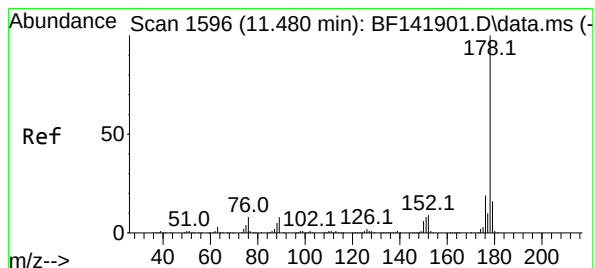
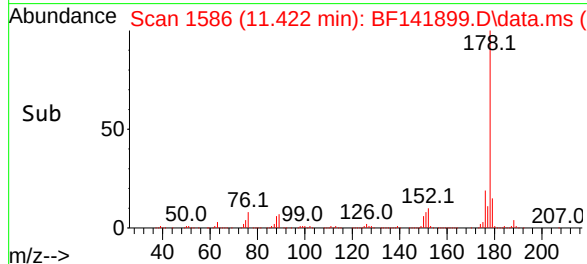
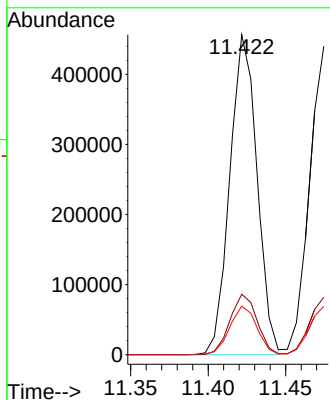
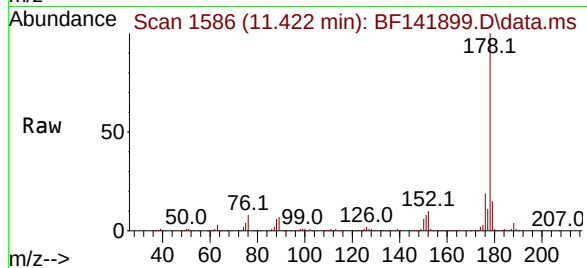




#71
Phenanthrene
Concen: 10.646 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

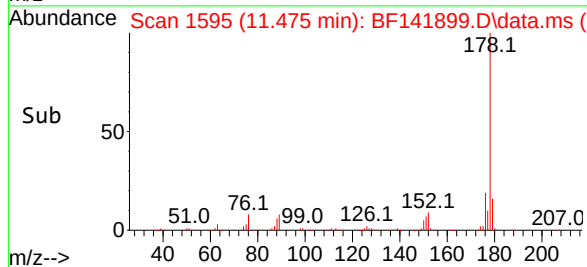
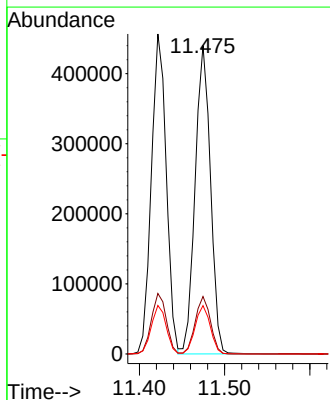
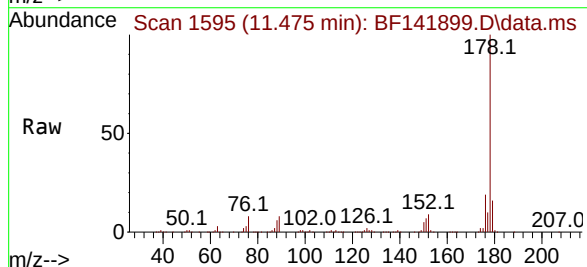
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

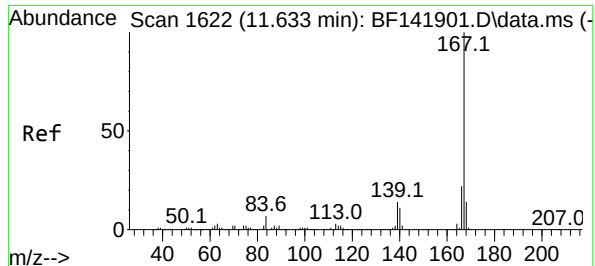
Tgt Ion:178 Resp: 556546
Ion Ratio Lower Upper
178 100
176 18.9 15.8 23.8
179 15.2 12.6 19.0



#72
Anthracene
Concen: 10.501 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:178 Resp: 550767
Ion Ratio Lower Upper
178 100
176 18.6 15.1 22.7
179 15.7 12.6 19.0

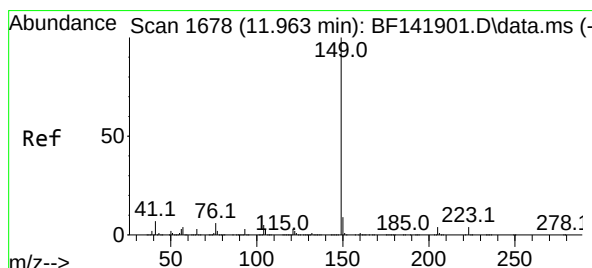
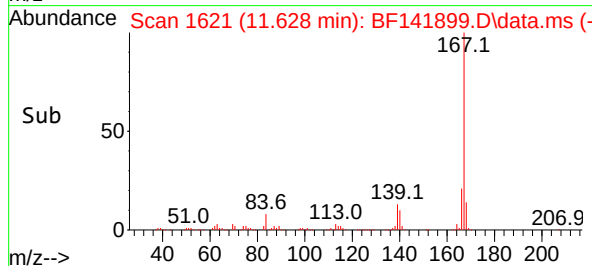
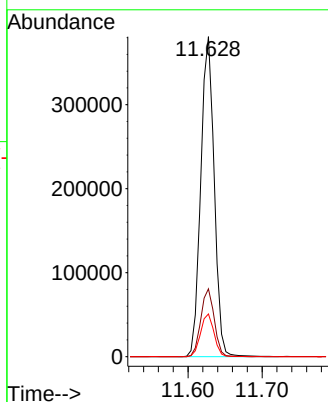
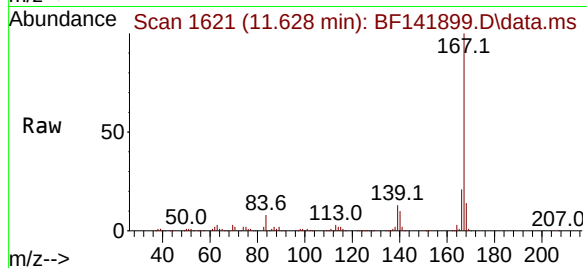




#73
Carbazole
Concen: 10.641 ng
RT: 11.628 min Scan# 1621
Delta R.T. -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

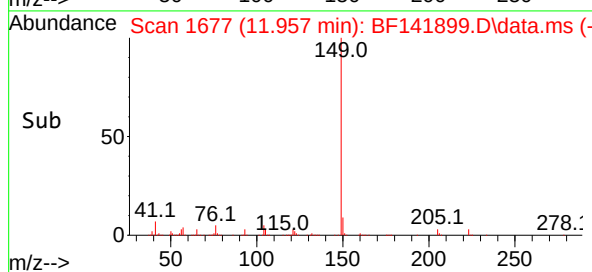
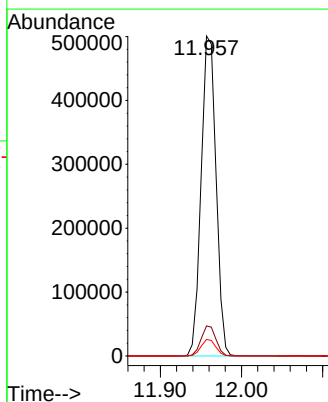
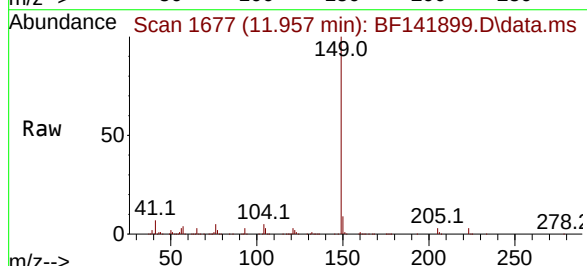
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

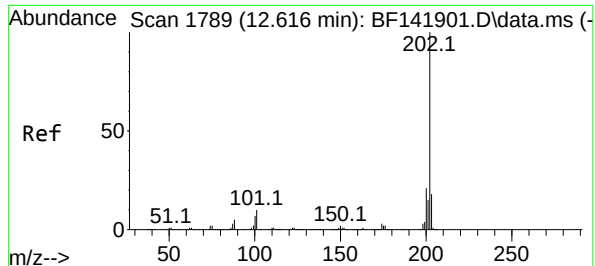
Tgt Ion:167 Resp: 480520
Ion Ratio Lower Upper
167 100
166 21.2 17.4 26.2
139 13.3 11.0 16.6



#74
Di-n-butylphthalate
Concen: 10.708 ng
RT: 11.957 min Scan# 1677
Delta R.T. -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:149 Resp: 638429
Ion Ratio Lower Upper
149 100
150 9.4 7.6 11.4
104 5.2 4.4 6.6

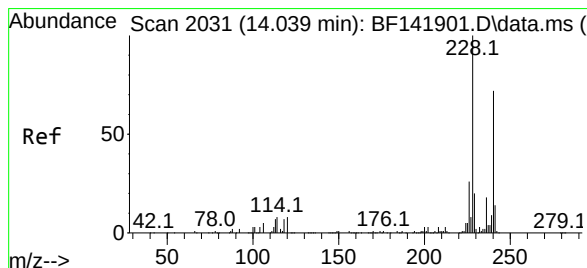
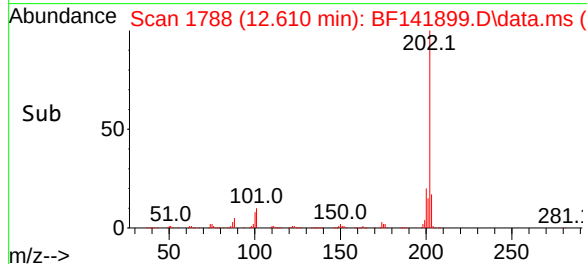
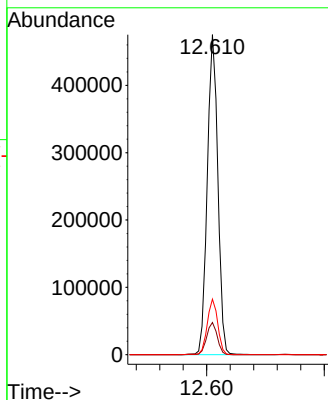
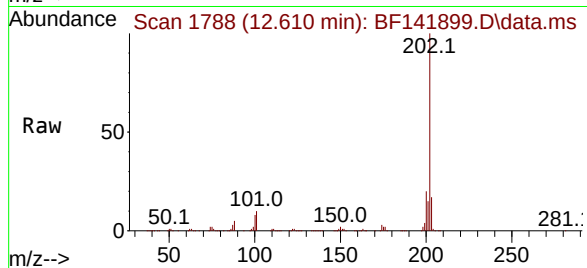




#75
Fluoranthene
Concen: 10.801 ng
RT: 12.610 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

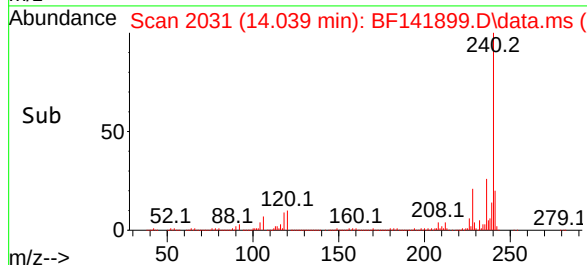
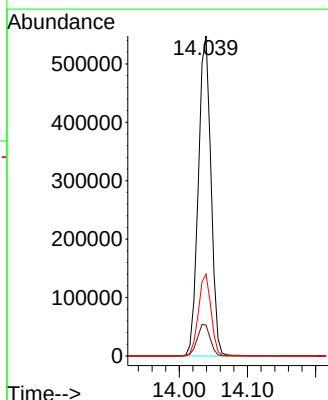
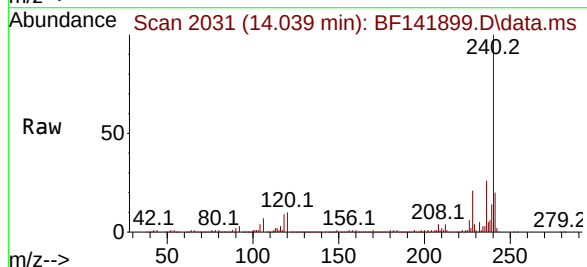
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

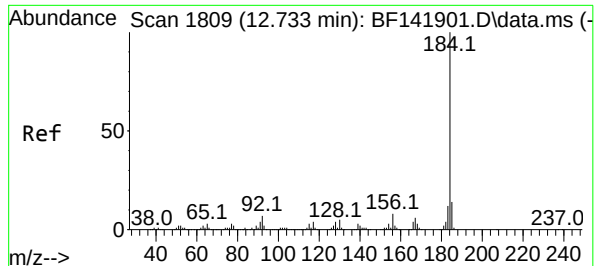
Tgt Ion:202 Resp: 592806
Ion Ratio Lower Upper
202 100
101 10.1 0.0 29.7
203 17.4 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:240 Resp: 703100
Ion Ratio Lower Upper
240 100
120 9.7 8.4 12.6
236 25.5 20.5 30.7





#77

Benzidine

Concen: 10.946 ng

RT: 12.733 min Scan# 1809

Delta R.T. 0.000 min

Lab File: BF141899.D

Acq: 10 Mar 2025 12:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

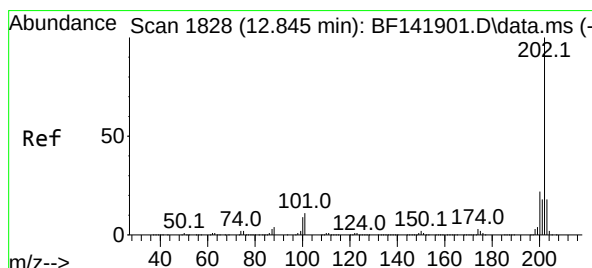
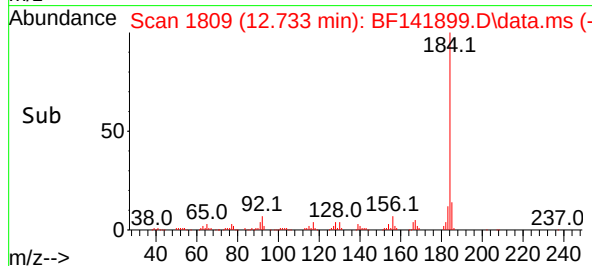
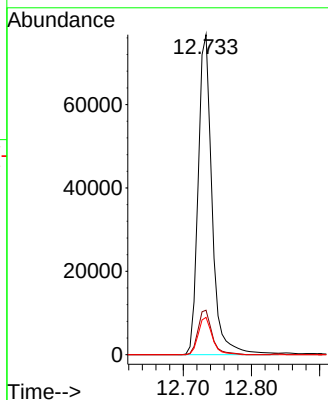
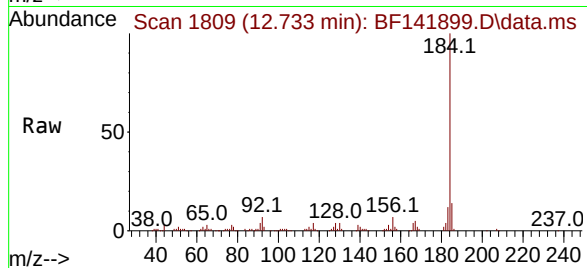
Tgt Ion:184 Resp: 108761

Ion Ratio Lower Upper

184 100

185 13.9 11.5 17.3

183 11.6 9.7 14.5



#78

Pyrene

Concen: 9.626 ng

RT: 12.839 min Scan# 1827

Delta R.T. -0.006 min

Lab File: BF141899.D

Acq: 10 Mar 2025 12:00

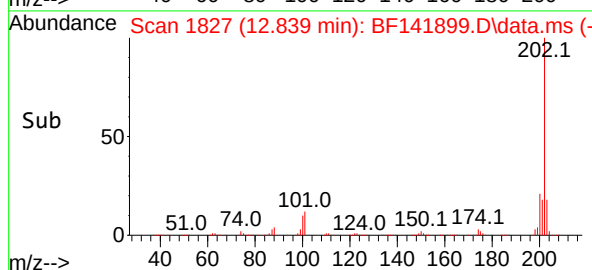
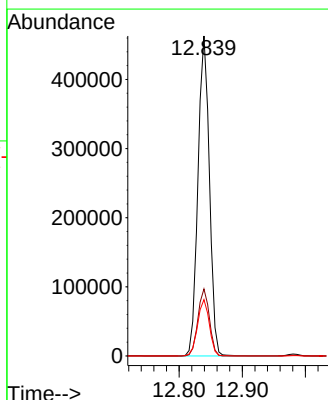
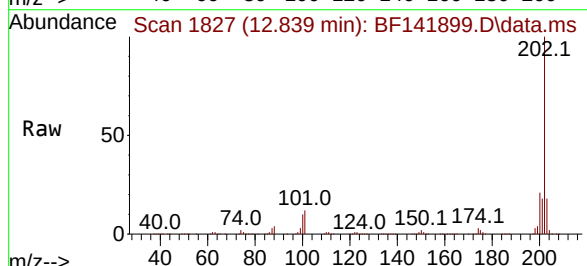
Tgt Ion:202 Resp: 580442

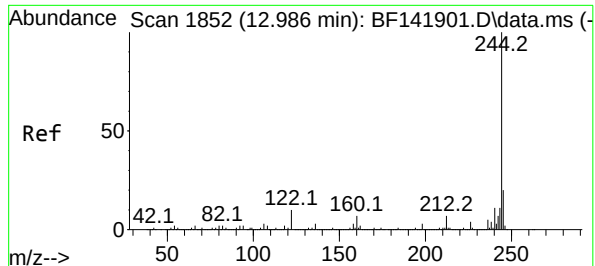
Ion Ratio Lower Upper

202 100

200 20.9 17.3 25.9

203 17.6 14.4 21.6





#79

Terphenyl-d14

Concen: 19.345 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BF141899.D

Acq: 10 Mar 2025 12:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

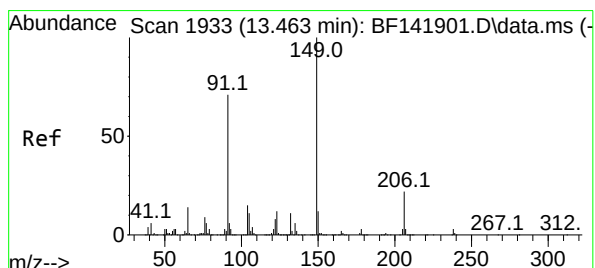
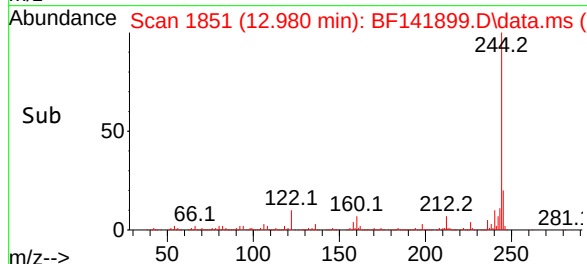
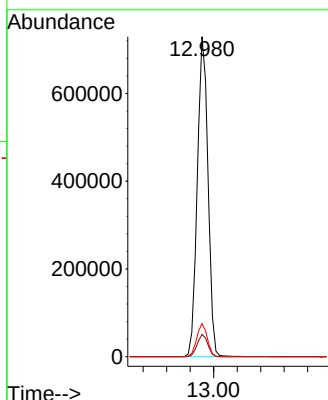
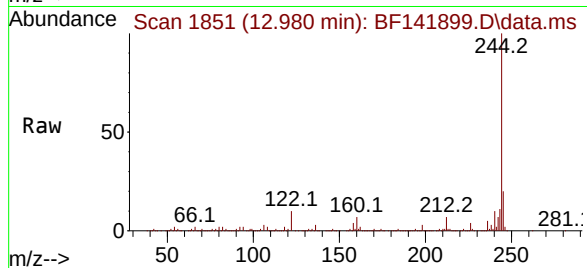
Tgt Ion:244 Resp: 920159

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

122 10.3 7.7 11.5



#80

Butylbenzylphthalate

Concen: 9.710 ng

RT: 13.457 min Scan# 1932

Delta R.T. -0.006 min

Lab File: BF141899.D

Acq: 10 Mar 2025 12:00

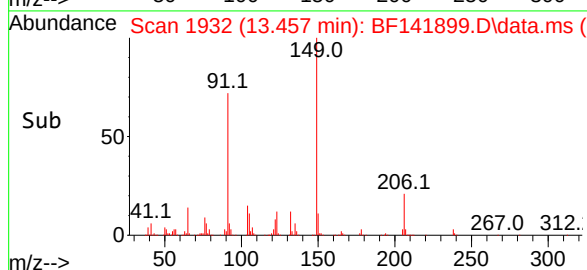
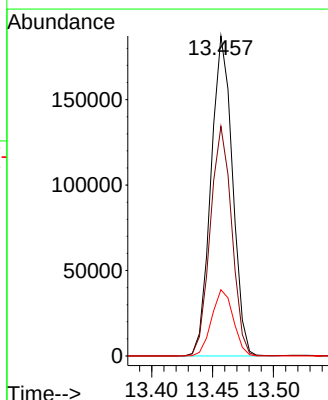
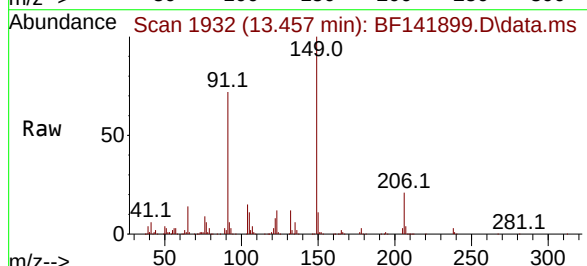
Tgt Ion:149 Resp: 230714

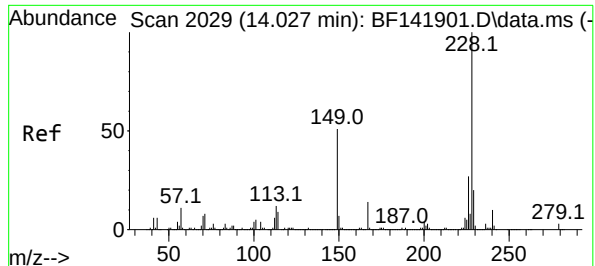
Ion Ratio Lower Upper

149 100

91 71.8 56.5 84.7

206 20.7 17.3 25.9

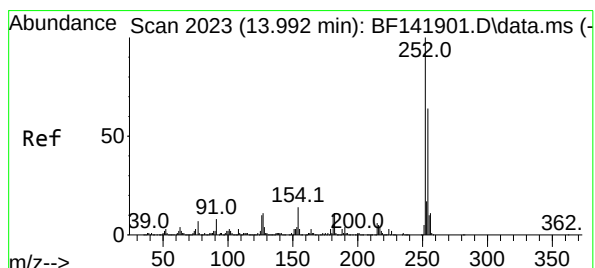
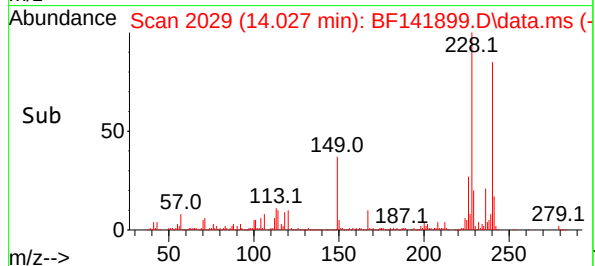
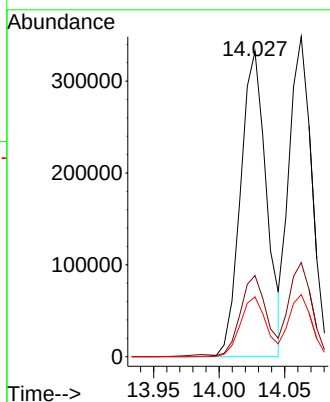
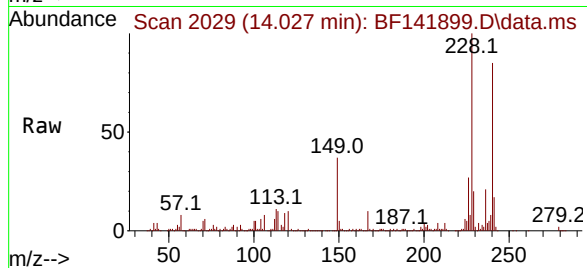




#81
Benzo(a)anthracene
Concen: 9.911 ng
RT: 14.027 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

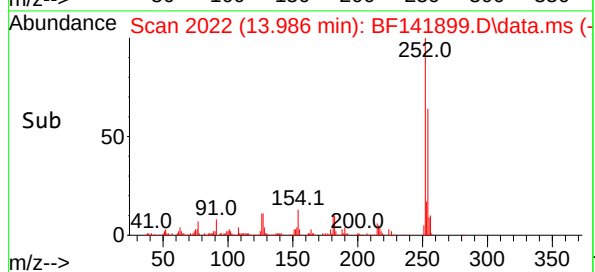
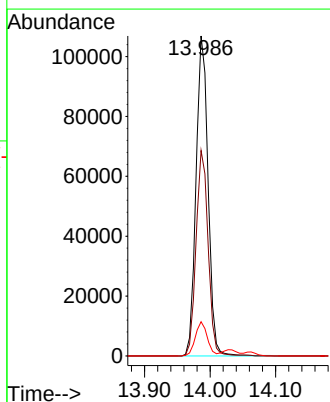
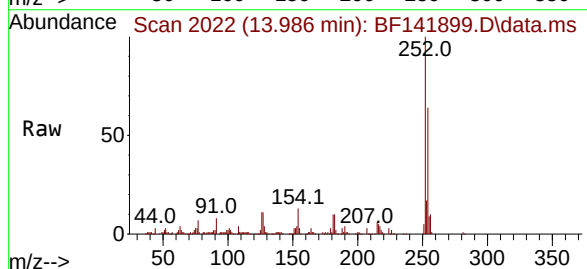
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

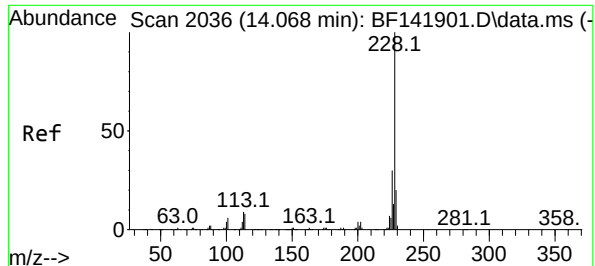
Tgt Ion:228 Resp: 458422
Ion Ratio Lower Upper
228 100
226 26.6 21.8 32.8
229 19.6 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 10.236 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:252 Resp: 136843
Ion Ratio Lower Upper
252 100
254 64.2 51.0 76.6
126 10.7 8.4 12.6





#83

Chrysene

Concen: 10.100 ng

RT: 14.063 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BF141899.D

Acq: 10 Mar 2025 12:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

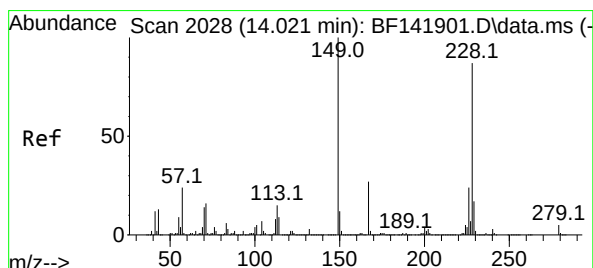
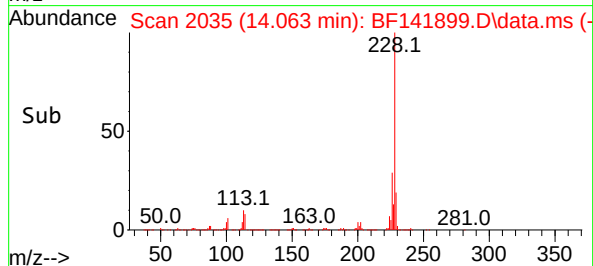
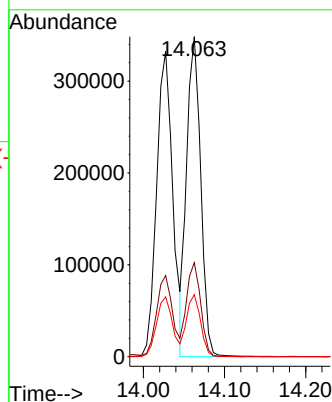
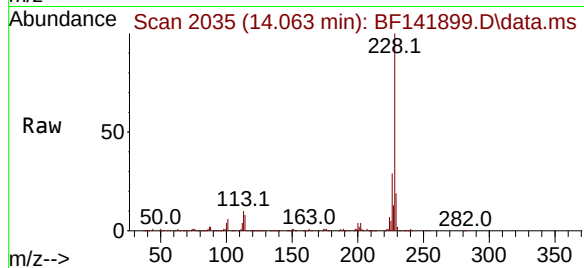
Tgt Ion:228 Resp: 419687

Ion Ratio Lower Upper

228 100

226 29.4 24.1 36.1

229 19.4 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.833 ng

RT: 14.016 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF141899.D

Acq: 10 Mar 2025 12:00

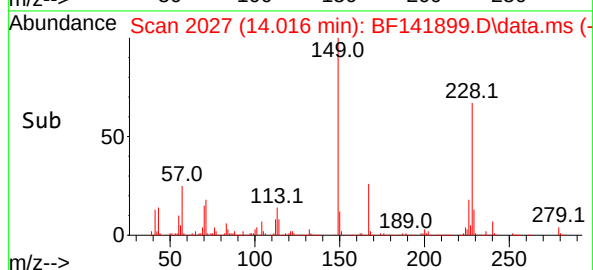
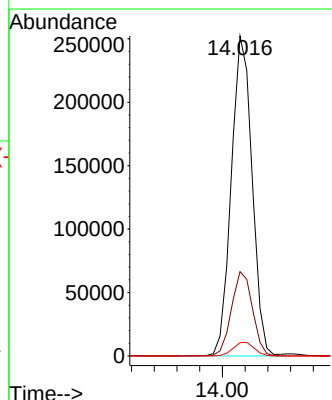
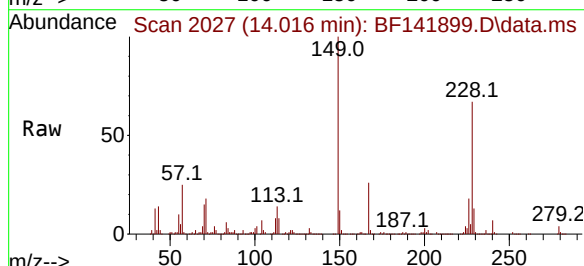
Tgt Ion:149 Resp: 320536

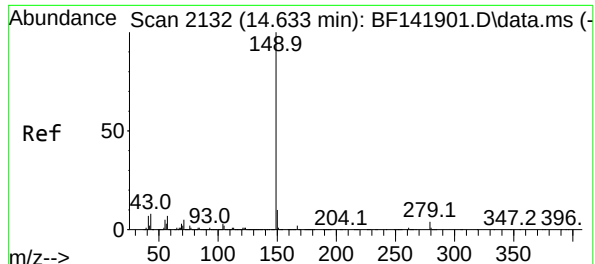
Ion Ratio Lower Upper

149 100

167 26.4 21.4 32.0

279 4.1 3.8 5.6

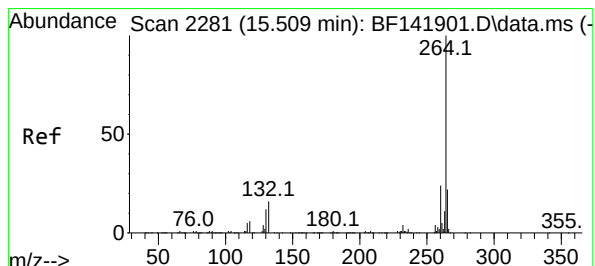
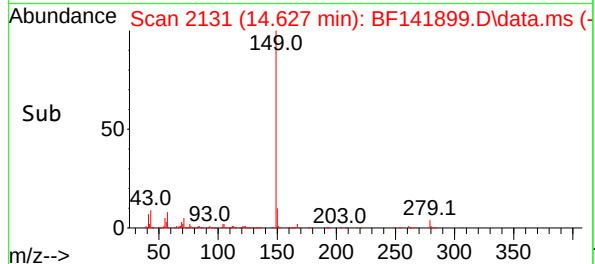
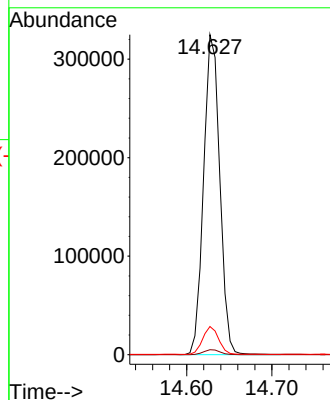
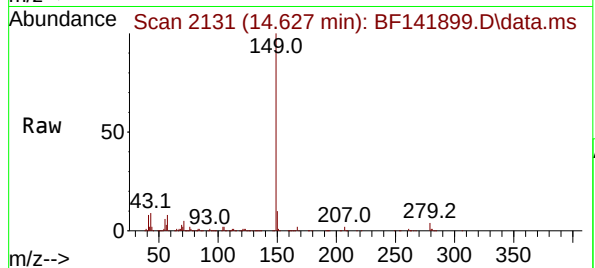




#85
Di-n-octyl phthalate
Concen: 9.442 ng
RT: 14.627 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

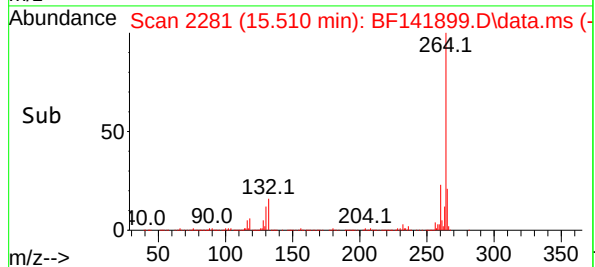
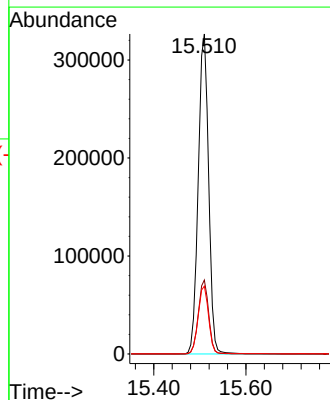
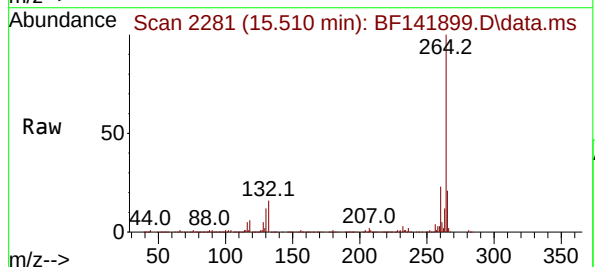
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

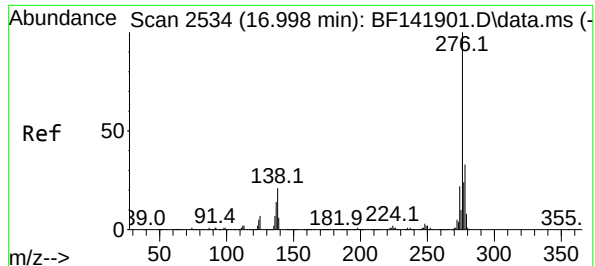
Tgt Ion:149 Resp: 428377
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.6 6.9 10.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 2281
Delta R.T. 0.000 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:264 Resp: 510790
Ion Ratio Lower Upper
264 100
260 23.1 19.1 28.7
265 21.2 17.5 26.3

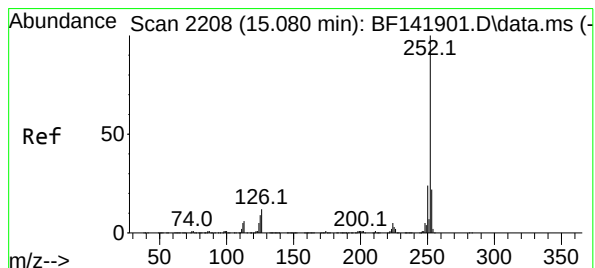
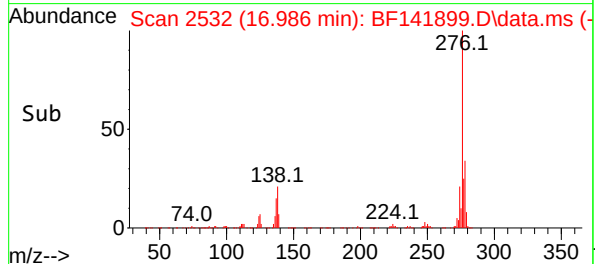
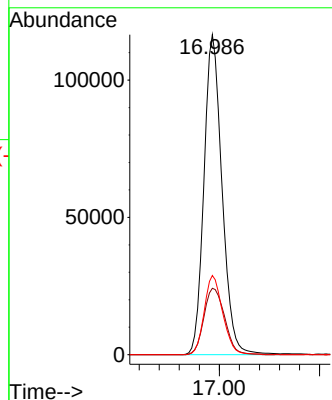
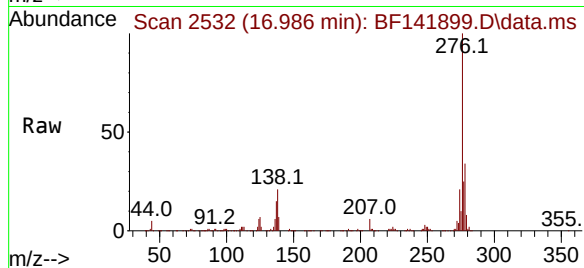




#87
Indeno(1,2,3-cd)pyrene
Concen: 8.807 ng
RT: 16.986 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

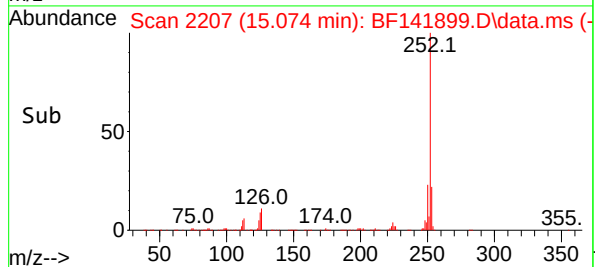
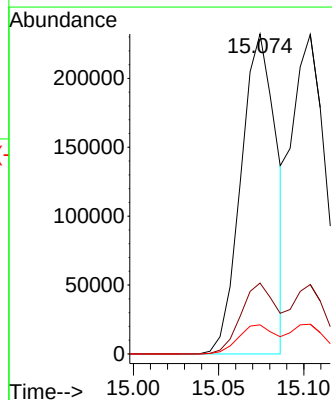
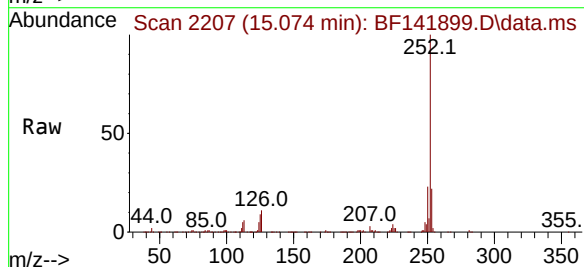
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

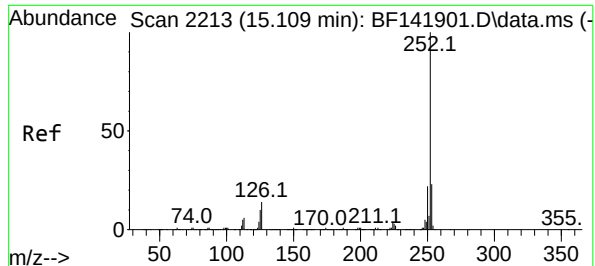
Tgt Ion:276 Resp: 291723
Ion Ratio Lower Upper
276 100
138 23.8 18.4 27.6
277 25.3 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 9.659 ng
RT: 15.074 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:252 Resp: 334664
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 9.1 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 10.698 ng

RT: 15.104 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF141899.D

Acq: 10 Mar 2025 12:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

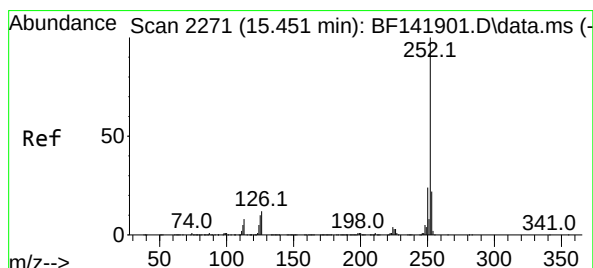
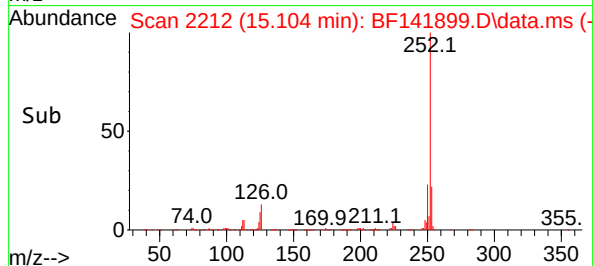
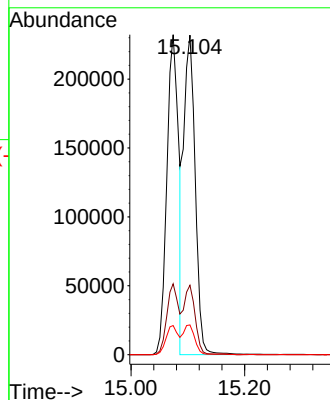
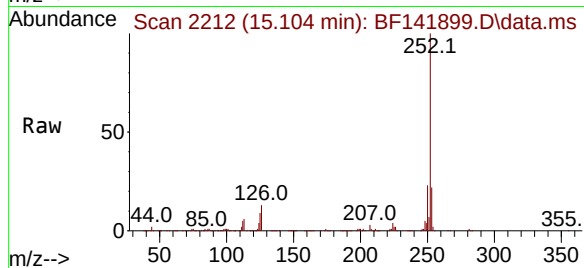
Tgt Ion:252 Resp: 323772

Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 9.3 7.2 10.8



#90

Benzo(a)pyrene

Concen: 9.740 ng

RT: 15.439 min Scan# 2269

Delta R.T. -0.012 min

Lab File: BF141899.D

Acq: 10 Mar 2025 12:00

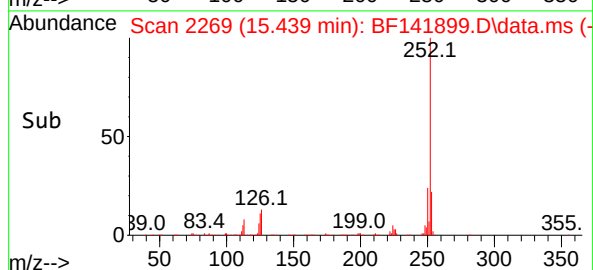
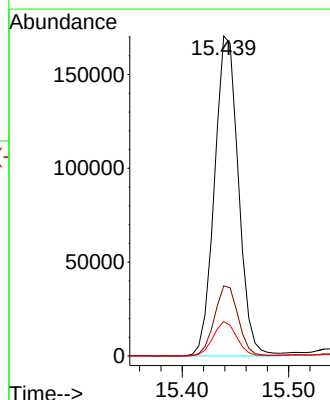
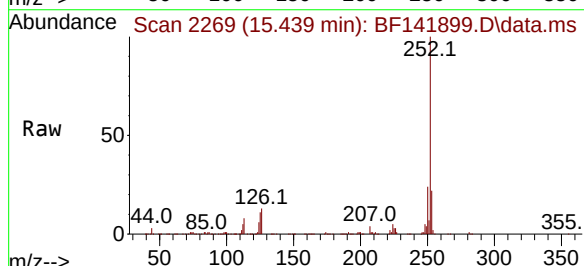
Tgt Ion:252 Resp: 266149

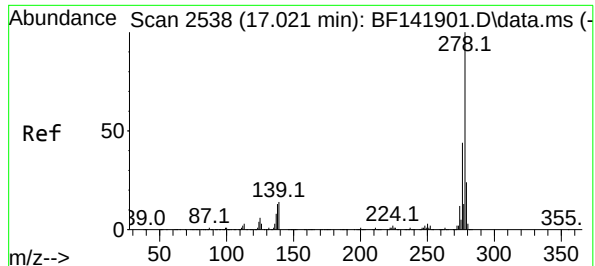
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 10.7 7.8 11.8

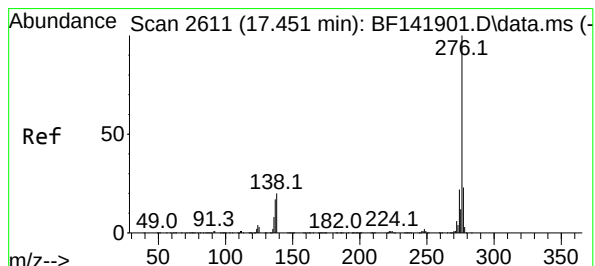
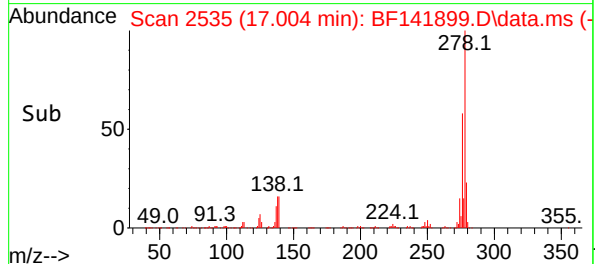
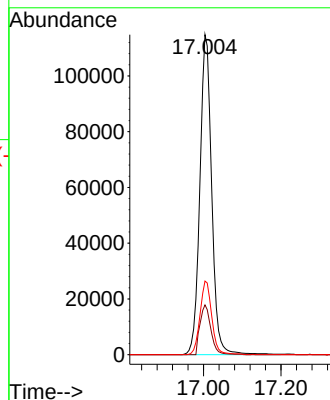
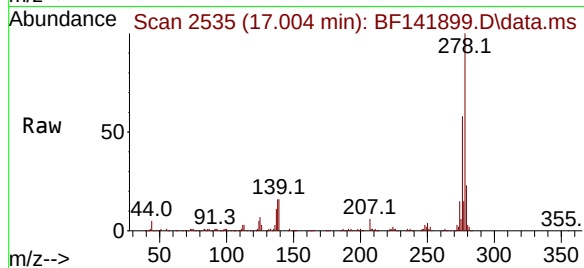




#91
Dibenzo(a,h)anthracene
Concen: 8.907 ng
RT: 17.004 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

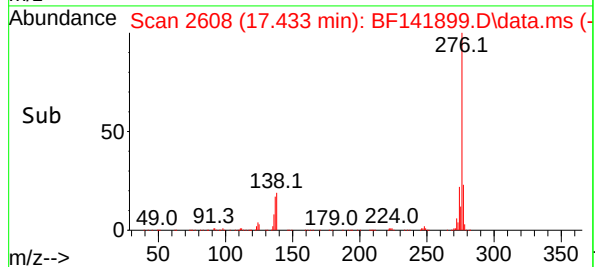
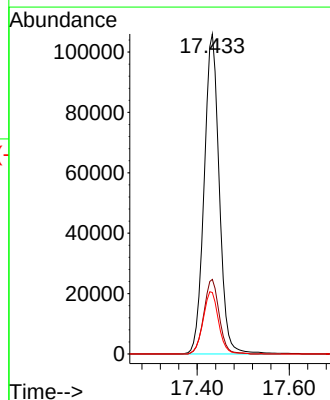
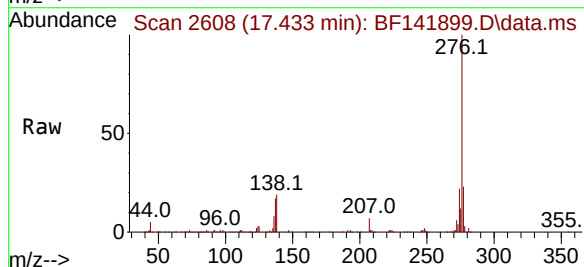
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:278 Resp: 243443
Ion Ratio Lower Upper
278 100
139 15.5 11.4 17.2
279 23.0 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 8.941 ng
RT: 17.433 min Scan# 2608
Delta R.T. -0.018 min
Lab File: BF141899.D
Acq: 10 Mar 2025 12:00

Tgt Ion:276 Resp: 242380
Ion Ratio Lower Upper
276 100
277 23.3 18.7 28.1
138 19.2 15.8 23.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
 Data File : BF141900.D
 Acq On : 10 Mar 2025 12:29
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Quant Time: Mar 10 15:34:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:01:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	198053	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	797548	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	470833	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	826085	20.000	ng	0.00
76) Chrysene-d12	14.039	240	581591	20.000	ng	0.00
86) Perylene-d12	15.509	264	428960	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	514189	43.318	ng	0.00
7) Phenol-d6	6.498	99	651272	43.079	ng	0.00
23) Nitrobenzene-d5	7.439	82	604270	42.465	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	243832	40.869	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1298709	42.002	ng	0.00
79) Terphenyl-d14	12.986	244	1582373	40.218	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.669	88	106079	21.323	ng	99
3) Pyridine	3.434	79	264229	21.612	ng	100
4) n-Nitrosodimethylamine	3.375	42	122948	21.155	ng	99
6) Aniline	6.539	93	324802	21.763	ng	99
8) 2-Chlorophenol	6.663	128	284082	21.592	ng	99
9) Benzaldehyde	6.428	77	193024	22.843	ng	98
10) Phenol	6.510	94	346008	21.692	ng	97
11) bis(2-Chloroethyl)ether	6.610	93	253793	21.236	ng	98
12) 1,3-Dichlorobenzene	6.822	146	304632	21.426	ng	98
13) 1,4-Dichlorobenzene	6.898	146	306665	21.319	ng	100
14) 1,2-Dichlorobenzene	7.051	146	289199	21.349	ng	99
15) Benzyl Alcohol	7.016	79	261893	21.402	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	303847	21.095	ng	99
17) 2-Methylphenol	7.122	107	222173	21.248	ng	97
18) Hexachloroethane	7.392	117	114019	21.141	ng	99
19) n-Nitroso-di-n-propyla...	7.286	70	206654	21.268	ng	97
20) 3+4-Methylphenols	7.275	107	291065	21.702	ng	99
22) Acetophenone	7.286	105	409149	21.385	ng	99
24) Nitrobenzene	7.457	77	299046	21.196	ng	99
25) Isophorone	7.698	82	522239	20.788	ng	100
26) 2-Nitrophenol	7.775	139	144979	20.970	ng	99
27) 2,4-Dimethylphenol	7.804	122	200058	21.009	ng	100
28) bis(2-Chloroethoxy)met...	7.904	93	331966	21.093	ng	99
29) 2,4-Dichlorophenol	8.010	162	246810	20.884	ng	100
30) 1,2,4-Trichlorobenzene	8.098	180	272773	20.922	ng	97
31) Naphthalene	8.181	128	877897	21.487	ng	99
32) Benzoic acid	7.892	122	152420	18.313	ng	99
33) 4-Chloroaniline	8.228	127	313249	21.726	ng	98
34) Hexachlorobutadiene	8.298	225	176253	20.791	ng	99
35) Caprolactam	8.580	113	75048	20.884	ng	99
36) 4-Chloro-3-methylphenol	8.698	107	278207	21.168	ng	100
37) 2-Methylnaphthalene	8.875	142	584552	21.324	ng	99
38) 1-Methylnaphthalene	8.975	142	575428	21.677	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	294845	20.538	ng	99
41) Hexachlorocyclopentadiene	9.028	237	117174	20.685	ng	100
43) 2,4,6-Trichlorophenol	9.145	196	189069	20.203	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
 Data File : BF141900.D
 Acq On : 10 Mar 2025 12:29
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

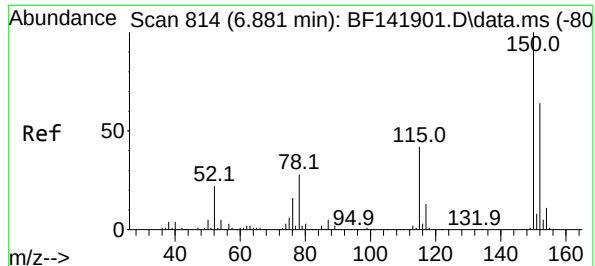
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:01:52 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	198841	20.912	ng	99
46) 1,1'-Biphenyl	9.333	154	749087	20.985	ng	100
47) 2-Chloronaphthalene	9.363	162	555946	20.898	ng	98
48) 2-Nitroaniline	9.451	65	162790	21.302	ng	97
49) Acenaphthylene	9.775	152	837016	21.222	ng	99
50) Dimethylphthalate	9.633	163	691454	21.137	ng	100
51) 2,6-Dinitrotoluene	9.692	165	143513	21.096	ng	100
52) Acenaphthene	9.951	154	579623	20.813	ng	98
53) 3-Nitroaniline	9.863	138	148977	21.327	ng	98
54) 2,4-Dinitrophenol	9.963	184	58223	20.368	ng	# 33
55) Dibenzofuran	10.122	168	843359	21.238	ng	98
56) 4-Nitrophenol	10.010	139	109958	20.955	ng	100
57) 2,4-Dinitrotoluene	10.098	165	189234	21.132	ng	98
58) Fluorene	10.463	166	650245	21.211	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	183513	21.272	ng	99
60) Diethylphthalate	10.333	149	704993	21.468	ng	100
61) 4-Chlorophenyl-phenylether	10.457	204	330489	20.698	ng	99
62) 4-Nitroaniline	10.474	138	142995	21.125	ng	99
63) Azobenzene	10.616	77	660935	21.665	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	91852	18.755	ng	98
66) n-Nitrosodiphenylamine	10.569	169	553905	20.756	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	210241	20.436	ng	100
68) Hexachlorobenzene	11.010	284	234399	20.613	ng	99
69) Atrazine	11.092	200	159306	24.481	ng	99
70) Pentachlorophenol	11.198	266	141842	20.227	ng	100
71) Phenanthrene	11.427	178	939782	21.038	ng	99
72) Anthracene	11.474	178	940875	20.993	ng	99
73) Carbazole	11.627	167	813998	21.096	ng	100
74) Di-n-butylphthalate	11.963	149	1089304	21.382	ng	99
75) Fluoranthene	12.610	202	1014464	21.632	ng	100
77) Benzidine	12.733	184	110648	13.463	ng	99
78) Pyrene	12.839	202	1004157	20.133	ng	99
80) Butylbenzylphthalate	13.457	149	408044	20.761	ng	98
81) Benzo(a)anthracene	14.027	228	776120	20.285	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	221168	19.999	ng	99
83) Chrysene	14.062	228	732966	21.325	ng	100
84) Bis(2-ethylhexyl)phtha...	14.015	149	562062	20.845	ng	99
85) Di-n-octyl phthalate	14.633	149	778373	20.740	ng	100
87) Indeno(1,2,3-cd)pyrene	16.992	276	560913	20.163	ng	99
88) Benzo(b)fluoranthene	15.074	252	636808	21.886	ng	100
89) Benzo(k)fluoranthene	15.104	252	513311	20.196	ng	99
90) Benzo(a)pyrene	15.445	252	481683	20.991	ng	100
91) Dibenzo(a,h)anthracene	17.009	278	460109	20.046	ng	99
92) Benzo(g,h,i)perylene	17.439	276	455034	19.987	ng	99

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

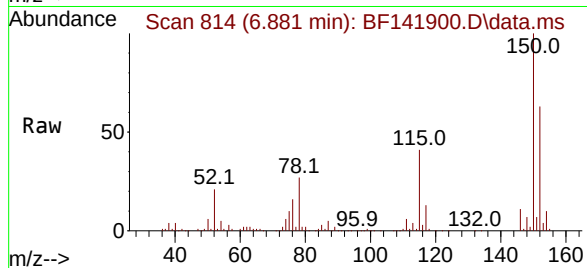
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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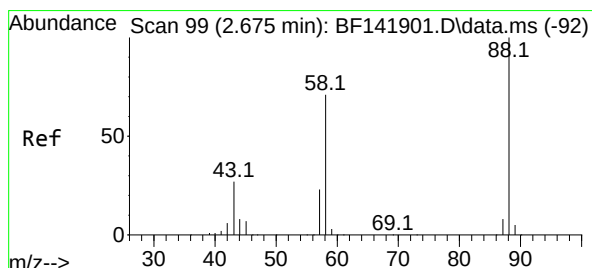
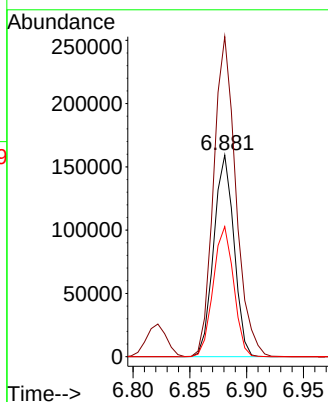
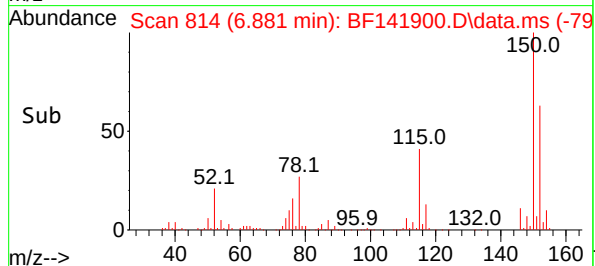


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

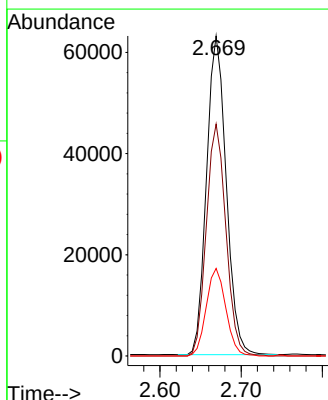
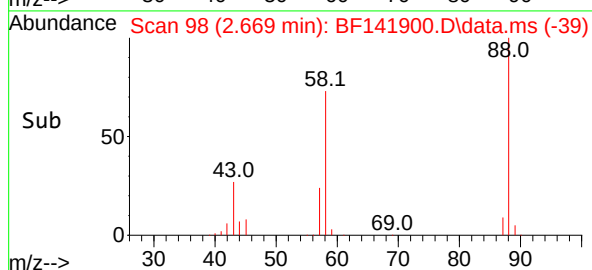
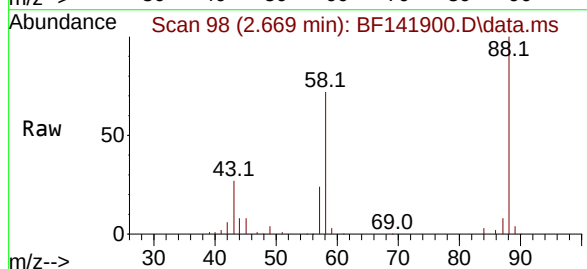


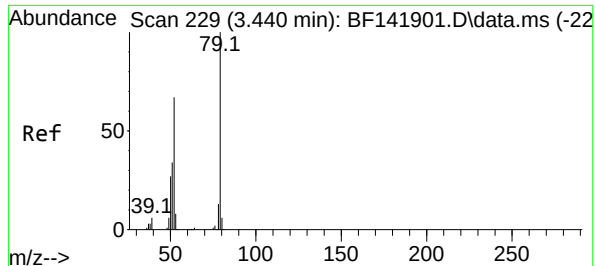
Tgt Ion:152 Resp: 198053
Ion Ratio Lower Upper
152 100
150 158.7 127.4 191.2
115 64.5 51.9 77.9



#2
1,4-Dioxane
Concen: 21.323 ng
RT: 2.669 min Scan# 98
Delta R.T. -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion: 88 Resp: 106079
Ion Ratio Lower Upper
88 100
58 72.3 57.4 86.2
43 27.4 21.5 32.3





#3

Pyridine

Concen: 21.612 ng

RT: 3.434 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF141900.D

Acq: 10 Mar 2025 12:29

Instrument :

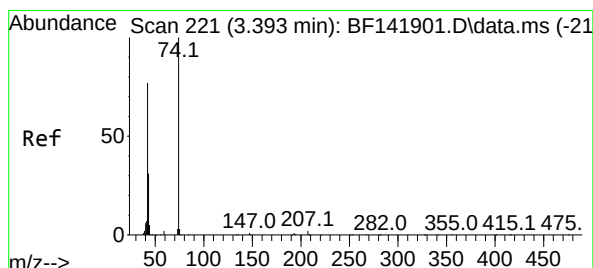
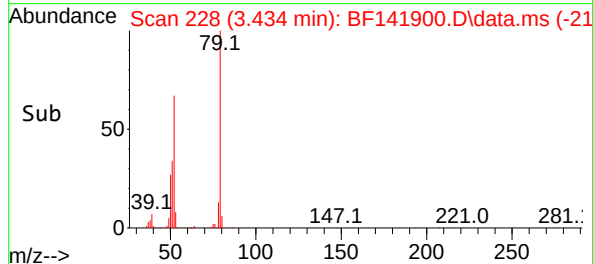
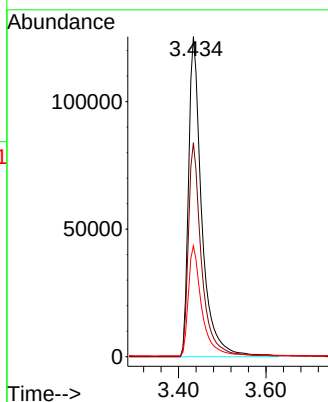
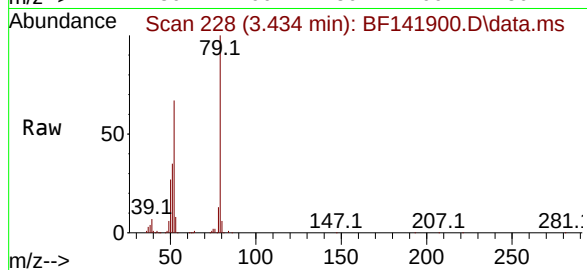
BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 79 Resp: 264229

Ion	Ratio	Lower	Upper
79	100		
52	66.8	53.3	79.9
51	34.7	27.6	41.4



#4

n-Nitrosodimethylamine

Concen: 21.155 ng

RT: 3.375 min Scan# 218

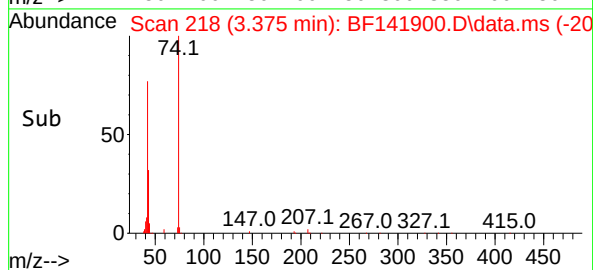
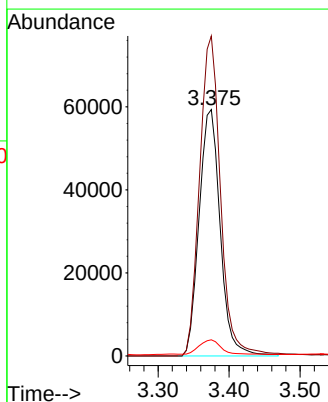
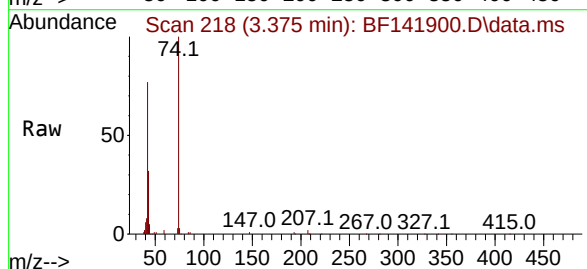
Delta R.T. -0.018 min

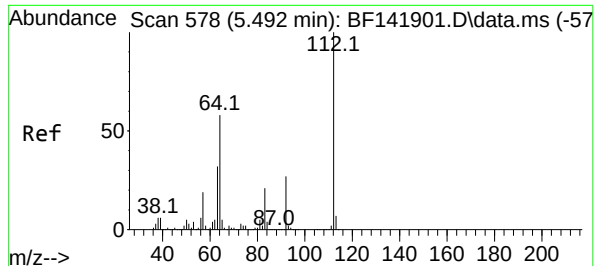
Lab File: BF141900.D

Acq: 10 Mar 2025 12:29

Tgt Ion: 42 Resp: 122948

Ion	Ratio	Lower	Upper
42	100		
74	129.9	103.4	155.0
44	6.5	5.0	7.4

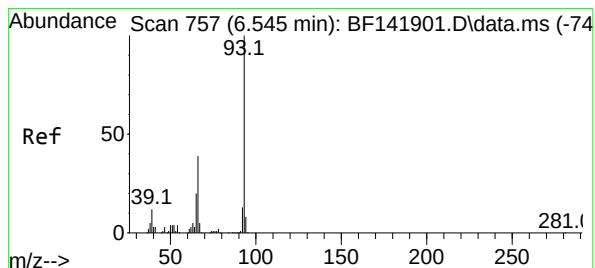
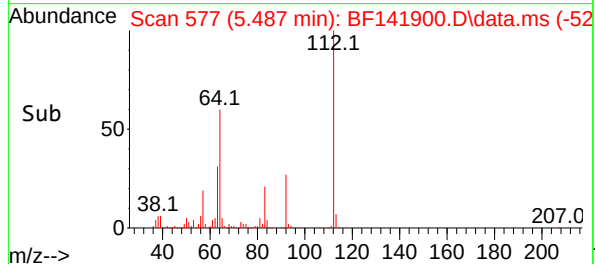
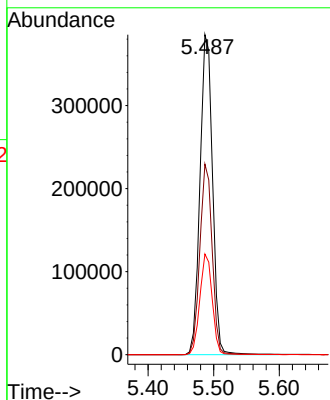
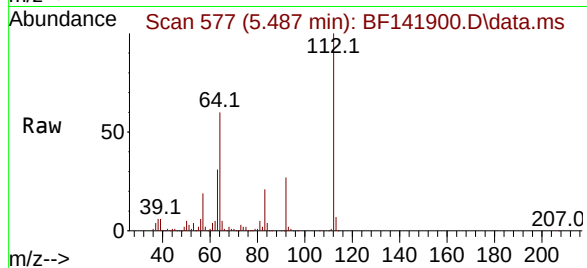




#5
2-Fluorophenol
Concen: 43.318 ng
RT: 5.487 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

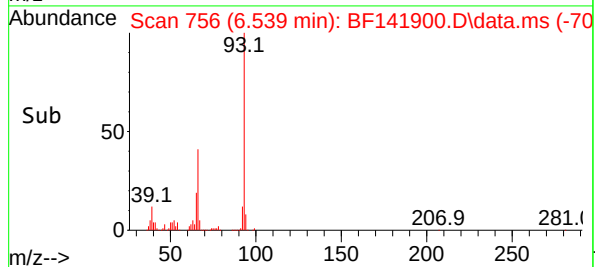
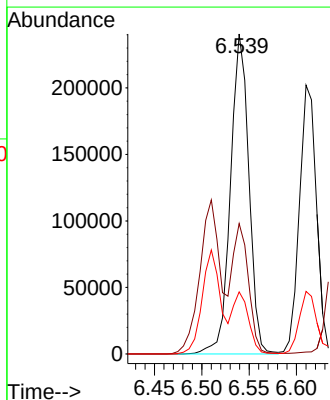
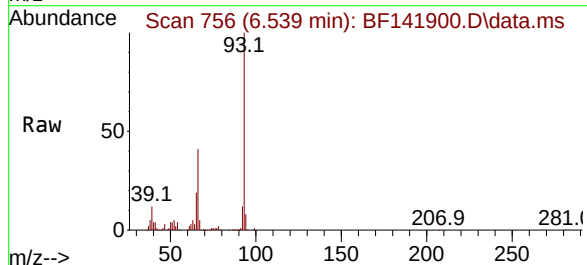
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

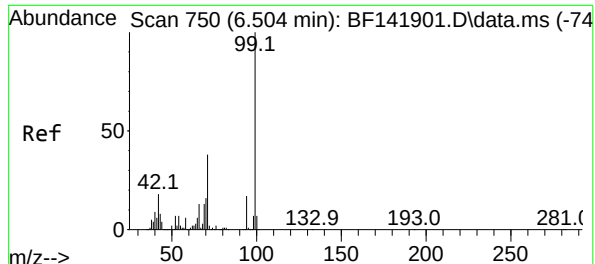
Tgt Ion:112 Resp: 514189
Ion Ratio Lower Upper
112 100
64 59.5 46.5 69.7
63 31.4 25.4 38.2



#6
Aniline
Concen: 21.763 ng
RT: 6.539 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion: 93 Resp: 324802
Ion Ratio Lower Upper
93 100
66 40.8 31.9 47.9
65 19.4 15.8 23.6

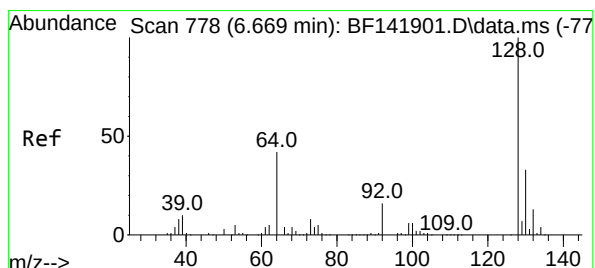
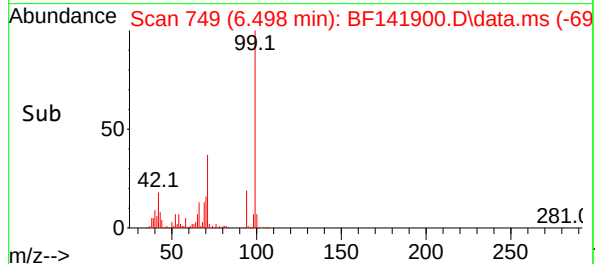
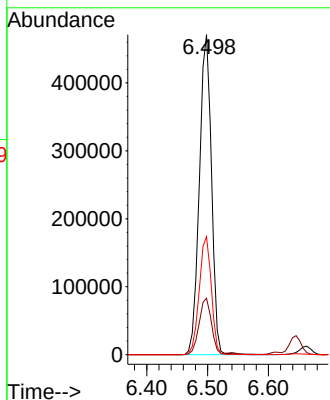
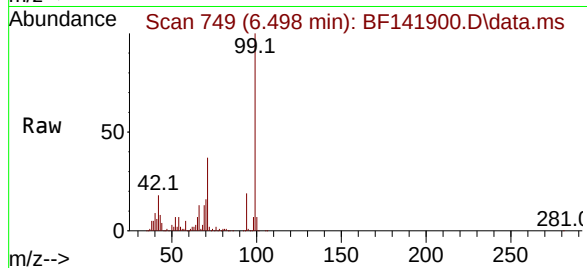




#7
Phenol-d6
Concen: 43.079 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

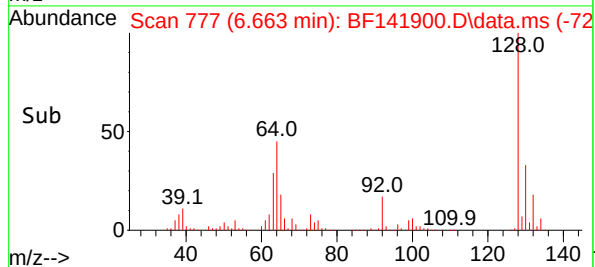
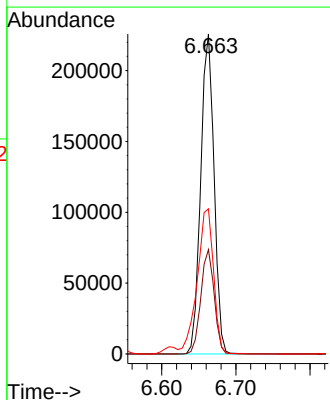
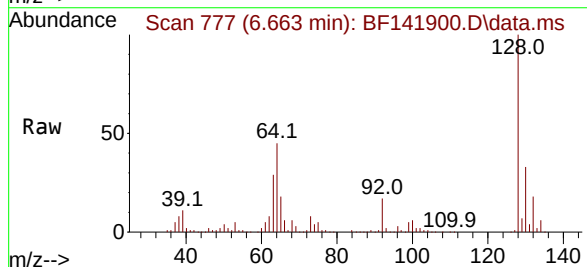
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

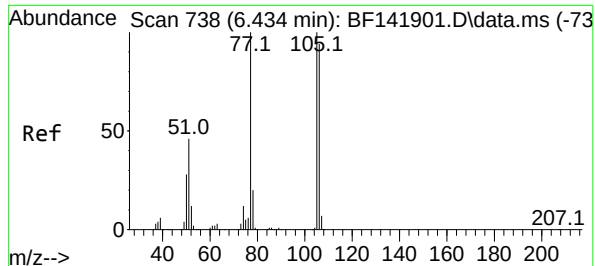
Tgt Ion: 99 Resp: 651272
Ion Ratio Lower Upper
99 100
42 17.6 14.6 21.8
71 36.9 30.8 46.2



#8
2-Chlorophenol
Concen: 21.592 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion: 128 Resp: 284082
Ion Ratio Lower Upper
128 100
130 32.6 12.8 52.8
64 45.4 24.4 64.4





#9

Benzaldehyde

Concen: 22.843 ng

RT: 6.428 min Scan# 710

Delta R.T. -0.006 min

Lab File: BF141900.D

Acq: 10 Mar 2025 12:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

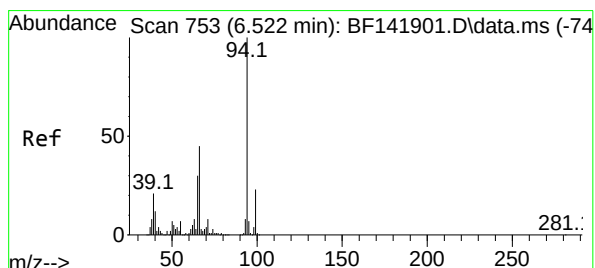
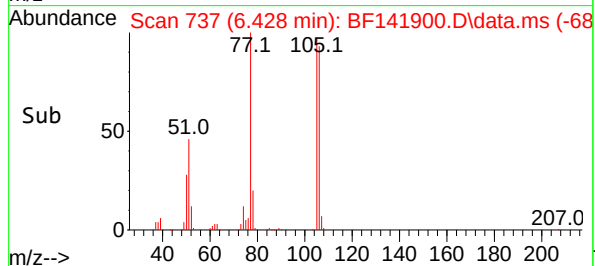
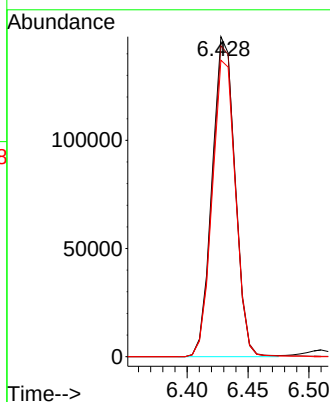
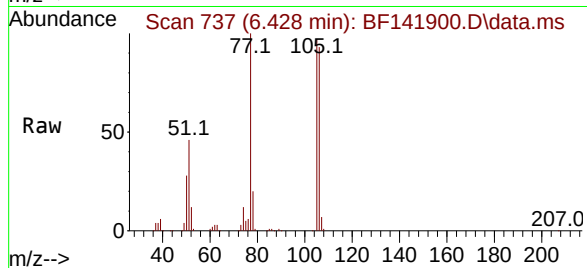
Tgt Ion: 77 Resp: 193024

Ion Ratio Lower Upper

77 100

105 97.1 80.0 120.0

106 92.6 74.5 114.5



#10

Phenol

Concen: 21.692 ng

RT: 6.510 min Scan# 751

Delta R.T. -0.012 min

Lab File: BF141900.D

Acq: 10 Mar 2025 12:29

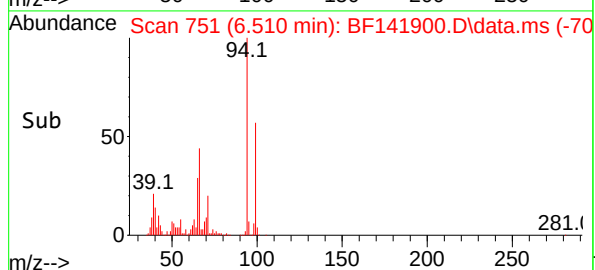
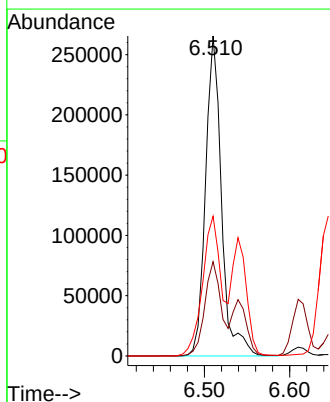
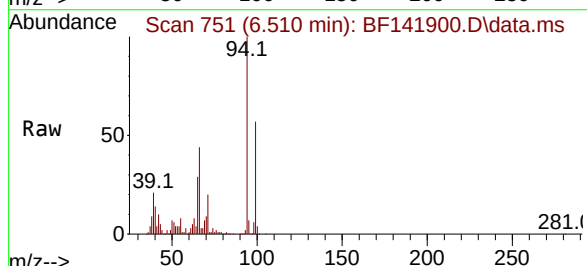
Tgt Ion: 94 Resp: 346008

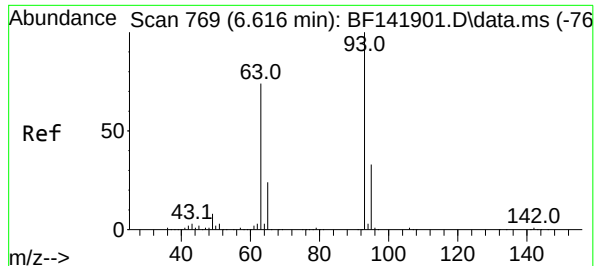
Ion Ratio Lower Upper

94 100

65 29.5 10.5 50.5

66 43.6 25.8 65.8





#11

bis(2-Chloroethyl)ether

Concen: 21.236 ng

RT: 6.610 min Scan# 769

Delta R.T. -0.006 min

Lab File: BF141900.D

Acq: 10 Mar 2025 12:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

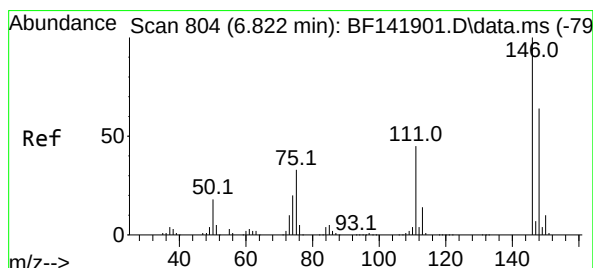
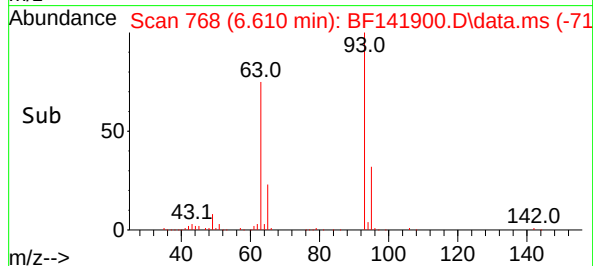
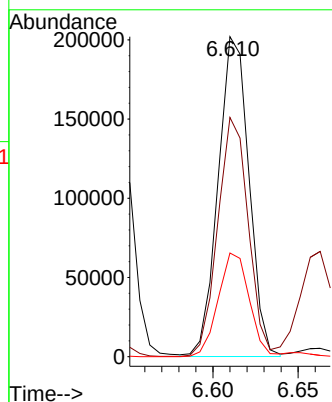
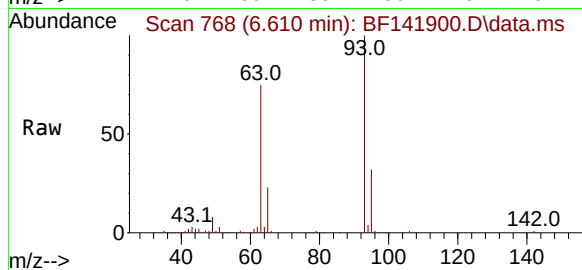
Tgt Ion: 93 Resp: 253793

Ion Ratio Lower Upper

93 100

63 74.8 53.0 93.0

95 32.4 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 21.426 ng

RT: 6.822 min Scan# 804

Delta R.T. 0.000 min

Lab File: BF141900.D

Acq: 10 Mar 2025 12:29

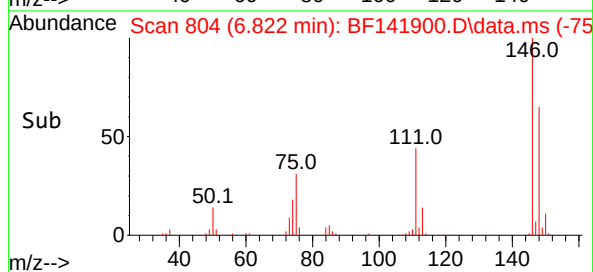
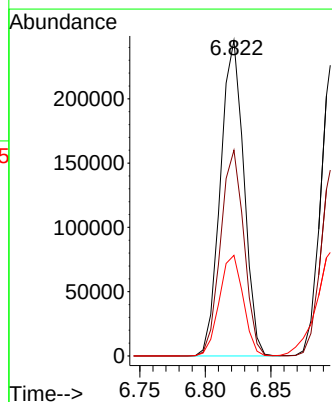
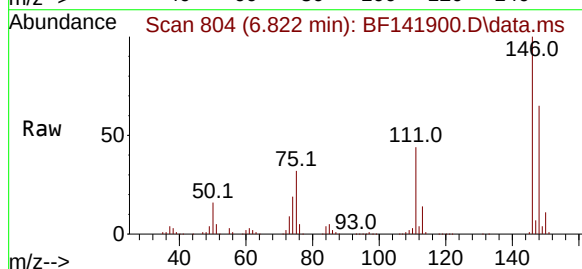
Tgt Ion:146 Resp: 304632

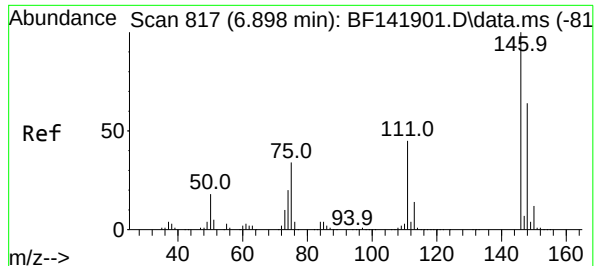
Ion Ratio Lower Upper

146 100

148 65.2 51.3 76.9

75 31.9 26.6 40.0





#13

1,4-Dichlorobenzene

Concen: 21.319 ng

RT: 6.898 min Scan# 817

Delta R.T. 0.000 min

Lab File: BF141900.D

Acq: 10 Mar 2025 12:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

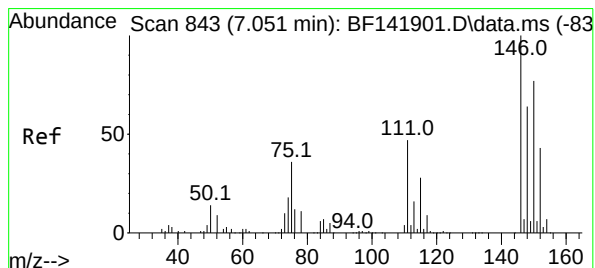
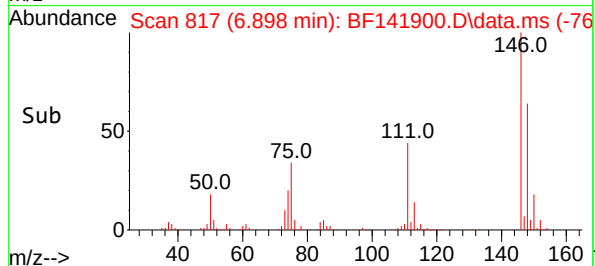
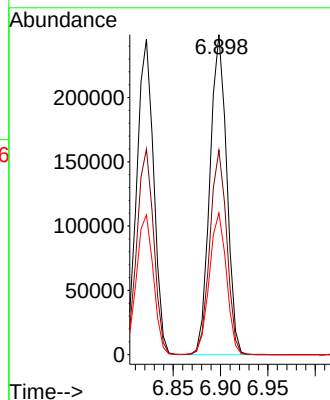
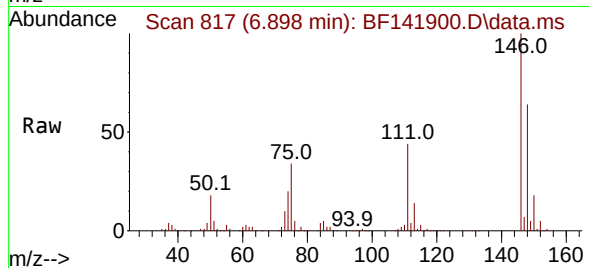
Tgt Ion:146 Resp: 306665

Ion Ratio Lower Upper

146 100

148 63.9 51.0 76.6

111 44.3 35.7 53.5



#14

1,2-Dichlorobenzene

Concen: 21.349 ng

RT: 7.051 min Scan# 843

Delta R.T. 0.000 min

Lab File: BF141900.D

Acq: 10 Mar 2025 12:29

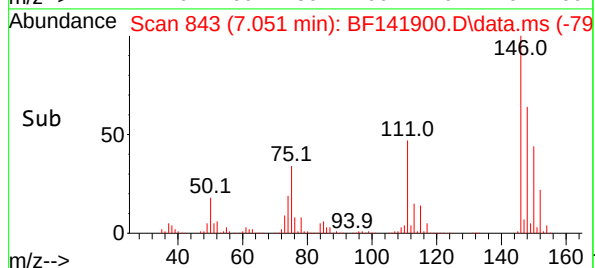
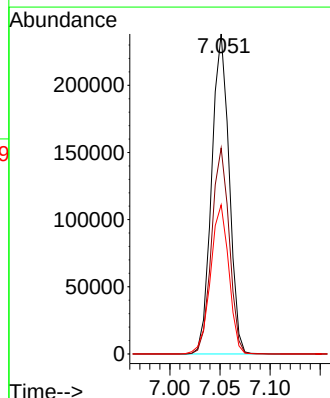
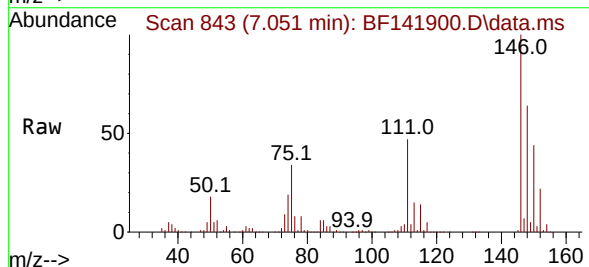
Tgt Ion:146 Resp: 289199

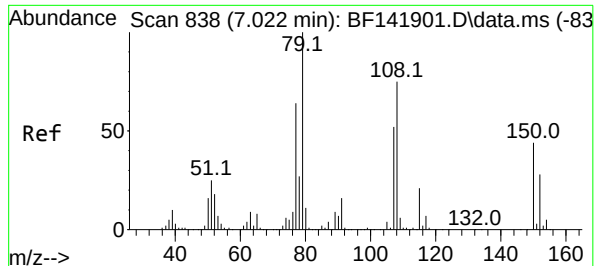
Ion Ratio Lower Upper

146 100

148 64.4 50.8 76.2

111 46.6 38.0 57.0





#15

Benzyl Alcohol

Concen: 21.402 ng

RT: 7.016 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF141900.D

Acq: 10 Mar 2025 12:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

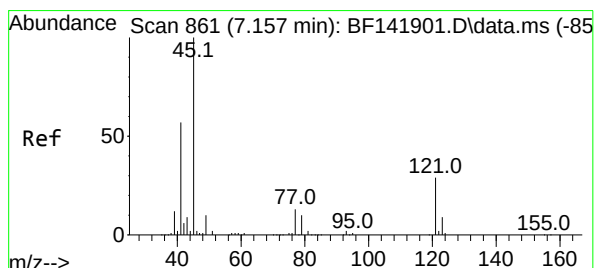
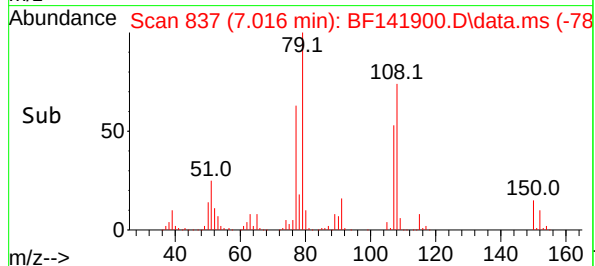
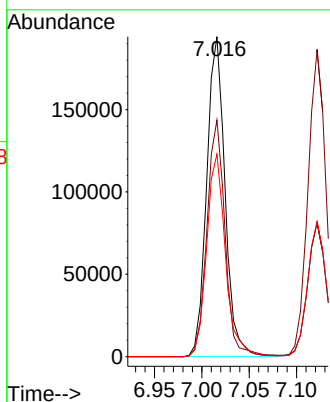
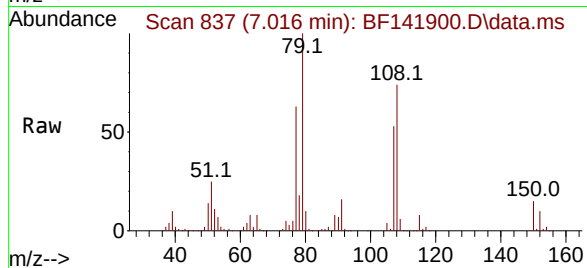
Tgt Ion: 79 Resp: 261893

Ion Ratio Lower Upper

79 100

108 73.9 59.7 89.5

77 63.3 51.0 76.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 21.095 ng

RT: 7.151 min Scan# 860

Delta R.T. -0.006 min

Lab File: BF141900.D

Acq: 10 Mar 2025 12:29

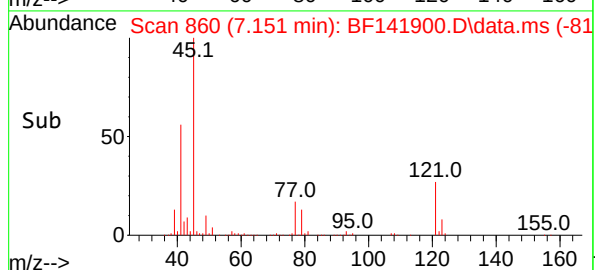
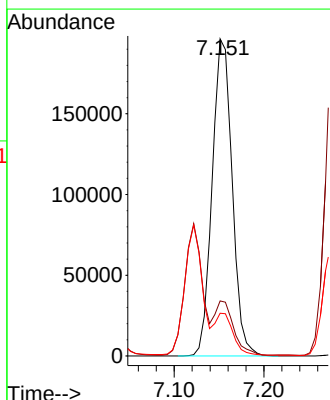
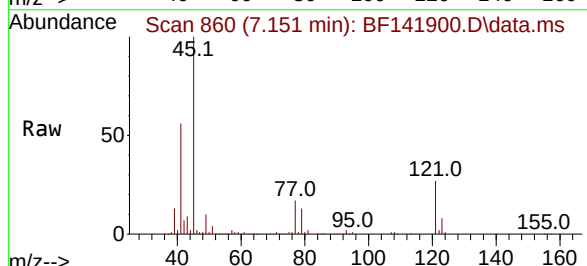
Tgt Ion: 45 Resp: 303847

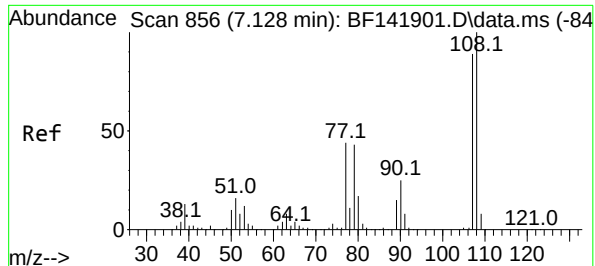
Ion Ratio Lower Upper

45 100

77 17.3 0.0 37.8

79 13.5 0.0 34.2

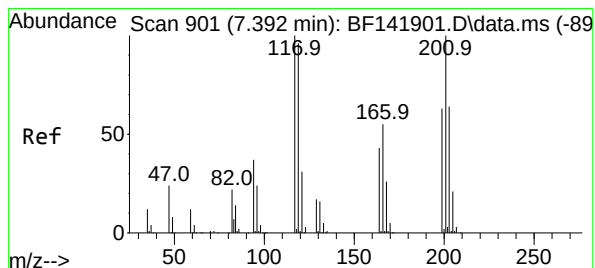
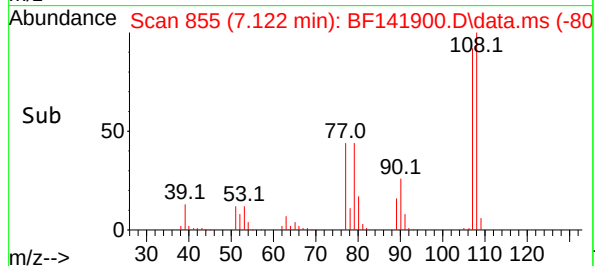
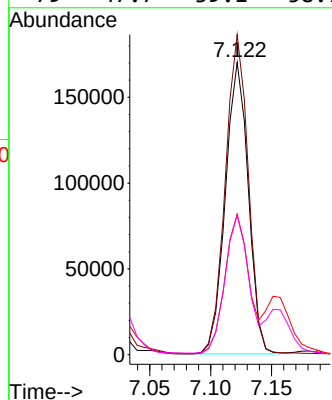
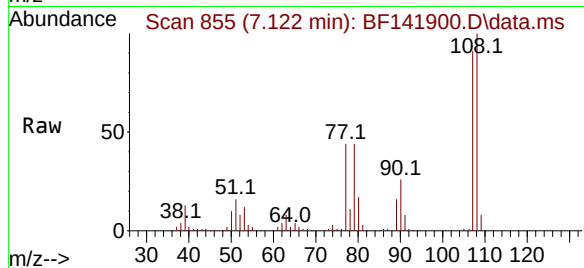




#17
2-Methylphenol
Concen: 21.248 ng
RT: 7.122 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

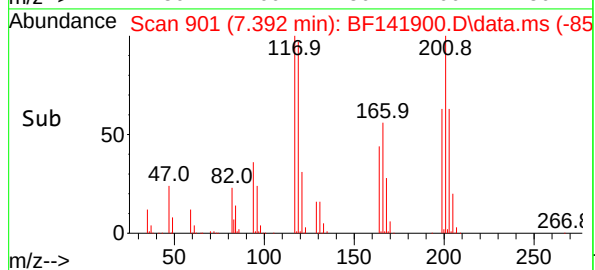
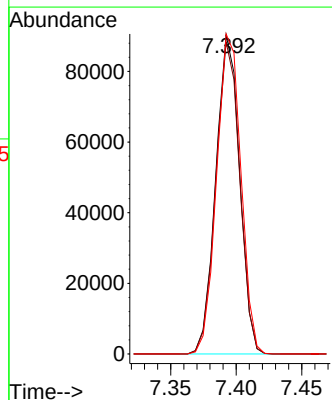
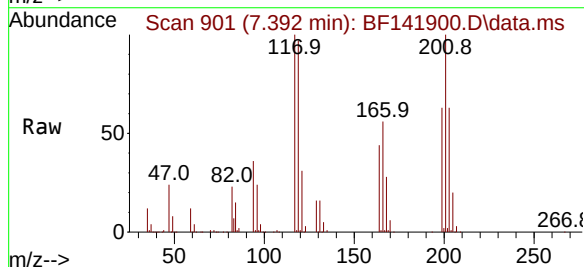
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

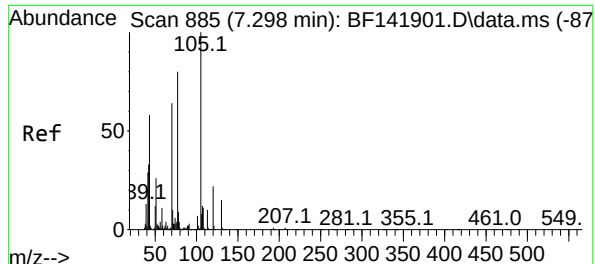
Tgt Ion:107 Resp: 222173
Ion Ratio Lower Upper
107 100
108 109.5 90.2 135.2
77 48.1 39.6 59.4
79 47.7 39.1 58.7



#18
Hexachloroethane
Concen: 21.141 ng
RT: 7.392 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:117 Resp: 114019
Ion Ratio Lower Upper
117 100
119 97.8 76.9 115.3
201 100.3 79.9 119.9





#19

n-Nitroso-di-n-propylamine

Concen: 21.268 ng

RT: 7.286 min Scan# 885

Delta R.T. -0.012 min

Lab File: BF141900.D

Acq: 10 Mar 2025 12:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 70 Resp: 206654

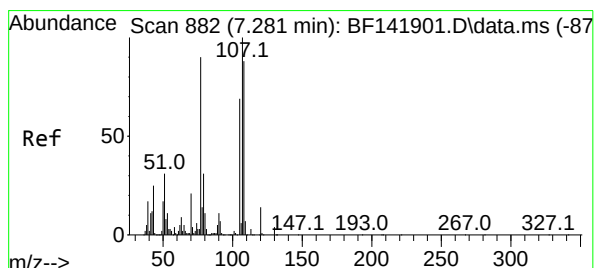
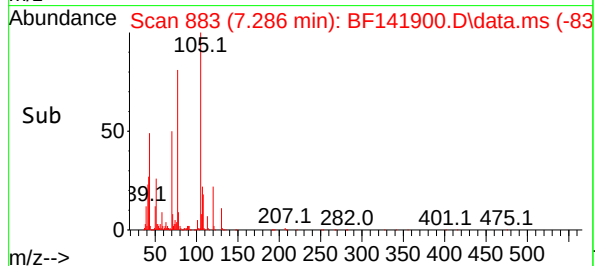
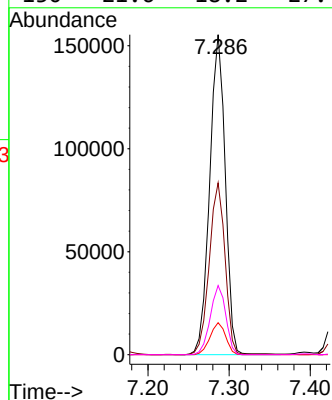
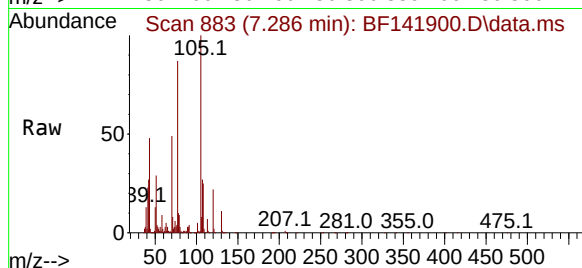
Ion Ratio Lower Upper

70 100

42 53.7 41.4 62.0

101 10.0 8.2 12.2

130 21.6 18.2 27.4



#20

3+4-Methylphenols

Concen: 21.702 ng

RT: 7.275 min Scan# 881

Delta R.T. -0.006 min

Lab File: BF141900.D

Acq: 10 Mar 2025 12:29

Tgt Ion:107 Resp: 291065

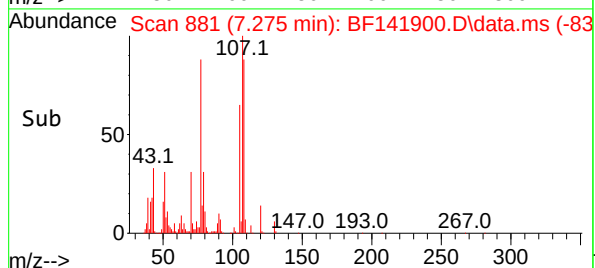
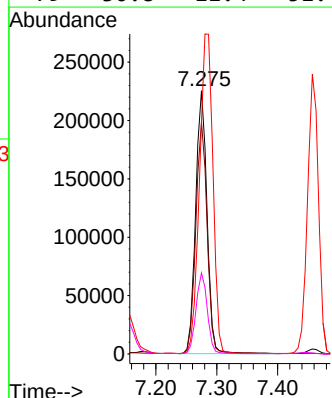
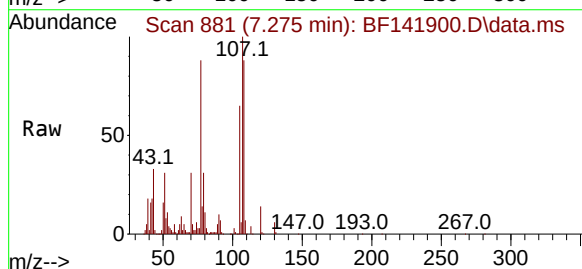
Ion Ratio Lower Upper

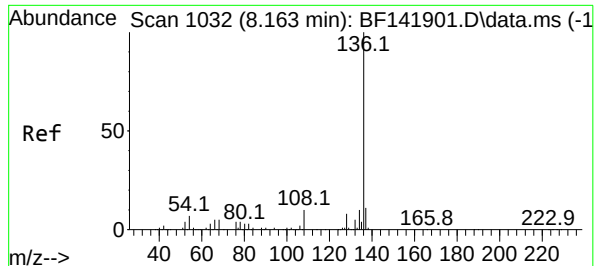
107 100

108 88.1 68.4 108.4

77 87.9 69.7 109.7

79 30.8 11.4 51.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF141900.D

Acq: 10 Mar 2025 12:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:136 Resp: 797548

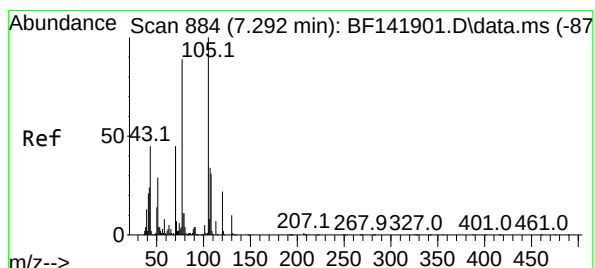
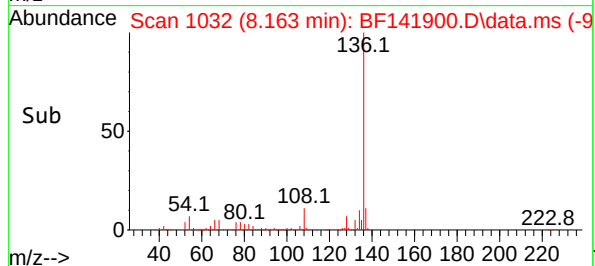
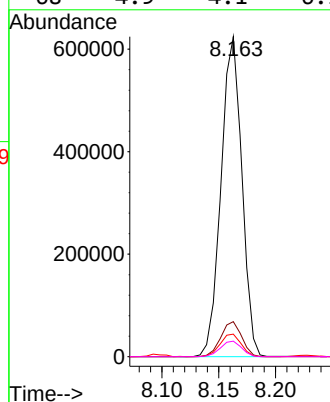
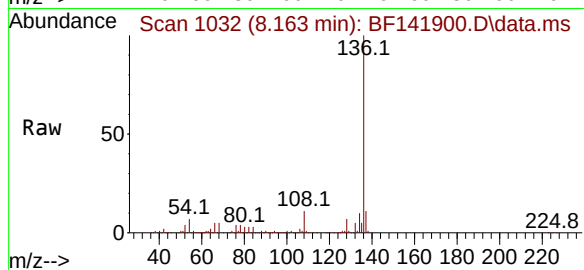
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.1 5.8 8.8

68 4.9 4.1 6.1



#22

Acetophenone

Concen: 21.385 ng

RT: 7.286 min Scan# 883

Delta R.T. -0.006 min

Lab File: BF141900.D

Acq: 10 Mar 2025 12:29

Tgt Ion:105 Resp: 409149

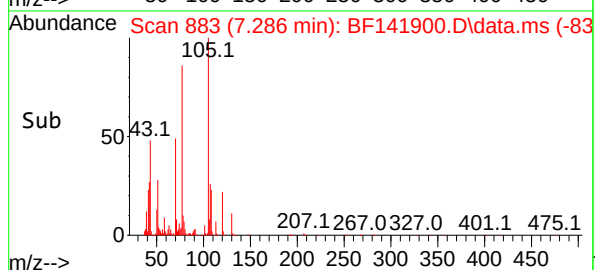
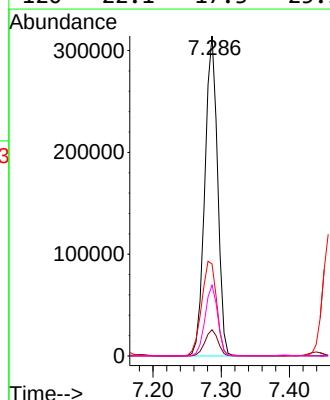
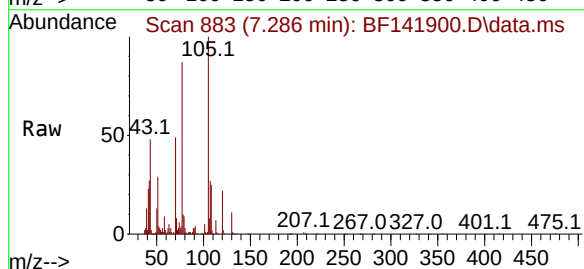
Ion Ratio Lower Upper

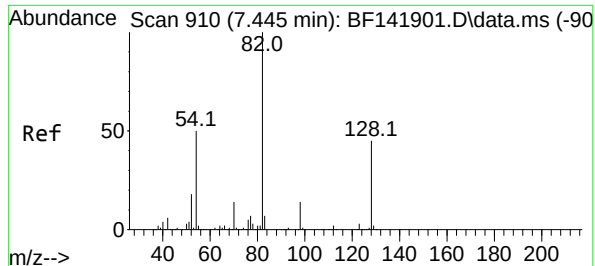
105 100

71 8.2 5.8 8.8

51 28.8 23.4 35.0

120 22.1 17.3 25.9





#23

Nitrobenzene-d5

Concen: 42.465 ng

RT: 7.439 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF141900.D

Acq: 10 Mar 2025 12:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

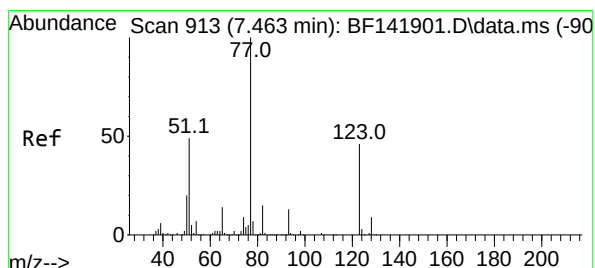
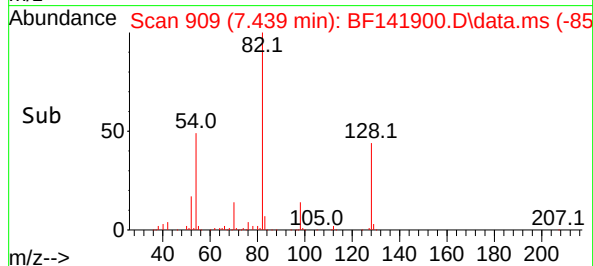
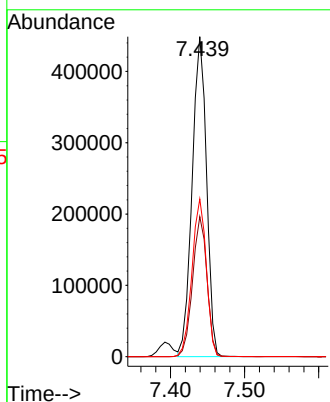
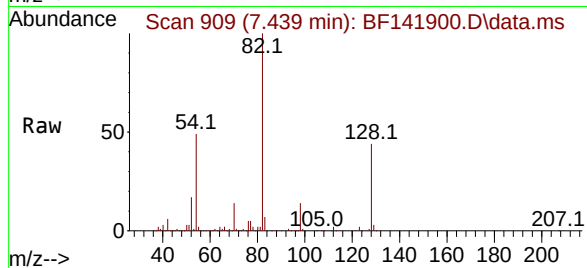
Tgt Ion: 82 Resp: 604270

Ion Ratio Lower Upper

82 100

128 43.8 36.0 54.0

54 49.3 39.6 59.4



#24

Nitrobenzene

Concen: 21.196 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.006 min

Lab File: BF141900.D

Acq: 10 Mar 2025 12:29

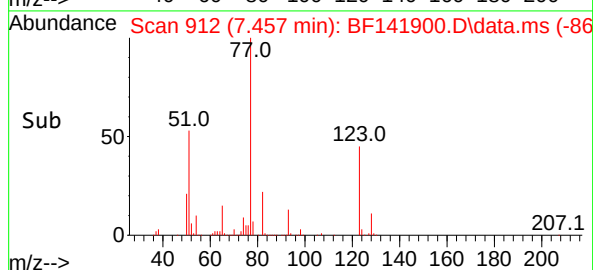
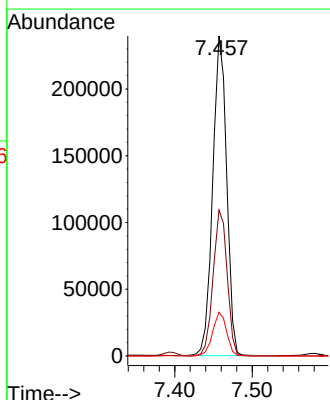
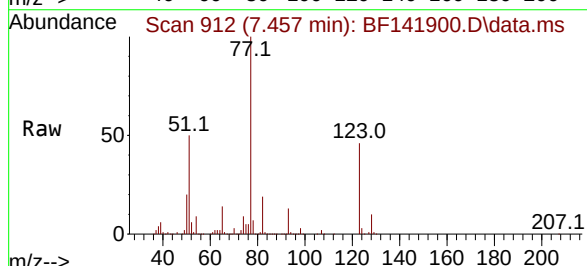
Tgt Ion: 77 Resp: 299046

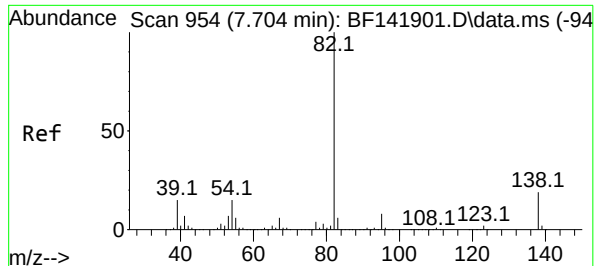
Ion Ratio Lower Upper

77 100

123 45.6 37.0 55.4

65 13.7 11.3 16.9





#25

Isophorone

Concen: 20.788 ng

RT: 7.698 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141900.D

Acq: 10 Mar 2025 12:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

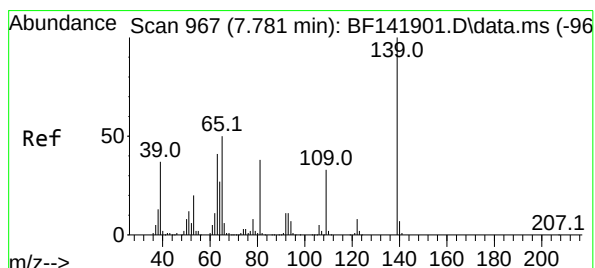
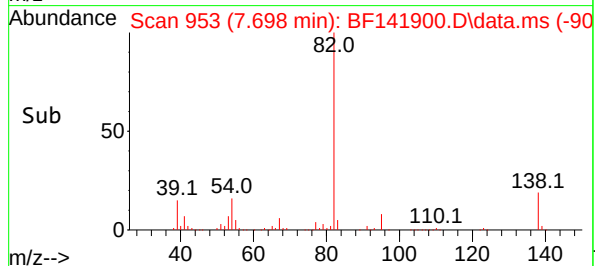
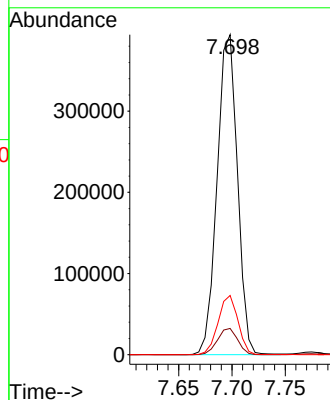
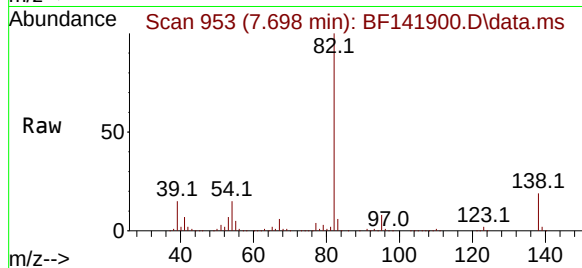
Tgt Ion: 82 Resp: 522239

Ion Ratio Lower Upper

82 100

95 8.2 6.4 9.6

138 18.5 14.9 22.3



#26

2-Nitrophenol

Concen: 20.970 ng

RT: 7.775 min Scan# 966

Delta R.T. -0.006 min

Lab File: BF141900.D

Acq: 10 Mar 2025 12:29

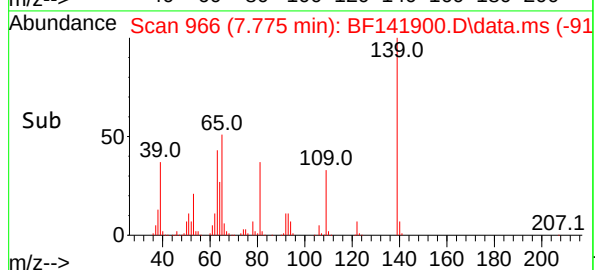
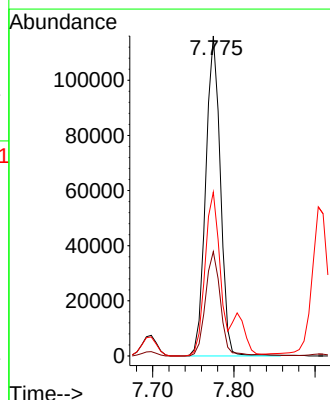
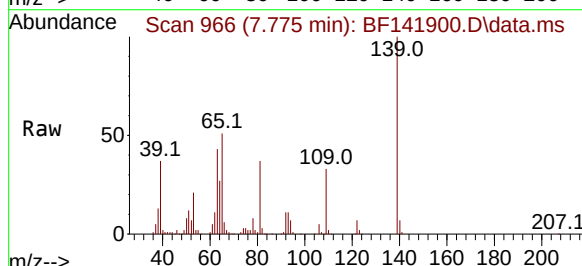
Tgt Ion:139 Resp: 144979

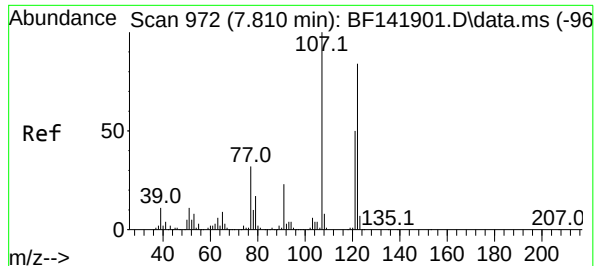
Ion Ratio Lower Upper

139 100

109 32.6 26.5 39.7

65 51.2 40.3 60.5





#27

2,4-Dimethylphenol

Concen: 21.009 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141900.D

Acq: 10 Mar 2025 12:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

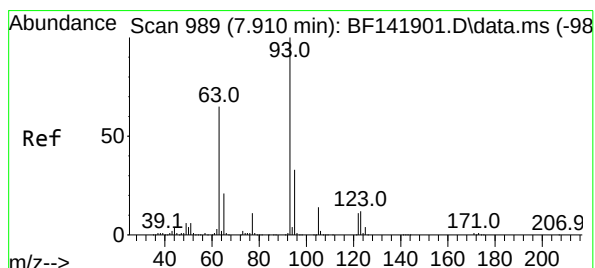
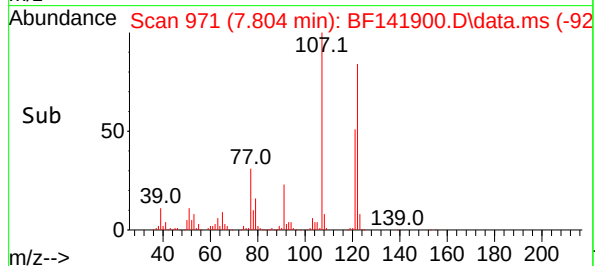
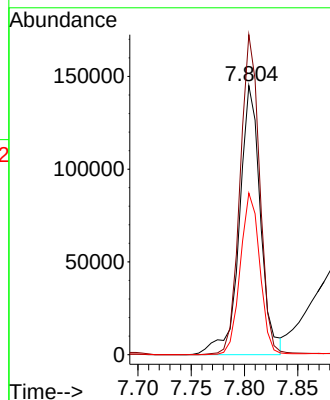
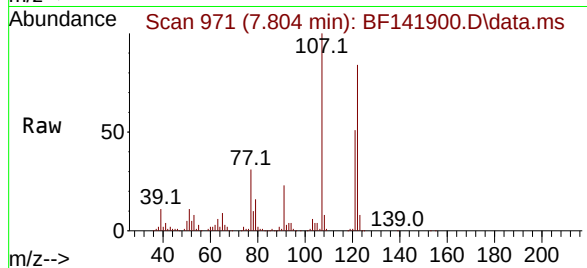
Tgt Ion:122 Resp: 200058

Ion Ratio Lower Upper

122 100

107 118.9 94.8 142.2

121 60.1 47.8 71.6



#28

bis(2-Chloroethoxy)methane

Concen: 21.093 ng

RT: 7.904 min Scan# 988

Delta R.T. -0.006 min

Lab File: BF141900.D

Acq: 10 Mar 2025 12:29

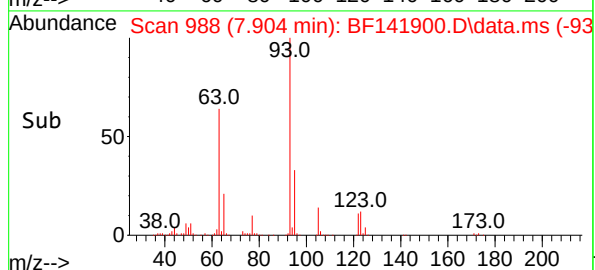
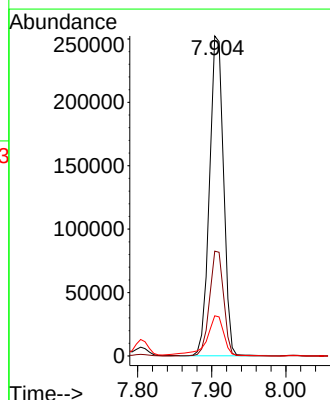
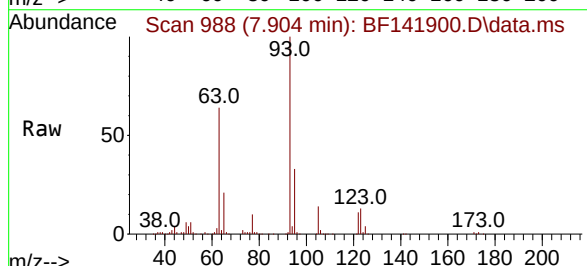
Tgt Ion: 93 Resp: 331966

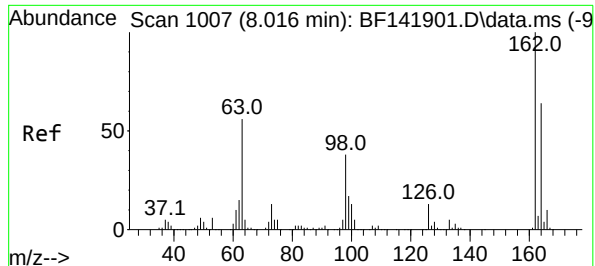
Ion Ratio Lower Upper

93 100

95 32.8 26.6 40.0

123 12.6 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 20.884 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF141900.D

Acq: 10 Mar 2025 12:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

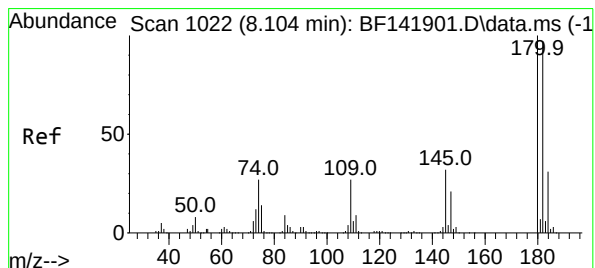
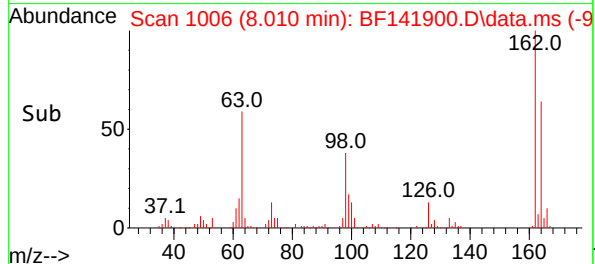
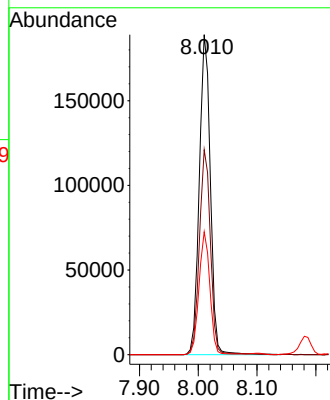
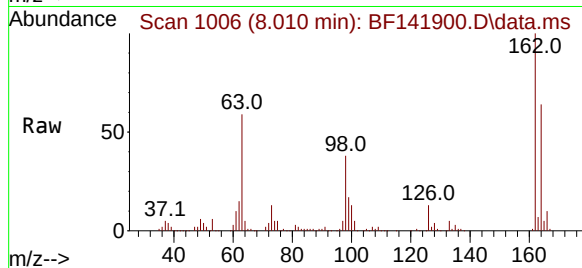
Tgt Ion:162 Resp: 246810

Ion Ratio Lower Upper

162 100

164 64.0 43.8 83.8

98 38.4 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 20.922 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BF141900.D

Acq: 10 Mar 2025 12:29

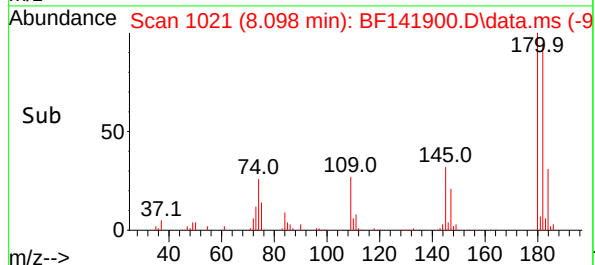
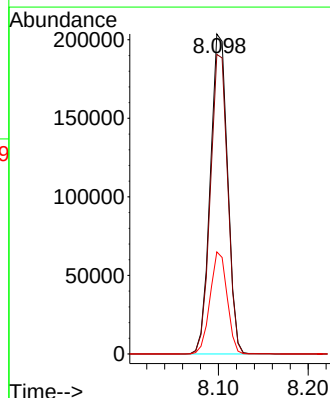
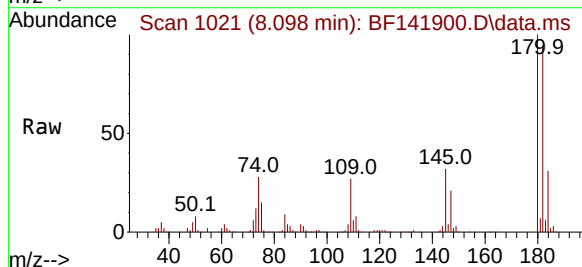
Tgt Ion:180 Resp: 272773

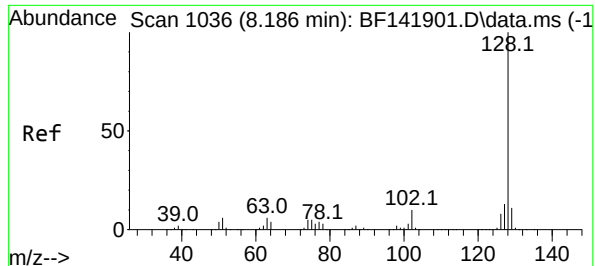
Ion Ratio Lower Upper

180 100

182 93.6 77.5 116.3

145 31.9 25.8 38.6





#31

Naphthalene

Concen: 21.487 ng

RT: 8.181 min Scan# 1035

Delta R.T. -0.006 min

Lab File: BF141900.D

Acq: 10 Mar 2025 12:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

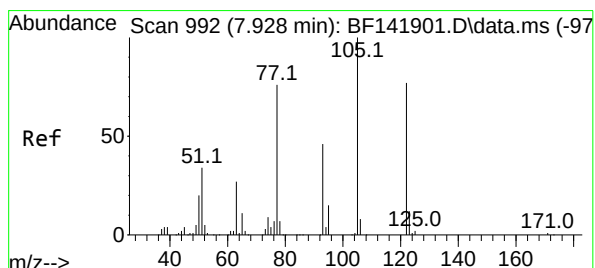
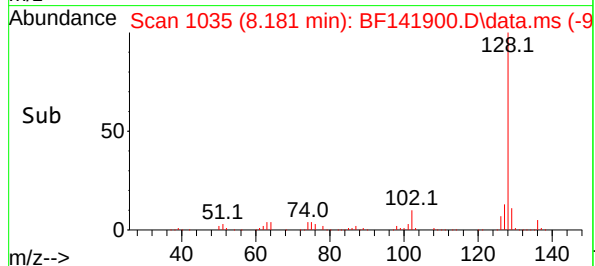
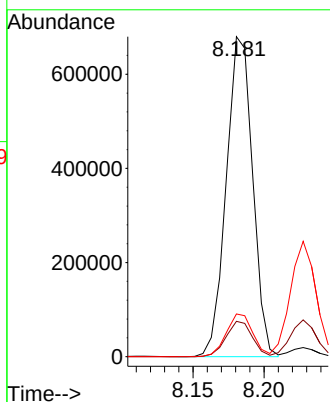
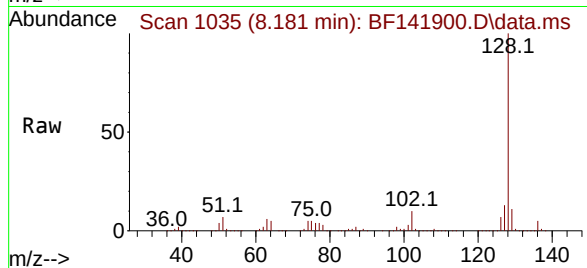
Tgt Ion:128 Resp: 877897

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

127 13.4 10.8 16.2



#32

Benzoic acid

Concen: 18.313 ng

RT: 7.892 min Scan# 986

Delta R.T. -0.036 min

Lab File: BF141900.D

Acq: 10 Mar 2025 12:29

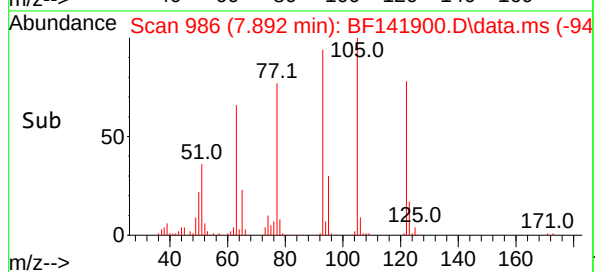
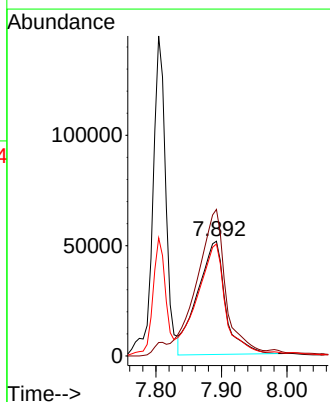
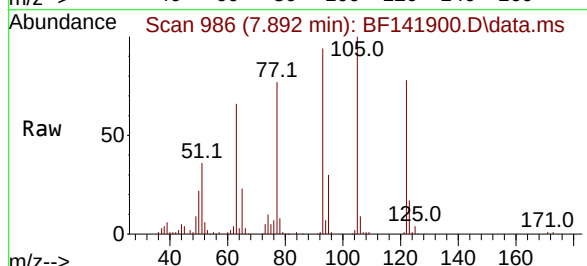
Tgt Ion:122 Resp: 152420

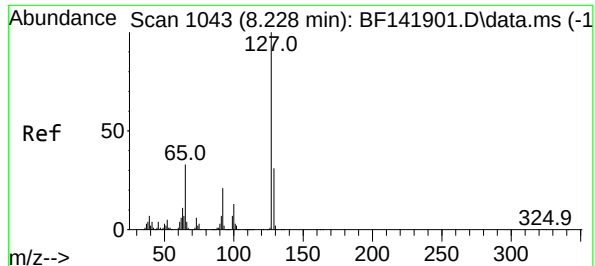
Ion Ratio Lower Upper

122 100

105 127.6 107.9 147.9

77 97.6 79.0 119.0

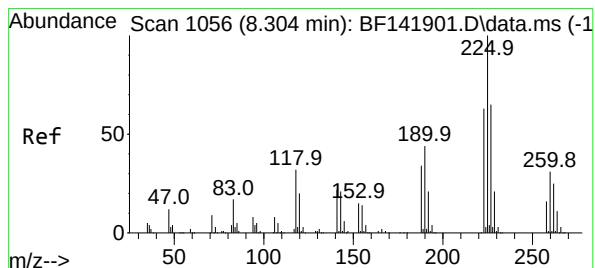
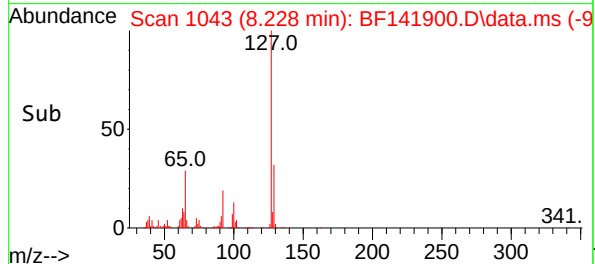
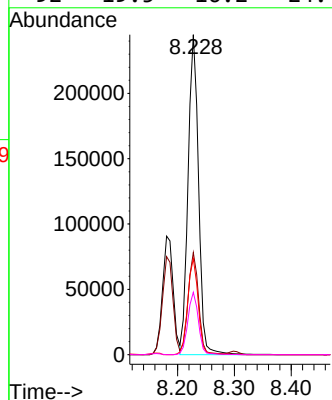
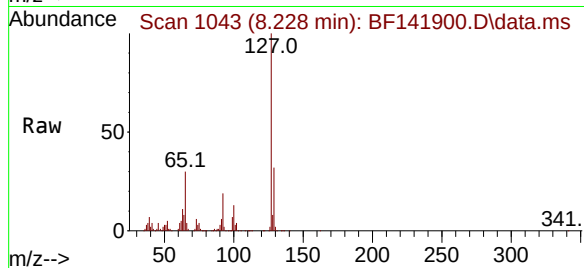




#33
4-Chloroaniline
Concen: 21.726 ng
RT: 8.228 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

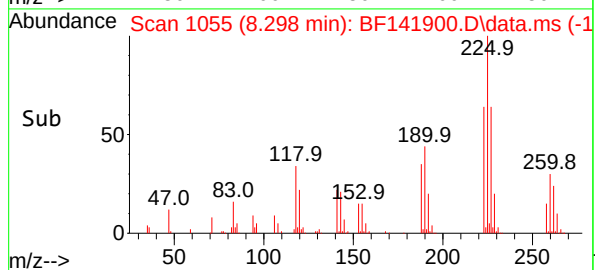
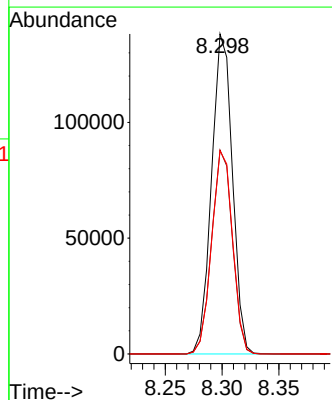
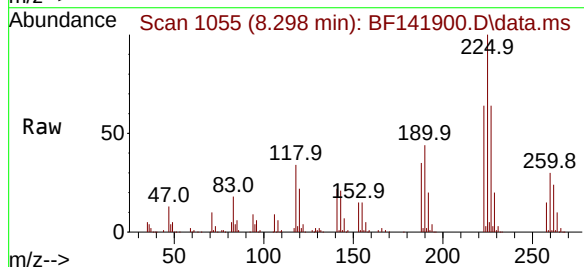
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

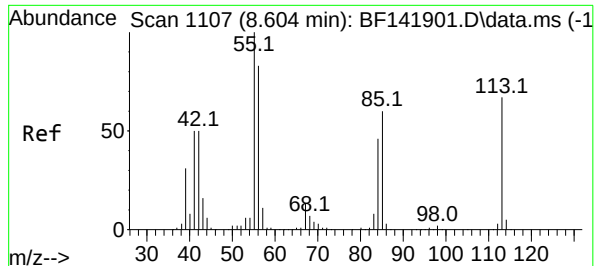
Tgt Ion:	127	Resp:	313249
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.2	39.4
65	30.0	25.4	38.2
92	19.5	16.2	24.4



#34
Hexachlorobutadiene
Concen: 20.791 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:	225	Resp:	176253
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.6	75.8
227	63.5	52.2	78.2





#35

Caprolactam

Concen: 20.884 ng

RT: 8.580 min Scan# 1103

Delta R.T. -0.024 min

Lab File: BF141900.D

Acq: 10 Mar 2025 12:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

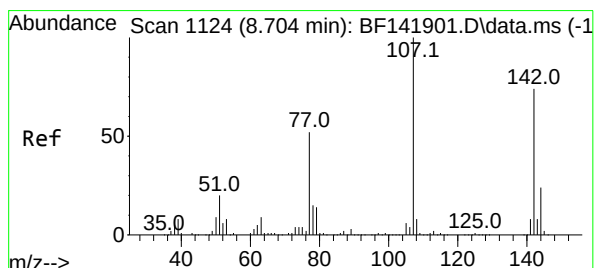
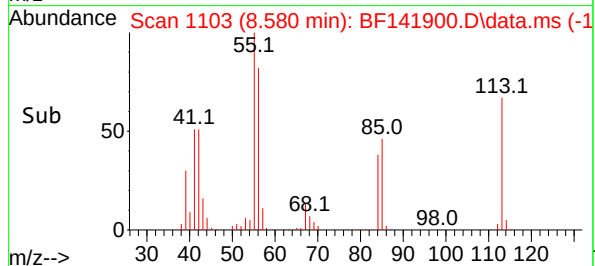
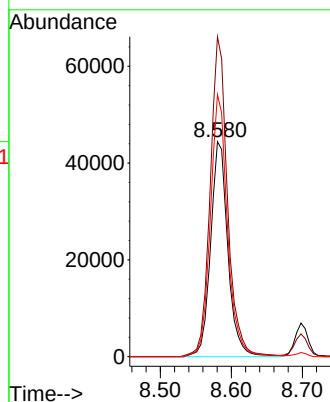
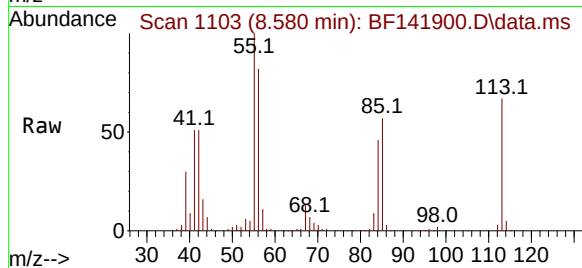
Tgt Ion:113 Resp: 75048

Ion Ratio Lower Upper

113 100

55 148.8 129.6 169.6

56 121.8 104.0 144.0



#36

4-Chloro-3-methylphenol

Concen: 21.168 ng

RT: 8.698 min Scan# 1123

Delta R.T. -0.006 min

Lab File: BF141900.D

Acq: 10 Mar 2025 12:29

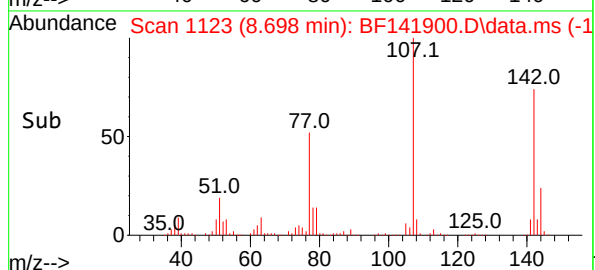
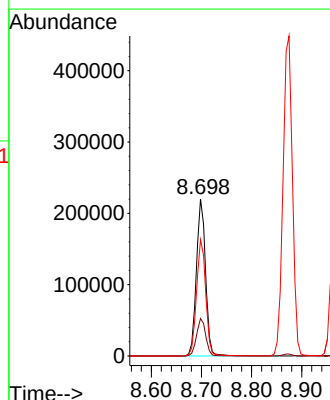
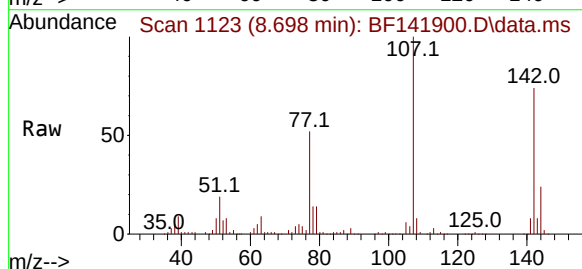
Tgt Ion:107 Resp: 278207

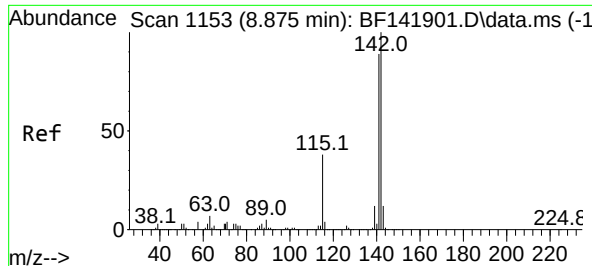
Ion Ratio Lower Upper

107 100

144 23.9 19.0 28.6

142 74.3 59.2 88.8

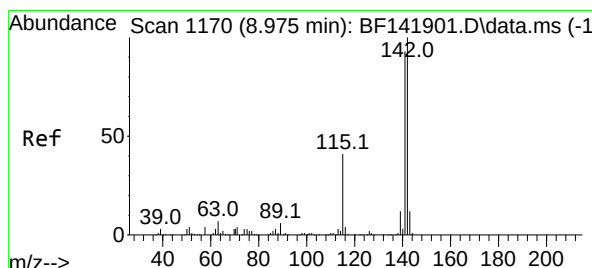
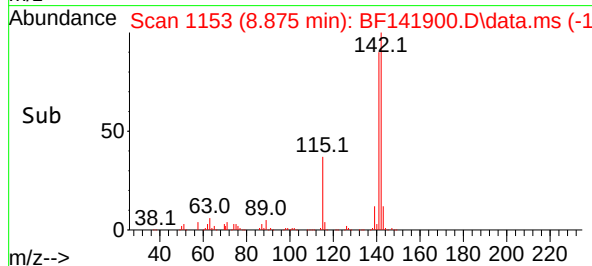
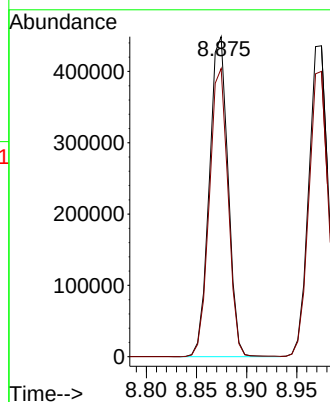
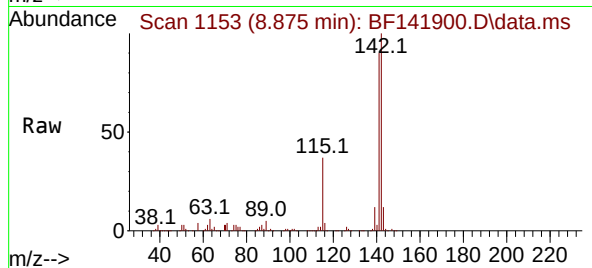




#37
2-Methylnaphthalene
Concen: 21.324 ng
RT: 8.875 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

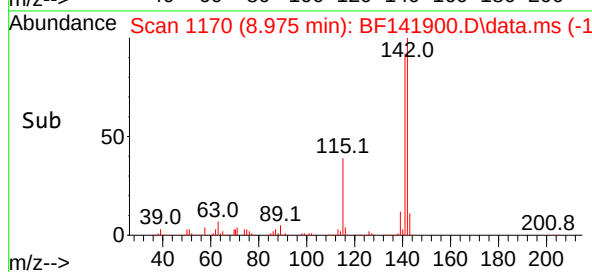
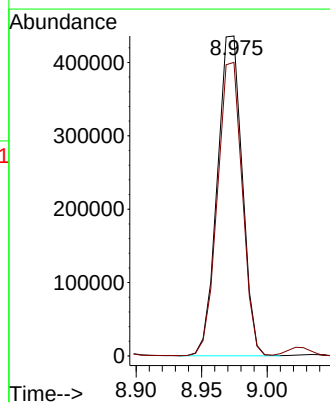
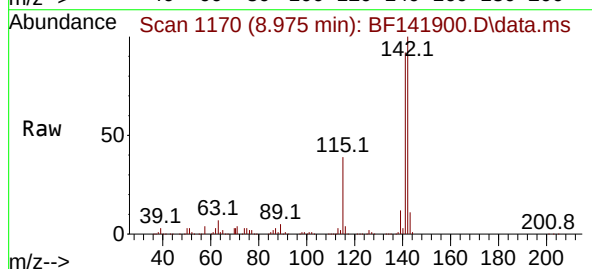
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

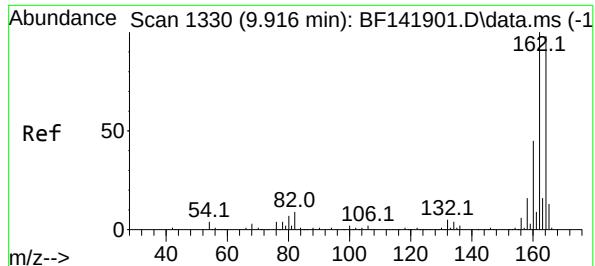
Tgt Ion:142 Resp: 584552
Ion Ratio Lower Upper
142 100
141 90.0 71.2 106.8



#38
1-Methylnaphthalene
Concen: 21.677 ng
RT: 8.975 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:142 Resp: 575428
Ion Ratio Lower Upper
142 100
141 91.8 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BF141900.D

Acq: 10 Mar 2025 12:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

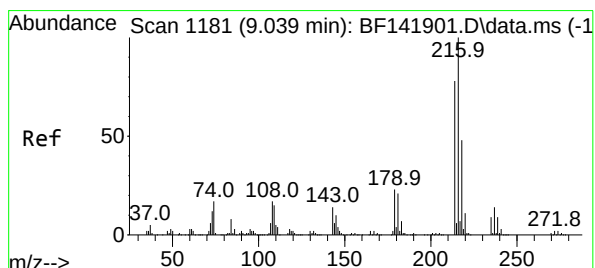
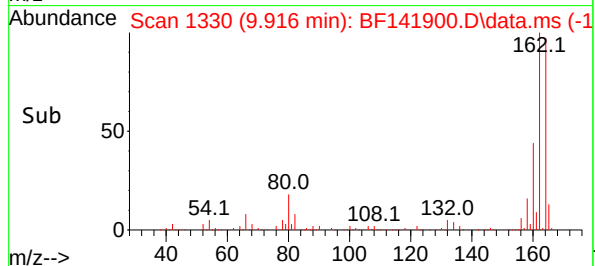
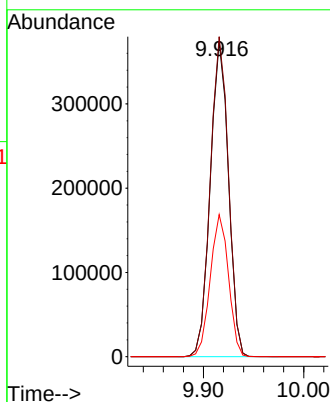
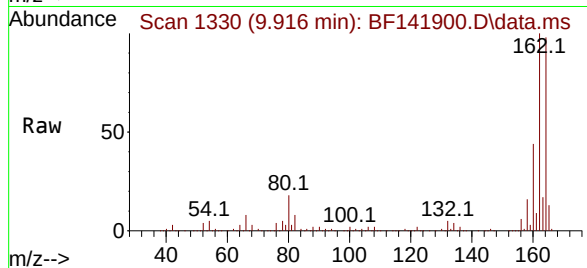
Tgt Ion:164 Resp: 470833

Ion Ratio Lower Upper

164 100

162 101.6 81.8 122.6

160 45.1 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 20.538 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF141900.D

Acq: 10 Mar 2025 12:29

Tgt Ion:216 Resp: 294845

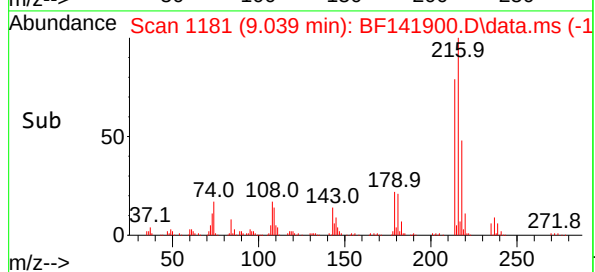
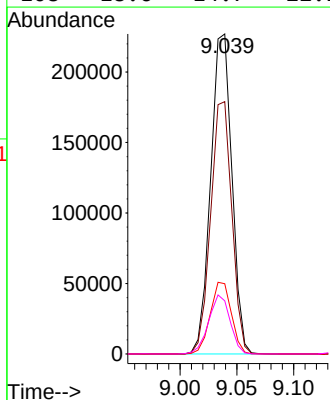
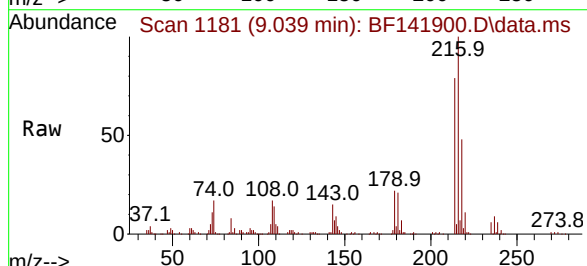
Ion Ratio Lower Upper

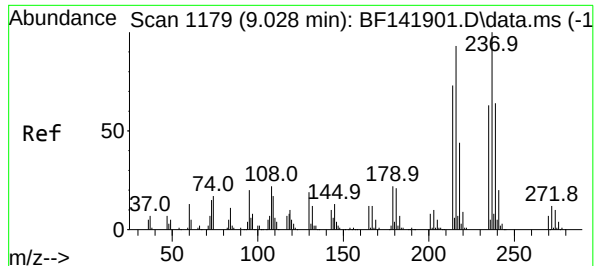
216 100

214 78.7 61.9 92.9

179 22.3 18.1 27.1

108 18.6 14.7 22.1

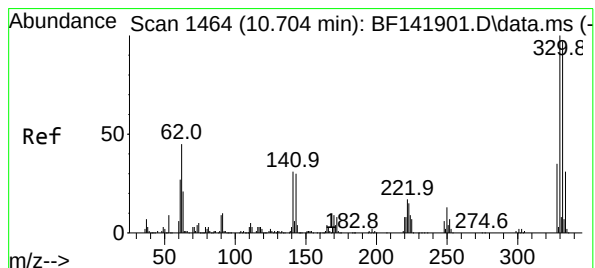
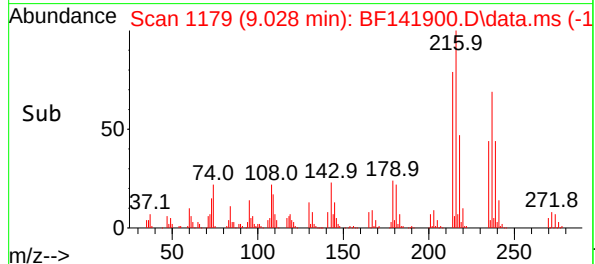
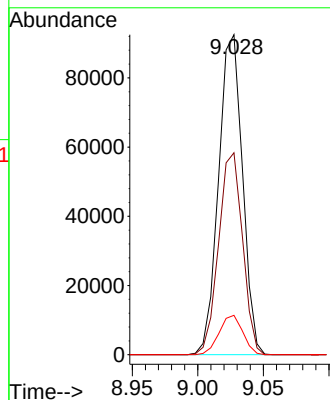
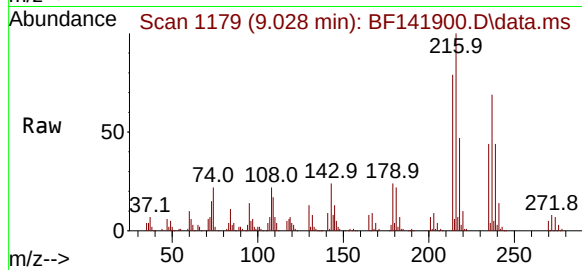




#41
Hexachlorocyclopentadiene
Concen: 20.685 ng
RT: 9.028 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

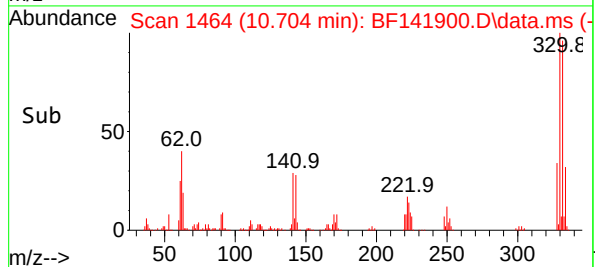
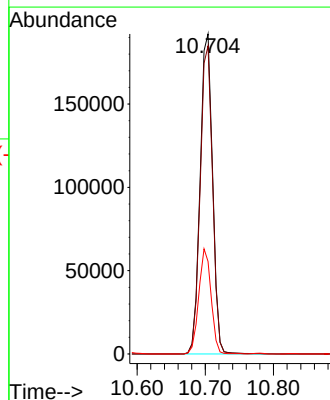
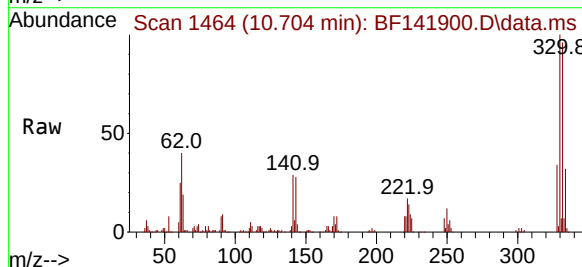
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

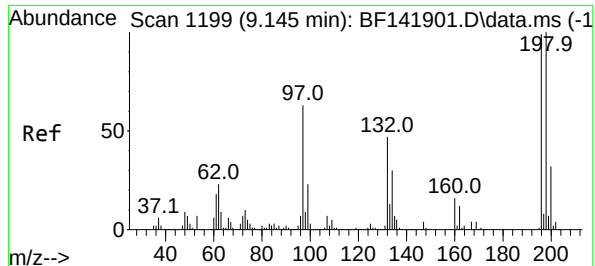
Tgt Ion: 237 Resp: 117174
Ion Ratio Lower Upper
237 100
235 63.1 43.1 83.1
272 12.3 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 40.869 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion: 330 Resp: 243832
Ion Ratio Lower Upper
330 100
332 95.8 77.6 116.4
141 32.4 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 20.203 ng

RT: 9.145 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF141900.D

Acq: 10 Mar 2025 12:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

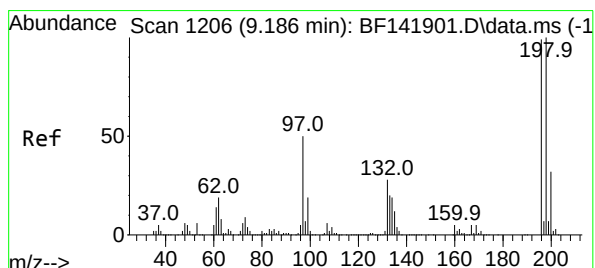
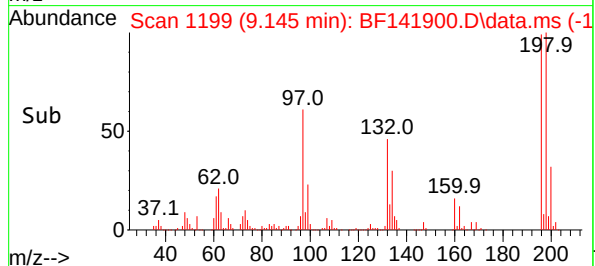
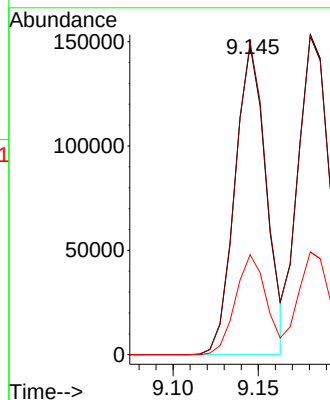
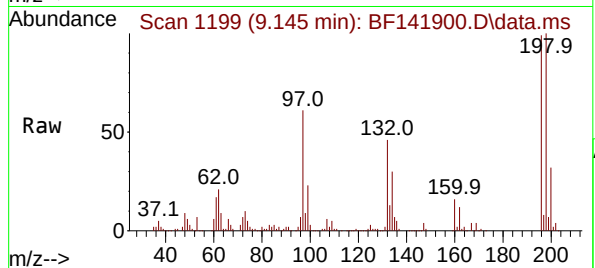
Tgt Ion:196 Resp: 189069

Ion Ratio Lower Upper

196 100

198 100.9 80.6 121.0

200 32.3 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 20.912 ng

RT: 9.180 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF141900.D

Acq: 10 Mar 2025 12:29

Tgt Ion:196 Resp: 198841

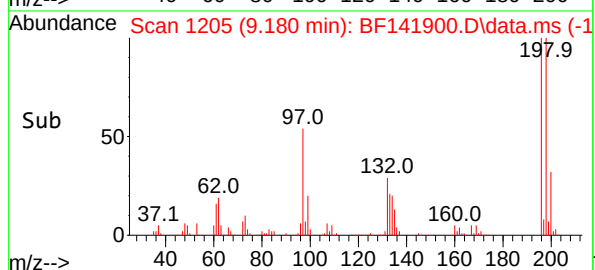
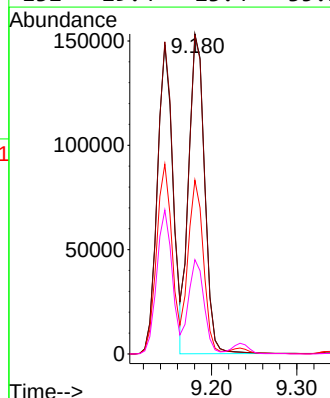
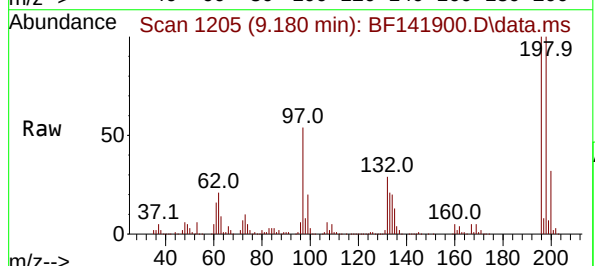
Ion Ratio Lower Upper

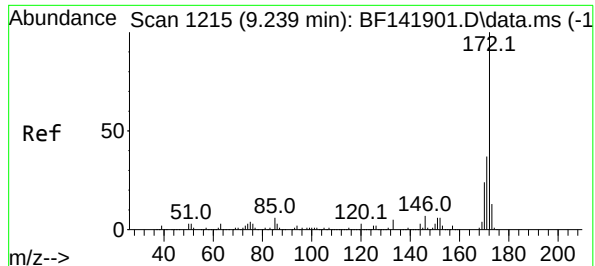
196 100

198 99.6 80.7 121.1

97 54.3 42.1 63.1

132 29.4 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 42.002 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF141900.D

Acq: 10 Mar 2025 12:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

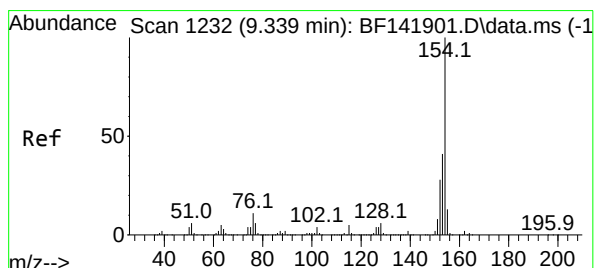
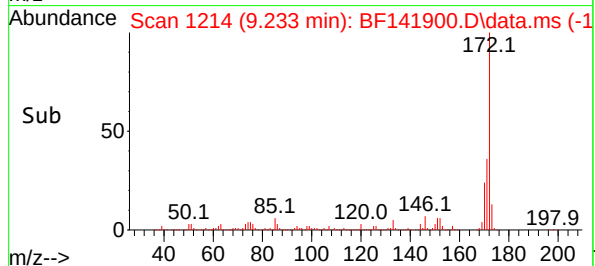
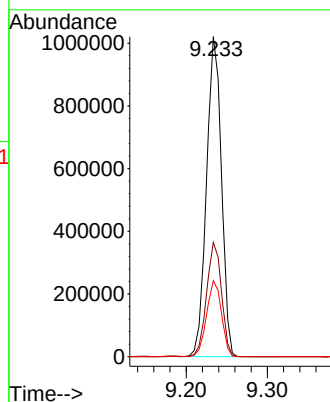
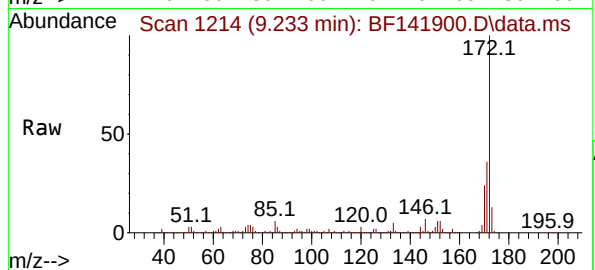
Tgt Ion:172 Resp: 1298709

Ion Ratio Lower Upper

172 100

171 35.7 29.3 43.9

170 23.7 19.4 29.0



#46

1,1'-Biphenyl

Concen: 20.985 ng

RT: 9.333 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF141900.D

Acq: 10 Mar 2025 12:29

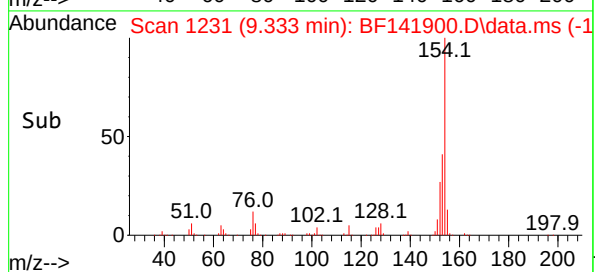
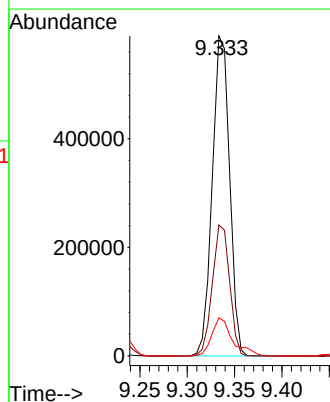
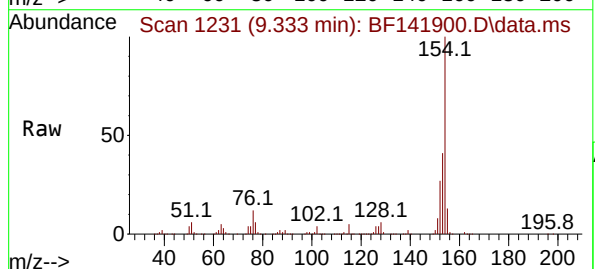
Tgt Ion:154 Resp: 749087

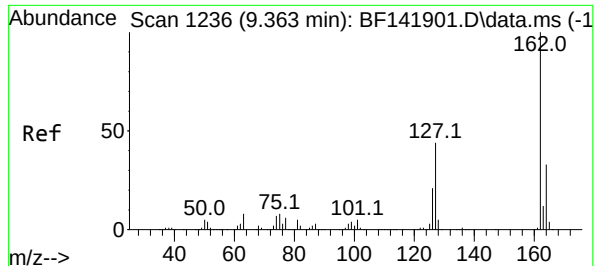
Ion Ratio Lower Upper

154 100

153 41.0 21.1 61.1

76 11.9 0.0 31.3





#47

2-Chloronaphthalene

Concen: 20.898 ng

RT: 9.363 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF141900.D

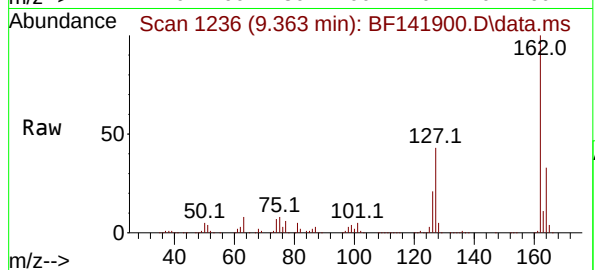
Acq: 10 Mar 2025 12:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



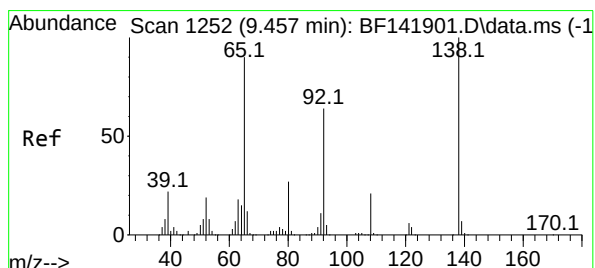
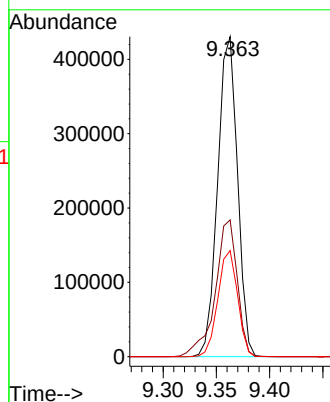
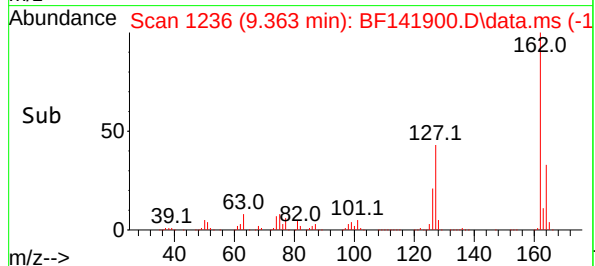
Tgt Ion:162 Resp: 555946

Ion Ratio Lower Upper

162 100

127 42.8 35.5 53.3

164 33.1 26.6 40.0



#48

2-Nitroaniline

Concen: 21.302 ng

RT: 9.451 min Scan# 1251

Delta R.T. -0.006 min

Lab File: BF141900.D

Acq: 10 Mar 2025 12:29

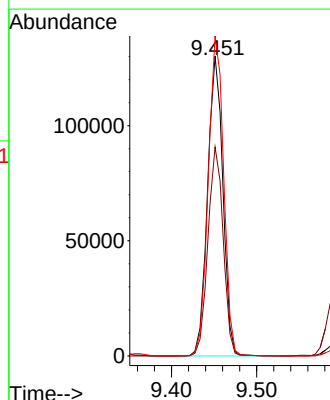
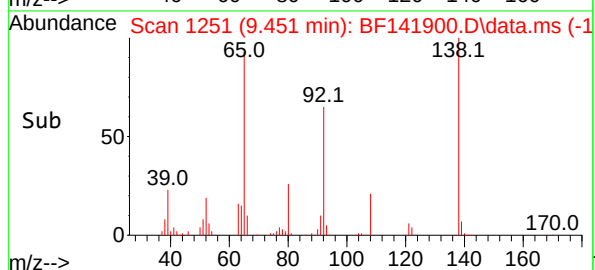
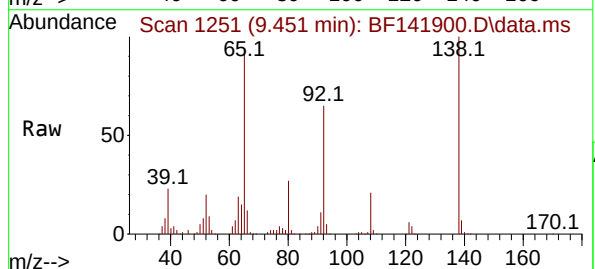
Tgt Ion: 65 Resp: 162790

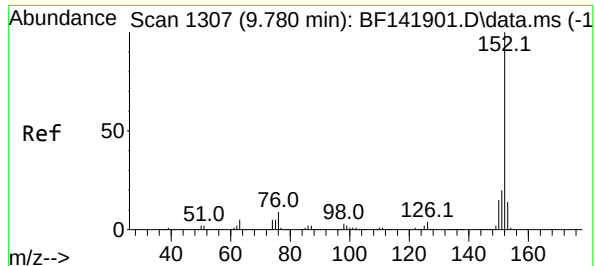
Ion Ratio Lower Upper

65 100

92 69.7 56.6 84.8

138 106.7 88.6 133.0





#49

Acenaphthylene

Concen: 21.222 ng

RT: 9.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141900.D

Acq: 10 Mar 2025 12:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

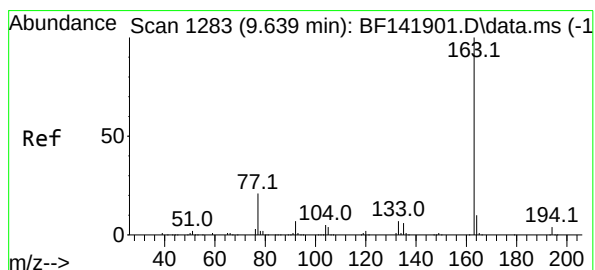
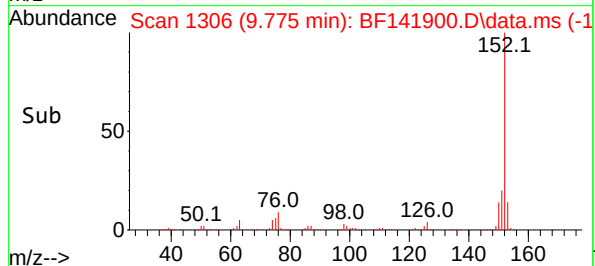
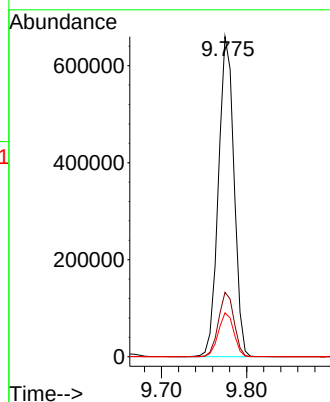
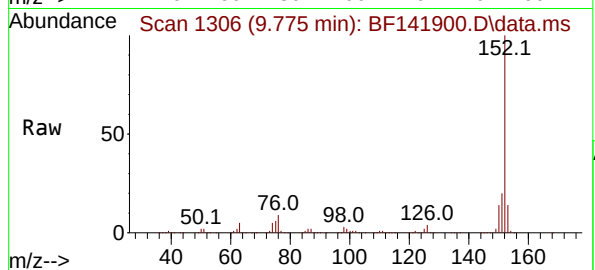
Tgt Ion:152 Resp: 837016

Ion Ratio Lower Upper

152 100

151 20.1 16.3 24.5

153 13.7 11.1 16.7



#50

Dimethylphthalate

Concen: 21.137 ng

RT: 9.633 min Scan# 1282

Delta R.T. -0.006 min

Lab File: BF141900.D

Acq: 10 Mar 2025 12:29

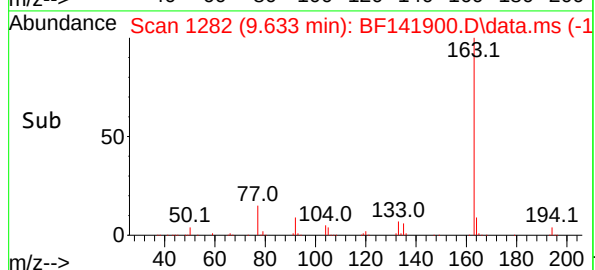
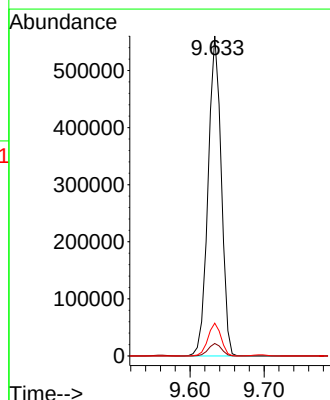
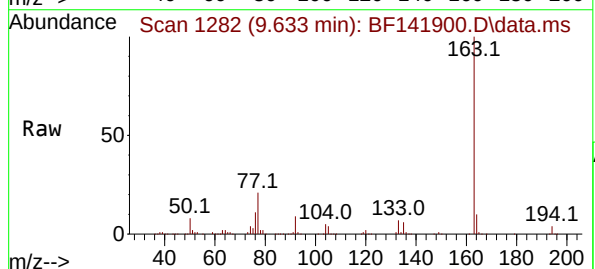
Tgt Ion:163 Resp: 691454

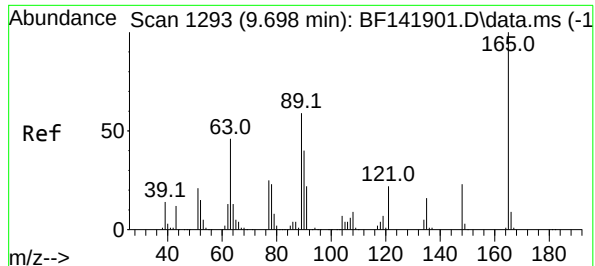
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.3 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 21.096 ng

RT: 9.692 min Scan# 1293

Delta R.T. -0.006 min

Lab File: BF141900.D

Acq: 10 Mar 2025 12:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

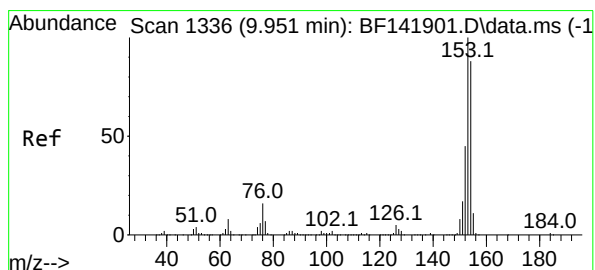
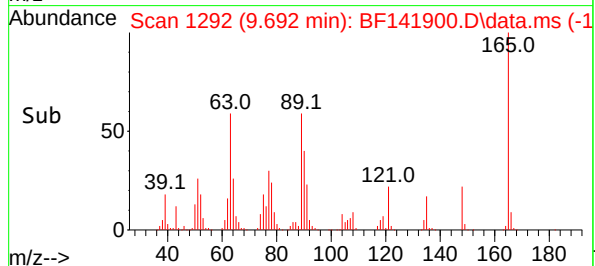
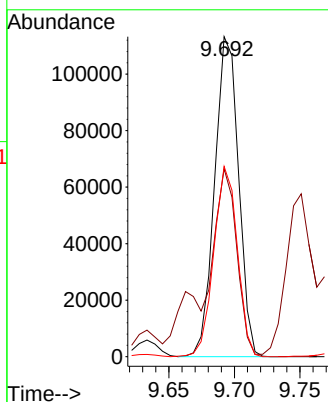
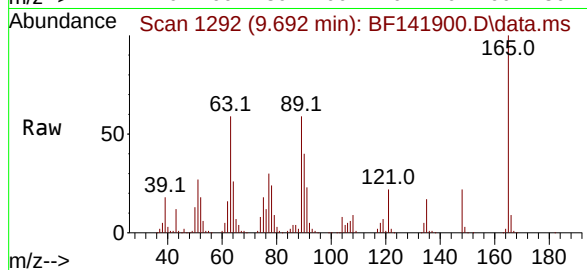
Tgt Ion:165 Resp: 143513

Ion Ratio Lower Upper

165 100

63 58.7 47.0 70.4

89 59.5 47.4 71.2



#52

Acenaphthene

Concen: 20.813 ng

RT: 9.951 min Scan# 1336

Delta R.T. 0.000 min

Lab File: BF141900.D

Acq: 10 Mar 2025 12:29

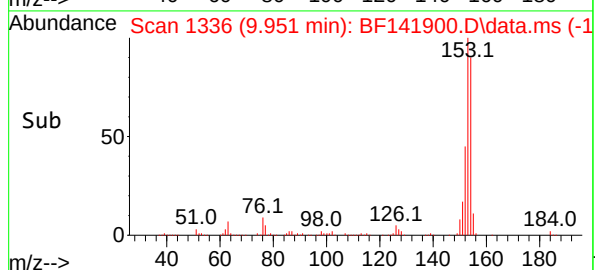
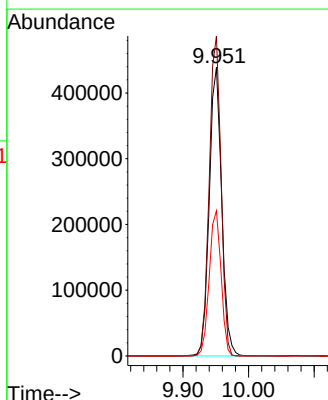
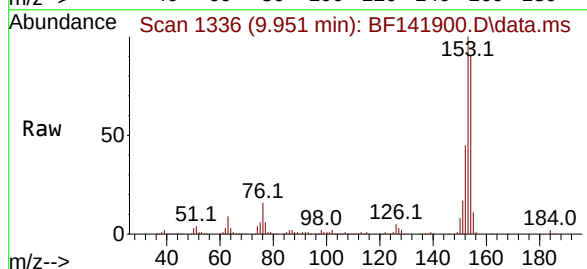
Tgt Ion:154 Resp: 579623

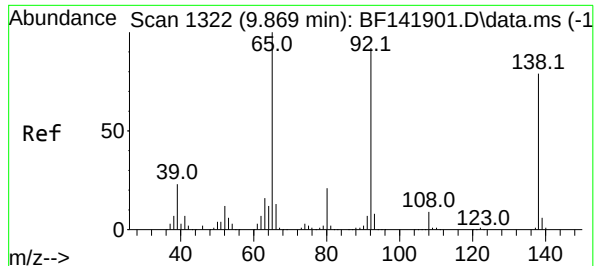
Ion Ratio Lower Upper

154 100

153 110.9 90.7 136.1

152 50.3 41.1 61.7

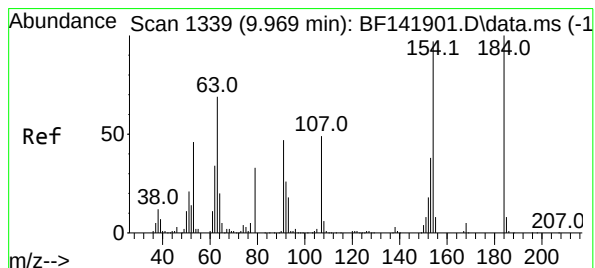
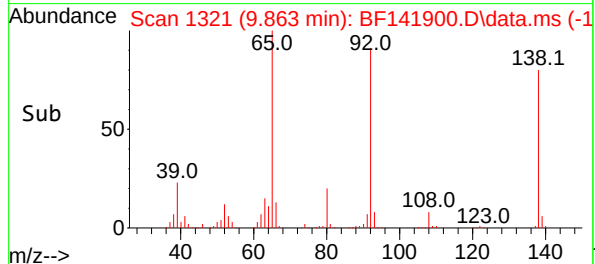
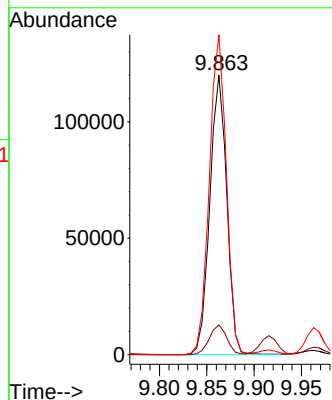
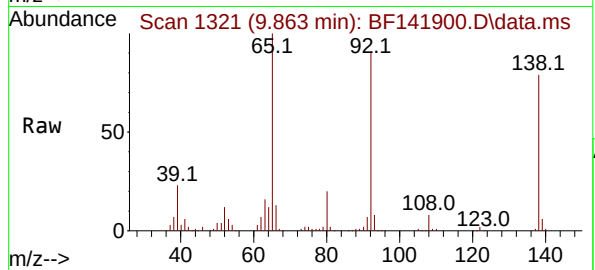




#53
3-Nitroaniline
Concen: 21.327 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

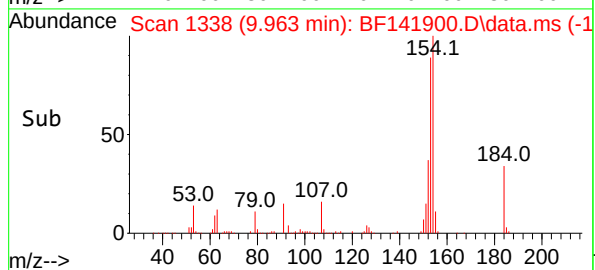
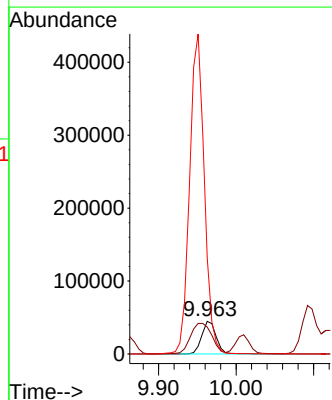
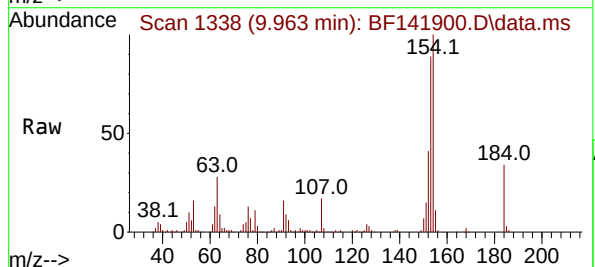
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

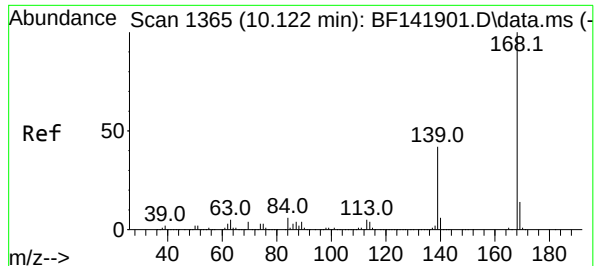
Tgt Ion:138 Resp: 148977
Ion Ratio Lower Upper
138 100
108 10.6 9.3 13.9
92 114.5 93.5 140.3



#54
2,4-Dinitrophenol
Concen: 20.368 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:184 Resp: 58223
Ion Ratio Lower Upper
184 100
63 82.2 60.2 90.4
154 293.5 132.9 199.3#





#55

Dibenzenofuran

Concen: 21.238 ng

RT: 10.122 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF141900.D

Acq: 10 Mar 2025 12:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

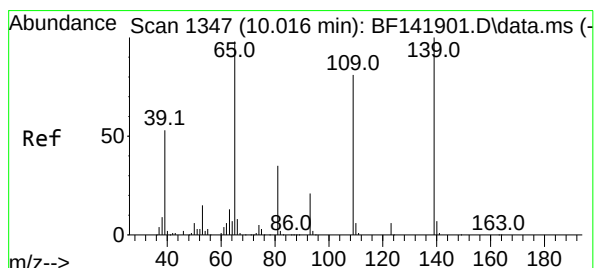
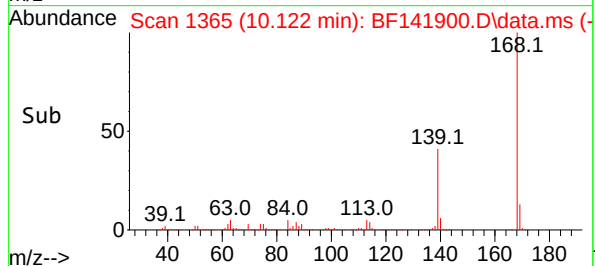
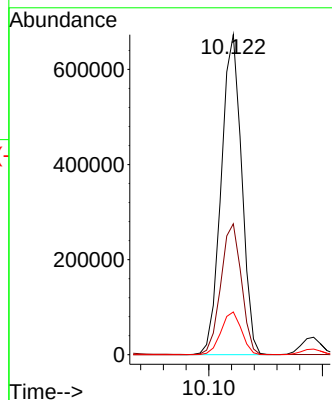
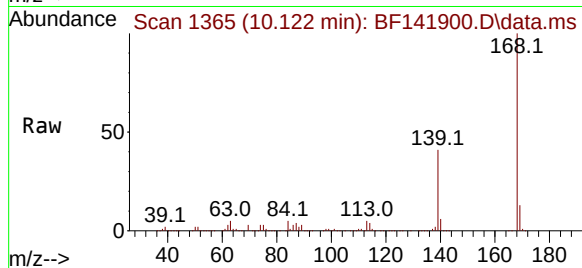
Tgt Ion:168 Resp: 843359

Ion Ratio Lower Upper

168 100

139 40.9 33.9 50.9

169 13.3 11.0 16.4



#56

4-Nitrophenol

Concen: 20.955 ng

RT: 10.010 min Scan# 1346

Delta R.T. -0.006 min

Lab File: BF141900.D

Acq: 10 Mar 2025 12:29

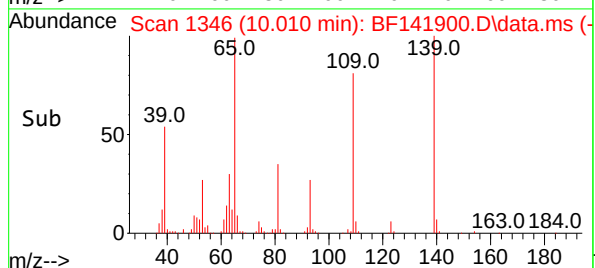
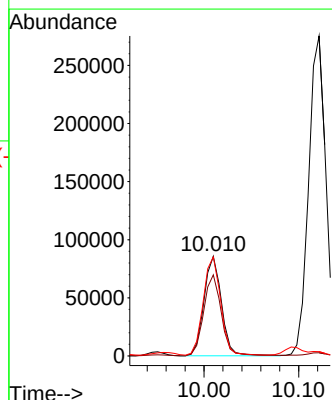
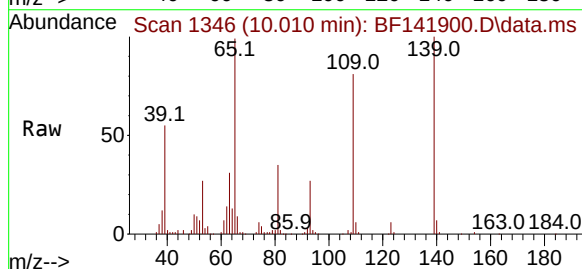
Tgt Ion:139 Resp: 109958

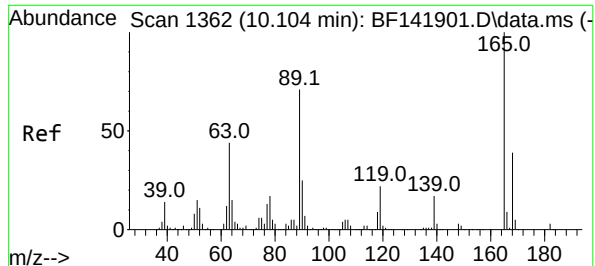
Ion Ratio Lower Upper

139 100

109 81.5 61.6 101.6

65 99.4 79.4 119.4





#57

2,4-Dinitrotoluene

Concen: 21.132 ng

RT: 10.098 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141900.D

Acq: 10 Mar 2025 12:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:165 Resp: 189234

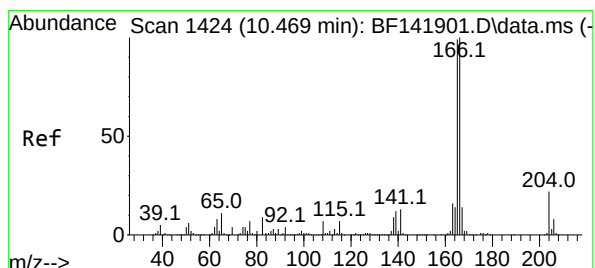
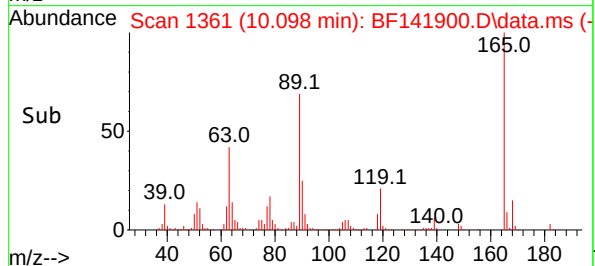
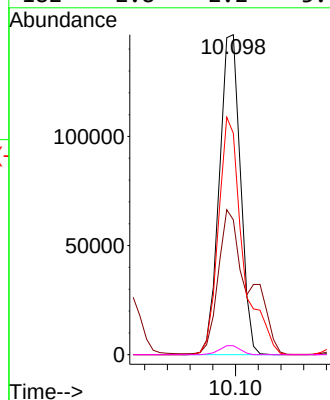
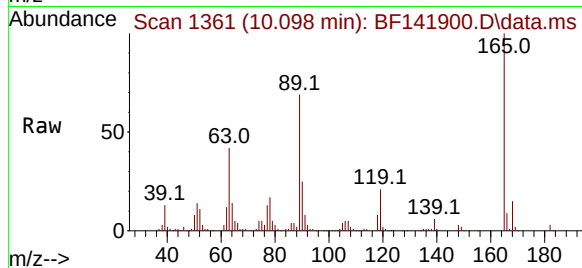
Ion Ratio Lower Upper

165 100

63 42.1 35.4 53.2

89 69.2 56.6 84.8

182 2.8 2.2 3.4



#58

Fluorene

Concen: 21.211 ng

RT: 10.463 min Scan# 1423

Delta R.T. -0.006 min

Lab File: BF141900.D

Acq: 10 Mar 2025 12:29

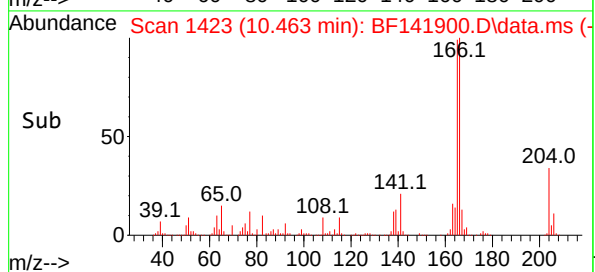
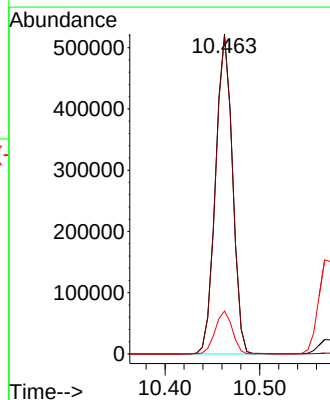
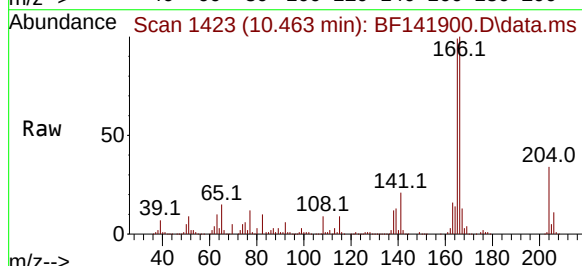
Tgt Ion:166 Resp: 650245

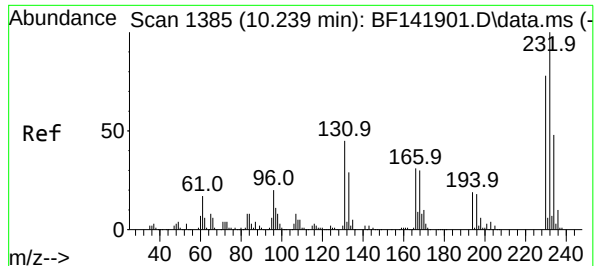
Ion Ratio Lower Upper

166 100

165 99.2 79.0 118.4

167 13.4 11.0 16.4

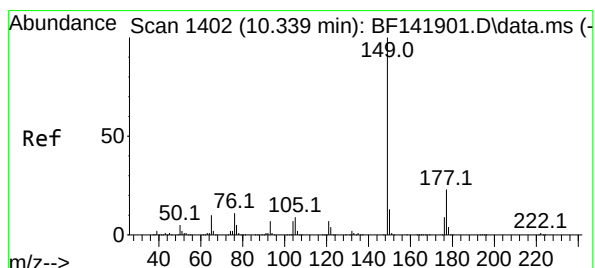
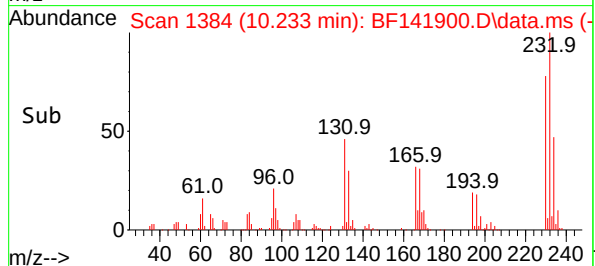
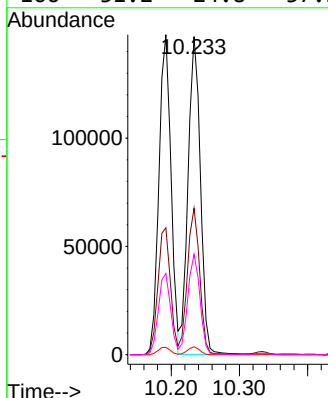
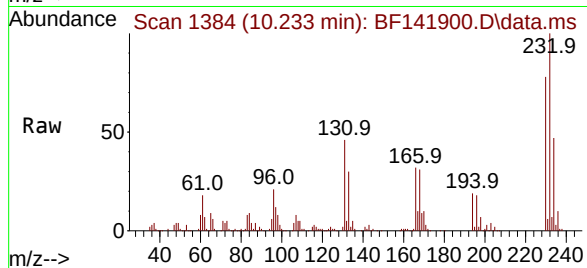




#59
2,3,4,6-Tetrachlorophenol
Concen: 21.272 ng
RT: 10.233 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

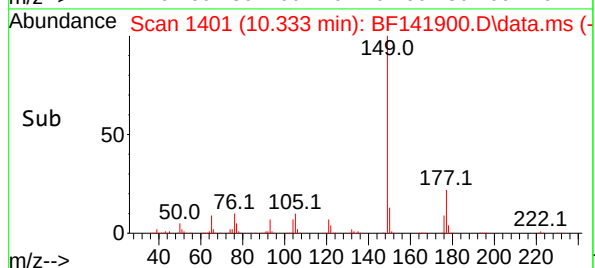
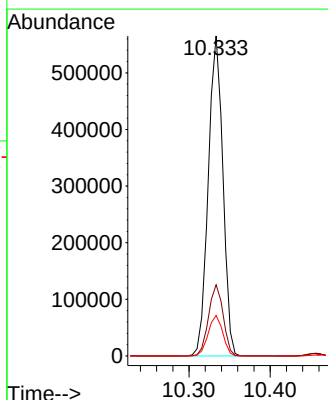
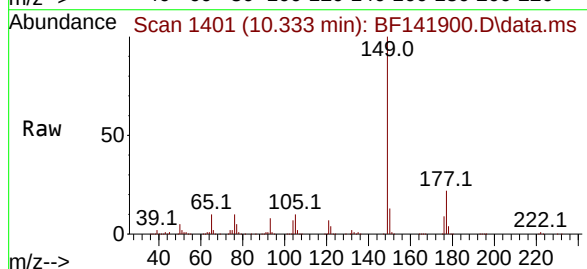
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

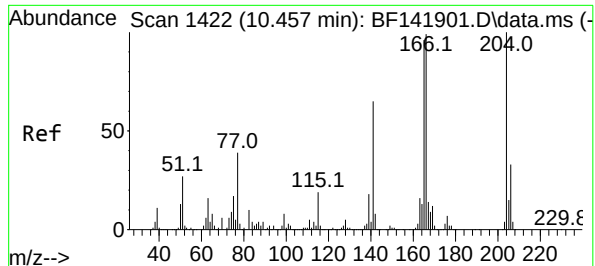
Tgt Ion:232 Resp: 183513
Ion Ratio Lower Upper
232 100
131 46.0 37.3 55.9
130 2.4 1.9 2.9
166 31.2 24.8 37.2



#60
Diethylphthalate
Concen: 21.468 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:149 Resp: 704993
Ion Ratio Lower Upper
149 100
177 22.3 18.0 27.0
150 12.6 10.2 15.4

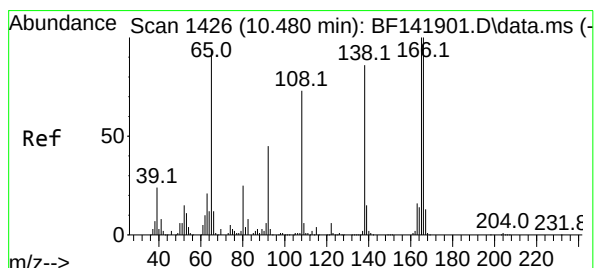
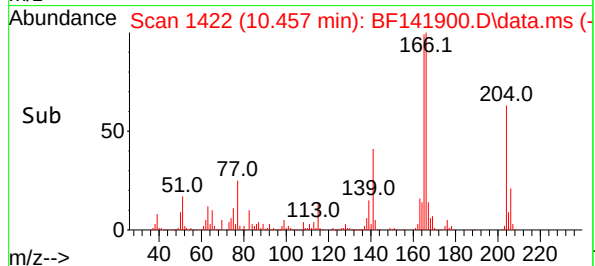
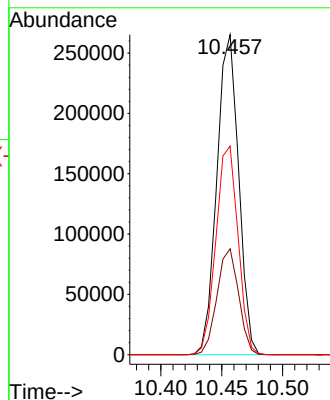
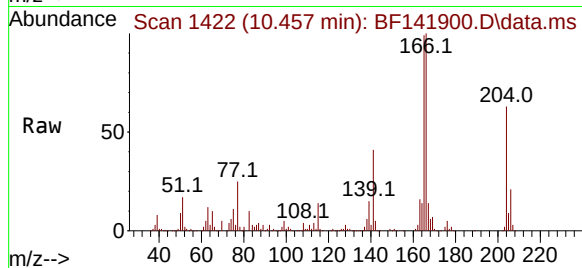




#61
4-Chlorophenyl-phenylether
Concen: 20.698 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

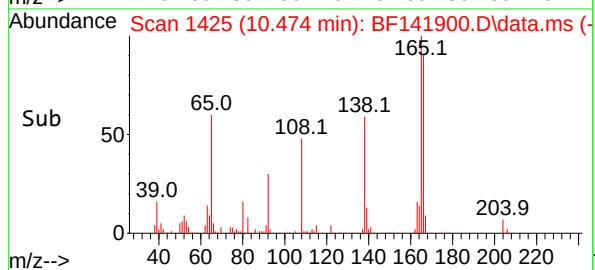
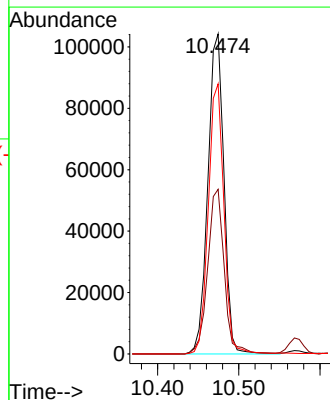
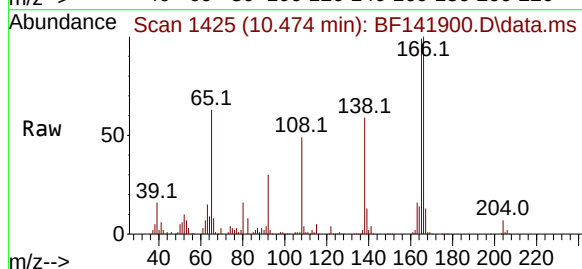
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

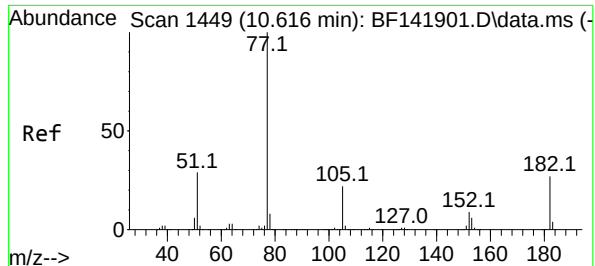
Tgt Ion:204 Resp: 330489
Ion Ratio Lower Upper
204 100
206 33.1 26.8 40.2
141 65.1 52.4 78.6



#62
4-Nitroaniline
Concen: 21.125 ng
RT: 10.474 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:138 Resp: 142995
Ion Ratio Lower Upper
138 100
92 51.4 32.6 72.6
108 84.4 65.0 105.0

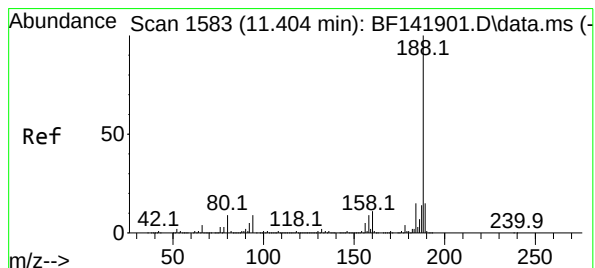
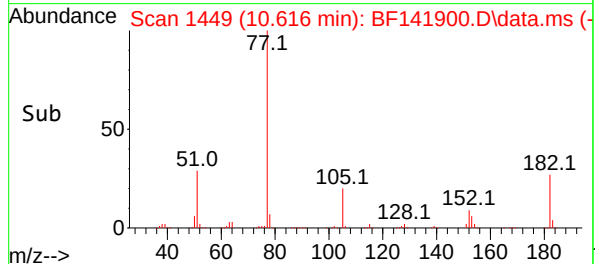
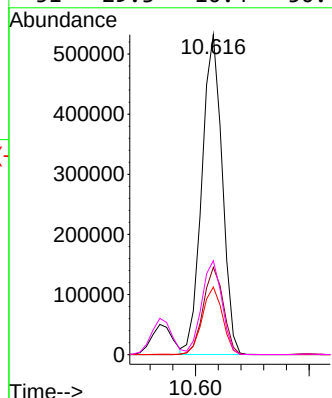
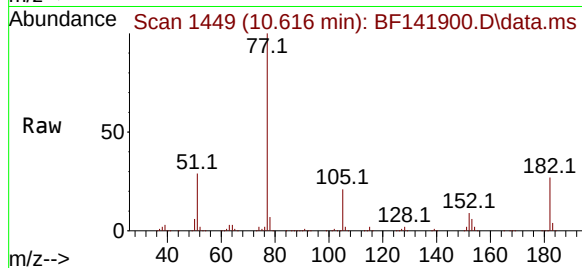




#63
Azobenzene
Concen: 21.665 ng
RT: 10.616 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

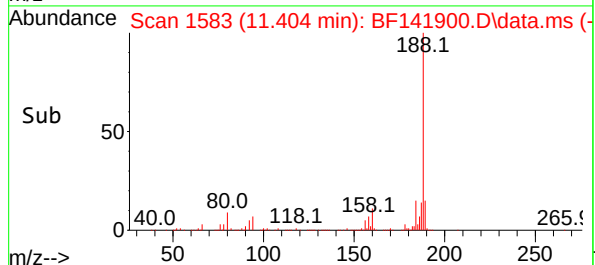
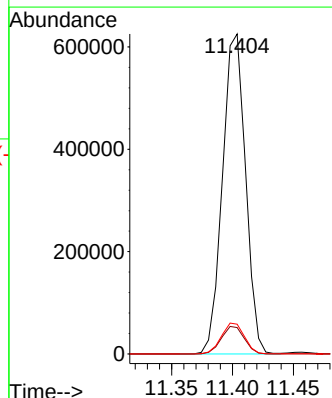
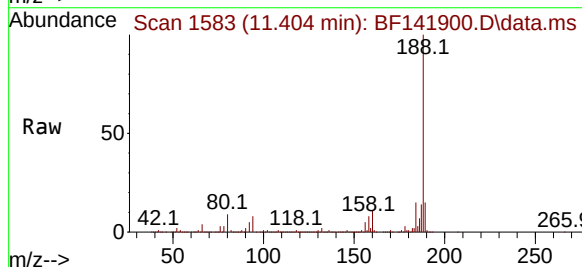
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

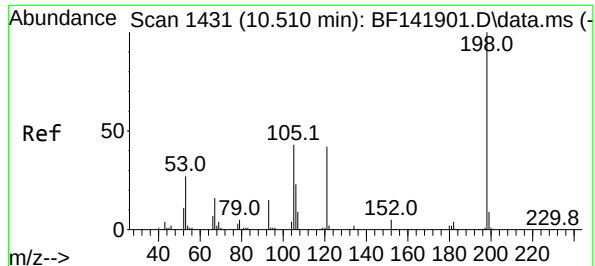
Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.3	6.6	46.6
105	21.2	1.3	41.3
51	29.3	10.4	50.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.8	10.2
80	9.3	7.6	11.4

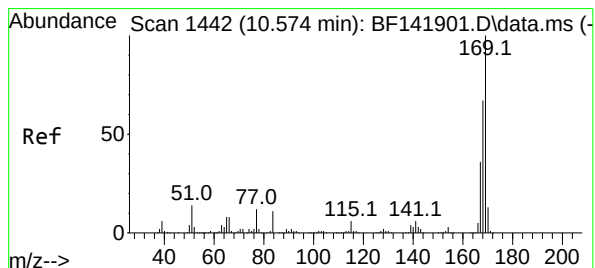
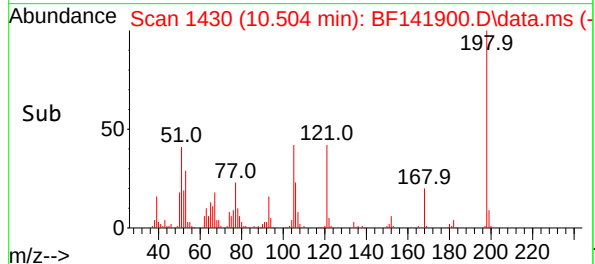
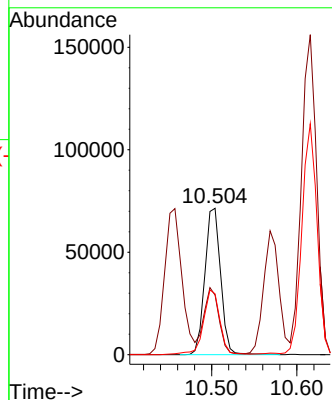
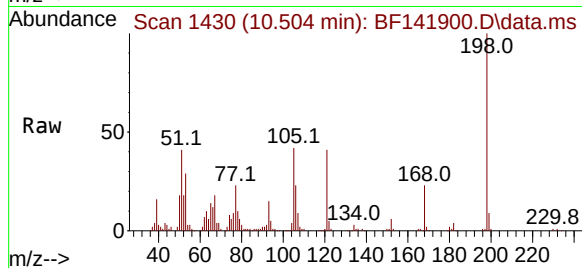




#65
4,6-Dinitro-2-methylphenol
Concen: 18.755 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

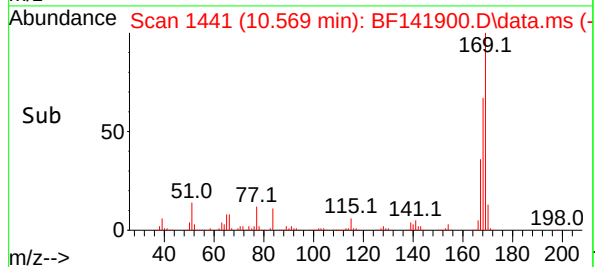
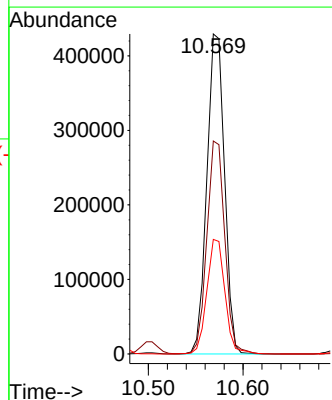
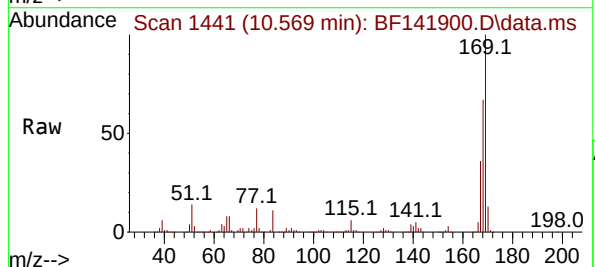
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

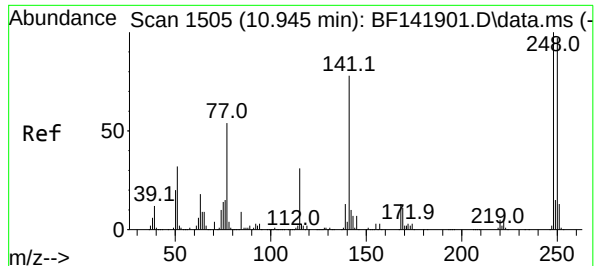
Tgt Ion:198	Resp:	91852
Ion Ratio	Lower	Upper
198	100	
51	40.7	22.3 62.3
105	41.6	23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 20.756 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:169	Resp:	553905
Ion Ratio	Lower	Upper
169	100	
168	66.6	53.7 80.5
167	35.8	29.2 43.8

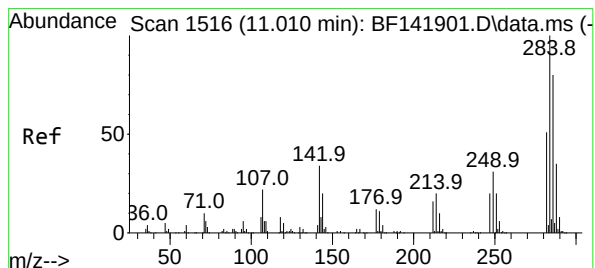
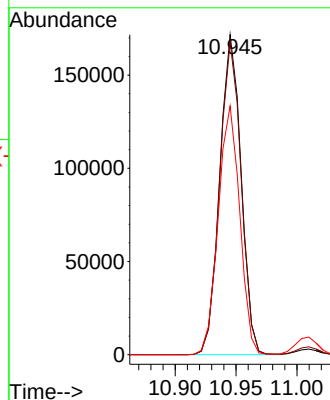
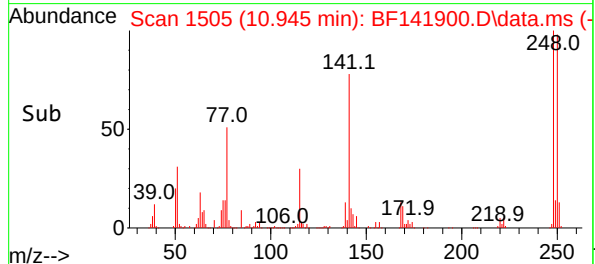
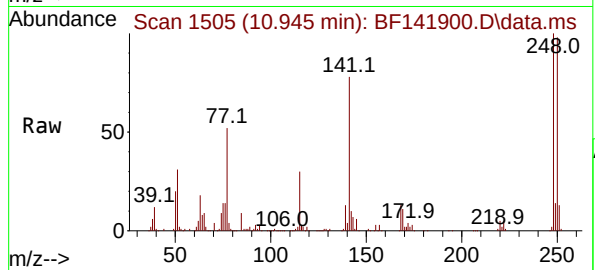




#67
4-Bromophenyl-phenylether
Concen: 20.436 ng
RT: 10.945 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

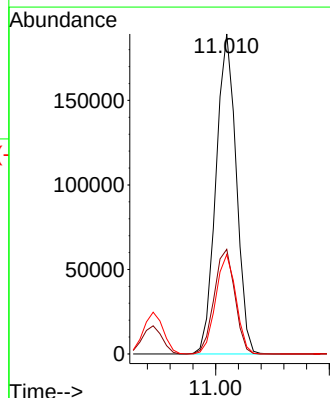
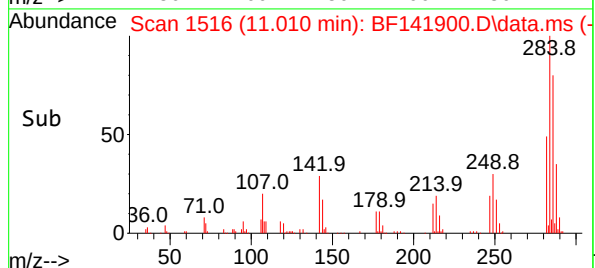
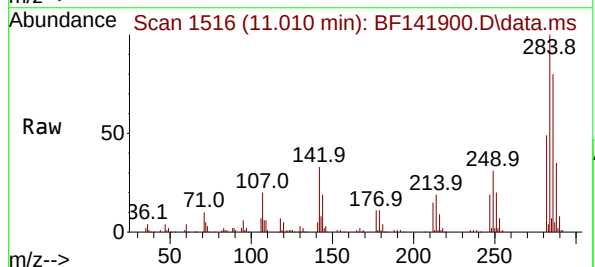
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

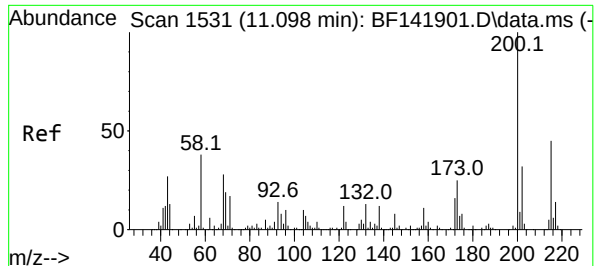
Tgt Ion:248 Resp: 210241
Ion Ratio Lower Upper
248 100
250 97.7 77.8 116.8
141 77.7 62.6 93.8



#68
Hexachlorobenzene
Concen: 20.613 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:284 Resp: 234399
Ion Ratio Lower Upper
284 100
142 32.7 27.0 40.6
249 31.1 25.2 37.8





#69

Atrazine

Concen: 24.481 ng

RT: 11.092 min Scan# 1531

Delta R.T. -0.006 min

Lab File: BF141900.D

Acq: 10 Mar 2025 12:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

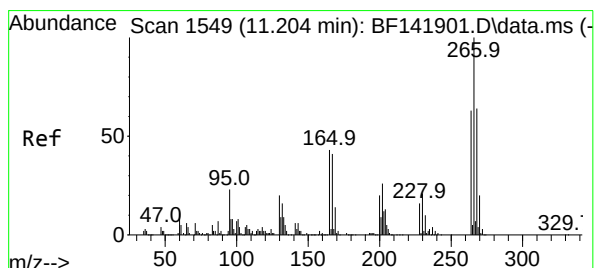
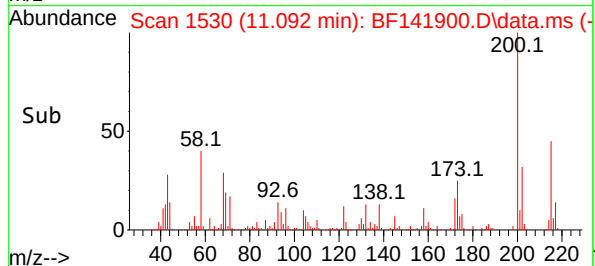
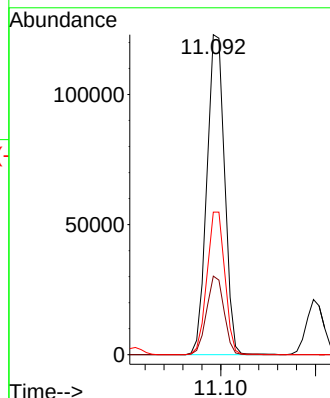
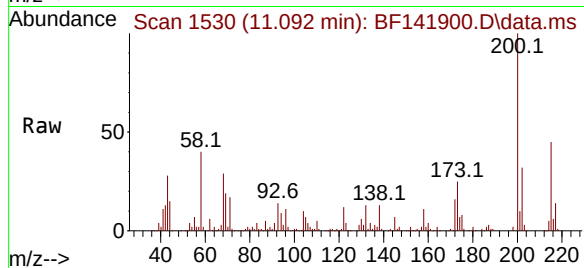
Tgt Ion:200 Resp: 159306

Ion Ratio Lower Upper

200 100

173 24.6 4.7 44.7

215 44.5 25.4 65.4



#70

Pentachlorophenol

Concen: 20.227 ng

RT: 11.198 min Scan# 1548

Delta R.T. -0.006 min

Lab File: BF141900.D

Acq: 10 Mar 2025 12:29

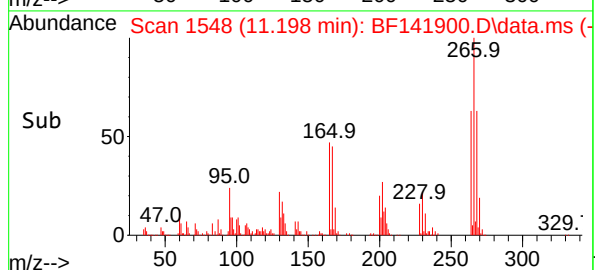
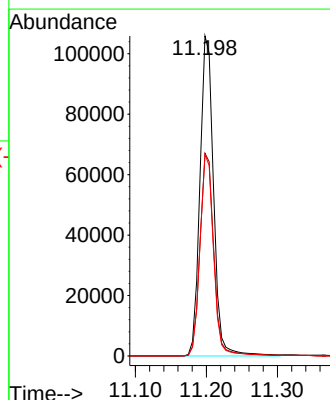
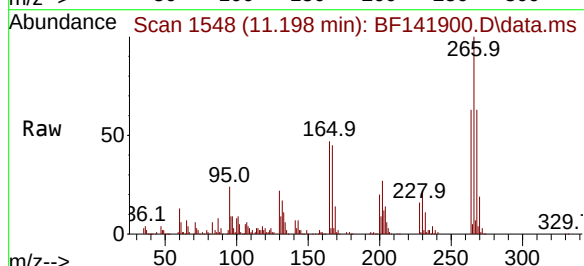
Tgt Ion:266 Resp: 141842

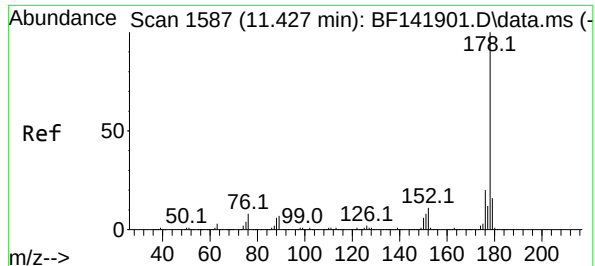
Ion Ratio Lower Upper

266 100

268 63.4 51.0 76.6

264 62.9 50.2 75.2

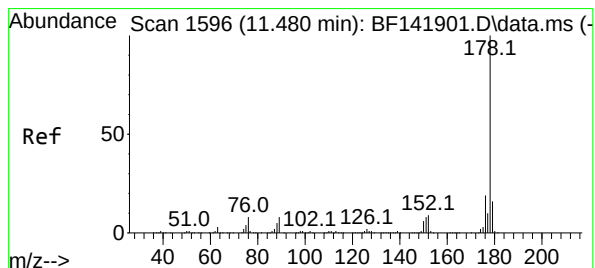
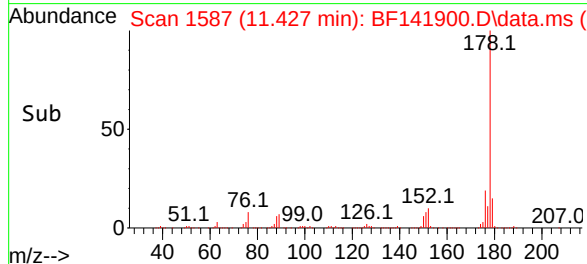
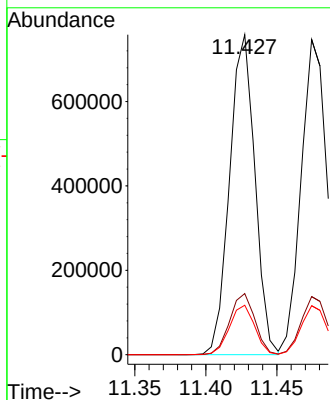
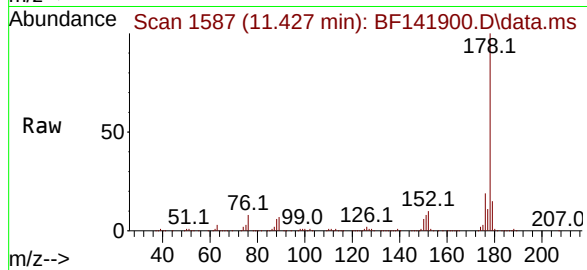




#71
Phenanthrene
Concen: 21.038 ng
RT: 11.427 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

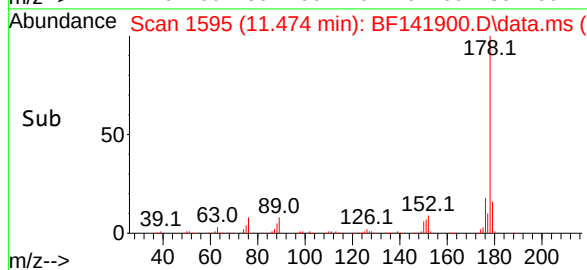
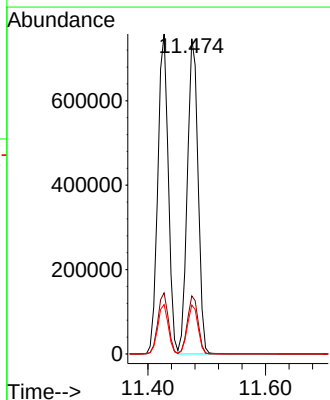
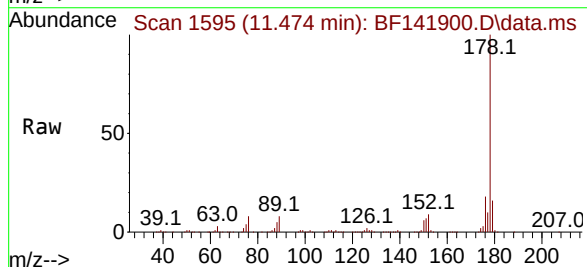
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

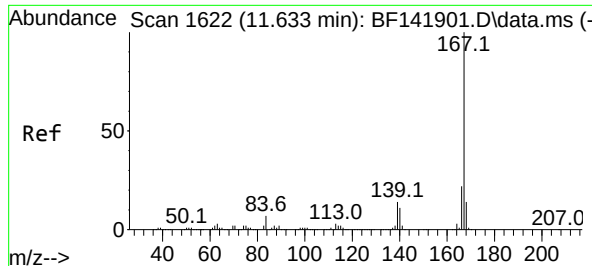
Tgt Ion:178 Resp: 939782
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.8
179 15.5 12.6 19.0



#72
Anthracene
Concen: 20.993 ng
RT: 11.474 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:178 Resp: 940875
Ion Ratio Lower Upper
178 100
176 18.4 15.1 22.7
179 15.5 12.6 19.0

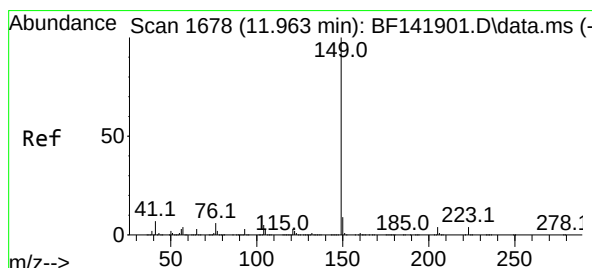
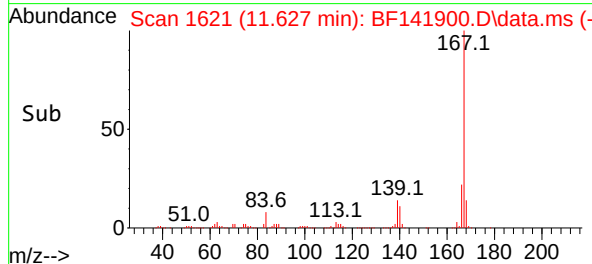
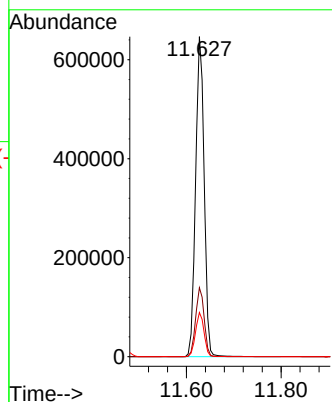
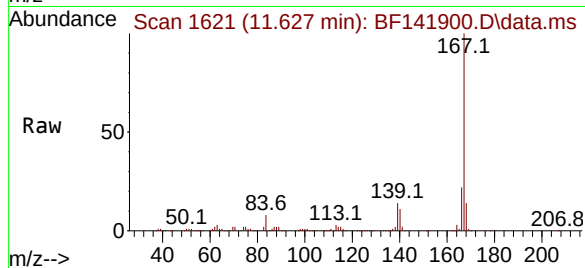




#73
Carbazole
Concen: 21.096 ng
RT: 11.627 min Scan# 1621
Delta R.T. -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

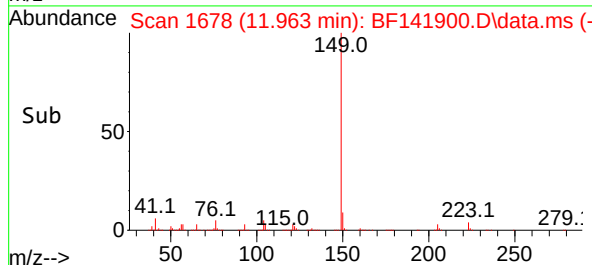
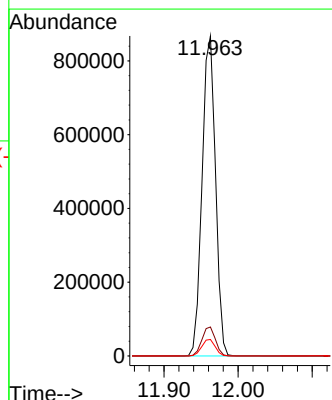
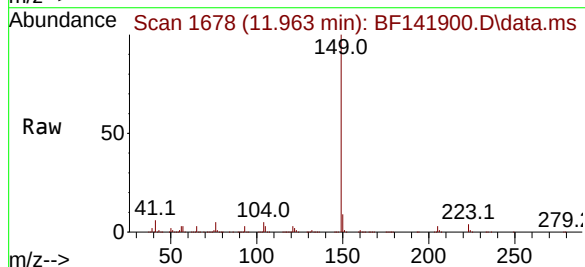
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

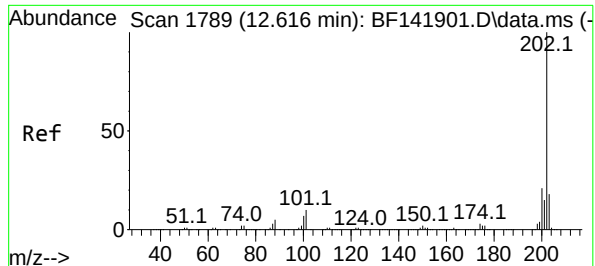
Tgt Ion:167 Resp: 813998
Ion Ratio Lower Upper
167 100
166 21.5 17.4 26.2
139 13.8 11.0 16.6



#74
Di-n-butylphthalate
Concen: 21.382 ng
RT: 11.963 min Scan# 1678
Delta R.T. 0.000 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:149 Resp: 1089304
Ion Ratio Lower Upper
149 100
150 9.1 7.6 11.4
104 5.2 4.4 6.6

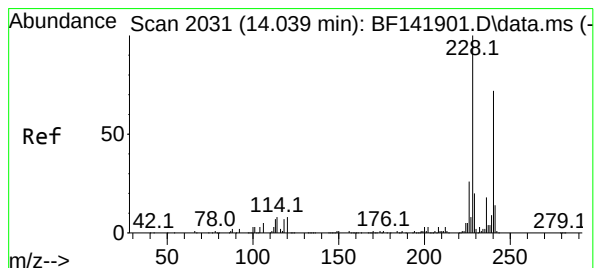
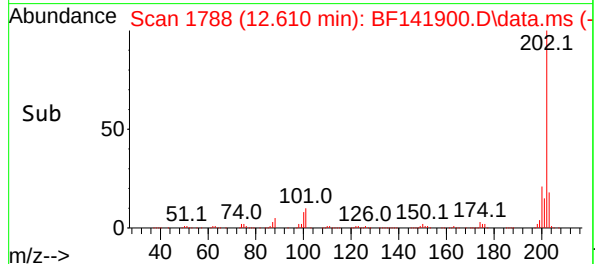
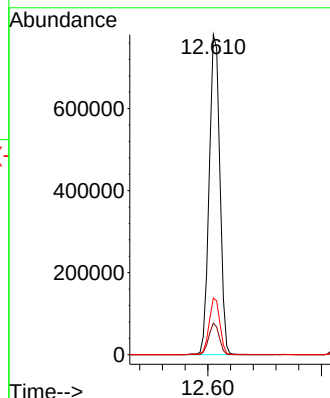
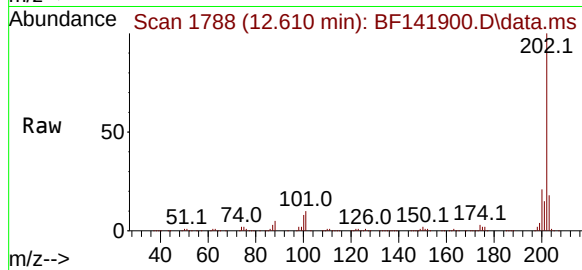




#75
Fluoranthene
Concen: 21.632 ng
RT: 12.610 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

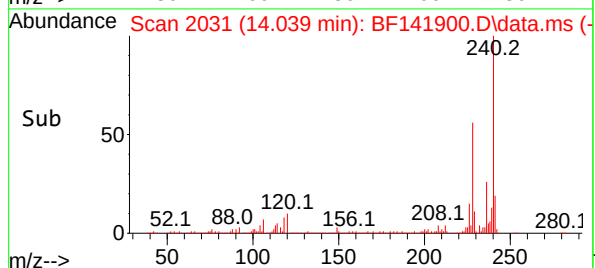
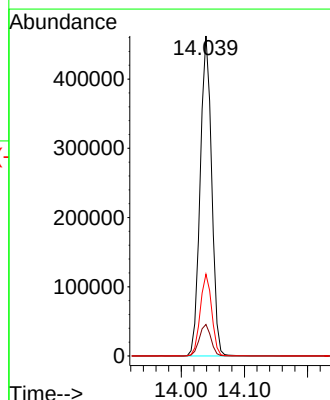
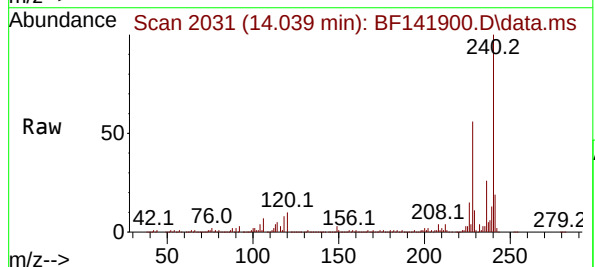
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

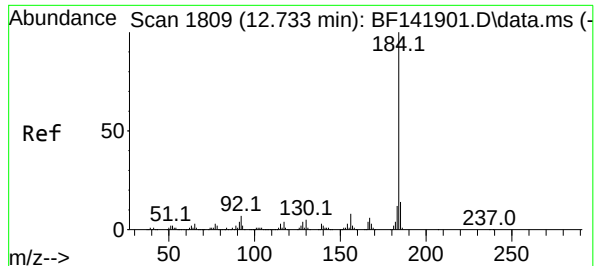
Tgt Ion:202 Resp: 1014464
Ion Ratio Lower Upper
202 100
101 9.9 0.0 29.7
203 17.7 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:240 Resp: 581591
Ion Ratio Lower Upper
240 100
120 9.9 8.4 12.6
236 25.6 20.5 30.7





#77

Benzidine

Concen: 13.463 ng

RT: 12.733 min Scan# 1809

Delta R.T. 0.000 min

Lab File: BF141900.D

Acq: 10 Mar 2025 12:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

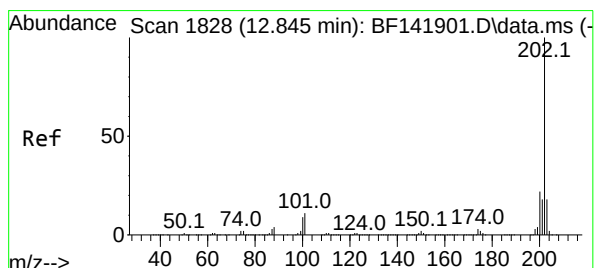
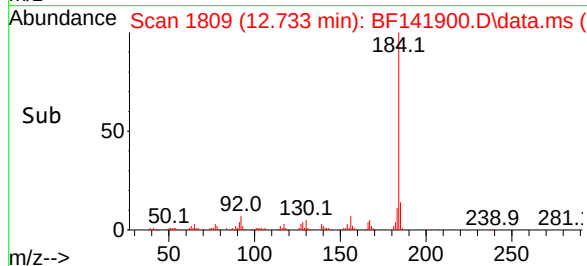
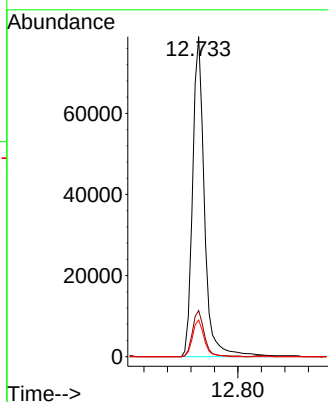
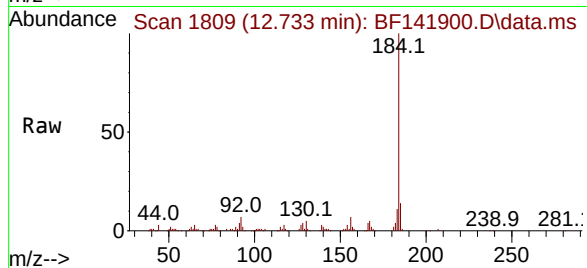
Tgt Ion:184 Resp: 110648

Ion Ratio Lower Upper

184 100

185 14.4 11.5 17.3

183 11.5 9.7 14.5



#78

Pyrene

Concen: 20.133 ng

RT: 12.839 min Scan# 1827

Delta R.T. -0.006 min

Lab File: BF141900.D

Acq: 10 Mar 2025 12:29

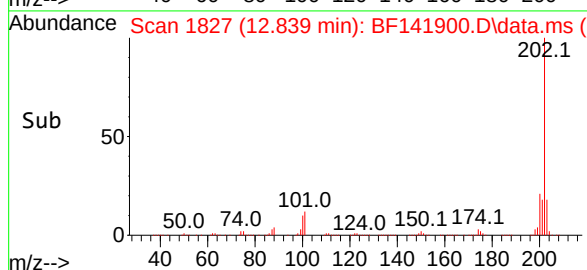
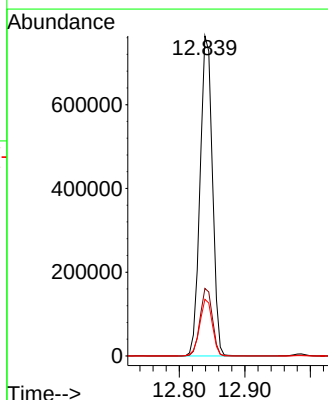
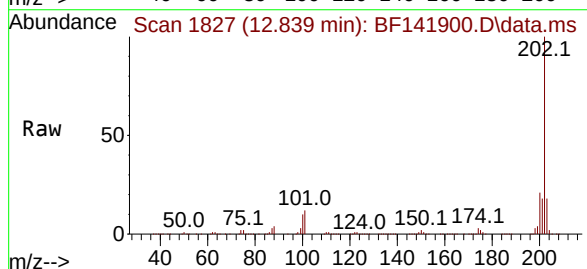
Tgt Ion:202 Resp: 1004157

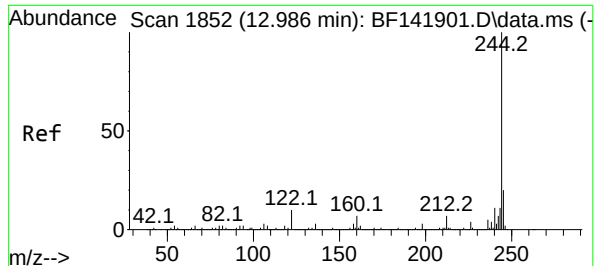
Ion Ratio Lower Upper

202 100

200 21.1 17.3 25.9

203 17.7 14.4 21.6





#79

Terphenyl-d14

Concen: 40.218 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BF141900.D

Acq: 10 Mar 2025 12:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

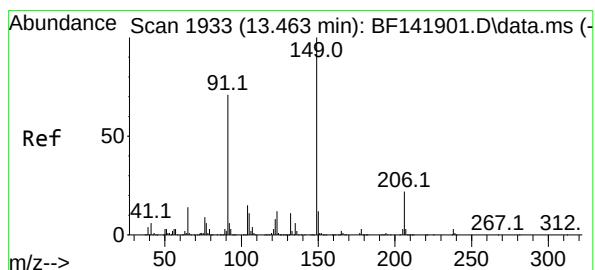
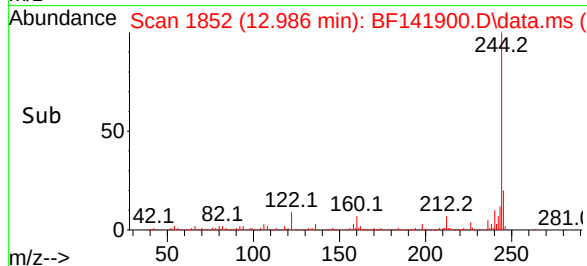
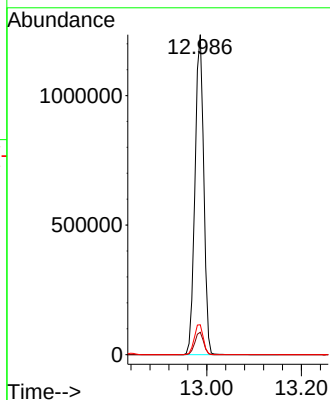
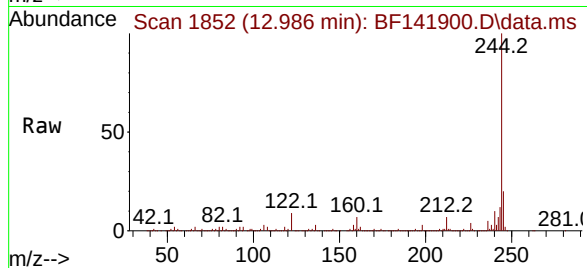
Tgt Ion:244 Resp: 1582373

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

122 9.4 7.7 11.5



#80

Butylbenzylphthalate

Concen: 20.761 ng

RT: 13.457 min Scan# 1932

Delta R.T. -0.006 min

Lab File: BF141900.D

Acq: 10 Mar 2025 12:29

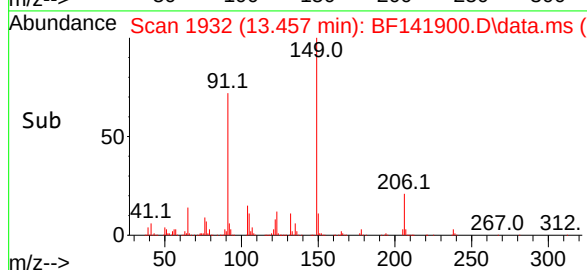
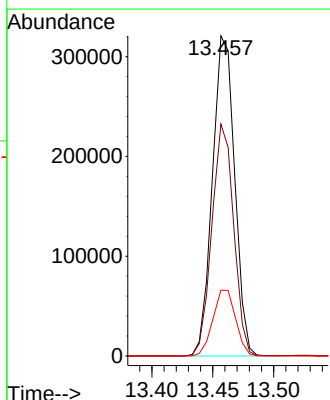
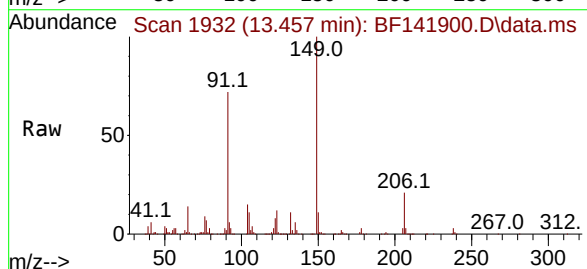
Tgt Ion:149 Resp: 408044

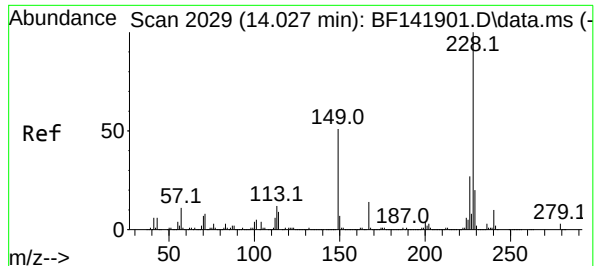
Ion Ratio Lower Upper

149 100

91 72.5 56.5 84.7

206 20.5 17.3 25.9

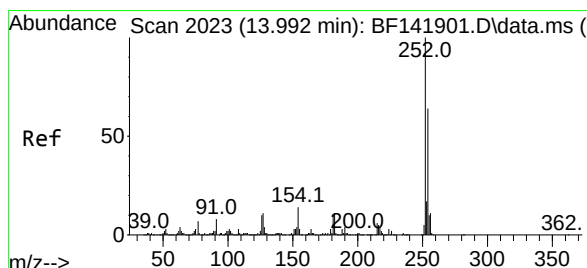
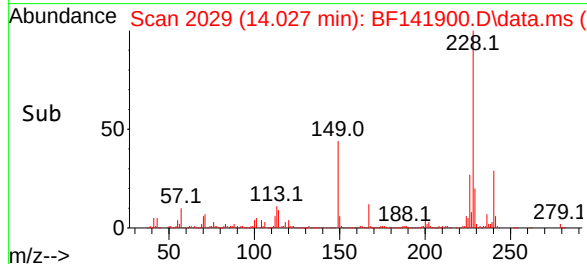
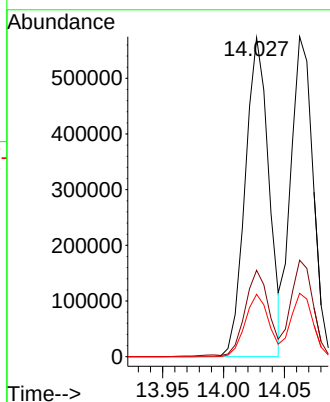
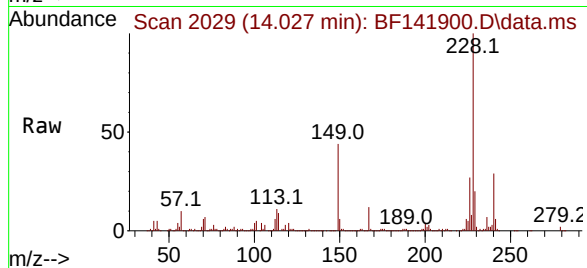




#81
Benzo(a)anthracene
Concen: 20.285 ng
RT: 14.027 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

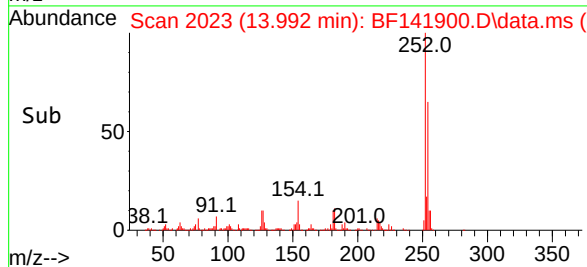
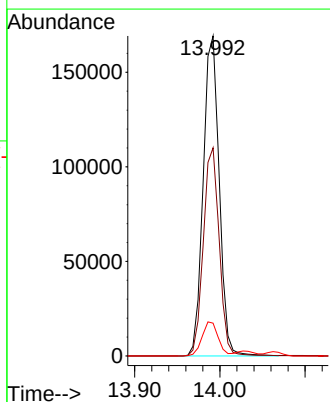
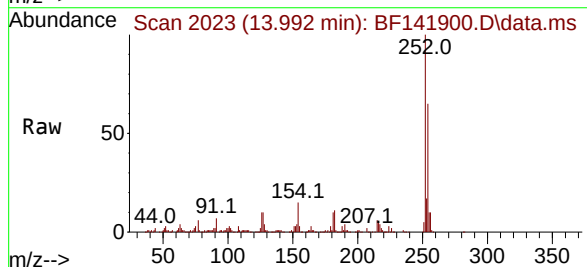
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

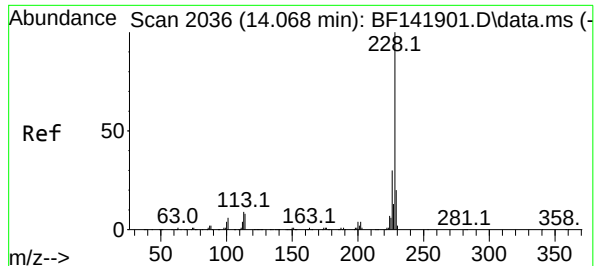
Tgt Ion:228 Resp: 776120
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 19.6 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 19.999 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:252 Resp: 221168
Ion Ratio Lower Upper
252 100
254 65.0 51.0 76.6
126 10.2 8.4 12.6

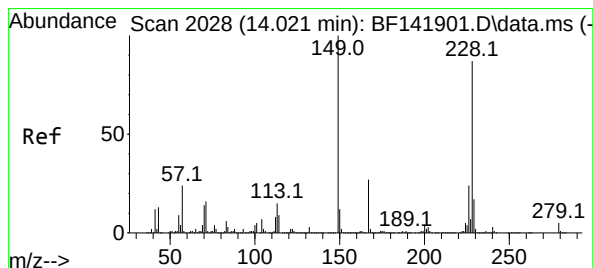
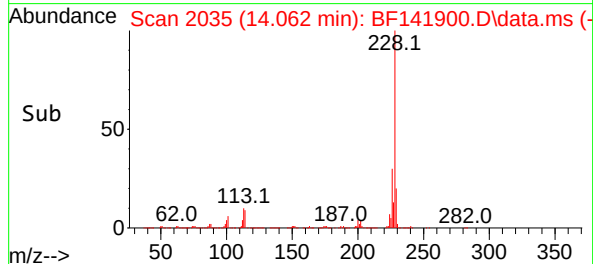
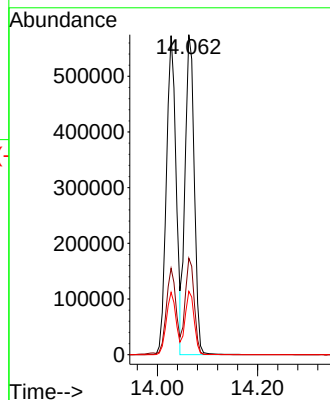
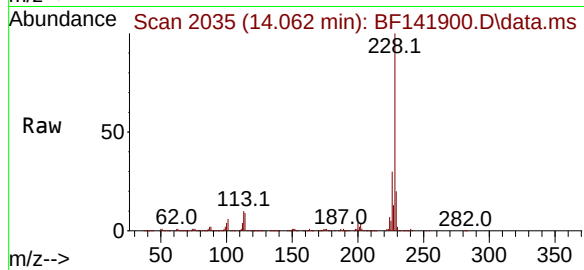




#83
Chrysene
Concen: 21.325 ng
RT: 14.062 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

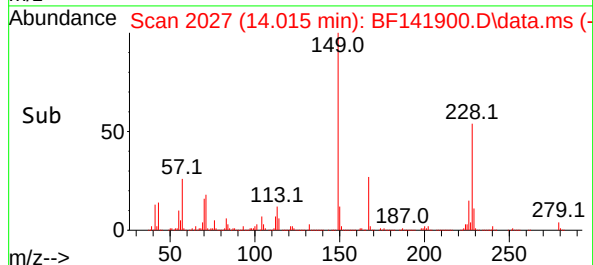
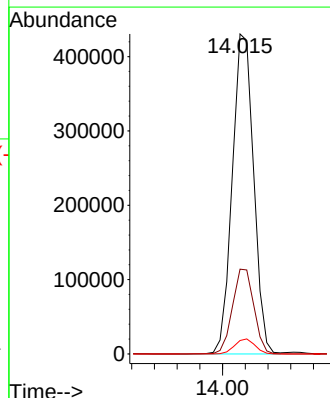
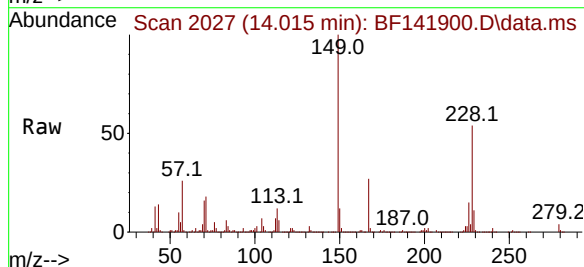
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

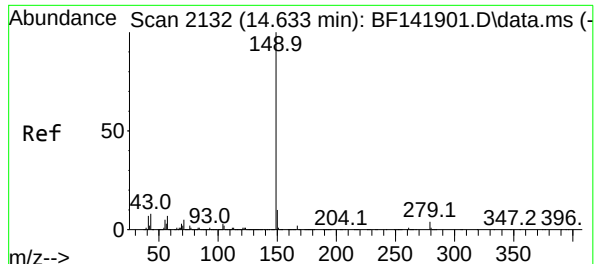
Tgt Ion:228 Resp: 732966
Ion Ratio Lower Upper
228 100
226 30.1 24.1 36.1
229 19.8 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 20.845 ng
RT: 14.015 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:149 Resp: 562062
Ion Ratio Lower Upper
149 100
167 26.5 21.4 32.0
279 4.2 3.8 5.6

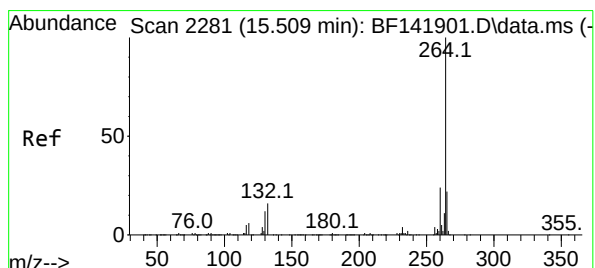
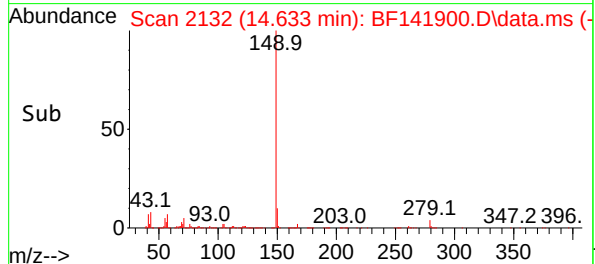
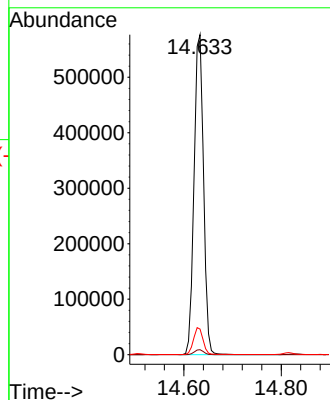
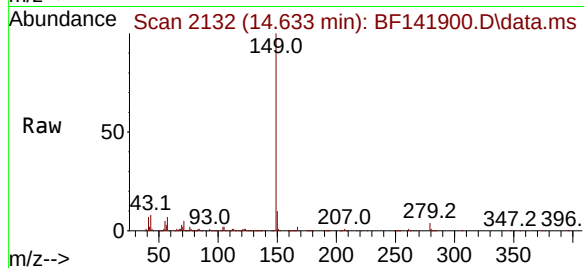




#85
Di-n-octyl phthalate
Concen: 20.740 ng
RT: 14.633 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

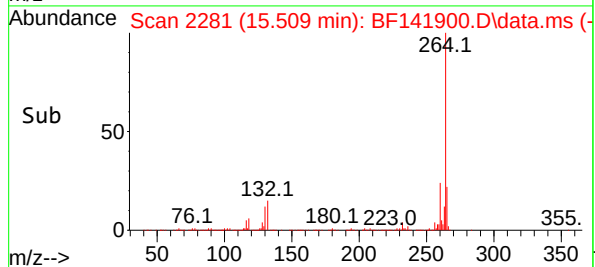
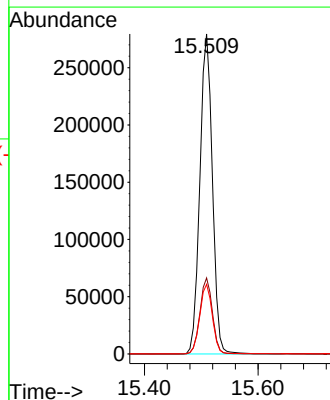
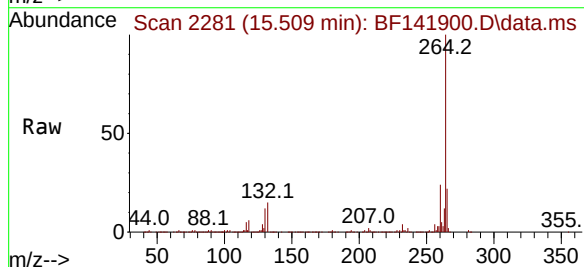
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

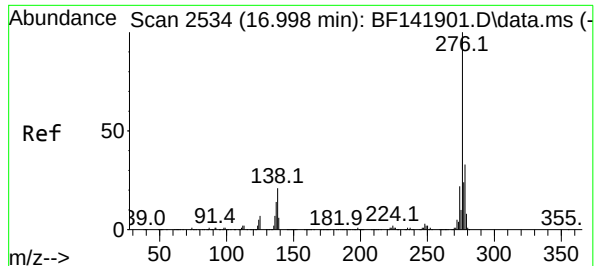
Tgt Ion:149 Resp: 778373
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 8.5 6.9 10.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.509 min Scan# 2281
Delta R.T. 0.000 min
Lab File: BF141900.D
Acq: 10 Mar 2025 12:29

Tgt Ion:264 Resp: 428960
Ion Ratio Lower Upper
264 100
260 23.8 19.1 28.7
265 21.7 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 20.163 ng

RT: 16.992 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF141900.D

Acq: 10 Mar 2025 12:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

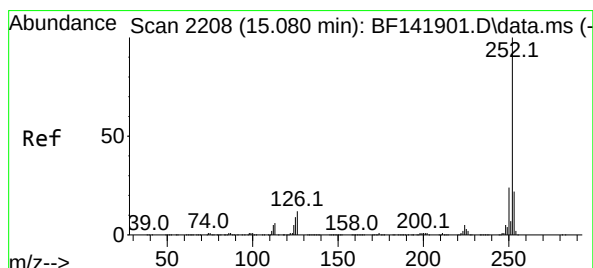
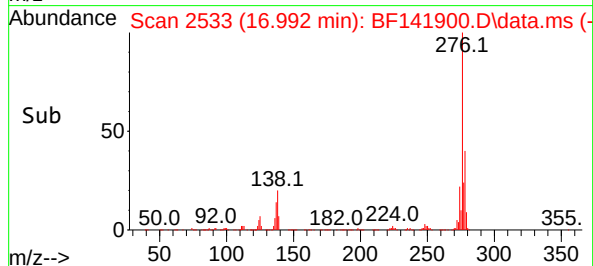
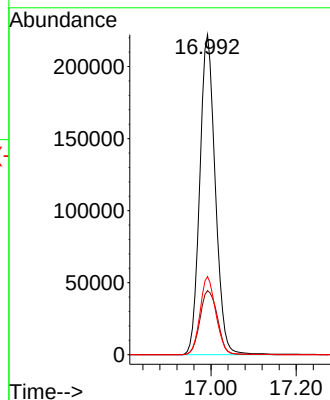
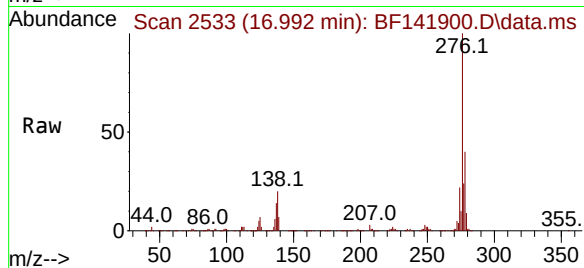
Tgt Ion:276 Resp: 560913

Ion Ratio Lower Upper

276 100

138 22.6 18.4 27.6

277 24.9 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 21.886 ng

RT: 15.074 min Scan# 2207

Delta R.T. -0.006 min

Lab File: BF141900.D

Acq: 10 Mar 2025 12:29

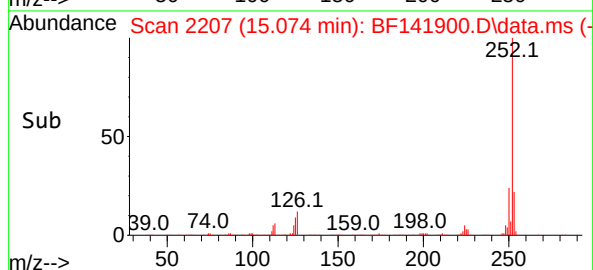
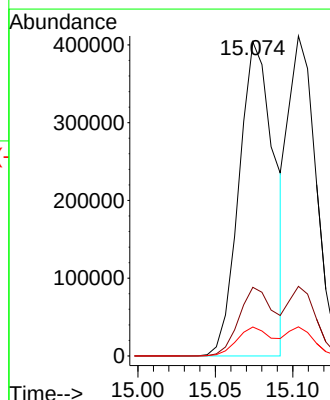
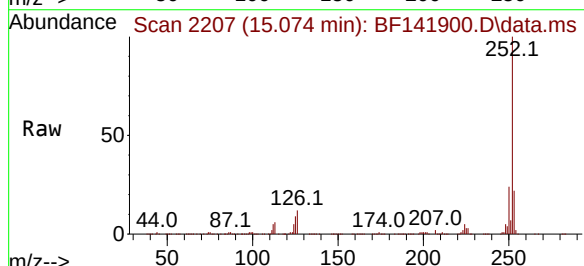
Tgt Ion:252 Resp: 636808

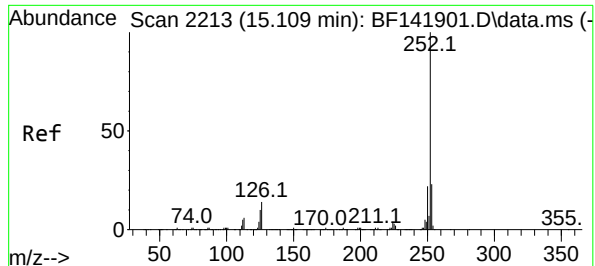
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 9.2 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 20.196 ng

RT: 15.104 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF141900.D

Acq: 10 Mar 2025 12:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

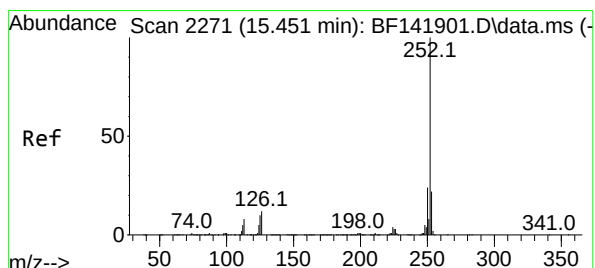
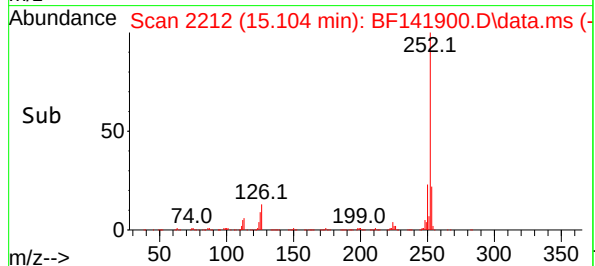
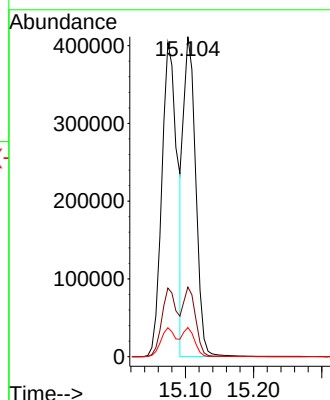
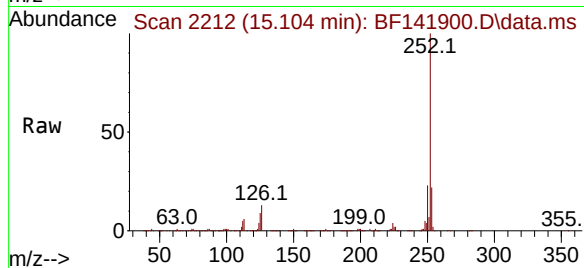
Tgt Ion:252 Resp: 513311

Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 9.1 7.2 10.8



#90

Benzo(a)pyrene

Concen: 20.991 ng

RT: 15.445 min Scan# 2270

Delta R.T. -0.006 min

Lab File: BF141900.D

Acq: 10 Mar 2025 12:29

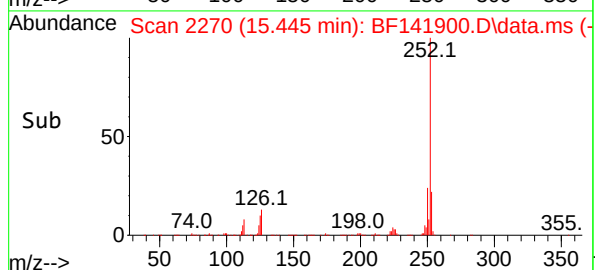
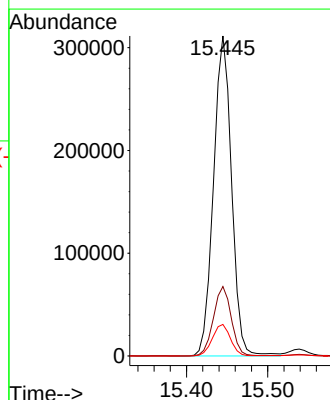
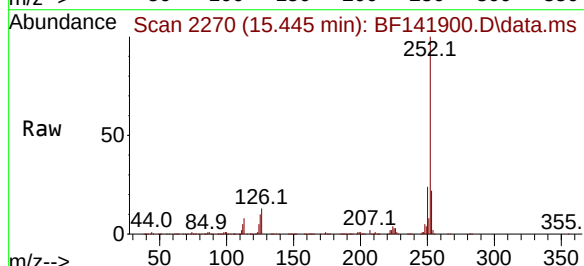
Tgt Ion:252 Resp: 481683

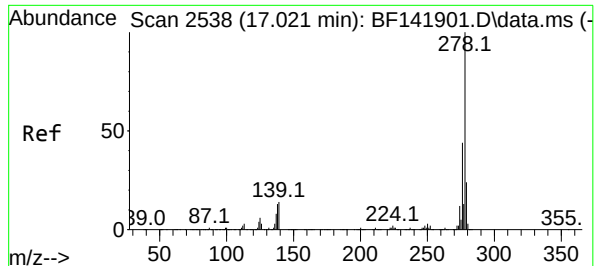
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 9.8 7.8 11.8





#91

Dibenzo(a,h)anthracene

Concen: 20.046 ng

RT: 17.009 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF141900.D

Acq: 10 Mar 2025 12:29

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

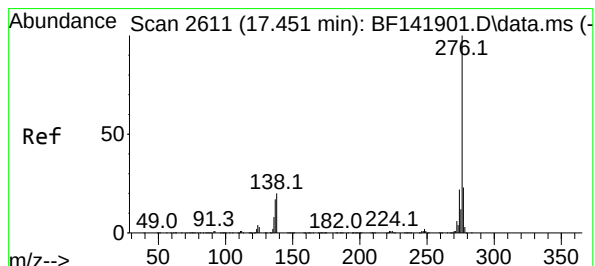
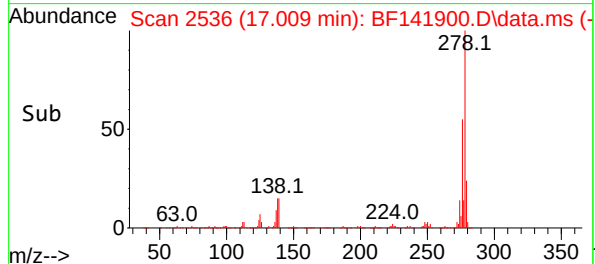
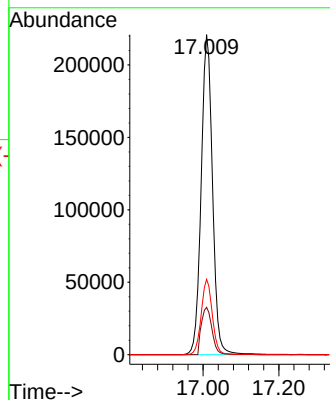
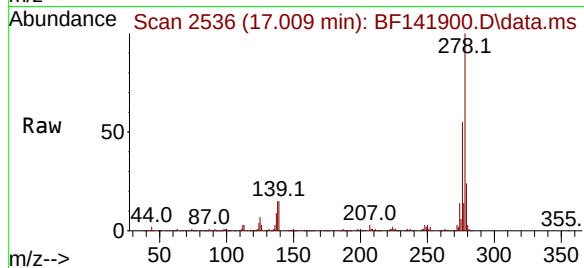
Tgt Ion:278 Resp: 460109

Ion Ratio Lower Upper

278 100

139 14.8 11.4 17.2

279 23.6 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 19.987 ng

RT: 17.439 min Scan# 2609

Delta R.T. -0.012 min

Lab File: BF141900.D

Acq: 10 Mar 2025 12:29

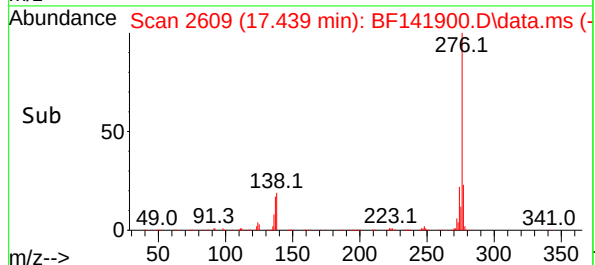
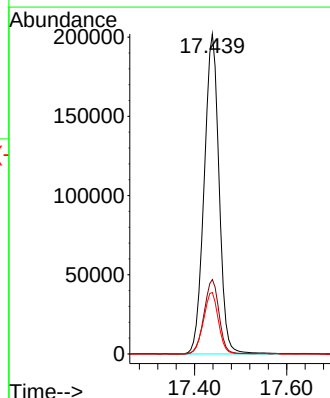
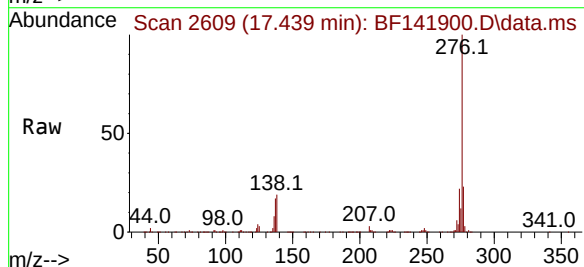
Tgt Ion:276 Resp: 455034

Ion Ratio Lower Upper

276 100

277 23.3 18.7 28.1

138 19.2 15.8 23.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
 Data File : BF141901.D
 Acq On : 10 Mar 2025 12:58
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: Mar 10 15:35:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:01:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	222904	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	874166	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	493744	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	839154	20.000	ng	0.00
76) Chrysene-d12	14.039	240	569865	20.000	ng	0.00
86) Perylene-d12	15.509	264	469286	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	1023722	76.628	ng	0.00
7) Phenol-d6	6.504	99	1285980	75.580	ng	0.00
23) Nitrobenzene-d5	7.445	82	1216280	77.983	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	493945	78.949	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2475837	76.357	ng	0.00
79) Terphenyl-d14	12.986	244	2908357	75.440	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.675	88	224795	40.148	ng	100
3) Pyridine	3.440	79	544434	39.565	ng	100
4) n-Nitrosodimethylamine	3.393	42	259739	39.710	ng	100
6) Aniline	6.545	93	653060	38.879	ng	100
8) 2-Chlorophenol	6.669	128	561230	37.902	ng	100
9) Benzaldehyde	6.434	77	346818	36.467	ng	100
10) Phenol	6.522	94	684724	38.141	ng	100
11) bis(2-Chloroethyl)ether	6.616	93	510214	37.932	ng	100
12) 1,3-Dichlorobenzene	6.822	146	611938	38.242	ng	100
13) 1,4-Dichlorobenzene	6.898	146	620951	38.355	ng	100
14) 1,2-Dichlorobenzene	7.051	146	581043	38.111	ng	100
15) Benzyl Alcohol	7.022	79	528444	38.371	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	607522	37.476	ng	100
17) 2-Methylphenol	7.128	107	449433	38.190	ng	100
18) Hexachloroethane	7.392	117	230613	37.993	ng	100
19) n-Nitroso-di-n-propyla...	7.298	70	407069	37.223	ng	100
20) 3+4-Methylphenols	7.281	107	576902	38.219	ng	100
22) Acetophenone	7.292	105	804747	38.376	ng	100
24) Nitrobenzene	7.463	77	604738	39.106	ng	100
25) Isophorone	7.704	82	1049049	38.097	ng	100
26) 2-Nitrophenol	7.781	139	305349	40.295	ng	100
27) 2,4-Dimethylphenol	7.810	122	403621	38.671	ng	100
28) bis(2-Chloroethoxy)met...	7.910	93	650344	37.702	ng	100
29) 2,4-Dichlorophenol	8.016	162	500239	38.619	ng	100
30) 1,2,4-Trichlorobenzene	8.104	180	541182	37.870	ng	100
31) Naphthalene	8.186	128	1719643	38.400	ng	100
32) Benzoic acid	7.928	122	363328	39.827	ng	100
33) 4-Chloroaniline	8.228	127	613535	38.824	ng	100
34) Hexachlorobutadiene	8.304	225	355740	38.285	ng	100
35) Caprolactam	8.604	113	147056	37.335	ng	100
36) 4-Chloro-3-methylphenol	8.704	107	555328	38.549	ng	100
37) 2-Methylnaphthalene	8.875	142	1141228	37.983	ng	100
38) 1-Methylnaphthalene	8.975	142	1089576	37.447	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	584322	38.814	ng	100
41) Hexachlorocyclopentadiene	9.028	237	246666	41.523	ng	100
43) 2,4,6-Trichlorophenol	9.145	196	392696	40.014	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
 Data File : BF141901.D
 Acq On : 10 Mar 2025 12:58
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: Mar 10 15:35:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:01:52 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	384539	38.566	ng	100
46) 1,1'-Biphenyl	9.339	154	1436040	38.362	ng	100
47) 2-Chloronaphthalene	9.363	162	1077099	38.609	ng	100
48) 2-Nitroaniline	9.457	65	318068	39.690	ng	100
49) Acenaphthylene	9.780	152	1614250	39.029	ng	100
50) Dimethylphthalate	9.639	163	1312856	38.270	ng	100
51) 2,6-Dinitrotoluene	9.698	165	281695	39.486	ng	100
52) Acenaphthene	9.951	154	1132087	38.764	ng	100
53) 3-Nitroaniline	9.869	138	289208	39.481	ng	100
54) 2,4-Dinitrophenol	9.969	184	140024	38.116	ng	100
55) Dibenzofuran	10.122	168	1593454	38.266	ng	100
56) 4-Nitrophenol	10.016	139	227070	41.266	ng	100
57) 2,4-Dinitrotoluene	10.104	165	370337	39.437	ng	100
58) Fluorene	10.469	166	1213316	37.742	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	354863	39.225	ng	100
60) Diethylphthalate	10.339	149	1319116	38.304	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	635445	37.950	ng	100
62) 4-Nitroaniline	10.480	138	284615	40.097	ng	100
63) Azobenzene	10.616	77	1229473	38.432	ng	100
65) 4,6-Dinitro-2-methylph...	10.510	198	203106	40.827	ng	100
66) n-Nitrosodiphenylamine	10.574	169	1041349	38.415	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	409602	39.195	ng	100
68) Hexachlorobenzene	11.010	284	452189	39.146	ng	100
69) Atrazine	11.098	200	275084	41.614	ng	100
70) Pentachlorophenol	11.204	266	297893	41.818	ng	100
71) Phenanthrene	11.427	178	1741309	38.373	ng	100
72) Anthracene	11.480	178	1756035	38.571	ng	100
73) Carbazole	11.633	167	1524663	38.898	ng	100
74) Di-n-butylphthalate	11.963	149	1975625	38.175	ng	100
75) Fluoranthene	12.616	202	1860202	39.049	ng	100
77) Benzidine	12.733	184	410026	50.915	ng	100
78) Pyrene	12.845	202	1835917	37.567	ng	100
80) Butylbenzylphthalate	13.463	149	746613	38.769	ng	100
81) Benzo(a)anthracene	14.027	228	1451332	38.713	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	423835	39.114	ng	100
83) Chrysene	14.068	228	1294538	38.439	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	1029987	38.985	ng	100
85) Di-n-octyl phthalate	14.633	149	1441248	39.193	ng	100
87) Indeno(1,2,3-cd)pyrene	16.998	276	1207616	39.681	ng	100
88) Benzo(b)fluoranthene	15.080	252	1135547	35.673	ng	100
89) Benzo(k)fluoranthene	15.109	252	1130615	40.661	ng	100
90) Benzo(a)pyrene	15.451	252	972220	38.727	ng	100
91) Dibenzo(a,h)anthracene	17.021	278	1002747	39.933	ng	100
92) Benzo(g,h,i)perylene	17.451	276	999947	40.149	ng	100

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

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

TIC: BF141901.D\data.ms

Abundance

Time-->

1,4-Dioxane

n-Nitrosodiphenylamine,

2-Fluorophenol,S

Benzaldehyde

Phenol-d6,S

Chloroethoxychlorophenol

1,4-Dichlorobenzene,d6-1,4-DCB

1,2-Dichlorobenzene

2,2'-oxybis(1-Chlorophenol)

Nitrobenzene-d5,S

Hexachlorocyclopentadiene

2-Nitrophenol,S

Benzoic acid

2-Nitrofluorene

4-Chloro-3-methylphenol,C

Caprolactam

2-Nitroaniline

2-Chlorophthalate

Acenaphthylene

Dibenzofuran

Acenaphthene,C

Diethylphthalate

Azobenzene

4-Ethoxyphenyl-phenylether

Pentachlorophenol,C

Atrazine

Carbazole

Di-n-butylphthalate

Fluoranthene,C

Pyrene

Butylbenzylphthalate

2,3'-Dichlorobenzidine

Di-n-octyl phthalate,c

Benzo(a)pyrene

Perylene-d12,l

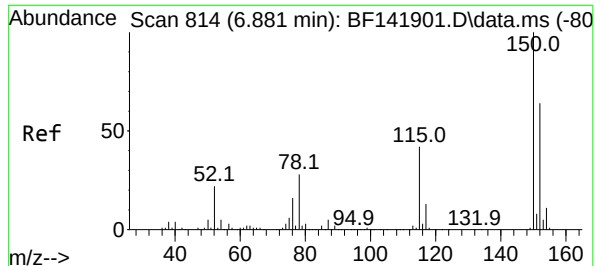
Benzo(a)pyrene,C

Indeno(1,2,3-cd)pyrene

Benzo(g,h,i)perylene

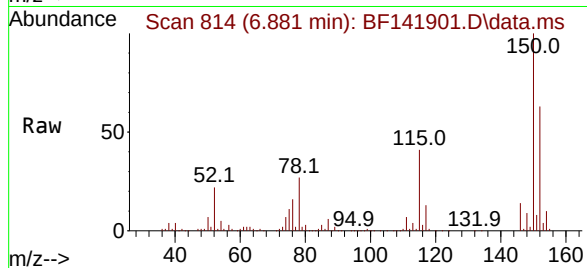
Terphenyl-d14,S

Ben(z,e,f,g,h,i,j,k,l,m,n,o,p,q,r,s,t,u,v,w,x,y,z)-phthalate

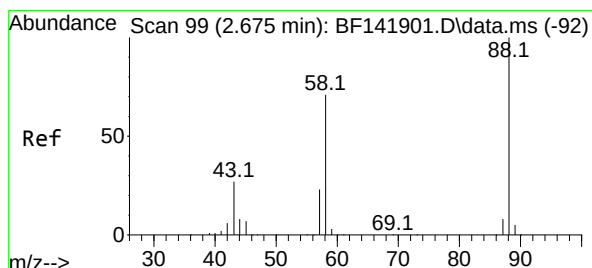
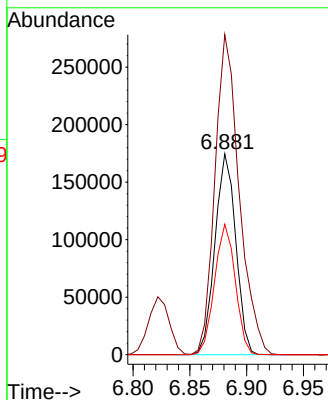
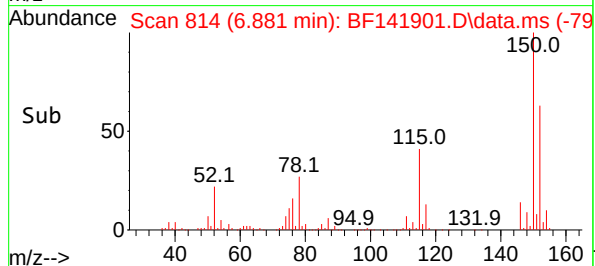


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

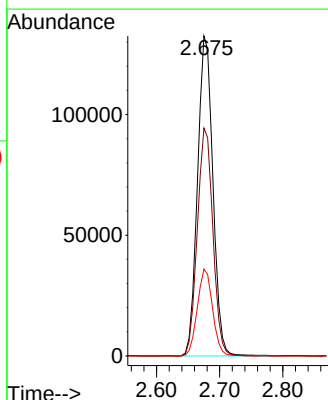
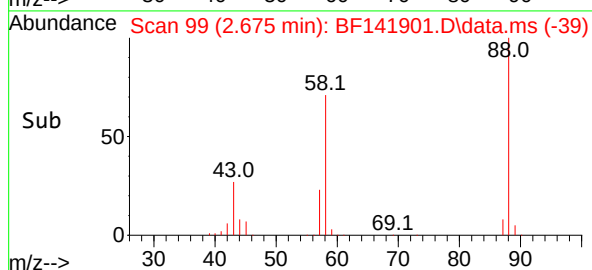
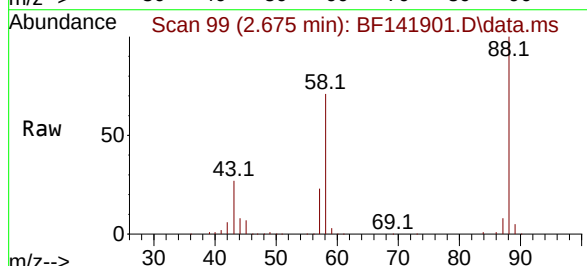


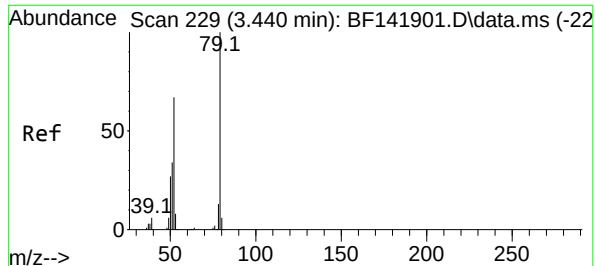
Tgt Ion:152 Resp: 222904
Ion Ratio Lower Upper
152 100
150 159.3 127.4 191.2
115 64.9 51.9 77.9



#2
1,4-Dioxane
Concen: 40.148 ng
RT: 2.675 min Scan# 99
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion: 88 Resp: 224795
Ion Ratio Lower Upper
88 100
58 71.8 57.4 86.2
43 26.9 21.5 32.3





#3

Pyridine

Concen: 39.565 ng

RT: 3.440 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

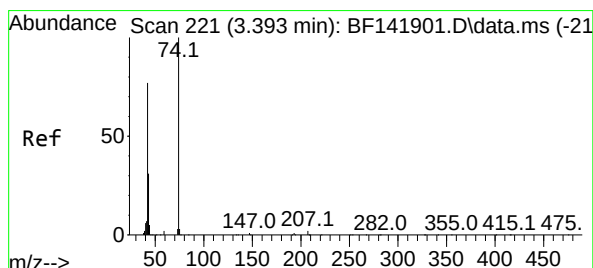
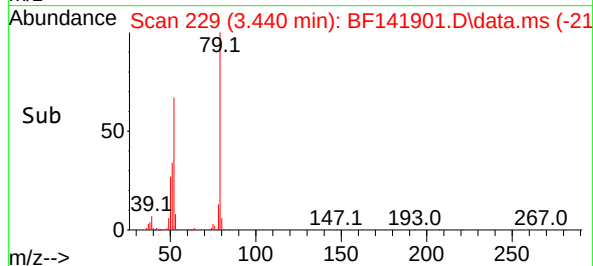
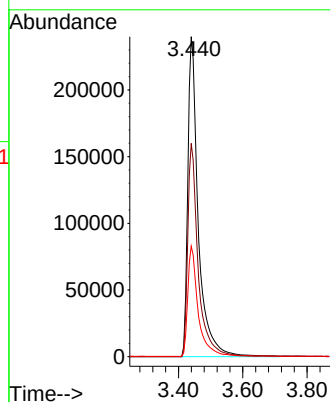
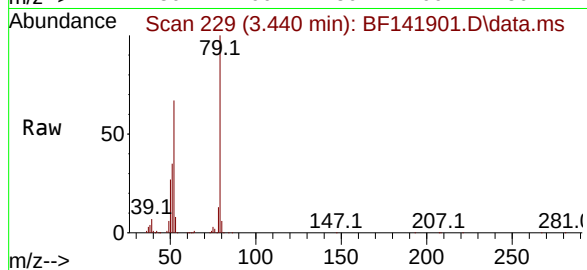
Tgt Ion: 79 Resp: 544434

Ion Ratio Lower Upper

79 100

52 66.6 53.3 79.9

51 34.5 27.6 41.4



#4

n-Nitrosodimethylamine

Concen: 39.710 ng

RT: 3.393 min Scan# 221

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

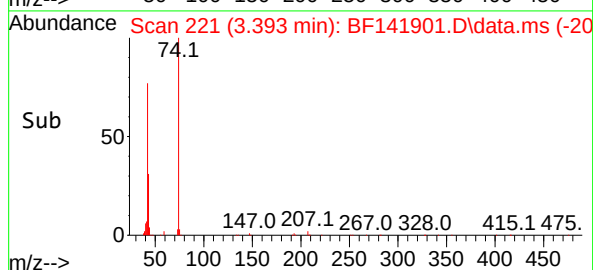
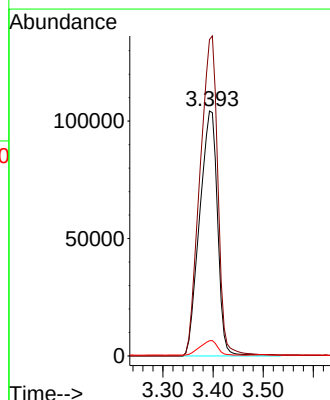
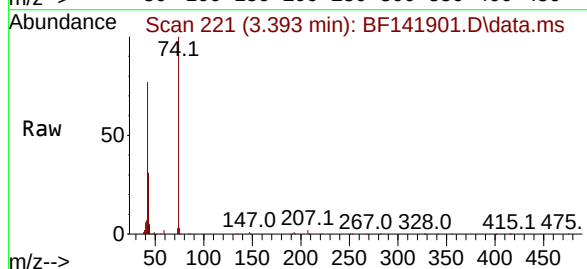
Tgt Ion: 42 Resp: 259739

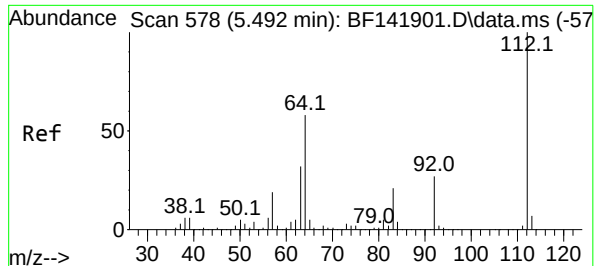
Ion Ratio Lower Upper

42 100

74 129.2 103.4 155.0

44 6.2 5.0 7.4

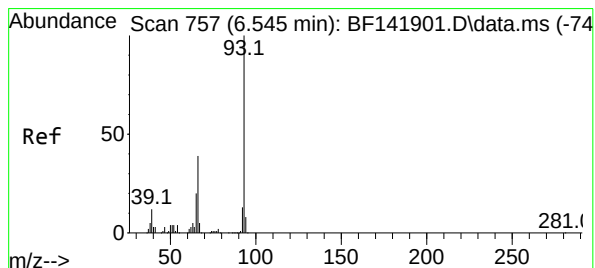
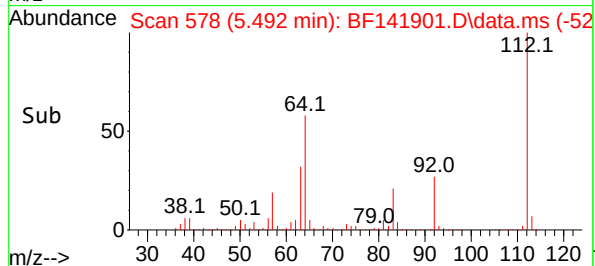
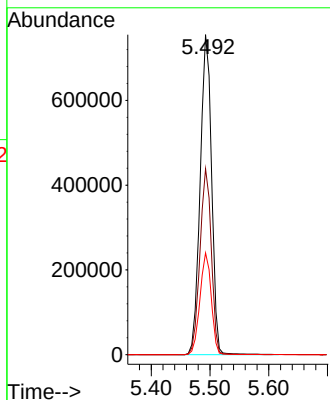
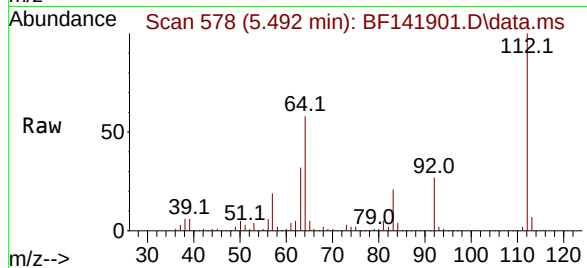




#5
2-Fluorophenol
Concen: 76.628 ng
RT: 5.492 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

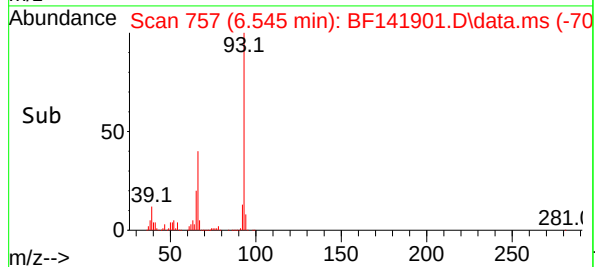
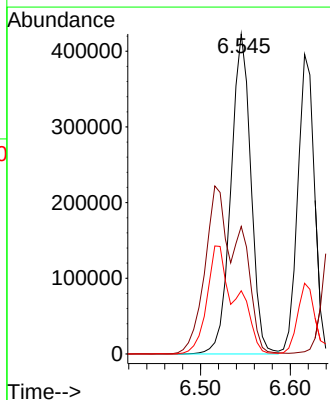
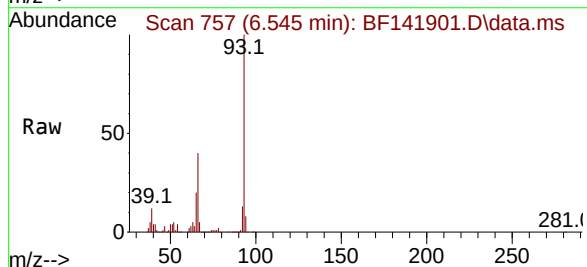
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

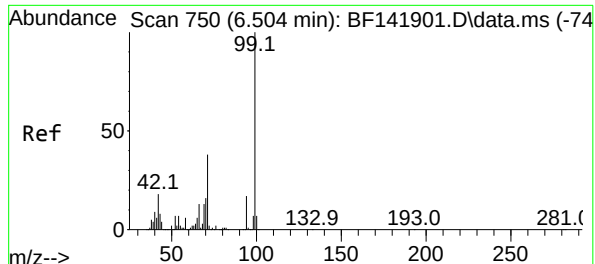
Tgt Ion:112 Resp: 1023722
Ion Ratio Lower Upper
112 100
64 58.1 46.5 69.7
63 31.8 25.4 38.2



#6
Aniline
Concen: 38.879 ng
RT: 6.545 min Scan# 757
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion: 93 Resp: 653060
Ion Ratio Lower Upper
93 100
66 39.9 31.9 47.9
65 19.7 15.8 23.6





#7

Phenol-d6

Concen: 75.580 ng

RT: 6.504 min Scan# 750

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

Instrument :

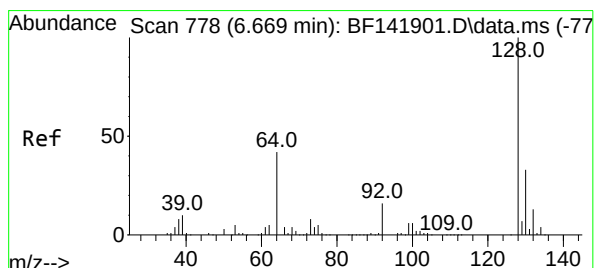
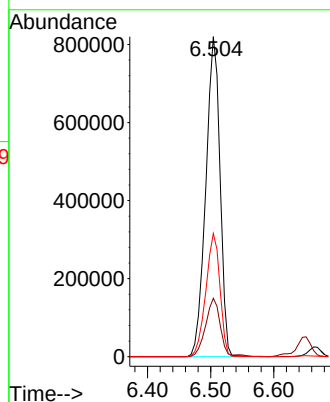
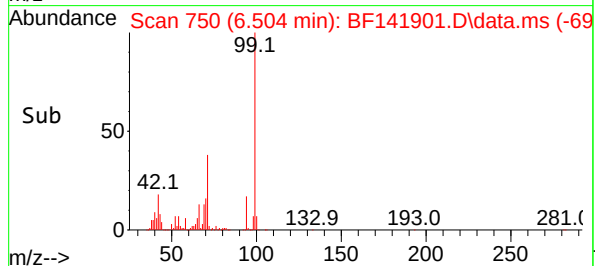
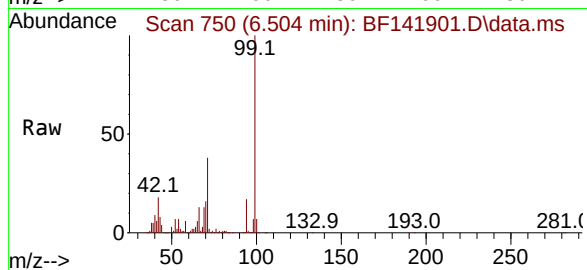
BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 99 Resp: 1285980

Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.6	21.8
71	38.5	30.8	46.2



#8

2-Chlorophenol

Concen: 37.902 ng

RT: 6.669 min Scan# 778

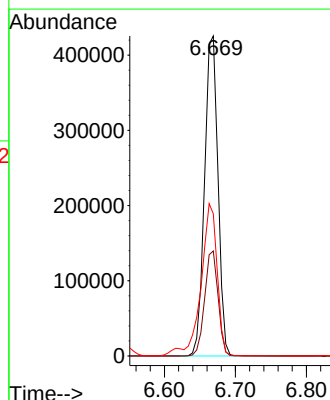
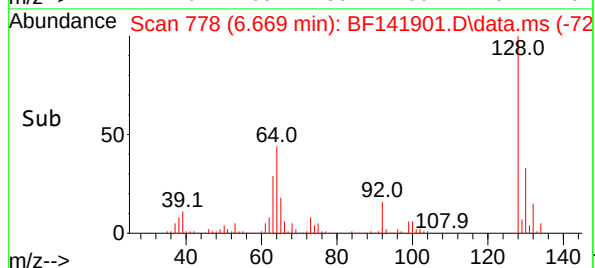
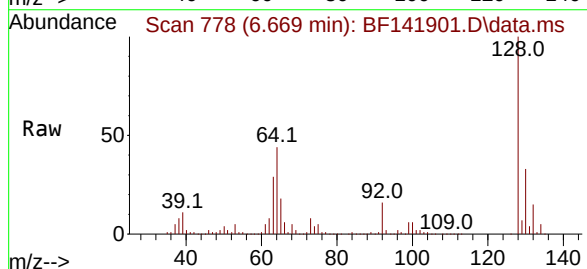
Delta R.T. 0.000 min

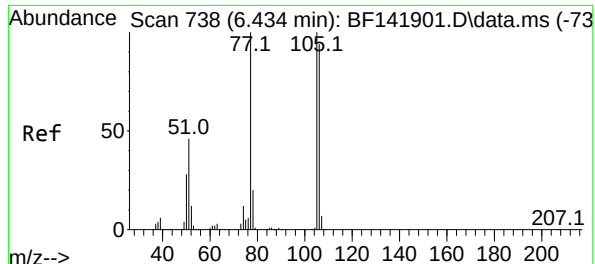
Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

Tgt Ion: 128 Resp: 561230

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.8	52.8
64	44.4	24.4	64.4





#9

Benzaldehyde

Concen: 36.467 ng

RT: 6.434 min Scan# 738

Delta R.T. -0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

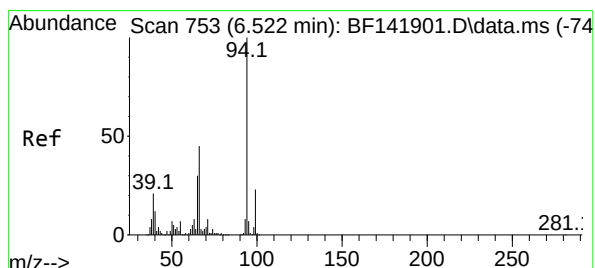
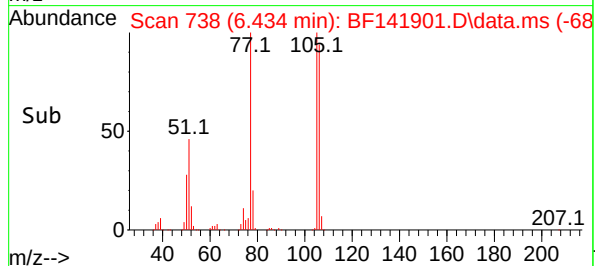
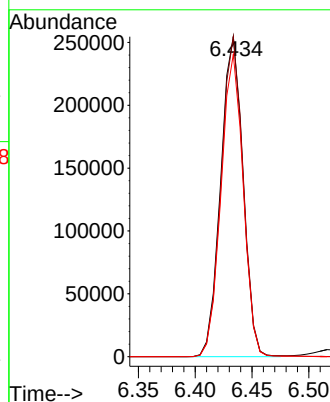
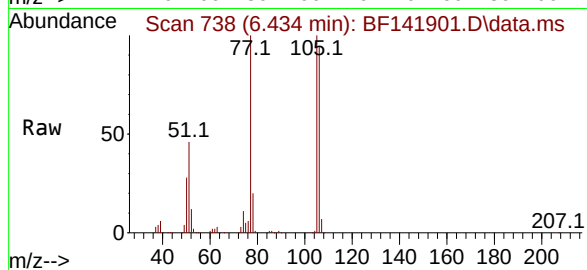
Tgt Ion: 77 Resp: 346818

Ion Ratio Lower Upper

77 100

105 100.0 80.0 120.0

106 94.5 74.5 114.5



#10

Phenol

Concen: 38.141 ng

RT: 6.522 min Scan# 753

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

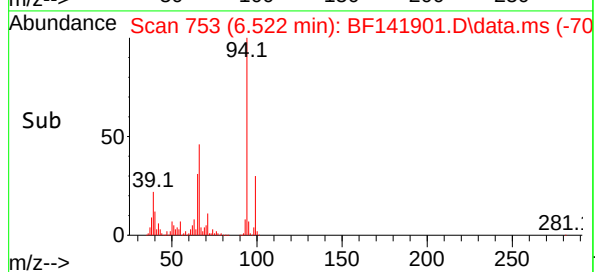
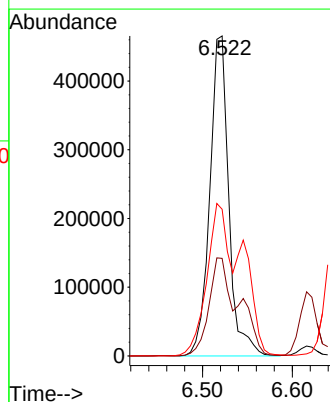
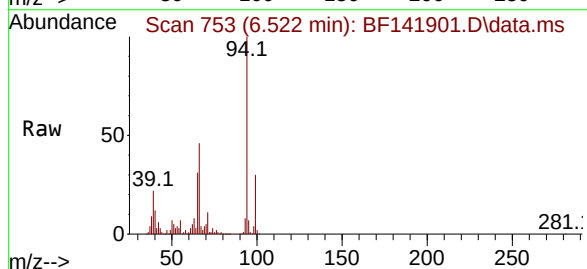
Tgt Ion: 94 Resp: 684724

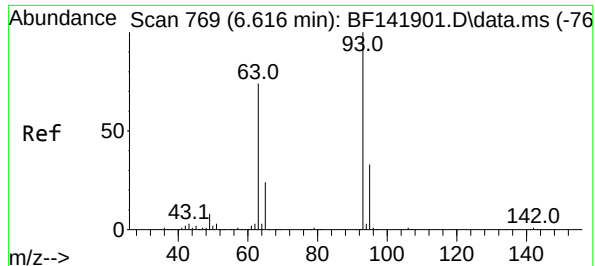
Ion Ratio Lower Upper

94 100

65 30.5 10.5 50.5

66 45.8 25.8 65.8





#11

bis(2-Chloroethyl)ether

Concen: 37.932 ng

RT: 6.616 min Scan# 769

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

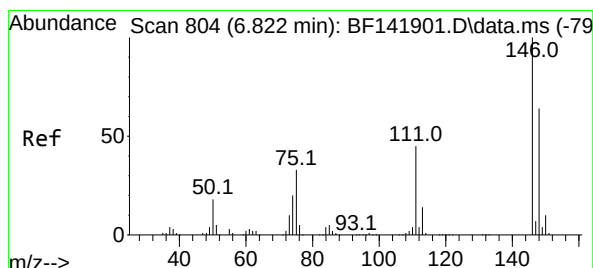
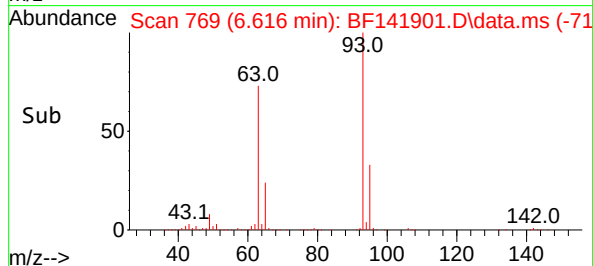
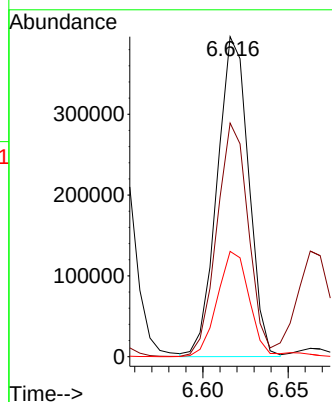
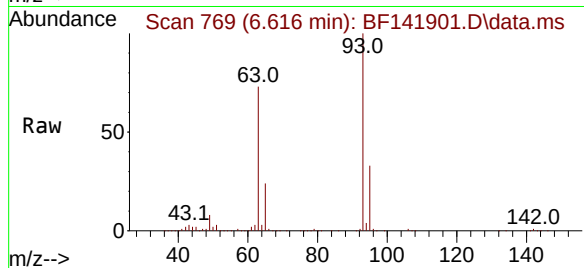
Tgt Ion: 93 Resp: 510214

Ion Ratio Lower Upper

93 100

63 73.0 53.0 93.0

95 32.9 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 38.242 ng

RT: 6.822 min Scan# 804

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

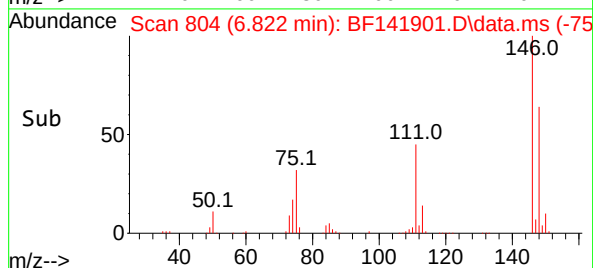
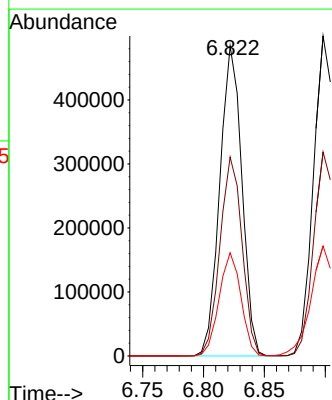
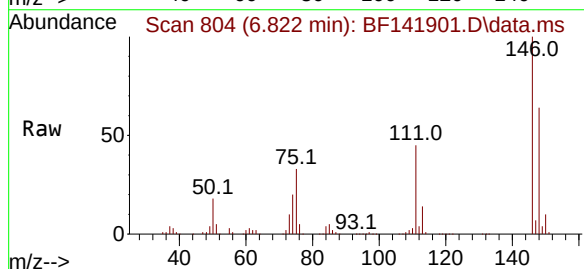
Tgt Ion: 146 Resp: 611938

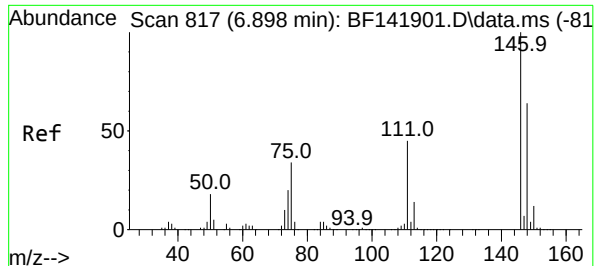
Ion Ratio Lower Upper

146 100

148 64.1 51.3 76.9

75 33.3 26.6 40.0





#13

1,4-Dichlorobenzene

Concen: 38.355 ng

RT: 6.898 min Scan# 817

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

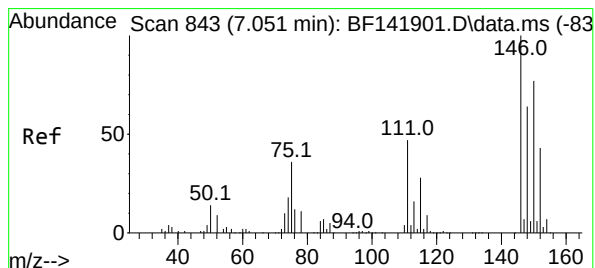
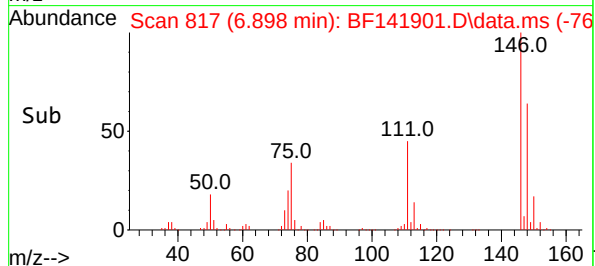
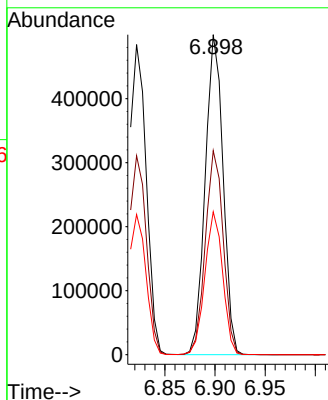
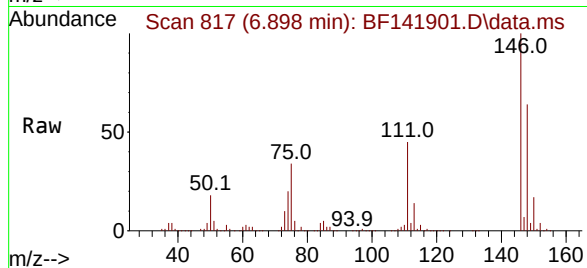
Tgt Ion:146 Resp: 620951

Ion Ratio Lower Upper

146 100

148 63.8 51.0 76.6

111 44.6 35.7 53.5



#14

1,2-Dichlorobenzene

Concen: 38.111 ng

RT: 7.051 min Scan# 843

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

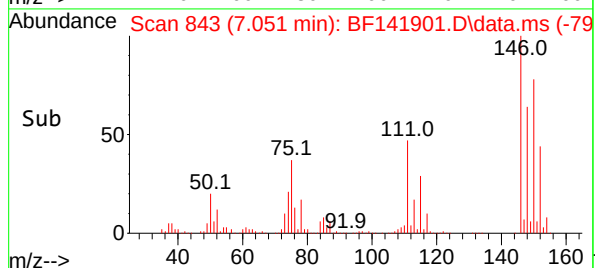
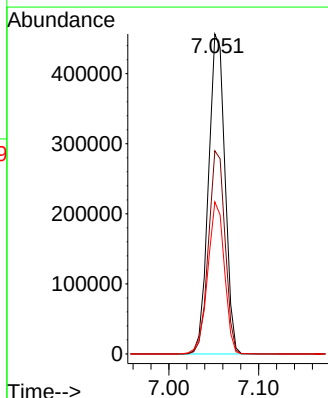
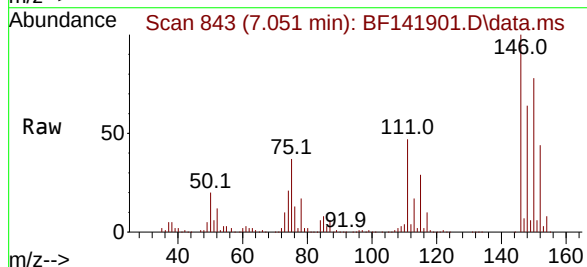
Tgt Ion:146 Resp: 581043

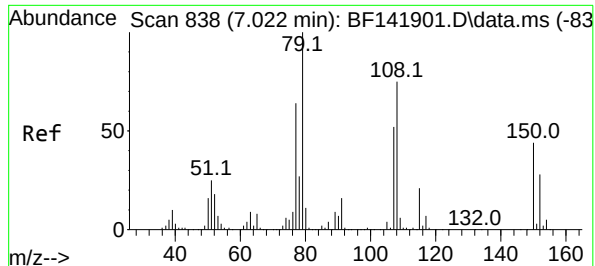
Ion Ratio Lower Upper

146 100

148 63.5 50.8 76.2

111 47.5 38.0 57.0





#15

Benzyl Alcohol

Concen: 38.371 ng

RT: 7.022 min Scan# 838

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

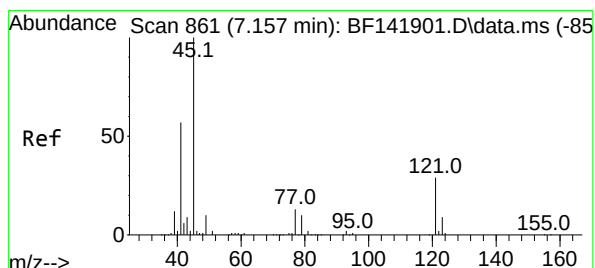
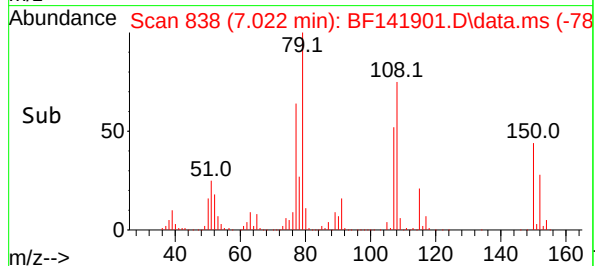
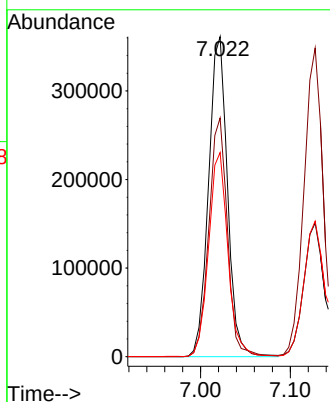
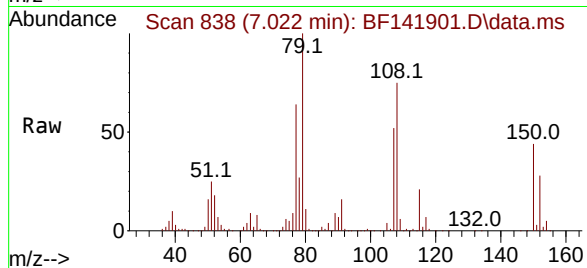
Tgt Ion: 79 Resp: 528444

Ion Ratio Lower Upper

79 100

108 74.6 59.7 89.5

77 63.8 51.0 76.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.476 ng

RT: 7.157 min Scan# 861

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

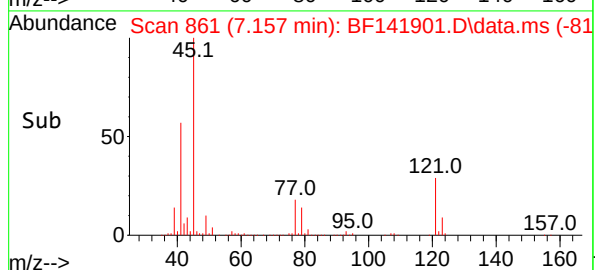
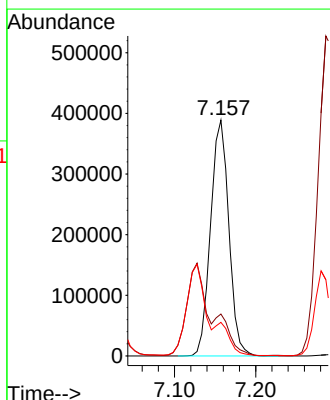
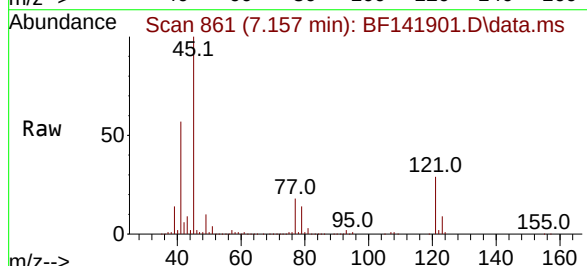
Tgt Ion: 45 Resp: 607522

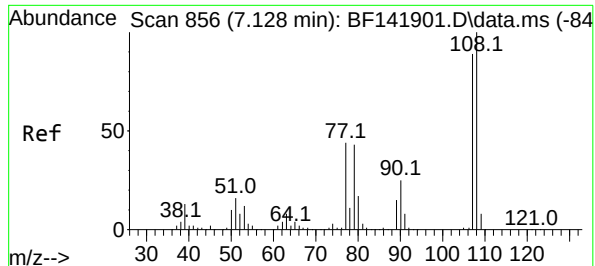
Ion Ratio Lower Upper

45 100

77 17.8 0.0 37.8

79 14.2 0.0 34.2





#17

2-Methylphenol

Concen: 38.190 ng

RT: 7.128 min Scan# 856

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:107 Resp: 449433

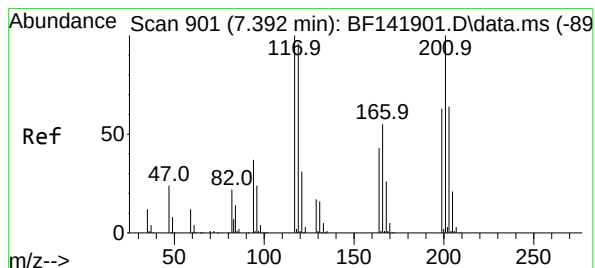
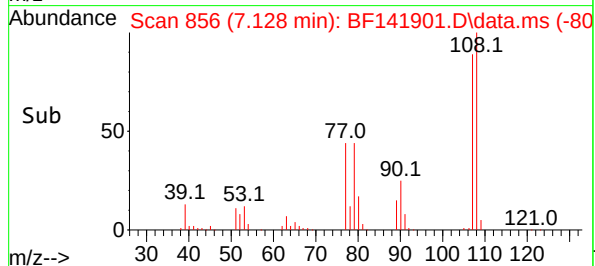
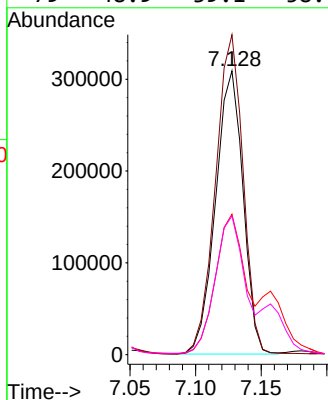
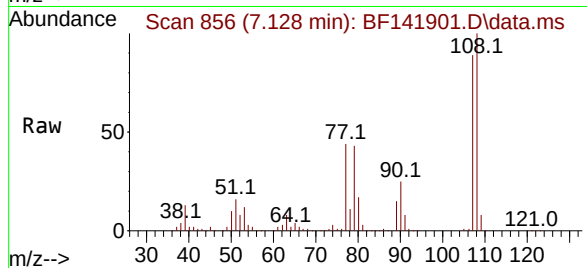
Ion Ratio Lower Upper

107 100

108 112.7 90.2 135.2

77 49.5 39.6 59.4

79 48.9 39.1 58.7



#18

Hexachloroethane

Concen: 37.993 ng

RT: 7.392 min Scan# 901

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

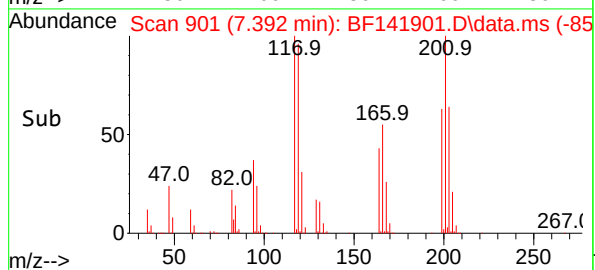
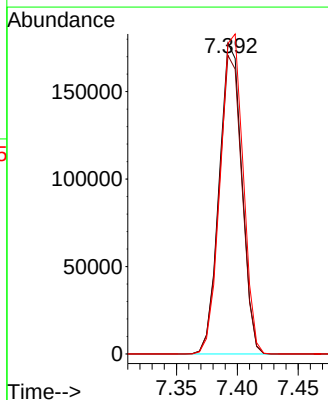
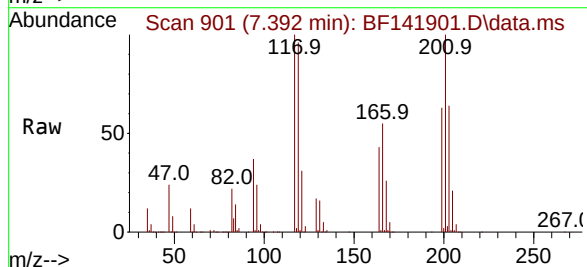
Tgt Ion:117 Resp: 230613

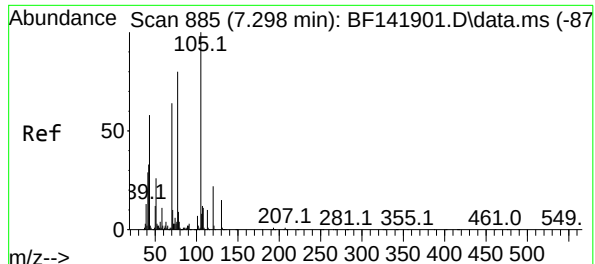
Ion Ratio Lower Upper

117 100

119 96.1 76.9 115.3

201 99.9 79.9 119.9





#19

n-Nitroso-di-n-propylamine

Concen: 37.223 ng

RT: 7.298 min Scan# 885

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 407069

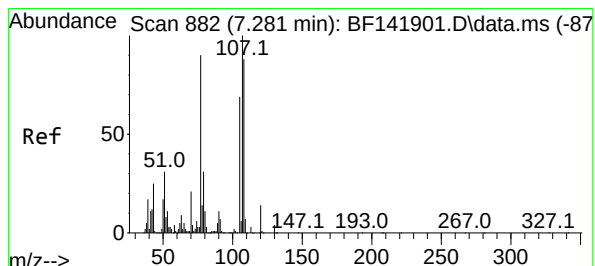
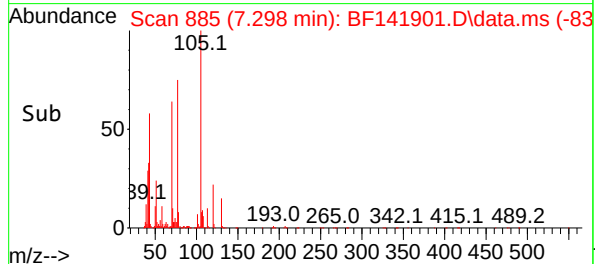
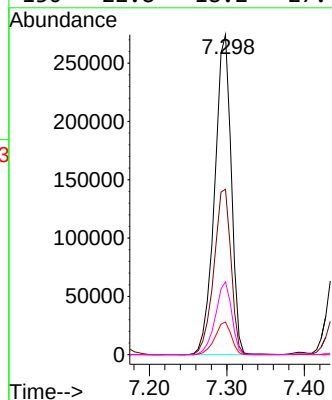
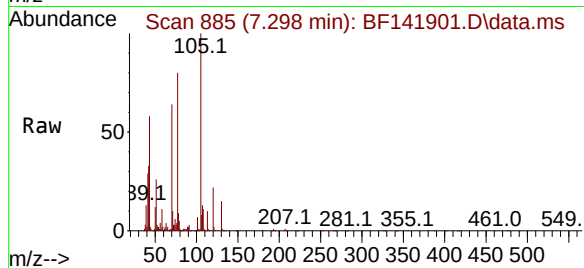
Ion Ratio Lower Upper

70 100

42 51.7 41.4 62.0

101 10.2 8.2 12.2

130 22.8 18.2 27.4



#20

3+4-Methylphenols

Concen: 38.219 ng

RT: 7.281 min Scan# 882

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

Tgt Ion: 107 Resp: 576902

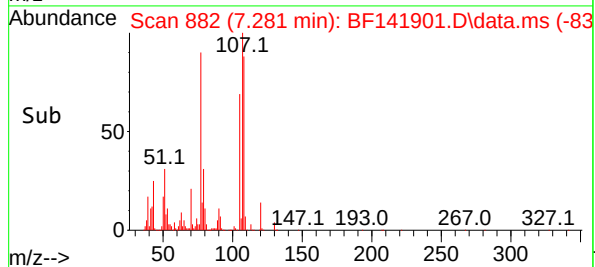
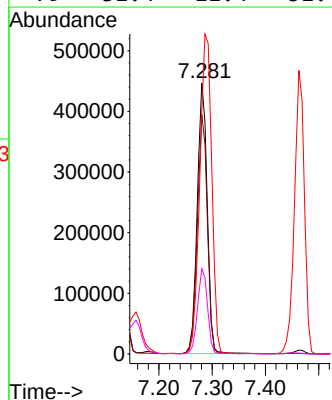
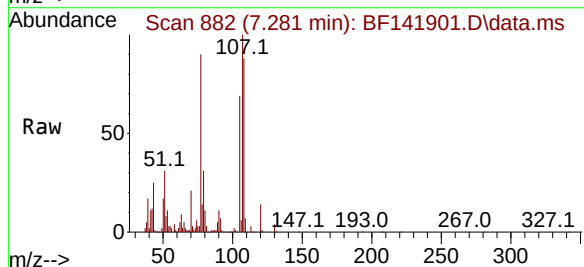
Ion Ratio Lower Upper

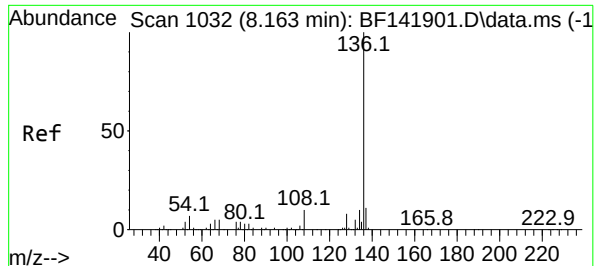
107 100

108 88.4 68.4 108.4

77 89.7 69.7 109.7

79 31.4 11.4 51.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:136 Resp: 874166

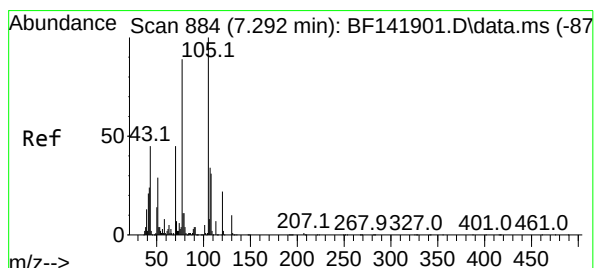
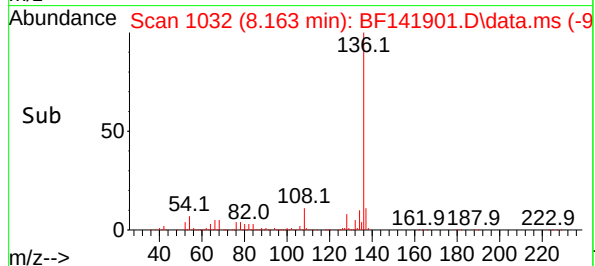
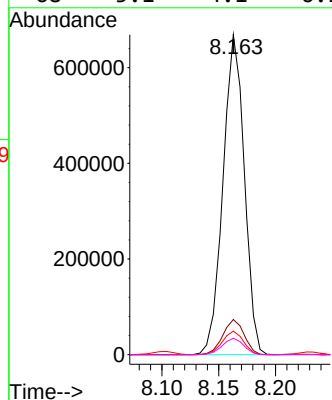
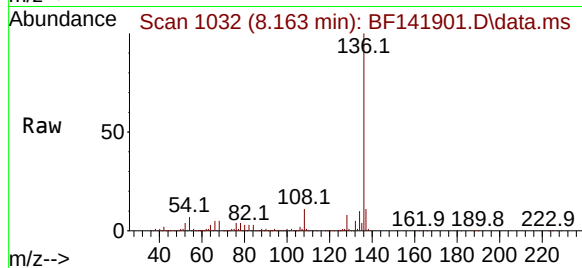
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.3 5.8 8.8

68 5.1 4.1 6.1



#22

Acetophenone

Concen: 38.376 ng

RT: 7.292 min Scan# 884

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

Tgt Ion:105 Resp: 804747

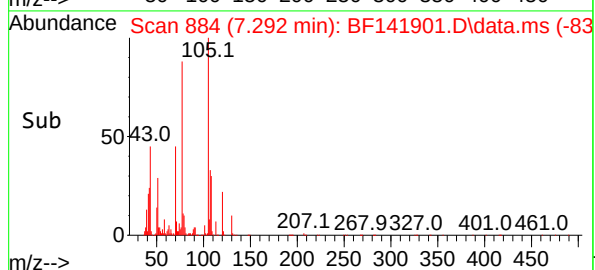
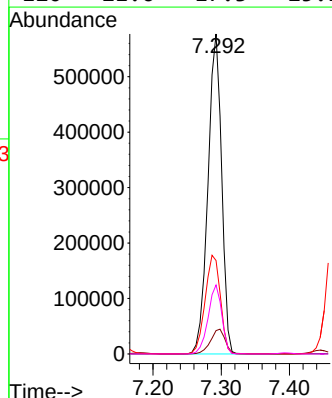
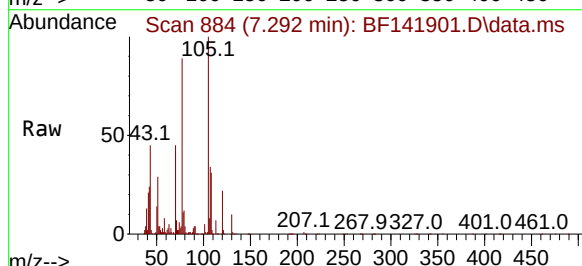
Ion Ratio Lower Upper

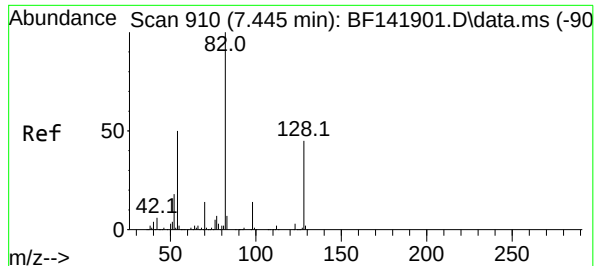
105 100

71 7.3 5.8 8.8

51 29.2 23.4 35.0

120 21.6 17.3 25.9





#23

Nitrobenzene-d5

Concen: 77.983 ng

RT: 7.445 min Scan# 910

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

Instrument :

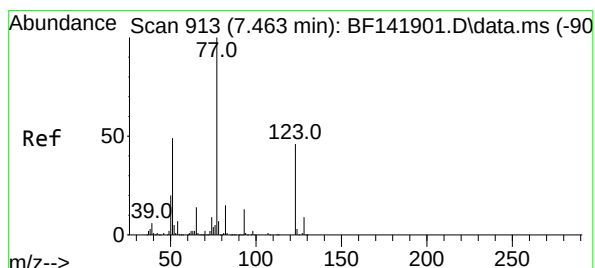
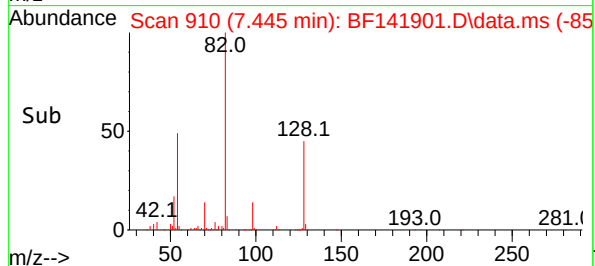
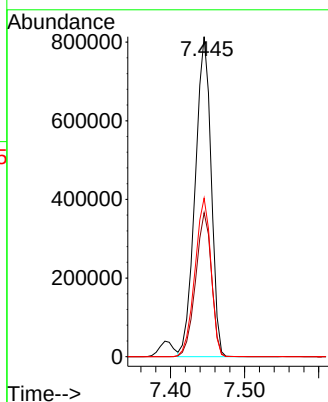
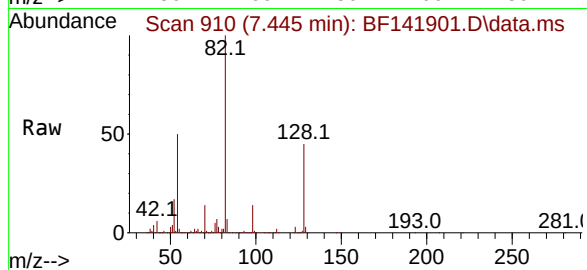
BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 82 Resp: 1216280

Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.0	54.0
54	49.5	39.6	59.4



#24

Nitrobenzene

Concen: 39.106 ng

RT: 7.463 min Scan# 913

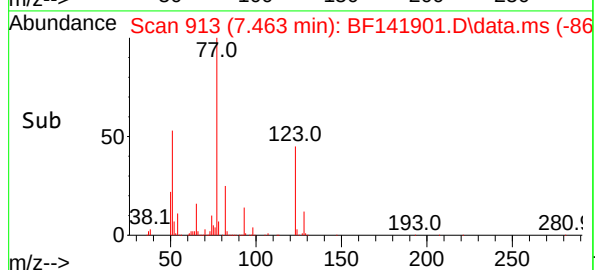
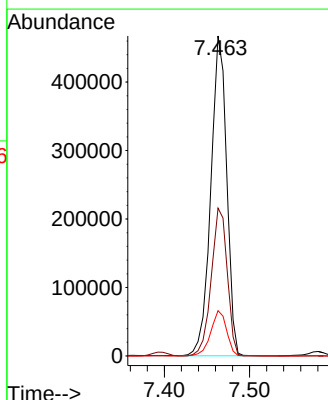
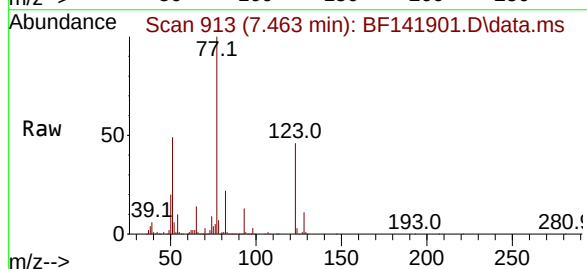
Delta R.T. 0.000 min

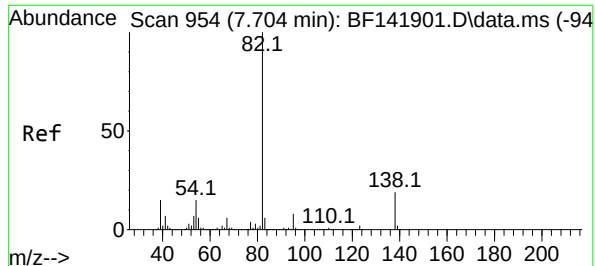
Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

Tgt Ion: 77 Resp: 604738

Ion	Ratio	Lower	Upper
77	100		
123	46.2	37.0	55.4
65	14.1	11.3	16.9





#25

Isophorone

Concen: 38.097 ng

RT: 7.704 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

Instrument :

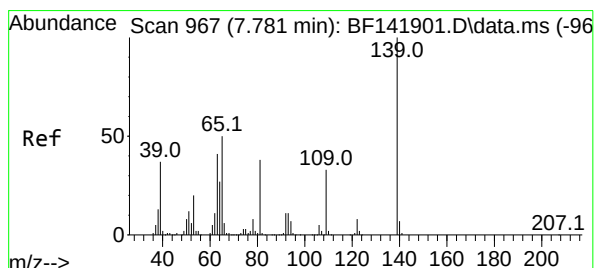
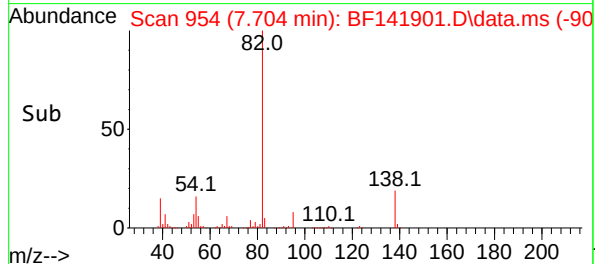
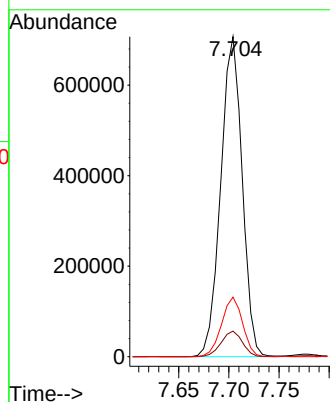
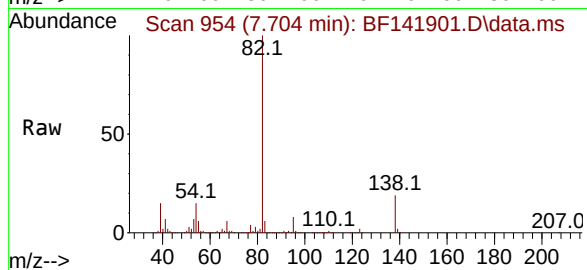
BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 82 Resp: 1049049

Ion	Ratio	Lower	Upper
82	100		
95	8.0	6.4	9.6
138	18.6	14.9	22.3



#26

2-Nitrophenol

Concen: 40.295 ng

RT: 7.781 min Scan# 967

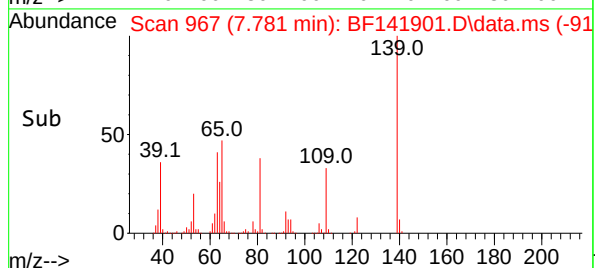
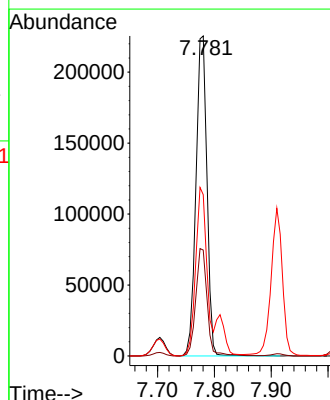
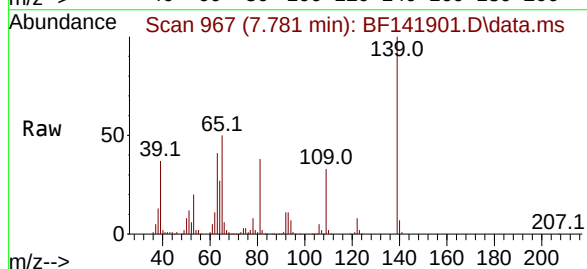
Delta R.T. 0.000 min

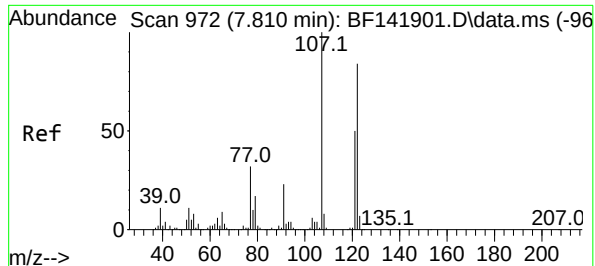
Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

Tgt Ion: 139 Resp: 305349

Ion	Ratio	Lower	Upper
139	100		
109	33.1	26.5	39.7
65	50.4	40.3	60.5





#27

2,4-Dimethylphenol

Concen: 38.671 ng

RT: 7.810 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

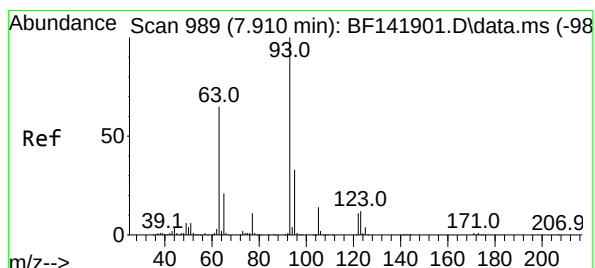
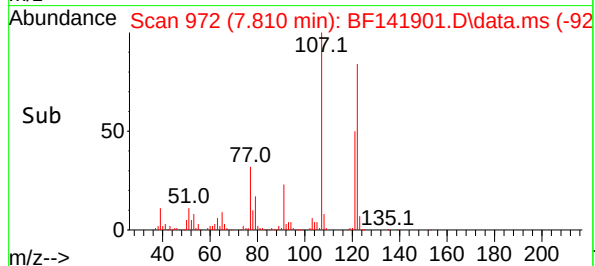
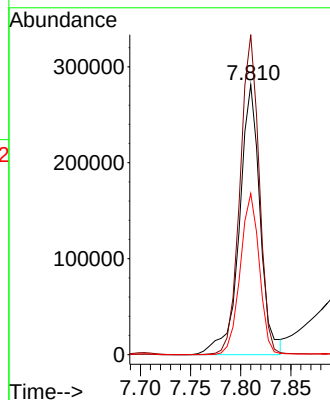
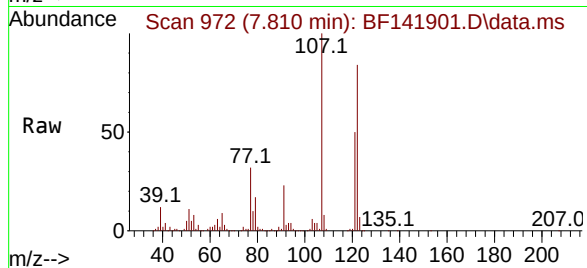
Tgt Ion:122 Resp: 403621

Ion Ratio Lower Upper

122 100

107 118.5 94.8 142.2

121 59.7 47.8 71.6



#28

bis(2-Chloroethoxy)methane

Concen: 37.702 ng

RT: 7.910 min Scan# 989

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

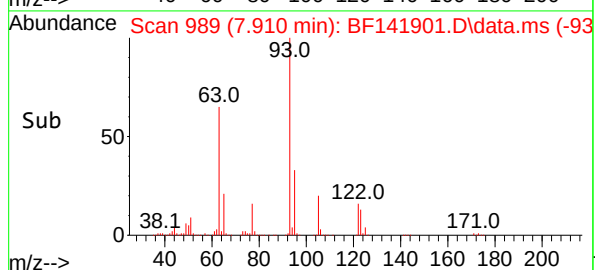
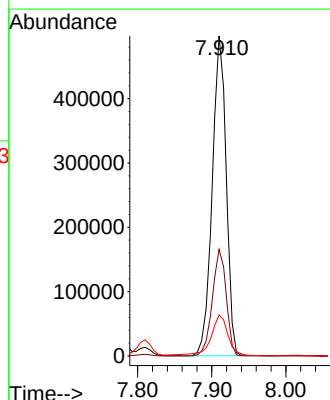
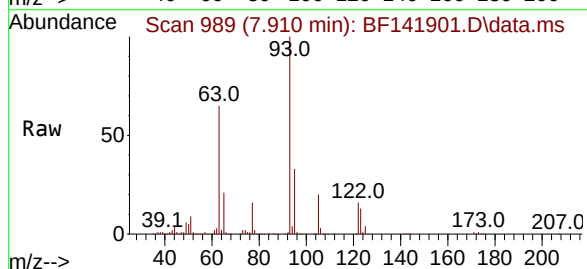
Tgt Ion: 93 Resp: 650344

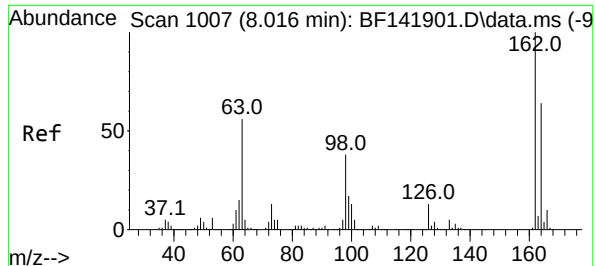
Ion Ratio Lower Upper

93 100

95 33.3 26.6 40.0

123 12.8 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 38.619 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

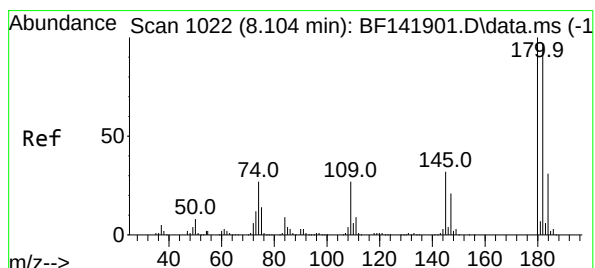
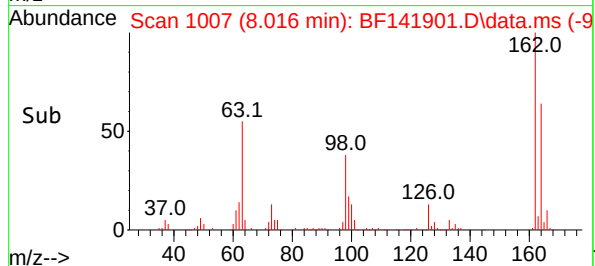
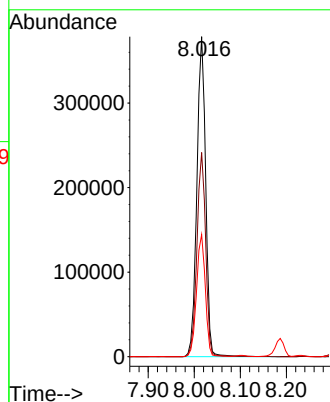
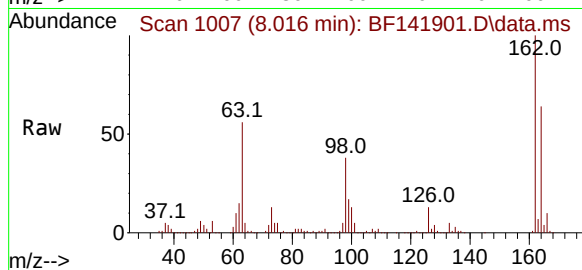
Tgt Ion:162 Resp: 500239

Ion Ratio Lower Upper

162 100

164 63.8 43.8 83.8

98 38.1 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 37.870 ng

RT: 8.104 min Scan# 1022

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

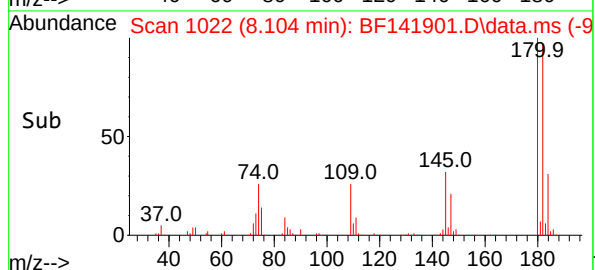
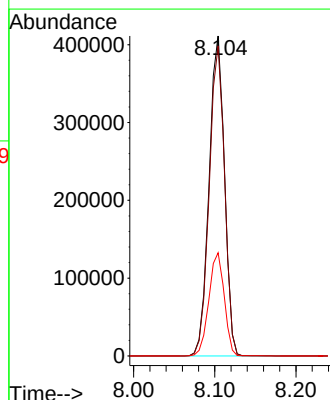
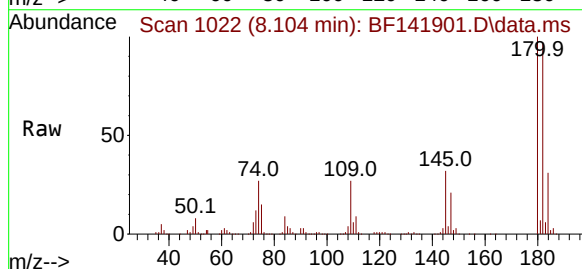
Tgt Ion:180 Resp: 541182

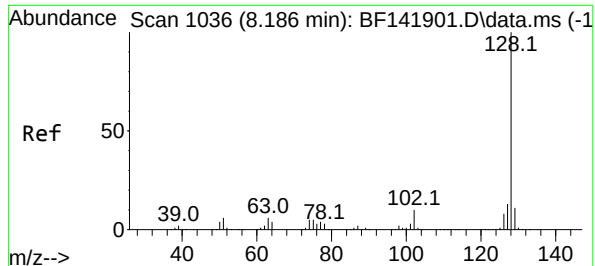
Ion Ratio Lower Upper

180 100

182 96.9 77.5 116.3

145 32.2 25.8 38.6





#31

Naphthalene

Concen: 38.400 ng

RT: 8.186 min Scan# 1036

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

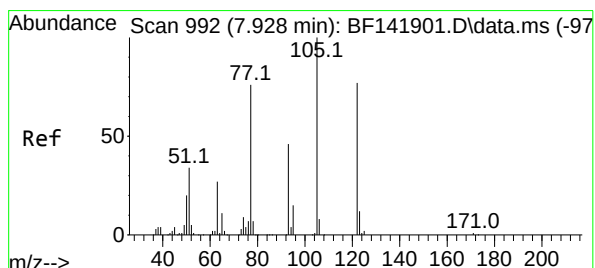
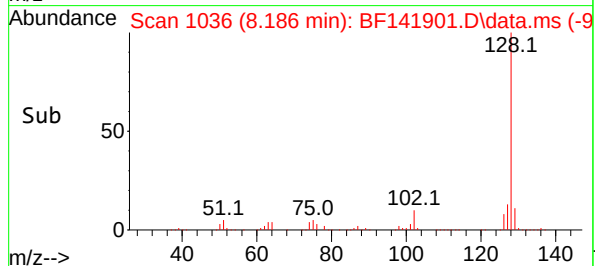
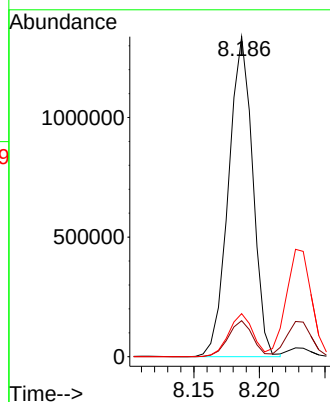
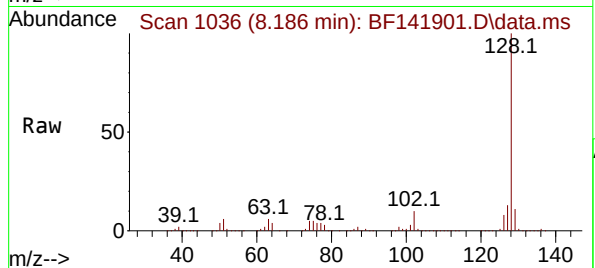
Tgt Ion:128 Resp: 1719643

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

127 13.5 10.8 16.2



#32

Benzoic acid

Concen: 39.827 ng

RT: 7.928 min Scan# 992

Delta R.T. -0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

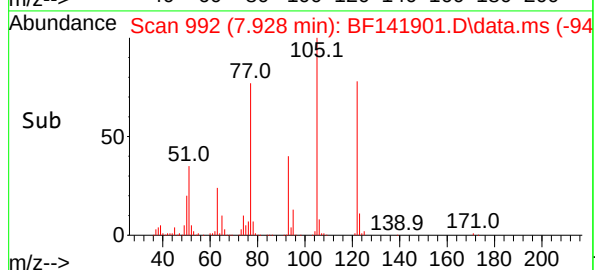
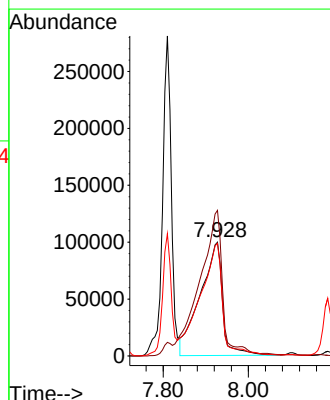
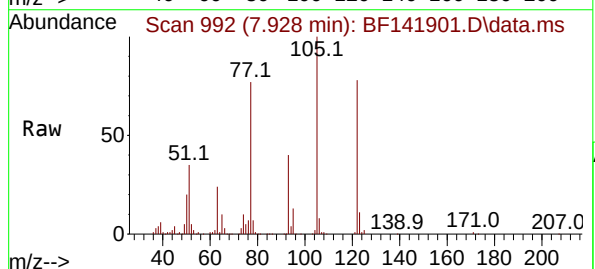
Tgt Ion:122 Resp: 363328

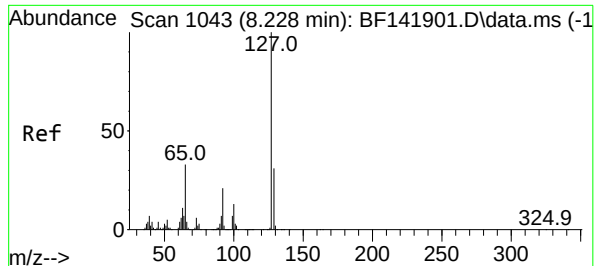
Ion Ratio Lower Upper

122 100

105 127.9 107.9 147.9

77 99.0 79.0 119.0





#33

4-Chloroaniline

Concen: 38.824 ng

RT: 8.228 min Scan# 1043

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:127 Resp: 613535

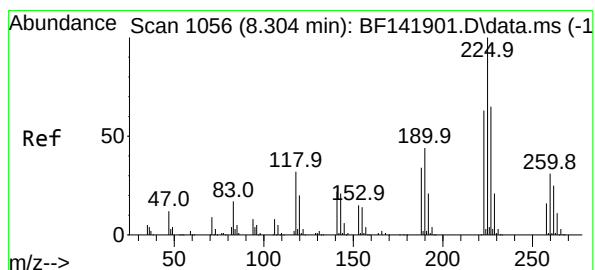
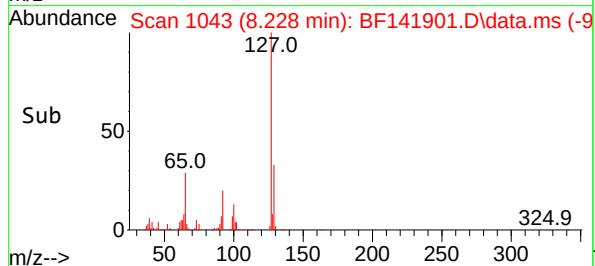
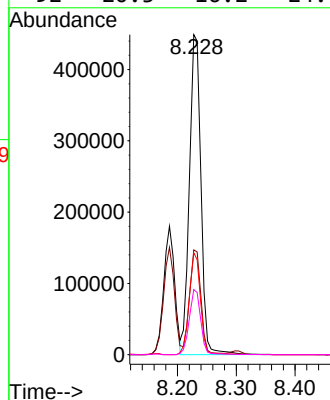
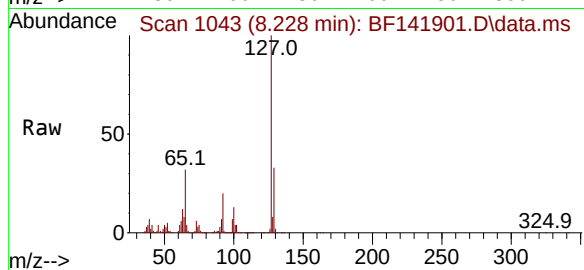
Ion Ratio Lower Upper

127 100

129 32.8 26.2 39.4

65 31.8 25.4 38.2

92 20.3 16.2 24.4



#34

Hexachlorobutadiene

Concen: 38.285 ng

RT: 8.304 min Scan# 1056

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

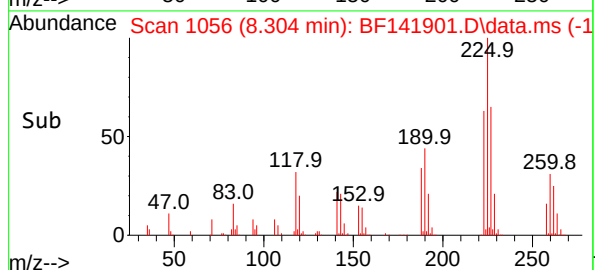
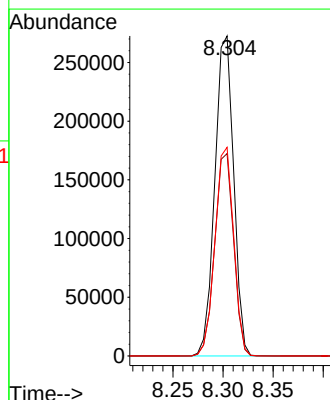
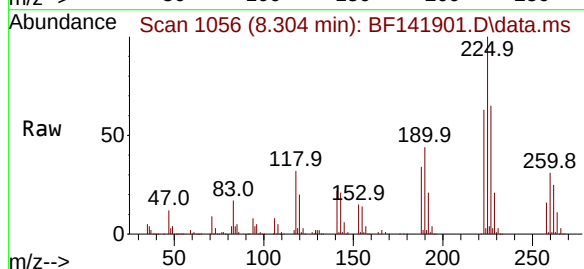
Tgt Ion:225 Resp: 355740

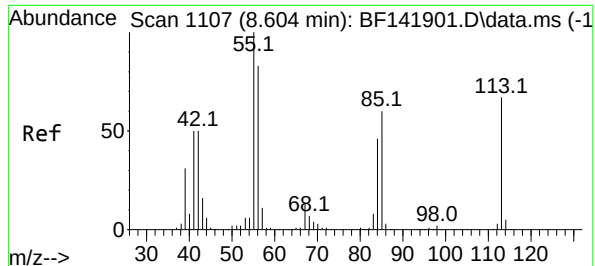
Ion Ratio Lower Upper

225 100

223 63.2 50.6 75.8

227 65.2 52.2 78.2





#35

Caprolactam

Concen: 37.335 ng

RT: 8.604 min Scan# 1107

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

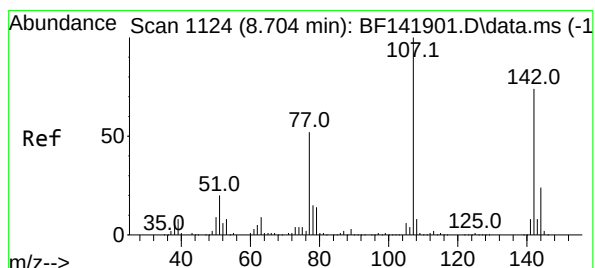
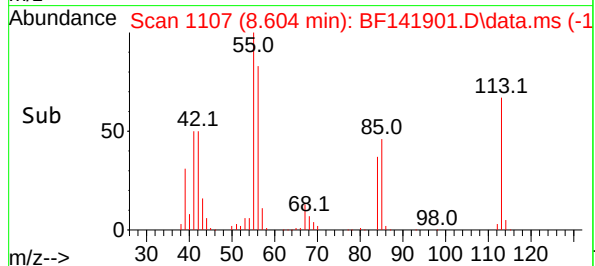
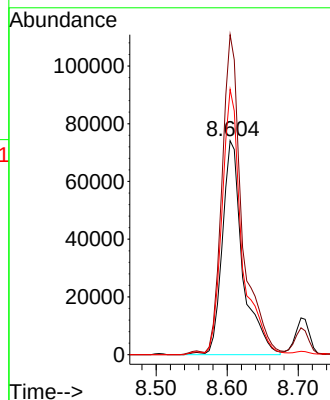
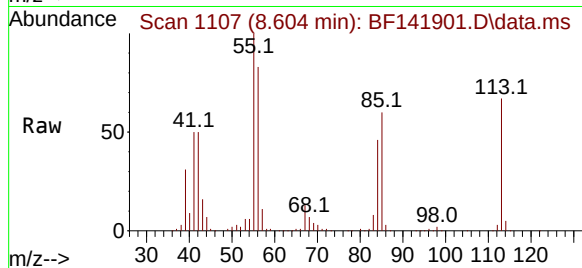
Tgt Ion:113 Resp: 147056

Ion Ratio Lower Upper

113 100

55 149.6 129.6 169.6

56 124.0 104.0 144.0



#36

4-Chloro-3-methylphenol

Concen: 38.549 ng

RT: 8.704 min Scan# 1124

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

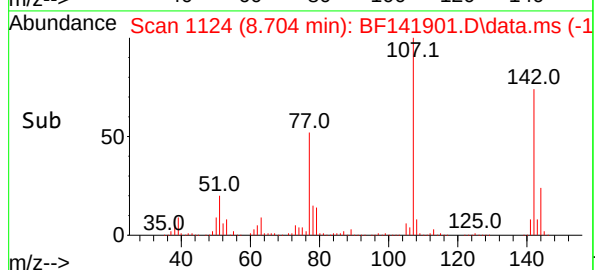
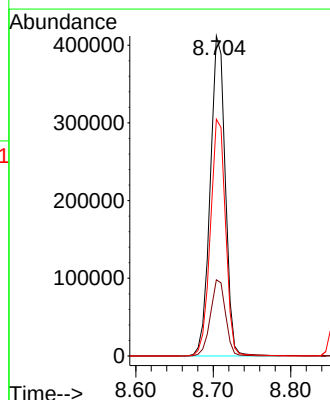
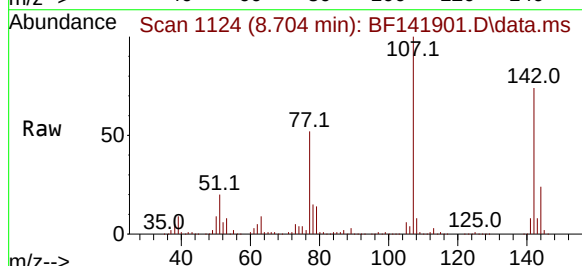
Tgt Ion:107 Resp: 555328

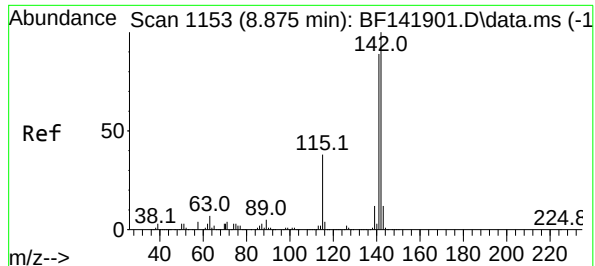
Ion Ratio Lower Upper

107 100

144 23.8 19.0 28.6

142 74.0 59.2 88.8

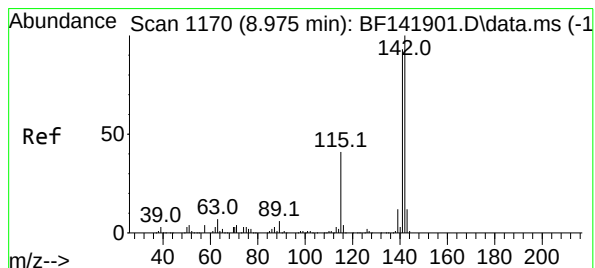
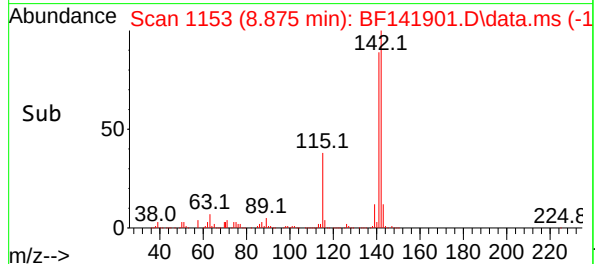
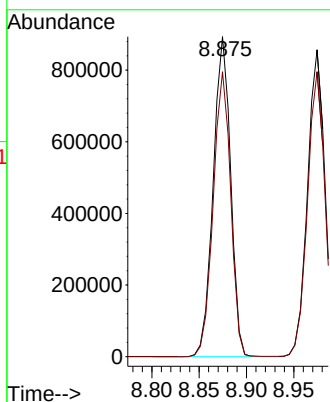
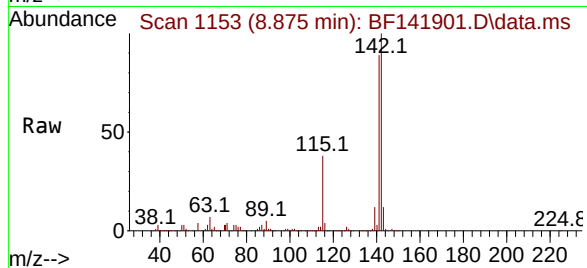




#37
2-Methylnaphthalene
Concen: 37.983 ng
RT: 8.875 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

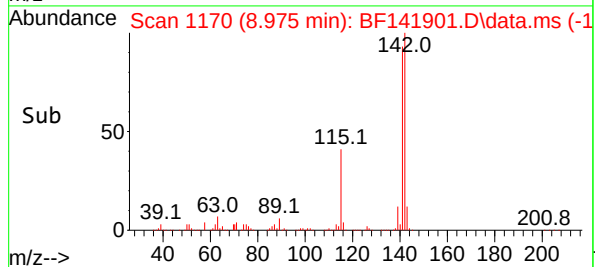
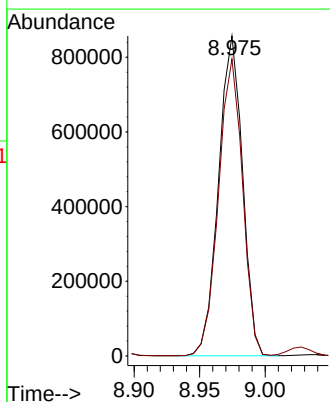
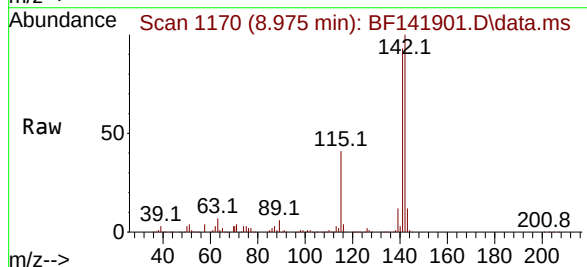
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

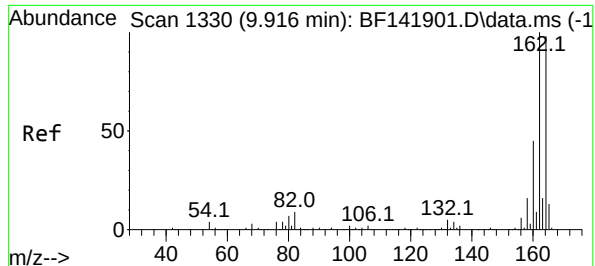
Tgt Ion:142 Resp: 1141228
Ion Ratio Lower Upper
142 100
141 89.0 71.2 106.8



#38
1-Methylnaphthalene
Concen: 37.447 ng
RT: 8.975 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:142 Resp: 1089576
Ion Ratio Lower Upper
142 100
141 92.8 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

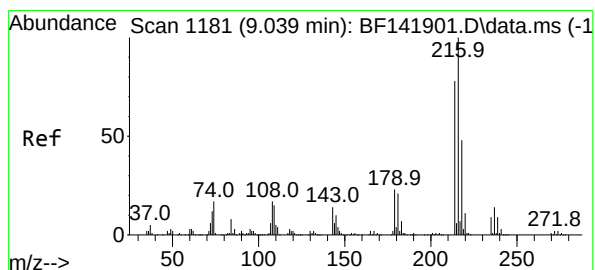
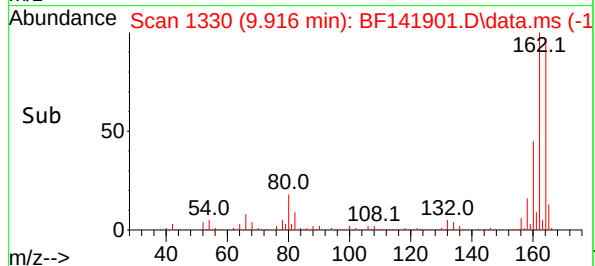
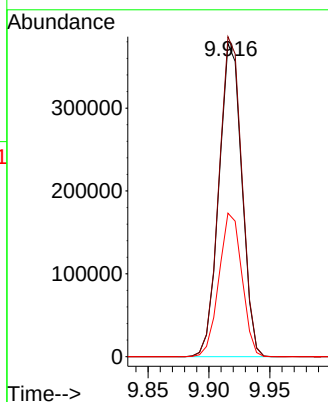
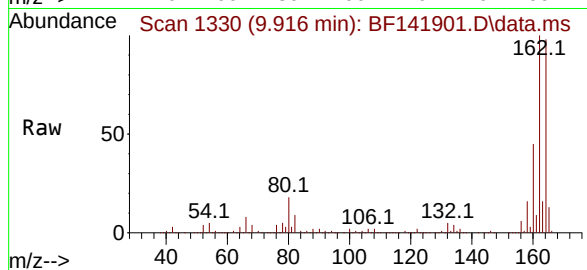
Tgt Ion:164 Resp: 493744

Ion Ratio Lower Upper

164 100

162 102.2 81.8 122.6

160 45.9 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.814 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

Tgt Ion:216 Resp: 584322

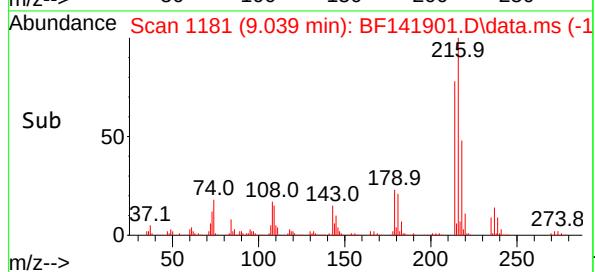
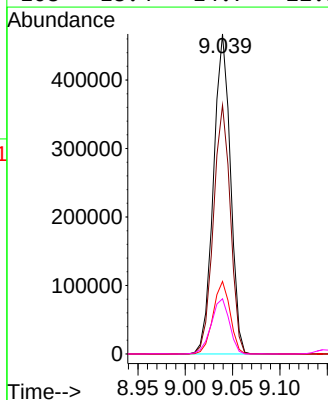
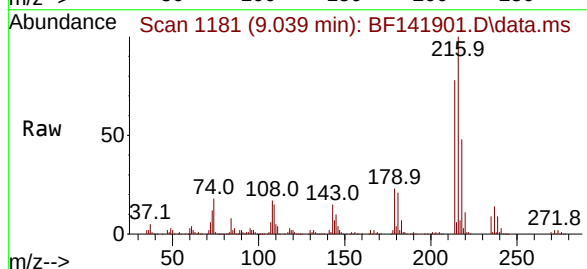
Ion Ratio Lower Upper

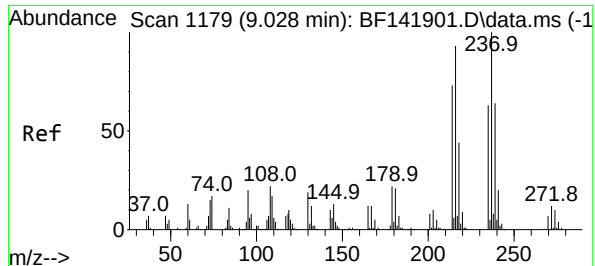
216 100

214 77.4 61.9 92.9

179 22.6 18.1 27.1

108 18.4 14.7 22.1

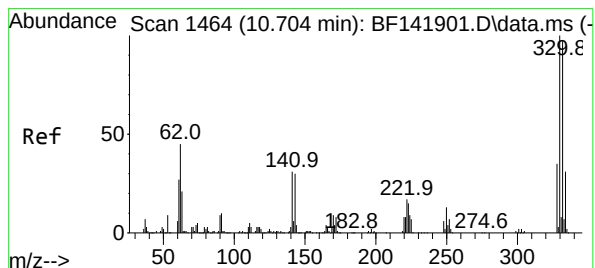
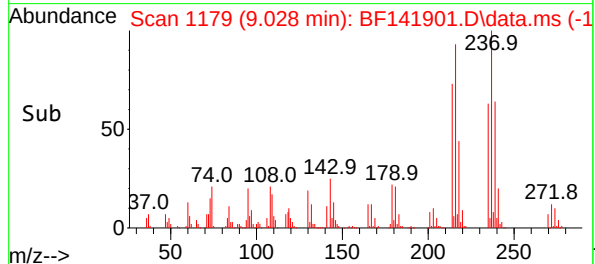
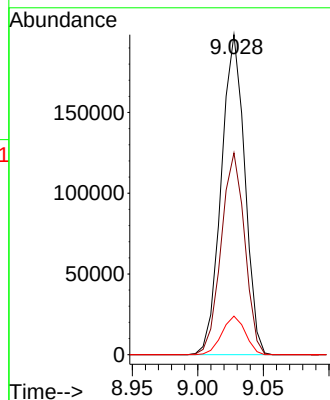
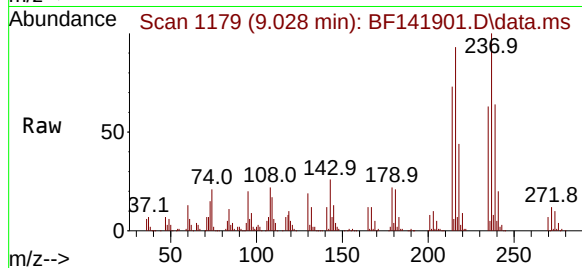




#41
Hexachlorocyclopentadiene
Concen: 41.523 ng
RT: 9.028 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

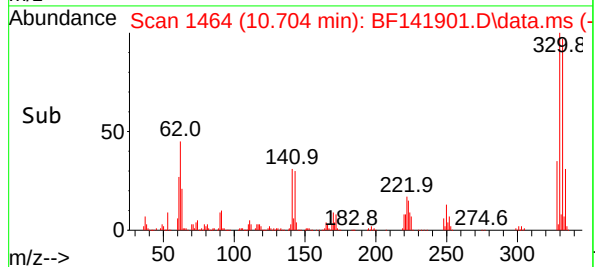
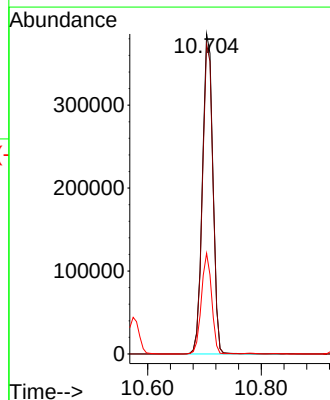
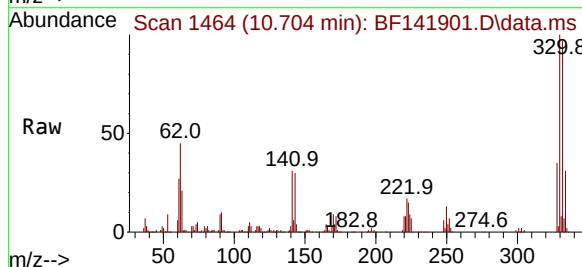
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

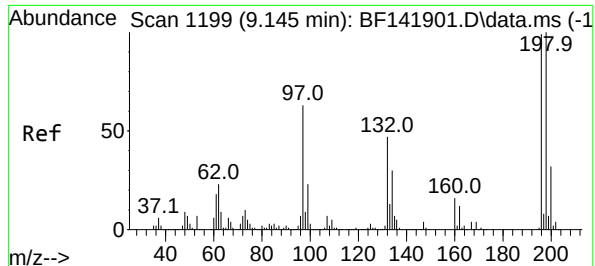
Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.1	43.1	83.1
272	12.0	0.0	32.0



#42
2,4,6-Tribromophenol
Concen: 78.949 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.6	116.4
141	30.9	24.7	37.1





#43

2,4,6-Trichlorophenol

Concen: 40.014 ng

RT: 9.145 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF141901.D

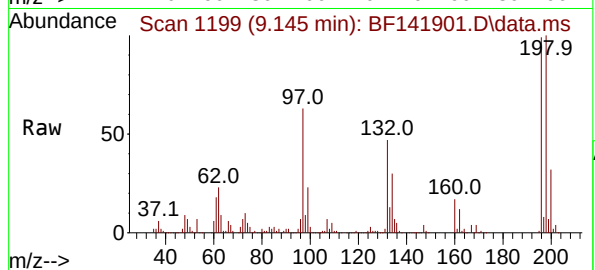
Acq: 10 Mar 2025 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



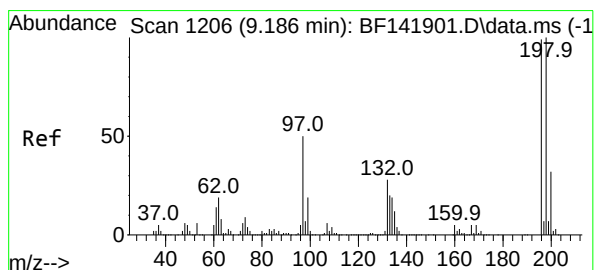
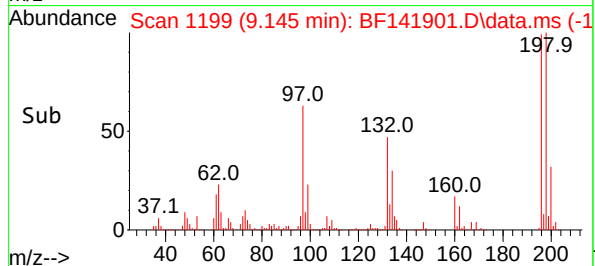
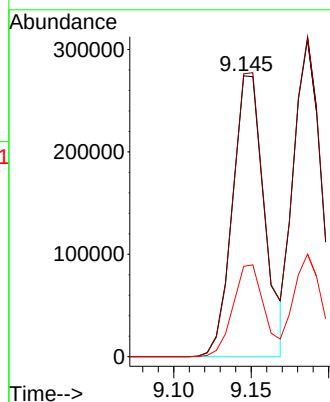
Tgt Ion:196 Resp: 392696

Ion Ratio Lower Upper

196 100

198 100.8 80.6 121.0

200 32.2 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 38.566 ng

RT: 9.186 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

Tgt Ion:196 Resp: 384539

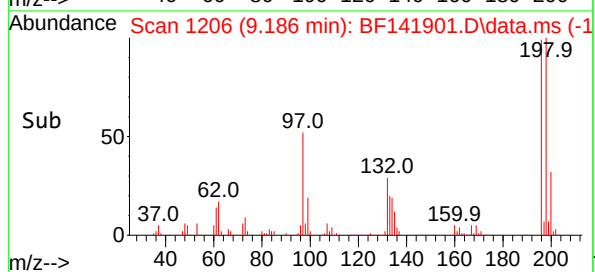
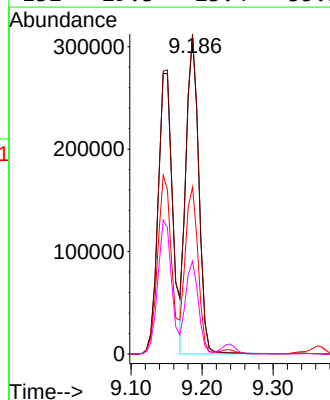
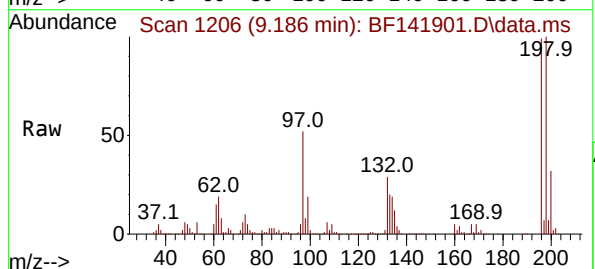
Ion Ratio Lower Upper

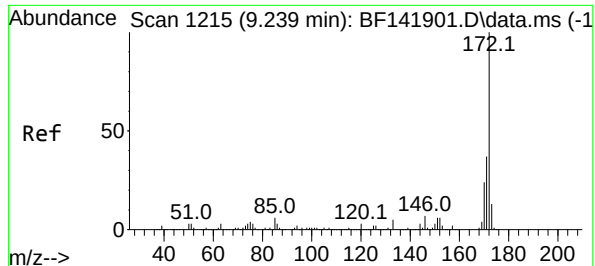
196 100

198 100.9 80.7 121.1

97 52.6 42.1 63.1

132 29.3 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 76.357 ng

RT: 9.239 min Scan# 1215

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

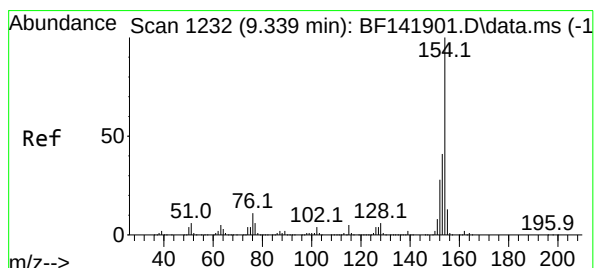
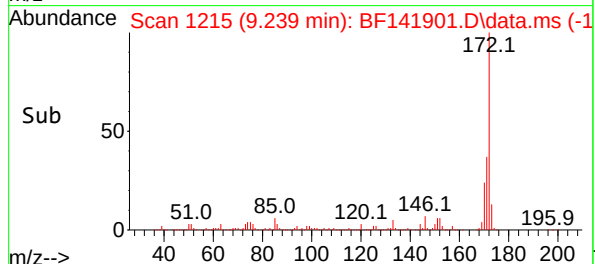
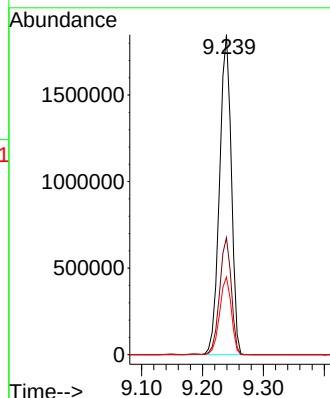
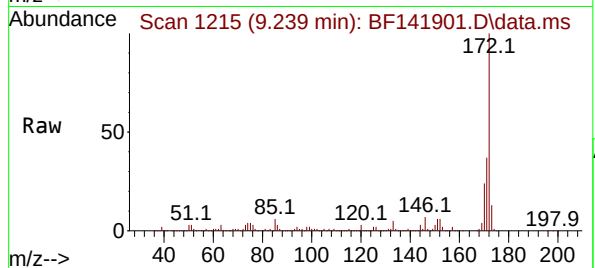
Tgt Ion:172 Resp: 2475837

Ion Ratio Lower Upper

172 100

171 36.6 29.3 43.9

170 24.2 19.4 29.0



#46

1,1'-Biphenyl

Concen: 38.362 ng

RT: 9.339 min Scan# 1232

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

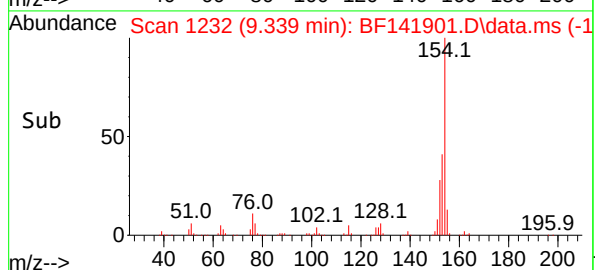
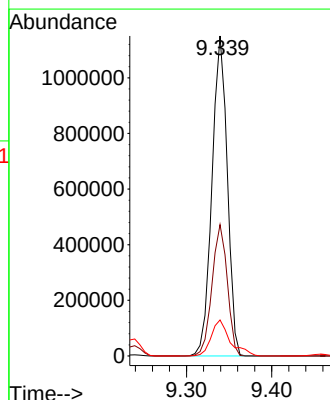
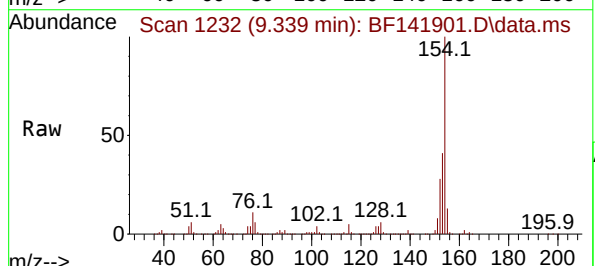
Tgt Ion:154 Resp: 1436040

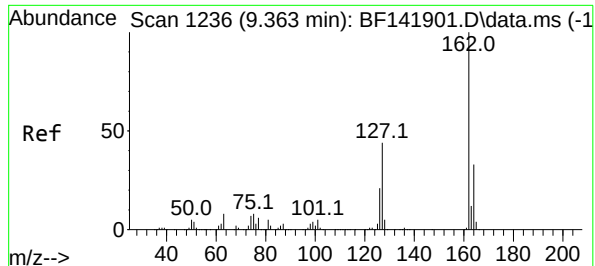
Ion Ratio Lower Upper

154 100

153 41.1 21.1 61.1

76 11.3 0.0 31.3





#47

2-Chloronaphthalene

Concen: 38.609 ng

RT: 9.363 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

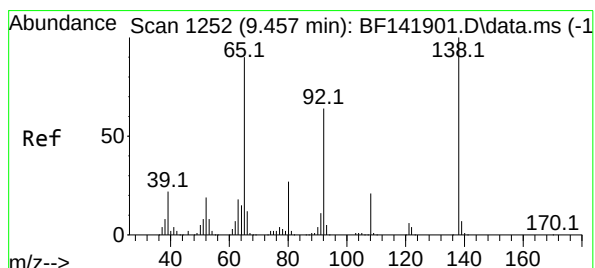
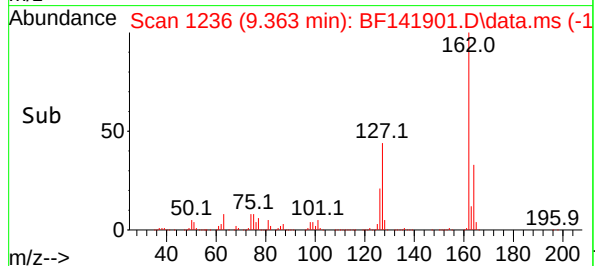
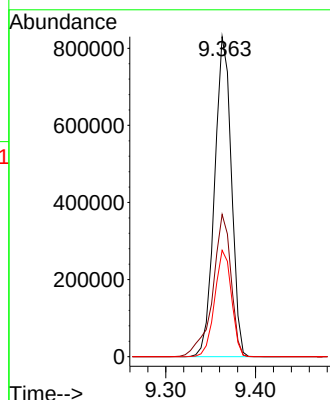
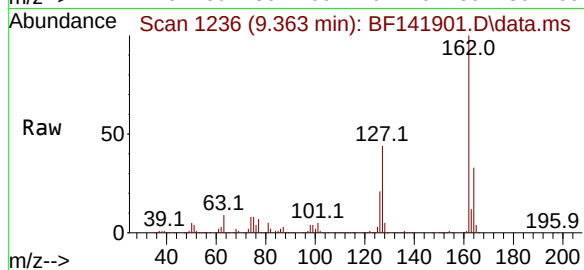
Tgt Ion:162 Resp: 1077099

Ion Ratio Lower Upper

162 100

127 44.4 35.5 53.3

164 33.3 26.6 40.0



#48

2-Nitroaniline

Concen: 39.690 ng

RT: 9.457 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

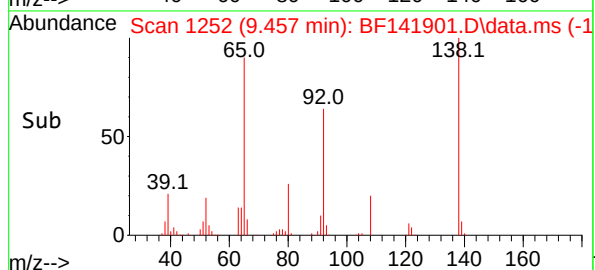
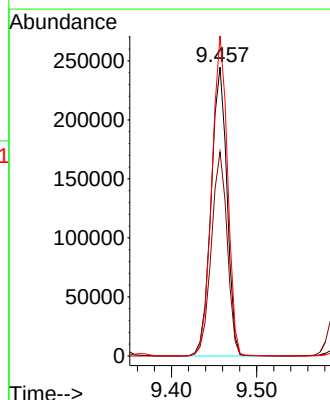
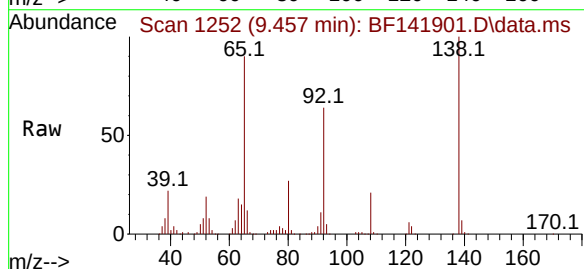
Tgt Ion: 65 Resp: 318068

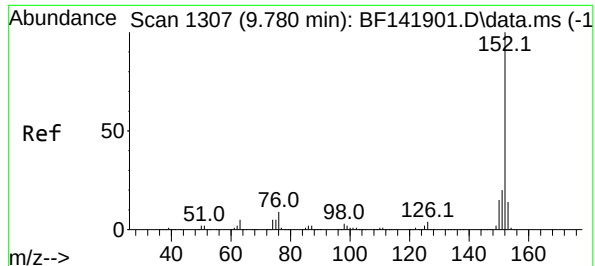
Ion Ratio Lower Upper

65 100

92 70.7 56.6 84.8

138 110.8 88.6 133.0





#49

Acenaphthylene

Concen: 39.029 ng

RT: 9.780 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

Instrument :

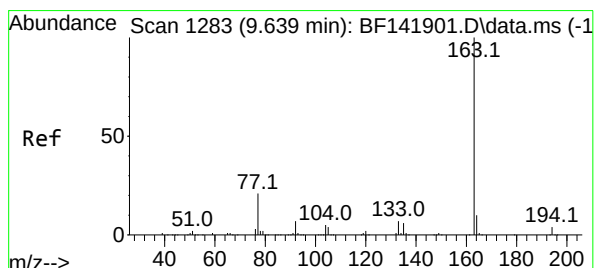
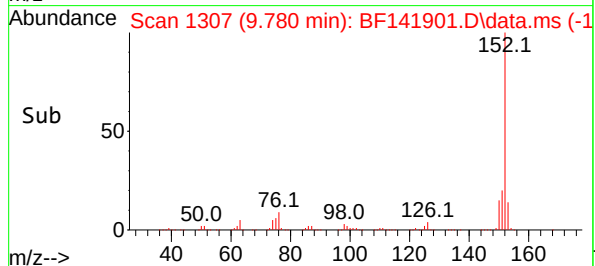
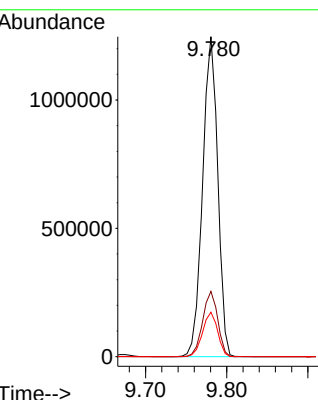
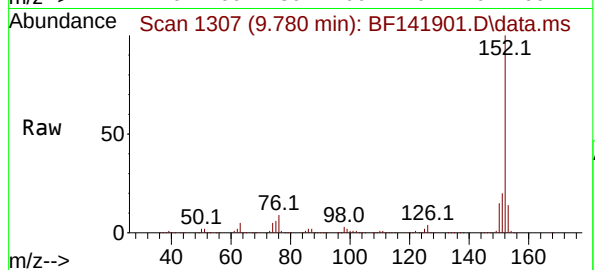
BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:152 Resp: 1614250

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.9	11.1	16.7



#50

Dimethylphthalate

Concen: 38.270 ng

RT: 9.639 min Scan# 1283

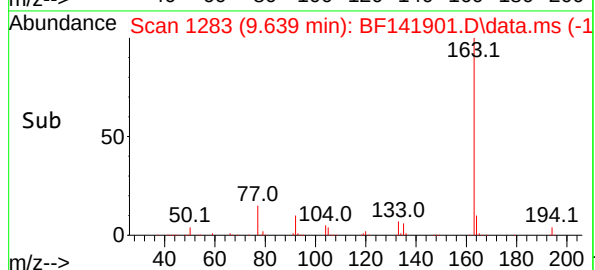
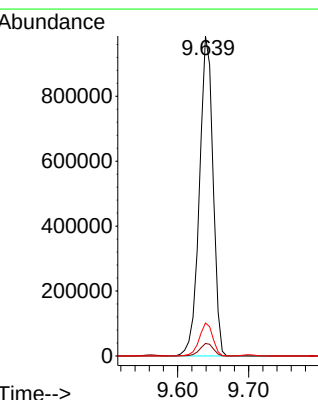
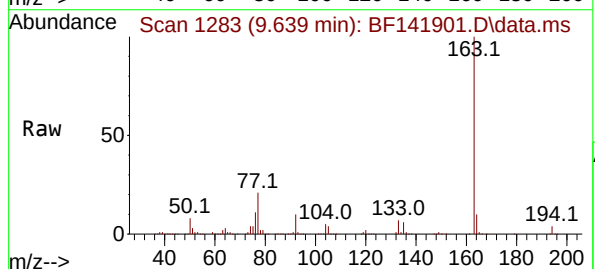
Delta R.T. 0.000 min

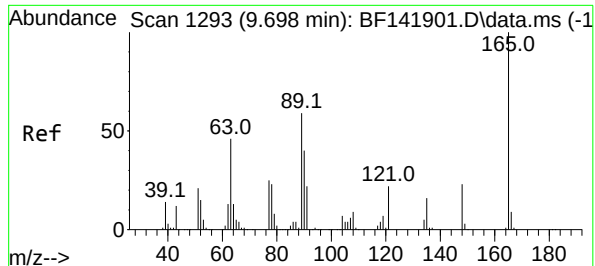
Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

Tgt Ion:163 Resp: 1312856

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	10.3	8.2	12.4





#51

2,6-Dinitrotoluene

Concen: 39.486 ng

RT: 9.698 min Scan# 1293

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

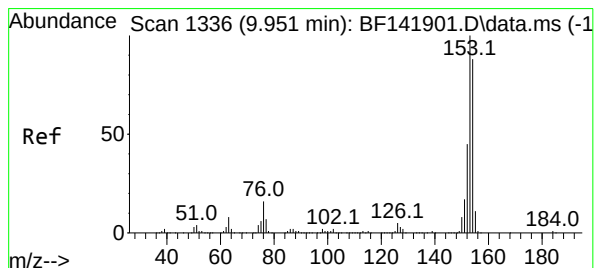
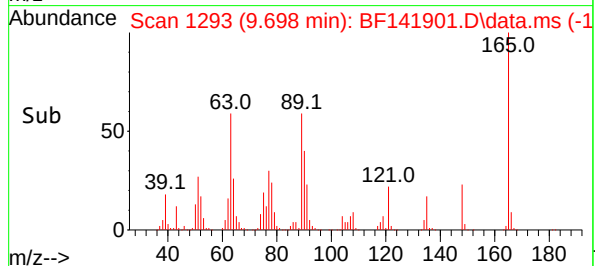
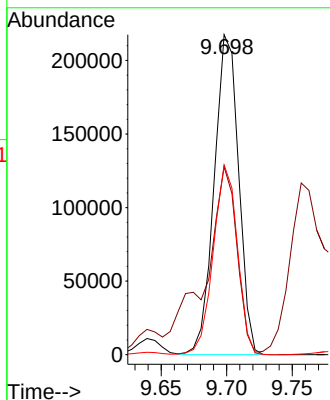
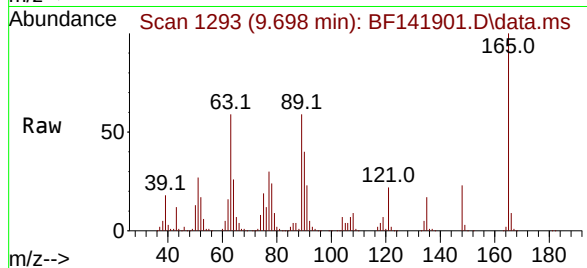
Tgt Ion:165 Resp: 281695

Ion Ratio Lower Upper

165 100

63 58.7 47.0 70.4

89 59.3 47.4 71.2



#52

Acenaphthene

Concen: 38.764 ng

RT: 9.951 min Scan# 1336

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

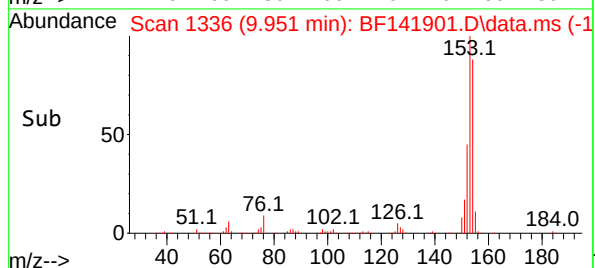
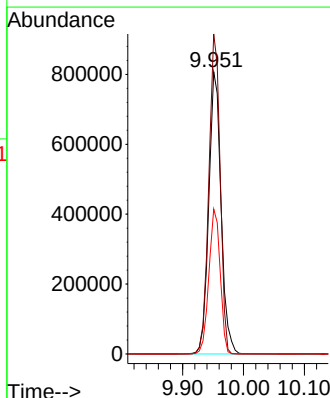
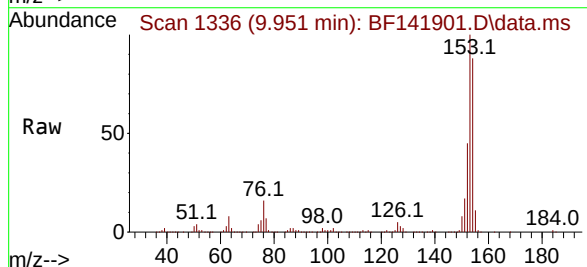
Tgt Ion:154 Resp: 1132087

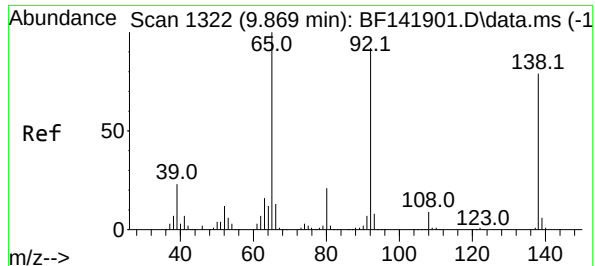
Ion Ratio Lower Upper

154 100

153 113.4 90.7 136.1

152 51.4 41.1 61.7

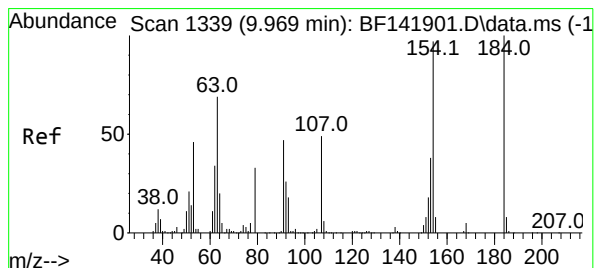
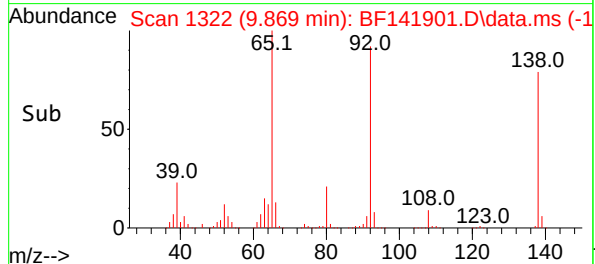
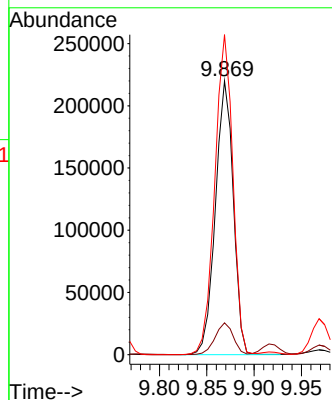
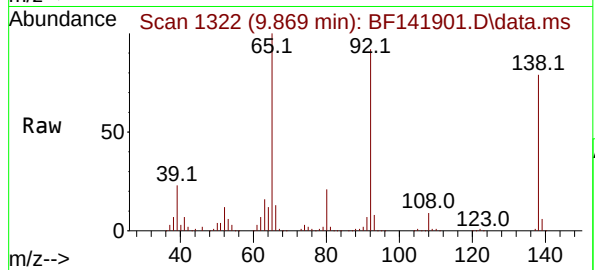




#53
3-Nitroaniline
Concen: 39.481 ng
RT: 9.869 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

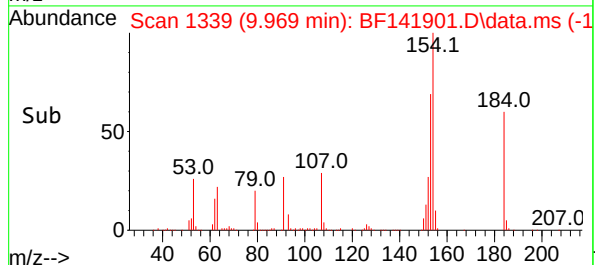
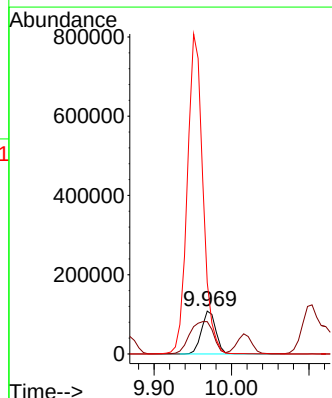
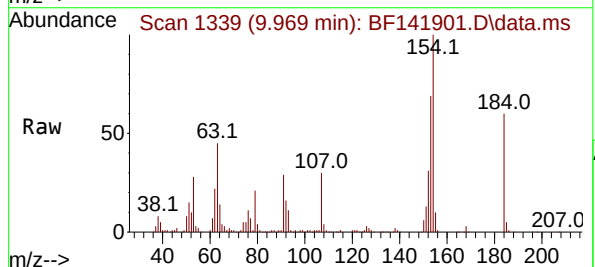
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

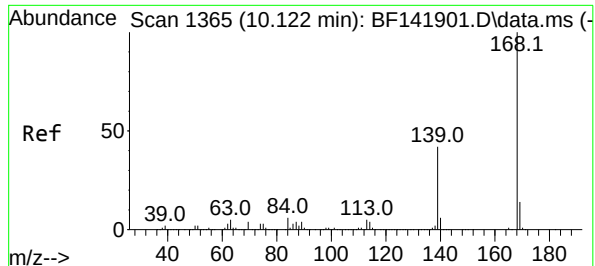
Tgt Ion:138 Resp: 289208
Ion Ratio Lower Upper
138 100
108 11.6 9.3 13.9
92 116.9 93.5 140.3



#54
2,4-Dinitrophenol
Concen: 38.116 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:184 Resp: 140024
Ion Ratio Lower Upper
184 100
63 75.3 60.2 90.4
154 166.1 132.9 199.3





#55

Dibenzenofuran

Concen: 38.266 ng

RT: 10.122 min Scan# 1365

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

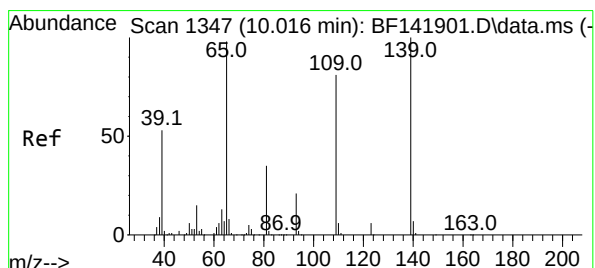
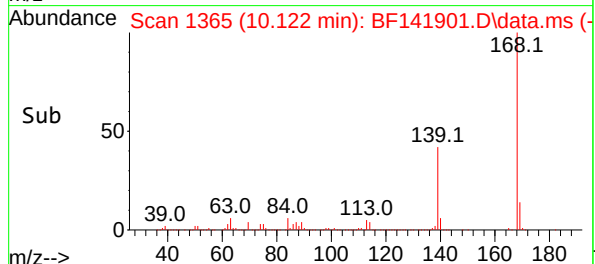
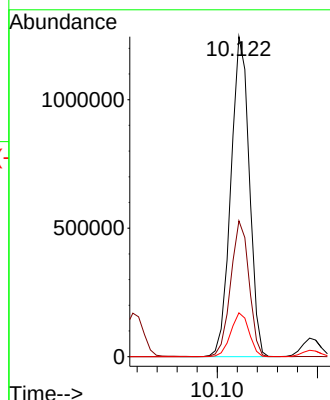
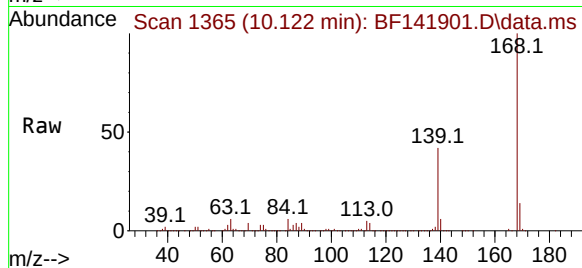
Tgt Ion:168 Resp: 1593454

Ion Ratio Lower Upper

168 100

139 42.4 33.9 50.9

169 13.7 11.0 16.4



#56

4-Nitrophenol

Concen: 41.266 ng

RT: 10.016 min Scan# 1347

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

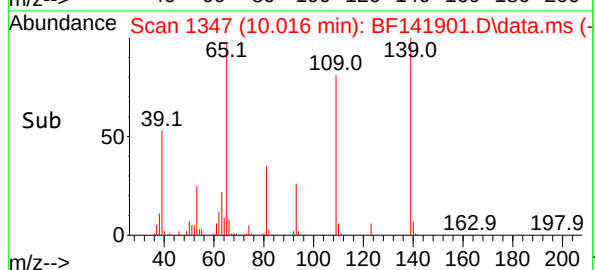
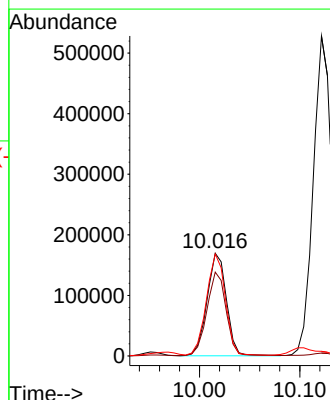
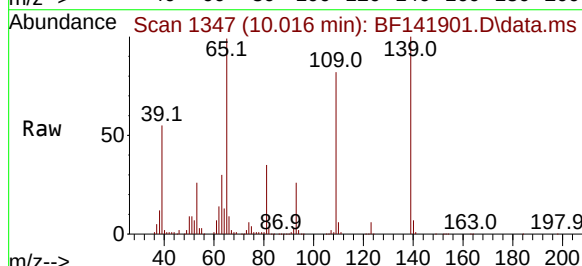
Tgt Ion:139 Resp: 227070

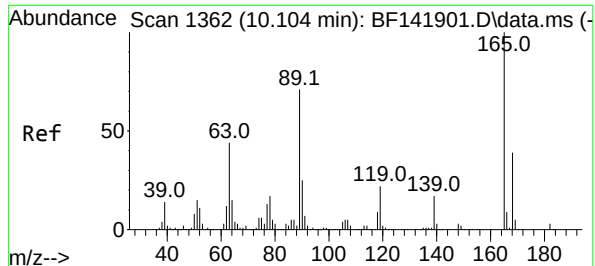
Ion Ratio Lower Upper

139 100

109 81.6 61.6 101.6

65 99.4 79.4 119.4

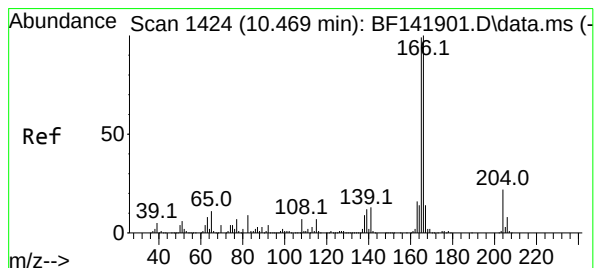
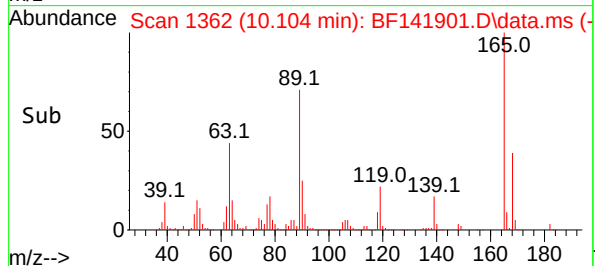
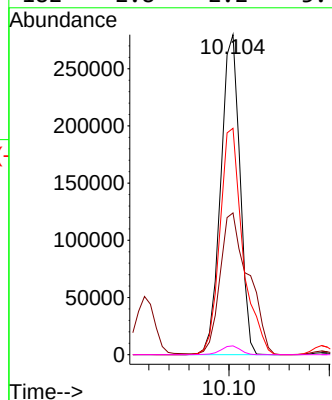
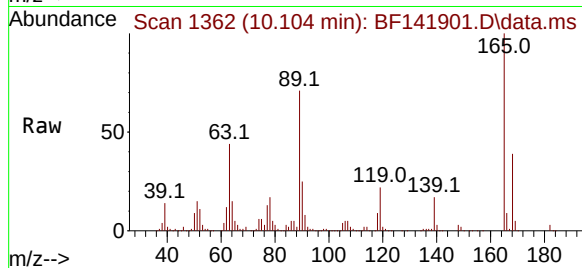




#57
2,4-Dinitrotoluene
Concen: 39.437 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

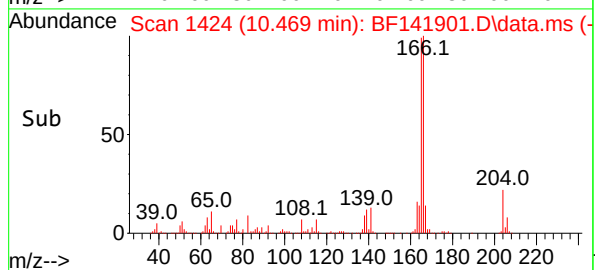
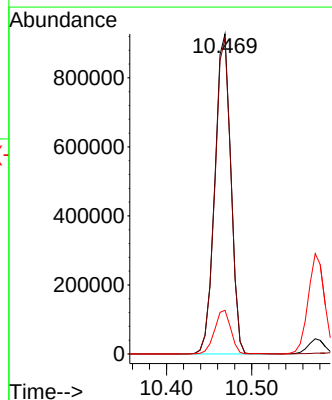
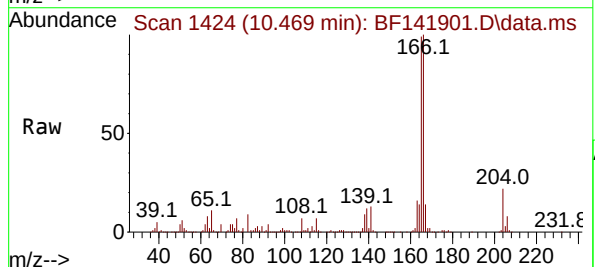
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

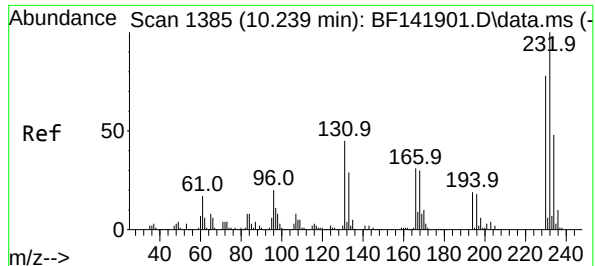
Tgt Ion:165 Resp: 370337
Ion Ratio Lower Upper
165 100
63 44.3 35.4 53.2
89 70.7 56.6 84.8
182 2.8 2.2 3.4



#58
Fluorene
Concen: 37.742 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:166 Resp: 1213316
Ion Ratio Lower Upper
166 100
165 98.7 79.0 118.4
167 13.7 11.0 16.4

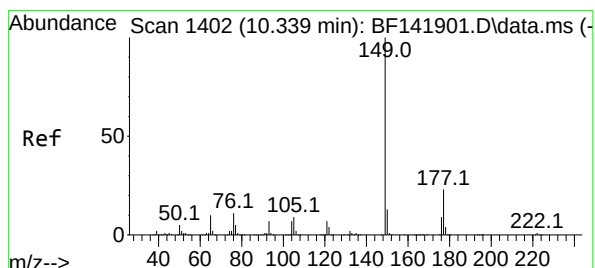
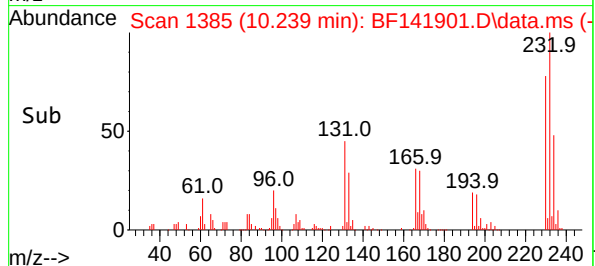
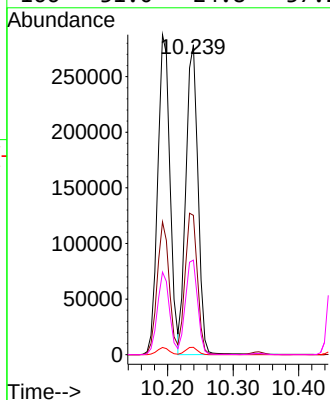
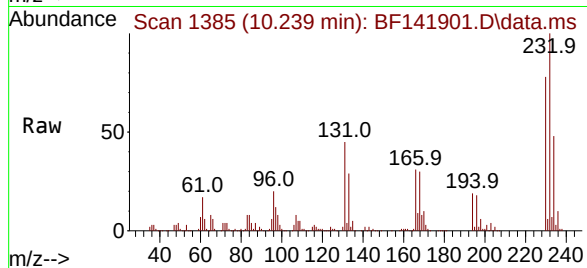




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.225 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

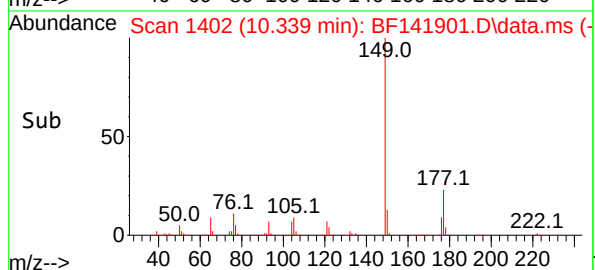
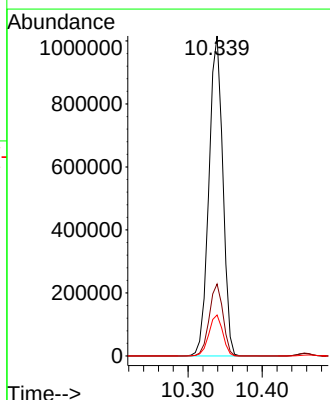
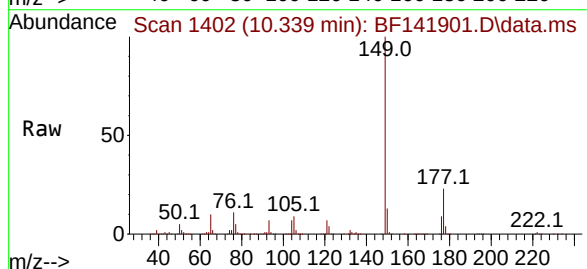
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

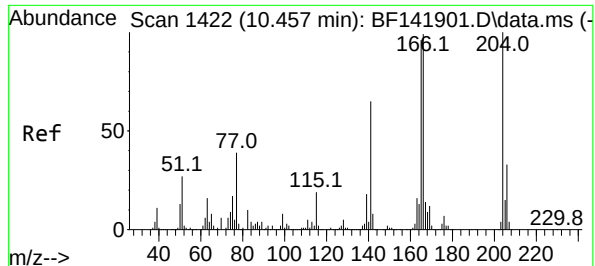
Tgt Ion:232 Resp: 354863
Ion Ratio Lower Upper
232 100
131 46.6 37.3 55.9
130 2.4 1.9 2.9
166 31.0 24.8 37.2



#60
Diethylphthalate
Concen: 38.304 ng
RT: 10.339 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:149 Resp: 1319116
Ion Ratio Lower Upper
149 100
177 22.5 18.0 27.0
150 12.8 10.2 15.4

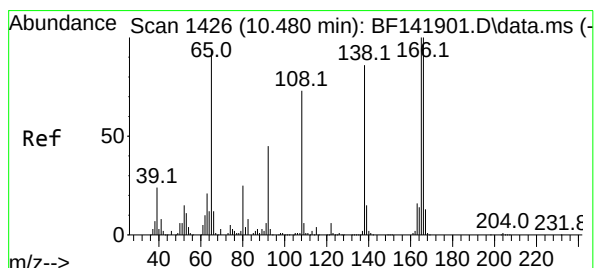
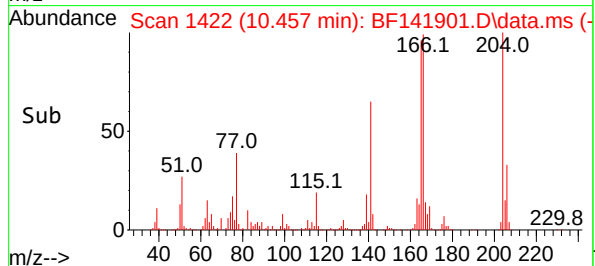
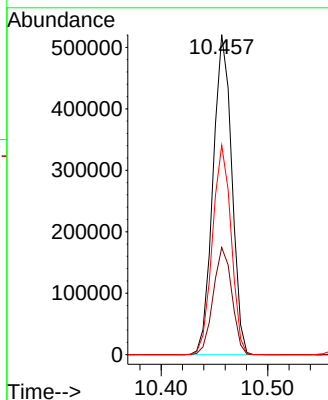
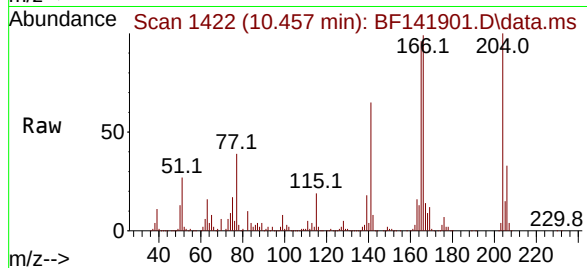




#61
4-Chlorophenyl-phenylether
Concen: 37.950 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

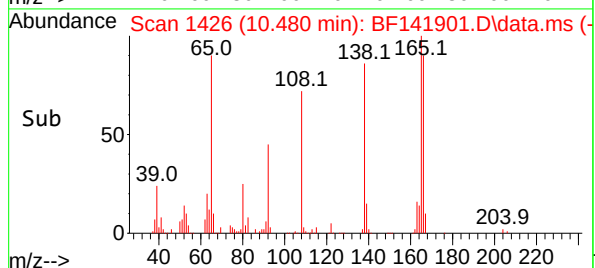
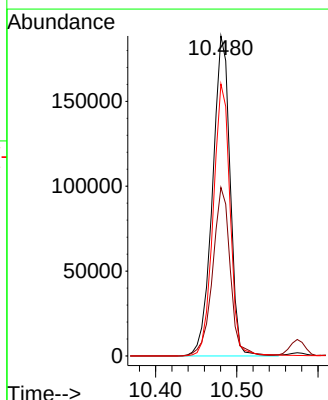
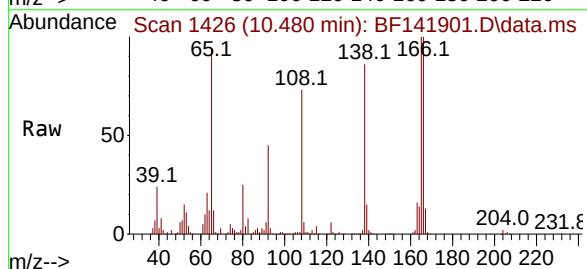
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

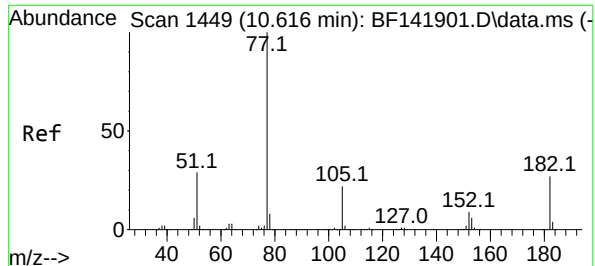
Tgt Ion:204 Resp: 635445
Ion Ratio Lower Upper
204 100
206 33.5 26.8 40.2
141 65.5 52.4 78.6



#62
4-Nitroaniline
Concen: 40.097 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:138 Resp: 284615
Ion Ratio Lower Upper
138 100
92 52.6 32.6 72.6
108 85.0 65.0 105.0

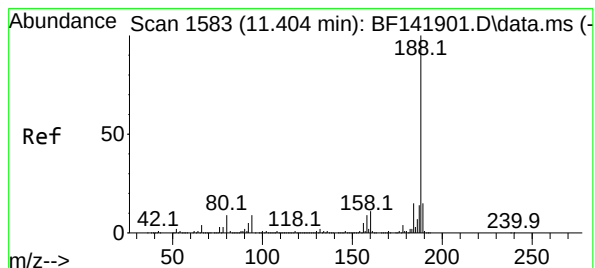
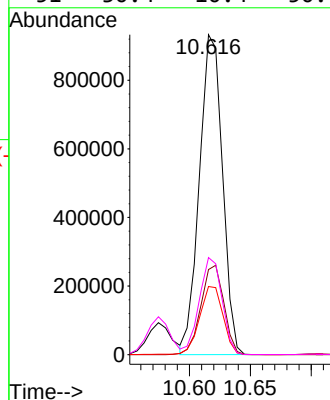
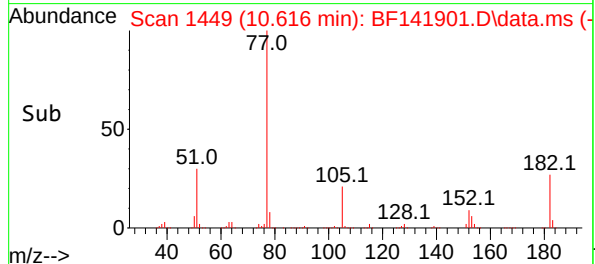
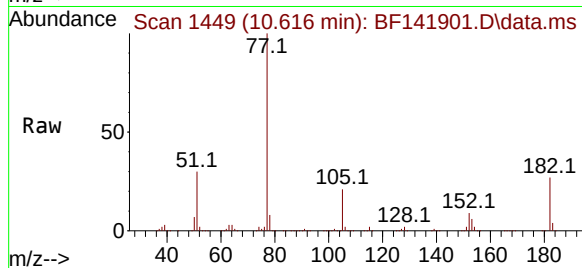




#63
Azobenzene
Concen: 38.432 ng
RT: 10.616 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

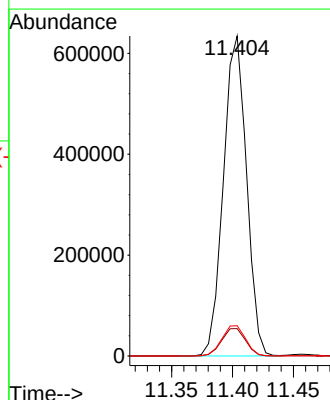
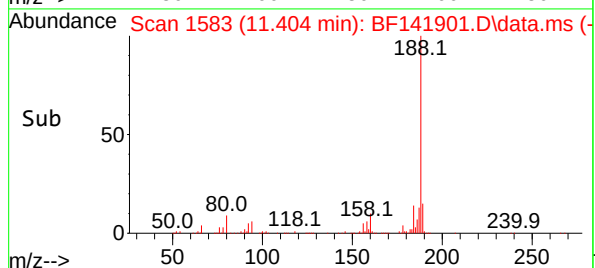
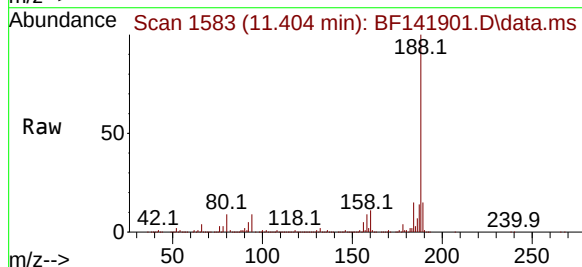
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

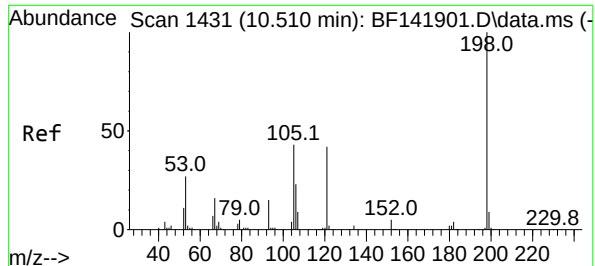
Tgt Ion: 77 Resp: 1229473
Ion Ratio Lower Upper
77 100
182 26.6 6.6 46.6
105 21.3 1.3 41.3
51 30.4 10.4 50.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion: 188 Resp: 839154
Ion Ratio Lower Upper
188 100
94 8.5 6.8 10.2
80 9.5 7.6 11.4

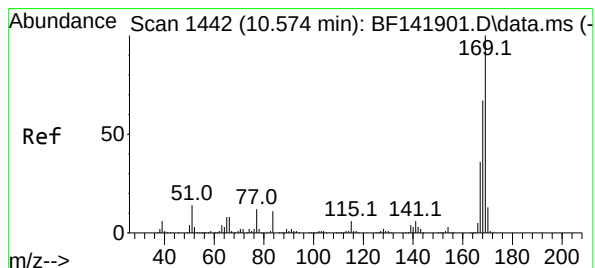
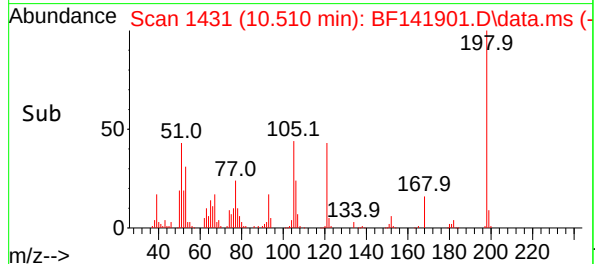
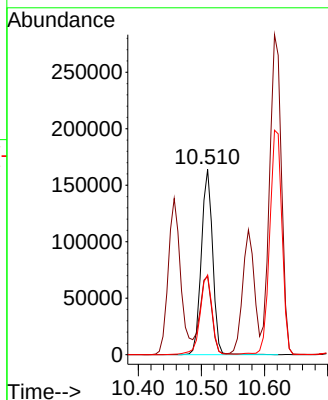
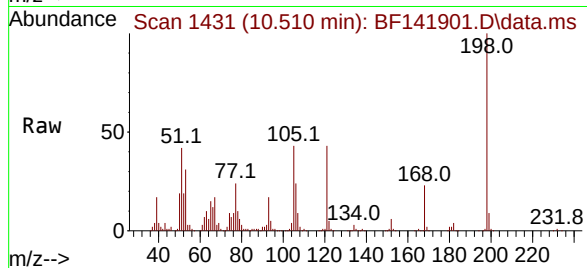




#65
4,6-Dinitro-2-methylphenol
Concen: 40.827 ng
RT: 10.510 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

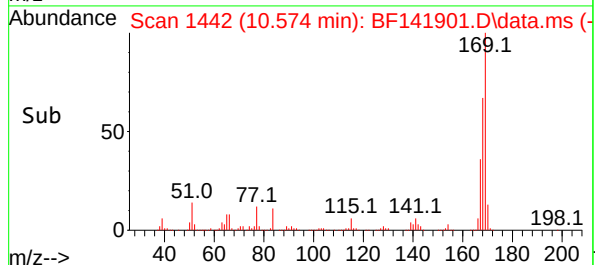
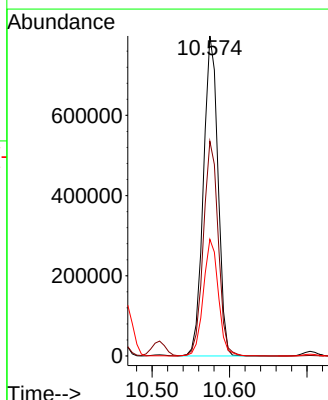
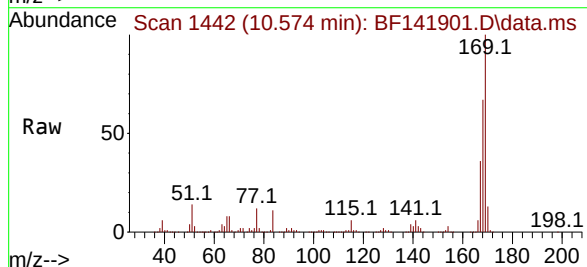
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

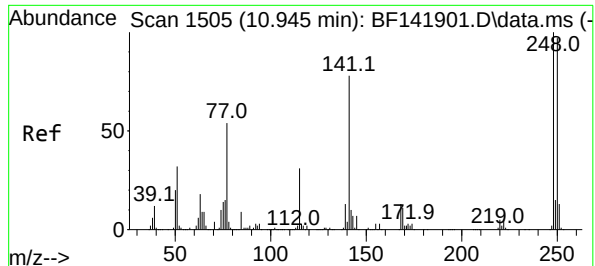
Tgt Ion:198 Resp: 203106
Ion Ratio Lower Upper
198 100
51 42.3 22.3 62.3
105 43.0 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 38.415 ng
RT: 10.574 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:169 Resp: 1041349
Ion Ratio Lower Upper
169 100
168 67.1 53.7 80.5
167 36.5 29.2 43.8

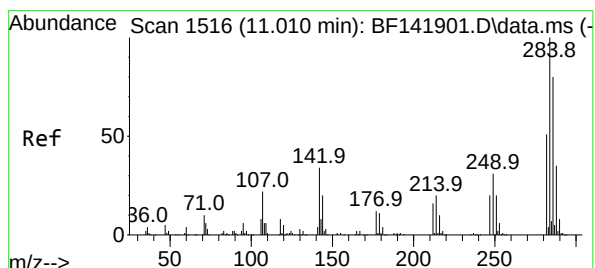
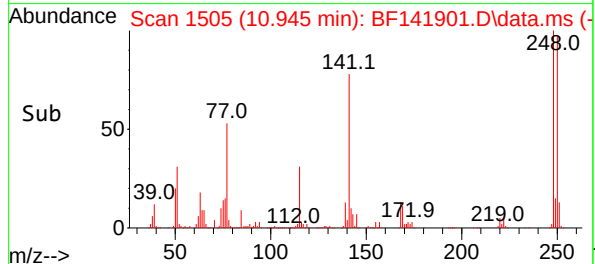
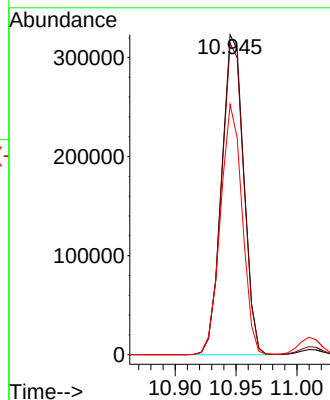
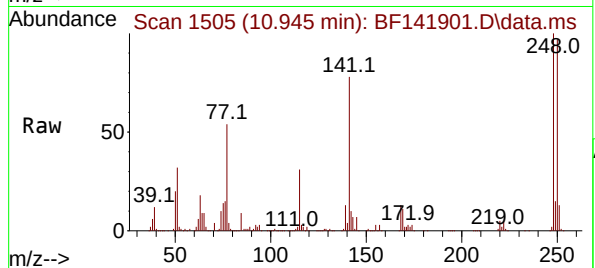




#67
4-Bromophenyl-phenylether
Concen: 39.195 ng
RT: 10.945 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

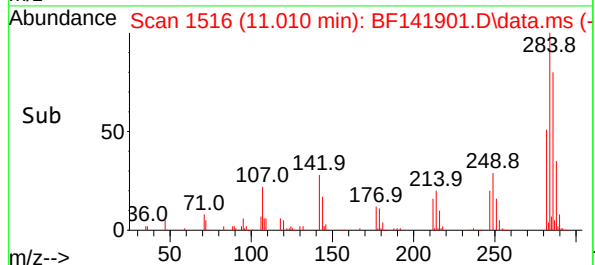
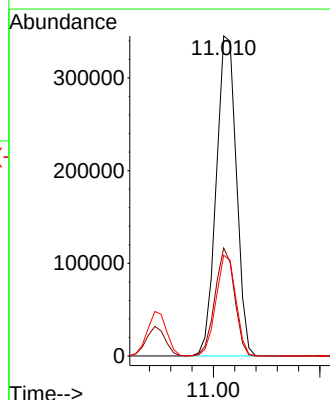
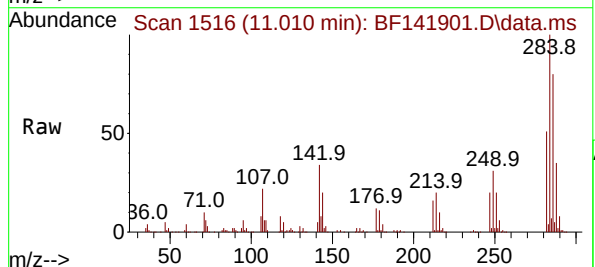
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

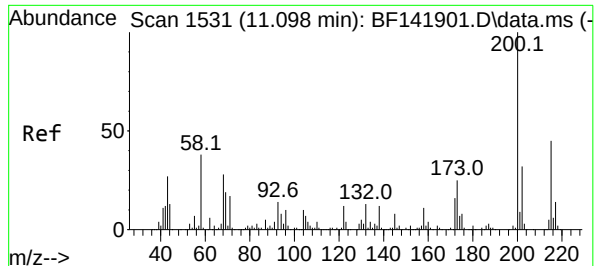
Tgt Ion:248 Resp: 409602
Ion Ratio Lower Upper
248 100
250 97.3 77.8 116.8
141 78.2 62.6 93.8



#68
Hexachlorobenzene
Concen: 39.146 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:284 Resp: 452189
Ion Ratio Lower Upper
284 100
142 33.8 27.0 40.6
249 31.5 25.2 37.8





#69

Atrazine

Concen: 41.614 ng

RT: 11.098 min Scan# 1531

Delta R.T. -0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

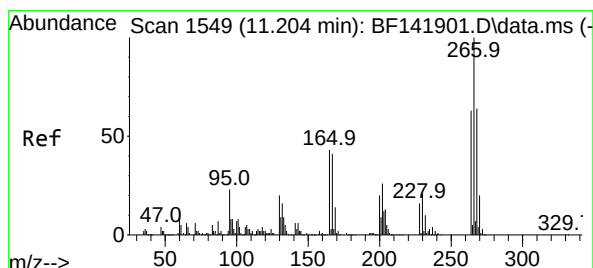
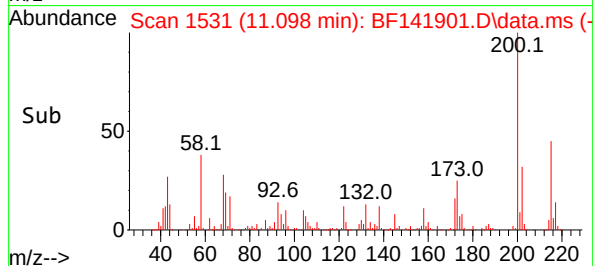
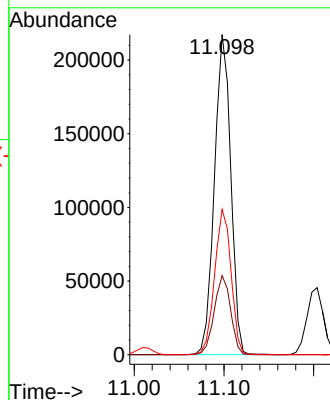
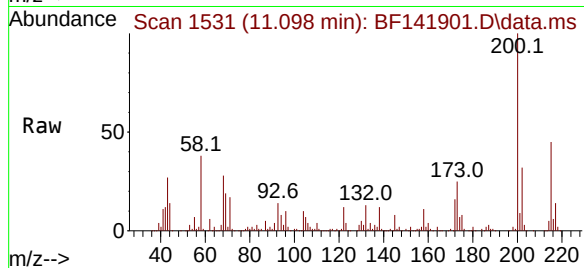
Tgt Ion:200 Resp: 275084

Ion Ratio Lower Upper

200 100

173 24.7 4.7 44.7

215 45.4 25.4 65.4



#70

Pentachlorophenol

Concen: 41.818 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

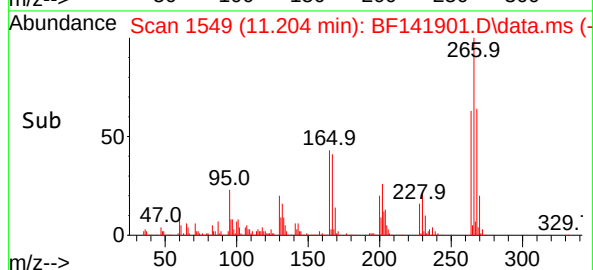
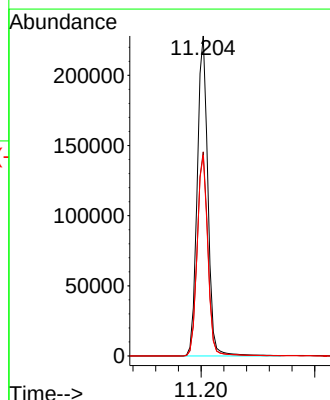
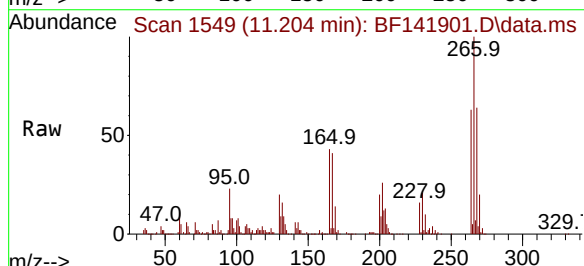
Tgt Ion:266 Resp: 297893

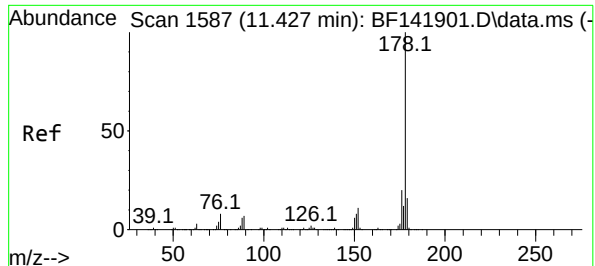
Ion Ratio Lower Upper

266 100

268 63.8 51.0 76.6

264 62.7 50.2 75.2

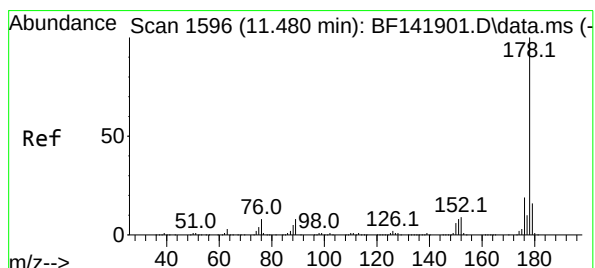
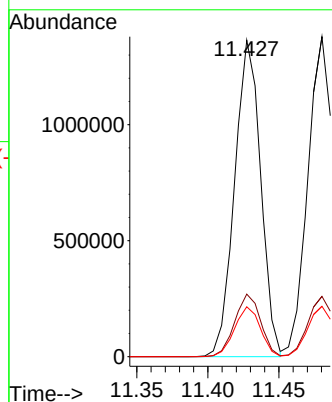
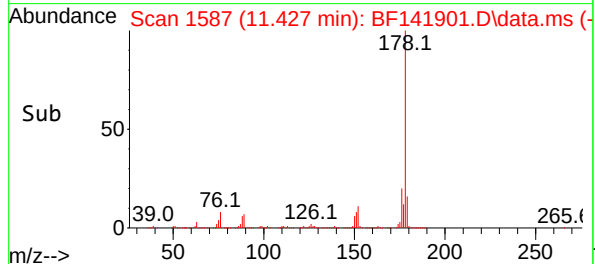
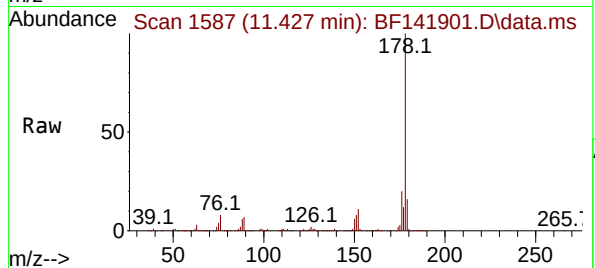




#71
Phenanthrene
Concen: 38.373 ng
RT: 11.427 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

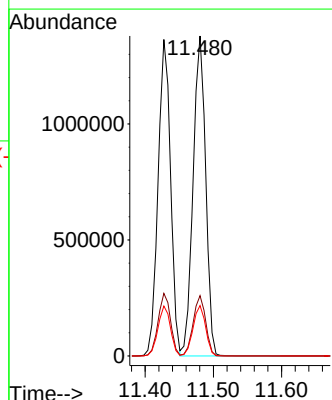
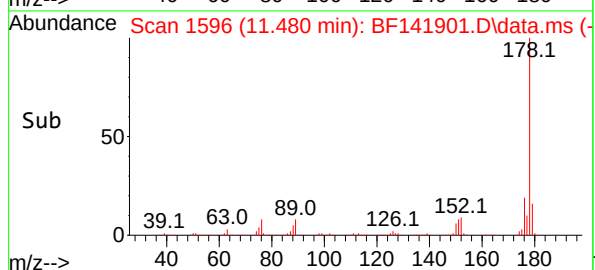
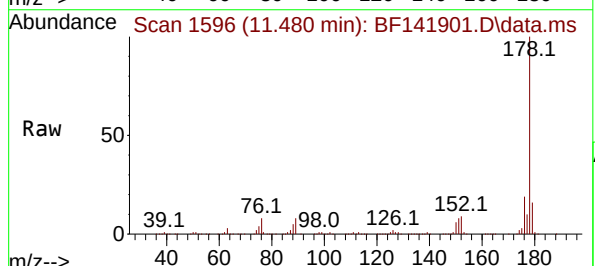
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

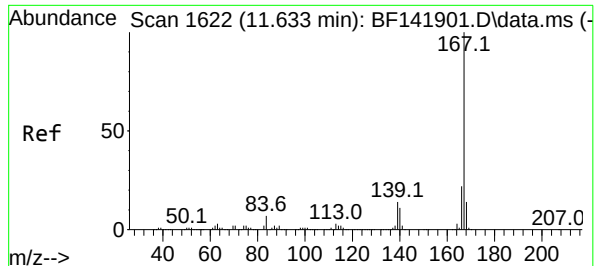
Tgt Ion:178 Resp: 1741309
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.8
179 15.8 12.6 19.0



#72
Anthracene
Concen: 38.571 ng
RT: 11.480 min Scan# 1596
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:178 Resp: 1756035
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.8 12.6 19.0

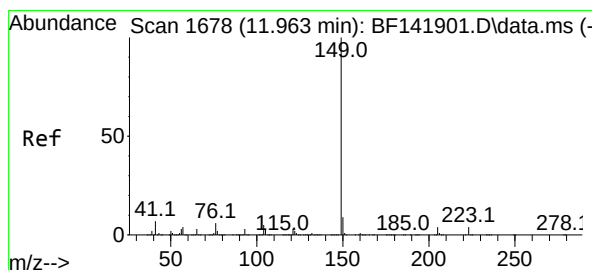
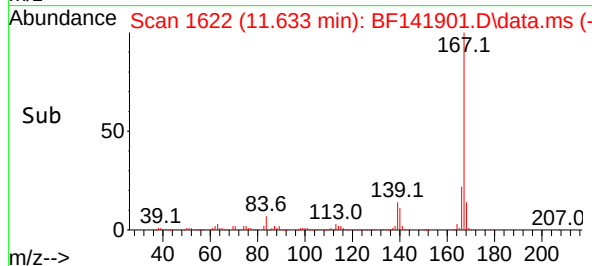
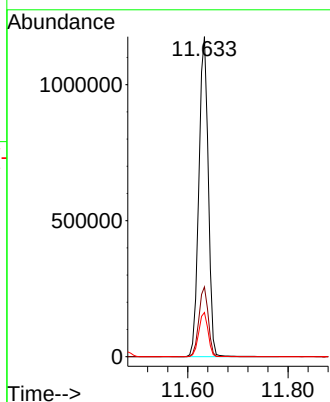
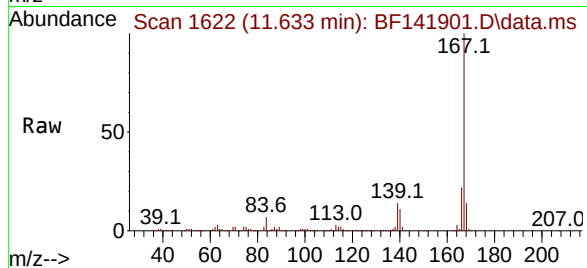




#73
Carbazole
Concen: 38.898 ng
RT: 11.633 min Scan# 1622
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

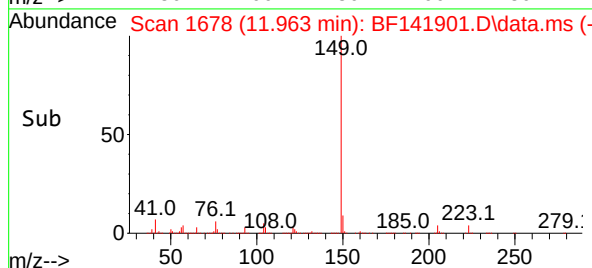
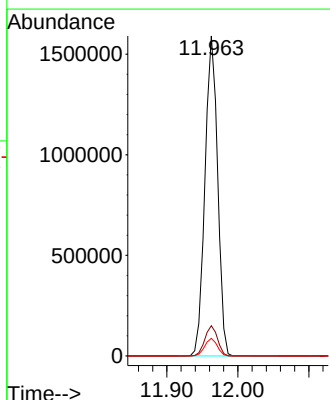
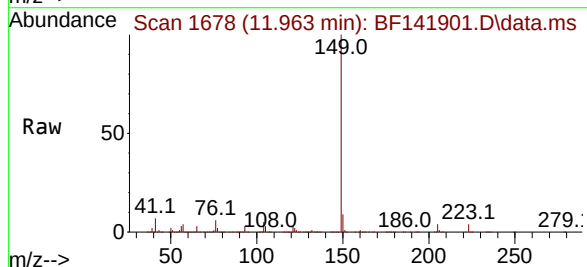
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

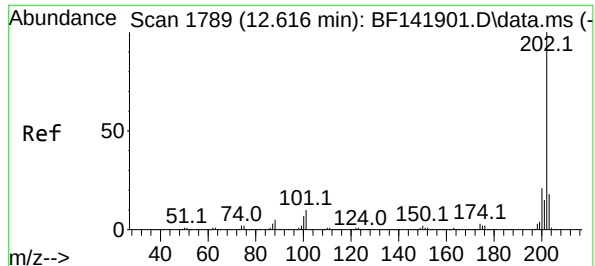
Tgt Ion:167 Resp: 1524663
Ion Ratio Lower Upper
167 100
166 21.8 17.4 26.2
139 13.8 11.0 16.6



#74
Di-n-butylphthalate
Concen: 38.175 ng
RT: 11.963 min Scan# 1678
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:149 Resp: 1975625
Ion Ratio Lower Upper
149 100
150 9.5 7.6 11.4
104 5.5 4.4 6.6

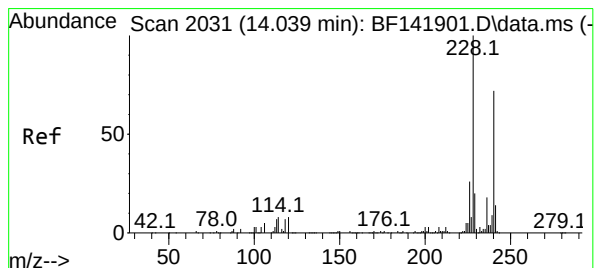
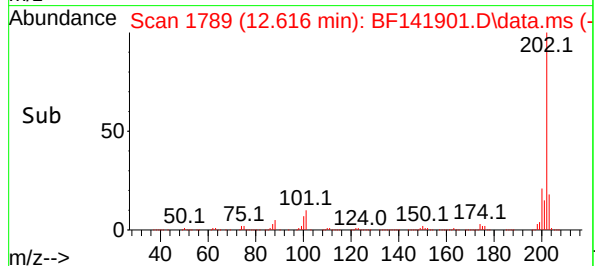
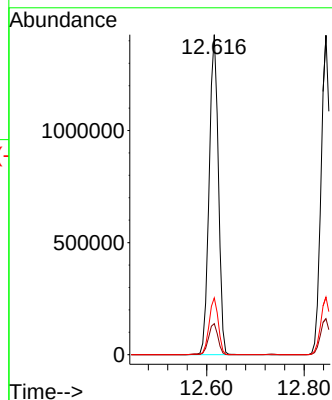
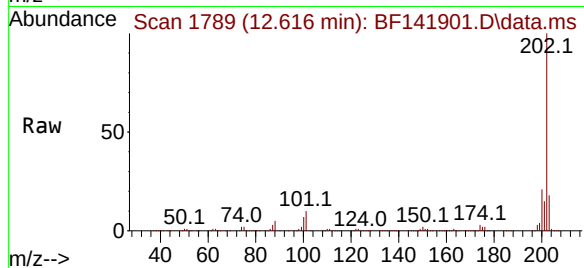




#75
Fluoranthene
Concen: 39.049 ng
RT: 12.616 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

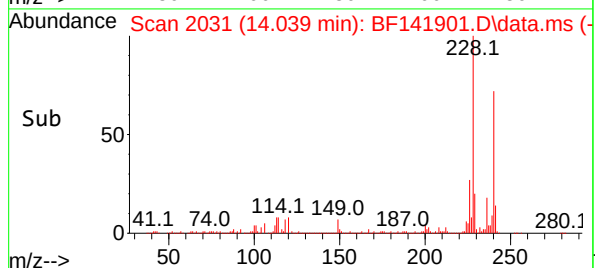
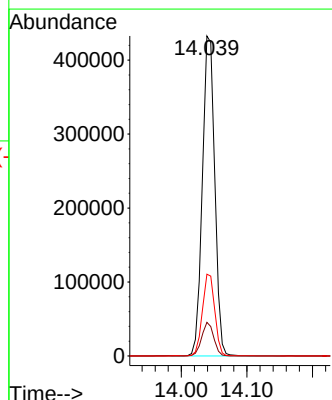
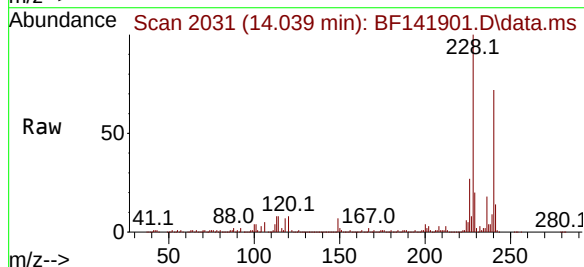
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

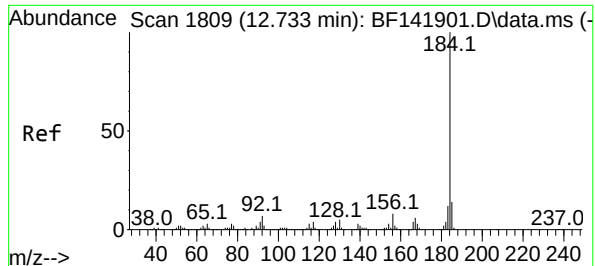
Tgt Ion:202 Resp: 1860202
Ion Ratio Lower Upper
202 100
101 9.7 0.0 29.7
203 17.8 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:240 Resp: 569865
Ion Ratio Lower Upper
240 100
120 10.5 8.4 12.6
236 25.6 20.5 30.7





#77

Benzidine

Concen: 50.915 ng

RT: 12.733 min Scan# 1809

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

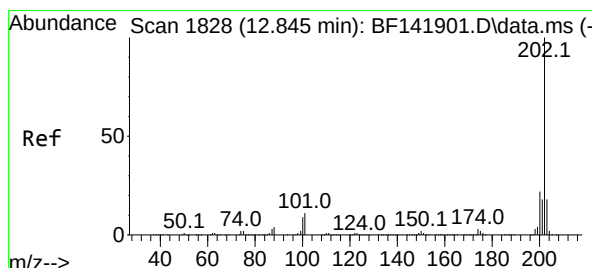
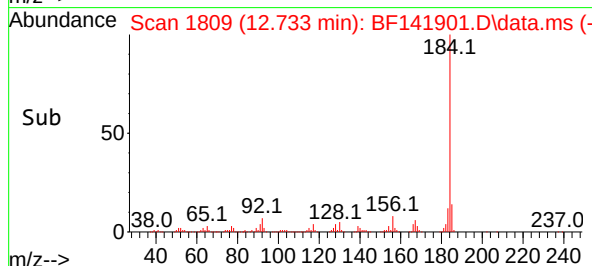
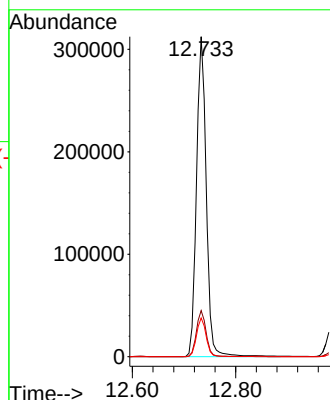
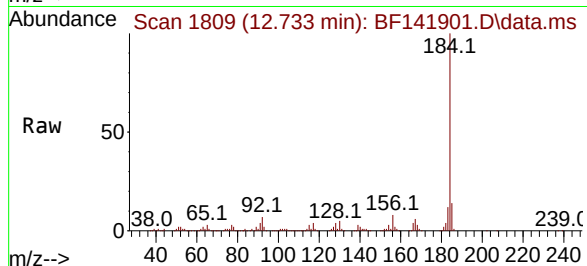
Tgt Ion:184 Resp: 410026

Ion Ratio Lower Upper

184 100

185 14.4 11.5 17.3

183 12.1 9.7 14.5



#78

Pyrene

Concen: 37.567 ng

RT: 12.845 min Scan# 1828

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

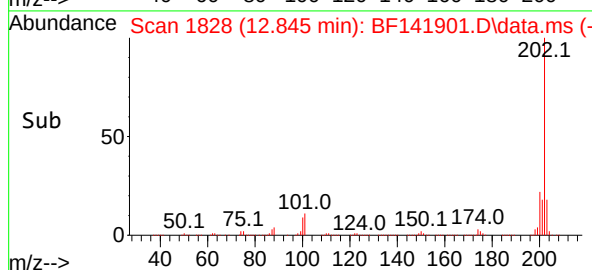
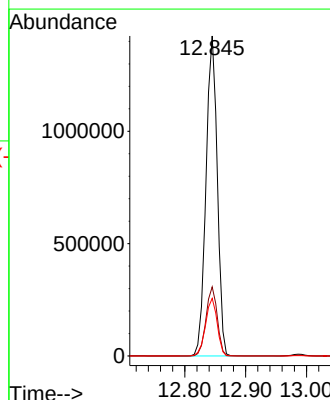
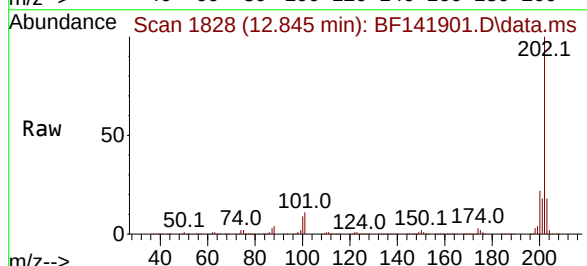
Tgt Ion:202 Resp: 1835917

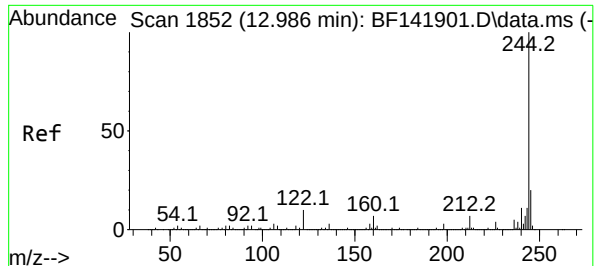
Ion Ratio Lower Upper

202 100

200 21.6 17.3 25.9

203 18.0 14.4 21.6





#79

Terphenyl-d14

Concen: 75.440 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

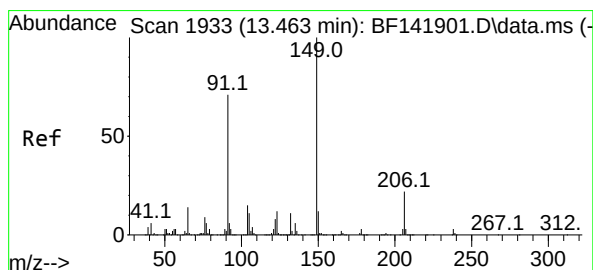
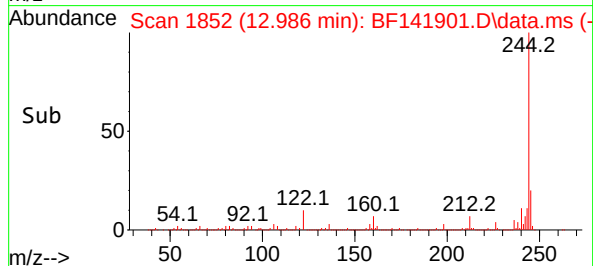
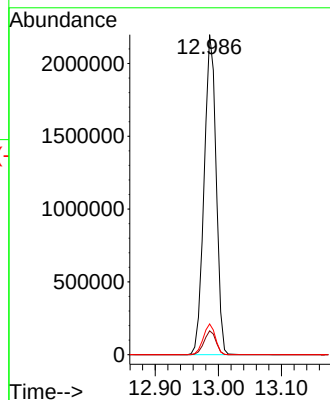
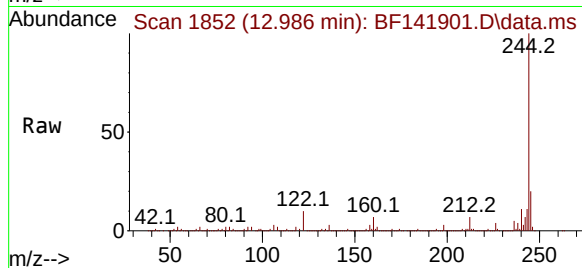
Tgt Ion:244 Resp: 2908357

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

122 9.6 7.7 11.5



#80

Butylbenzylphthalate

Concen: 38.769 ng

RT: 13.463 min Scan# 1933

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

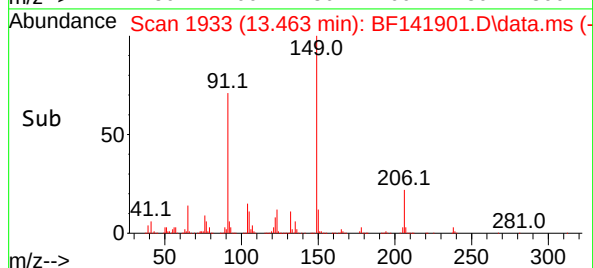
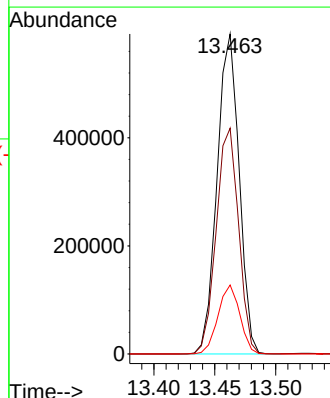
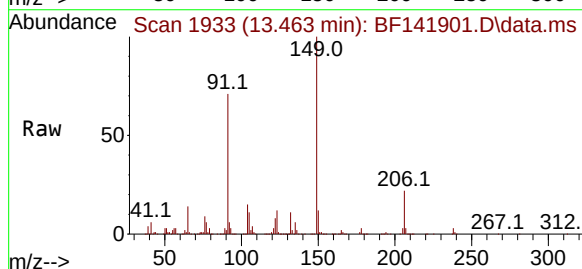
Tgt Ion:149 Resp: 746613

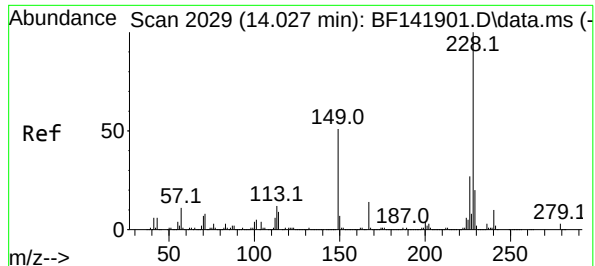
Ion Ratio Lower Upper

149 100

91 70.6 56.5 84.7

206 21.6 17.3 25.9

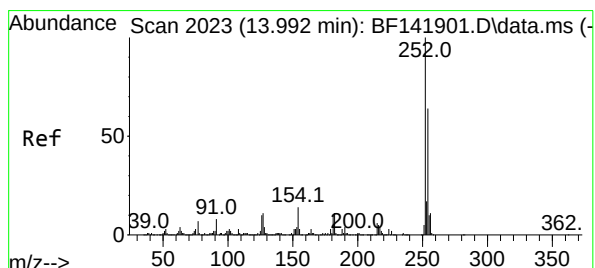
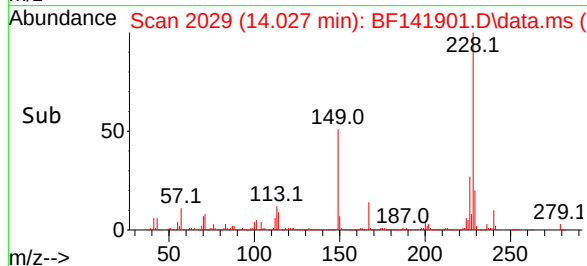
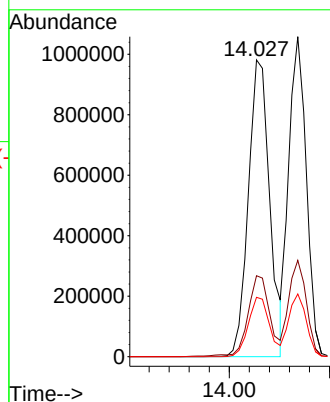
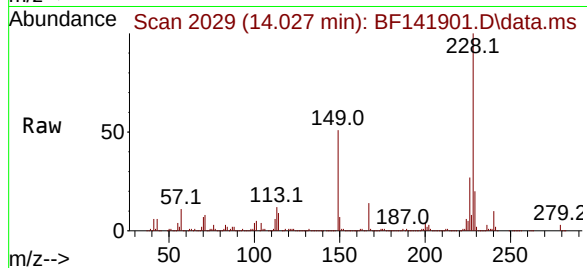




#81
Benzo(a)anthracene
Concen: 38.713 ng
RT: 14.027 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

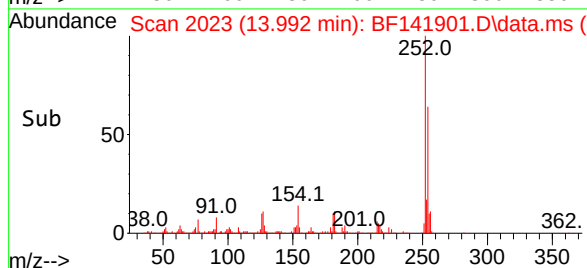
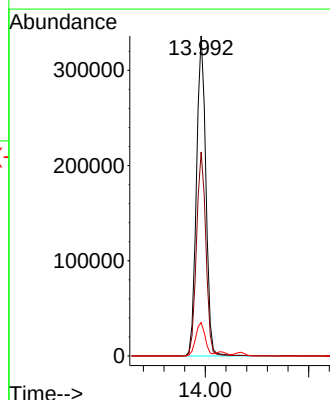
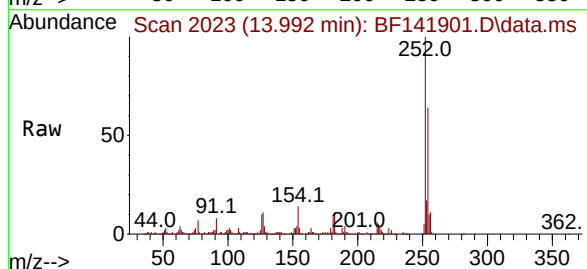
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

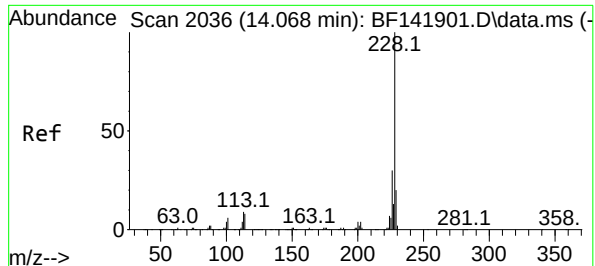
Tgt Ion:228 Resp: 1451332
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 20.0 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 39.114 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:252 Resp: 423835
Ion Ratio Lower Upper
252 100
254 63.8 51.0 76.6
126 10.5 8.4 12.6





#83

Chrysene

Concen: 38.439 ng

RT: 14.068 min Scan# 2036

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

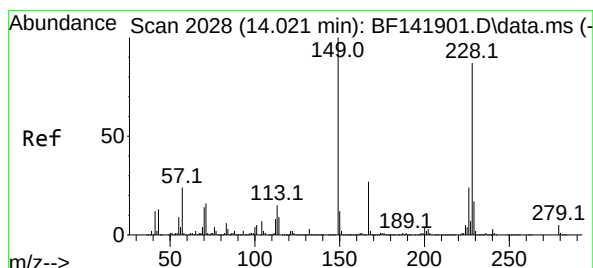
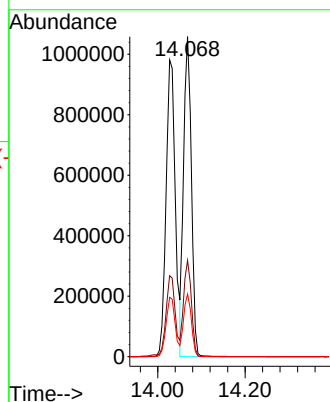
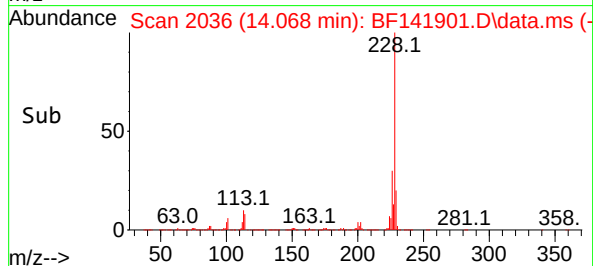
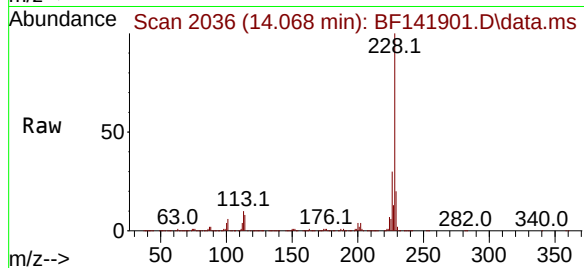
Tgt Ion:228 Resp: 1294538

Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

229 19.6 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.985 ng

RT: 14.021 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

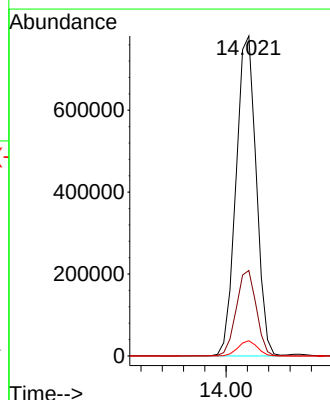
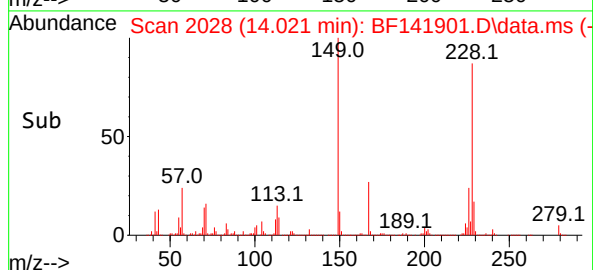
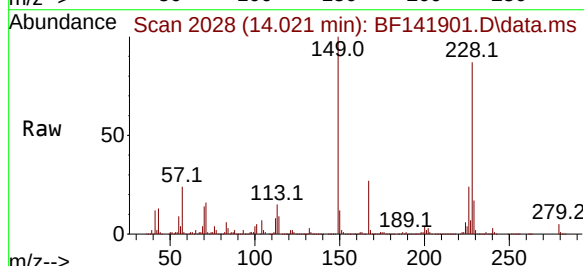
Tgt Ion:149 Resp: 1029987

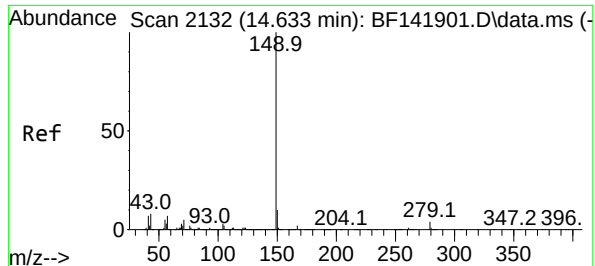
Ion Ratio Lower Upper

149 100

167 26.7 21.4 32.0

279 4.7 3.8 5.6

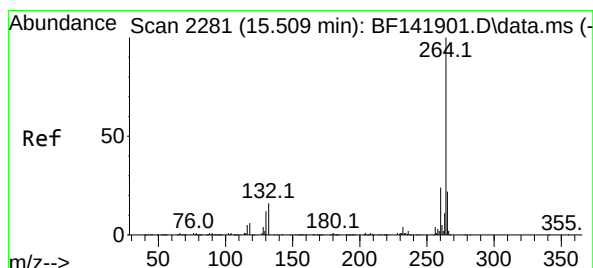
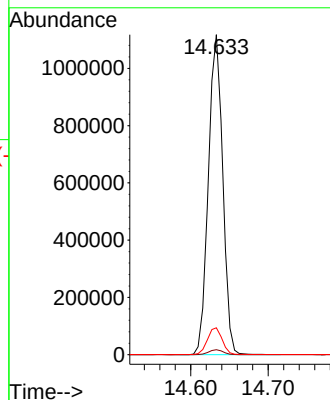
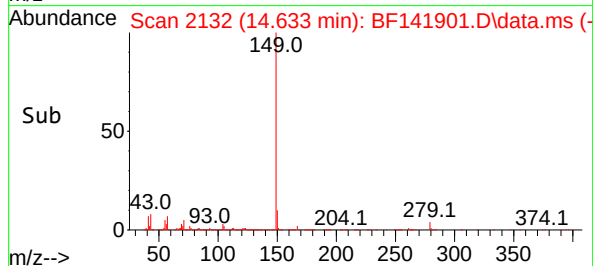
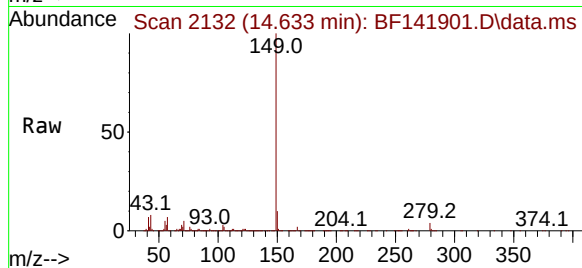




#85
Di-n-octyl phthalate
Concen: 39.193 ng
RT: 14.633 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

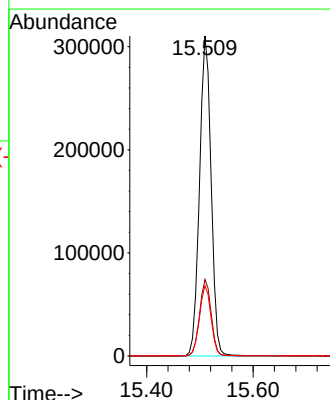
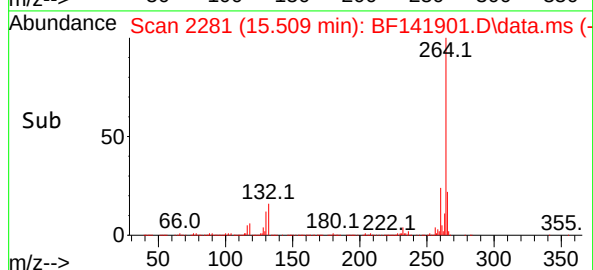
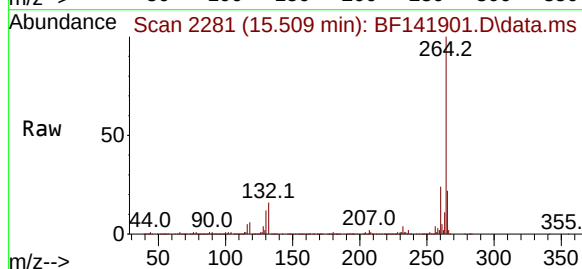
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

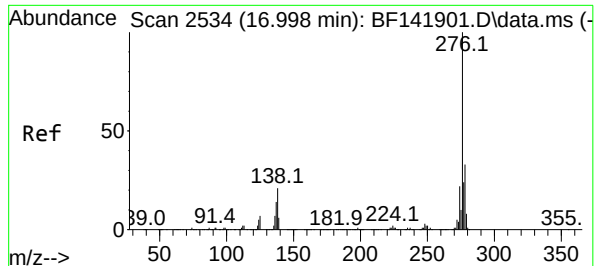
Tgt Ion:149 Resp: 1441248
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.6 6.9 10.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.509 min Scan# 2281
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:264 Resp: 469286
Ion Ratio Lower Upper
264 100
260 23.9 19.1 28.7
265 21.9 17.5 26.3

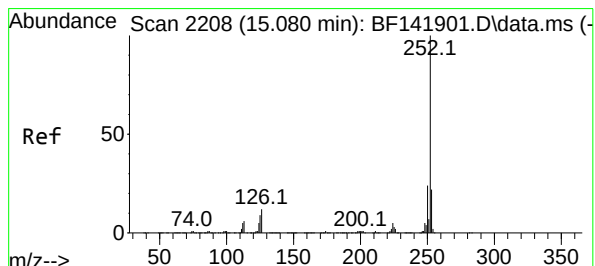
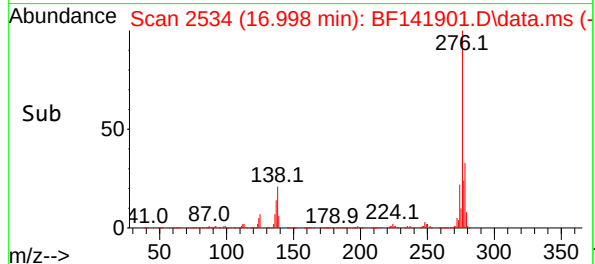
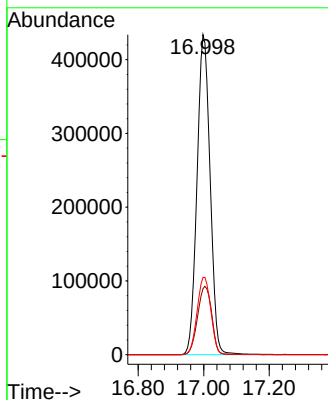
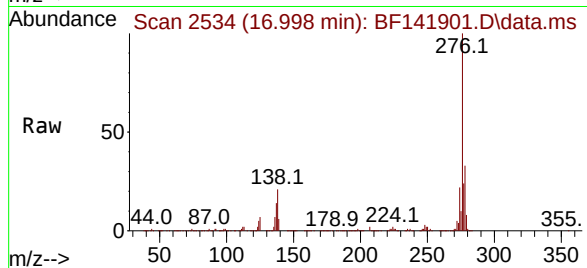




#87
Indeno(1,2,3-cd)pyrene
Concen: 39.681 ng
RT: 16.998 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

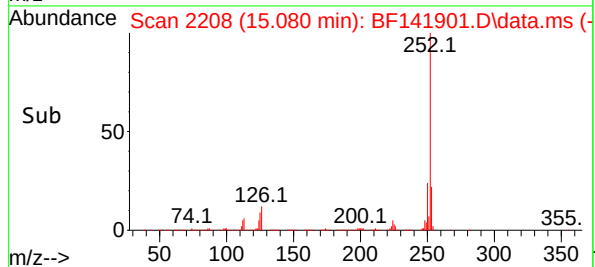
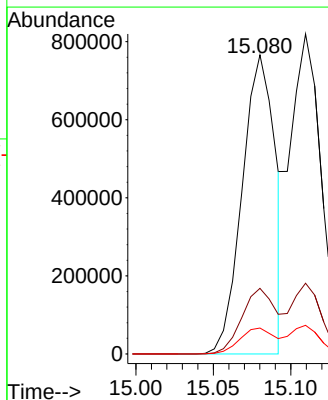
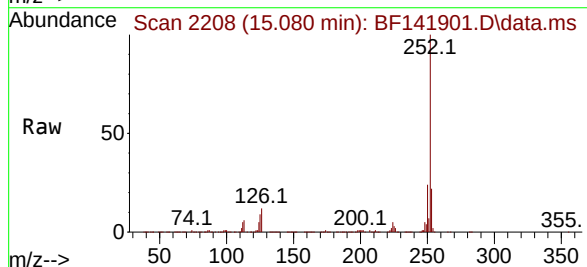
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

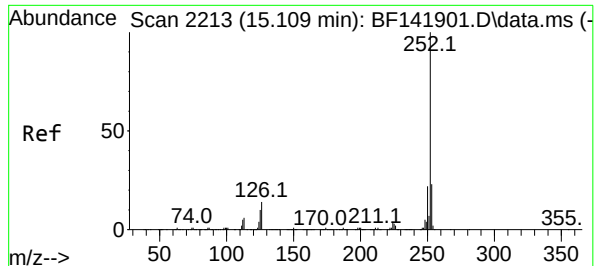
Tgt Ion:276 Resp: 1207616
Ion Ratio Lower Upper
276 100
138 23.0 18.4 27.6
277 25.4 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 35.673 ng
RT: 15.080 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BF141901.D
Acq: 10 Mar 2025 12:58

Tgt Ion:252 Resp: 1135547
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 8.7 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 40.661 ng

RT: 15.109 min Scan# 2213

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

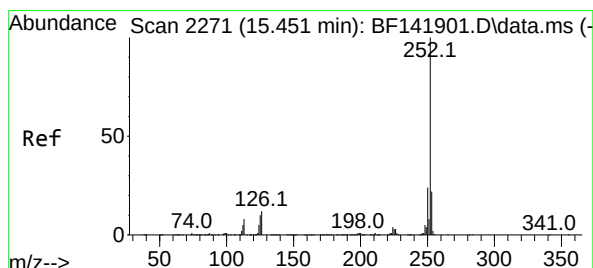
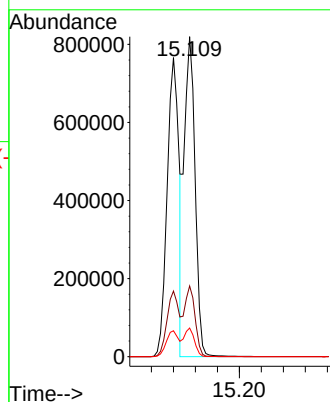
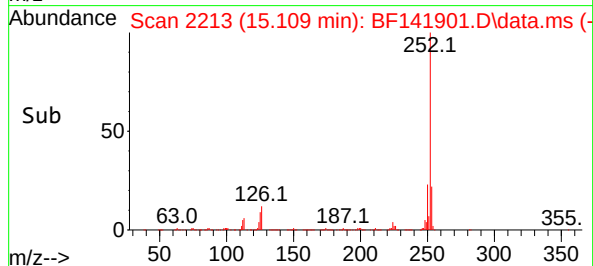
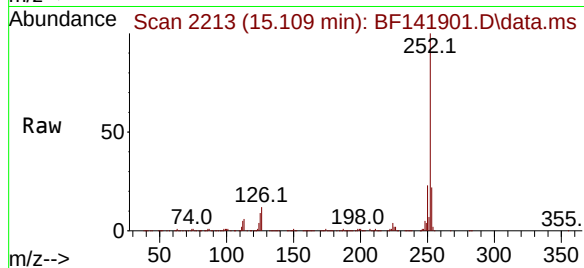
Tgt Ion:252 Resp: 1130615

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 9.0 7.2 10.8



#90

Benzo(a)pyrene

Concen: 38.727 ng

RT: 15.451 min Scan# 2271

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

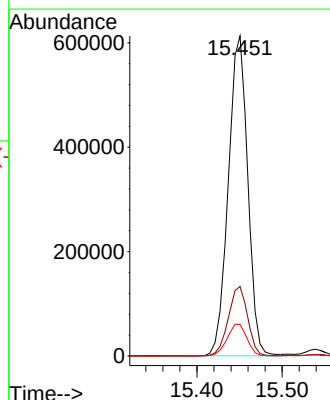
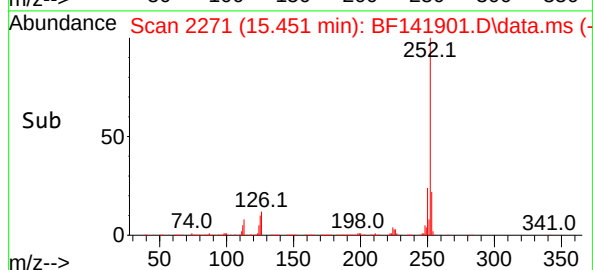
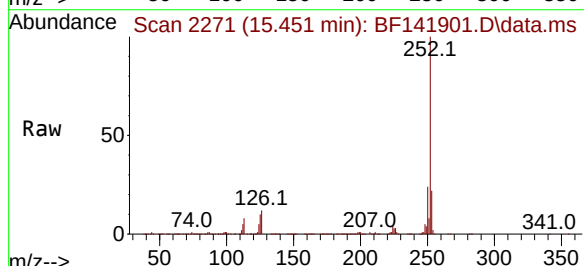
Tgt Ion:252 Resp: 972220

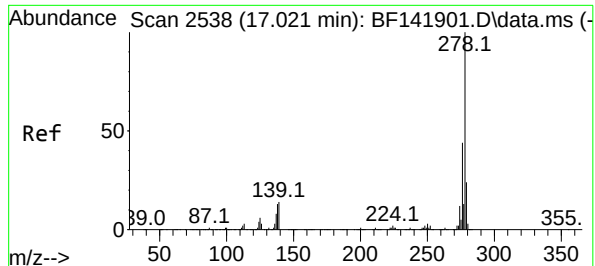
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 9.8 7.8 11.8





#91

Dibenzo(a,h)anthracene

Concen: 39.933 ng

RT: 17.021 min Scan# 2538

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

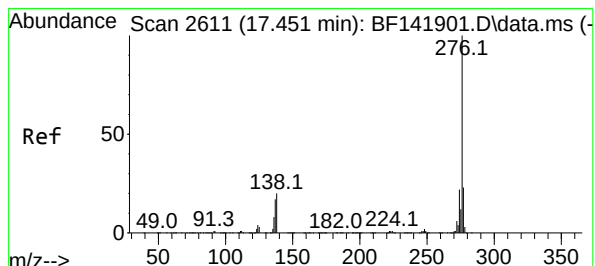
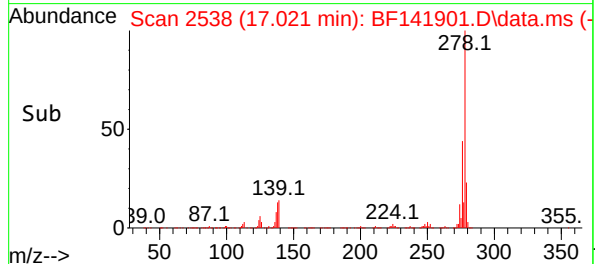
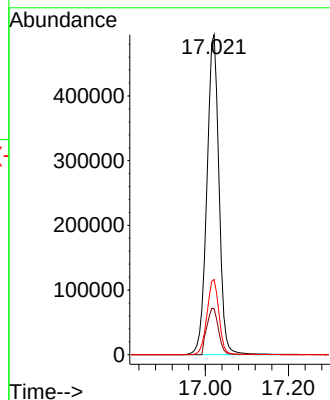
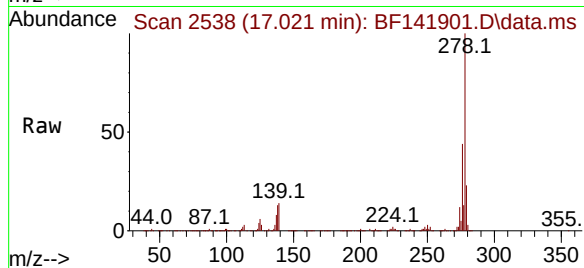
Tgt Ion:278 Resp: 1002747

Ion Ratio Lower Upper

278 100

139 14.3 11.4 17.2

279 23.5 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 40.149 ng

RT: 17.451 min Scan# 2611

Delta R.T. 0.000 min

Lab File: BF141901.D

Acq: 10 Mar 2025 12:58

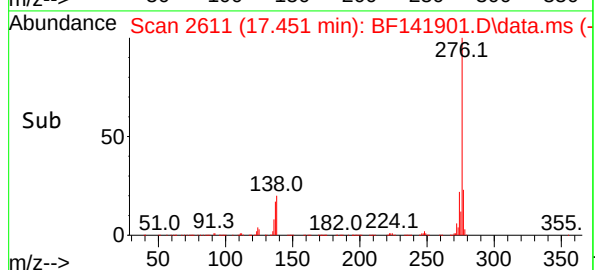
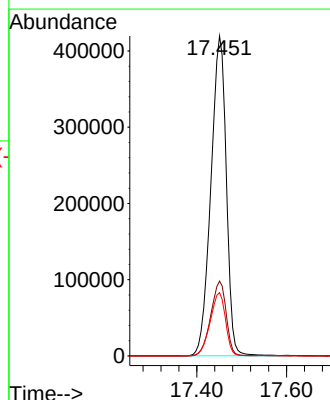
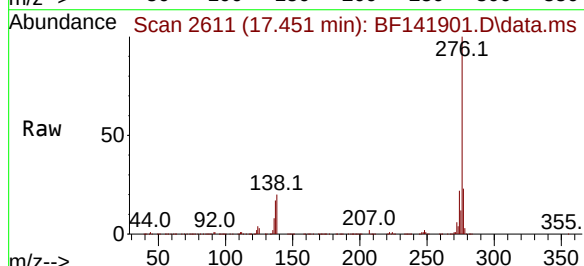
Tgt Ion:276 Resp: 999947

Ion Ratio Lower Upper

276 100

277 23.4 18.7 28.1

138 19.8 15.8 23.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
 Data File : BF141903.D
 Acq On : 10 Mar 2025 13:57
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Quant Time: Mar 10 15:37:05 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:01:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	216861	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	872222	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	497194	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	827202	20.000	ng	0.00
76) Chrysene-d12	14.045	240	468454	20.000	ng	0.00
86) Perylene-d12	15.509	264	407346	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1490872	114.705	ng	0.00
7) Phenol-d6	6.510	99	1913610	115.601	ng	0.00
23) Nitrobenzene-d5	7.451	82	1899726	122.074	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	791365	125.609	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	3716590	113.827	ng	0.00
79) Terphenyl-d14	12.992	244	3982780	125.675	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	325927	59.832	ng	99
3) Pyridine	3.440	79	786537	58.753	ng	99
4) n-Nitrosodimethylamine	3.404	42	386646	60.759	ng	100
6) Aniline	6.551	93	933875	57.146	ng	99
8) 2-Chlorophenol	6.669	128	835549	58.000	ng	97
9) Benzaldehyde	6.434	77	465511	50.311	ng	100
10) Phenol	6.528	94	996848	57.074	ng	95
11) bis(2-Chloroethyl)ether	6.622	93	765071	58.464	ng	99
12) 1,3-Dichlorobenzene	6.828	146	911340	58.540	ng	99
13) 1,4-Dichlorobenzene	6.904	146	923545	58.635	ng	99
14) 1,2-Dichlorobenzene	7.057	146	873604	58.898	ng	99
15) Benzyl Alcohol	7.028	79	810347	60.480	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	957808	60.730	ng	99
17) 2-Methylphenol	7.134	107	701676	61.285	ng	99
18) Hexachloroethane	7.398	117	364561	61.734	ng	96
19) n-Nitroso-di-n-propyla...	7.304	70	644501	60.576	ng	99
20) 3+4-Methylphenols	7.292	107	868157	59.116	ng	# 81
22) Acetophenone	7.298	105	1226859	58.635	ng	97
24) Nitrobenzene	7.469	77	939508	60.889	ng	100
25) Isophorone	7.710	82	1695749	61.720	ng	100
26) 2-Nitrophenol	7.781	139	491301	64.978	ng	98
27) 2,4-Dimethylphenol	7.816	122	639505	61.408	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	1039951	60.422	ng	99
29) 2,4-Dichlorophenol	8.022	162	791904	61.272	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	870403	61.044	ng	99
31) Naphthalene	8.186	128	2545181	56.961	ng	99
32) Benzoic acid	7.951	122	634105	69.664	ng	99
33) 4-Chloroaniline	8.233	127	920015	58.348	ng	99
34) Hexachlorobutadiene	8.304	225	559955	60.397	ng	99
35) Caprolactam	8.628	113	235861	60.015	ng	95
36) 4-Chloro-3-methylphenol	8.716	107	874022	60.807	ng	98
37) 2-Methylnaphthalene	8.875	142	1744374	58.187	ng	99
38) 1-Methylnaphthalene	8.975	142	1692113	58.285	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	903928	59.627	ng	99
41) Hexachlorocyclopentadiene	9.028	237	375919	62.842	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	597686	60.479	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
 Data File : BF141903.D
 Acq On : 10 Mar 2025 13:57
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

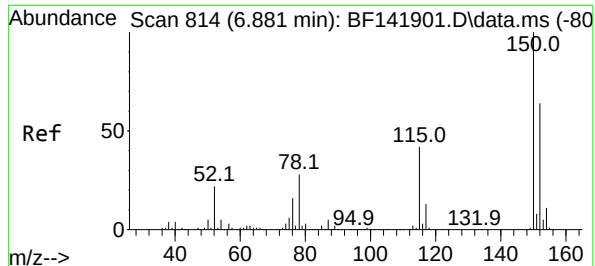
Quant Time: Mar 10 15:37:05 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:01:52 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	618930	61.642	ng	99
46) 1,1'-Biphenyl	9.345	154	2134829	56.634	ng	99
47) 2-Chloronaphthalene	9.369	162	1625973	57.879	ng	100
48) 2-Nitroaniline	9.463	65	495229	61.368	ng	99
49) Acenaphthylene	9.786	152	2379216	57.125	ng	99
50) Dimethylphthalate	9.651	163	2006480	58.083	ng	100
51) 2,6-Dinitrotoluene	9.704	165	441383	61.441	ng	99
52) Acenaphthene	9.957	154	1737049	59.065	ng	99
53) 3-Nitroaniline	9.875	138	449553	60.945	ng	100
54) 2,4-Dinitrophenol	9.975	184	240530	60.329	ng	# 74
55) Dibenzofuran	10.127	168	2380973	56.781	ng	100
56) 4-Nitrophenol	10.027	139	343657	62.021	ng	98
57) 2,4-Dinitrotoluene	10.110	165	571731	60.461	ng	98
58) Fluorene	10.469	166	1840654	56.859	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	546621	60.002	ng	100
60) Diethylphthalate	10.345	149	1995827	57.552	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	977819	57.993	ng	97
62) 4-Nitroaniline	10.492	138	426741	59.702	ng	100
63) Azobenzene	10.622	77	1829282	56.784	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	330315	67.356	ng	98
66) n-Nitrosodiphenylamine	10.580	169	1583832	59.270	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	608246	59.044	ng	98
68) Hexachlorobenzene	11.016	284	673465	59.144	ng	97
70) Pentachlorophenol	11.204	266	462709	65.893	ng	100
71) Phenanthrene	11.433	178	2560092	57.232	ng	100
72) Anthracene	11.486	178	2570717	57.281	ng	100
73) Carbazole	11.633	167	2213331	57.284	ng	99
74) Di-n-butylphthalate	11.963	149	2916048	57.161	ng	99
75) Fluoranthene	12.616	202	2628993	55.984	ng	99
77) Benzidine	12.733	184	386007	58.309	ng	99
78) Pyrene	12.845	202	2562337	63.781	ng	99
80) Butylbenzylphthalate	13.463	149	1008043	63.676	ng	100
81) Benzo(a)anthracene	14.033	228	1850347	60.040	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	553078	62.091	ng	100
83) Chrysene	14.068	228	1705257	61.596	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	1337474	61.582	ng	99
85) Di-n-octyl phthalate	14.633	149	1953184	64.613	ng	99
87) Indeno(1,2,3-cd)pyrene	17.009	276	1799372	68.115	ng	100
88) Benzo(b)fluoranthene	15.080	252	1698744	61.481	ng	99
89) Benzo(k)fluoranthene	15.115	252	1478389	61.253	ng	100
90) Benzo(a)pyrene	15.451	252	1323726	60.747	ng	99
91) Dibenzo(a,h)anthracene	17.027	278	1459934	66.981	ng	99
92) Benzo(g,h,i)perylene	17.462	276	1425582	65.942	ng	99

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

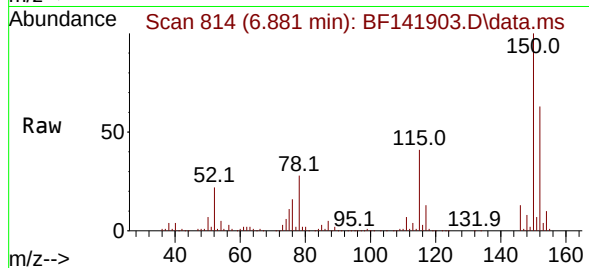
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

[illegible]

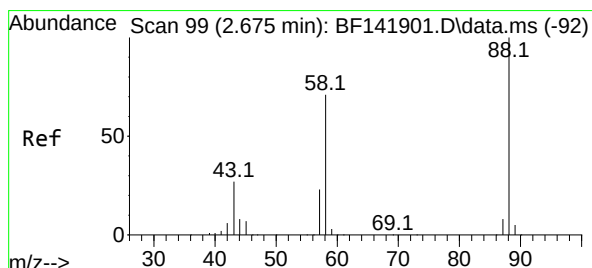
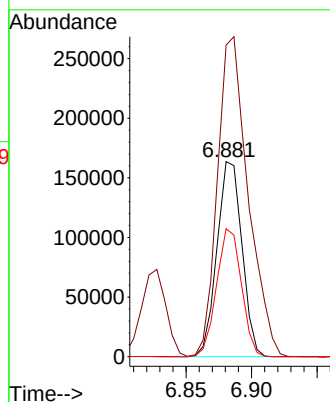
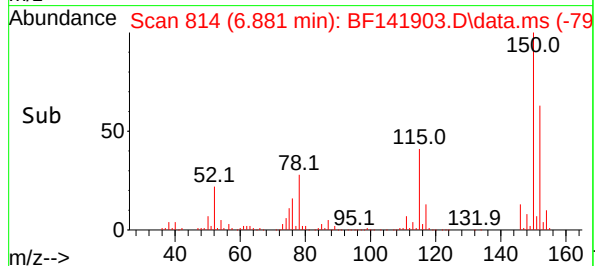


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

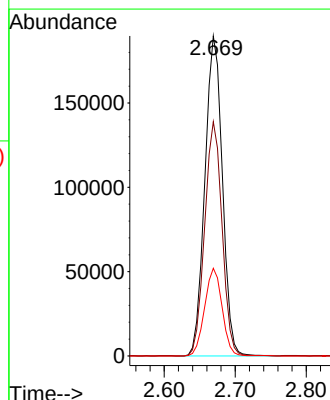
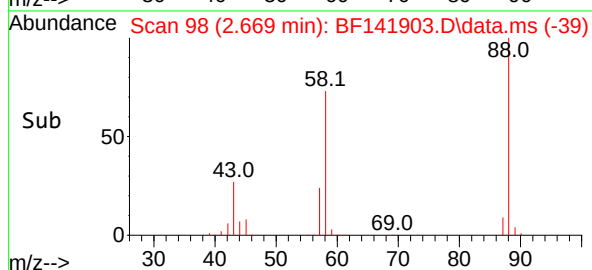
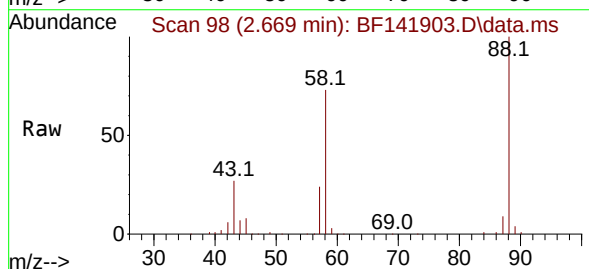


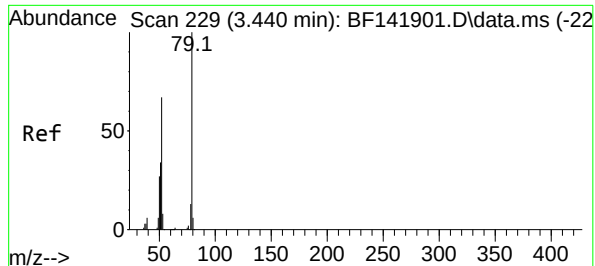
Tgt Ion:152 Resp: 216861
Ion Ratio Lower Upper
152 100
150 159.8 127.4 191.2
115 65.7 51.9 77.9



#2
1,4-Dioxane
Concen: 59.832 ng
RT: 2.669 min Scan# 98
Delta R.T. -0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion: 88 Resp: 325927
Ion Ratio Lower Upper
88 100
58 72.5 57.4 86.2
43 27.4 21.5 32.3





#3

Pyridine

Concen: 58.753 ng

RT: 3.440 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF141903.D

Acq: 10 Mar 2025 13:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

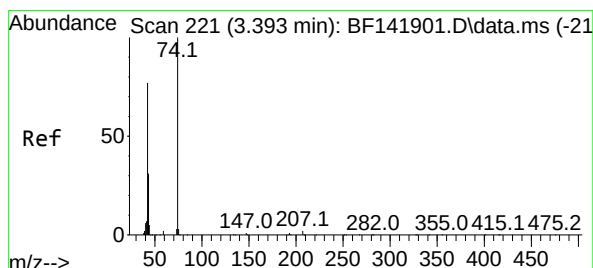
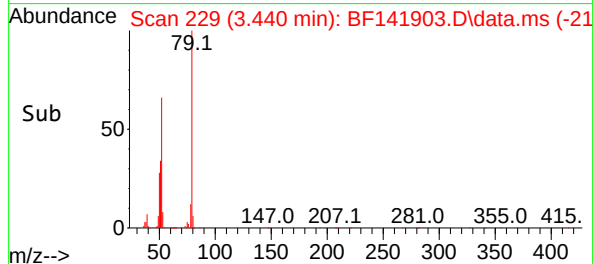
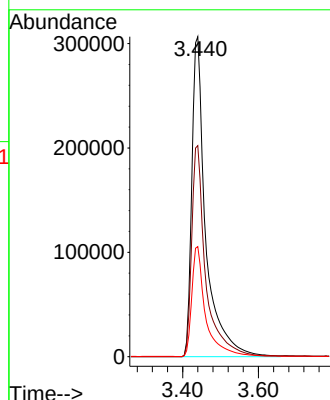
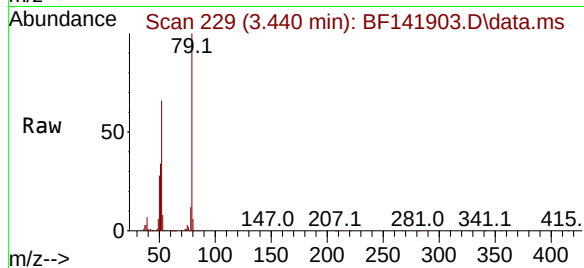
Tgt Ion: 79 Resp: 786537

Ion Ratio Lower Upper

79 100

52 65.9 53.3 79.9

51 34.4 27.6 41.4



#4

n-Nitrosodimethylamine

Concen: 60.759 ng

RT: 3.404 min Scan# 223

Delta R.T. 0.012 min

Lab File: BF141903.D

Acq: 10 Mar 2025 13:57

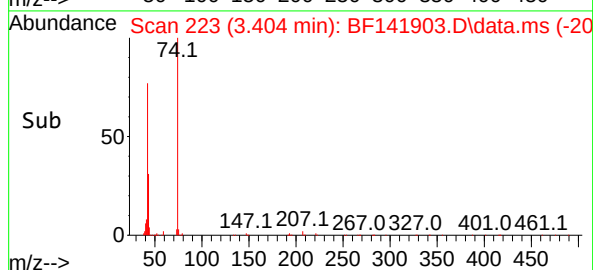
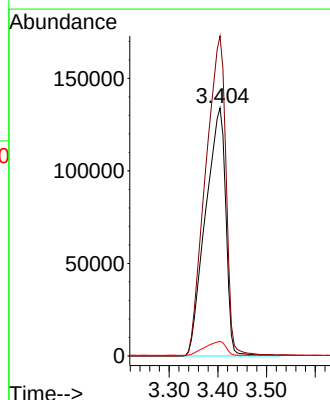
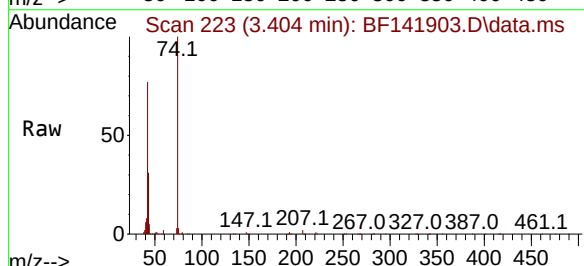
Tgt Ion: 42 Resp: 386646

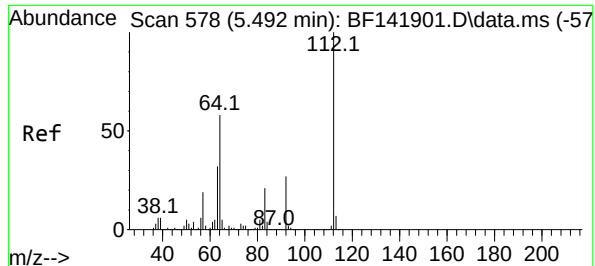
Ion Ratio Lower Upper

42 100

74 129.0 103.4 155.0

44 5.8 5.0 7.4

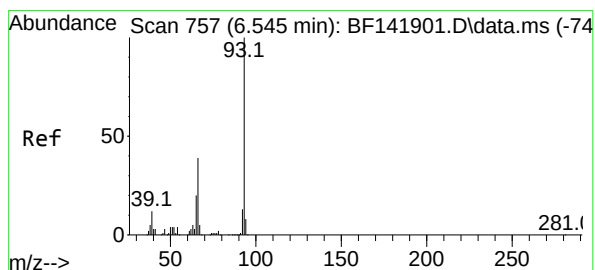
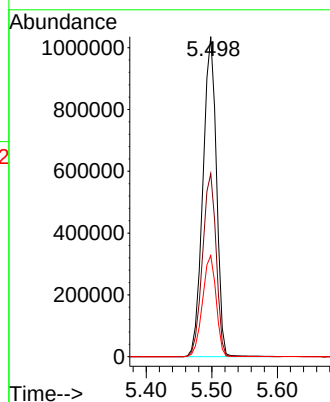
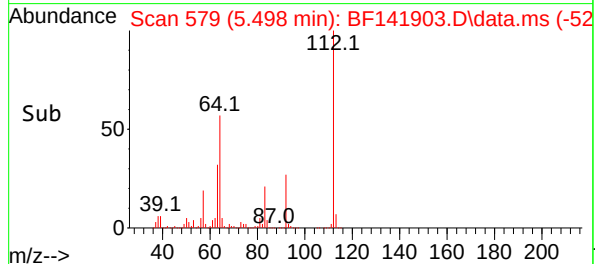
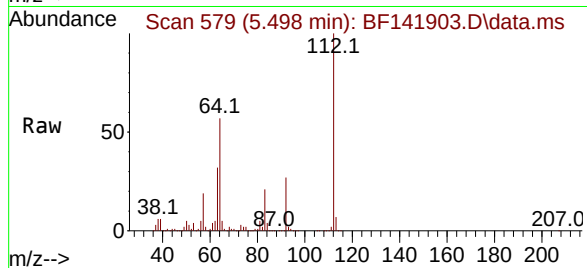




#5
2-Fluorophenol
Concen: 114.705 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

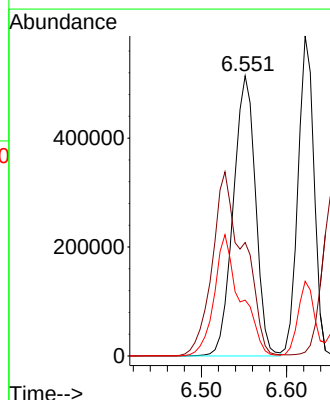
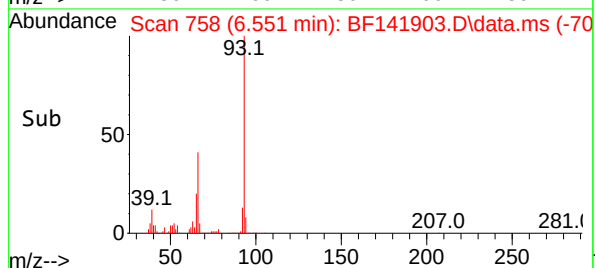
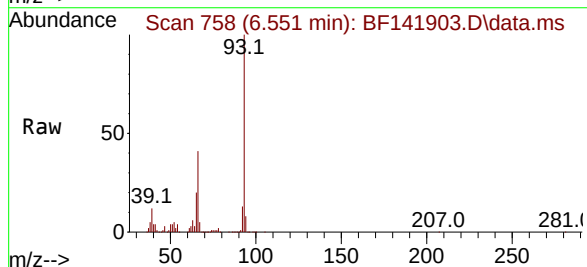
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

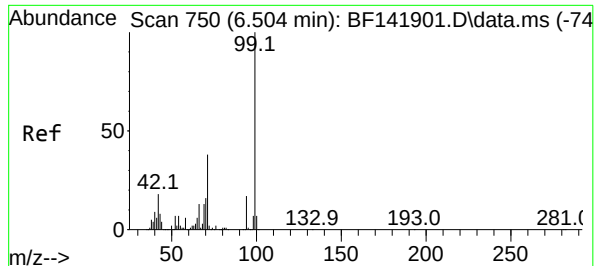
Tgt Ion:112 Resp: 1490872
Ion Ratio Lower Upper
112 100
64 57.2 46.5 69.7
63 31.6 25.4 38.2



#6
Aniline
Concen: 57.146 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion: 93 Resp: 933875
Ion Ratio Lower Upper
93 100
66 40.5 31.9 47.9
65 19.9 15.8 23.6





#7

Phenol-d6

Concen: 115.601 ng

RT: 6.510 min Scan# 751

Delta R.T. 0.006 min

Lab File: BF141903.D

Acq: 10 Mar 2025 13:57

Instrument :

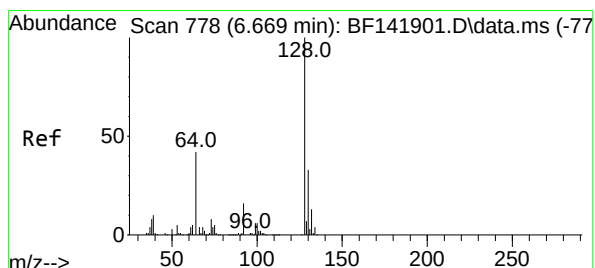
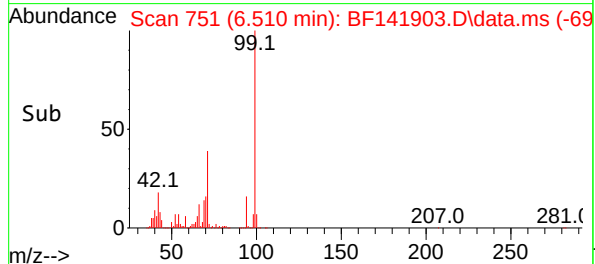
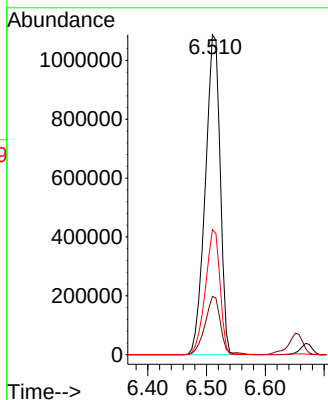
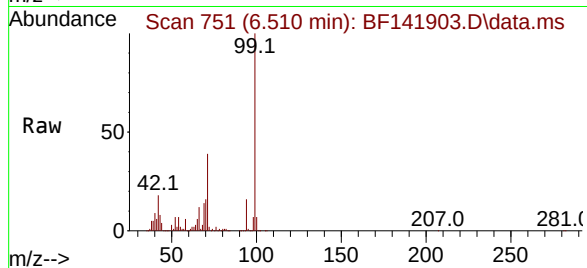
BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 99 Resp: 1913610

Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.6	21.8
71	39.1	30.8	46.2



#8

2-Chlorophenol

Concen: 58.000 ng

RT: 6.669 min Scan# 778

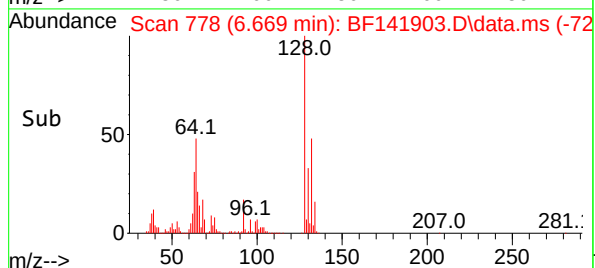
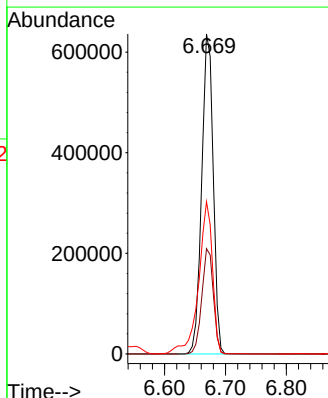
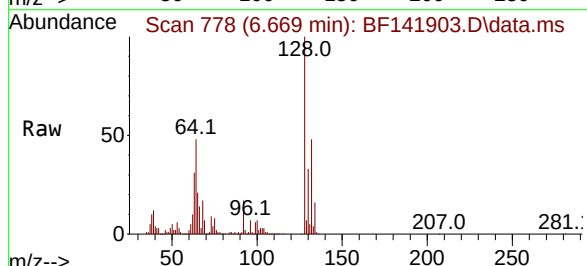
Delta R.T. 0.000 min

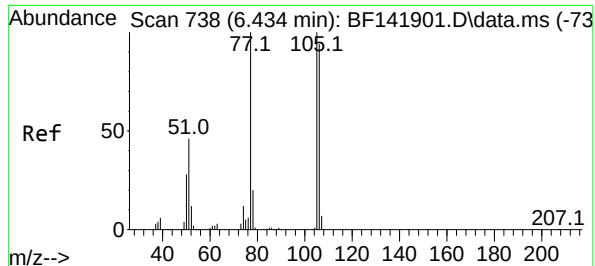
Lab File: BF141903.D

Acq: 10 Mar 2025 13:57

Tgt Ion:128 Resp: 835549

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.8	52.8
64	47.6	24.4	64.4





#9

Benzaldehyde

Concen: 50.311 ng

RT: 6.434 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF141903.D

Acq: 10 Mar 2025 13:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

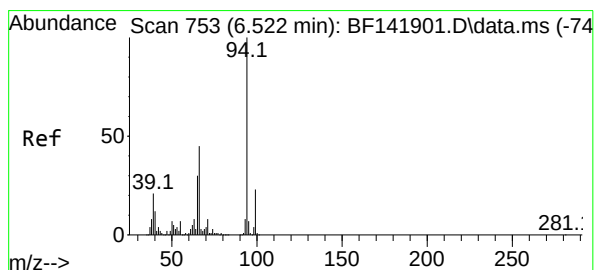
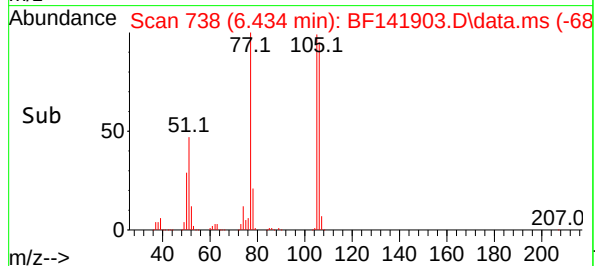
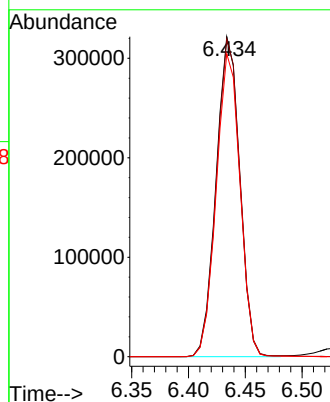
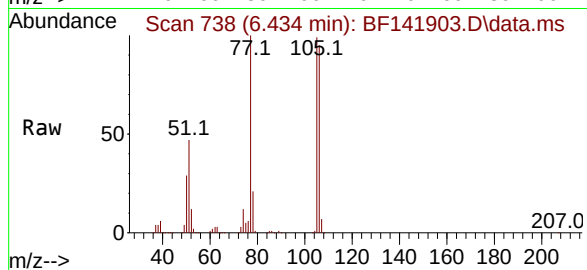
Tgt Ion: 77 Resp: 465511

Ion Ratio Lower Upper

77 100

105 99.3 80.0 120.0

106 94.7 74.5 114.5



#10

Phenol

Concen: 57.074 ng

RT: 6.528 min Scan# 754

Delta R.T. 0.006 min

Lab File: BF141903.D

Acq: 10 Mar 2025 13:57

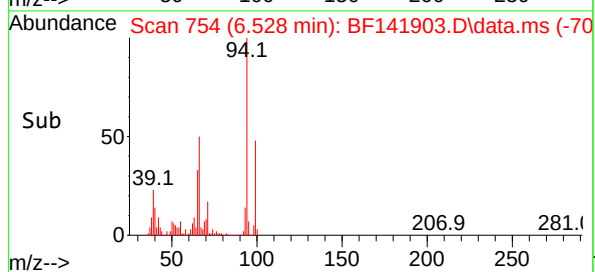
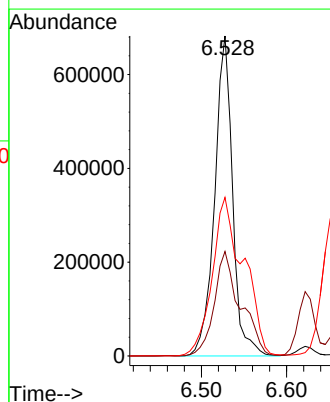
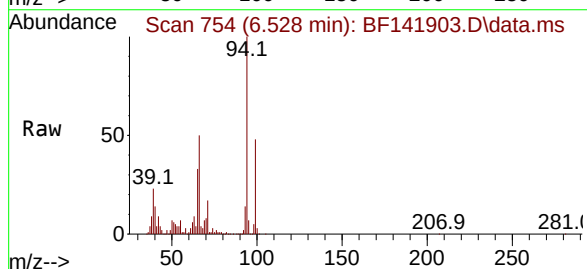
Tgt Ion: 94 Resp: 996848

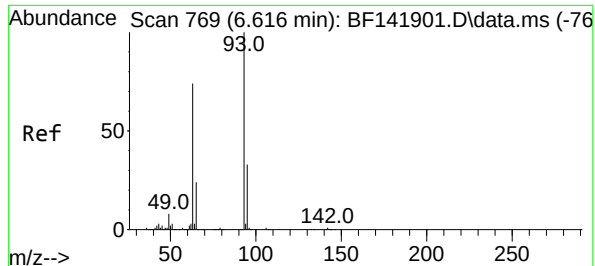
Ion Ratio Lower Upper

94 100

65 32.6 10.5 50.5

66 49.5 25.8 65.8





#11

bis(2-Chloroethyl)ether

Concen: 58.464 ng

RT: 6.622 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF141903.D

Acq: 10 Mar 2025 13:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

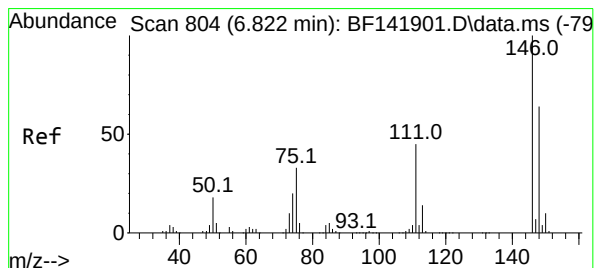
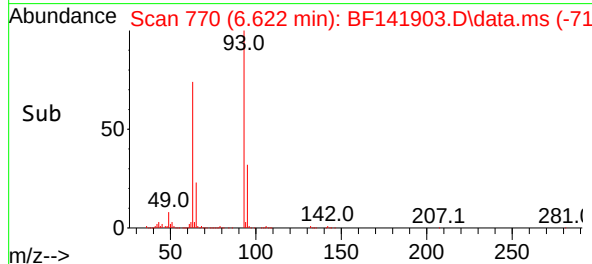
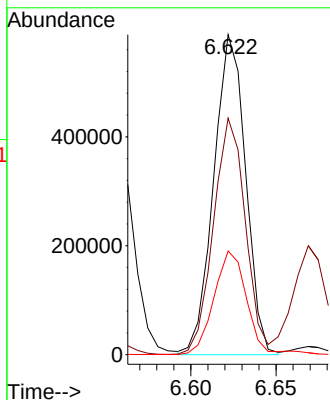
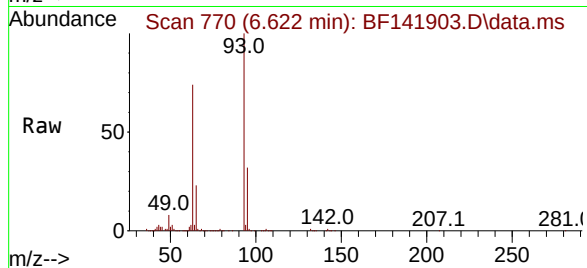
Tgt Ion: 93 Resp: 765071

Ion Ratio Lower Upper

93 100

63 73.9 53.0 93.0

95 32.4 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 58.540 ng

RT: 6.828 min Scan# 805

Delta R.T. 0.006 min

Lab File: BF141903.D

Acq: 10 Mar 2025 13:57

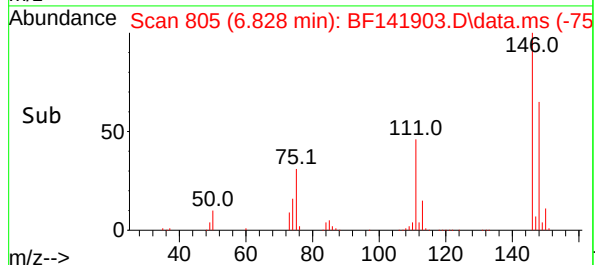
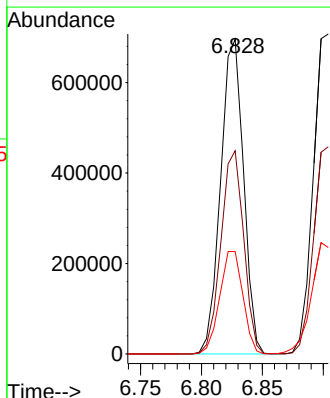
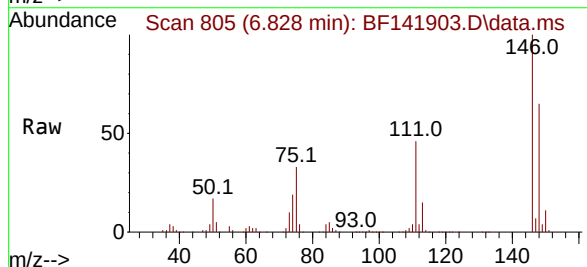
Tgt Ion:146 Resp: 911340

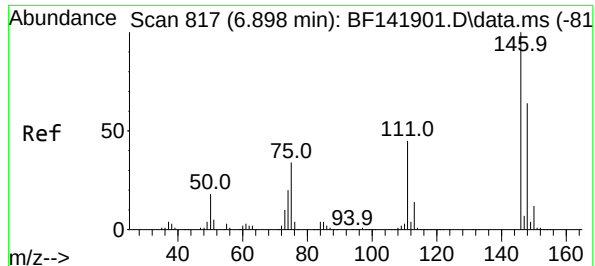
Ion Ratio Lower Upper

146 100

148 64.6 51.3 76.9

75 32.6 26.6 40.0





#13

1,4-Dichlorobenzene

Concen: 58.635 ng

RT: 6.904 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF141903.D

Acq: 10 Mar 2025 13:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

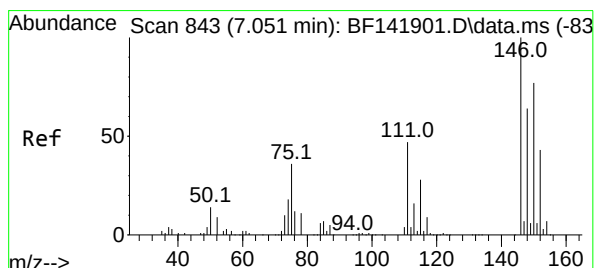
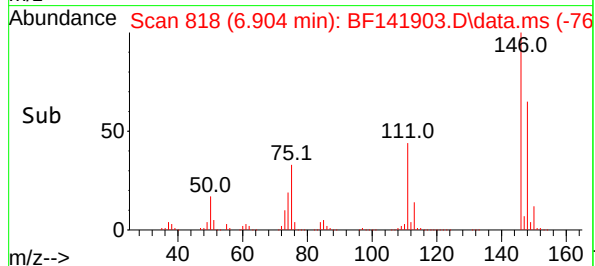
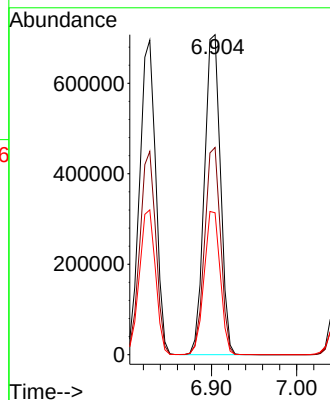
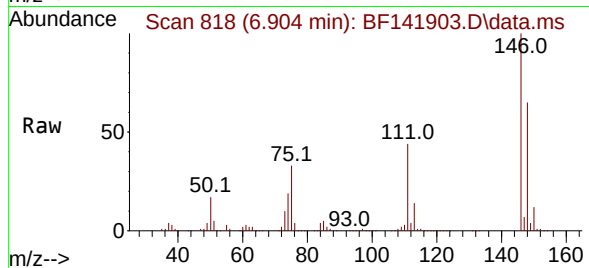
Tgt Ion:146 Resp: 923545

Ion Ratio Lower Upper

146 100

148 64.7 51.0 76.6

111 44.4 35.7 53.5



#14

1,2-Dichlorobenzene

Concen: 58.898 ng

RT: 7.057 min Scan# 844

Delta R.T. 0.006 min

Lab File: BF141903.D

Acq: 10 Mar 2025 13:57

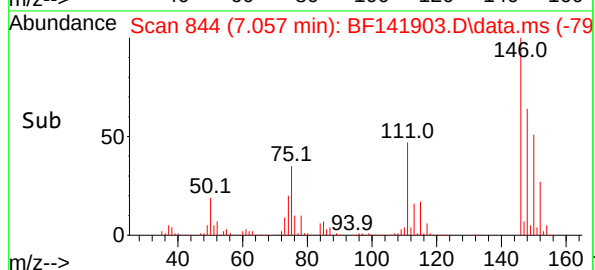
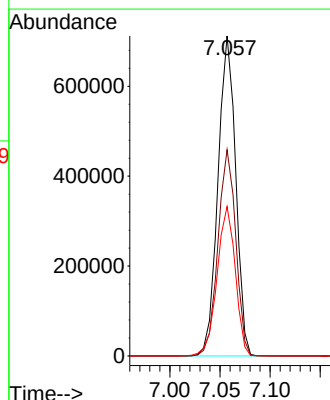
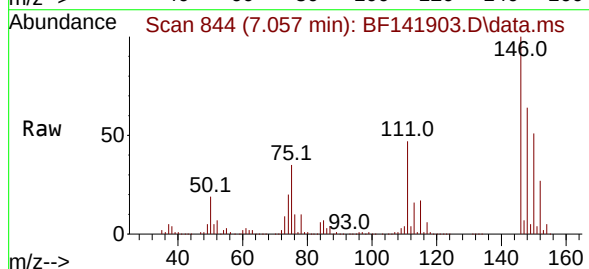
Tgt Ion:146 Resp: 873604

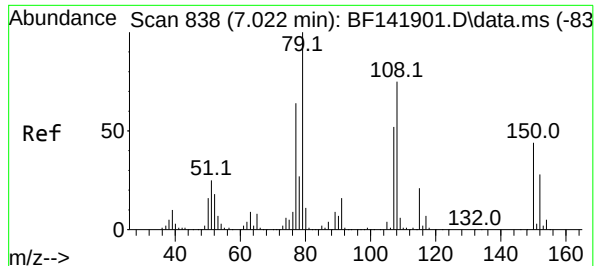
Ion Ratio Lower Upper

146 100

148 64.4 50.8 76.2

111 46.7 38.0 57.0





#15

Benzyl Alcohol

Concen: 60.480 ng

RT: 7.028 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF141903.D

Acq: 10 Mar 2025 13:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

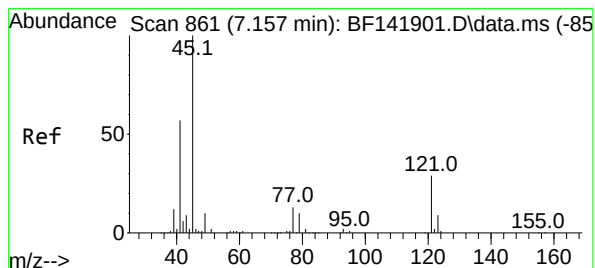
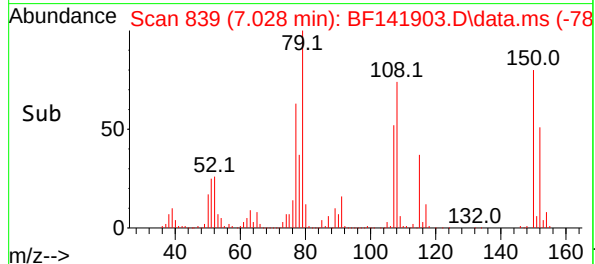
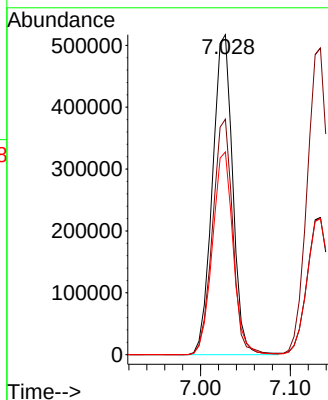
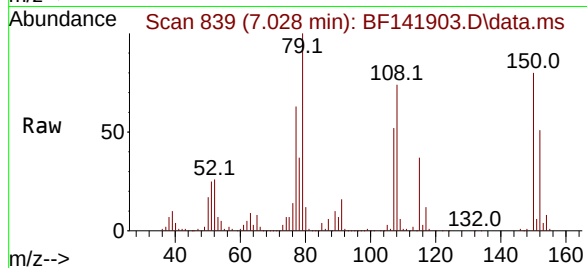
Tgt Ion: 79 Resp: 810347

Ion Ratio Lower Upper

79 100

108 73.6 59.7 89.5

77 63.4 51.0 76.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 60.730 ng

RT: 7.157 min Scan# 861

Delta R.T. 0.000 min

Lab File: BF141903.D

Acq: 10 Mar 2025 13:57

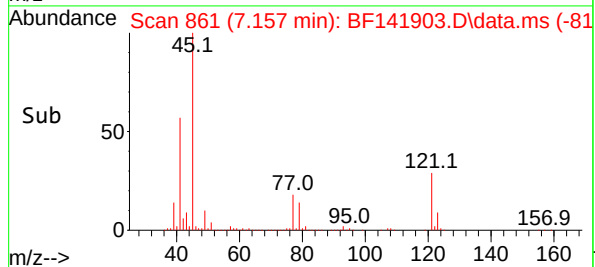
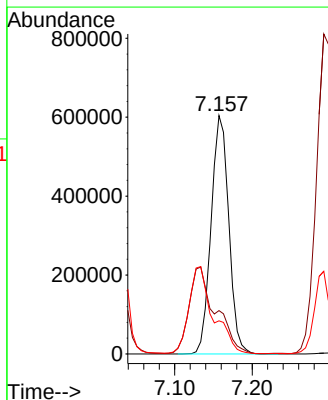
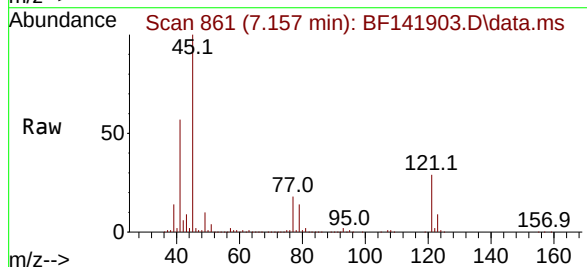
Tgt Ion: 45 Resp: 957808

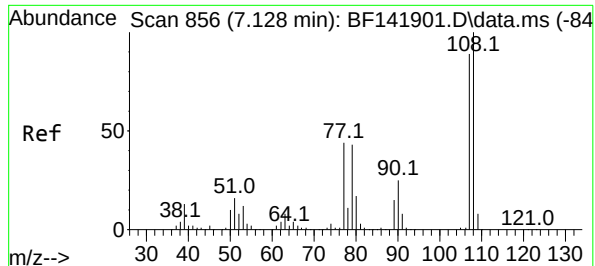
Ion Ratio Lower Upper

45 100

77 18.2 0.0 37.8

79 13.9 0.0 34.2

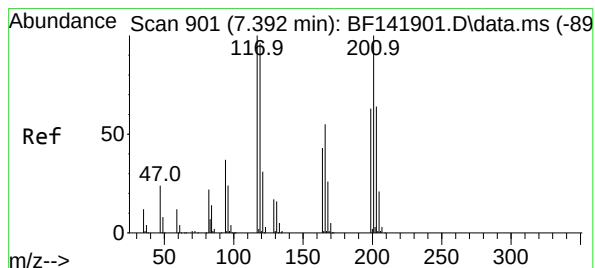
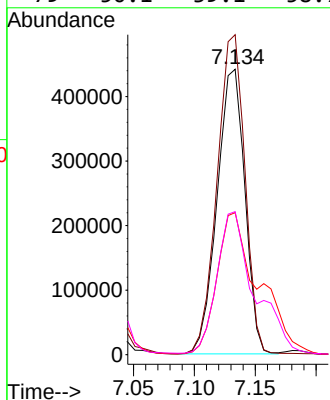
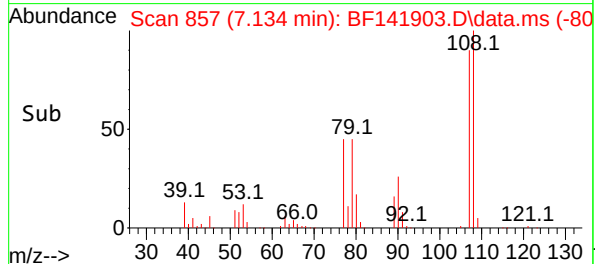
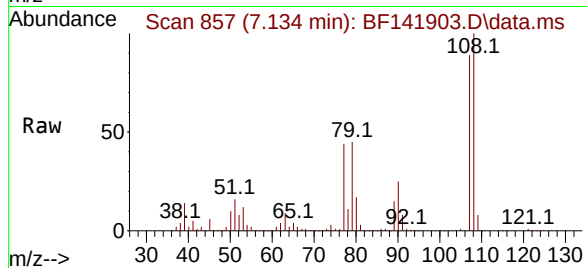




#17
2-Methylphenol
Concen: 61.285 ng
RT: 7.134 min Scan# 856
Delta R.T. 0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

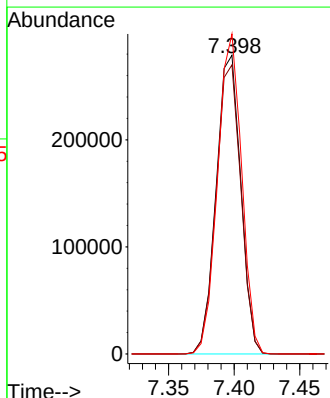
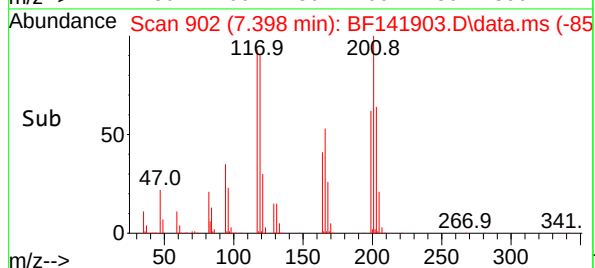
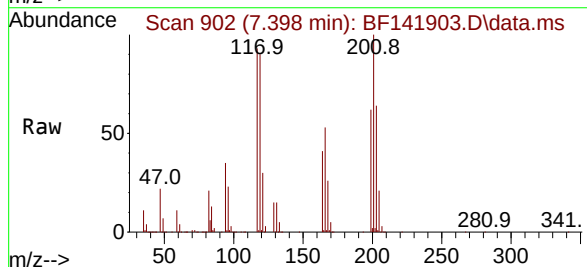
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

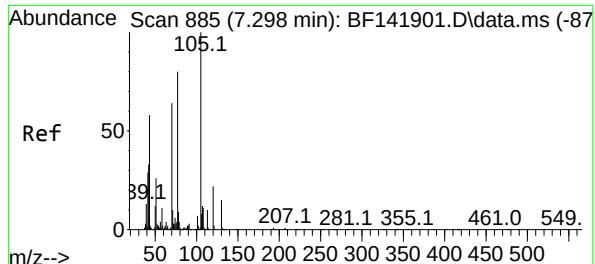
Tgt Ion:107 Resp: 701676
Ion Ratio Lower Upper
107 100
108 112.1 90.2 135.2
77 49.8 39.6 59.4
79 50.1 39.1 58.7



#18
Hexachloroethane
Concen: 61.734 ng
RT: 7.398 min Scan# 902
Delta R.T. 0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:117 Resp: 364561
Ion Ratio Lower Upper
117 100
119 96.8 76.9 115.3
201 107.1 79.9 119.9





#19

n-Nitroso-di-n-propylamine

Concen: 60.576 ng

RT: 7.304 min Scan# 886

Delta R.T. 0.006 min

Lab File: BF141903.D

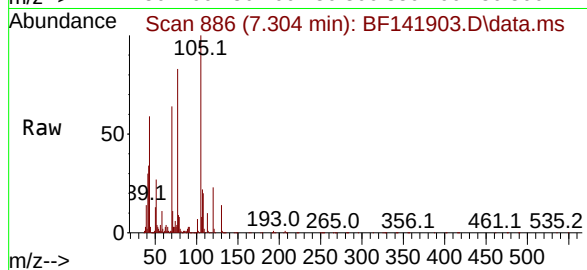
Acq: 10 Mar 2025 13:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion: 70 Resp: 644501

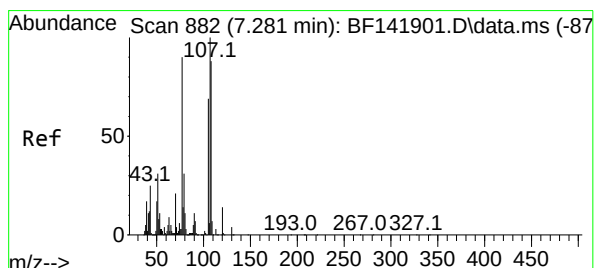
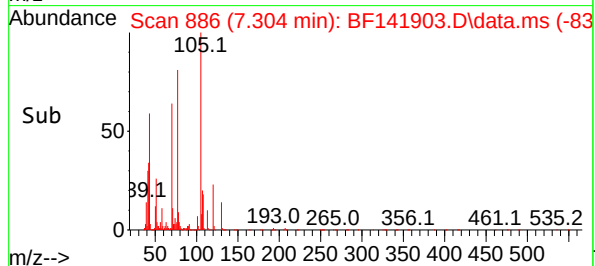
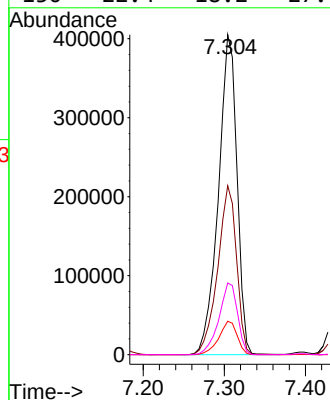
Ion Ratio Lower Upper

70 100

42 52.8 41.4 62.0

101 10.4 8.2 12.2

130 22.4 18.2 27.4



#20

3+4-Methylphenols

Concen: 59.116 ng

RT: 7.292 min Scan# 884

Delta R.T. 0.012 min

Lab File: BF141903.D

Acq: 10 Mar 2025 13:57

Tgt Ion:107 Resp: 868157

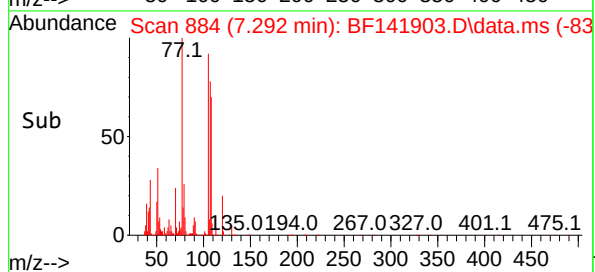
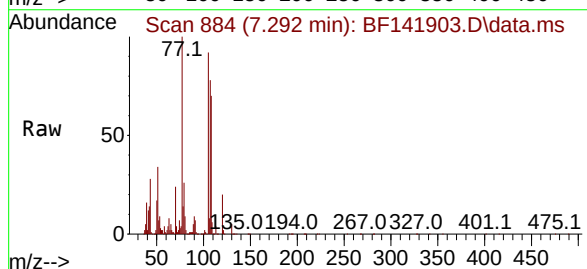
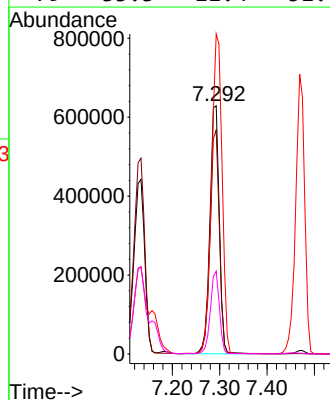
Ion Ratio Lower Upper

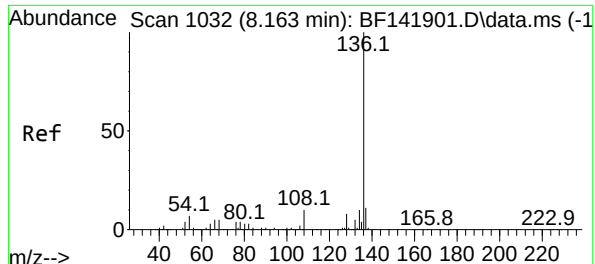
107 100

108 90.1 68.4 108.4

77 128.9 69.7 109.7#

79 33.3 11.4 51.4

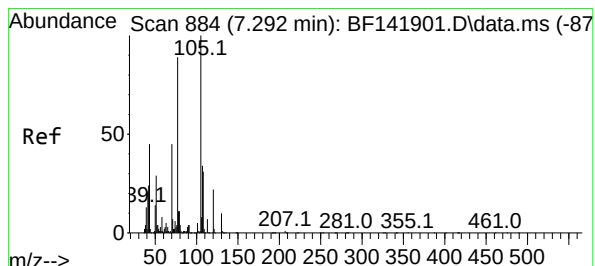
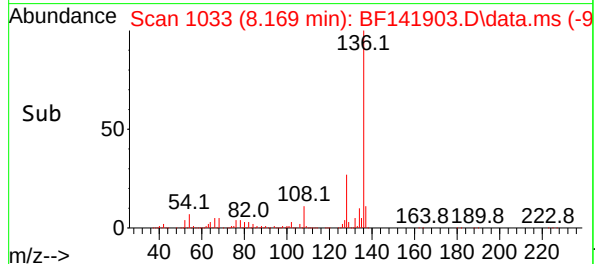
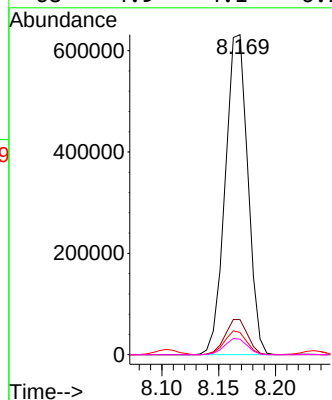
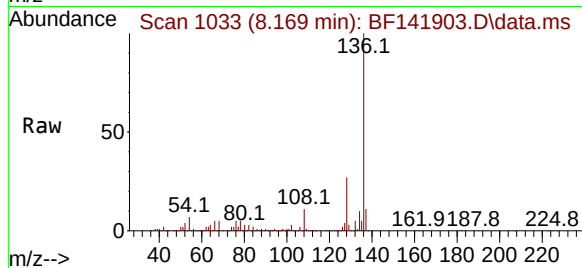




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1032
Delta R.T. 0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

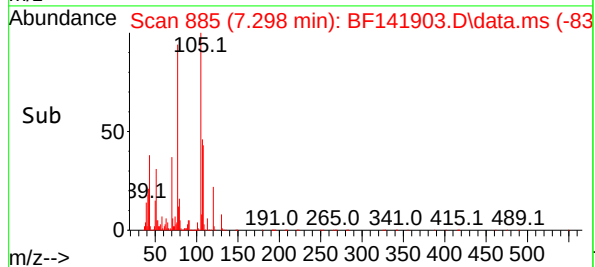
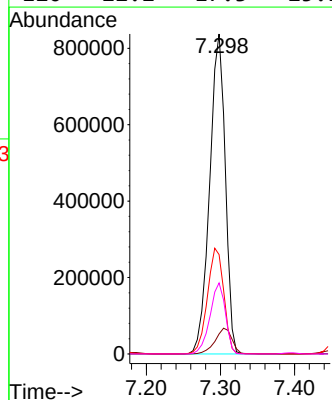
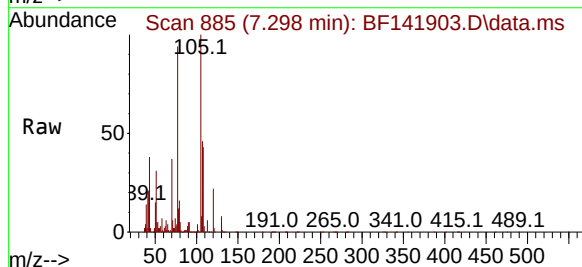
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

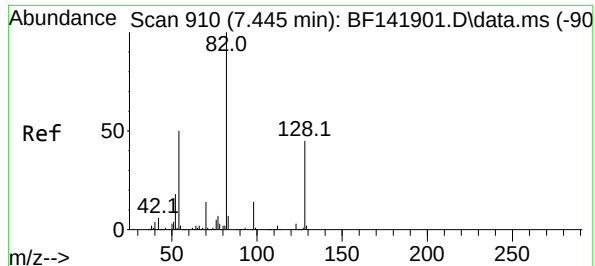
Tgt Ion:136 Resp: 872222
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.0 5.8 8.8
68 4.9 4.1 6.1



#22
Acetophenone
Concen: 58.635 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:105 Resp: 1226859
Ion Ratio Lower Upper
105 100
71 6.2 5.8 8.8
51 31.1 23.4 35.0
120 22.2 17.3 25.9





#23

Nitrobenzene-d5

Concen: 122.074 ng

RT: 7.451 min Scan# 911

Delta R.T. 0.006 min

Lab File: BF141903.D

Acq: 10 Mar 2025 13:57

Instrument :

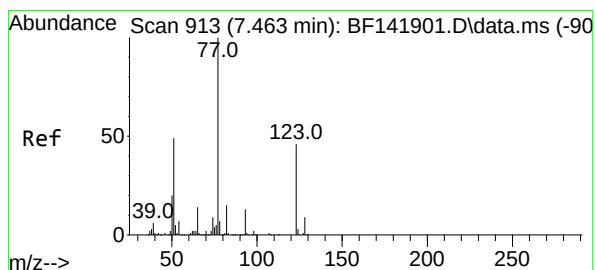
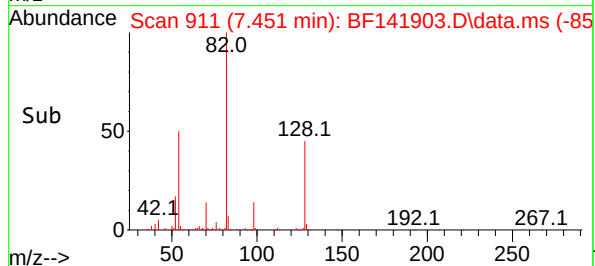
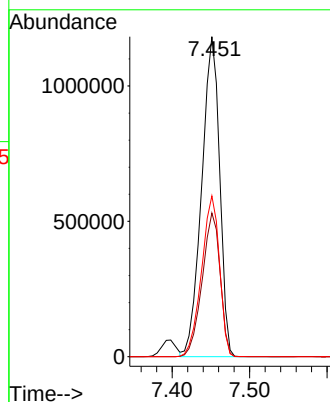
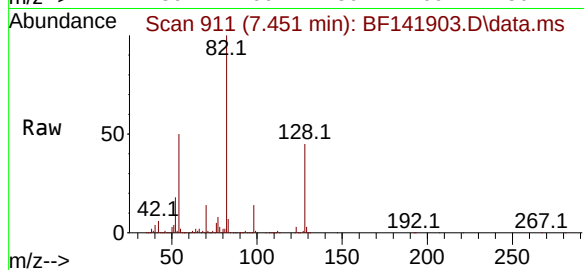
BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 82 Resp: 1899726

Ion	Ratio	Lower	Upper
82	100		
128	44.9	36.0	54.0
54	50.3	39.6	59.4



#24

Nitrobenzene

Concen: 60.889 ng

RT: 7.469 min Scan# 914

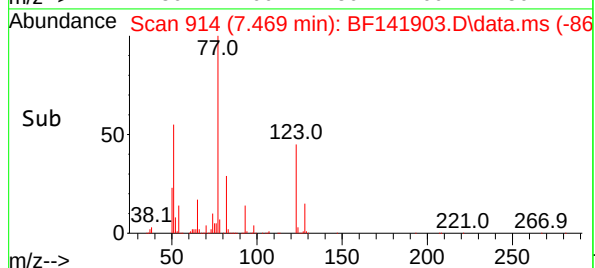
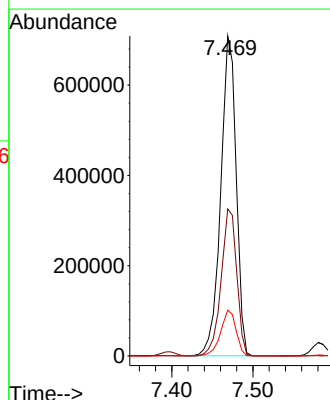
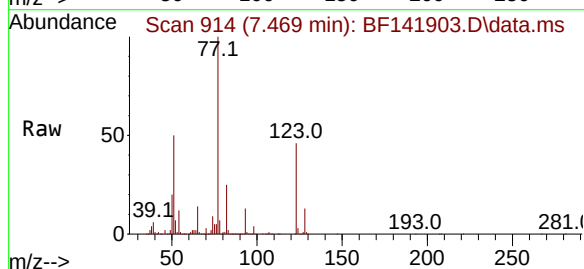
Delta R.T. 0.006 min

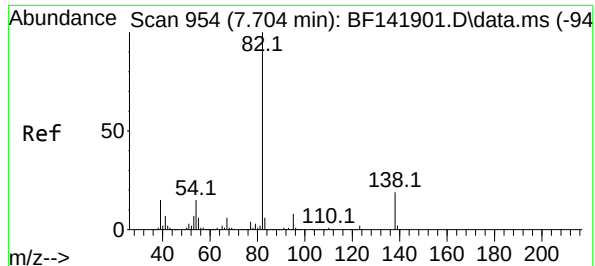
Lab File: BF141903.D

Acq: 10 Mar 2025 13:57

Tgt Ion: 77 Resp: 939508

Ion	Ratio	Lower	Upper
77	100		
123	45.9	37.0	55.4
65	14.3	11.3	16.9





#25

Isophorone

Concen: 61.720 ng

RT: 7.710 min Scan# 955

Delta R.T. 0.006 min

Lab File: BF141903.D

Acq: 10 Mar 2025 13:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

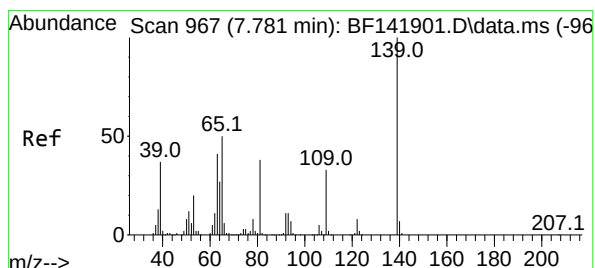
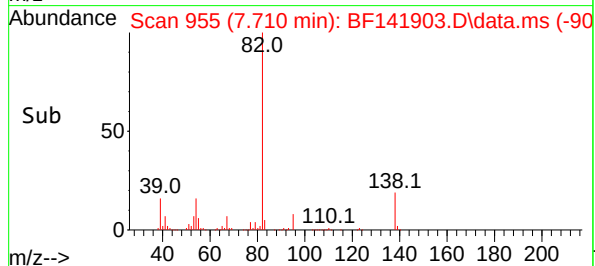
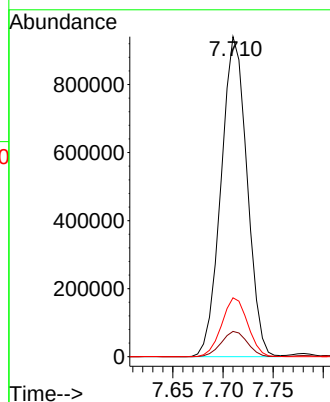
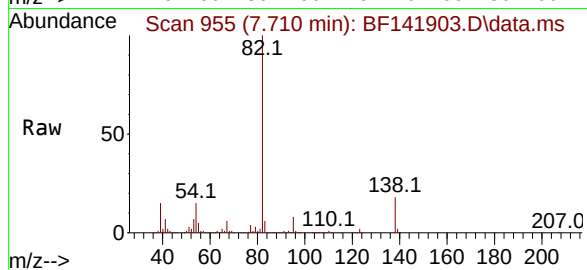
Tgt Ion: 82 Resp: 1695749

Ion Ratio Lower Upper

82 100

95 7.9 6.4 9.6

138 18.4 14.9 22.3



#26

2-Nitrophenol

Concen: 64.978 ng

RT: 7.781 min Scan# 967

Delta R.T. 0.000 min

Lab File: BF141903.D

Acq: 10 Mar 2025 13:57

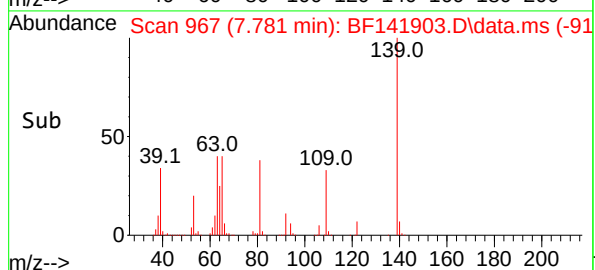
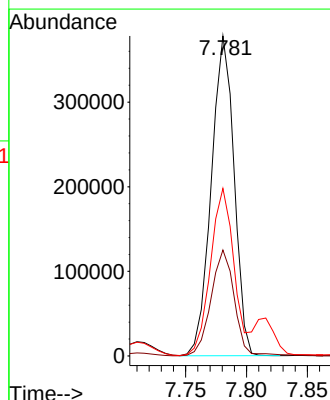
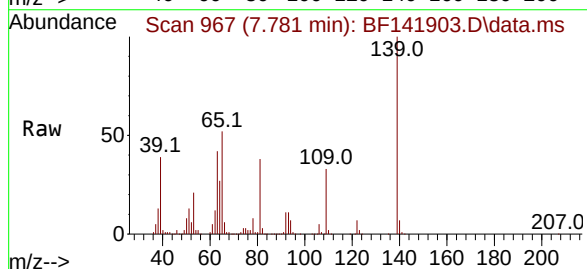
Tgt Ion: 139 Resp: 491301

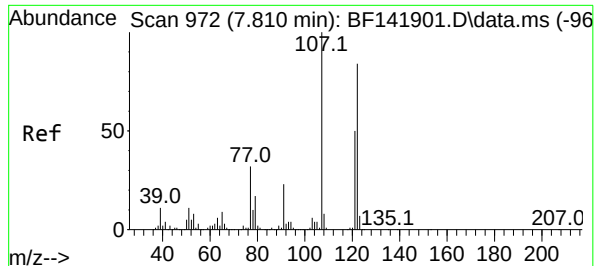
Ion Ratio Lower Upper

139 100

109 33.1 26.5 39.7

65 52.3 40.3 60.5





#27

2,4-Dimethylphenol

Concen: 61.408 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF141903.D

Acq: 10 Mar 2025 13:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

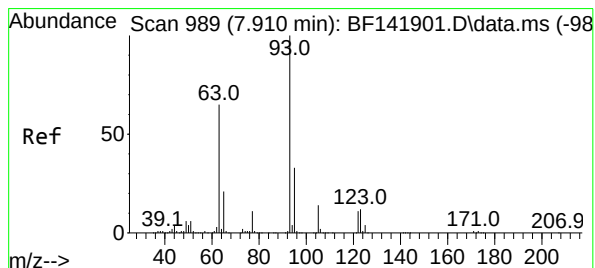
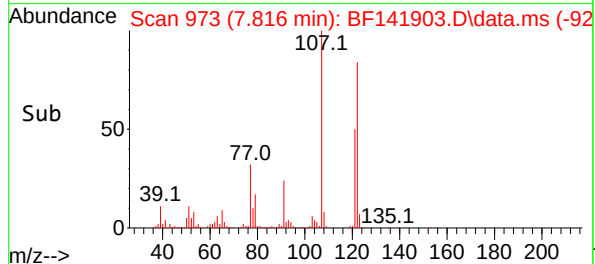
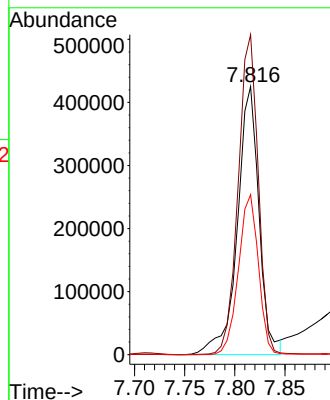
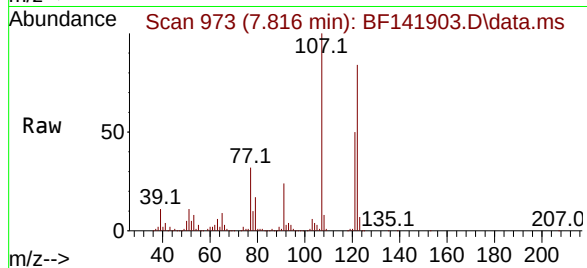
Tgt Ion:122 Resp: 639505

Ion Ratio Lower Upper

122 100

107 119.4 94.8 142.2

121 59.7 47.8 71.6



#28

bis(2-Chloroethoxy)methane

Concen: 60.422 ng

RT: 7.916 min Scan# 990

Delta R.T. 0.006 min

Lab File: BF141903.D

Acq: 10 Mar 2025 13:57

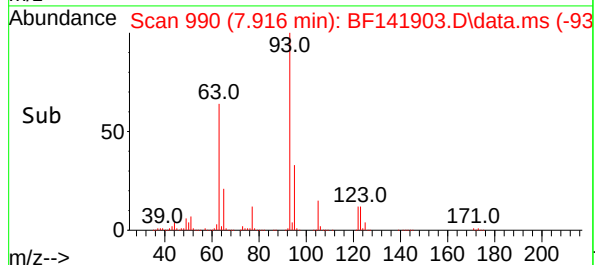
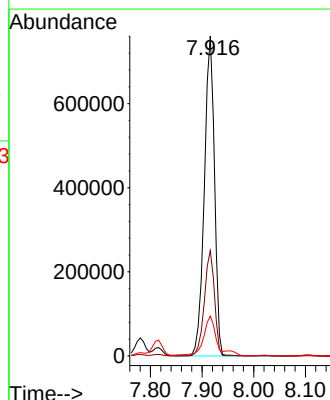
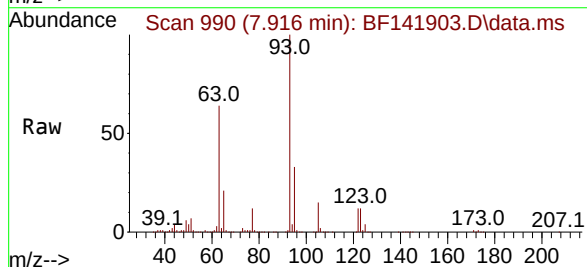
Tgt Ion: 93 Resp: 1039951

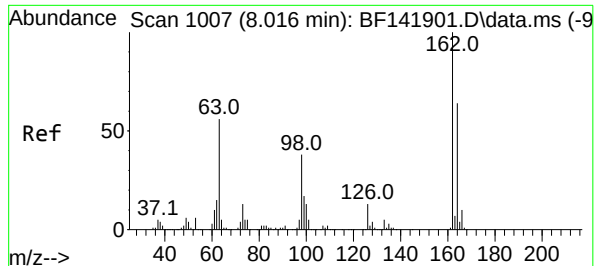
Ion Ratio Lower Upper

93 100

95 32.9 26.6 40.0

123 12.5 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 61.272 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF141903.D

Acq: 10 Mar 2025 13:57

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

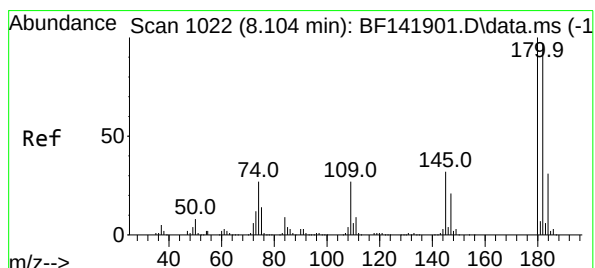
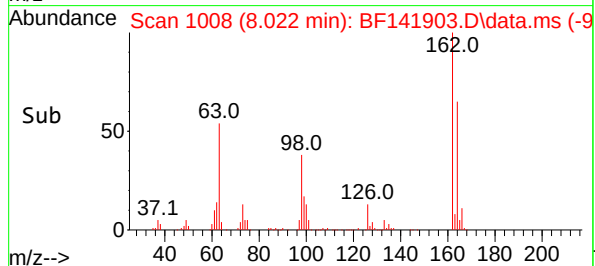
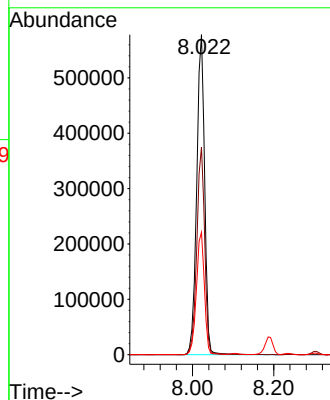
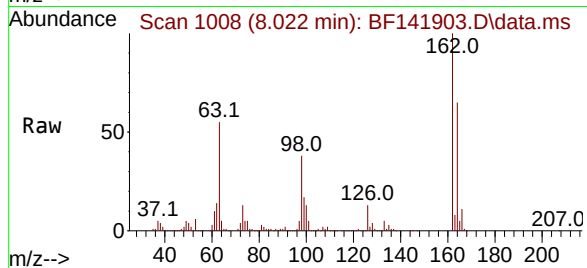
Tgt Ion:162 Resp: 791904

Ion Ratio Lower Upper

162 100

164 64.9 43.8 83.8

98 38.3 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 61.044 ng

RT: 8.104 min Scan# 1022

Delta R.T. 0.000 min

Lab File: BF141903.D

Acq: 10 Mar 2025 13:57

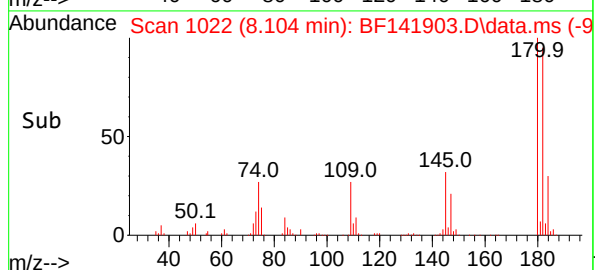
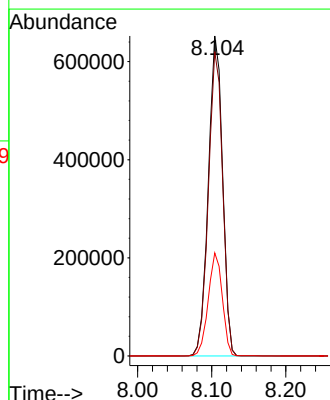
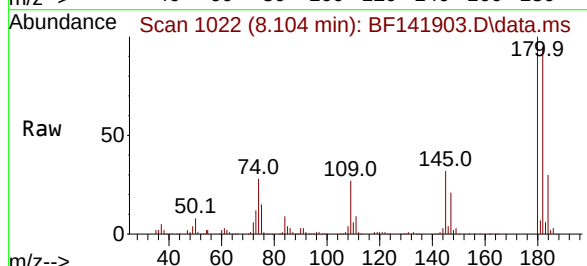
Tgt Ion:180 Resp: 870403

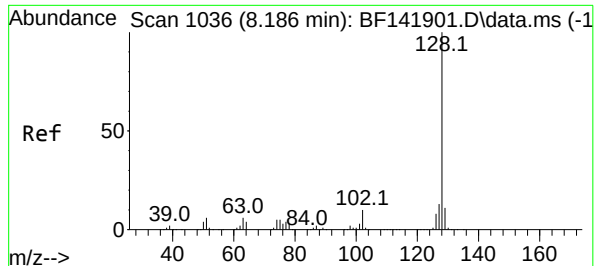
Ion Ratio Lower Upper

180 100

182 95.1 77.5 116.3

145 32.2 25.8 38.6

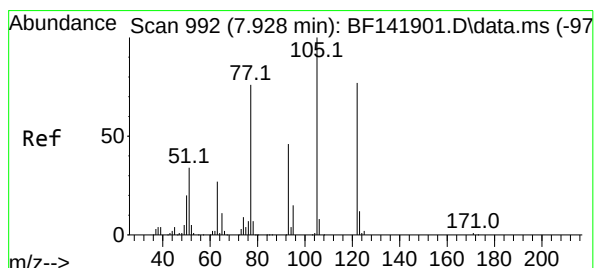
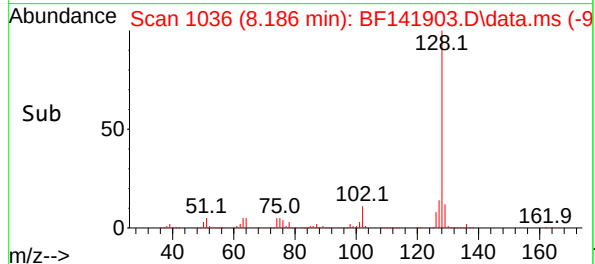
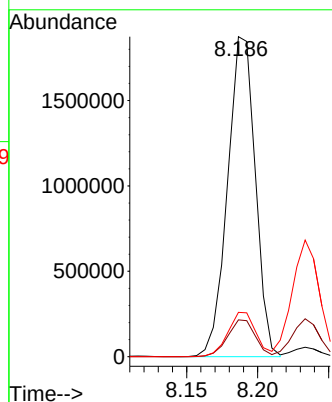
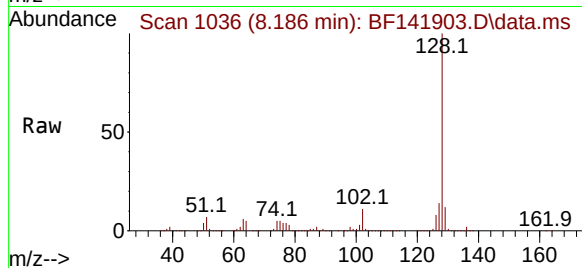




#31
Naphthalene
Concen: 56.961 ng
RT: 8.186 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

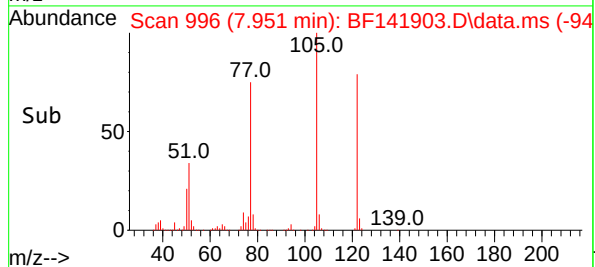
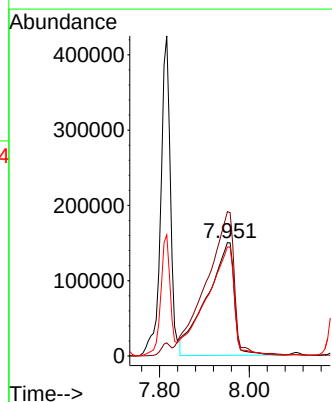
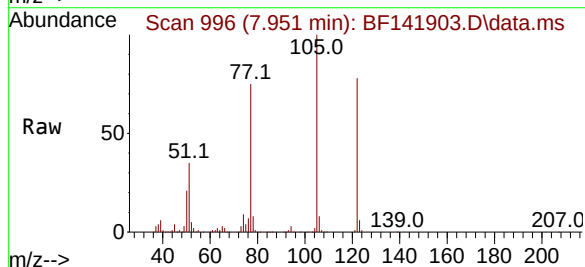
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

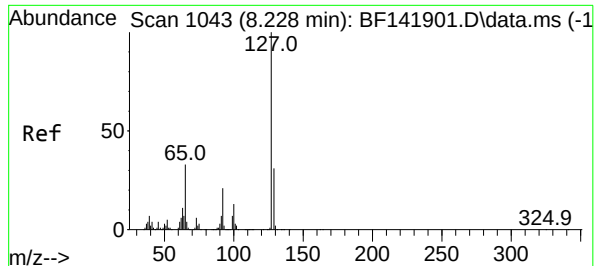
Tgt Ion:128 Resp: 2545181
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 13.8 10.8 16.2



#32
Benzoic acid
Concen: 69.664 ng
RT: 7.951 min Scan# 996
Delta R.T. 0.023 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:122 Resp: 634105
Ion Ratio Lower Upper
122 100
105 127.5 107.9 147.9
77 96.2 79.0 119.0

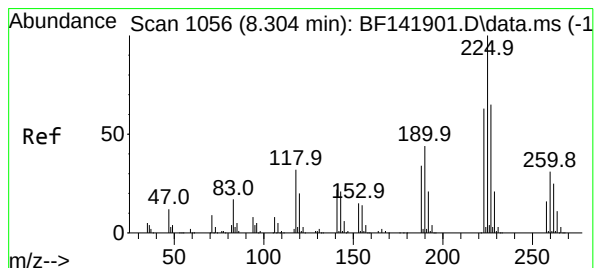
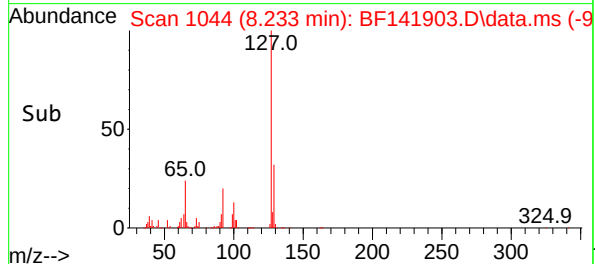
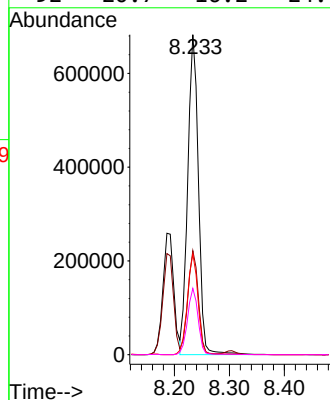
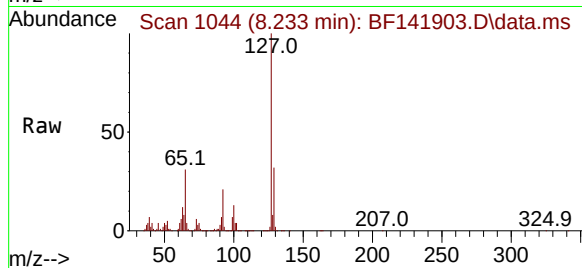




#33
4-Chloroaniline
Concen: 58.348 ng
RT: 8.233 min Scan# 1044
Delta R.T. 0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

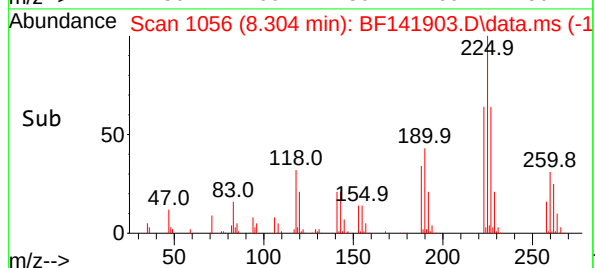
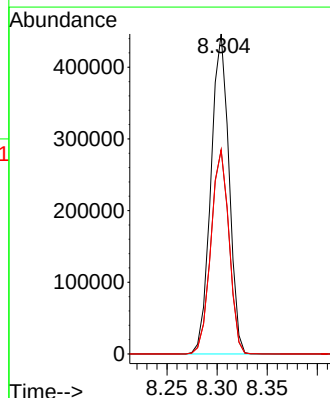
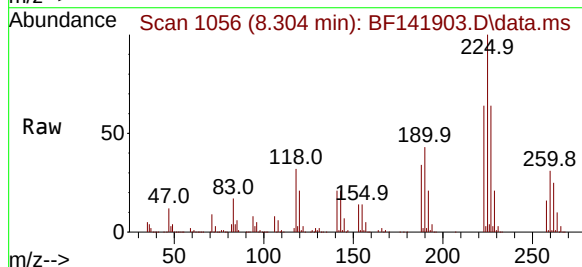
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

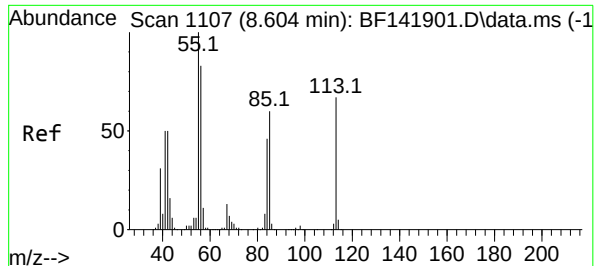
Tgt Ion:	127	Resp:	920015
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.4
65	31.5	25.4	38.2
92	20.7	16.2	24.4



#34
Hexachlorobutadiene
Concen: 60.397 ng
RT: 8.304 min Scan# 1056
Delta R.T. 0.000 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:	225	Resp:	559955
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.6	75.8
227	63.8	52.2	78.2

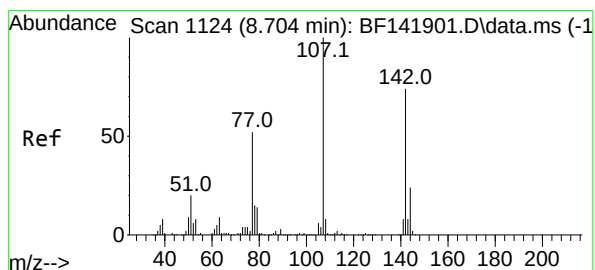
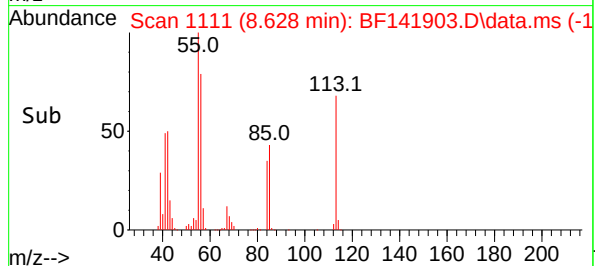
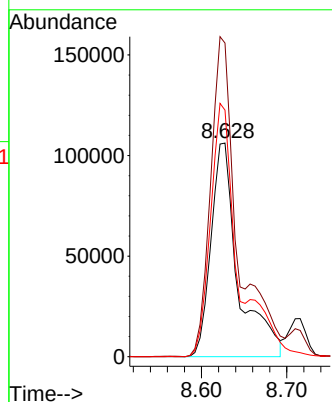
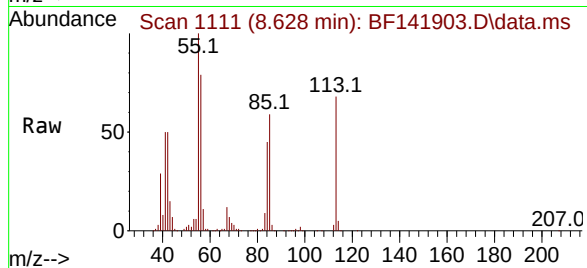




#35
Caprolactam
Concen: 60.015 ng
RT: 8.628 min Scan# 1111
Delta R.T. 0.024 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

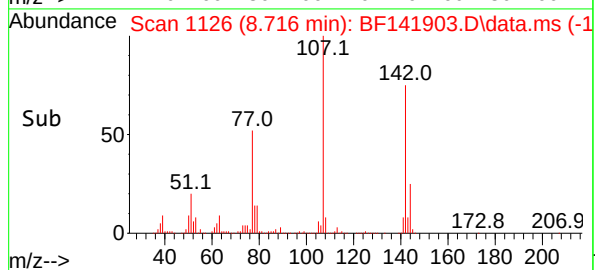
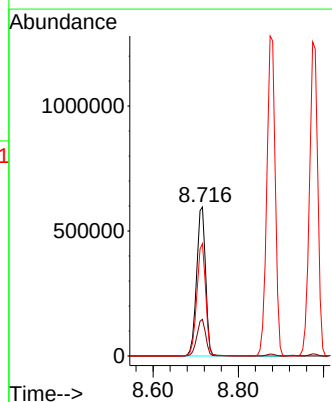
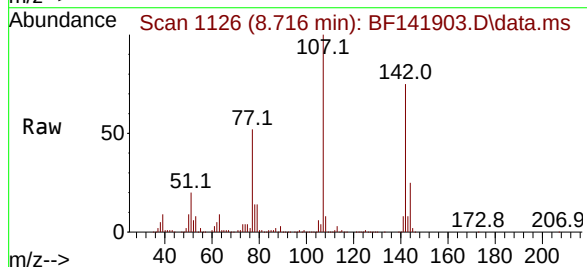
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

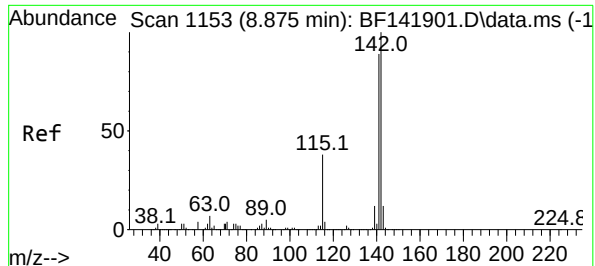
Tgt Ion:113 Resp: 235861
Ion Ratio Lower Upper
113 100
55 146.7 129.6 169.6
56 115.4 104.0 144.0



#36
4-Chloro-3-methylphenol
Concen: 60.807 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.012 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:107 Resp: 874022
Ion Ratio Lower Upper
107 100
144 24.6 19.0 28.6
142 75.4 59.2 88.8

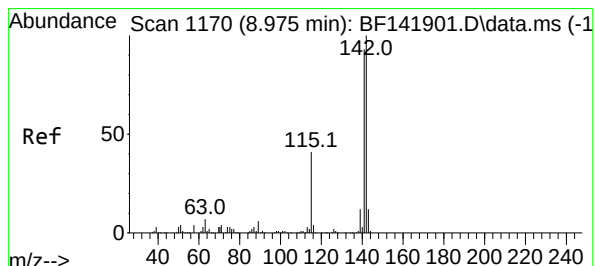
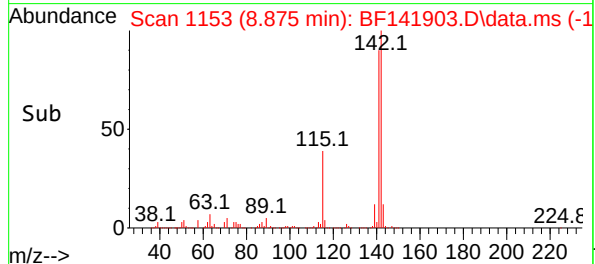
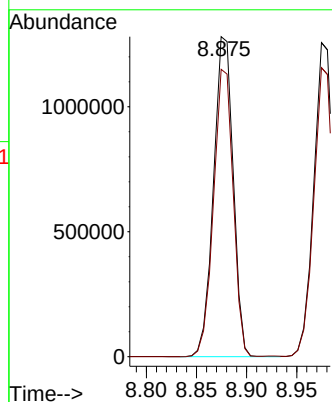
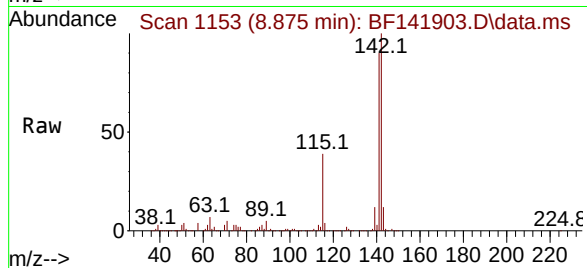




#37
2-Methylnaphthalene
Concen: 58.187 ng
RT: 8.875 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

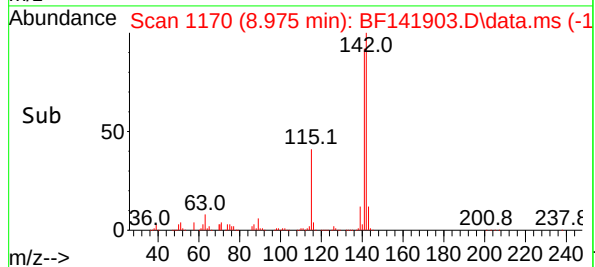
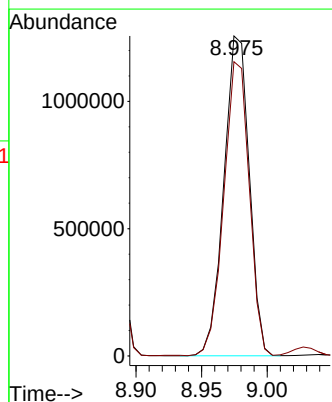
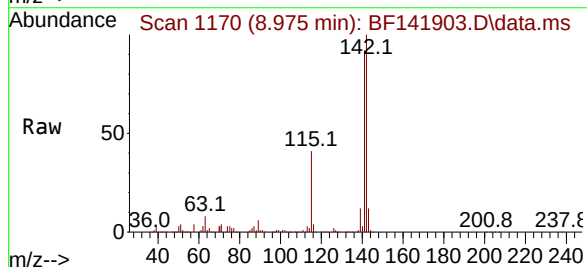
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

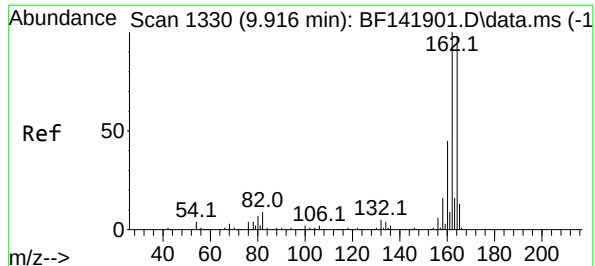
Tgt Ion:142 Resp: 1744374
Ion Ratio Lower Upper
142 100
141 89.8 71.2 106.8



#38
1-Methylnaphthalene
Concen: 58.285 ng
RT: 8.975 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:142 Resp: 1692113
Ion Ratio Lower Upper
142 100
141 92.0 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1182

Delta R.T. 0.006 min

Lab File: BF141903.D

Acq: 10 Mar 2025 13:57

Instrument :

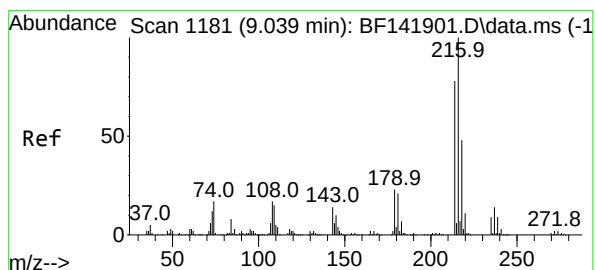
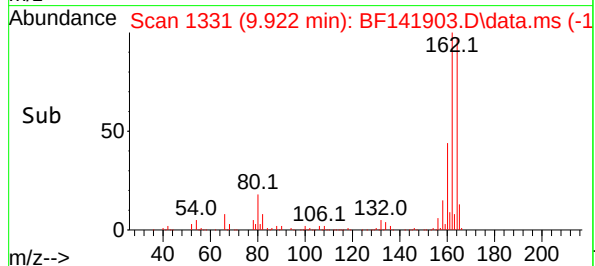
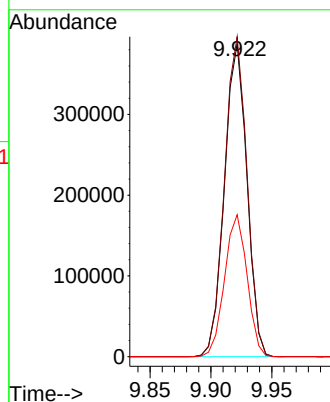
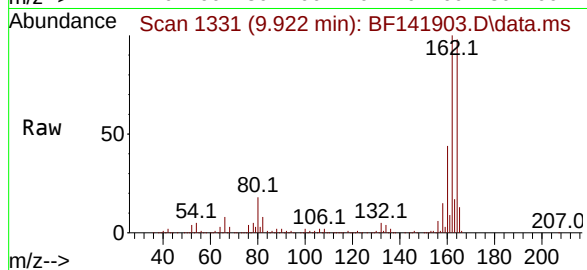
BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:164 Resp: 497194

Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.8	122.6
160	45.4	36.7	55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 59.627 ng

RT: 9.045 min Scan# 1182

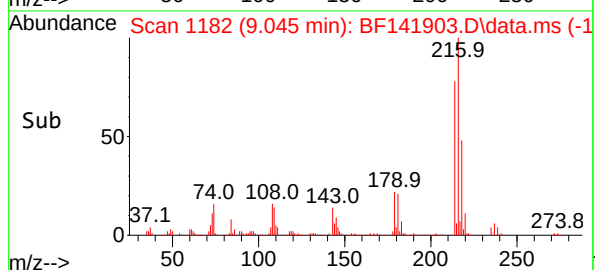
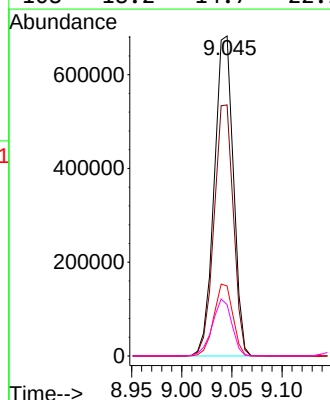
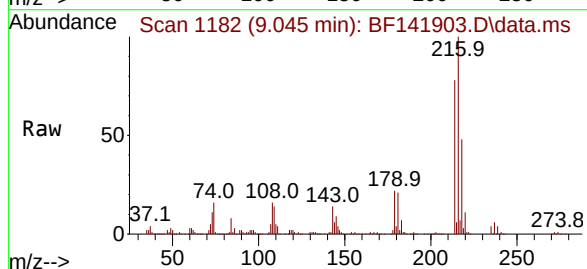
Delta R.T. 0.006 min

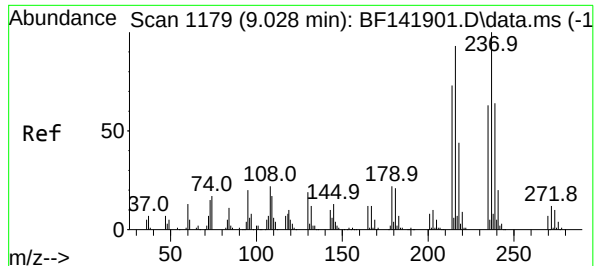
Lab File: BF141903.D

Acq: 10 Mar 2025 13:57

Tgt Ion:216 Resp: 903928

Ion	Ratio	Lower	Upper
216	100		
214	78.9	61.9	92.9
179	22.3	18.1	27.1
108	18.2	14.7	22.1

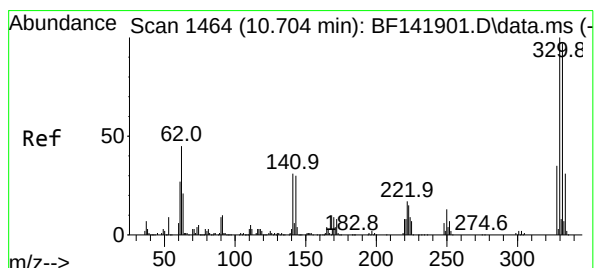
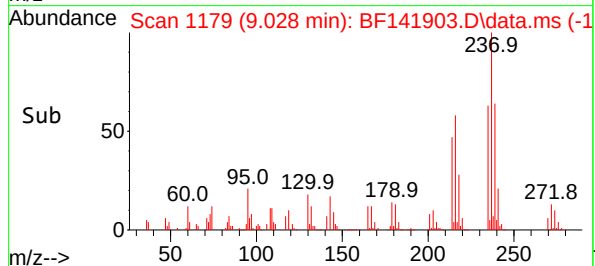
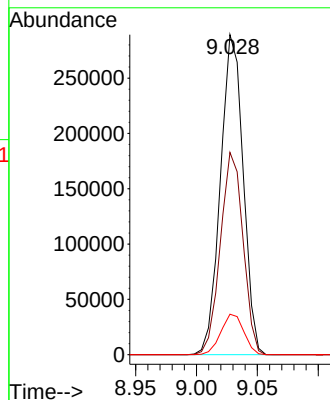
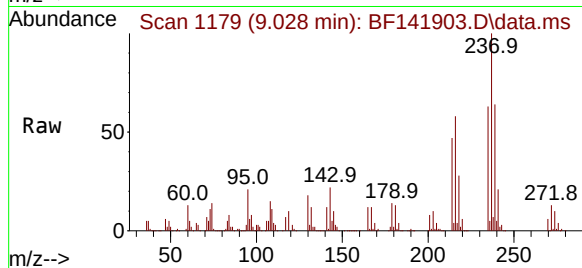




#41
Hexachlorocyclopentadiene
Concen: 62.842 ng
RT: 9.028 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

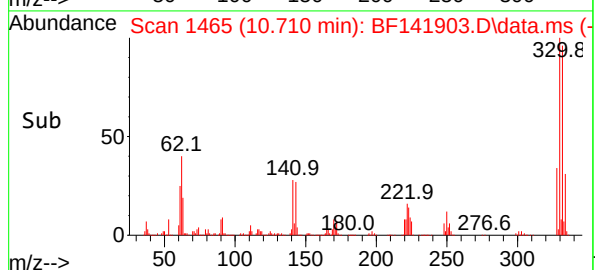
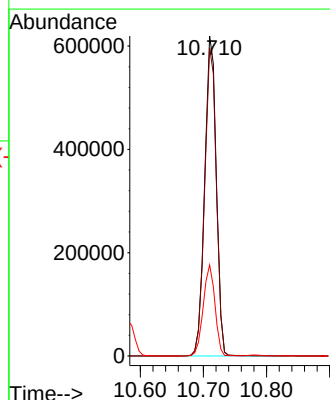
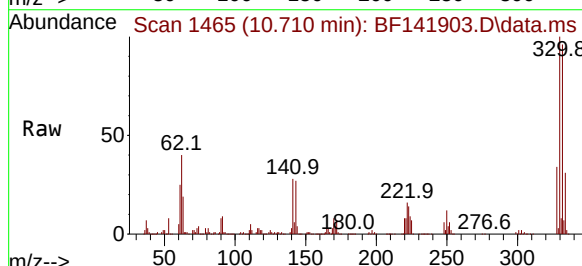
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

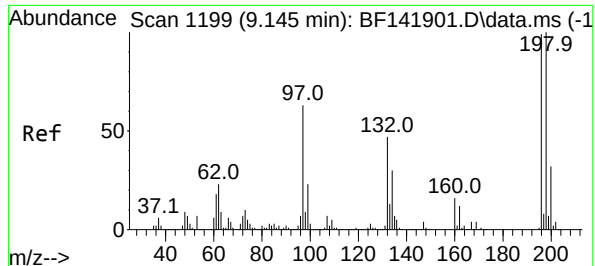
Tgt Ion:237 Resp: 375919
Ion Ratio Lower Upper
237 100
235 63.2 43.1 83.1
272 12.6 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 125.609 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:330 Resp: 791365
Ion Ratio Lower Upper
330 100
332 96.6 77.6 116.4
141 28.7 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 60.479 ng

RT: 9.151 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF141903.D

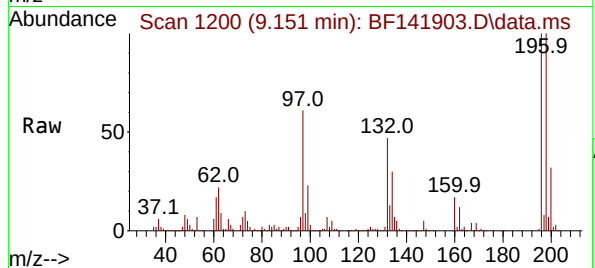
Acq: 10 Mar 2025 13:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



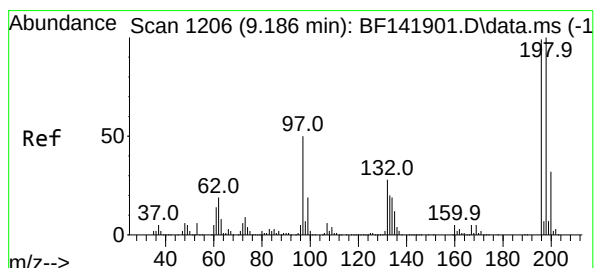
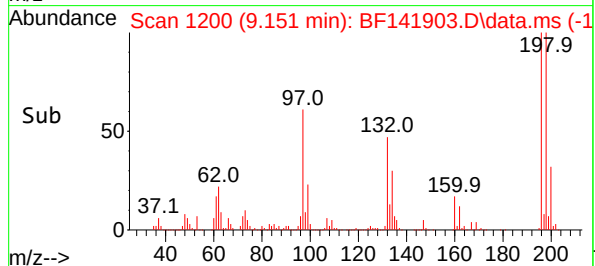
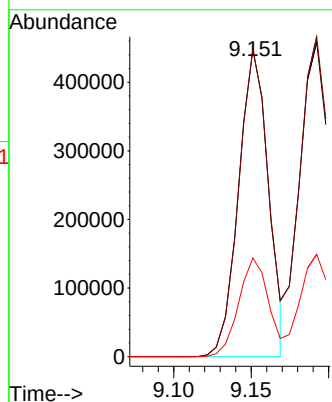
Tgt Ion:196 Resp: 597686

Ion Ratio Lower Upper

196 100

198 99.8 80.6 121.0

200 32.1 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 61.642 ng

RT: 9.192 min Scan# 1207

Delta R.T. 0.006 min

Lab File: BF141903.D

Acq: 10 Mar 2025 13:57

Tgt Ion:196 Resp: 618930

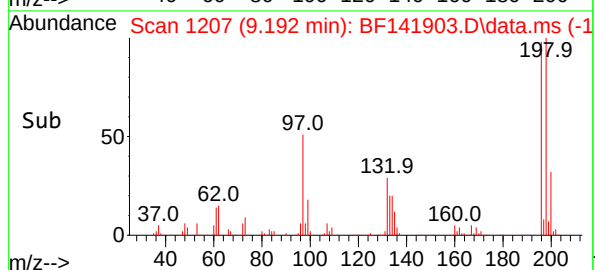
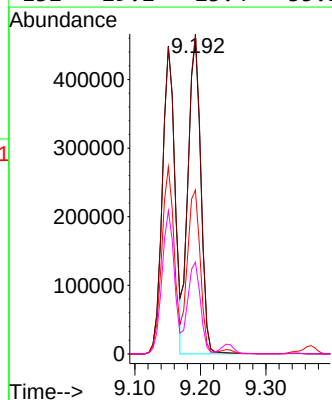
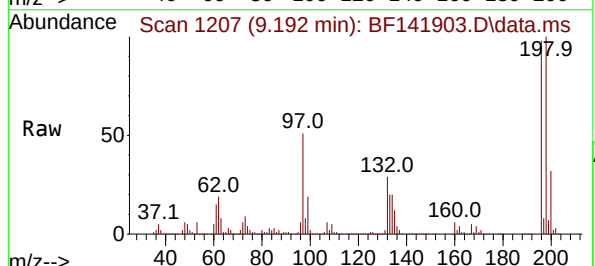
Ion Ratio Lower Upper

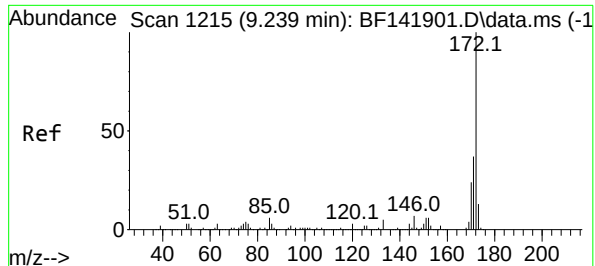
196 100

198 101.7 80.7 121.1

97 52.1 42.1 63.1

132 29.2 23.4 35.2

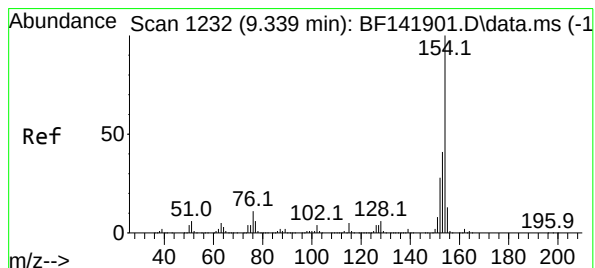
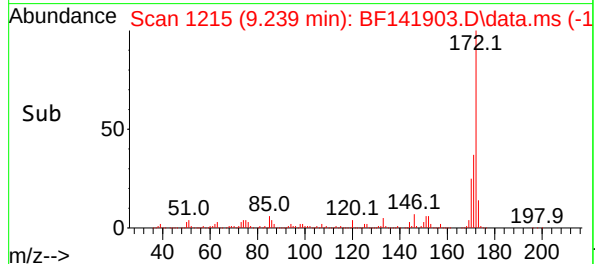
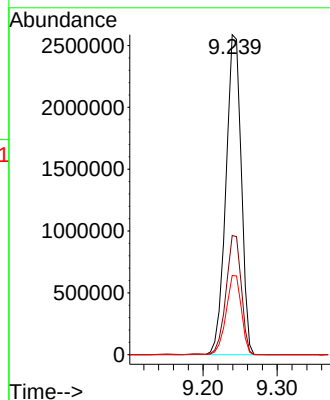
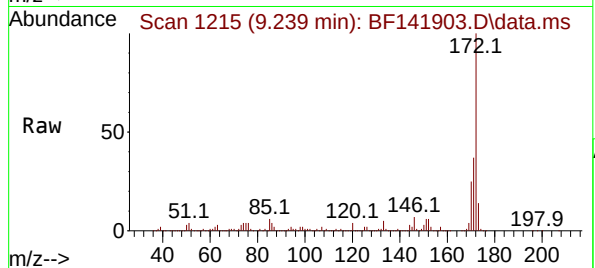




#45
2-Fluorobiphenyl
Concen: 113.827 ng
RT: 9.239 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

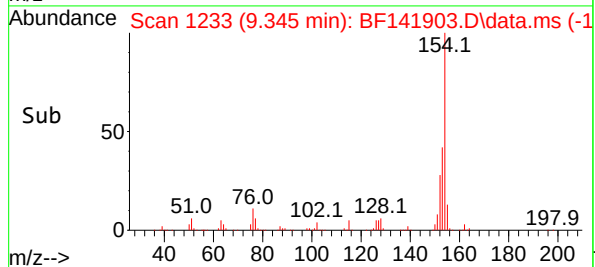
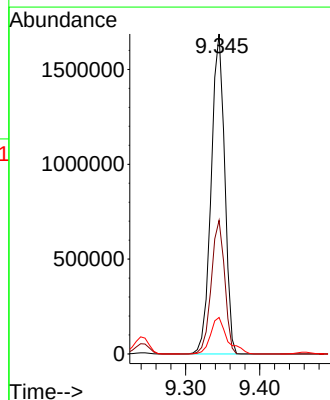
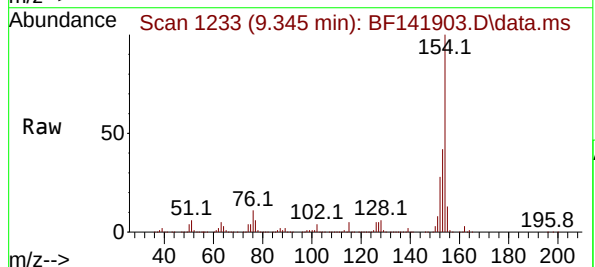
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

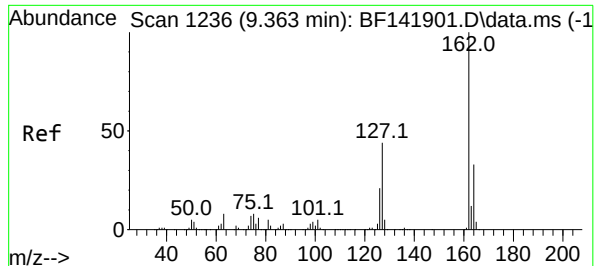
Tgt Ion:172 Resp: 3716590
Ion Ratio Lower Upper
172 100
171 37.3 29.3 43.9
170 24.7 19.4 29.0



#46
1,1'-Biphenyl
Concen: 56.634 ng
RT: 9.345 min Scan# 1233
Delta R.T. 0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:154 Resp: 2134829
Ion Ratio Lower Upper
154 100
153 41.8 21.1 61.1
76 11.4 0.0 31.3





#47

2-Chloronaphthalene

Concen: 57.879 ng

RT: 9.369 min Scan# 1236

Delta R.T. 0.006 min

Lab File: BF141903.D

Acq: 10 Mar 2025 13:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

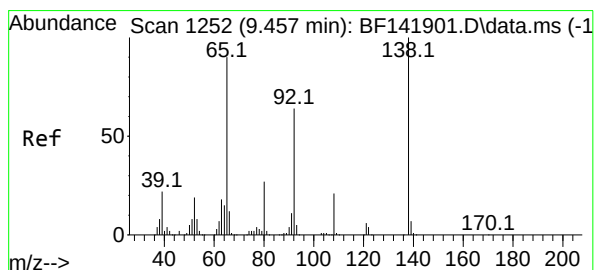
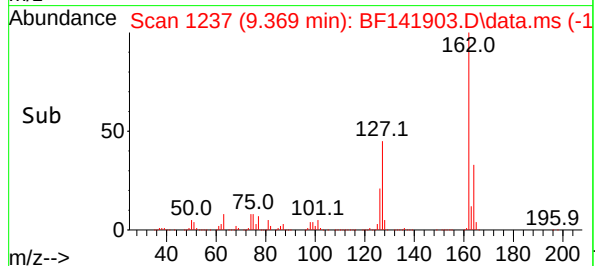
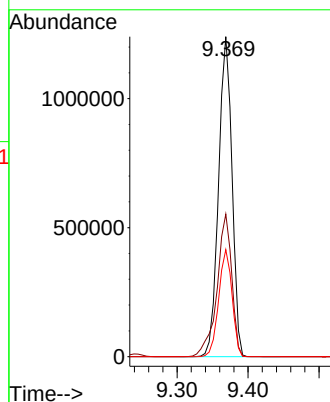
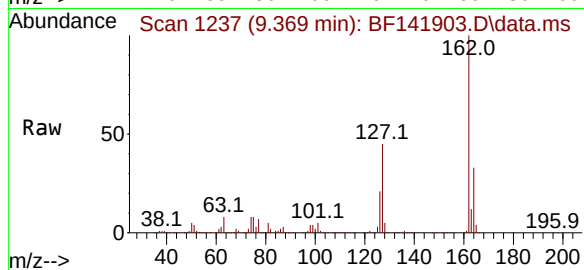
Tgt Ion:162 Resp: 1625973

Ion Ratio Lower Upper

162 100

127 44.5 35.5 53.3

164 33.5 26.6 40.0



#48

2-Nitroaniline

Concen: 61.368 ng

RT: 9.463 min Scan# 1253

Delta R.T. 0.006 min

Lab File: BF141903.D

Acq: 10 Mar 2025 13:57

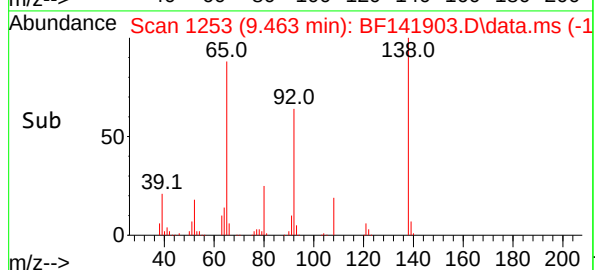
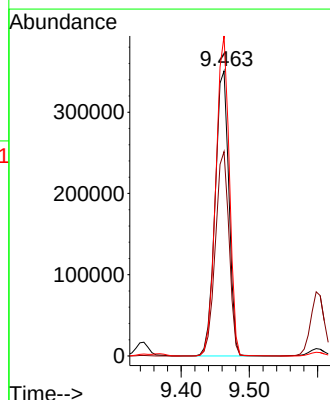
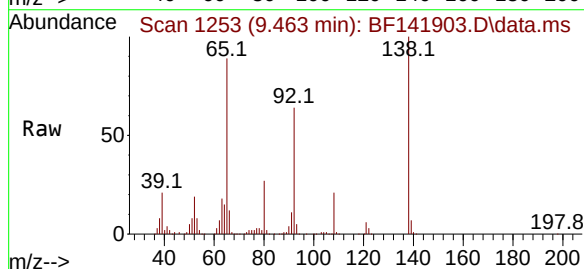
Tgt Ion: 65 Resp: 495229

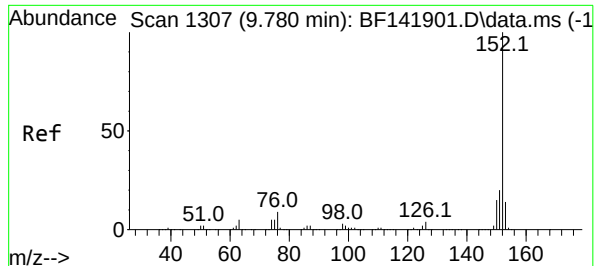
Ion Ratio Lower Upper

65 100

92 71.7 56.6 84.8

138 112.3 88.6 133.0





#49

Acenaphthylene

Concen: 57.125 ng

RT: 9.786 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF141903.D

Acq: 10 Mar 2025 13:57

Instrument :

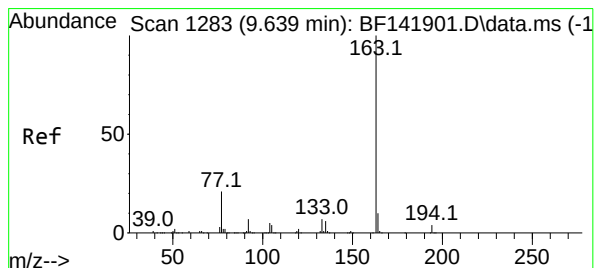
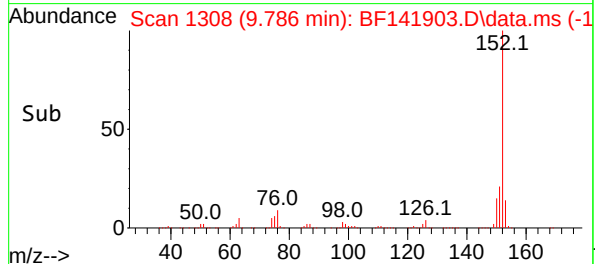
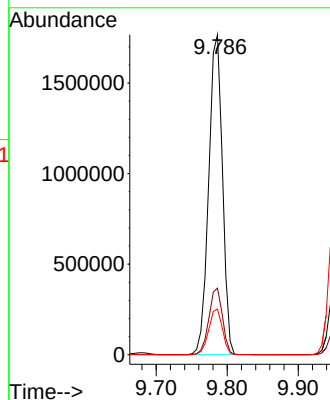
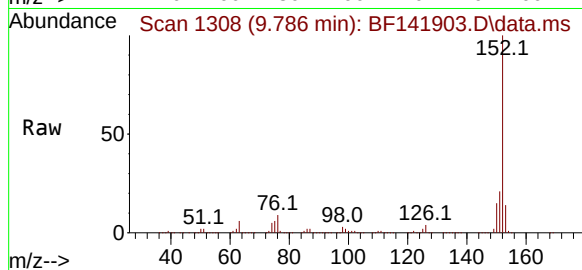
BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:152 Resp: 2379216

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5
153	14.2	11.1	16.7



#50

Dimethylphthalate

Concen: 58.083 ng

RT: 9.651 min Scan# 1285

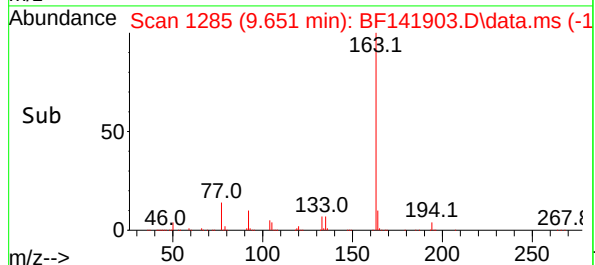
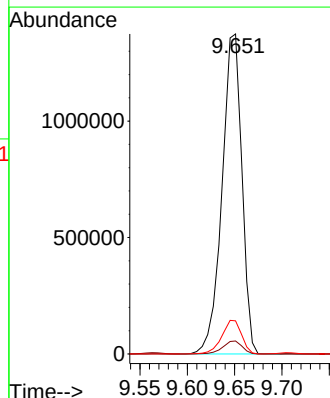
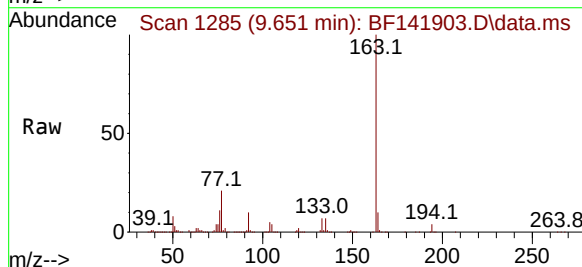
Delta R.T. 0.012 min

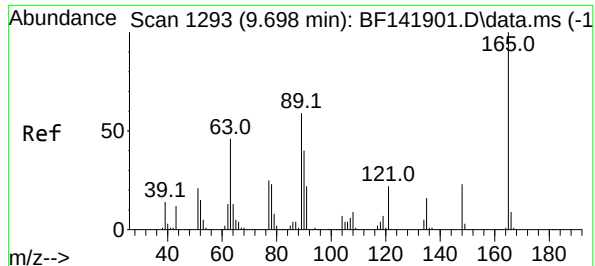
Lab File: BF141903.D

Acq: 10 Mar 2025 13:57

Tgt Ion:163 Resp: 2006480

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.1	4.7
164	10.4	8.2	12.4





#51

2,6-Dinitrotoluene

Concen: 61.441 ng

RT: 9.704 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF141903.D

Acq: 10 Mar 2025 13:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

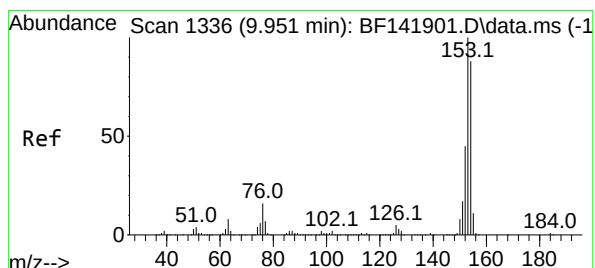
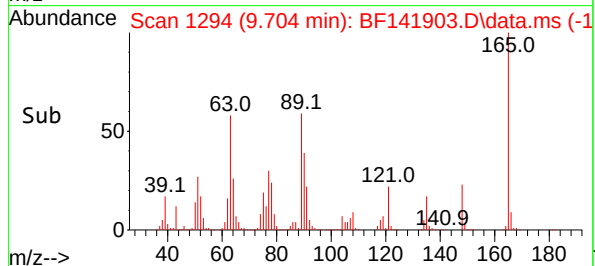
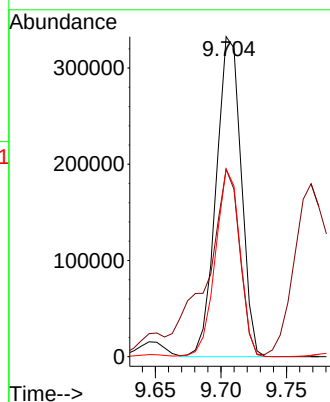
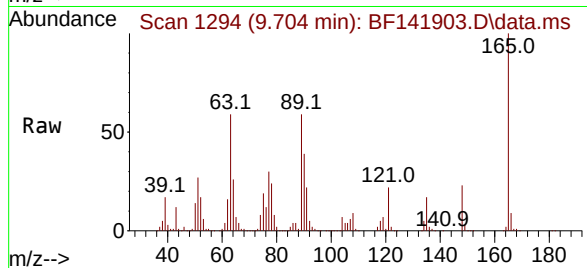
Tgt Ion:165 Resp: 441383

Ion Ratio Lower Upper

165 100

63 58.6 47.0 70.4

89 58.6 47.4 71.2



#52

Acenaphthene

Concen: 59.065 ng

RT: 9.957 min Scan# 1337

Delta R.T. 0.006 min

Lab File: BF141903.D

Acq: 10 Mar 2025 13:57

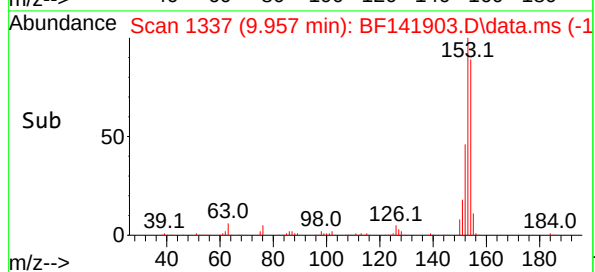
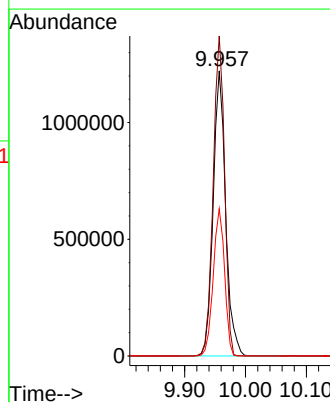
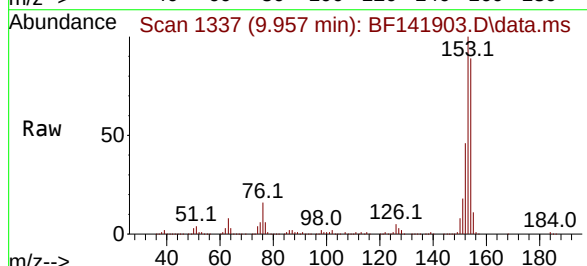
Tgt Ion:154 Resp: 1737049

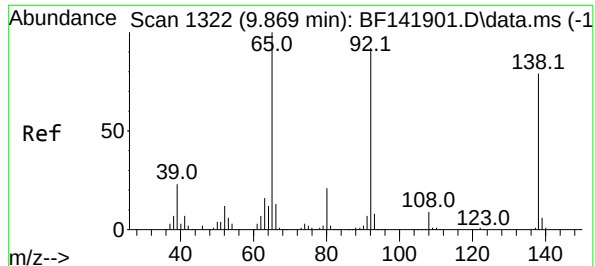
Ion Ratio Lower Upper

154 100

153 112.2 90.7 136.1

152 51.6 41.1 61.7





#53

3-Nitroaniline

Concen: 60.945 ng

RT: 9.875 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF141903.D

Acq: 10 Mar 2025 13:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

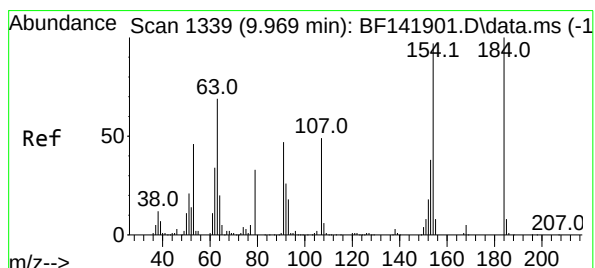
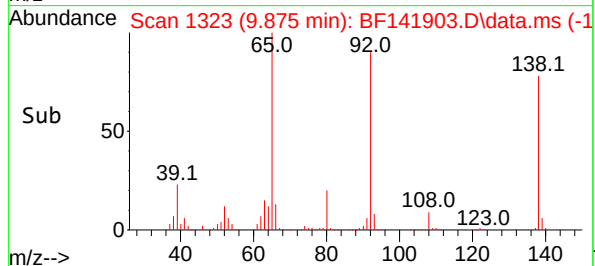
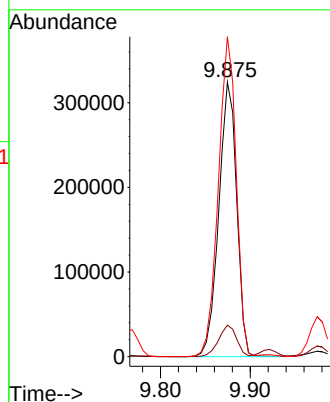
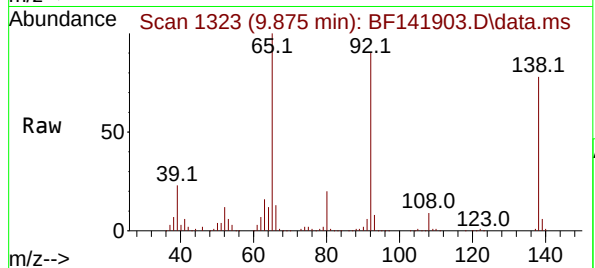
Tgt Ion:138 Resp: 449553

Ion Ratio Lower Upper

138 100

108 11.5 9.3 13.9

92 116.5 93.5 140.3



#54

2,4-Dinitrophenol

Concen: 60.329 ng

RT: 9.975 min Scan# 1340

Delta R.T. 0.006 min

Lab File: BF141903.D

Acq: 10 Mar 2025 13:57

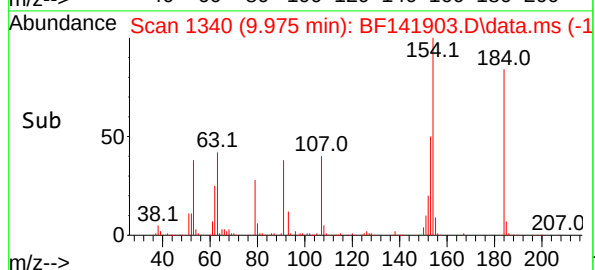
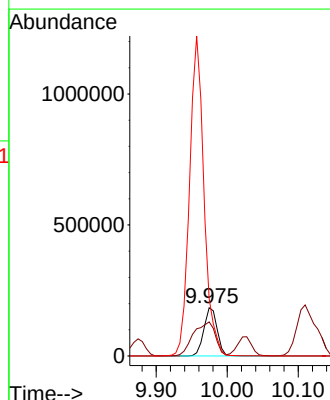
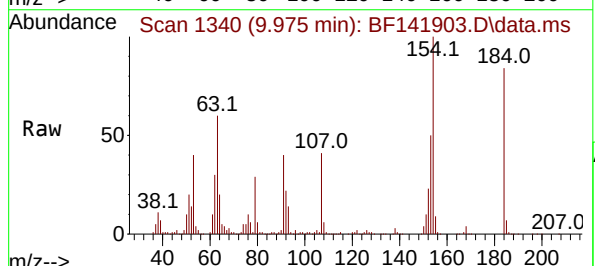
Tgt Ion:184 Resp: 240530

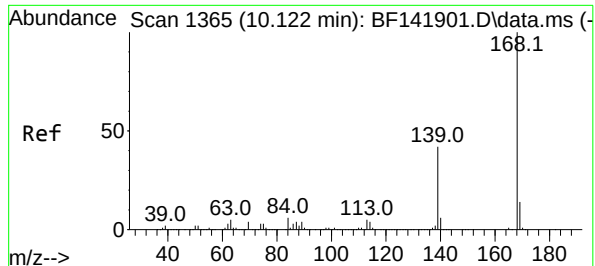
Ion Ratio Lower Upper

184 100

63 70.8 60.2 90.4

154 118.6 132.9 199.3#





#55

Dibenzenofuran

Concen: 56.781 ng

RT: 10.127 min Scan# 1365

Delta R.T. 0.006 min

Lab File: BF141903.D

Acq: 10 Mar 2025 13:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

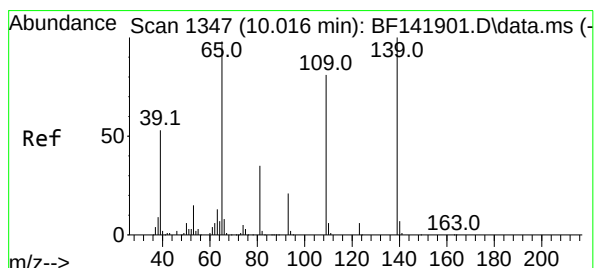
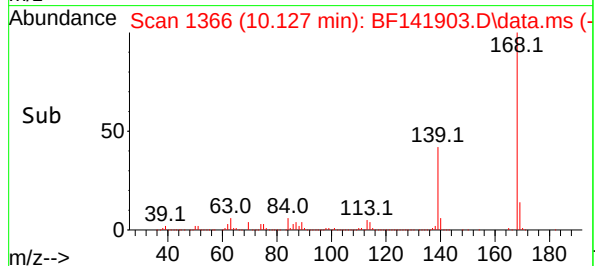
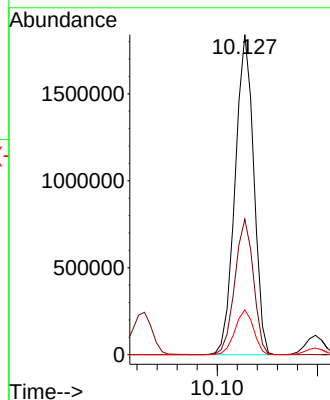
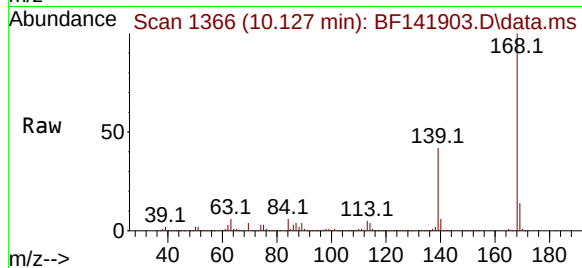
Tgt Ion:168 Resp: 2380973

Ion Ratio Lower Upper

168 100

139 42.4 33.9 50.9

169 14.0 11.0 16.4



#56

4-Nitrophenol

Concen: 62.021 ng

RT: 10.027 min Scan# 1349

Delta R.T. 0.012 min

Lab File: BF141903.D

Acq: 10 Mar 2025 13:57

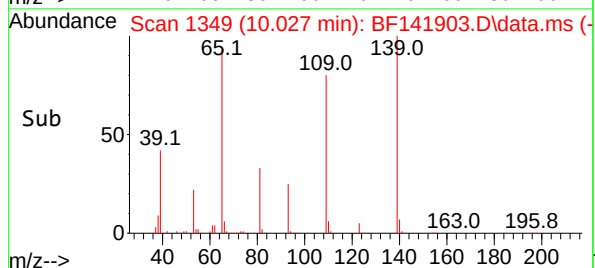
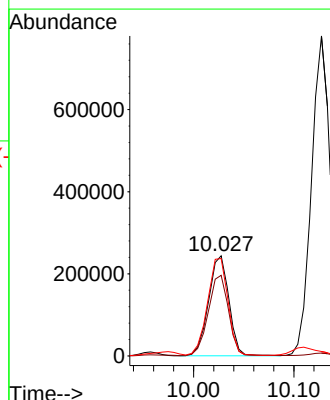
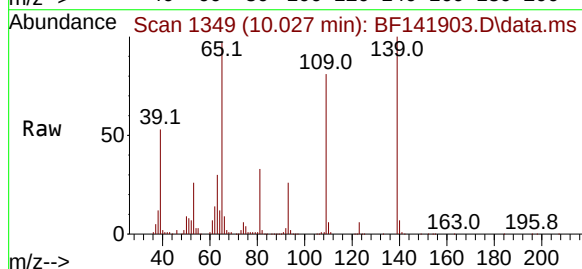
Tgt Ion:139 Resp: 343657

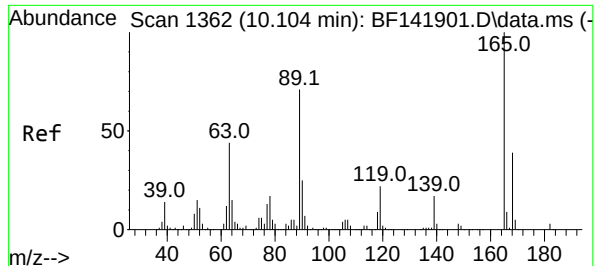
Ion Ratio Lower Upper

139 100

109 80.6 61.6 101.6

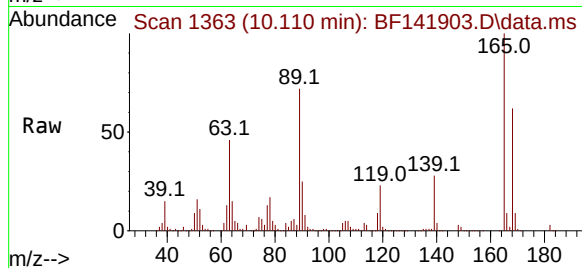
65 97.3 79.4 119.4



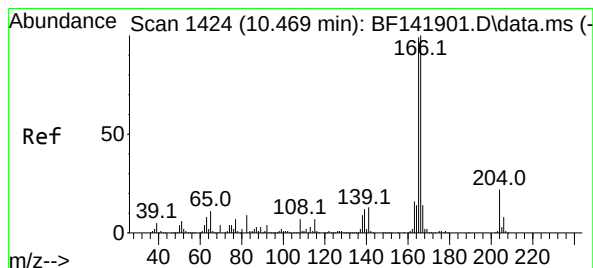
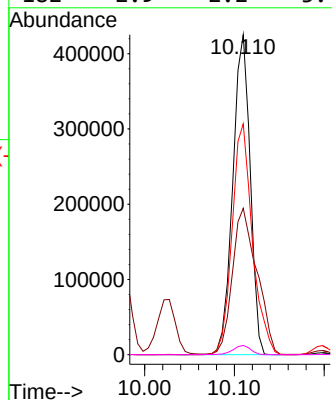
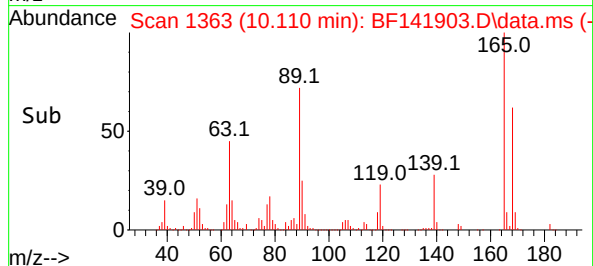


#57
2,4-Dinitrotoluene
Concen: 60.461 ng
RT: 10.110 min Scan# 1363
Delta R.T. 0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

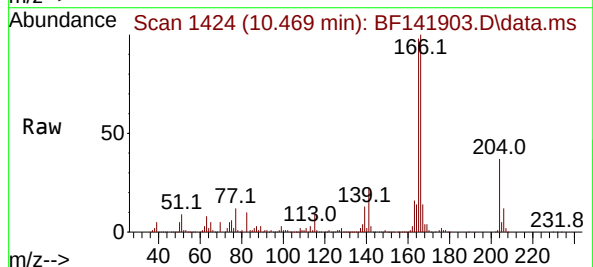
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



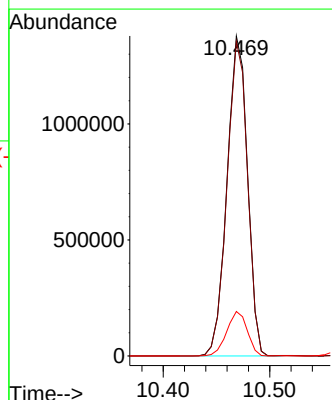
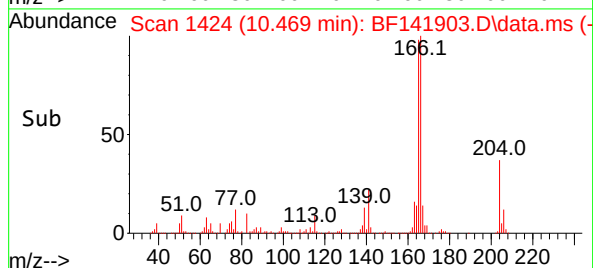
Tgt Ion:165 Resp: 571731
Ion Ratio Lower Upper
165 100
63 45.8 35.4 53.2
89 72.1 56.6 84.8
182 2.9 2.2 3.4

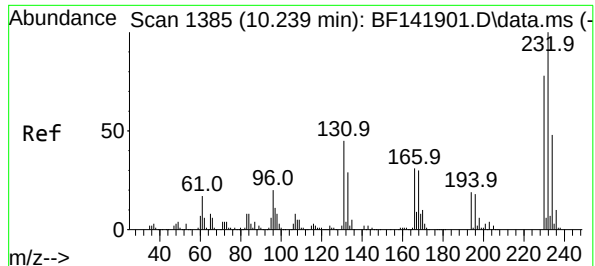


#58
Fluorene
Concen: 56.859 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57



Tgt Ion:166 Resp: 1840654
Ion Ratio Lower Upper
166 100
165 98.3 79.0 118.4
167 13.9 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 60.002 ng

RT: 10.239 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF141903.D

Acq: 10 Mar 2025 13:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:232 Resp: 546621

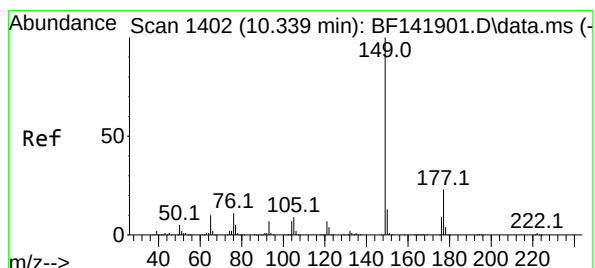
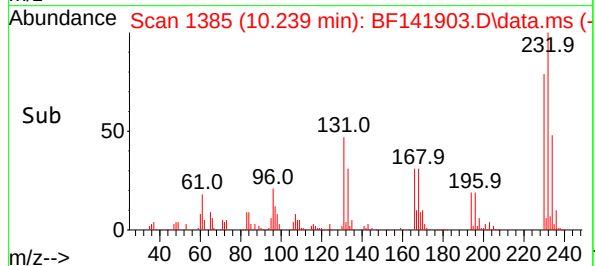
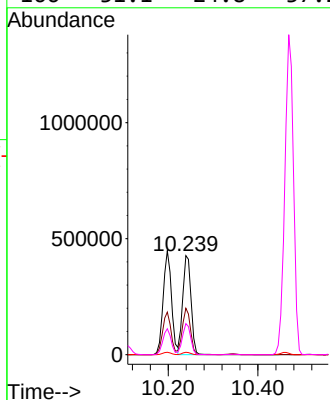
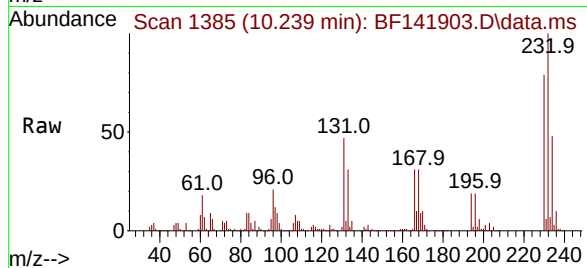
Ion Ratio Lower Upper

232 100

131 46.3 37.3 55.9

130 2.4 1.9 2.9

166 31.1 24.8 37.2



#60

Diethylphthalate

Concen: 57.552 ng

RT: 10.345 min Scan# 1403

Delta R.T. 0.006 min

Lab File: BF141903.D

Acq: 10 Mar 2025 13:57

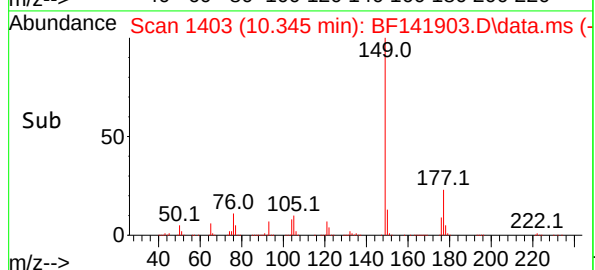
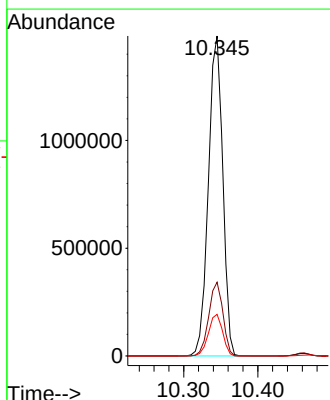
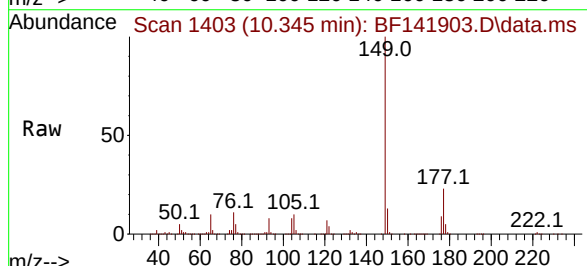
Tgt Ion:149 Resp: 1995827

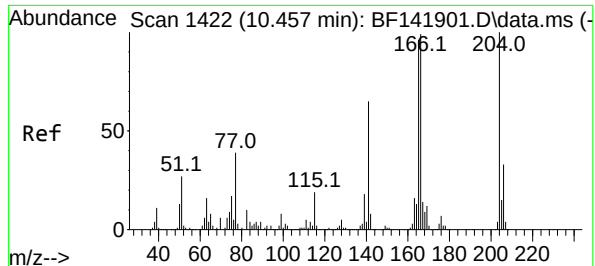
Ion Ratio Lower Upper

149 100

177 23.0 18.0 27.0

150 13.0 10.2 15.4

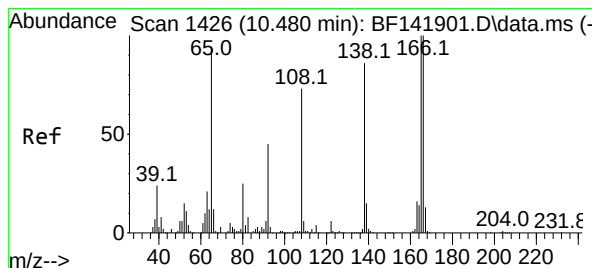
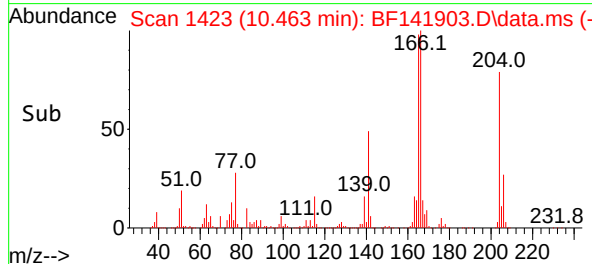
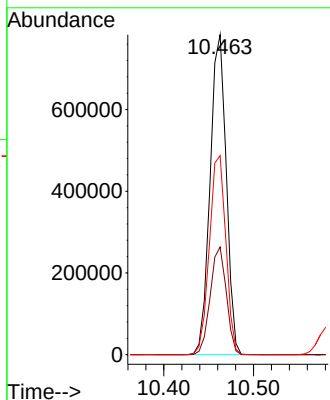
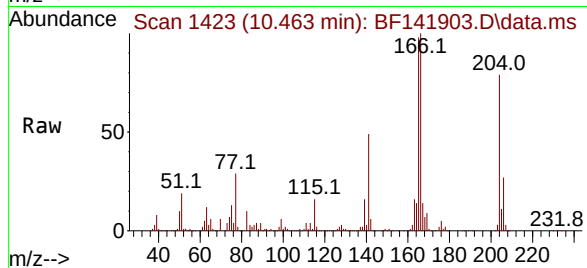




#61
4-Chlorophenyl-phenylether
Concen: 57.993 ng
RT: 10.463 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

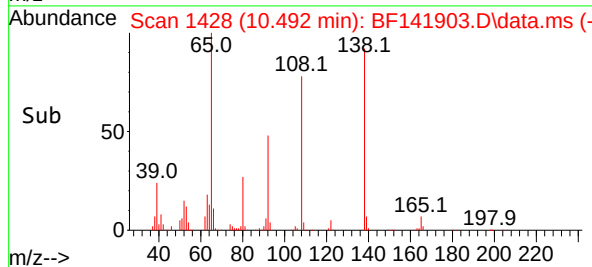
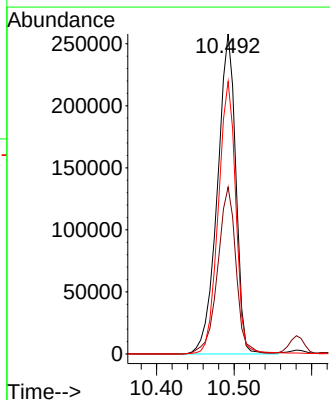
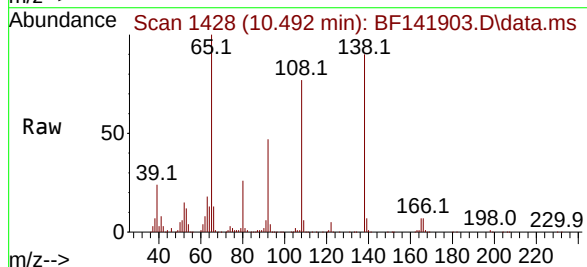
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

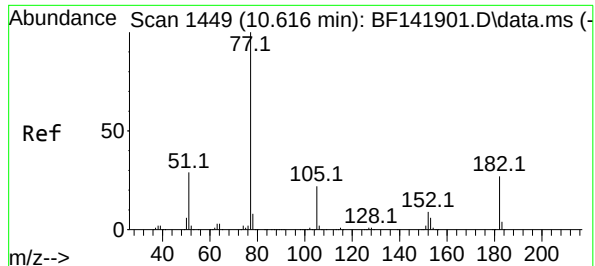
Tgt Ion:204 Resp: 977819
Ion Ratio Lower Upper
204 100
206 33.6 26.8 40.2
141 62.2 52.4 78.6



#62
4-Nitroaniline
Concen: 59.702 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.012 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:138 Resp: 426741
Ion Ratio Lower Upper
138 100
92 52.2 32.6 72.6
108 85.2 65.0 105.0

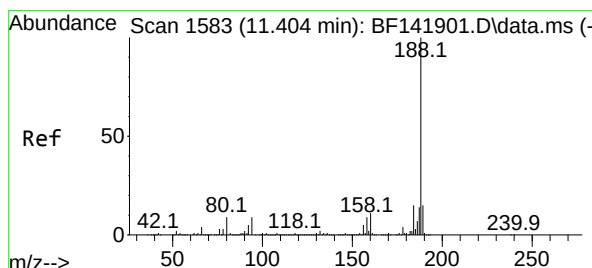
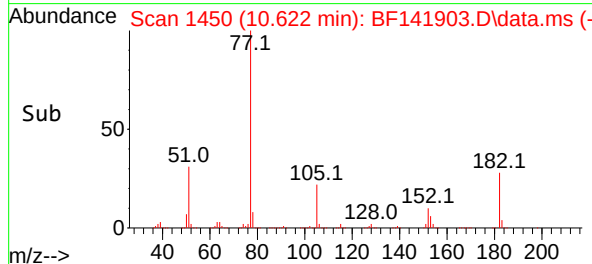
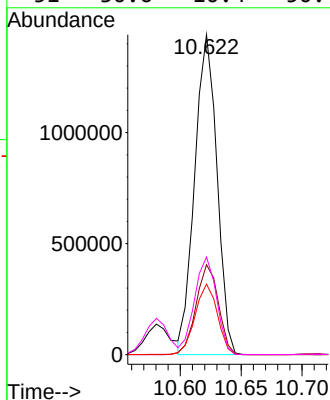
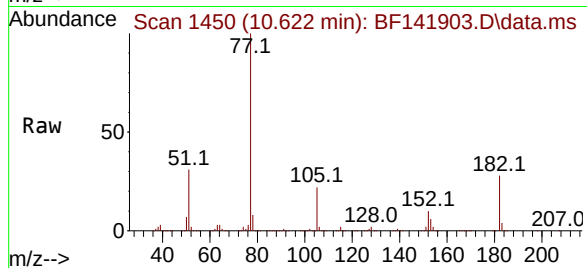




#63
Azobenzene
Concen: 56.784 ng
RT: 10.622 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

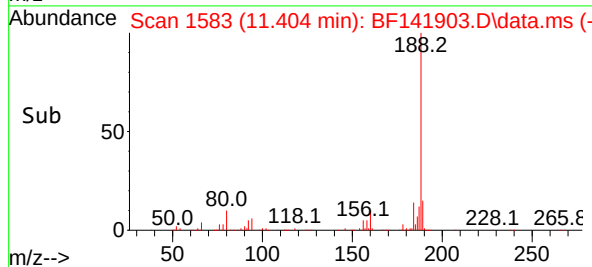
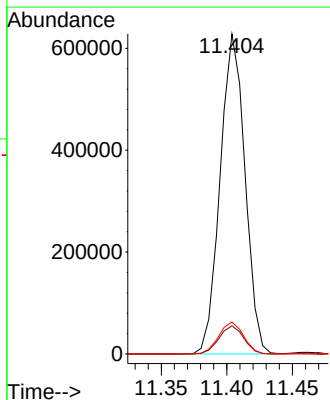
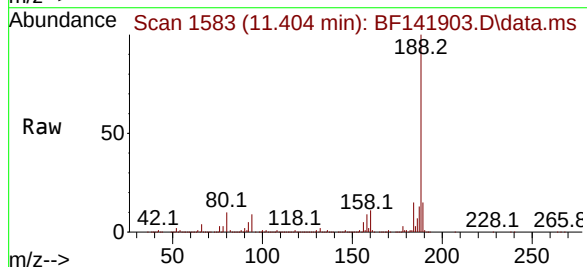
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

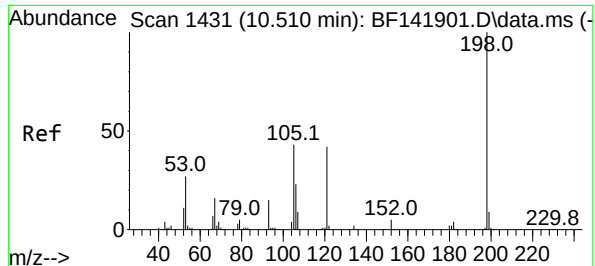
Tgt Ion: 77 Resp: 1829282
Ion Ratio Lower Upper
77 100
182 28.1 6.6 46.6
105 22.0 1.3 41.3
51 30.6 10.4 50.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion: 188 Resp: 827202
Ion Ratio Lower Upper
188 100
94 8.8 6.8 10.2
80 10.0 7.6 11.4

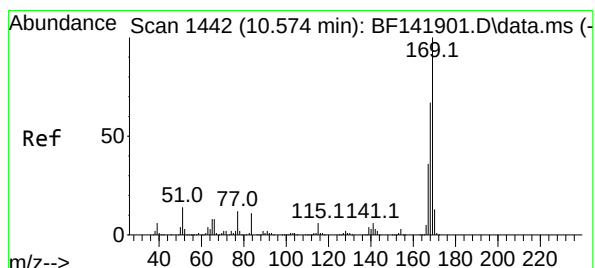
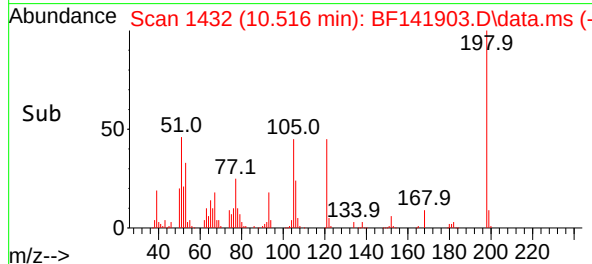
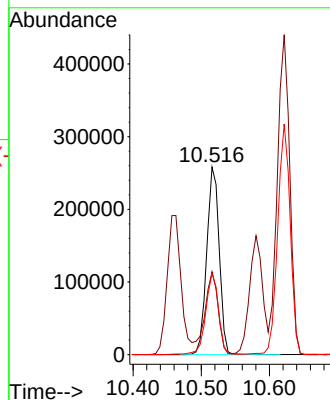
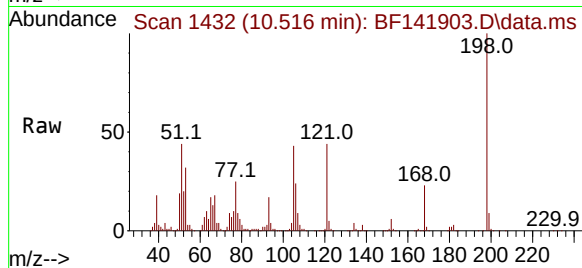




#65
4,6-Dinitro-2-methylphenol
Concen: 67.356 ng
RT: 10.516 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

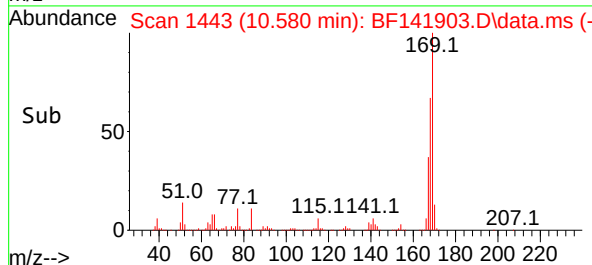
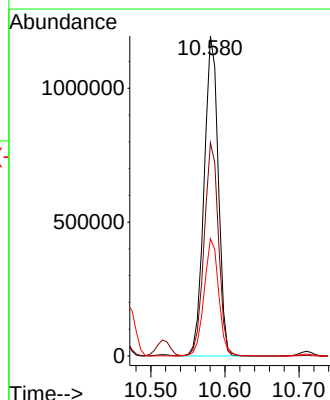
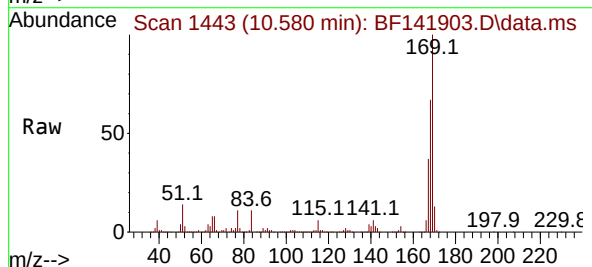
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

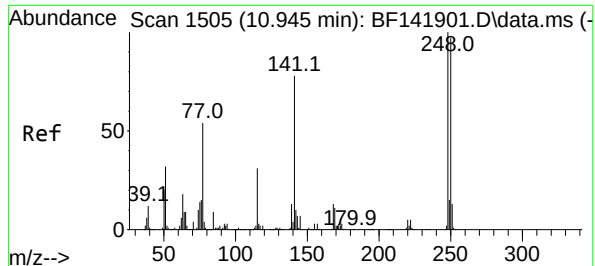
Tgt Ion:198 Resp: 330315
Ion Ratio Lower Upper
198 100
51 44.2 22.3 62.3
105 43.4 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 59.270 ng
RT: 10.580 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:169 Resp: 1583832
Ion Ratio Lower Upper
169 100
168 66.6 53.7 80.5
167 36.6 29.2 43.8

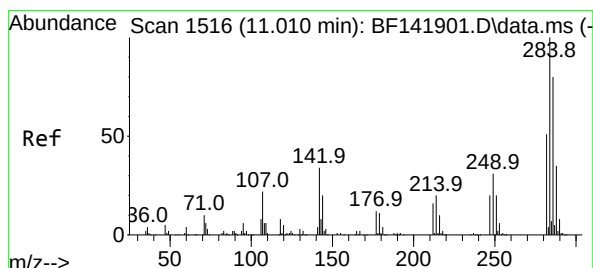
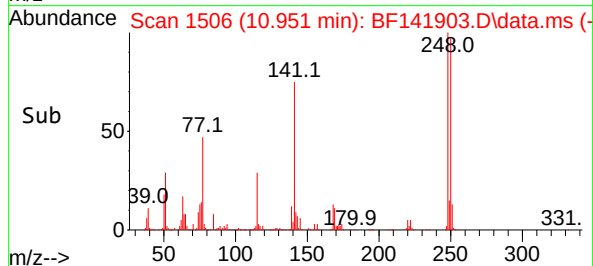
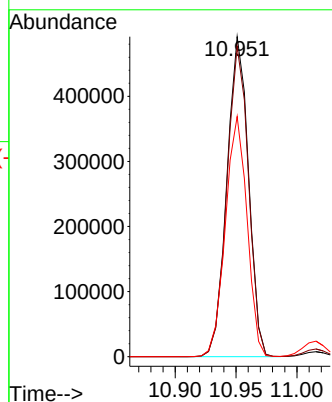
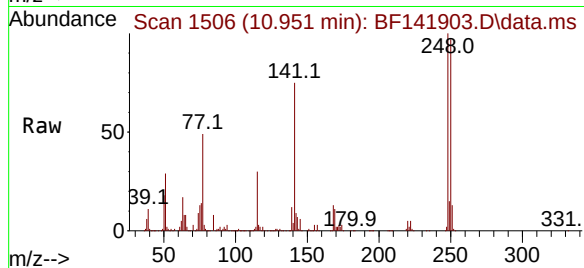




#67
4-Bromophenyl-phenylether
Concen: 59.044 ng
RT: 10.951 min Scan# 1506
Delta R.T. 0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

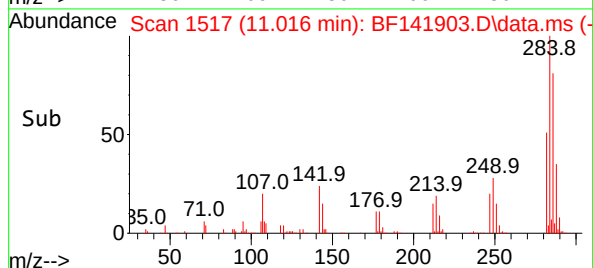
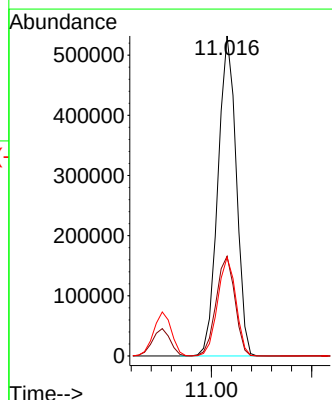
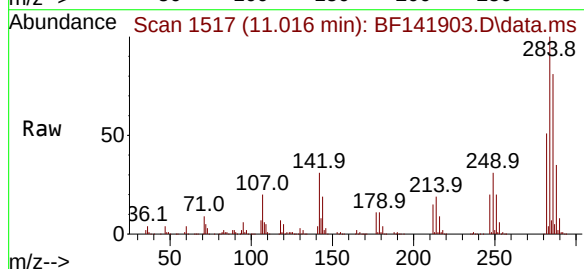
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

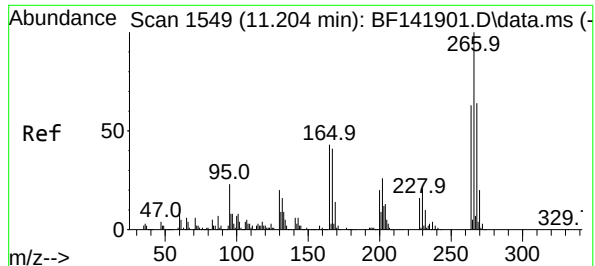
Tgt Ion:248 Resp: 608246
Ion Ratio Lower Upper
248 100
250 97.0 77.8 116.8
141 75.1 62.6 93.8



#68
Hexachlorobenzene
Concen: 59.144 ng
RT: 11.016 min Scan# 1517
Delta R.T. 0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:284 Resp: 673465
Ion Ratio Lower Upper
284 100
142 31.1 27.0 40.6
249 30.8 25.2 37.8





#70

Pentachlorophenol

Concen: 65.893 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.000 min

Lab File: BF141903.D

Acq: 10 Mar 2025 13:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

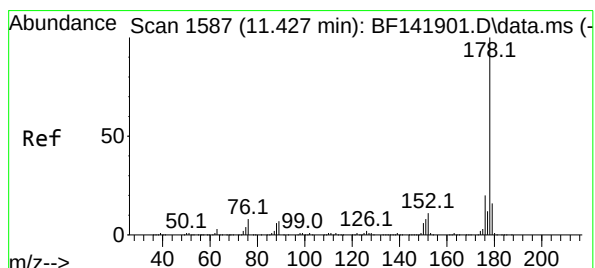
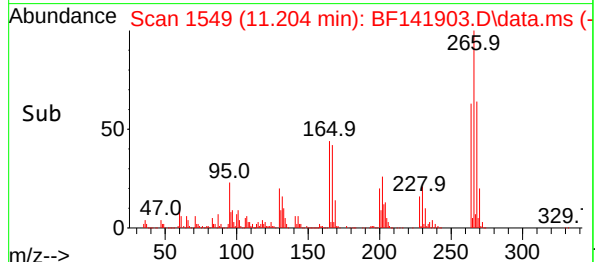
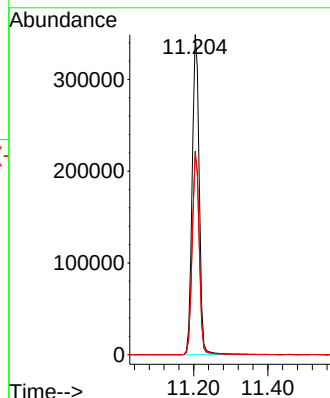
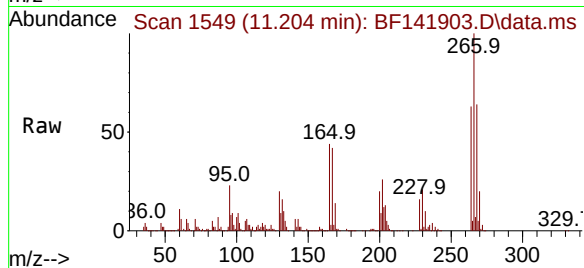
Tgt Ion:266 Resp: 462709

Ion Ratio Lower Upper

266 100

268 63.5 51.0 76.6

264 63.1 50.2 75.2



#71

Phenanthrene

Concen: 57.232 ng

RT: 11.433 min Scan# 1588

Delta R.T. 0.006 min

Lab File: BF141903.D

Acq: 10 Mar 2025 13:57

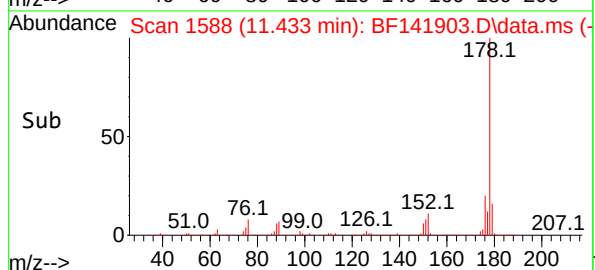
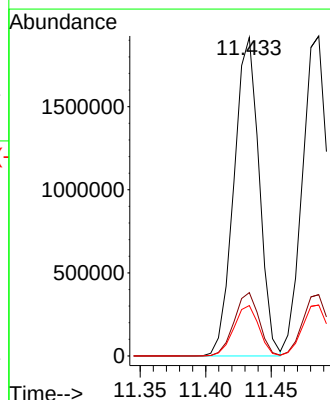
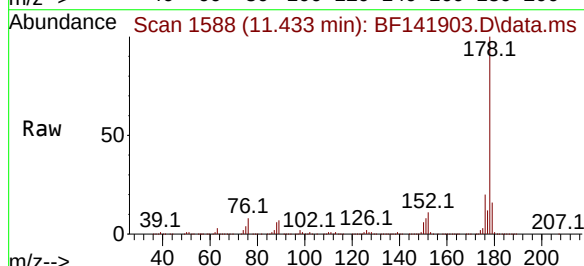
Tgt Ion:178 Resp: 2560092

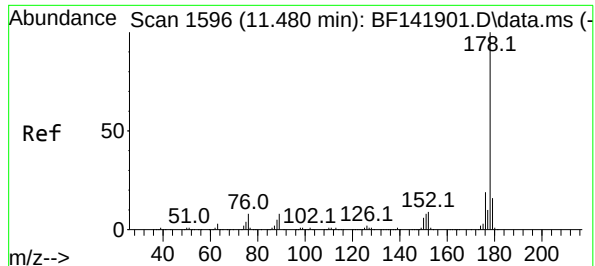
Ion Ratio Lower Upper

178 100

176 19.9 15.8 23.8

179 15.8 12.6 19.0

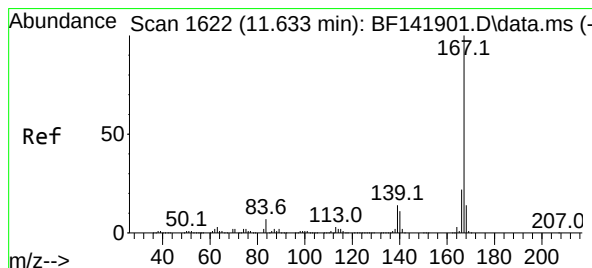
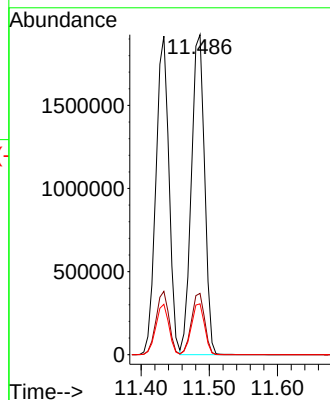
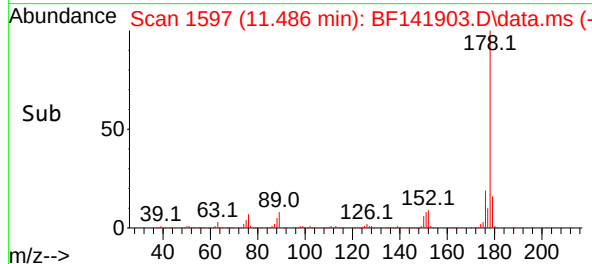
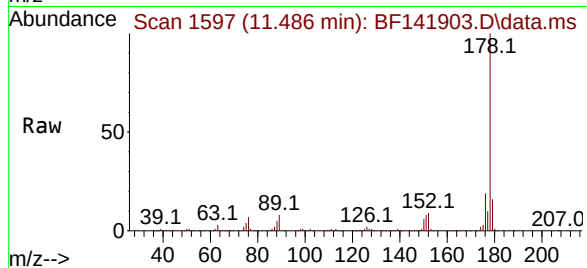




#72
Anthracene
Concen: 57.281 ng
RT: 11.486 min Scan# 1596
Delta R.T. 0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

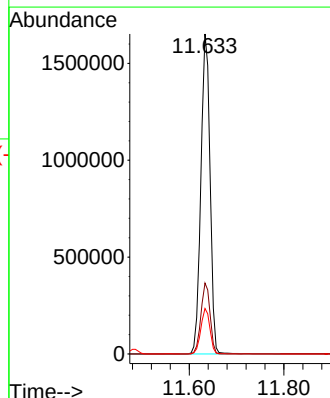
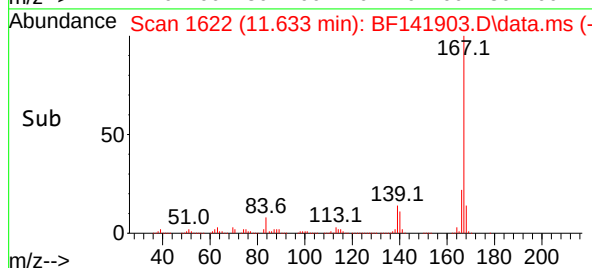
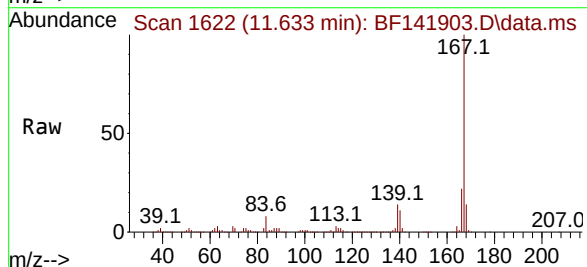
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

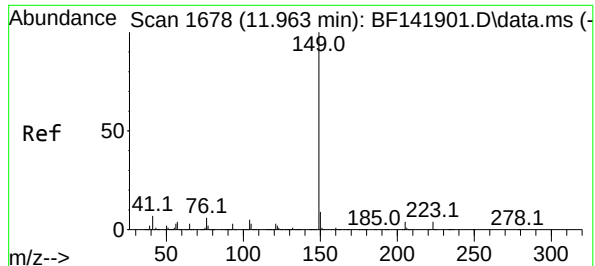
Tgt Ion:178 Resp: 2570717
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 15.9 12.6 19.0



#73
Carbazole
Concen: 57.284 ng
RT: 11.633 min Scan# 1622
Delta R.T. 0.000 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:167 Resp: 2213331
Ion Ratio Lower Upper
167 100
166 22.1 17.4 26.2
139 14.2 11.0 16.6

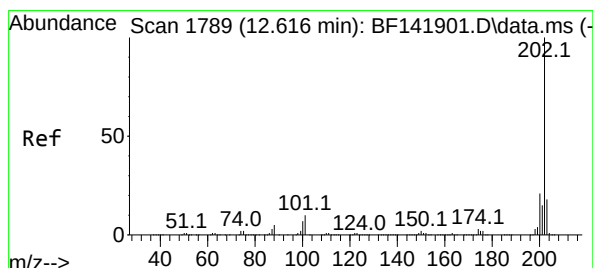
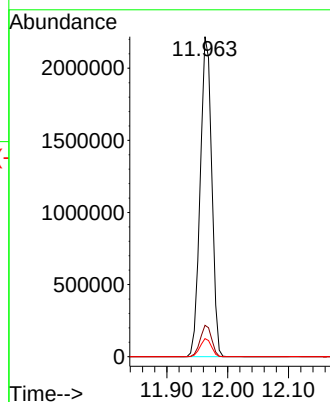
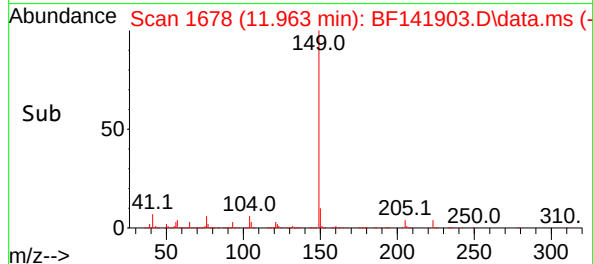
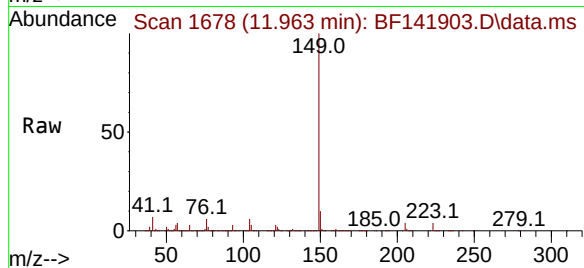




#74
Di-n-butylphthalate
Concen: 57.161 ng
RT: 11.963 min Scan# 1678
Delta R.T. 0.000 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

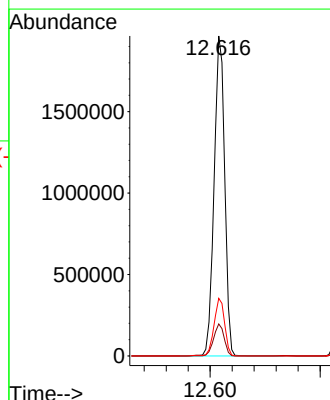
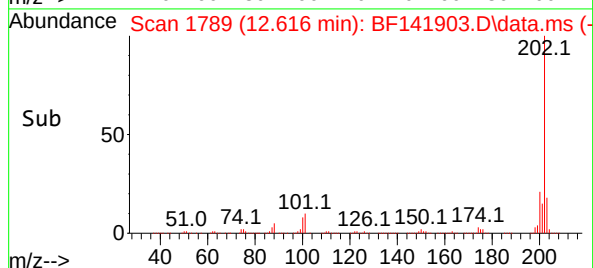
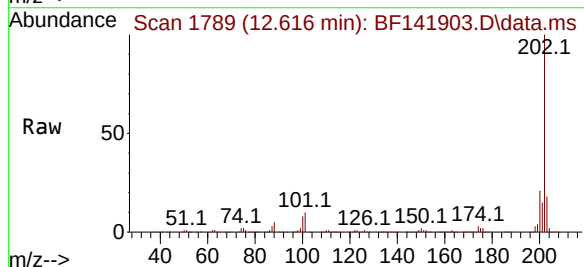
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

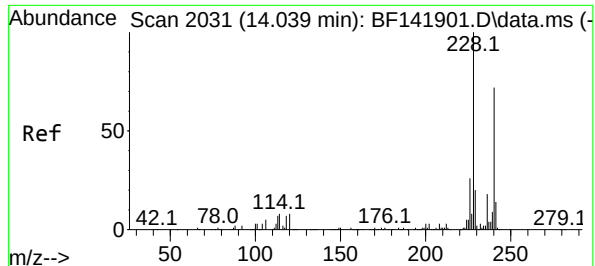
Tgt Ion:149 Resp: 2916048
Ion Ratio Lower Upper
149 100
150 9.8 7.6 11.4
104 5.6 4.4 6.6



#75
Fluoranthene
Concen: 55.984 ng
RT: 12.616 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:202 Resp: 2628993
Ion Ratio Lower Upper
202 100
101 10.0 0.0 29.7
203 18.0 0.0 37.8

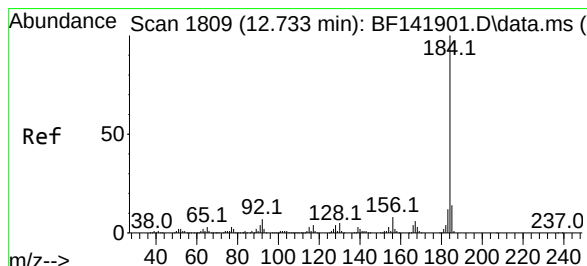
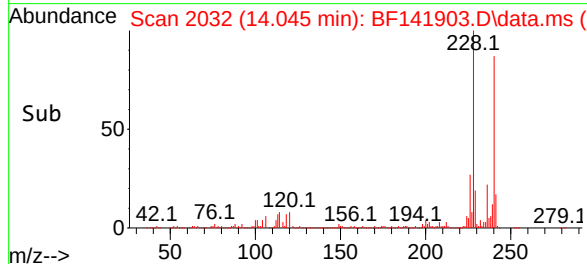
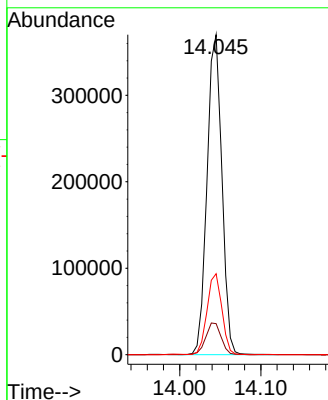
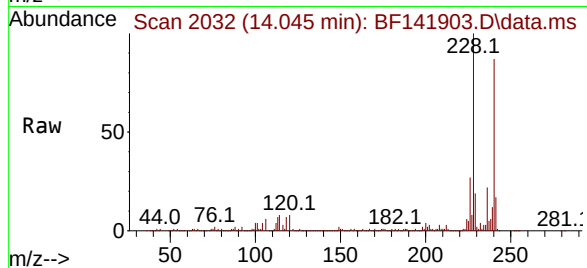




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

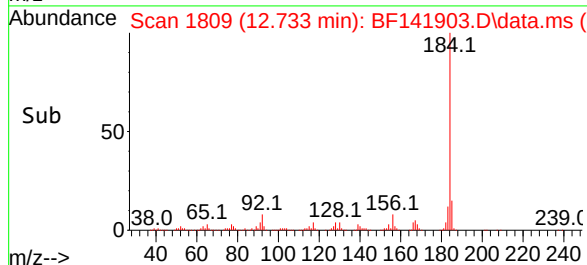
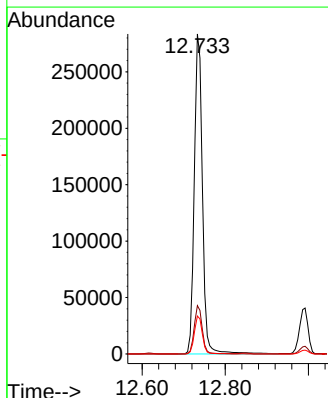
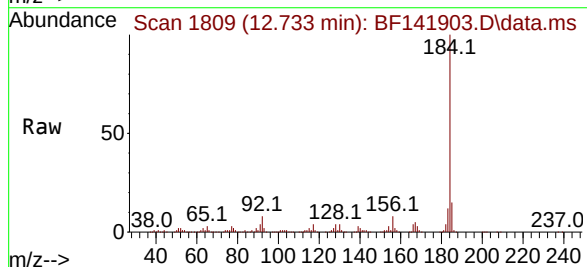
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

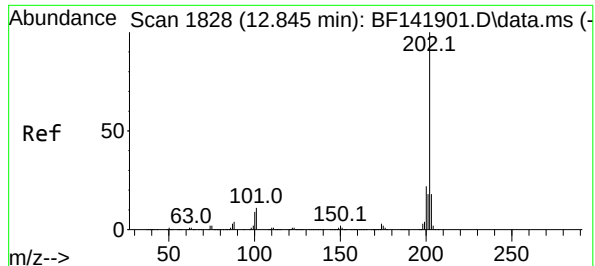
Tgt Ion:240 Resp: 468454
Ion Ratio Lower Upper
240 100
120 9.7 8.4 12.6
236 25.3 20.5 30.7



#77
Benzidine
Concen: 58.309 ng
RT: 12.733 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:184 Resp: 386007
Ion Ratio Lower Upper
184 100
185 15.1 11.5 17.3
183 11.9 9.7 14.5

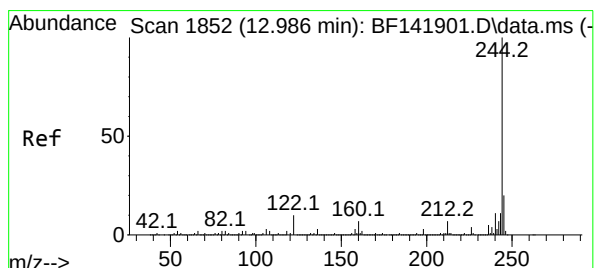
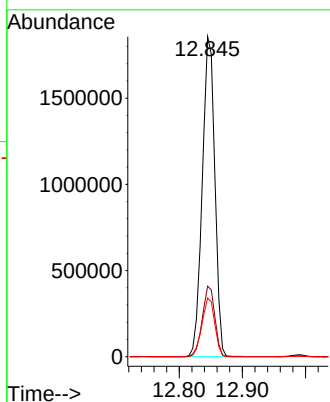
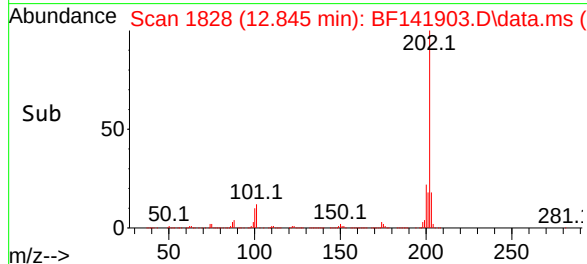
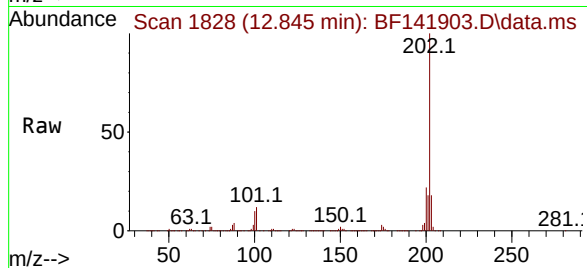




#78
Pyrene
Concen: 63.781 ng
RT: 12.845 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

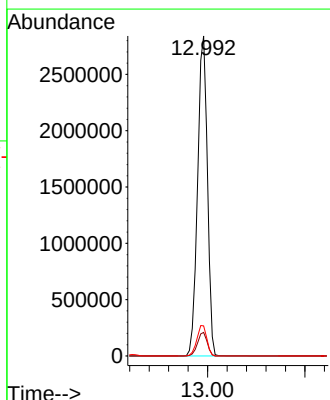
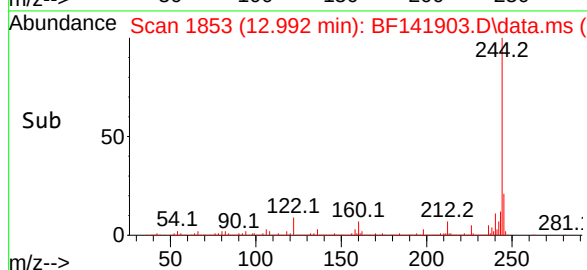
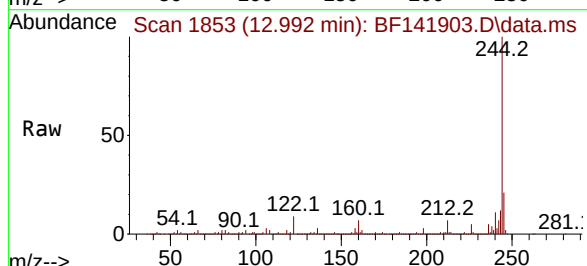
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

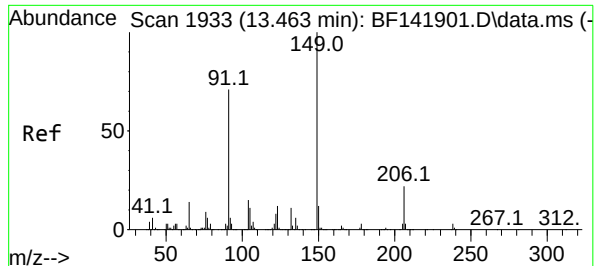
Tgt Ion:202 Resp: 2562337
Ion Ratio Lower Upper
202 100
200 22.0 17.3 25.9
203 18.4 14.4 21.6



#79
Terphenyl-d14
Concen: 125.675 ng
RT: 12.992 min Scan# 1853
Delta R.T. 0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:244 Resp: 3982780
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 9.4 7.7 11.5

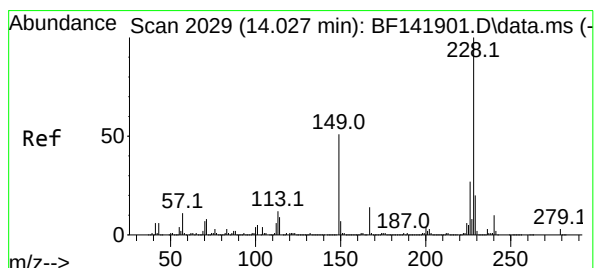
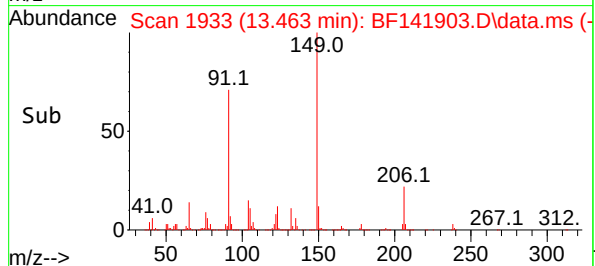
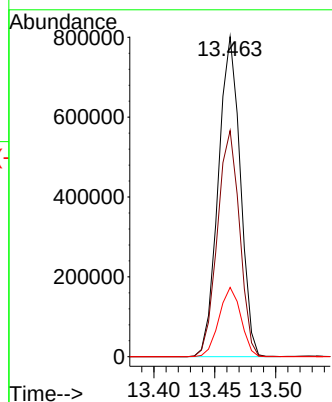
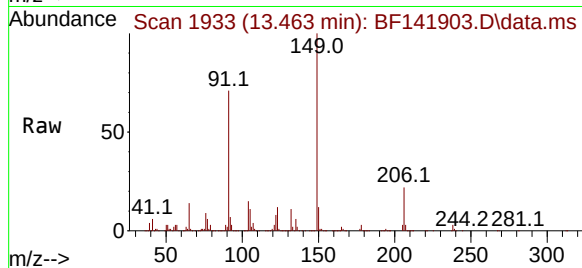




#80
Butylbenzylphthalate
Concen: 63.676 ng
RT: 13.463 min Scan# 1933
Delta R.T. 0.000 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

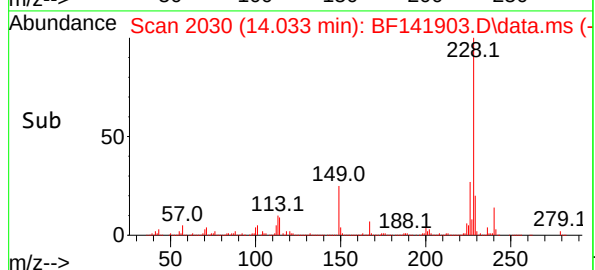
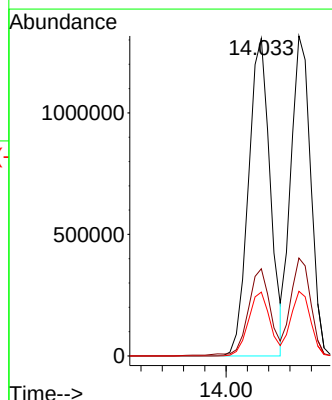
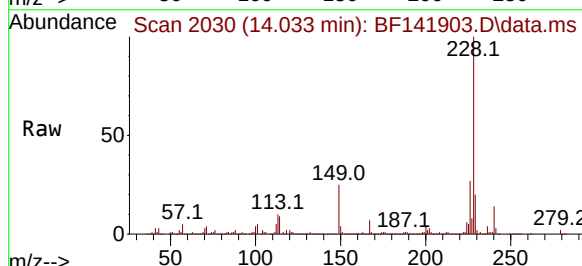
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

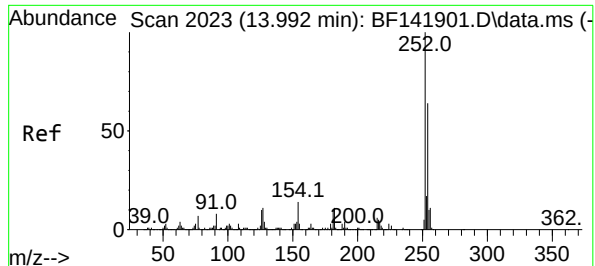
Tgt Ion:149 Resp: 1008043
Ion Ratio Lower Upper
149 100
91 70.7 56.5 84.7
206 21.6 17.3 25.9



#81
Benzo(a)anthracene
Concen: 60.040 ng
RT: 14.033 min Scan# 2030
Delta R.T. 0.006 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:228 Resp: 1850347
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.8
229 20.1 16.0 24.0

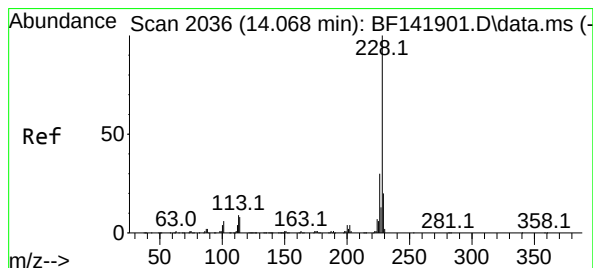
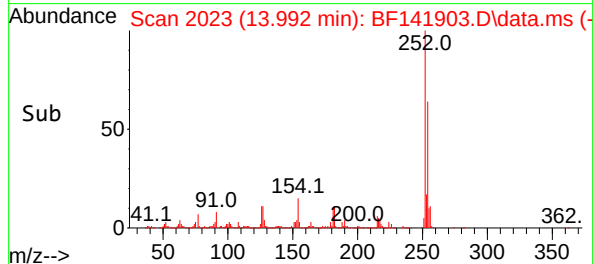
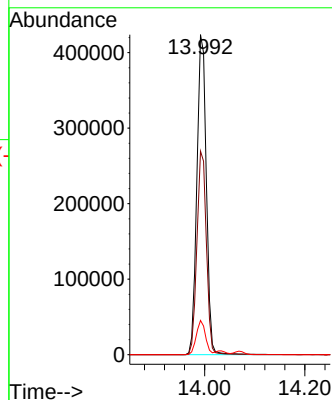
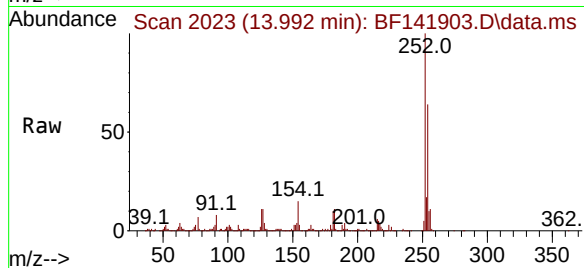




#82
3,3'-Dichlorobenzidine
Concen: 62.091 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

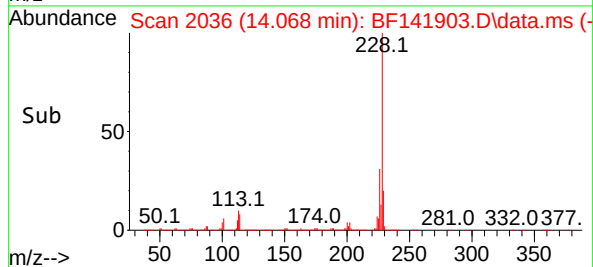
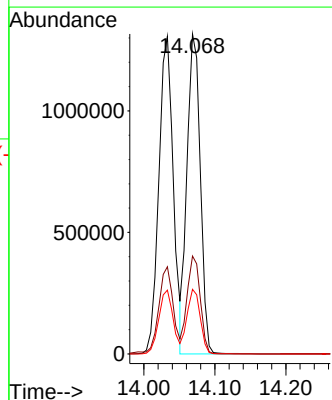
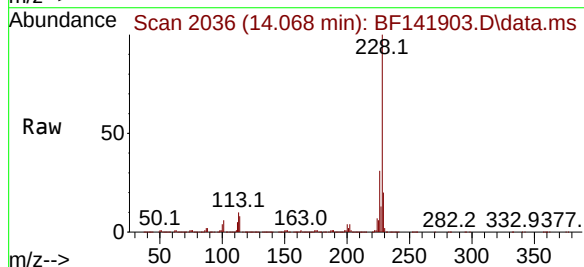
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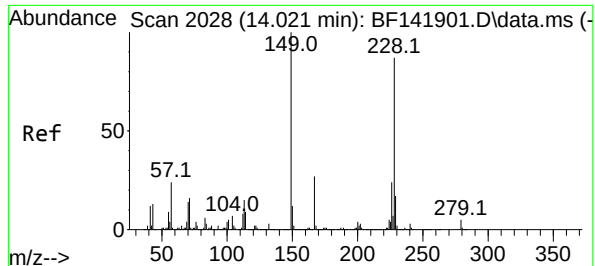
Tgt Ion:252 Resp: 553078
Ion Ratio Lower Upper
252 100
254 63.6 51.0 76.6
126 10.7 8.4 12.6



#83
Chrysene
Concen: 61.596 ng
RT: 14.068 min Scan# 2036
Delta R.T. 0.000 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:228 Resp: 1705257
Ion Ratio Lower Upper
228 100
226 30.6 24.1 36.1
229 20.2 15.7 23.5

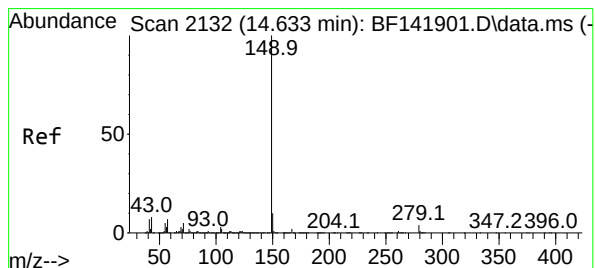
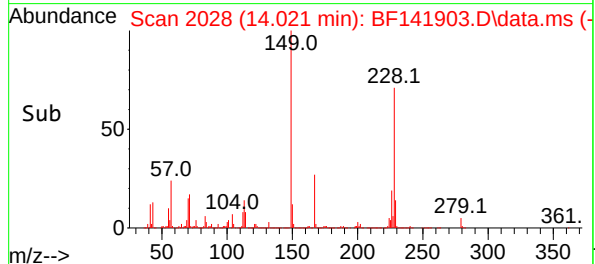
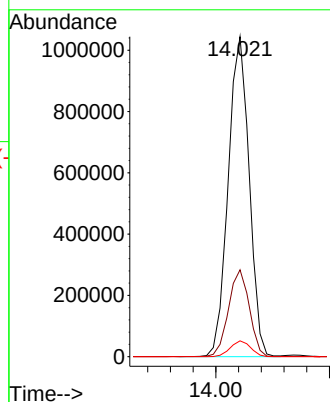
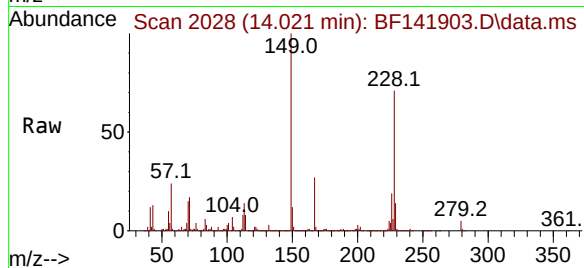




#84
Bis(2-ethylhexyl)phthalate
Concen: 61.582 ng
RT: 14.021 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

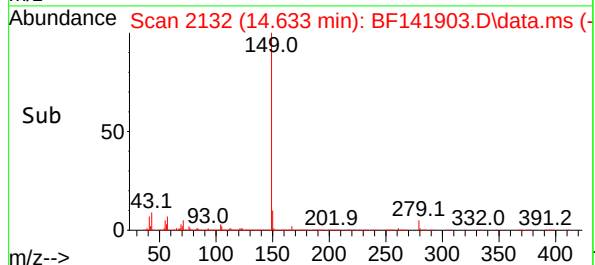
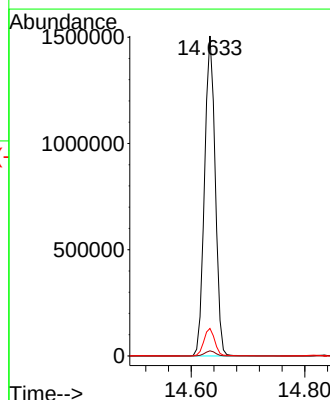
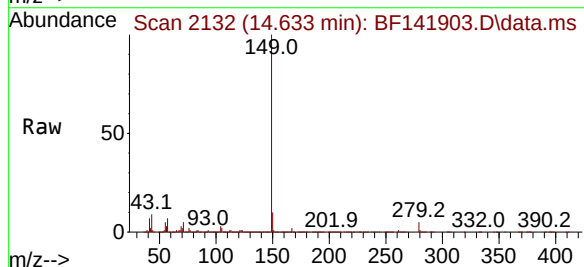
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

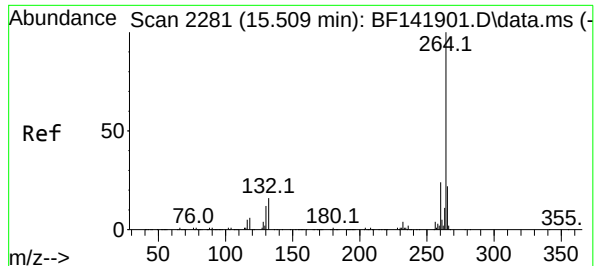
Tgt Ion:149 Resp: 1337474
Ion Ratio Lower Upper
149 100
167 27.1 21.4 32.0
279 4.9 3.8 5.6



#85
Di-n-octyl phthalate
Concen: 64.613 ng
RT: 14.633 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:149 Resp: 1953184
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.9 6.9 10.3

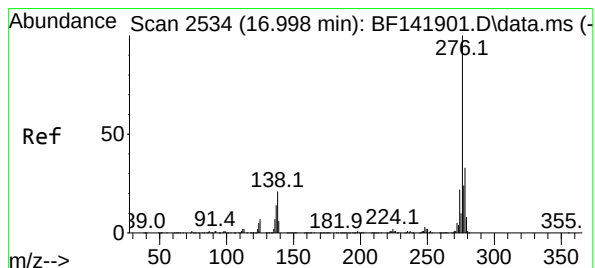
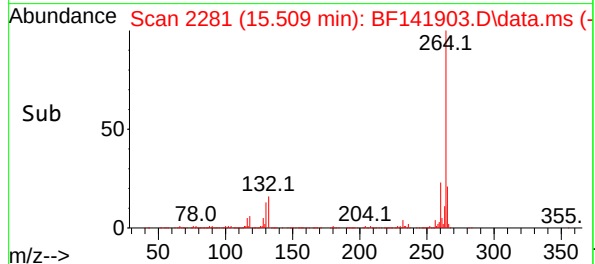
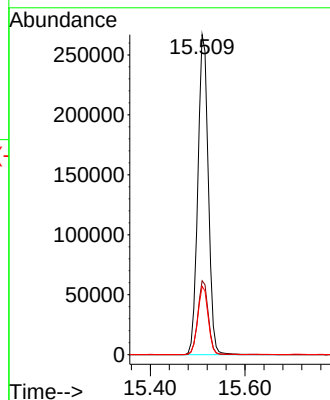
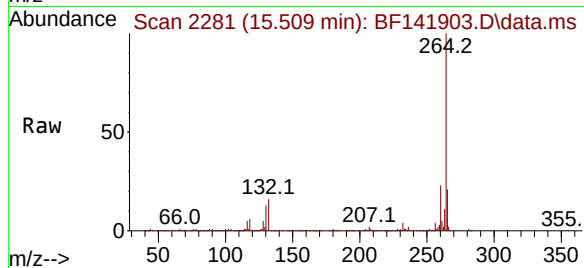




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.509 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

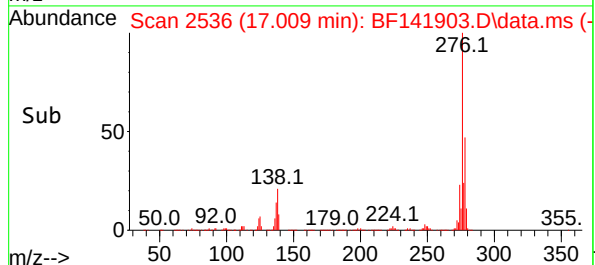
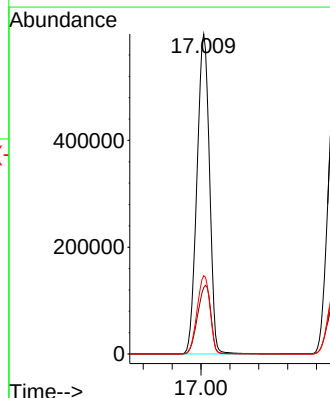
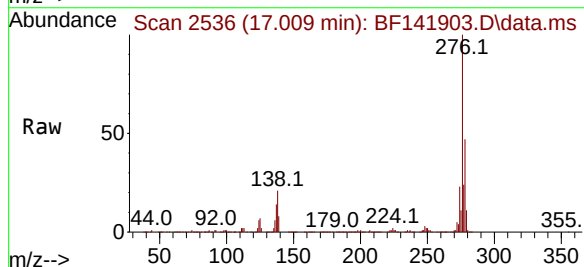
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

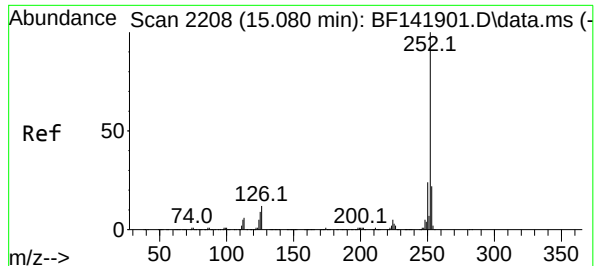
Tgt Ion:264 Resp: 407346
Ion Ratio Lower Upper
264 100
260 23.1 19.1 28.7
265 21.4 17.5 26.3



#87
Indeno(1,2,3-cd)pyrene
Concen: 68.115 ng
RT: 17.009 min Scan# 2536
Delta R.T. 0.012 min
Lab File: BF141903.D
Acq: 10 Mar 2025 13:57

Tgt Ion:276 Resp: 1799372
Ion Ratio Lower Upper
276 100
138 22.7 18.4 27.6
277 25.2 20.3 30.5





#88

Benzo(b)fluoranthene

Concen: 61.481 ng

RT: 15.080 min Scan# 2208

Delta R.T. 0.000 min

Lab File: BF141903.D

Acq: 10 Mar 2025 13:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

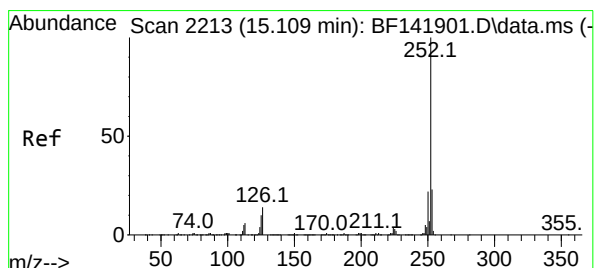
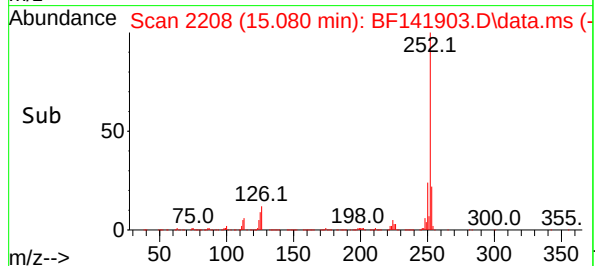
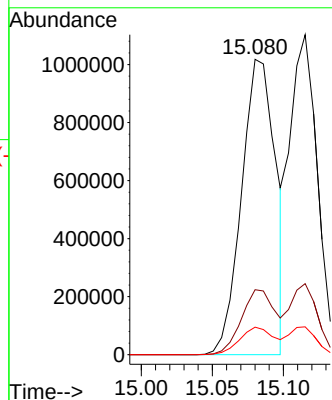
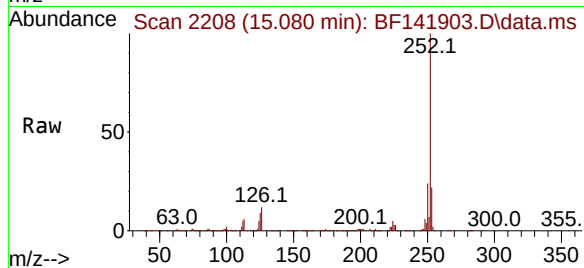
Tgt Ion:252 Resp: 1698744

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 9.3 7.0 10.4



#89

Benzo(k)fluoranthene

Concen: 61.253 ng

RT: 15.115 min Scan# 2214

Delta R.T. 0.006 min

Lab File: BF141903.D

Acq: 10 Mar 2025 13:57

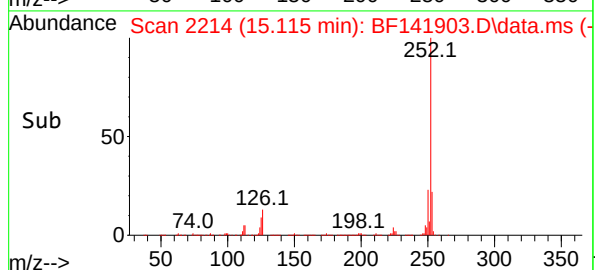
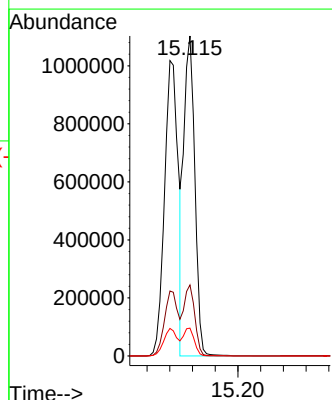
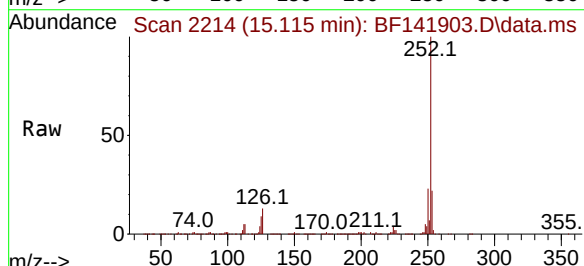
Tgt Ion:252 Resp: 1478389

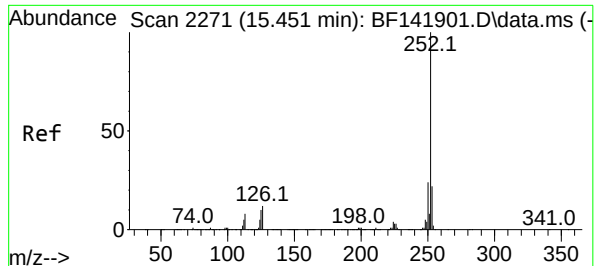
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 8.7 7.2 10.8





#90

Benzo(a)pyrene

Concen: 60.747 ng

RT: 15.451 min Scan# 2271

Delta R.T. 0.000 min

Lab File: BF141903.D

Acq: 10 Mar 2025 13:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

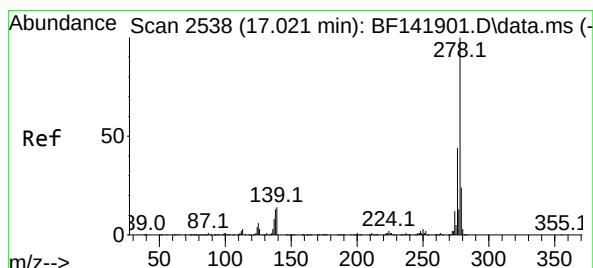
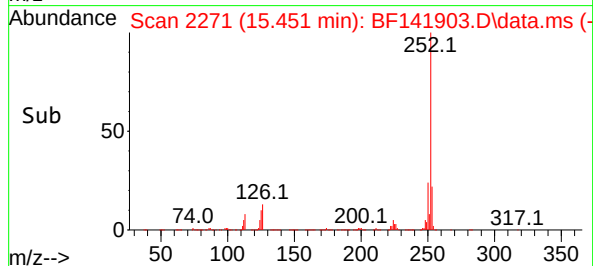
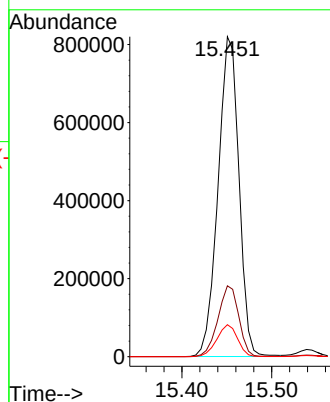
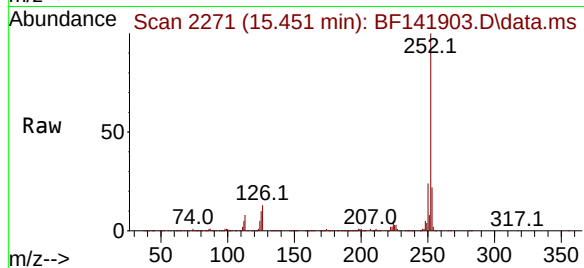
Tgt Ion:252 Resp: 1323726

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 10.0 7.8 11.8



#91

Dibenzo(a,h)anthracene

Concen: 66.981 ng

RT: 17.027 min Scan# 2539

Delta R.T. 0.006 min

Lab File: BF141903.D

Acq: 10 Mar 2025 13:57

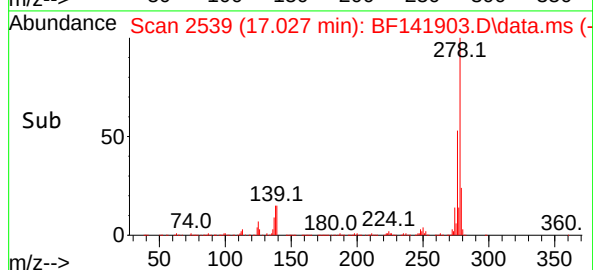
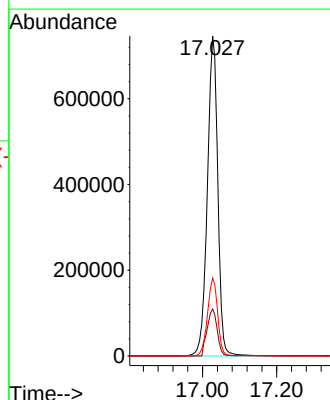
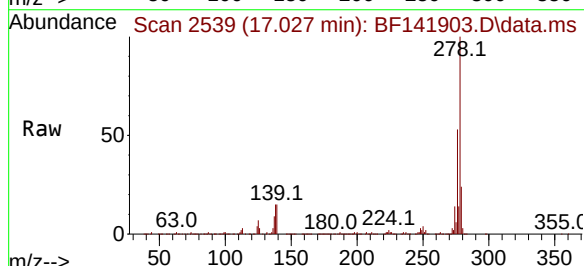
Tgt Ion:278 Resp: 1459934

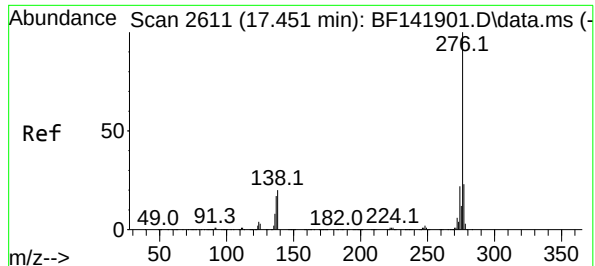
Ion Ratio Lower Upper

278 100

139 14.7 11.4 17.2

279 24.3 18.8 28.2





#92

Benzo(g,h,i)perylene

Concen: 65.942 ng

RT: 17.462 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF141903.D

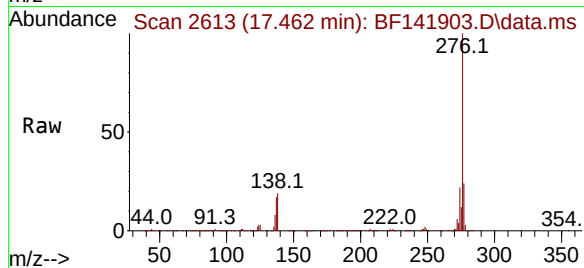
Acq: 10 Mar 2025 13:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



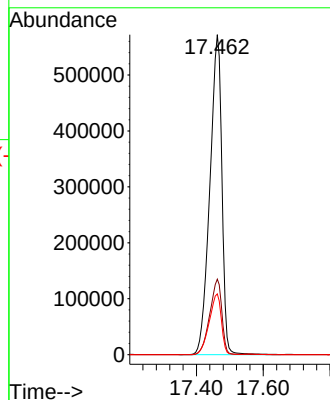
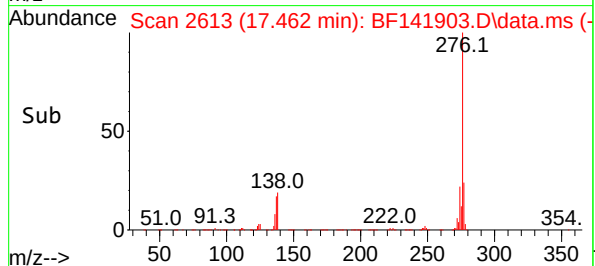
Tgt Ion:276 Resp: 1425582

Ion Ratio Lower Upper

276 100

277 23.6 18.7 28.1

138 19.0 15.8 23.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
 Data File : BF141904.D
 Acq On : 10 Mar 2025 14:27
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/11/2025
 Supervised By :Jagrut Upadhyay 03/11/2025

Quant Time: Mar 10 15:37:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:01:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	214737	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	826030	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	452864	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	738472	20.000	ng	0.00
76) Chrysene-d12	14.045	240	424370	20.000	ng	0.00
86) Perylene-d12	15.510	264	391768	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1930406	149.991	ng	0.00
7) Phenol-d6	6.522	99	2446183	149.235	ng	0.02
23) Nitrobenzene-d5	7.457	82	2335417	158.463	ng	0.01
42) 2,4,6-Tribromophenol	10.716	330	986206	171.858	ng	0.01
45) 2-Fluorobiphenyl	9.245	172	4513418	151.763	ng	0.00
79) Terphenyl-d14	12.992	244	4700026	163.713	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	436007	80.831	ng	98
3) Pyridine	3.440	79	1059473	79.923	ng	99
4) n-Nitrosodimethylamine	3.416	42	521442	82.752	ng	99
6) Aniline	6.563	93	1160437	71.712	ng	99
8) 2-Chlorophenol	6.675	128	1078659	75.616	ng	98
10) Phenol	6.534	94	1285145	74.308	ng	89
11) bis(2-Chloroethyl)ether	6.628	93	968280	74.725	ng	99
12) 1,3-Dichlorobenzene	6.828	146	1173924	76.153	ng	100
13) 1,4-Dichlorobenzene	6.904	146	1181975	75.784	ng	99
14) 1,2-Dichlorobenzene	7.063	146	1093316	74.440	ng	99
15) Benzyl Alcohol	7.034	79	1013314	76.376	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	1127534	72.198	ng	98
17) 2-Methylphenol	7.134	107	876665	77.326	ng	98
18) Hexachloroethane	7.398	117	448765	76.745	ng	96
19) n-Nitroso-di-n-propyla...	7.316	70	783318	74.351	ng	100
20) 3+4-Methylphenols	7.298	107	1050191	72.219	ng	# 84
22) Acetophenone	7.304	105	1496035	75.498	ng	# 95
24) Nitrobenzene	7.475	77	1162753	79.572	ng	100
25) Isophorone	7.722	82	2056405	79.032	ng	100
26) 2-Nitrophenol	7.787	139	599261	83.688	ng	99
27) 2,4-Dimethylphenol	7.822	122	767514	77.821	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	1248549	76.598	ng	100
29) 2,4-Dichlorophenol	8.028	162	971886	79.403	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	1062793	78.705	ng	99
31) Naphthalene	8.192	128	3152444	74.497	ng	99
32) Benzoic acid	7.975	122	795850	92.323	ng	98
33) 4-Chloroaniline	8.239	127	1088546	72.896	ng	100
34) Hexachlorobutadiene	8.304	225	713827	81.299	ng	99
35) Caprolactam	8.639	113	311758m	83.763	ng	
36) 4-Chloro-3-methylphenol	8.716	107	1056917	77.644	ng	99
37) 2-Methylnaphthalene	8.881	142	2129990	75.023	ng	100
38) 1-Methylnaphthalene	8.981	142	2050191	74.568	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	1127671	81.667	ng	98
41) Hexachlorocyclopentadiene	9.028	237	463300	85.031	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	741710	82.399	ng	100
44) 2,4,5-Trichlorophenol	9.198	196	736926	80.579	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
 Data File : BF141904.D
 Acq On : 10 Mar 2025 14:27
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/11/2025
 Supervised By :Jagrut Upadhyay 03/11/2025

Quant Time: Mar 10 15:37:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:01:52 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.345	154	2626697	76.503	ng	99
47) 2-Chloronaphthalene	9.369	162	1992242	77.859	ng	99
48) 2-Nitroaniline	9.463	65	597778	81.326	ng	98
49) Acenaphthylene	9.786	152	2878496	75.877	ng	99
50) Dimethylphthalate	9.657	163	2428843	77.192	ng	100
51) 2,6-Dinitrotoluene	9.710	165	529139	80.867	ng	99
52) Acenaphthene	9.957	154	2085941	77.872	ng	99
53) 3-Nitroaniline	9.881	138	526980	78.435	ng	100
54) 2,4-Dinitrophenol	9.981	184	305399	81.479	ng	# 55
55) Dibenzofuran	10.128	168	2844432	74.474	ng	99
56) 4-Nitrophenol	10.033	139	416153	82.456	ng	97
57) 2,4-Dinitrotoluene	10.116	165	681278	79.099	ng	95
58) Fluorene	10.475	166	2210653	74.974	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	668027	80.507	ng	99
60) Diethylphthalate	10.345	149	2358921	74.681	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	1209021	78.724	ng	97
62) 4-Nitroaniline	10.504	138	502894	77.243	ng	98
63) Azobenzene	10.622	77	2168742	73.911	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	404505	92.396	ng	98
66) n-Nitrosodiphenylamine	10.586	169	1882098	78.895	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	774645	84.232	ng	95
68) Hexachlorobenzene	11.016	284	862357	84.832	ng	97
70) Pentachlorophenol	11.210	266	563030	89.813	ng	100
71) Phenanthrene	11.433	178	3020950	75.649	ng	99
72) Anthracene	11.486	178	3031014	75.653	ng	99
73) Carbazole	11.639	167	2552563	74.002	ng	98
74) Di-n-butylphthalate	11.969	149	3342776	73.399	ng	99
75) Fluoranthene	12.622	202	3005566	71.694	ng	99
77) Benzidine	12.733	184	427770	71.330	ng	99
78) Pyrene	12.851	202	2930115	80.513	ng	99
80) Butylbenzylphthalate	13.463	149	1149989	80.189	ng	99
81) Benzo(a)anthracene	14.033	228	2196935	78.692	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	652678	80.884	ng	99
83) Chrysene	14.074	228	2018832	80.498	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	1573231	79.962	ng	98
85) Di-n-octyl phthalate	14.633	149	2310836	84.386	ng	100
87) Indeno(1,2,3-cd)pyrene	17.009	276	2238588	88.111	ng	99
88) Benzo(b)fluoranthene	15.086	252	2246428	84.536	ng	99
89) Benzo(k)fluoranthene	15.116	252	1631675	70.292	ng	99
90) Benzo(a)pyrene	15.457	252	1725632	82.339	ng	100
91) Dibenzo(a,h)anthracene	17.033	278	1846778	88.098	ng	99
92) Benzo(g,h,i)perylene	17.468	276	1828662	87.950	ng	99

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

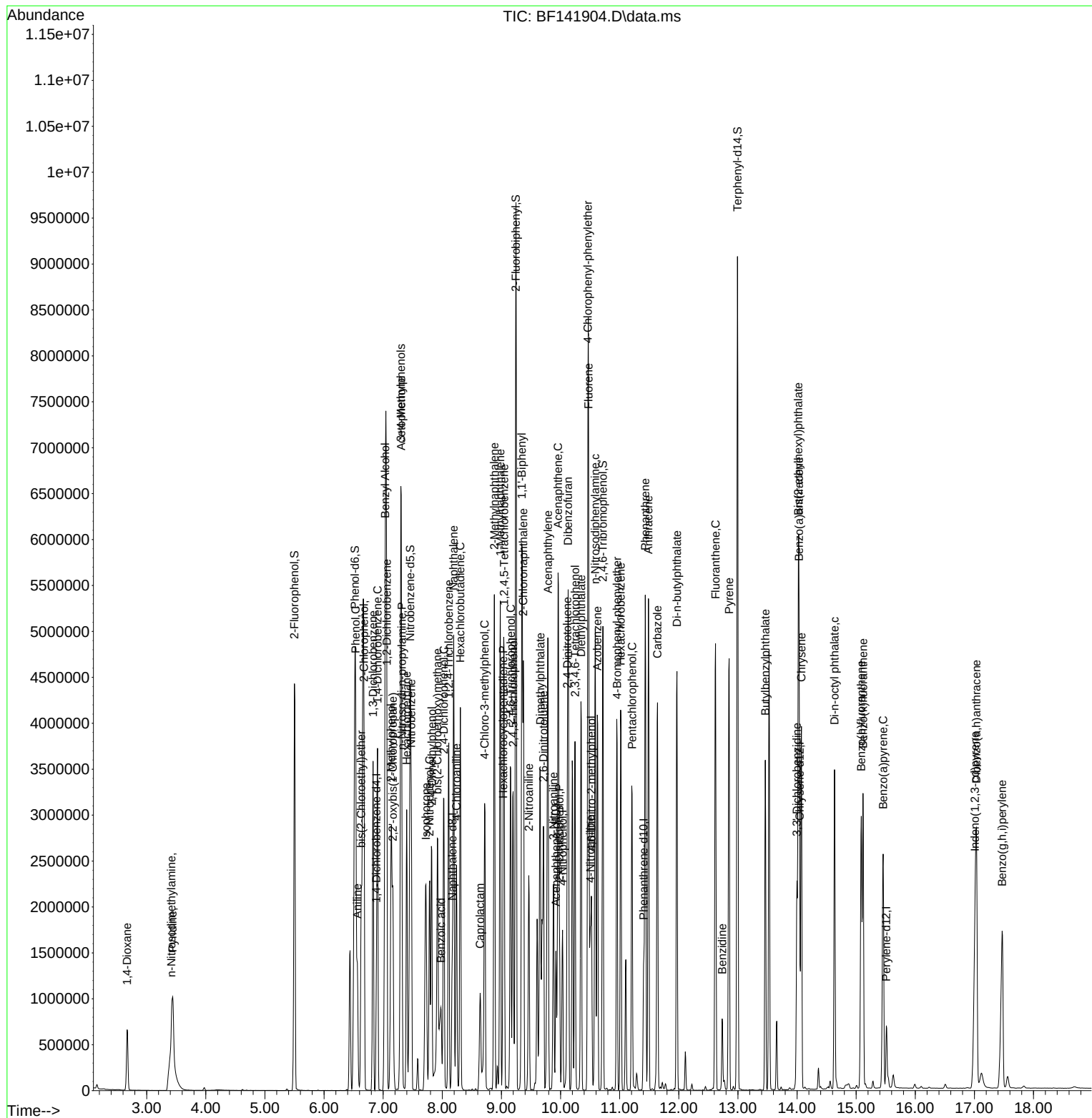
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141904.D
Acq On : 10 Mar 2025 14:27
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

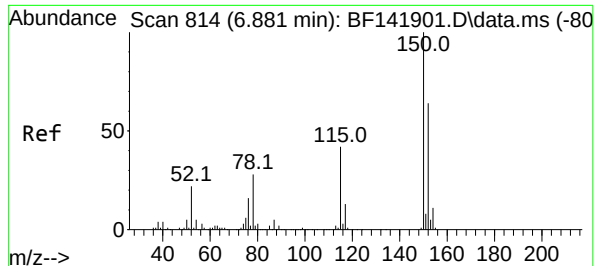
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jaqrut Upadhyay 03/11/2025

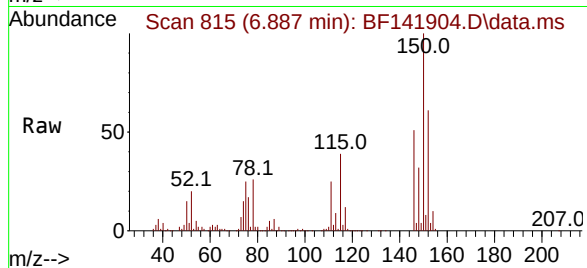
Quant Time: Mar 10 15:37:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:01:52 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 814
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

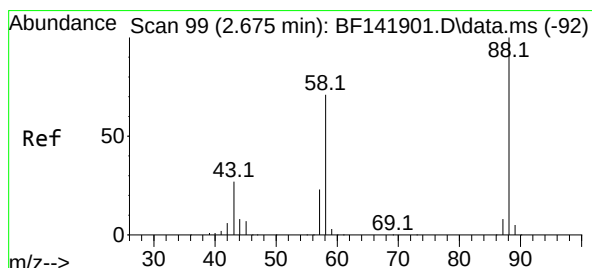
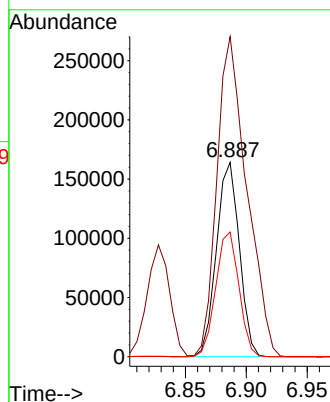
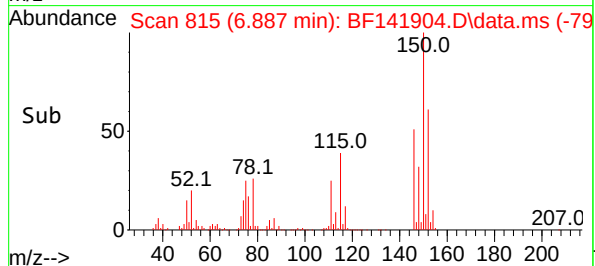
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:152 Resp: 21473
Ion Ratio Lower Upper
152 100
150 164.7 127.4 191.2
115 64.2 51.9 77.9

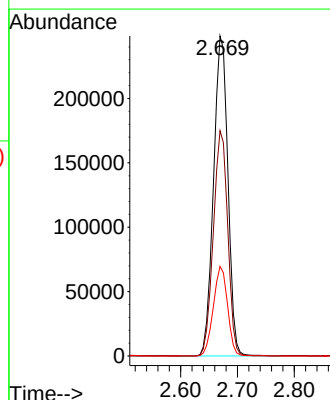
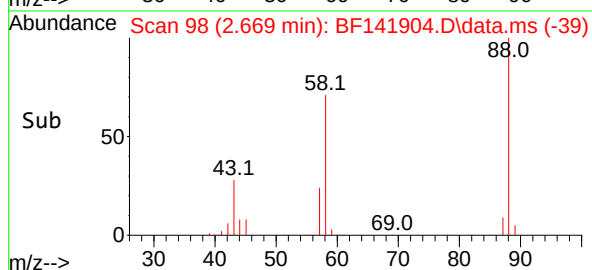
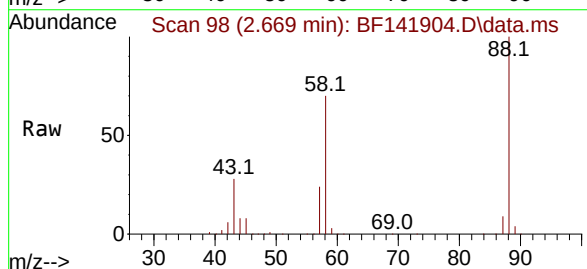
Manual Integrations
APPROVED

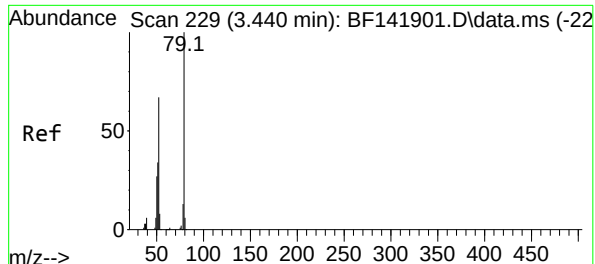
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#2
1,4-Dioxane
Concen: 80.831 ng
RT: 2.669 min Scan# 98
Delta R.T. -0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion: 88 Resp: 436007
Ion Ratio Lower Upper
88 100
58 70.3 57.4 86.2
43 27.6 21.5 32.3





#3

Pyridine

Concen: 79.923 ng

RT: 3.440 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF141904.D

Acq: 10 Mar 2025 14:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 79 Resp: 105947

Ion Ratio Lower Upper

79 100

52 66.9 53.3 79.9

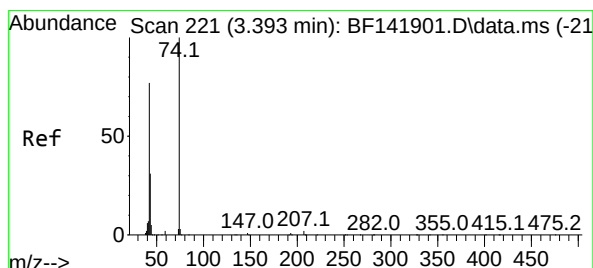
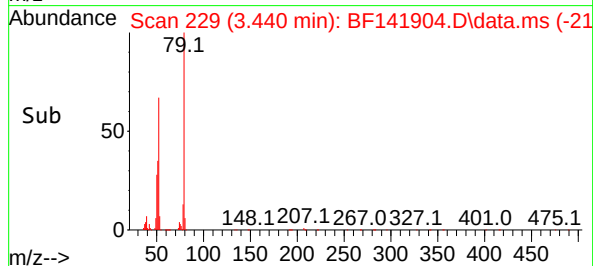
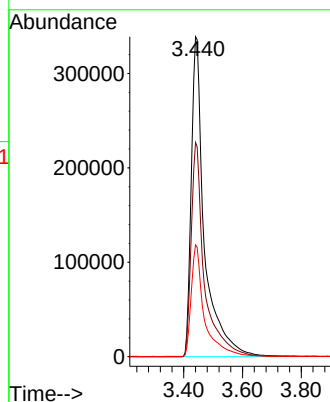
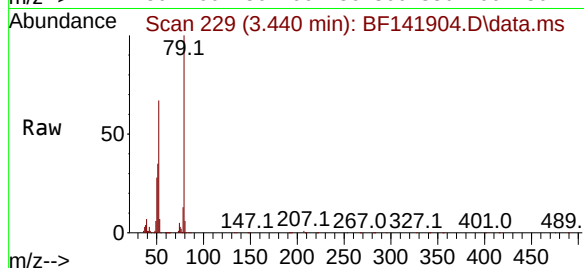
51 35.0 27.6 41.4

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/11/2025

Supervised By :Jagrut Upadhyay 03/11/2025



#4

n-Nitrosodimethylamine

Concen: 82.752 ng

RT: 3.416 min Scan# 225

Delta R.T. 0.024 min

Lab File: BF141904.D

Acq: 10 Mar 2025 14:27

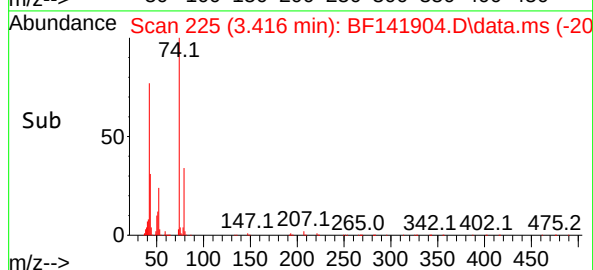
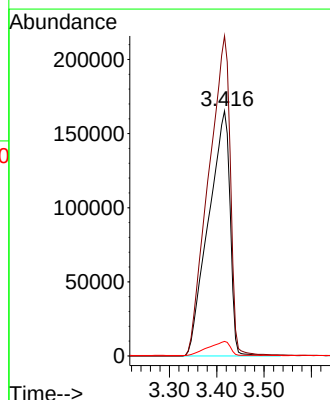
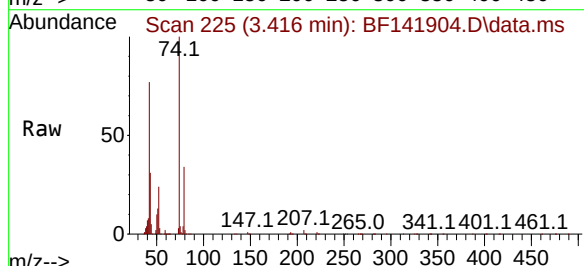
Tgt Ion: 42 Resp: 521442

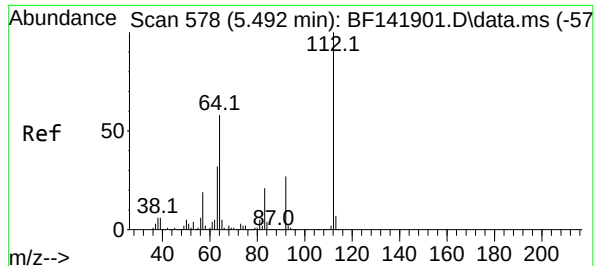
Ion Ratio Lower Upper

42 100

74 130.6 103.4 155.0

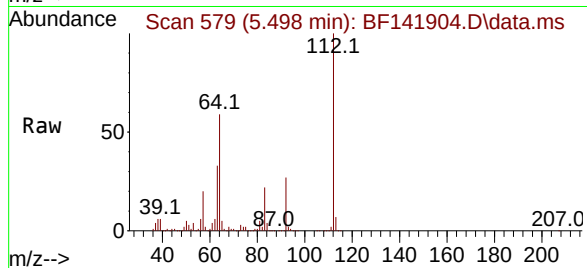
44 6.0 5.0 7.4





#5
2-Fluorophenol
Concen: 149.991 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

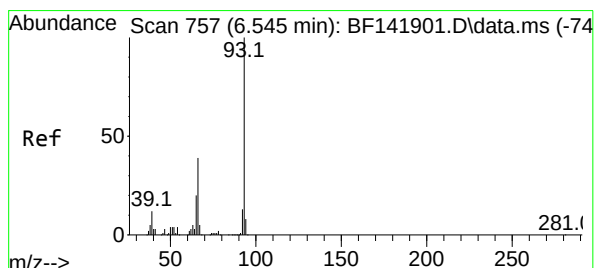
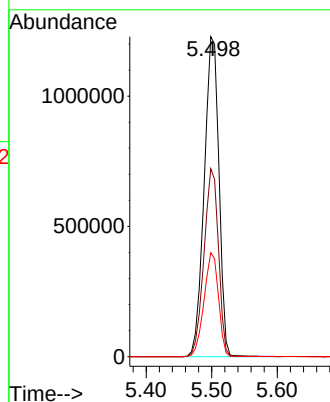
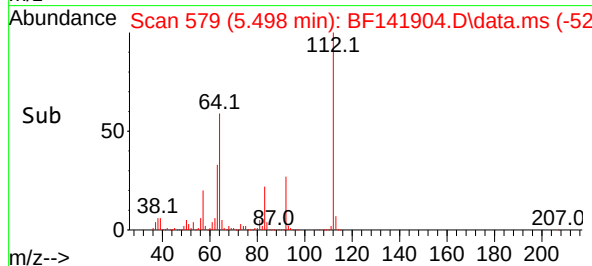
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:112 Resp: 1930400
Ion Ratio Lower Upper
112 100
64 58.7 46.5 69.7
63 32.5 25.4 38.2

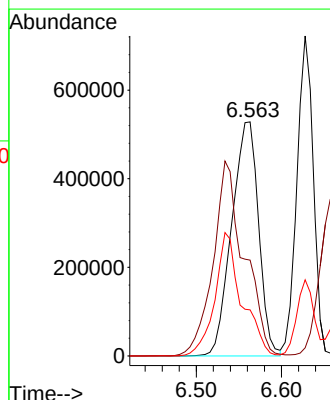
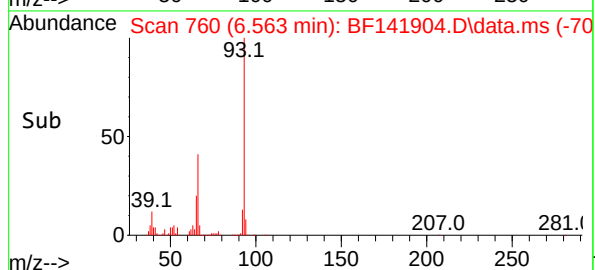
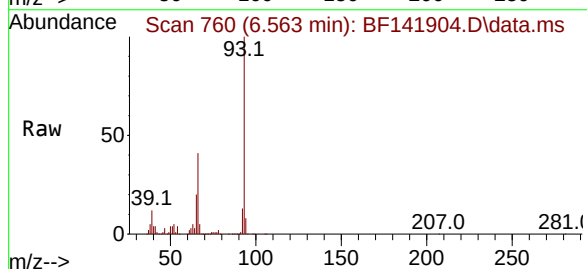
Manual Integrations
APPROVED

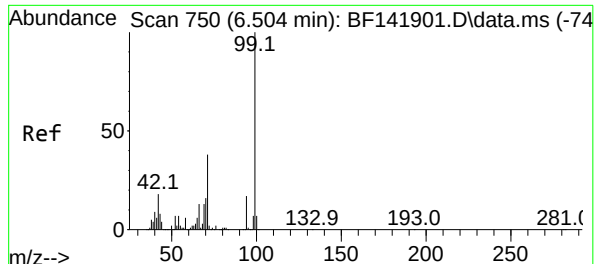
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#6
Aniline
Concen: 71.712 ng
RT: 6.563 min Scan# 760
Delta R.T. 0.018 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

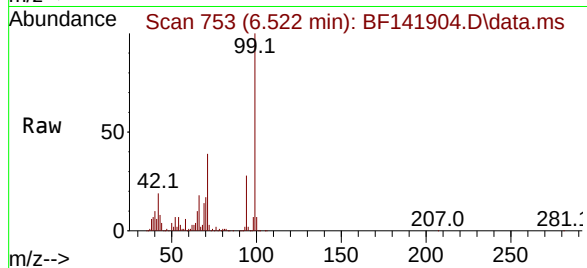
Tgt Ion: 93 Resp: 1160437
Ion Ratio Lower Upper
93 100
66 40.9 31.9 47.9
65 19.7 15.8 23.6





#7
Phenol-d6
Concen: 149.235 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.018 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

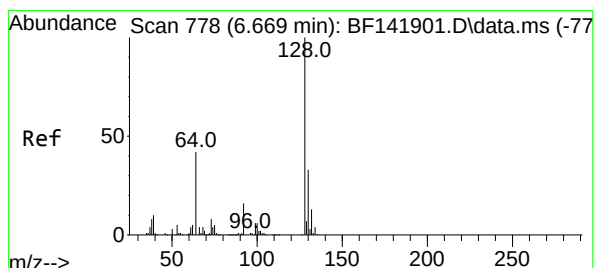
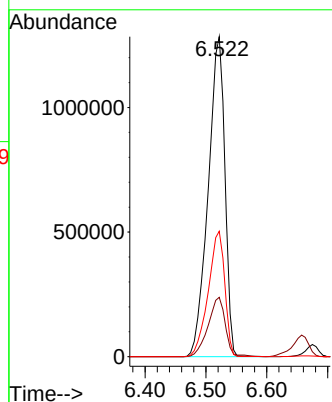
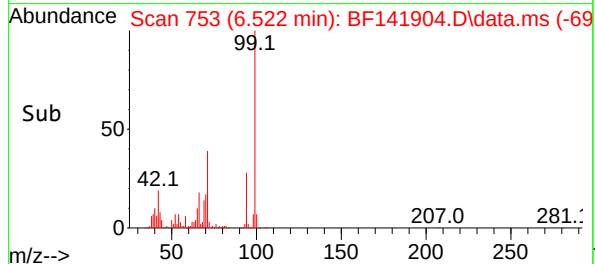
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion: 99 Resp: 244618
Ion Ratio Lower Upper
99 100
42 18.5 14.6 21.8
71 39.2 30.8 46.2

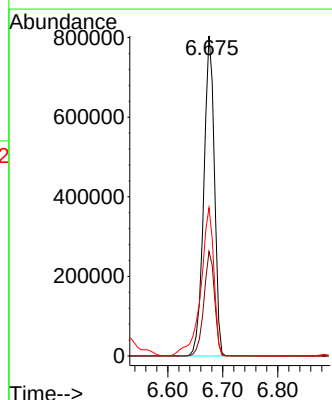
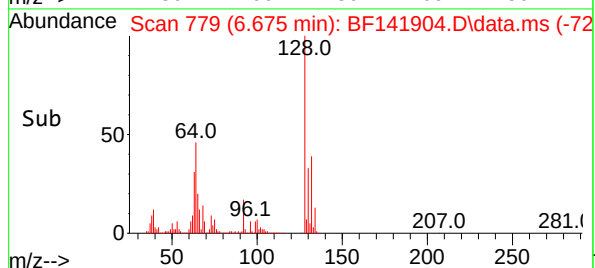
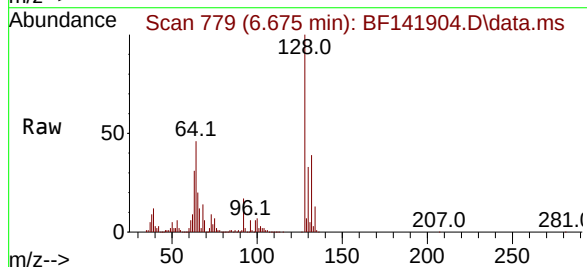
Manual Integrations
APPROVED

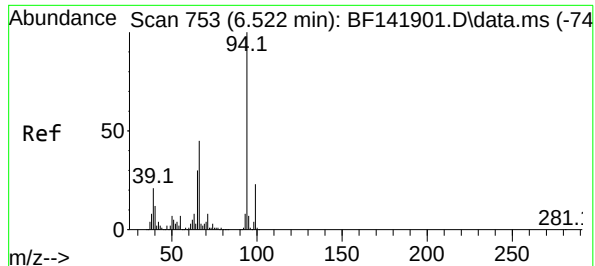
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#8
2-Chlorophenol
Concen: 75.616 ng
RT: 6.675 min Scan# 779
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

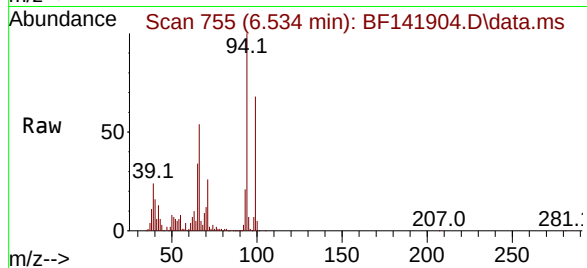
Tgt Ion:128 Resp: 1078659
Ion Ratio Lower Upper
128 100
130 32.7 12.8 52.8
64 46.4 24.4 64.4





#10
Phenol
Concen: 74.308 ng
RT: 6.534 min Scan# 710
Delta R.T. 0.012 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

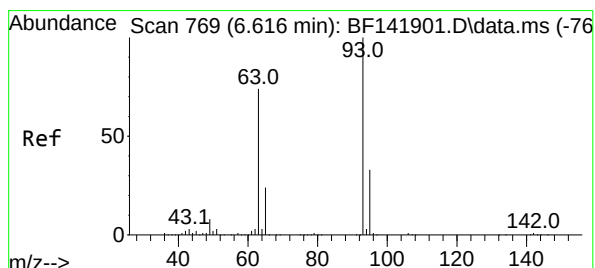
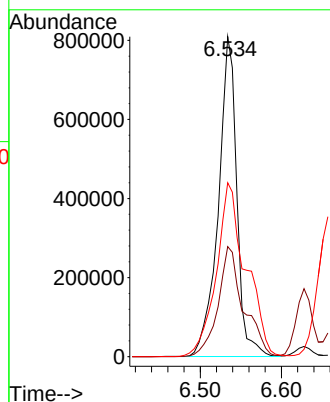
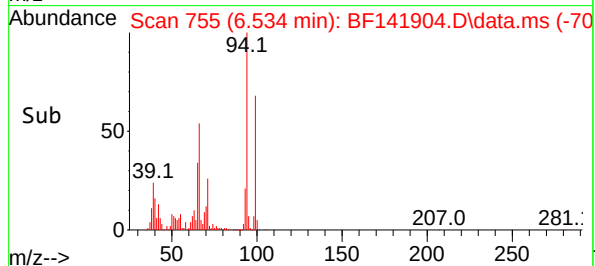
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion: 94 Resp: 128514
Ion Ratio Lower Upper
94 100
65 34.4 10.5 50.5
66 54.3 25.8 65.8

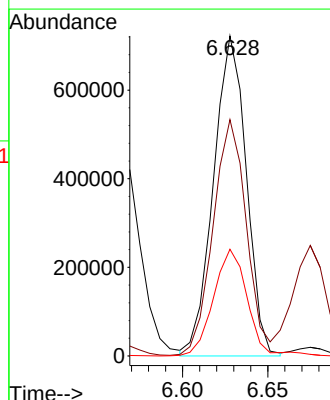
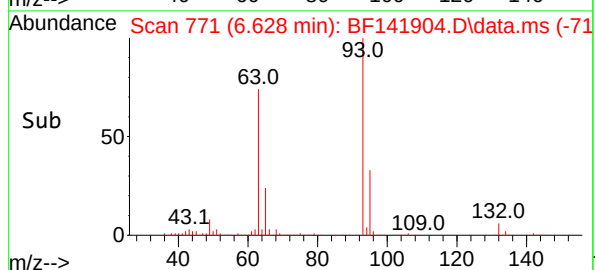
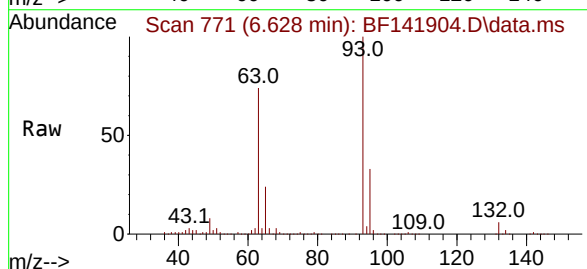
Manual Integrations
APPROVED

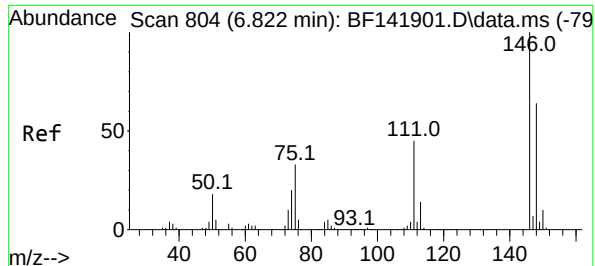
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#11
bis(2-Chloroethyl)ether
Concen: 74.725 ng
RT: 6.628 min Scan# 771
Delta R.T. 0.012 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion: 93 Resp: 968280
Ion Ratio Lower Upper
93 100
63 73.9 53.0 93.0
95 33.4 12.9 52.9





#12

1,3-Dichlorobenzene

Concen: 76.153 ng

RT: 6.828 min Scan# 804

Delta R.T. 0.006 min

Lab File: BF141904.D

Acq: 10 Mar 2025 14:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 1173924

Ion Ratio Lower Upper

146 100

148 64.2 51.3 76.9

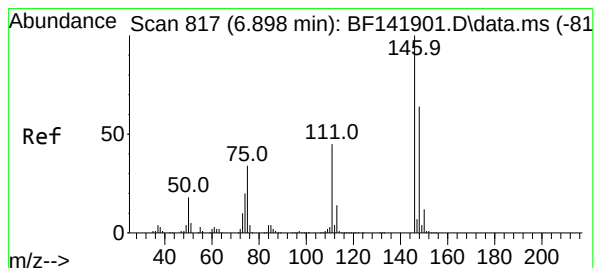
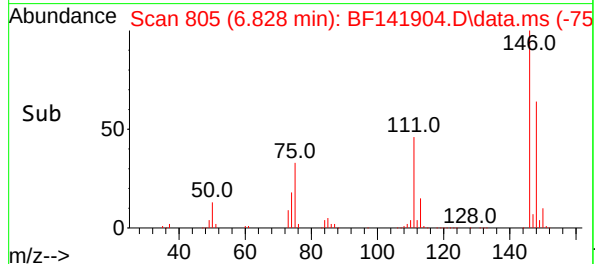
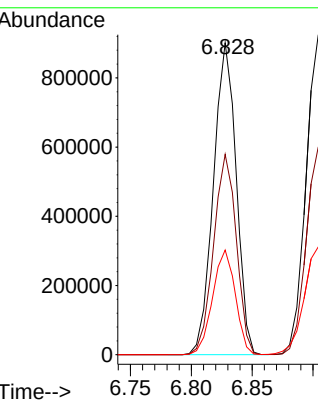
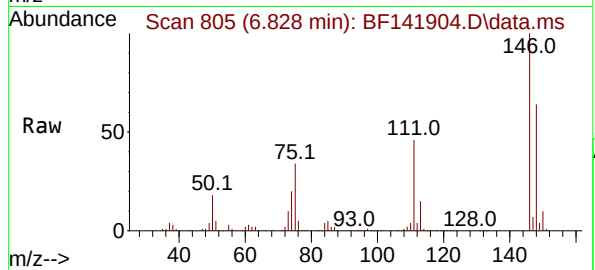
75 33.6 26.6 40.0

Manual Integrations

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Reviewed By :Anahy Claudio 03/11/2025

Supervised By :Jagrut Upadhyay 03/11/2025



#13

1,4-Dichlorobenzene

Concen: 75.784 ng

RT: 6.904 min Scan# 818

Delta R.T. 0.006 min

Lab File: BF141904.D

Acq: 10 Mar 2025 14:27

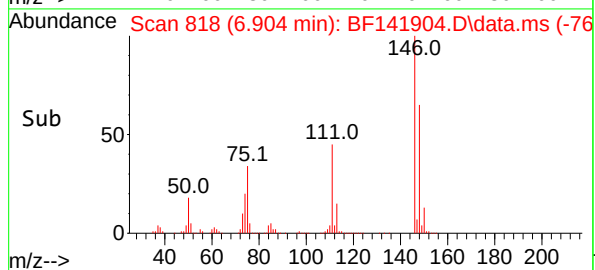
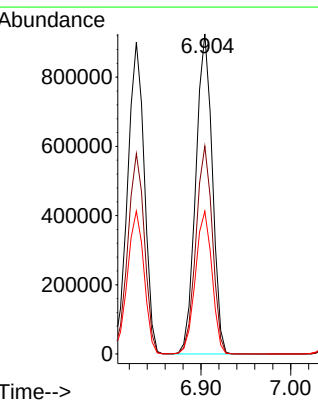
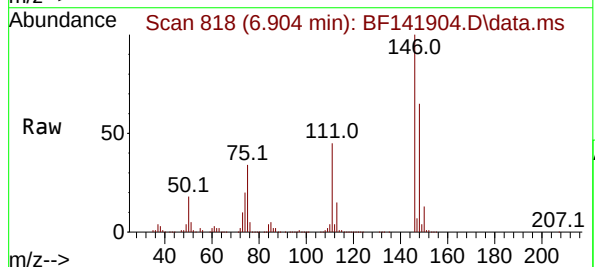
Tgt Ion:146 Resp: 1181975

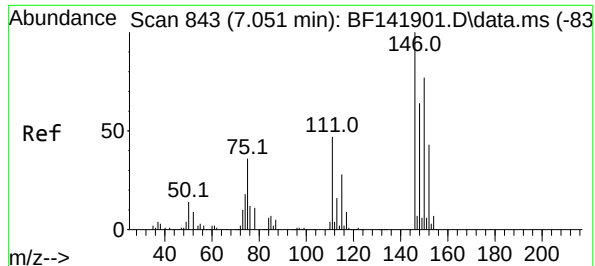
Ion Ratio Lower Upper

146 100

148 64.9 51.0 76.6

111 44.6 35.7 53.5





#14

1,2-Dichlorobenzene

Concen: 74.440 ng

RT: 7.063 min Scan# 84

Delta R.T. 0.012 min

Lab File: BF141904.D

Acq: 10 Mar 2025 14:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 1093310

Ion Ratio Lower Upper

146 100

148 64.1 50.8 76.2

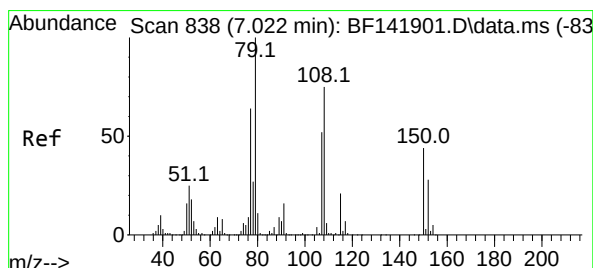
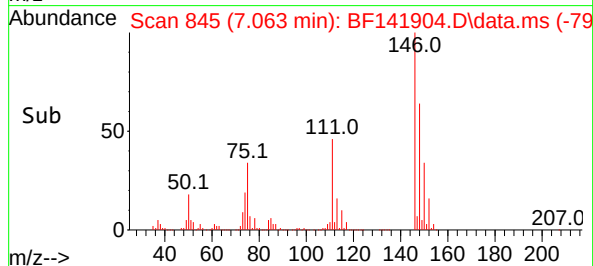
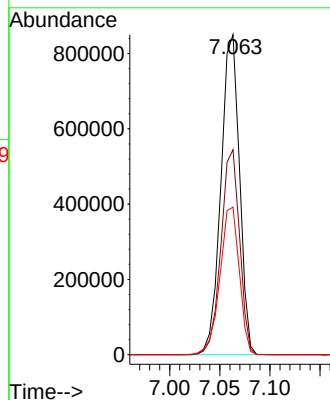
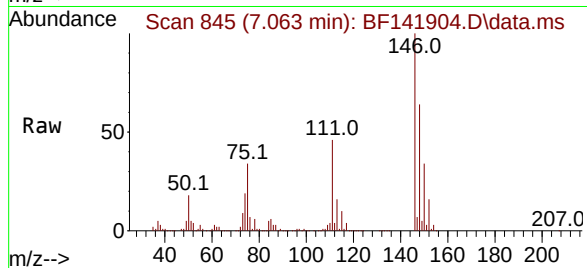
111 46.1 38.0 57.0

Manual Integrations

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Reviewed By :Anahy Claudio 03/11/2025

Supervised By :Jagrut Upadhyay 03/11/2025



#15

Benzyl Alcohol

Concen: 76.376 ng

RT: 7.034 min Scan# 840

Delta R.T. 0.012 min

Lab File: BF141904.D

Acq: 10 Mar 2025 14:27

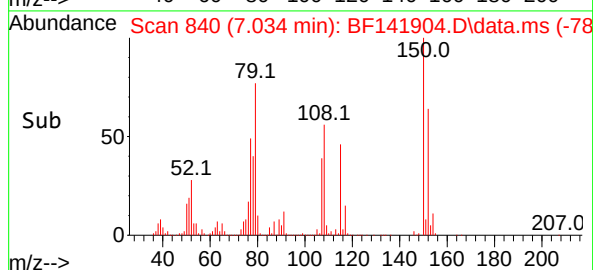
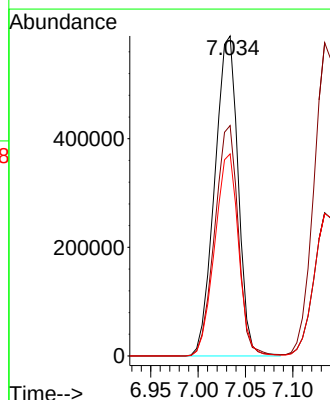
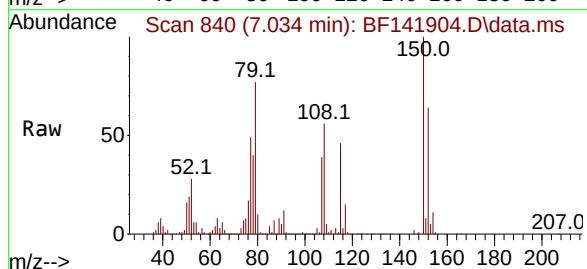
Tgt Ion: 79 Resp: 1013314

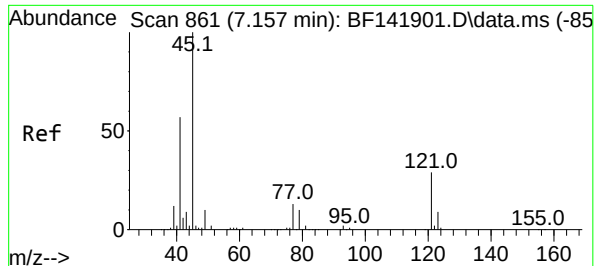
Ion Ratio Lower Upper

79 100

108 72.0 59.7 89.5

77 63.1 51.0 76.6





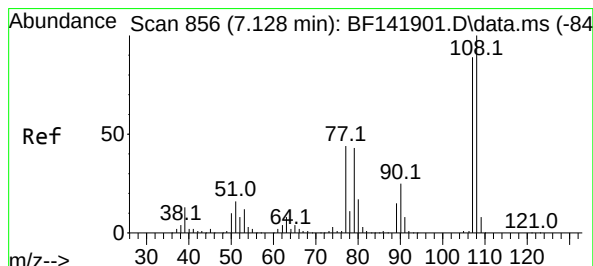
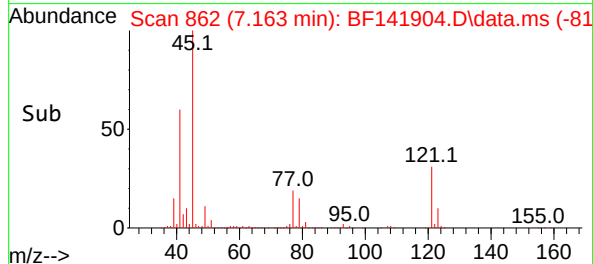
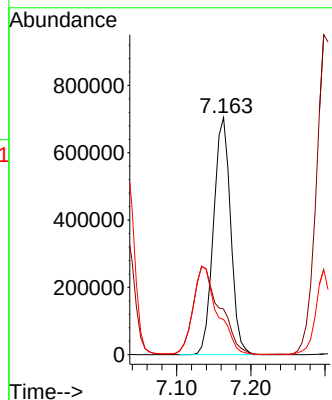
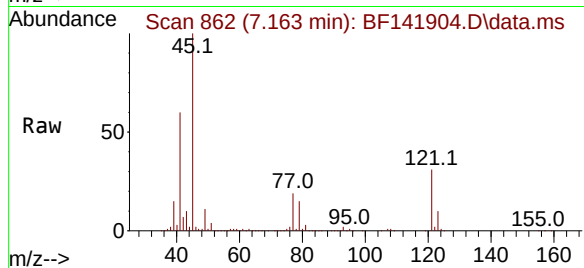
#16
2,2'-oxybis(1-Chloropropane)
Concen: 72.198 ng
RT: 7.163 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 45 Resp: 1127534
Ion Ratio Lower Upper
45 100
77 19.3 0.0 37.8
79 14.8 0.0 34.2

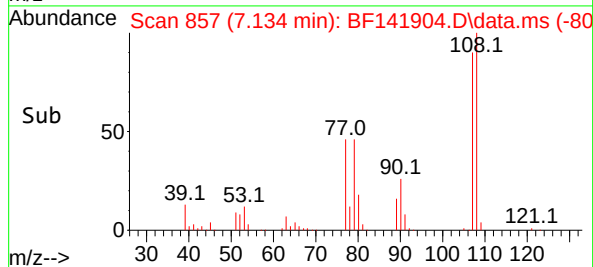
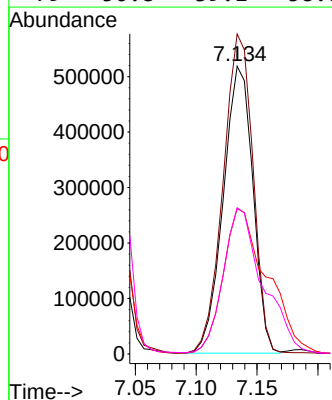
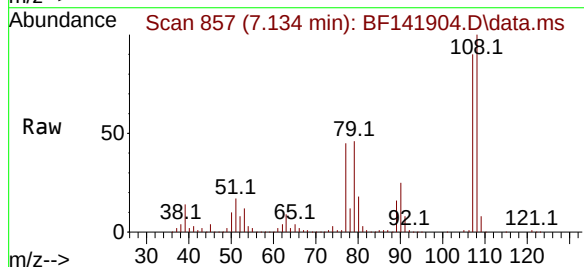
Manual Integrations
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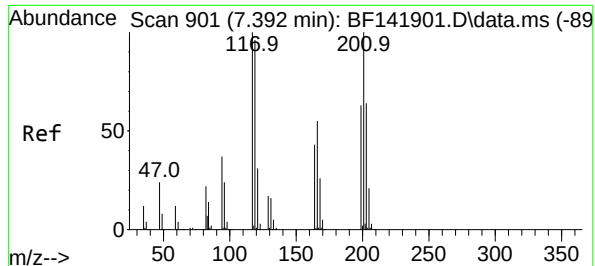
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#17
2-Methylphenol
Concen: 77.326 ng
RT: 7.134 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

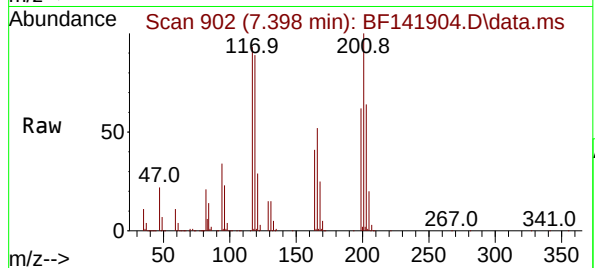
Tgt Ion:107 Resp: 876665
Ion Ratio Lower Upper
107 100
108 111.3 90.2 135.2
77 50.5 39.6 59.4
79 50.8 39.1 58.7





#18
Hexachloroethane
Concen: 76.745 ng
RT: 7.398 min Scan# 901
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

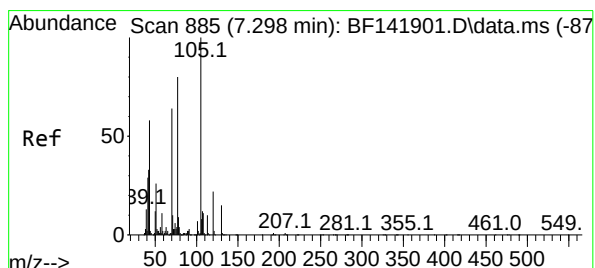
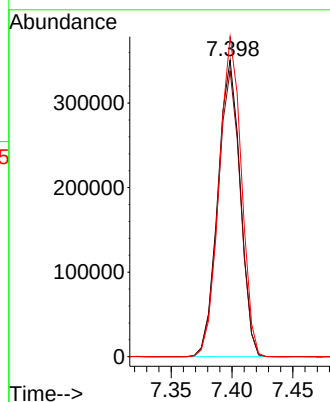
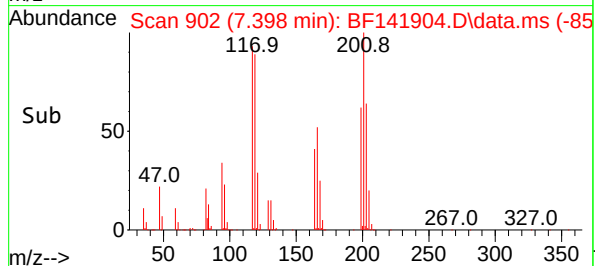
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:117 Resp: 448765
Ion Ratio Lower Upper
117 100
119 96.4 76.9 115.3
201 107.9 79.9 119.9

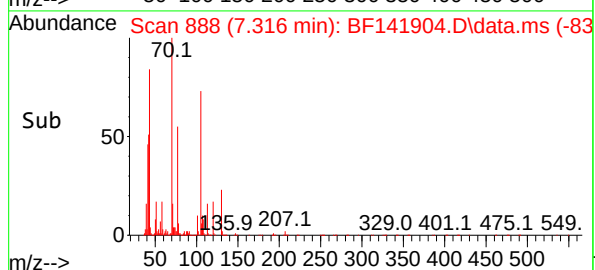
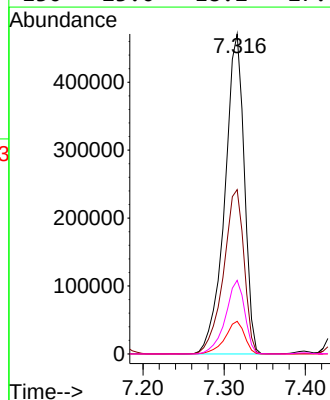
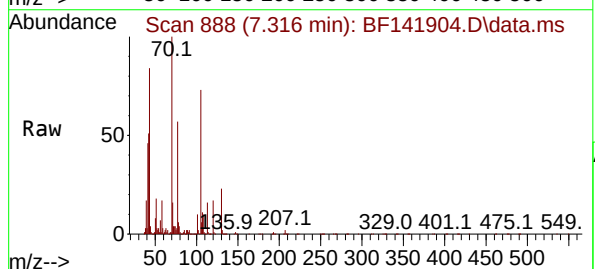
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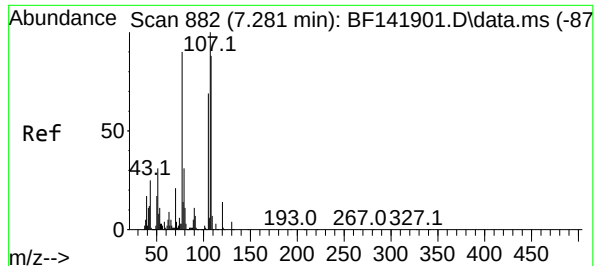
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#19
n-Nitroso-di-n-propylamine
Concen: 74.351 ng
RT: 7.316 min Scan# 888
Delta R.T. 0.018 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion: 70 Resp: 783318
Ion Ratio Lower Upper
70 100
42 51.4 41.4 62.0
101 10.2 8.2 12.2
130 23.0 18.2 27.4





#20

3+4-Methylphenols

Concen: 72.219 ng

RT: 7.298 min Scan# 80

Delta R.T. 0.018 min

Lab File: BF141904.D

Acq: 10 Mar 2025 14:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:107 Resp: 105019

Ion Ratio Lower Upper

107 100

108 89.5 68.4 108.4

77 123.4 69.7 109.7

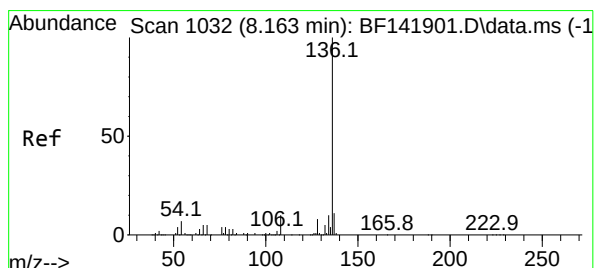
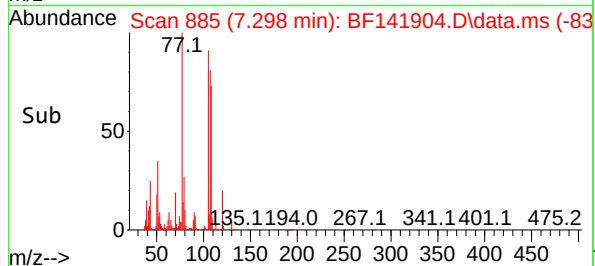
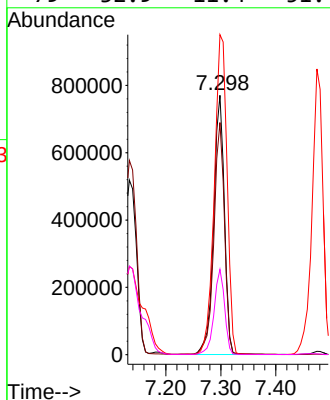
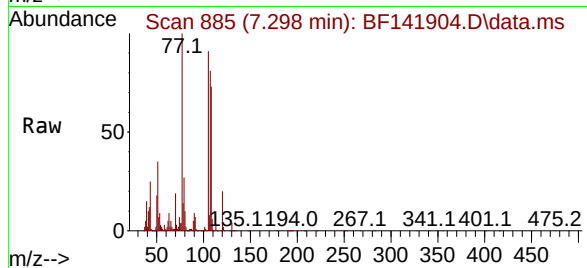
79 32.9 11.4 51.4

Manual Integrations

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Reviewed By :Anahy Claudio 03/11/2025

Supervised By :Jagrut Upadhyay 03/11/2025



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 1033

Delta R.T. 0.006 min

Lab File: BF141904.D

Acq: 10 Mar 2025 14:27

Tgt Ion:136 Resp: 826030

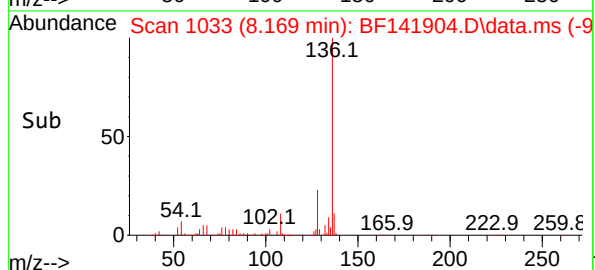
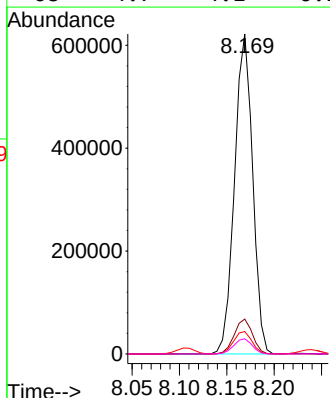
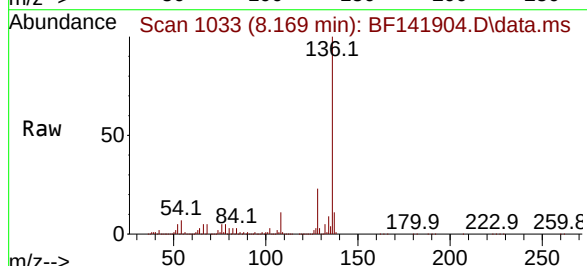
Ion Ratio Lower Upper

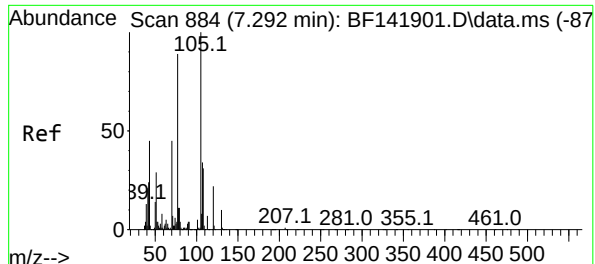
136 100

137 10.9 8.8 13.2

54 7.0 5.8 8.8

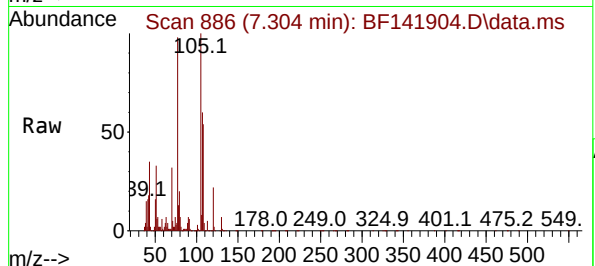
68 4.7 4.1 6.1





#22
Acetophenone
Concen: 75.498 ng
RT: 7.304 min Scan# 884
Delta R.T. 0.012 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

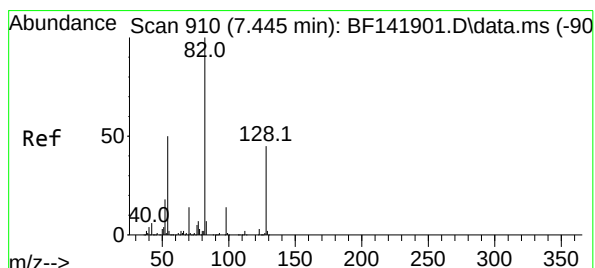
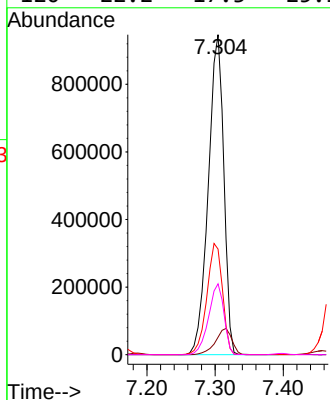
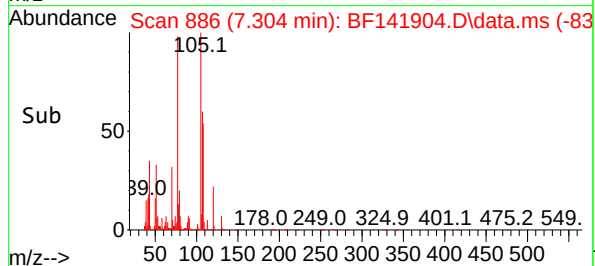
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion: 105 Resp: 1496035
Ion Ratio Lower Upper
105 100
71 5.4 5.8 8.8
51 33.0 23.4 35.0
120 22.2 17.3 25.9

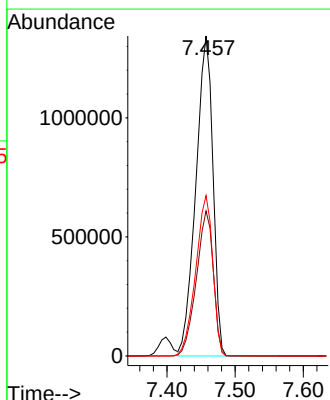
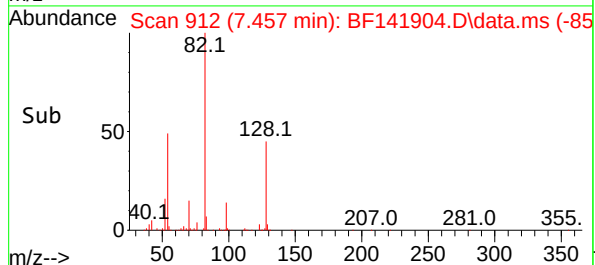
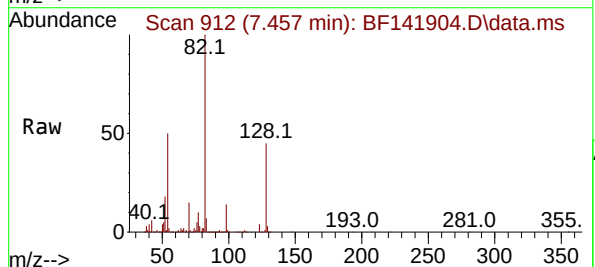
Manual Integrations
APPROVED

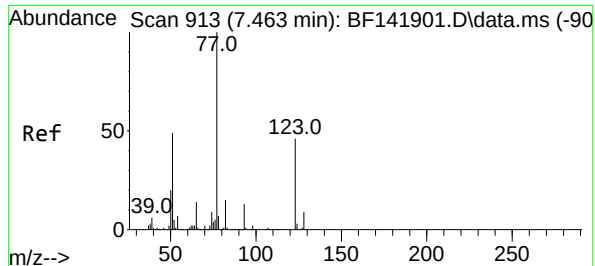
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#23
Nitrobenzene-d5
Concen: 158.463 ng
RT: 7.457 min Scan# 912
Delta R.T. 0.012 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion: 82 Resp: 2335417
Ion Ratio Lower Upper
82 100
128 45.3 36.0 54.0
54 50.1 39.6 59.4





#24

Nitrobenzene

Concen: 79.572 ng

RT: 7.475 min Scan# 913

Delta R.T. 0.012 min

Lab File: BF141904.D

Acq: 10 Mar 2025 14:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 77 Resp: 116275

Ion Ratio Lower Upper

77 100

123 46.2 37.0 55.4

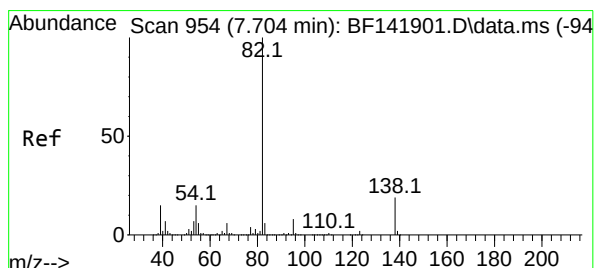
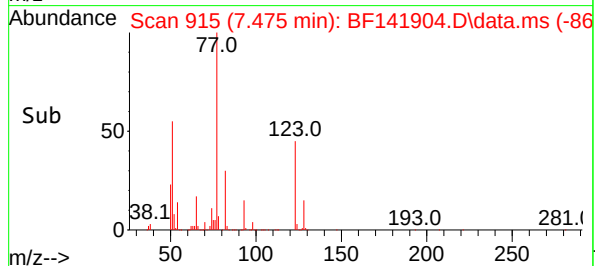
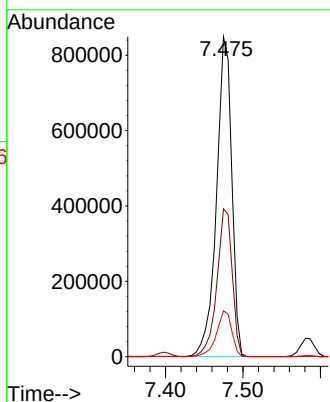
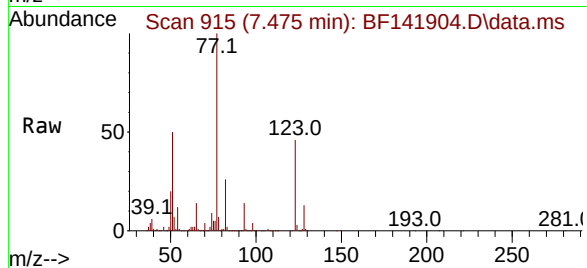
65 14.4 11.3 16.9

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/11/2025

Supervised By :Jagrut Upadhyay 03/11/2025



#25

Isophorone

Concen: 79.032 ng

RT: 7.722 min Scan# 957

Delta R.T. 0.018 min

Lab File: BF141904.D

Acq: 10 Mar 2025 14:27

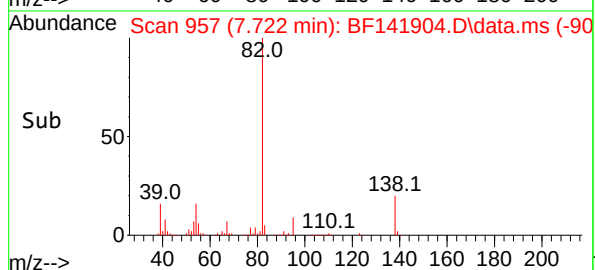
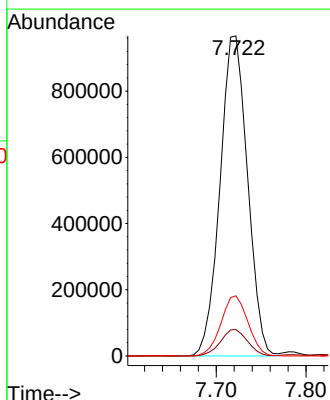
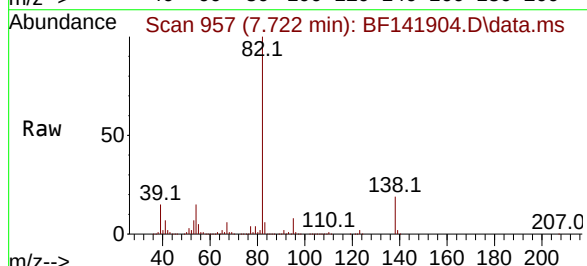
Tgt Ion: 82 Resp: 2056405

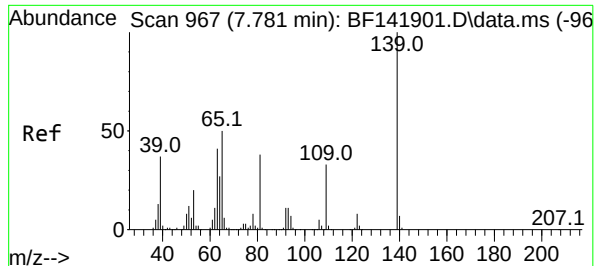
Ion Ratio Lower Upper

82 100

95 8.2 6.4 9.6

138 18.8 14.9 22.3





#26

2-Nitrophenol

Concen: 83.688 ng

RT: 7.787 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF141904.D

Acq: 10 Mar 2025 14:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:139 Resp: 59926

Ion Ratio Lower Upper

139 100

109 34.4 26.5 39.7

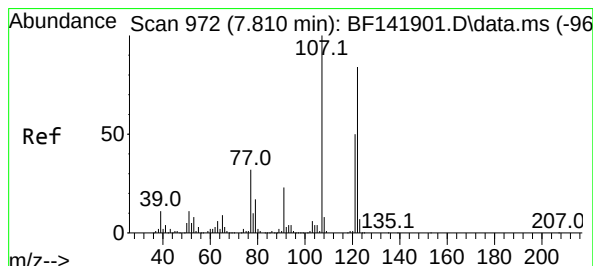
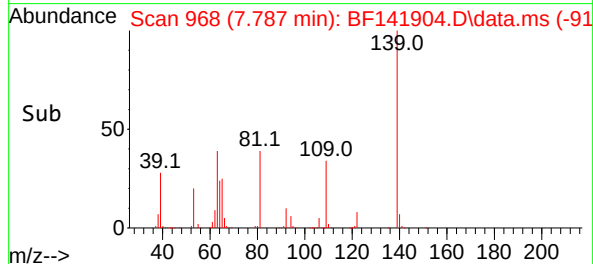
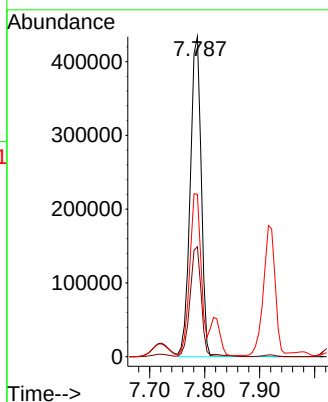
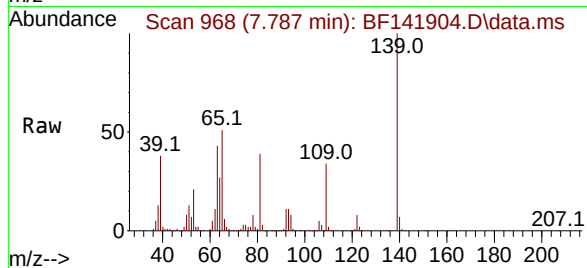
65 50.8 40.3 60.5

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/11/2025

Supervised By :Jagrut Upadhyay 03/11/2025



#27

2,4-Dimethylphenol

Concen: 77.821 ng

RT: 7.822 min Scan# 974

Delta R.T. 0.012 min

Lab File: BF141904.D

Acq: 10 Mar 2025 14:27

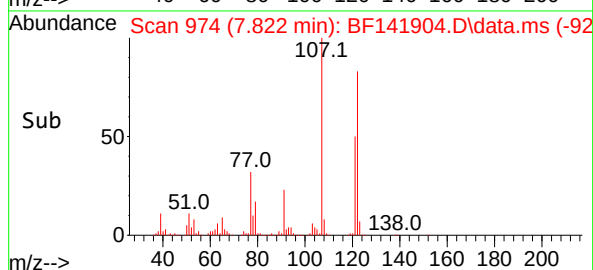
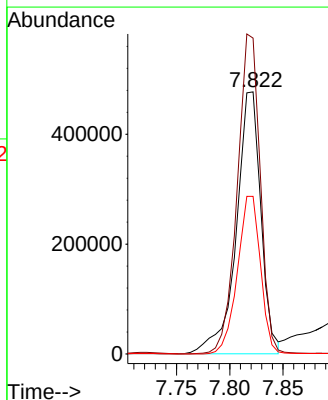
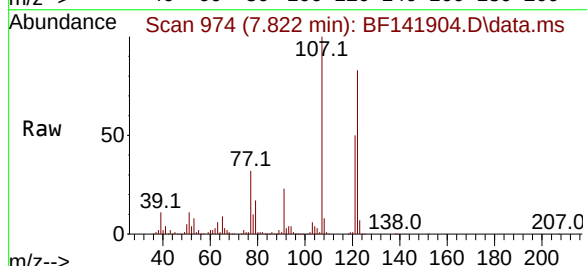
Tgt Ion:122 Resp: 767514

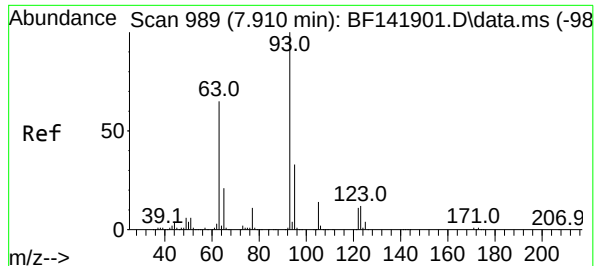
Ion Ratio Lower Upper

122 100

107 120.5 94.8 142.2

121 60.1 47.8 71.6





#28

bis(2-Chloroethoxy)methane

Concen: 76.598 ng

RT: 7.916 min Scan# 989

Delta R.T. 0.006 min

Lab File: BF141904.D

Acq: 10 Mar 2025 14:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 93 Resp: 1248549

Ion Ratio Lower Upper

93 100

95 33.2 26.6 40.0

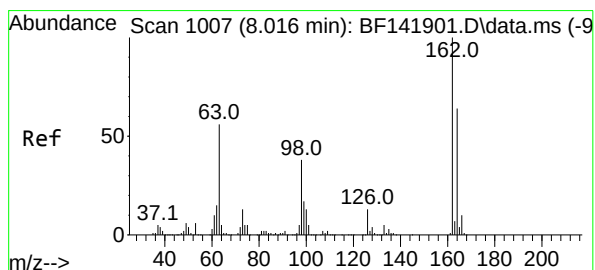
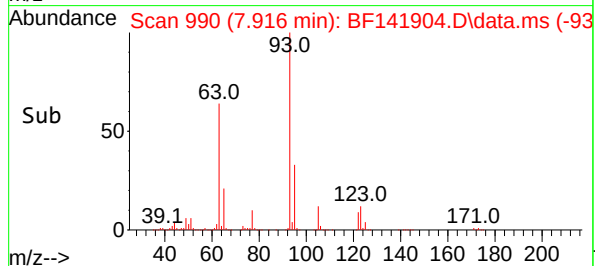
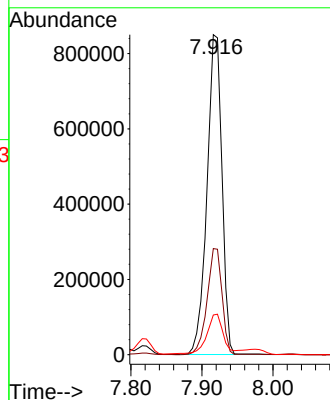
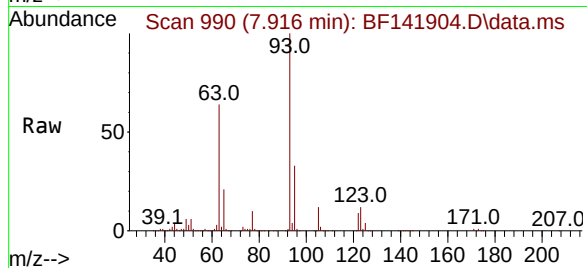
123 12.4 10.2 15.4

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/11/2025

Supervised By :Jagrut Upadhyay 03/11/2025



#29

2,4-Dichlorophenol

Concen: 79.403 ng

RT: 8.028 min Scan# 1009

Delta R.T. 0.012 min

Lab File: BF141904.D

Acq: 10 Mar 2025 14:27

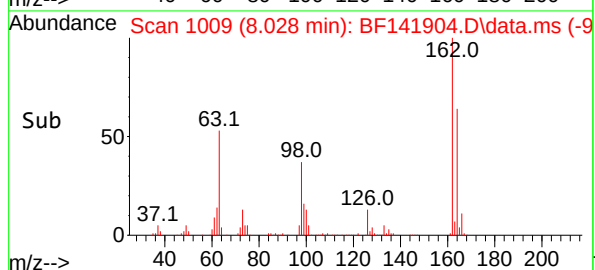
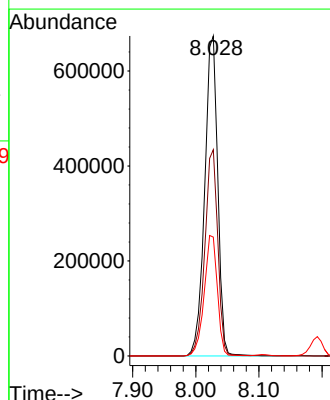
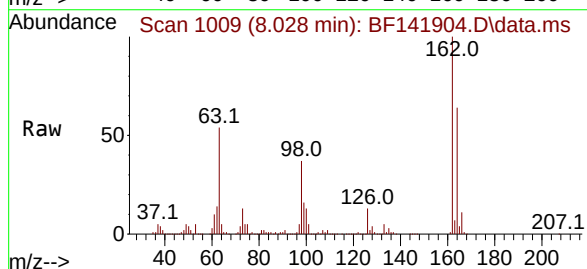
Tgt Ion:162 Resp: 971886

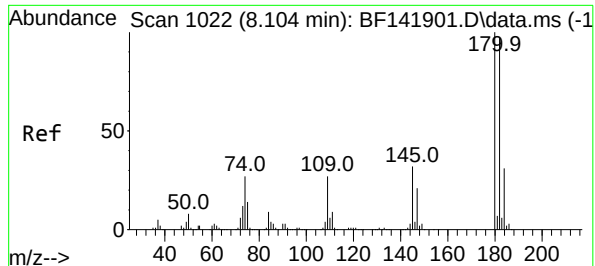
Ion Ratio Lower Upper

162 100

164 64.4 43.8 83.8

98 37.1 18.1 58.1





#30

1,2,4-Trichlorobenzene

Concen: 78.705 ng

RT: 8.110 min Scan# 1022

Delta R.T. 0.006 min

Lab File: BF141904.D

Acq: 10 Mar 2025 14:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:180 Resp: 106279

Ion Ratio Lower Upper

180 100

182 96.1 77.5 116.3

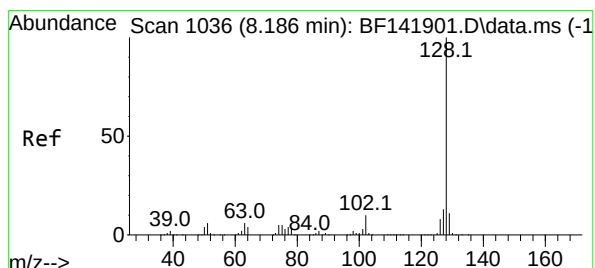
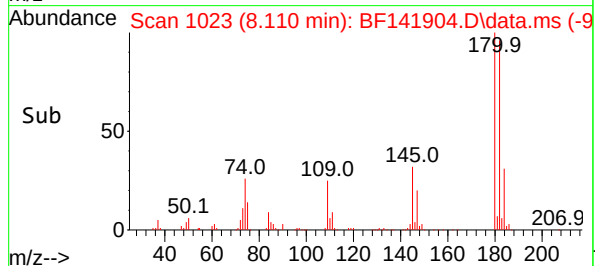
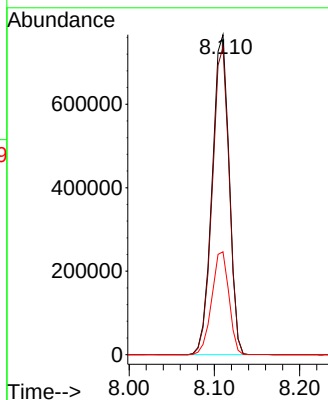
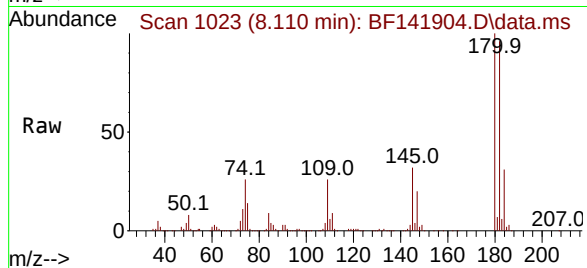
145 32.2 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/11/2025

Supervised By :Jagrut Upadhyay 03/11/2025



#31

Naphthalene

Concen: 74.497 ng

RT: 8.192 min Scan# 1037

Delta R.T. 0.006 min

Lab File: BF141904.D

Acq: 10 Mar 2025 14:27

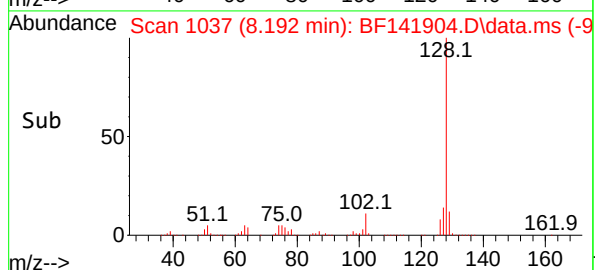
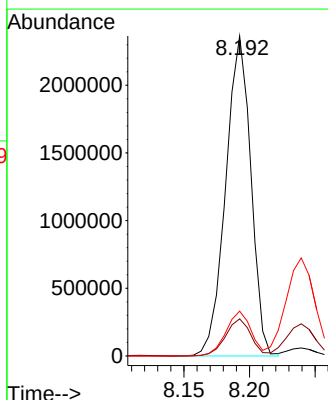
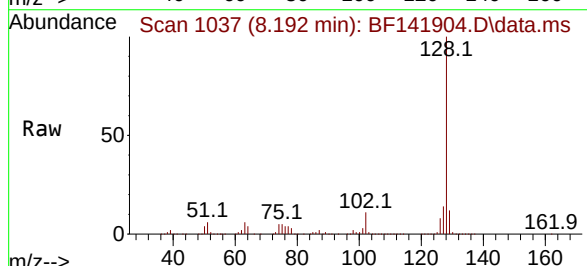
Tgt Ion:128 Resp: 3152444

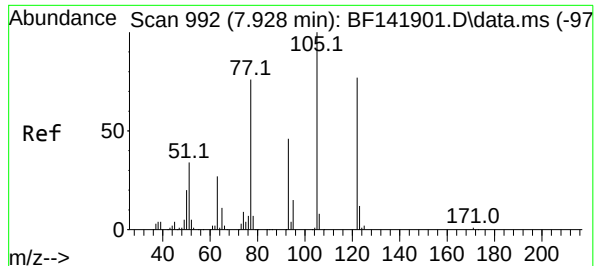
Ion Ratio Lower Upper

128 100

129 11.6 9.0 13.6

127 14.0 10.8 16.2





#32

Benzoic acid

Concen: 92.323 ng

RT: 7.975 min Scan# 1000

Delta R.T. 0.047 min

Lab File: BF141904.D

Acq: 10 Mar 2025 14:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:122 Resp: 795850

Ion Ratio Lower Upper

122 100

105 131.3 107.9 147.9

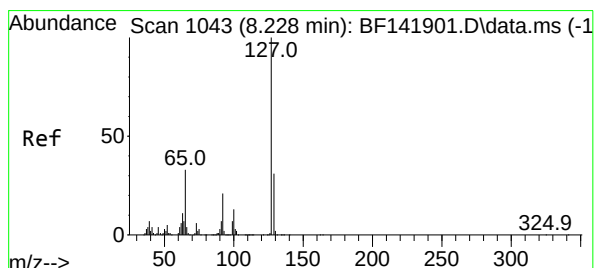
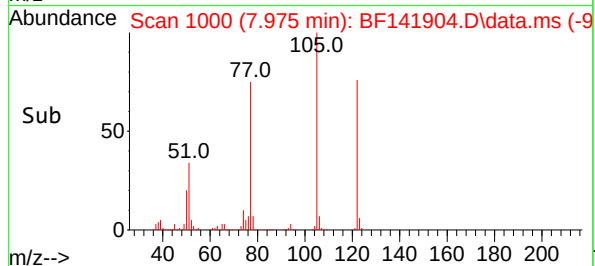
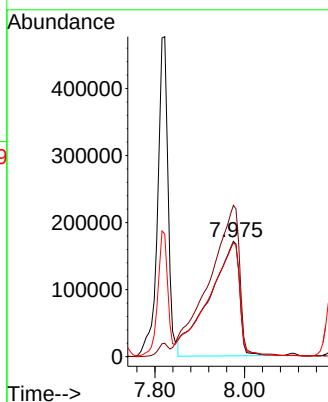
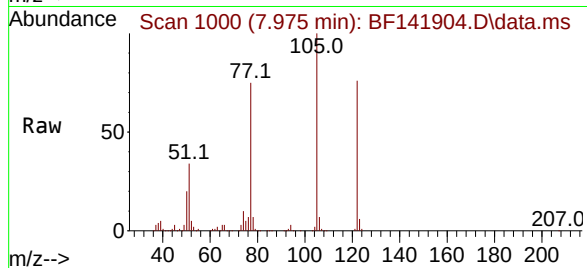
77 98.9 79.0 119.0

Manual Integrations

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Reviewed By :Anahy Claudio 03/11/2025

Supervised By :Jagrut Upadhyay 03/11/2025



#33

4-Chloroaniline

Concen: 72.896 ng

RT: 8.239 min Scan# 1045

Delta R.T. 0.012 min

Lab File: BF141904.D

Acq: 10 Mar 2025 14:27

Tgt Ion:127 Resp: 1088546

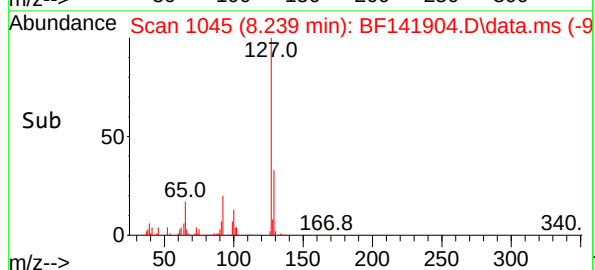
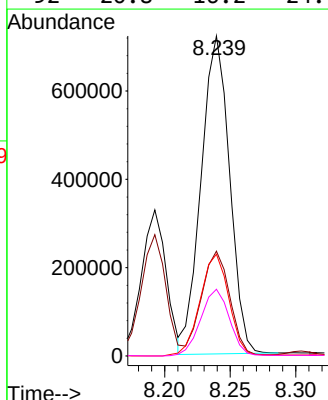
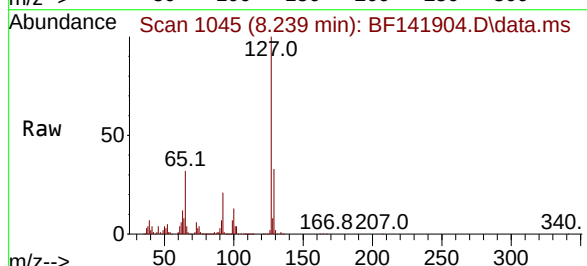
Ion Ratio Lower Upper

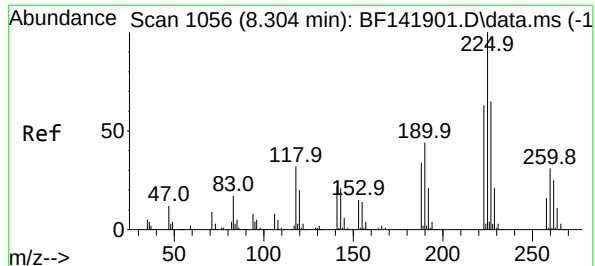
127 100

129 32.8 26.2 39.4

65 31.8 25.4 38.2

92 20.8 16.2 24.4





#34

Hexachlorobutadiene

Concen: 81.299 ng

RT: 8.304 min Scan# 1107

Delta R.T. 0.000 min

Lab File: BF141904.D

Acq: 10 Mar 2025 14:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:225 Resp: 71382

Ion Ratio Lower Upper

225 100

223 63.1 50.6 75.8

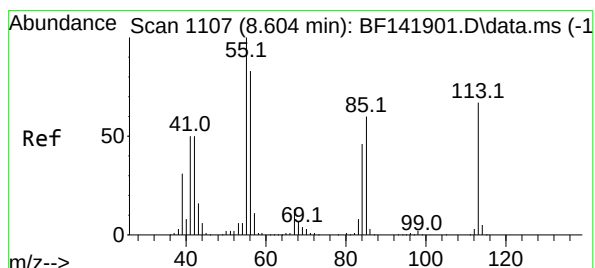
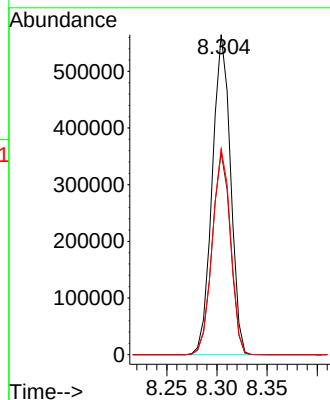
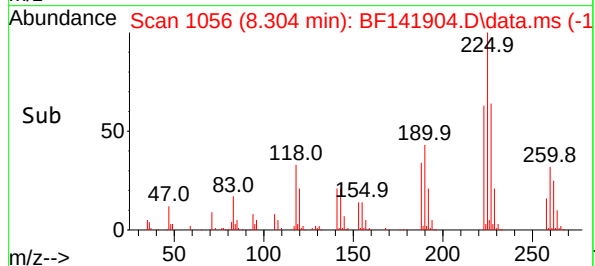
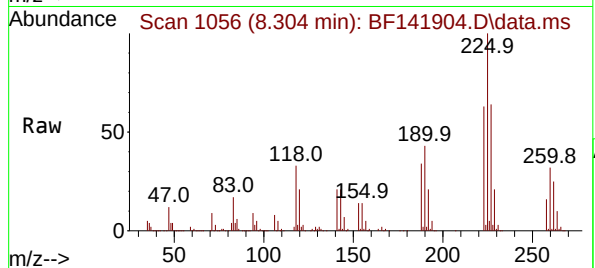
227 64.3 52.2 78.2

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/11/2025

Supervised By :Jagrut Upadhyay 03/11/2025



#35

Caprolactam

Concen: 83.763 ng m

RT: 8.639 min Scan# 1113

Delta R.T. 0.035 min

Lab File: BF141904.D

Acq: 10 Mar 2025 14:27

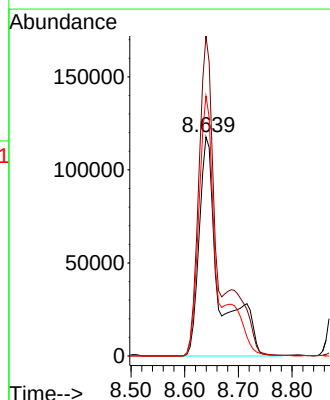
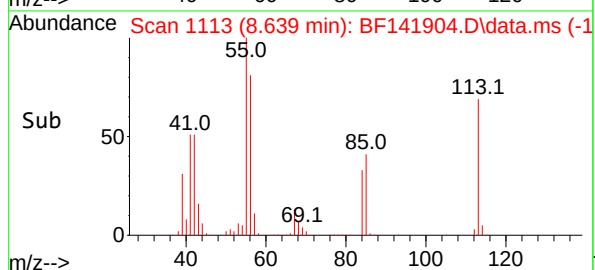
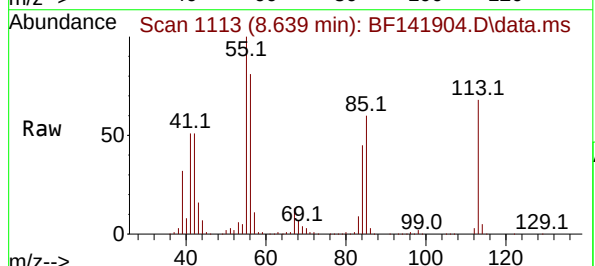
Tgt Ion:113 Resp: 311758

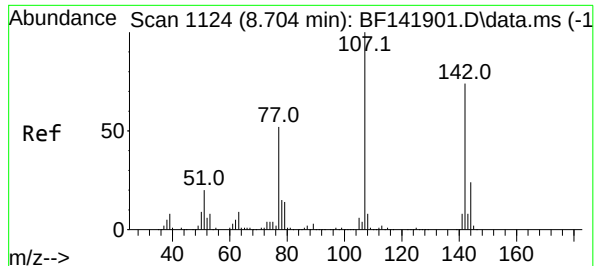
Ion Ratio Lower Upper

113 100

55 146.1 129.6 169.6

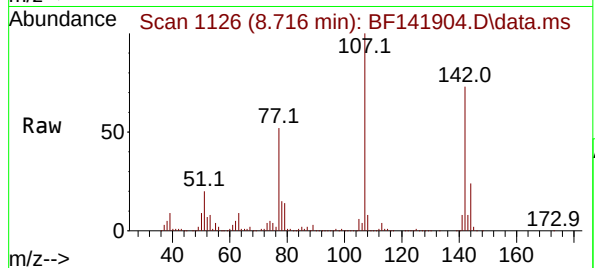
56 118.7 104.0 144.0





#36
4-Chloro-3-methylphenol
Concen: 77.644 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.012 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

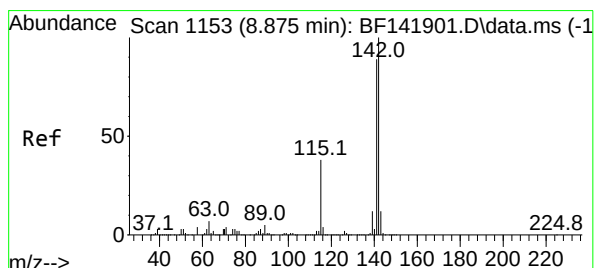
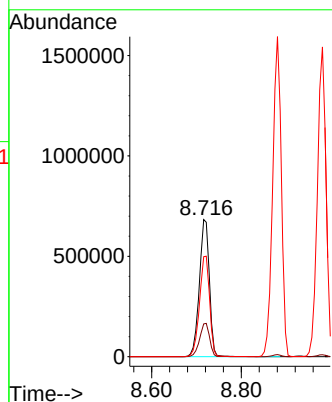
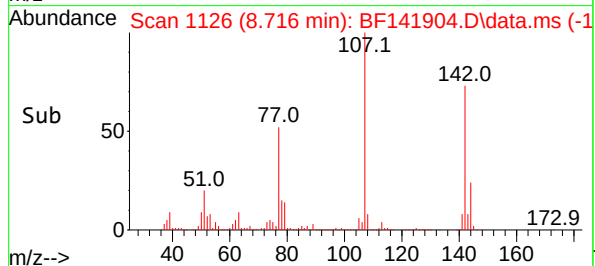
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:107 Resp: 1056917
Ion Ratio Lower Upper
107 100
144 24.0 19.0 28.6
142 72.9 59.2 88.8

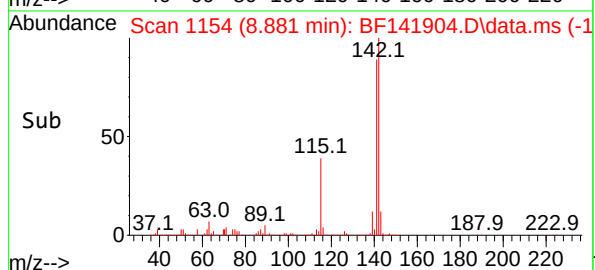
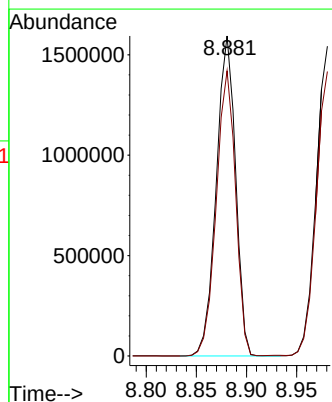
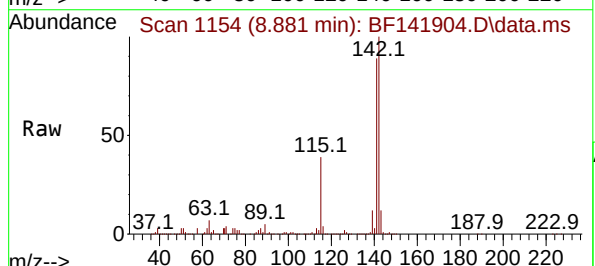
Manual Integrations
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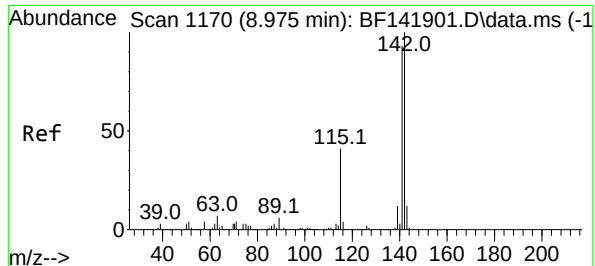
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#37
2-Methylnaphthalene
Concen: 75.023 ng
RT: 8.881 min Scan# 1154
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion:142 Resp: 2129990
Ion Ratio Lower Upper
142 100
141 89.1 71.2 106.8





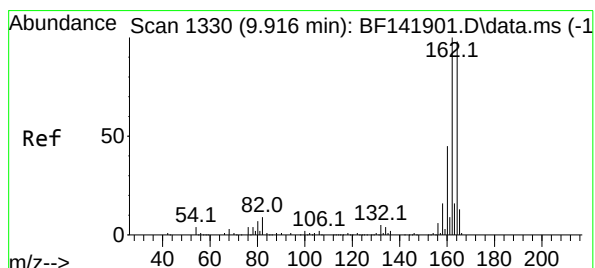
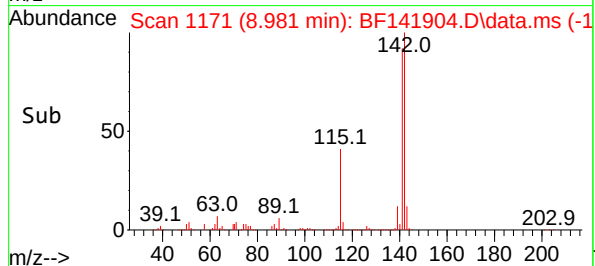
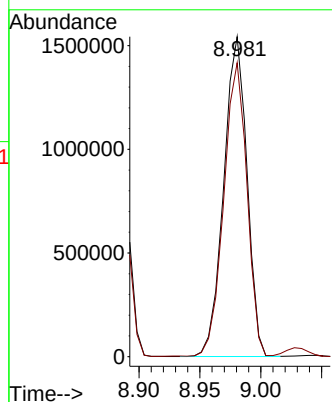
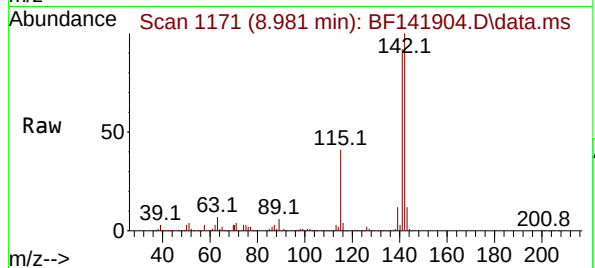
#38
1-Methylnaphthalene
Concen: 74.568 ng
RT: 8.981 min Scan# 1170
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:142 Resp: 205019
Ion Ratio Lower Upper
142 100
141 91.8 74.2 111.4

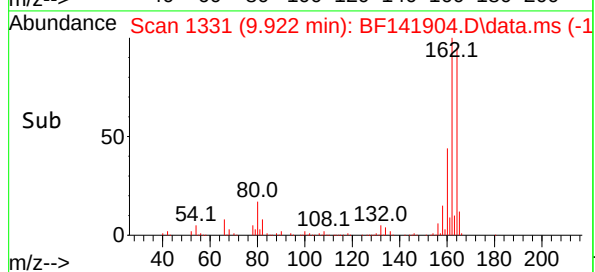
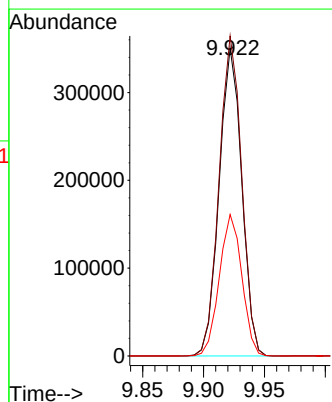
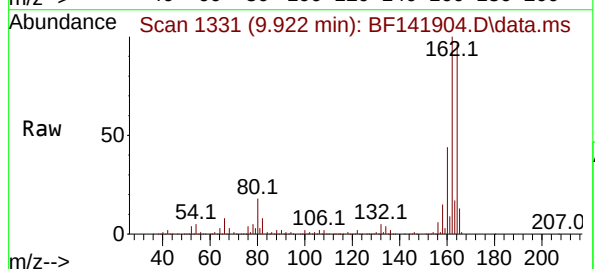
Manual Integrations
APPROVED

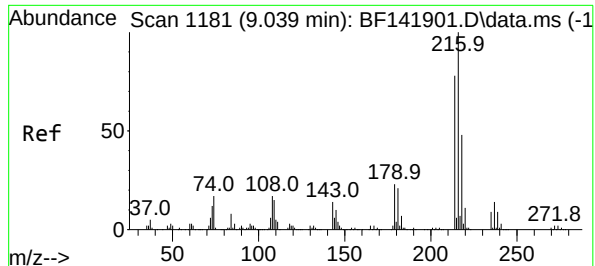
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion:164 Resp: 452864
Ion Ratio Lower Upper
164 100
162 103.9 81.8 122.6
160 45.9 36.7 55.1





#40

1,2,4,5-Tetrachlorobenzene

Concen: 81.667 ng

RT: 9.045 min Scan# 1181

Delta R.T. 0.006 min

Lab File: BF141904.D

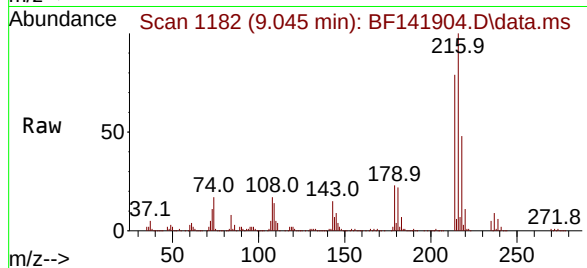
Acq: 10 Mar 2025 14:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:216 Resp: 112767

Ion Ratio Lower Upper

216 100

214 79.3 61.9 92.9

179 22.7 18.1 27.1

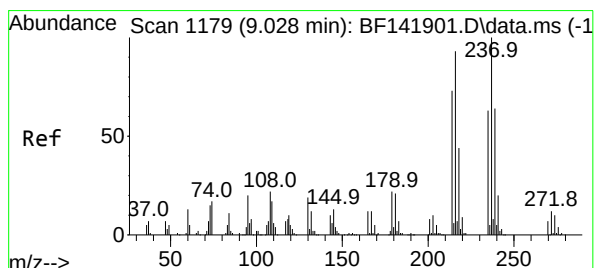
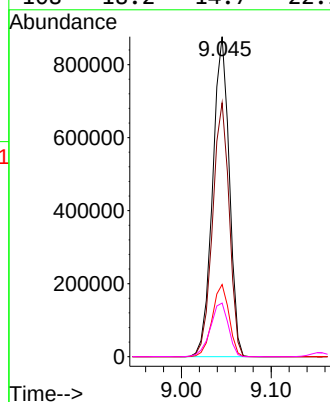
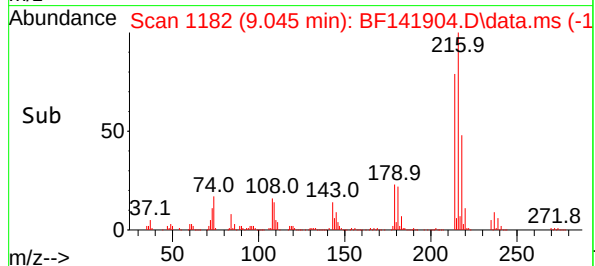
108 18.2 14.7 22.1

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/11/2025

Supervised By :Jagrut Upadhyay 03/11/2025



#41

Hexachlorocyclopentadiene

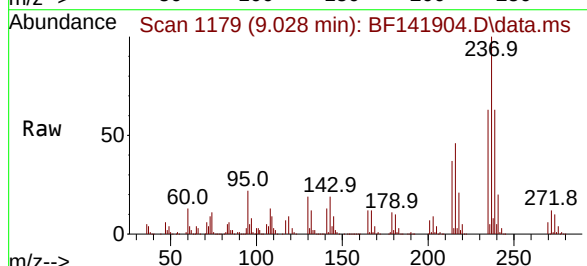
Concen: 85.031 ng

RT: 9.028 min Scan# 1179

Delta R.T. 0.000 min

Lab File: BF141904.D

Acq: 10 Mar 2025 14:27



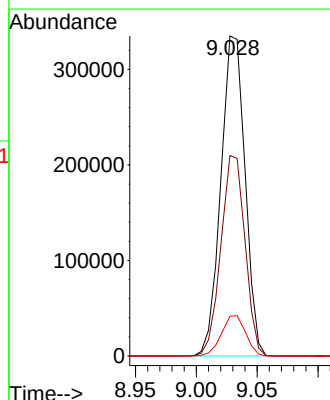
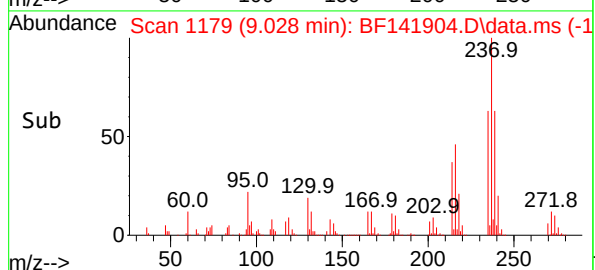
Tgt Ion:237 Resp: 463300

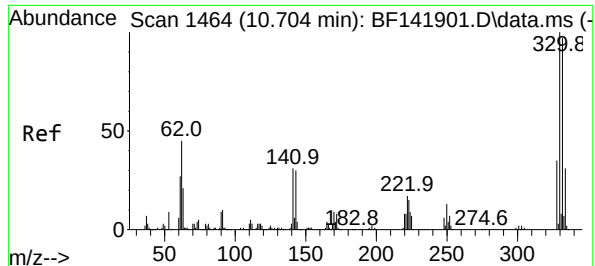
Ion Ratio Lower Upper

237 100

235 62.6 43.1 83.1

272 12.4 0.0 32.0





#42

2,4,6-Tribromophenol

Concen: 171.858 ng

RT: 10.716 min Scan# 1466

Delta R.T. 0.012 min

Lab File: BF141904.D

Acq: 10 Mar 2025 14:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:330 Resp: 986200

Ion Ratio Lower Upper

330 100

332 96.4 77.6 116.4

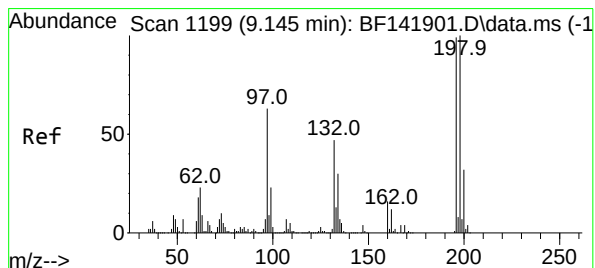
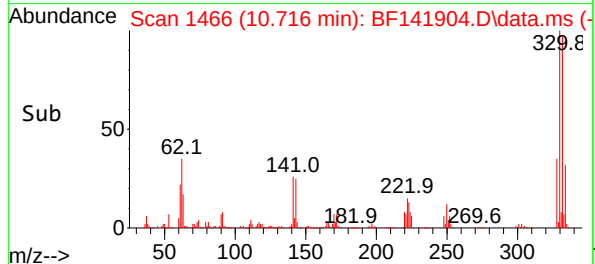
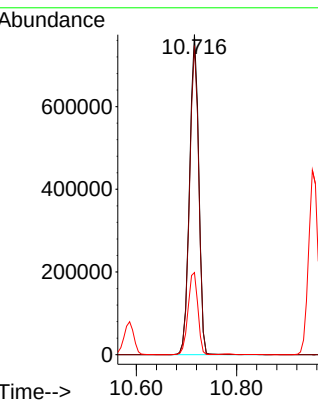
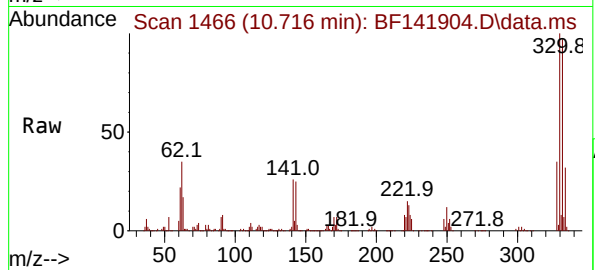
141 27.3 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/11/2025

Supervised By :Jagrut Upadhyay 03/11/2025



#43

2,4,6-Trichlorophenol

Concen: 82.399 ng

RT: 9.157 min Scan# 1201

Delta R.T. 0.012 min

Lab File: BF141904.D

Acq: 10 Mar 2025 14:27

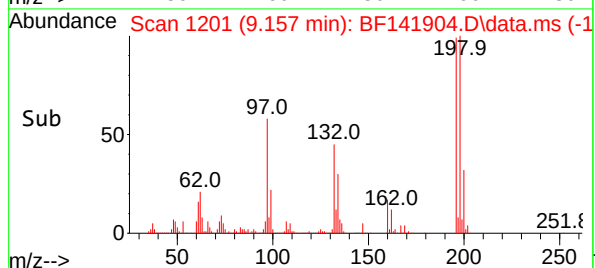
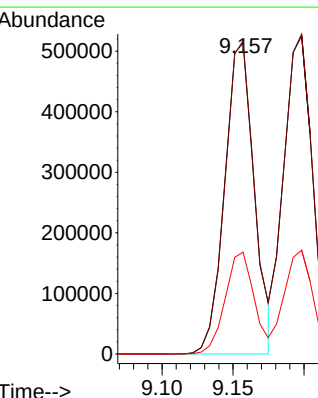
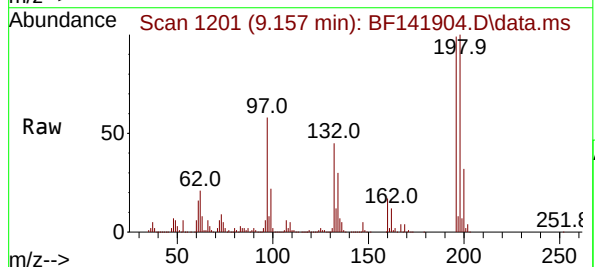
Tgt Ion:196 Resp: 741710

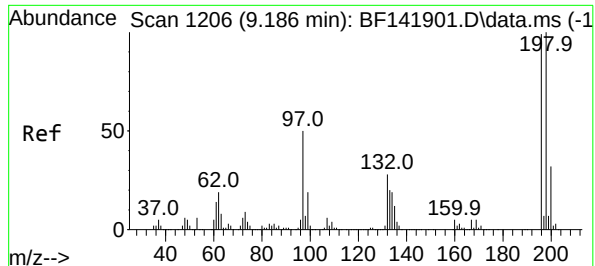
Ion Ratio Lower Upper

196 100

198 100.7 80.6 121.0

200 32.7 25.8 38.6





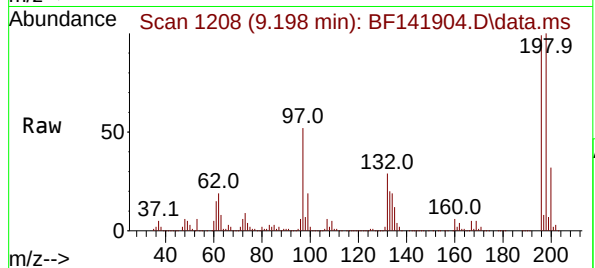
#44
2,4,5-Trichlorophenol
Concen: 80.579 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.012 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

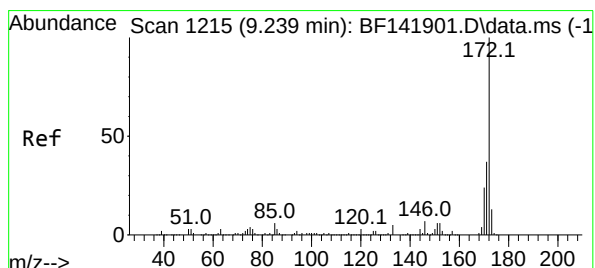
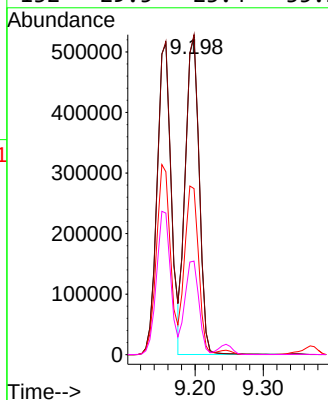
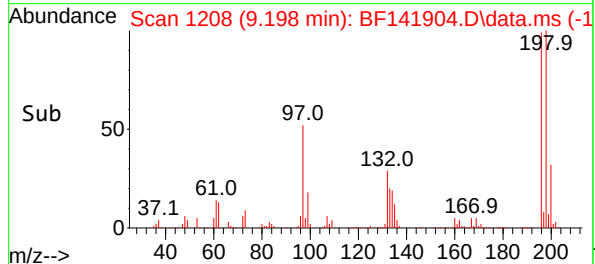


Tgt Ion:196 Resp: 736920
Ion Ratio Lower Upper
196 100
198 100.6 80.7 121.1
97 52.2 42.1 63.1
132 29.5 23.4 35.2

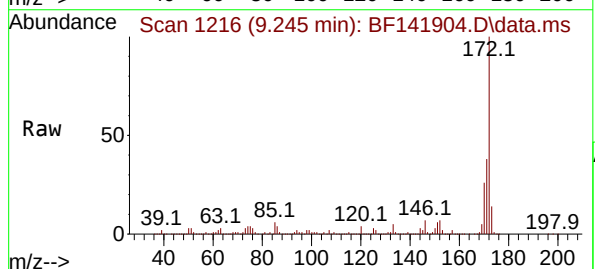
Manual Integrations

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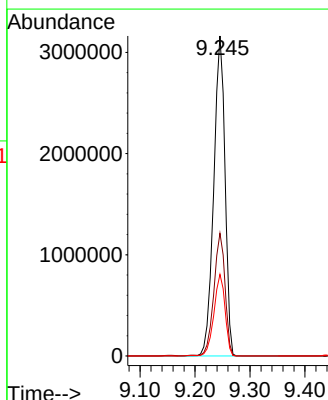
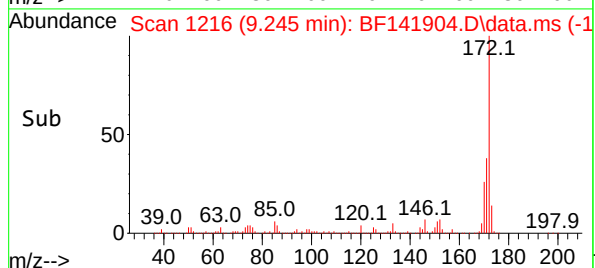
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025

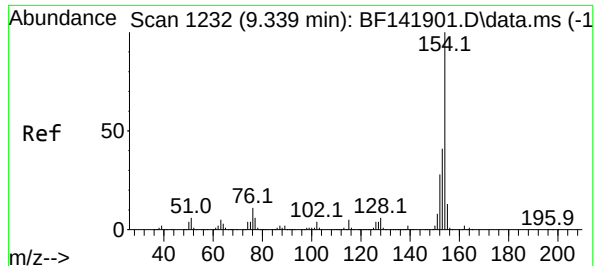


#45
2-Fluorobiphenyl
Concen: 151.763 ng
RT: 9.245 min Scan# 1216
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27



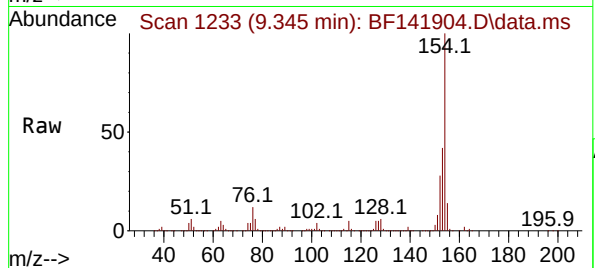
Tgt Ion:172 Resp: 4513418
Ion Ratio Lower Upper
172 100
171 38.4 29.3 43.9
170 25.5 19.4 29.0





#46
1,1'-Biphenyl
Concen: 76.503 ng
RT: 9.345 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

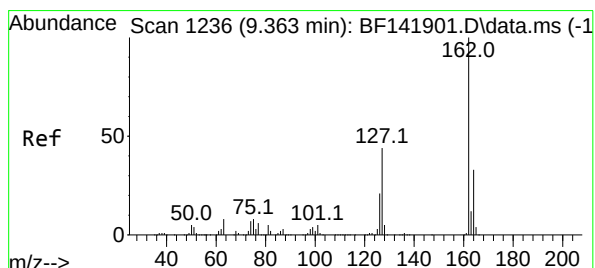
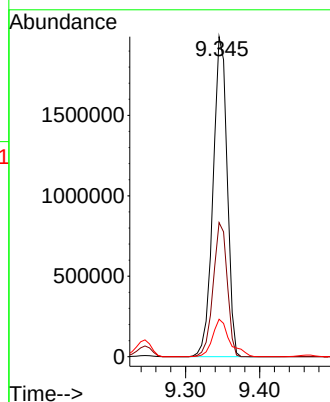
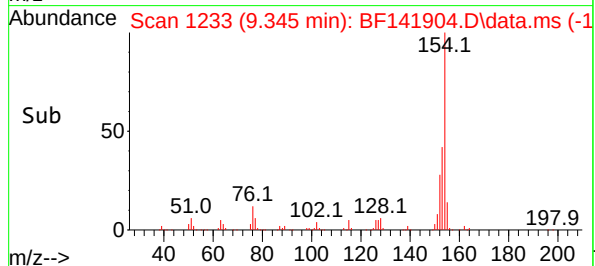
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:154 Resp: 262669
Ion Ratio Lower Upper
154 100
153 41.9 21.1 61.1
76 11.7 0.0 31.3

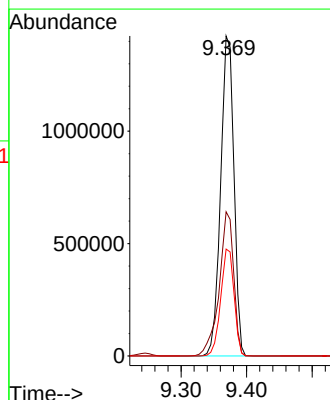
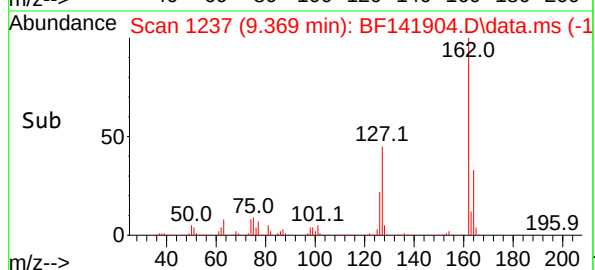
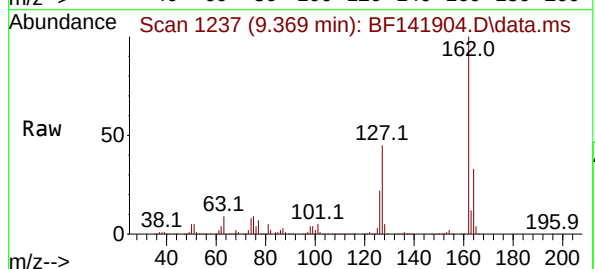
Manual Integrations
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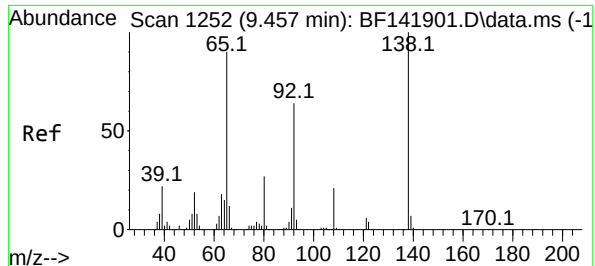
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#47
2-Chloronaphthalene
Concen: 77.859 ng
RT: 9.369 min Scan# 1237
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion:162 Resp: 1992242
Ion Ratio Lower Upper
162 100
127 45.0 35.5 53.3
164 33.4 26.6 40.0





#48

2-Nitroaniline

Concen: 81.326 ng

RT: 9.463 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF141904.D

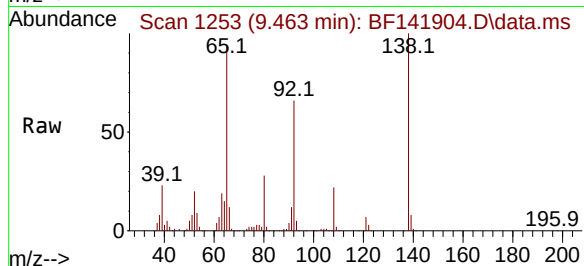
Acq: 10 Mar 2025 14:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion: 65 Resp: 597778

Ion Ratio Lower Upper

65 100

92 70.8 56.6 84.8

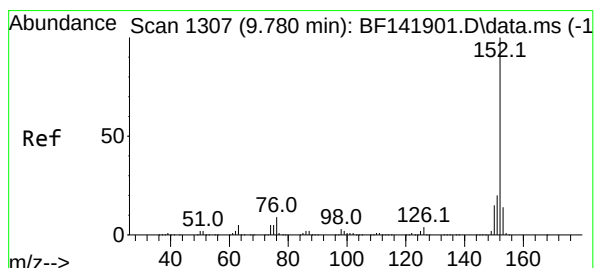
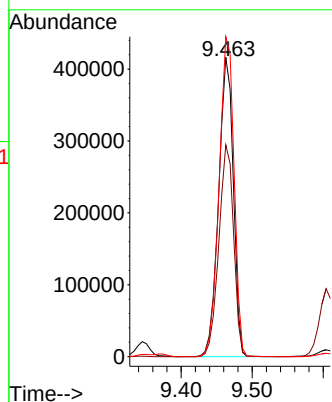
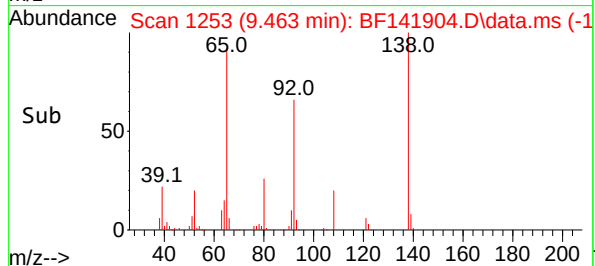
138 106.9 88.6 133.0

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Reviewed By :Anahy Claudio 03/11/2025

Supervised By :Jagrut Upadhyay 03/11/2025



#49

Acenaphthylene

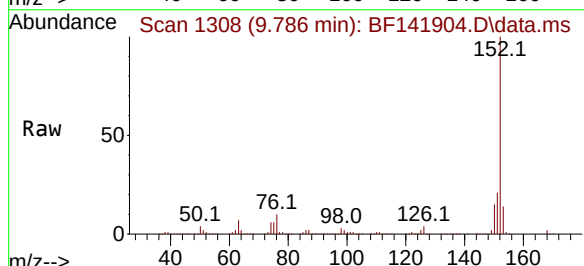
Concen: 75.877 ng

RT: 9.786 min Scan# 1308

Delta R.T. 0.006 min

Lab File: BF141904.D

Acq: 10 Mar 2025 14:27



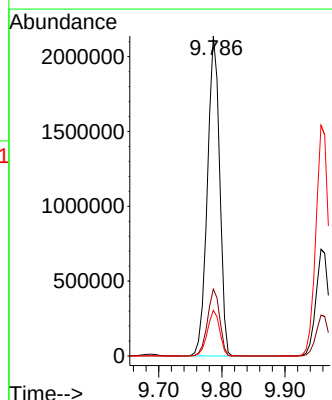
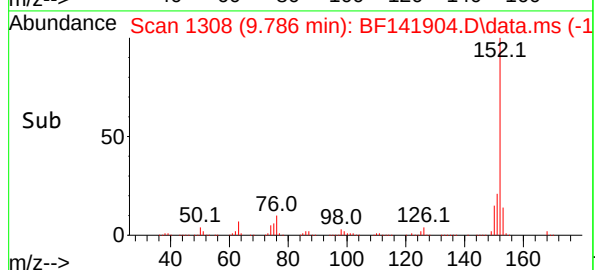
Tgt Ion:152 Resp: 2878496

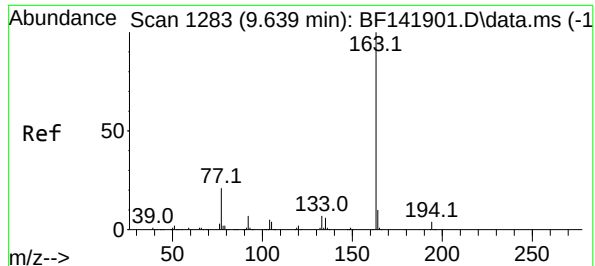
Ion Ratio Lower Upper

152 100

151 20.9 16.3 24.5

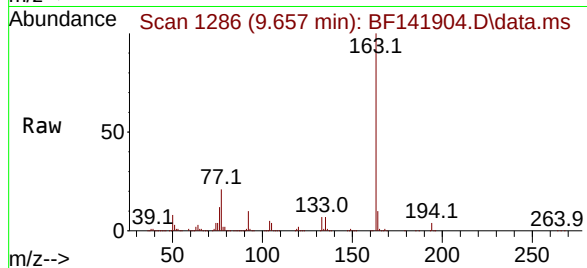
153 14.2 11.1 16.7





#50
Dimethylphthalate
Concen: 77.192 ng
RT: 9.657 min Scan# 1286
Delta R.T. 0.018 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

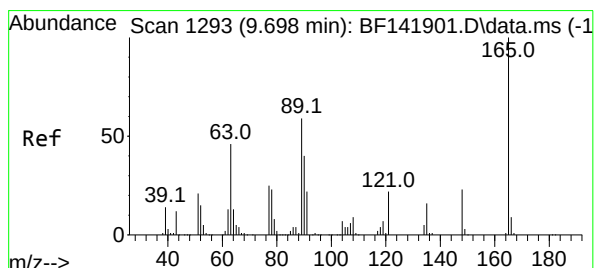
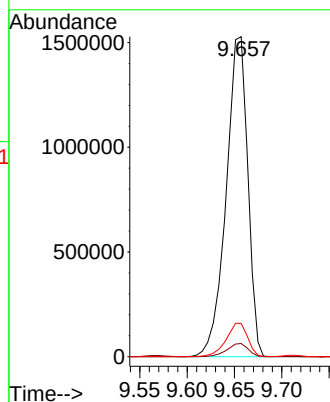
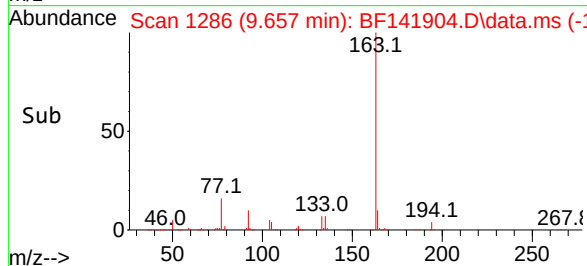
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



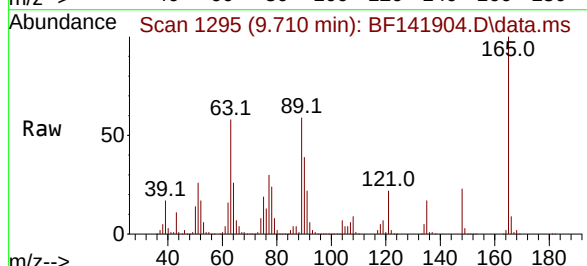
Tgt Ion:163 Resp: 242884
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.4 8.2 12.4

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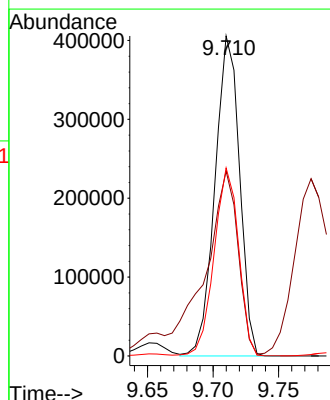
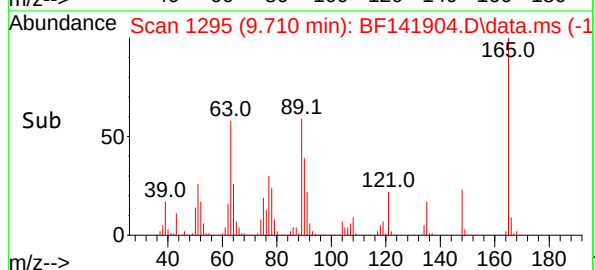
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025

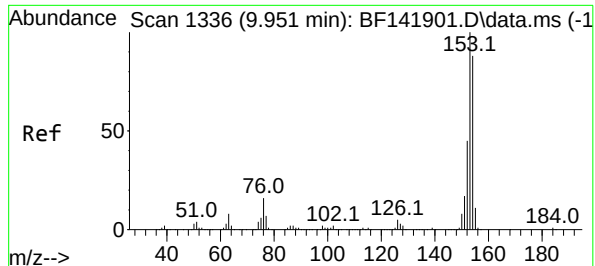


#51
2,6-Dinitrotoluene
Concen: 80.867 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.012 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27



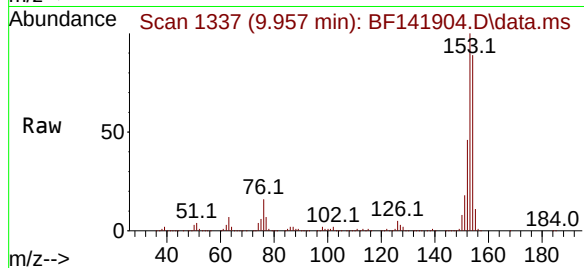
Tgt Ion:165 Resp: 529139
Ion Ratio Lower Upper
165 100
63 57.7 47.0 70.4
89 58.8 47.4 71.2





#52
Acenaphthene
Concen: 77.872 ng
RT: 9.957 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

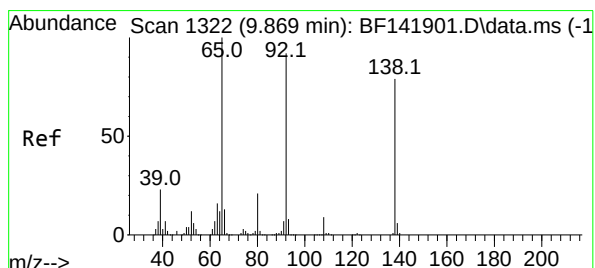
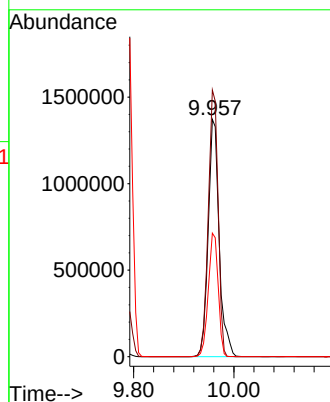
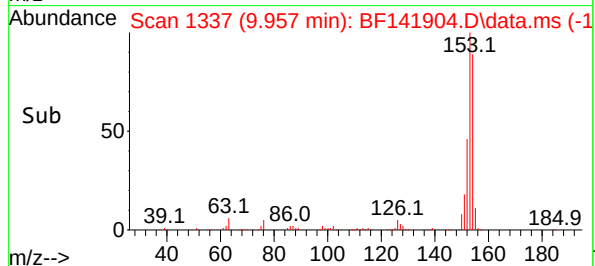
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:154 Resp: 208594
Ion Ratio Lower Upper
154 100
153 112.4 90.7 136.1
152 52.0 41.1 61.7

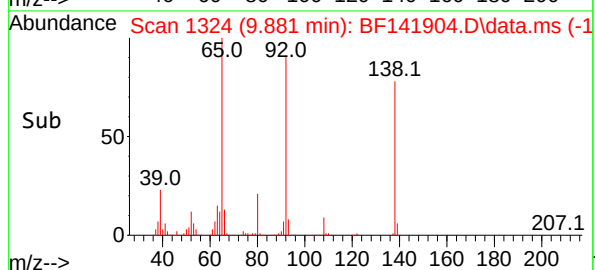
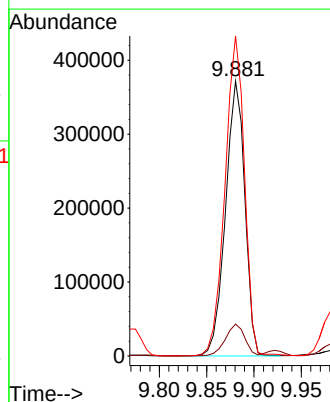
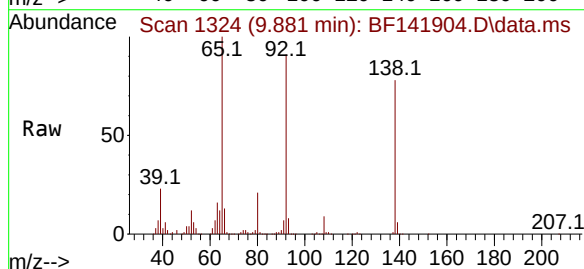
Manual Integrations
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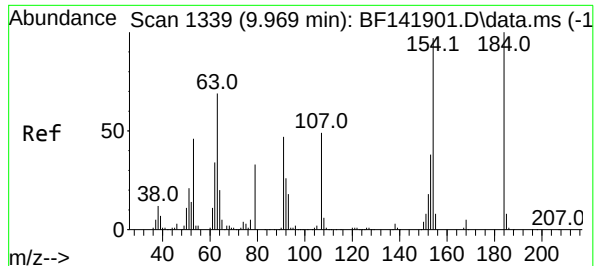
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#53
3-Nitroaniline
Concen: 78.435 ng
RT: 9.881 min Scan# 1324
Delta R.T. 0.012 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion:138 Resp: 526980
Ion Ratio Lower Upper
138 100
108 11.6 9.3 13.9
92 116.4 93.5 140.3





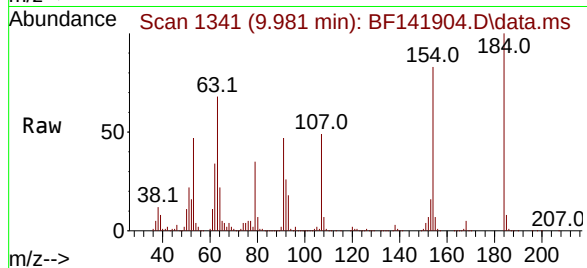
#54
2,4-Dinitrophenol
Concen: 81.479 ng
RT: 9.981 min Scan# 1341
Delta R.T. 0.012 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

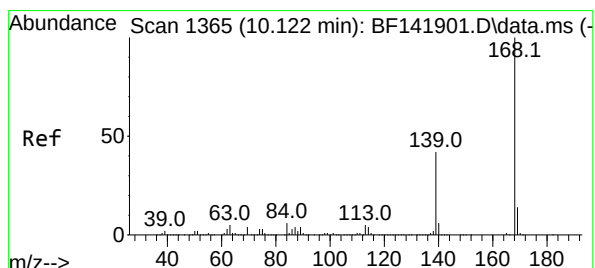
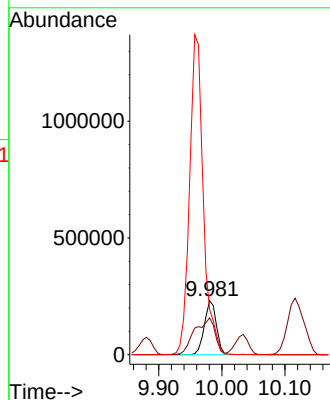
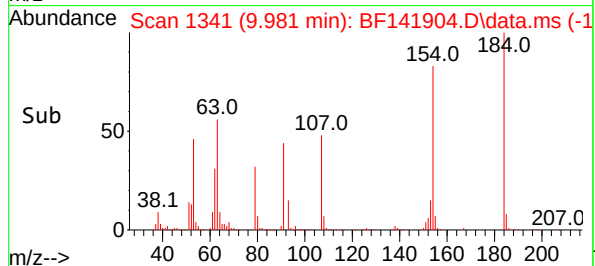


Tgt Ion:184 Resp: 305399
Ion Ratio Lower Upper
184 100
63 68.1 60.2 90.4
154 82.9 132.9 199.3

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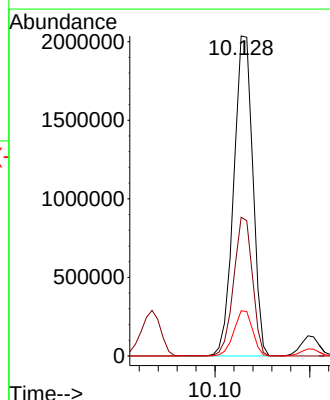
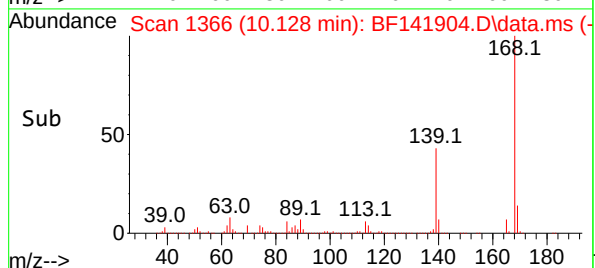
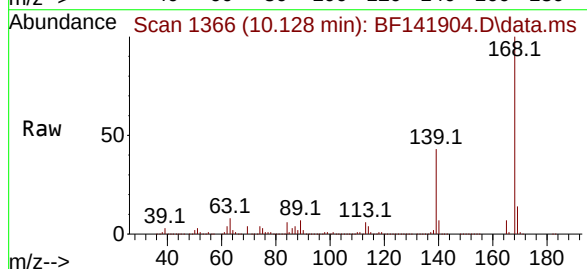
APPROVED

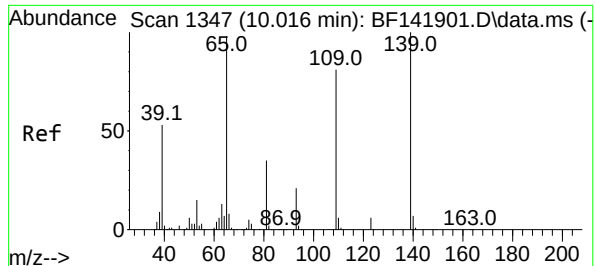
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#55
Dibenzofuran
Concen: 74.474 ng
RT: 10.128 min Scan# 1366
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

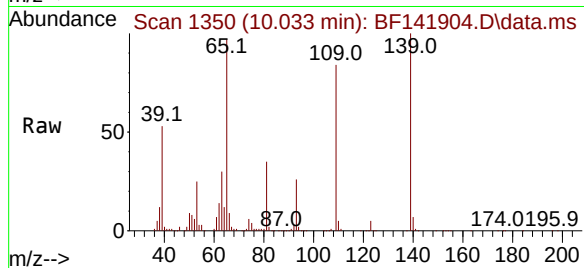
Tgt Ion:168 Resp: 2844432
Ion Ratio Lower Upper
168 100
139 43.4 33.9 50.9
169 14.1 11.0 16.4





#56
4-Nitrophenol
Concen: 82.456 ng
RT: 10.033 min Scan# 1347
Delta R.T. 0.018 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

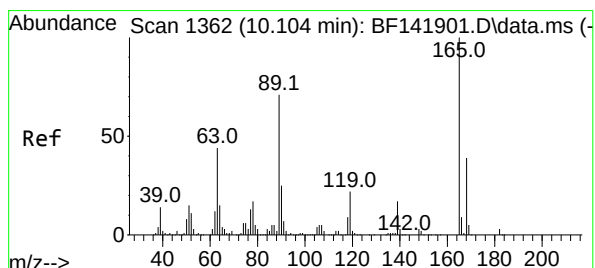
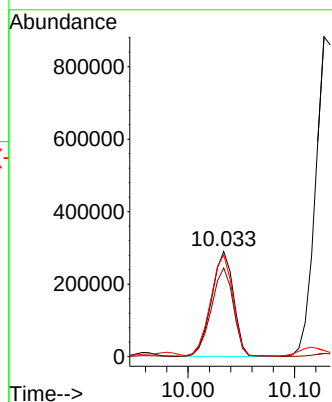
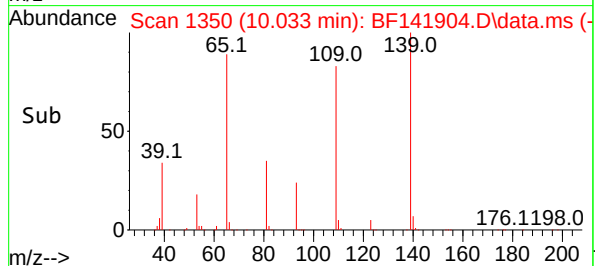
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:139 Resp: 41615
Ion Ratio Lower Upper
139 100
109 84.3 61.6 101.6
65 96.7 79.4 119.4

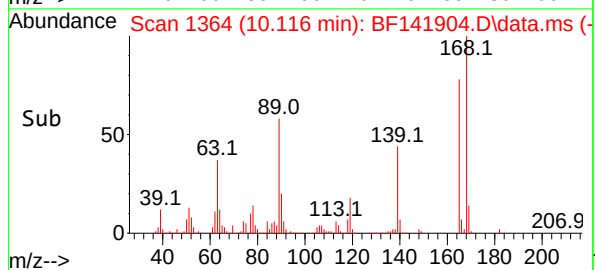
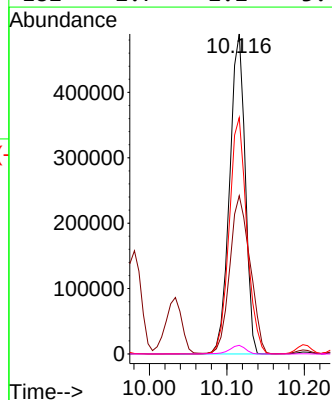
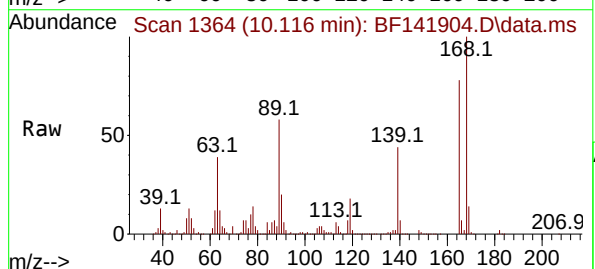
Manual Integrations
APPROVED

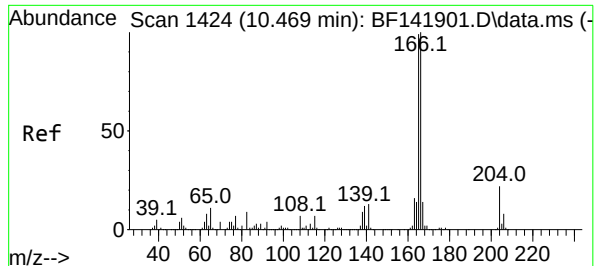
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#57
2,4-Dinitrotoluene
Concen: 79.099 ng
RT: 10.116 min Scan# 1364
Delta R.T. 0.012 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

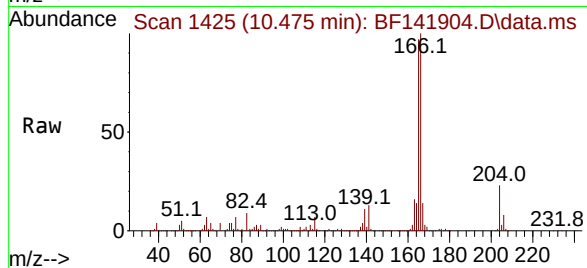
Tgt Ion:165 Resp: 681278
Ion Ratio Lower Upper
165 100
63 49.4 35.4 53.2
89 73.9 56.6 84.8
182 2.7 2.2 3.4





#58
Fluorene
Concen: 74.974 ng
RT: 10.475 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

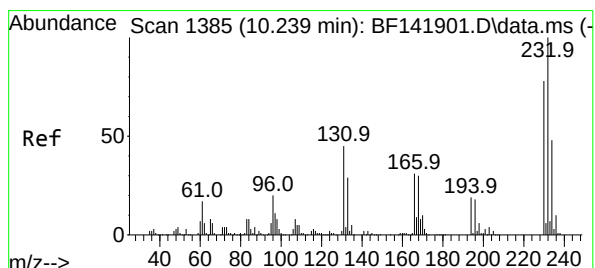
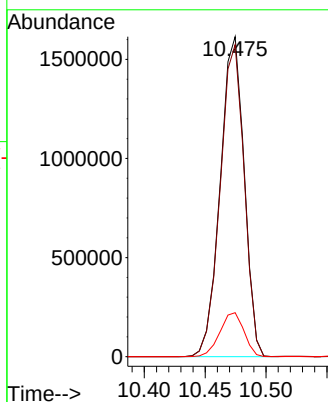
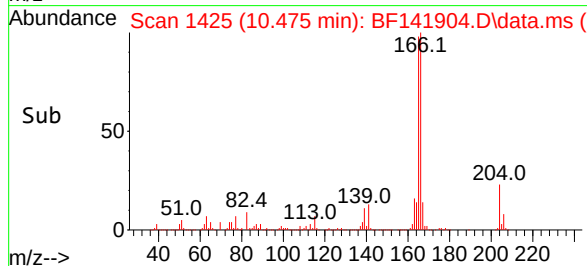
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:166 Resp: 221065
Ion Ratio Lower Upper
166 100
165 97.5 79.0 118.4
167 13.8 11.0 16.4

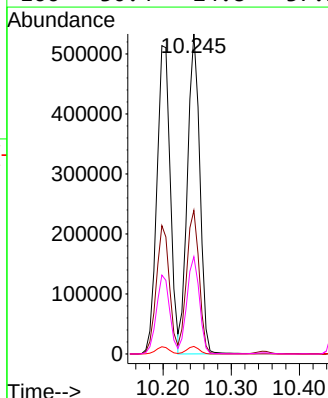
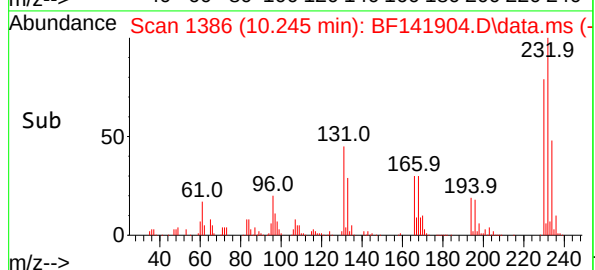
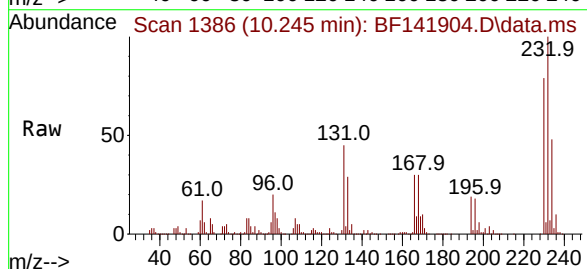
Manual Integrations
APPROVED

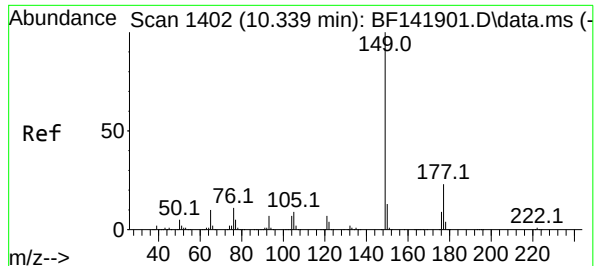
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#59
2,3,4,6-Tetrachlorophenol
Concen: 80.507 ng
RT: 10.245 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

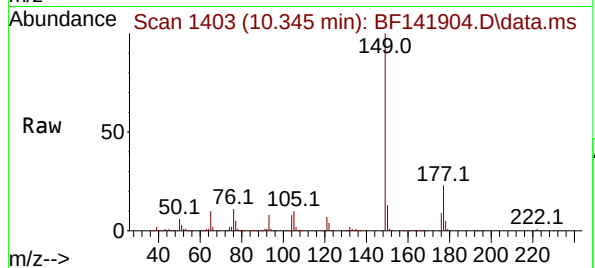
Tgt Ion:232 Resp: 668027
Ion Ratio Lower Upper
232 100
131 45.4 37.3 55.9
130 2.3 1.9 2.9
166 30.4 24.8 37.2





#60
Diethylphthalate
Concen: 74.681 ng
RT: 10.345 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

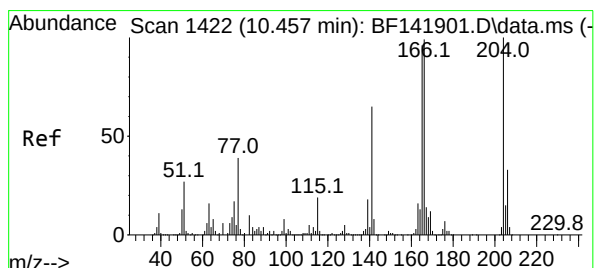
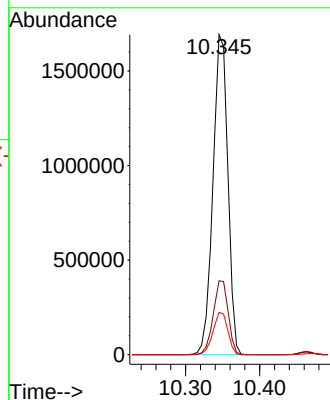
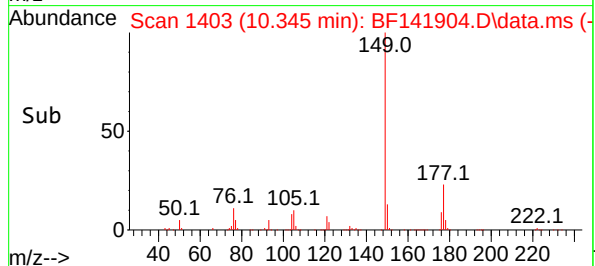
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:149 Resp: 235892
Ion Ratio Lower Upper
149 100
177 23.1 18.0 27.0
150 13.3 10.2 15.4

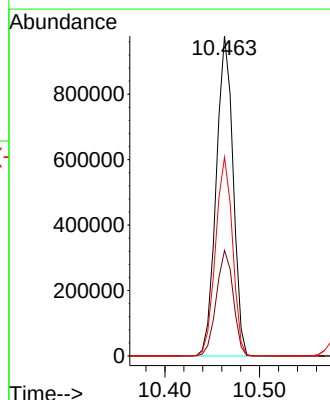
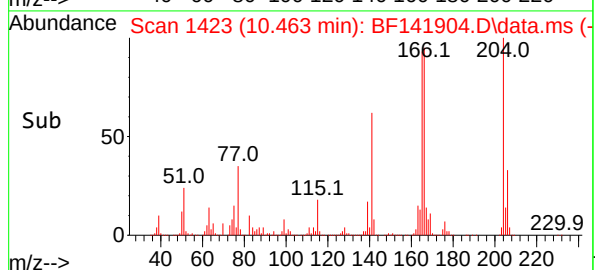
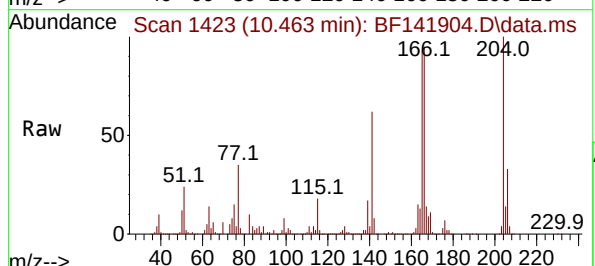
Manual Integrations
APPROVED

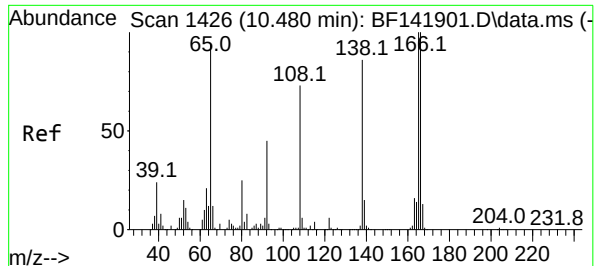
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#61
4-Chlorophenyl-phenylether
Concen: 78.724 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

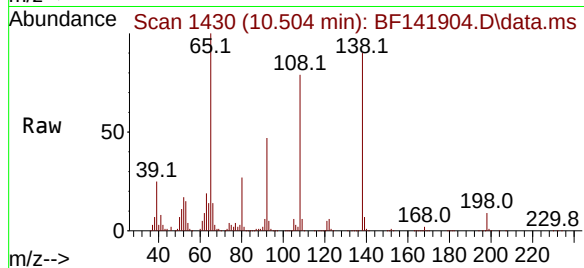
Tgt Ion:204 Resp: 1209021
Ion Ratio Lower Upper
204 100
206 33.0 26.8 40.2
141 62.1 52.4 78.6





#62
4-Nitroaniline
Concen: 77.243 ng
RT: 10.504 min Scan# 1426
Delta R.T. 0.024 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

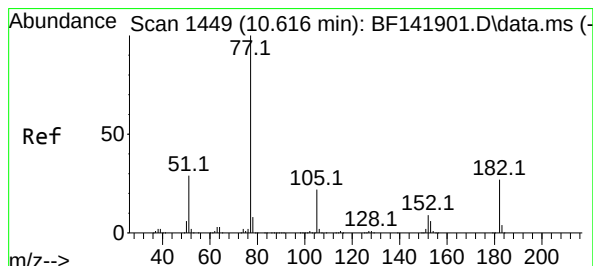
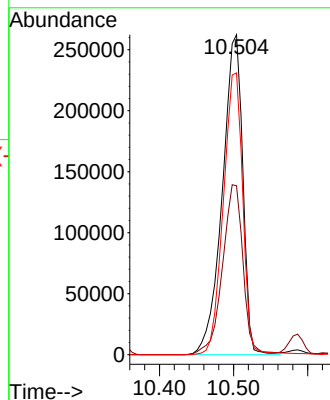
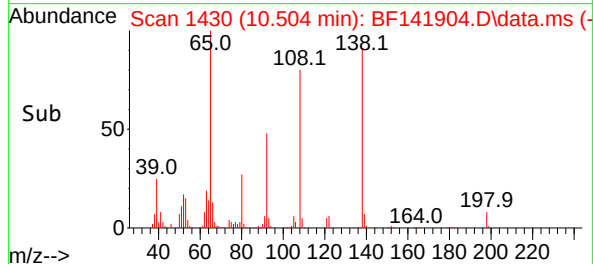
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:138 Resp: 502894
Ion Ratio Lower Upper
138 100
92 52.8 32.6 72.6
108 88.1 65.0 105.0

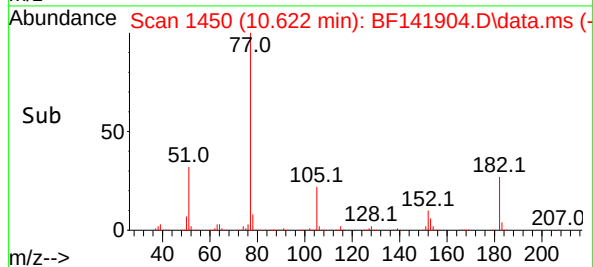
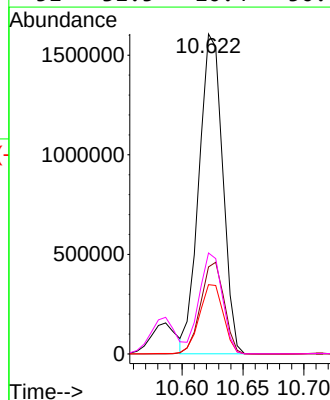
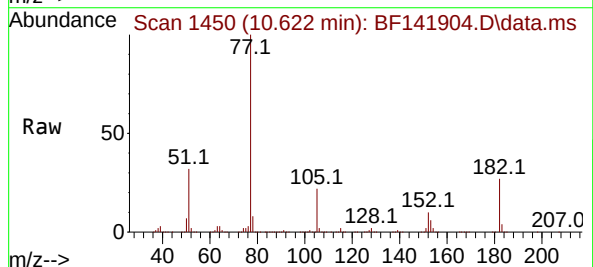
Manual Integrations
APPROVED

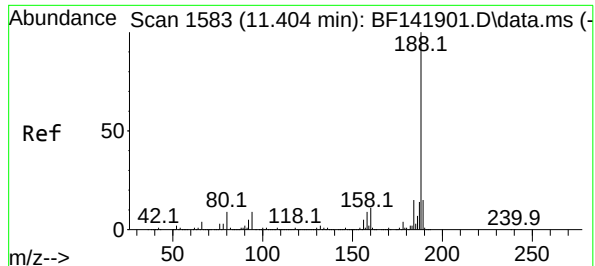
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#63
Azobenzene
Concen: 73.911 ng
RT: 10.622 min Scan# 1450
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

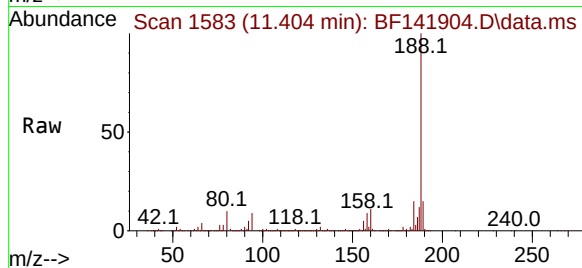
Tgt Ion: 77 Resp: 2168742
Ion Ratio Lower Upper
77 100
182 27.2 6.6 46.6
105 21.7 1.3 41.3
51 31.5 10.4 50.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

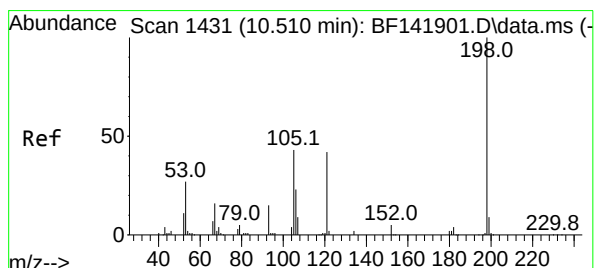
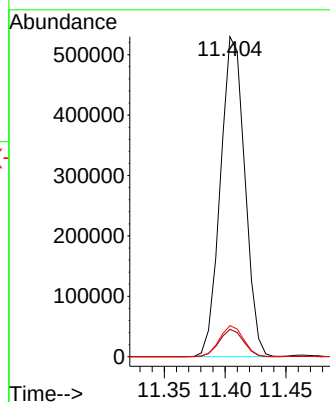
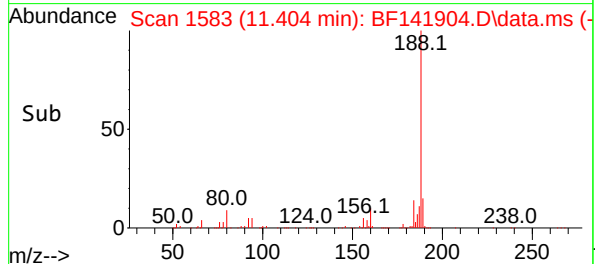
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:188 Resp: 738472
Ion Ratio Lower Upper
188 100
94 8.5 6.8 10.2
80 9.7 7.6 11.4

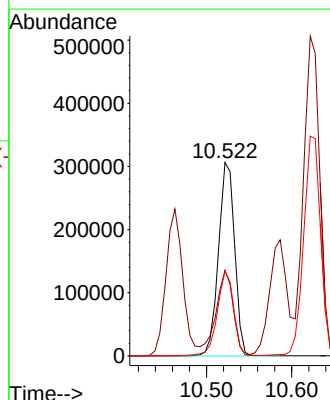
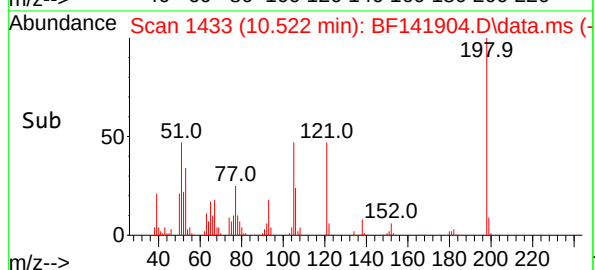
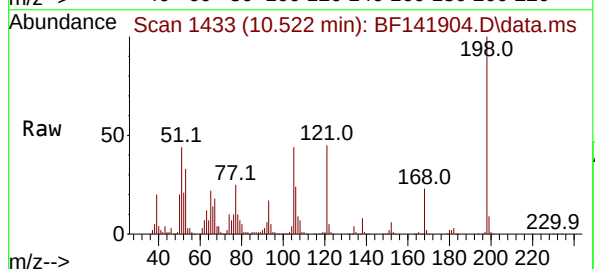
Manual Integrations
APPROVED

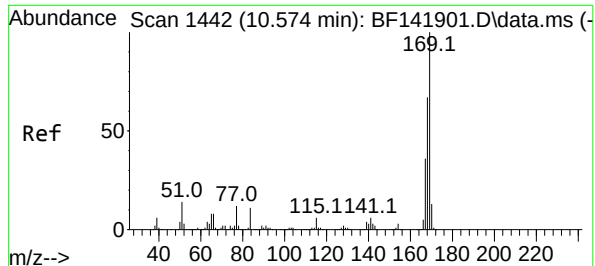
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#65
4,6-Dinitro-2-methylphenol
Concen: 92.396 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.012 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

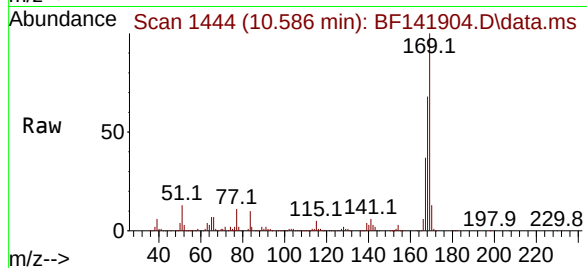
Tgt Ion:198 Resp: 404505
Ion Ratio Lower Upper
198 100
51 44.2 22.3 62.3
105 43.9 23.0 63.0





#66
n-Nitrosodiphenylamine
Concen: 78.895 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.012 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

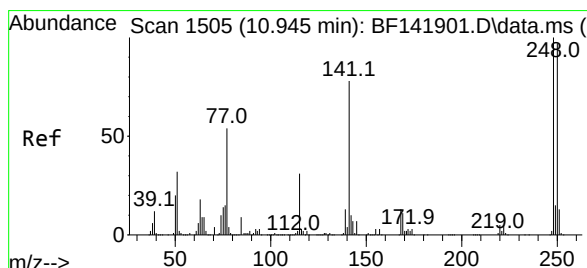
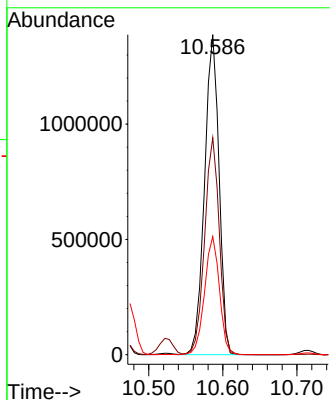
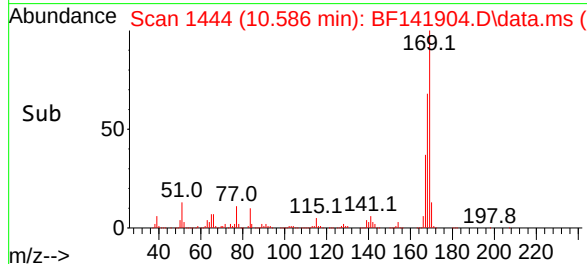
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:169 Resp: 1882098
Ion Ratio Lower Upper
169 100
168 67.8 53.7 80.5
167 36.9 29.2 43.8

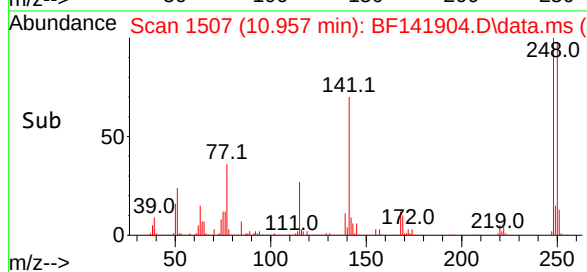
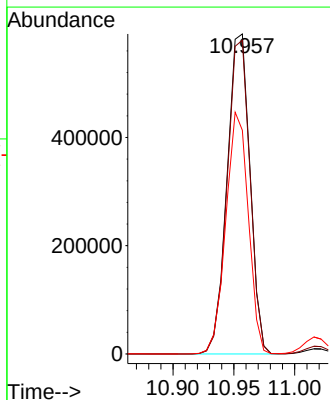
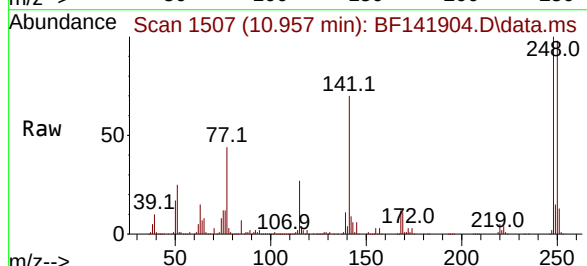
Manual Integrations
APPROVED

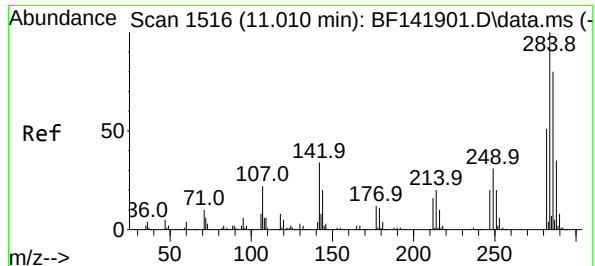
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#67
4-Bromophenyl-phenylether
Concen: 84.232 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.012 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

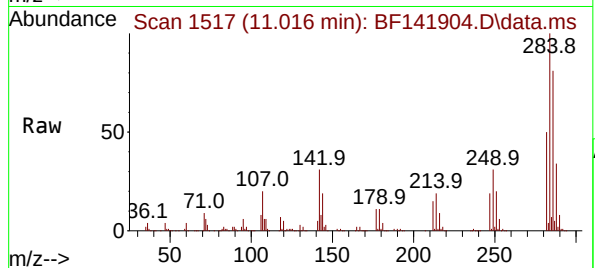
Tgt Ion:248 Resp: 774645
Ion Ratio Lower Upper
248 100
250 98.1 77.8 116.8
141 69.9 62.6 93.8





#68
Hexachlorobenzene
Concen: 84.832 ng
RT: 11.016 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

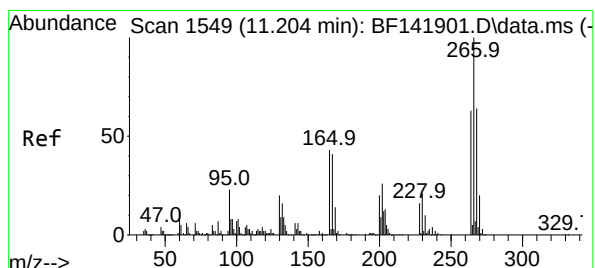
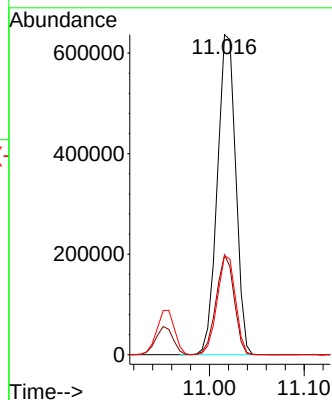
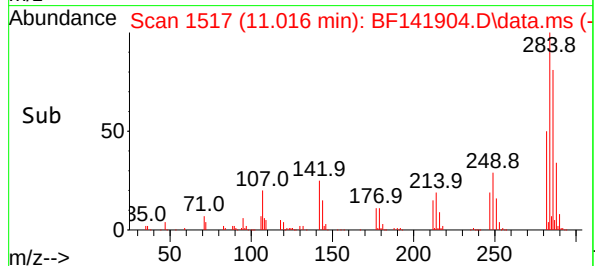
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:284 Resp: 86235
Ion Ratio Lower Upper
284 100
142 31.2 27.0 40.6
249 31.0 25.2 37.8

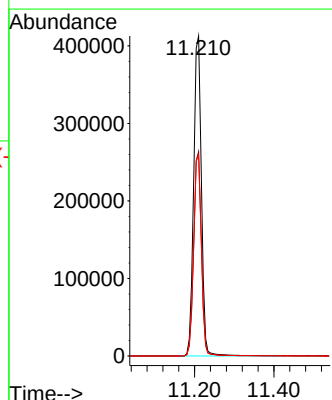
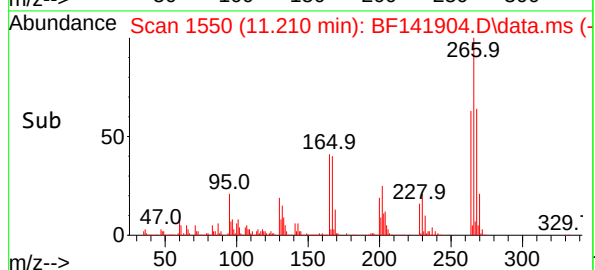
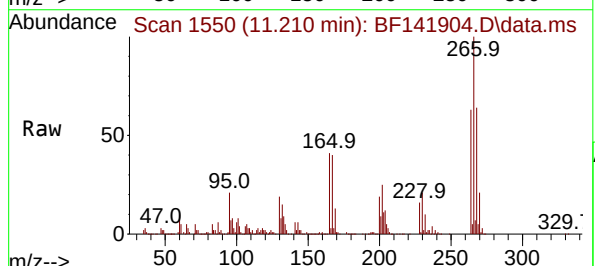
Manual Integrations
APPROVED

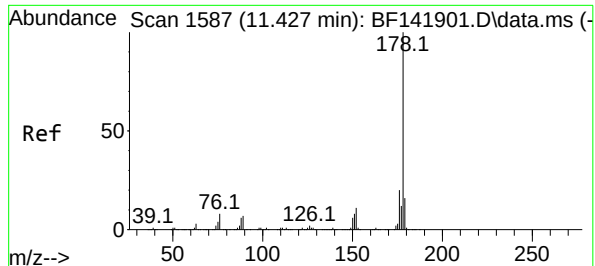
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#70
Pentachlorophenol
Concen: 89.813 ng
RT: 11.210 min Scan# 1550
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

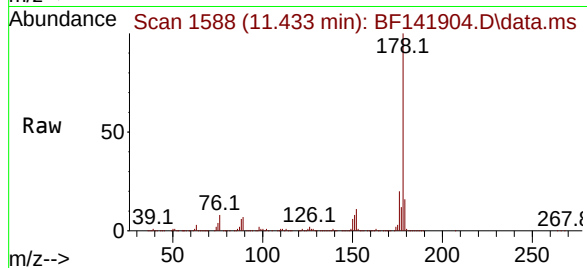
Tgt Ion:266 Resp: 563030
Ion Ratio Lower Upper
266 100
268 63.9 51.0 76.6
264 62.9 50.2 75.2





#71
Phenanthrene
Concen: 75.649 ng
RT: 11.433 min Scan# 1587
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

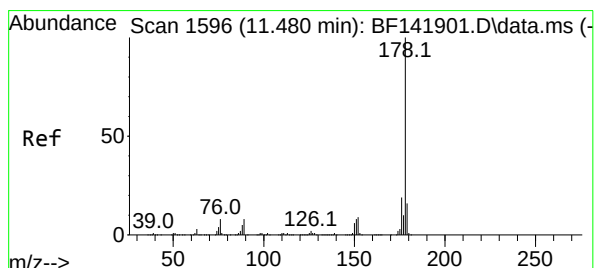
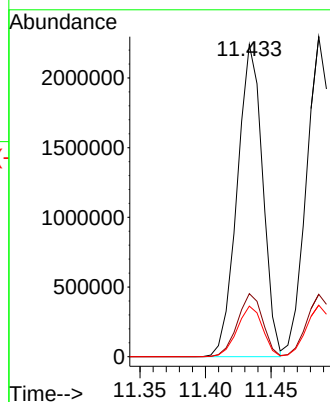
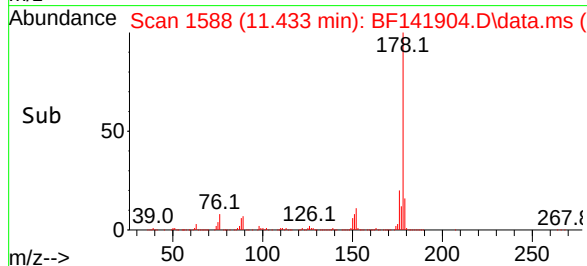
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:178 Resp: 3020950
Ion Ratio Lower Upper
178 100
176 20.2 15.8 23.8
179 16.2 12.6 19.0

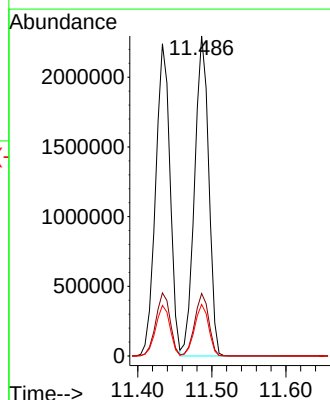
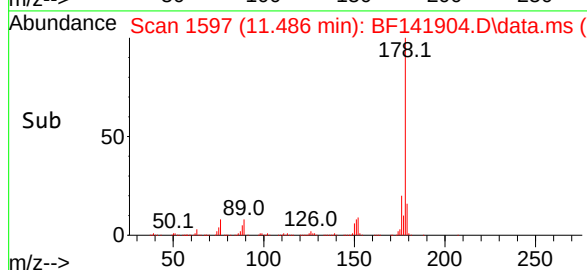
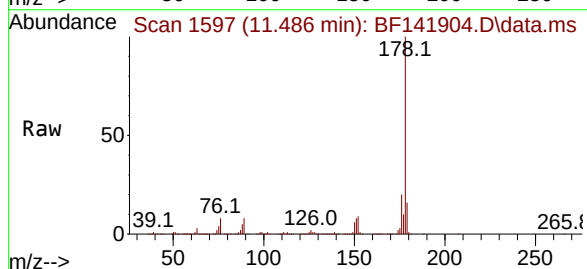
Manual Integrations
APPROVED

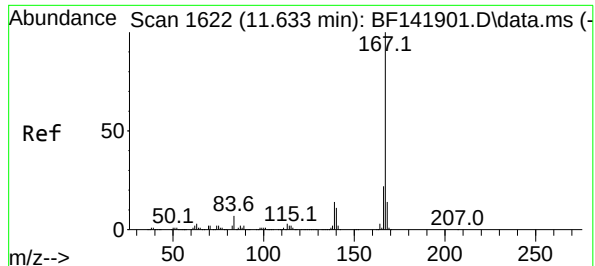
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#72
Anthracene
Concen: 75.653 ng
RT: 11.486 min Scan# 1597
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

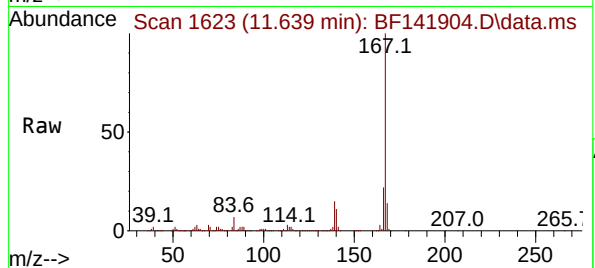
Tgt Ion:178 Resp: 3031014
Ion Ratio Lower Upper
178 100
176 19.5 15.1 22.7
179 16.1 12.6 19.0





#73
Carbazole
Concen: 74.002 ng
RT: 11.639 min Scan# 1622
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

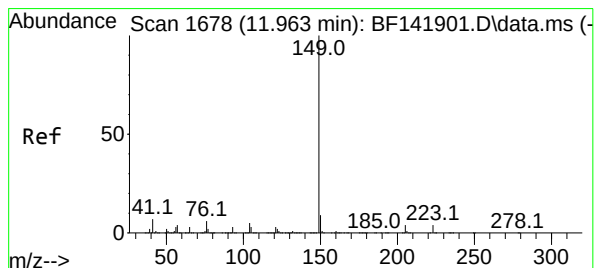
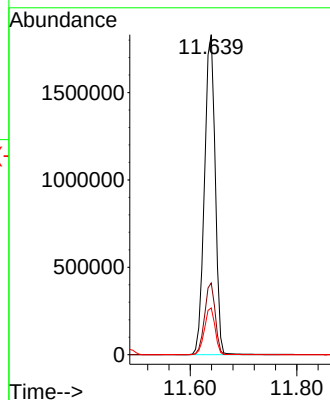
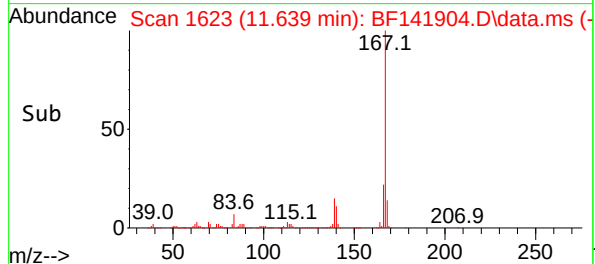
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



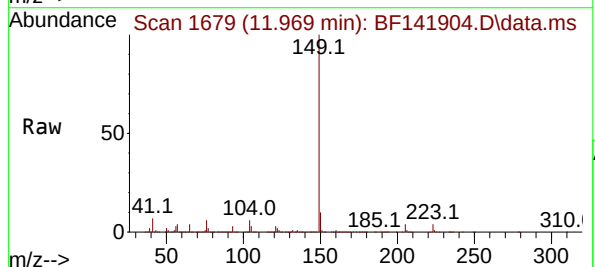
Tgt Ion:167 Resp: 255256
Ion Ratio Lower Upper
167 100
166 22.4 17.4 26.2
139 14.6 11.0 16.6

Manual Integrations
APPROVED

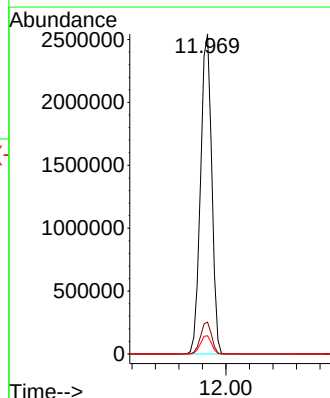
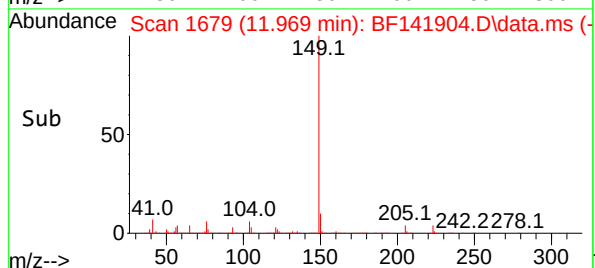
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025

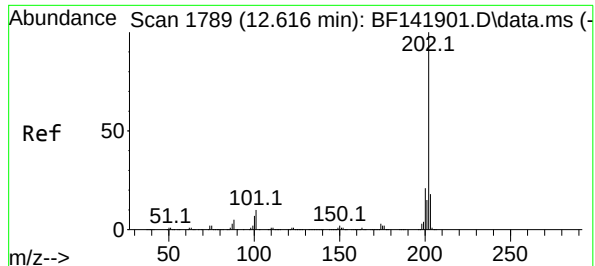


#74
Di-n-butylphthalate
Concen: 73.399 ng
RT: 11.969 min Scan# 1679
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27



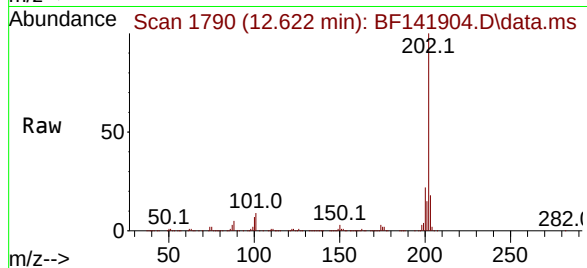
Tgt Ion:149 Resp: 3342776
Ion Ratio Lower Upper
149 100
150 10.0 7.6 11.4
104 5.7 4.4 6.6





#75
Fluoranthene
Concen: 71.694 ng
RT: 12.622 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

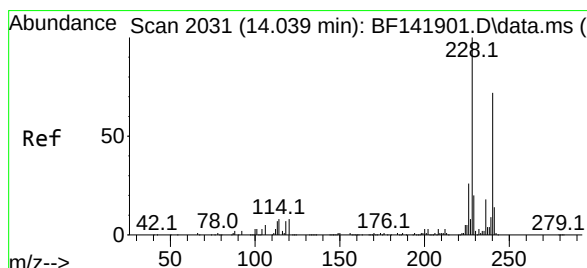
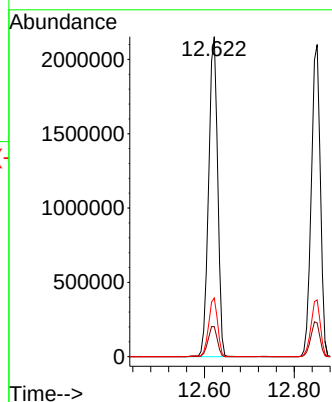
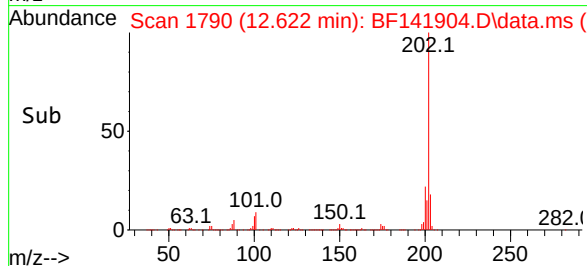
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:202 Resp: 300556
Ion Ratio Lower Upper
202 100
101 9.4 0.0 29.7
203 18.4 0.0 37.8

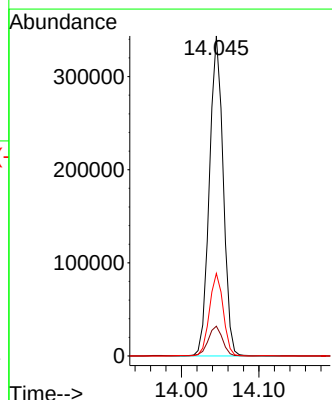
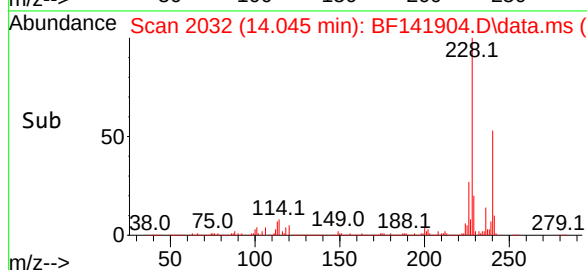
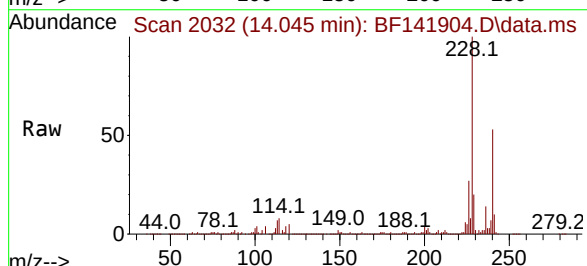
Manual Integrations
APPROVED

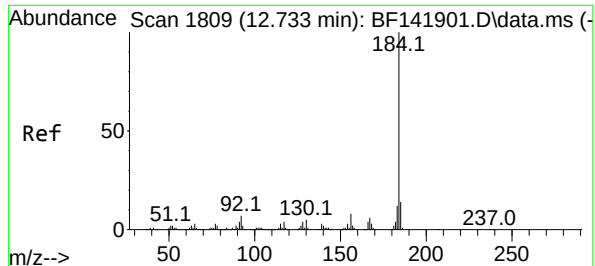
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

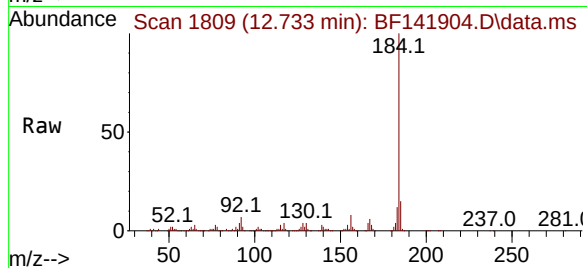
Tgt Ion:240 Resp: 424370
Ion Ratio Lower Upper
240 100
120 9.3 8.4 12.6
236 25.8 20.5 30.7





#77
Benzidine
Concen: 71.330 ng
RT: 12.733 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

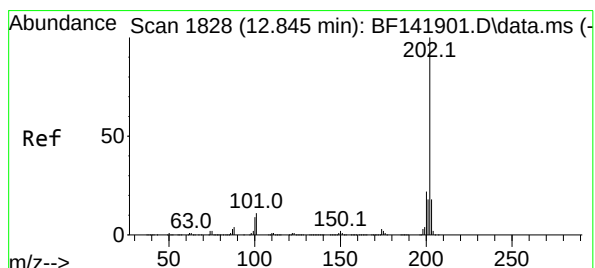
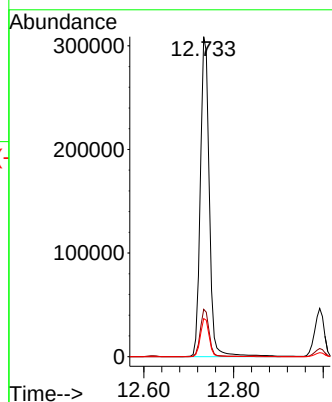
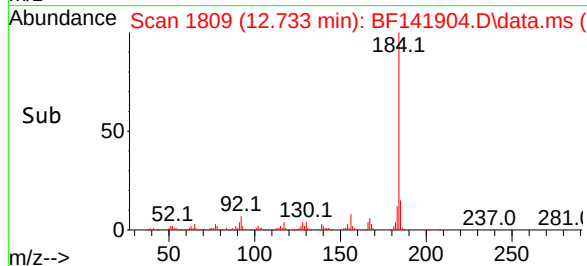
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



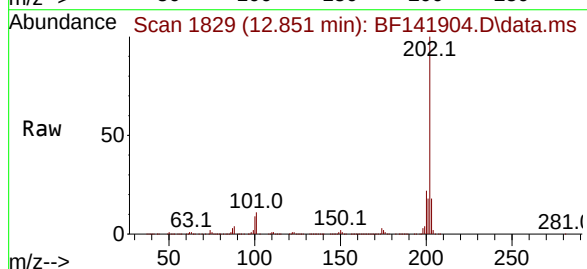
Tgt Ion:184 Resp: 427770
Ion Ratio Lower Upper
184 100
185 14.8 11.5 17.3
183 11.9 9.7 14.5

Manual Integrations
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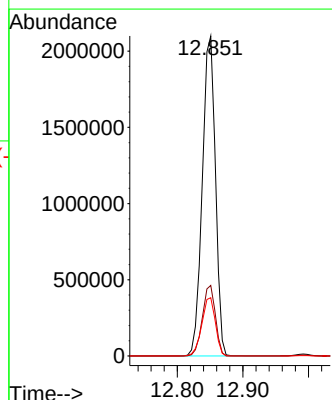
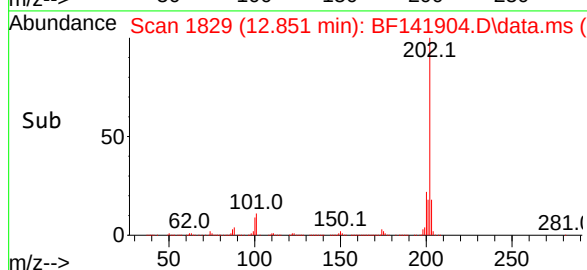
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025

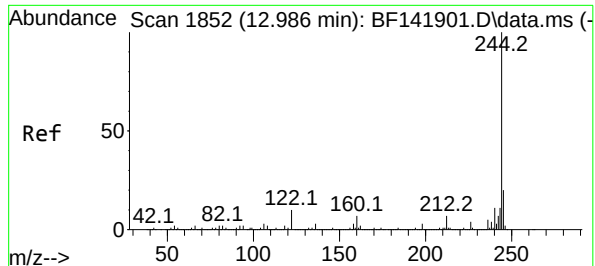


#78
Pyrene
Concen: 80.513 ng
RT: 12.851 min Scan# 1829
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27



Tgt Ion:202 Resp: 2930115
Ion Ratio Lower Upper
202 100
200 22.1 17.3 25.9
203 18.2 14.4 21.6





#79

Terphenyl-d14

Concen: 163.713 ng

RT: 12.992 min Scan# 1853

Delta R.T. 0.006 min

Lab File: BF141904.D

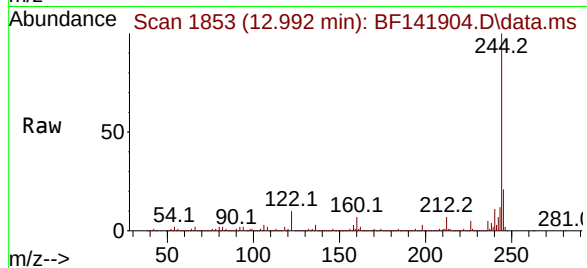
Acq: 10 Mar 2025 14:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:244 Resp: 4700020

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

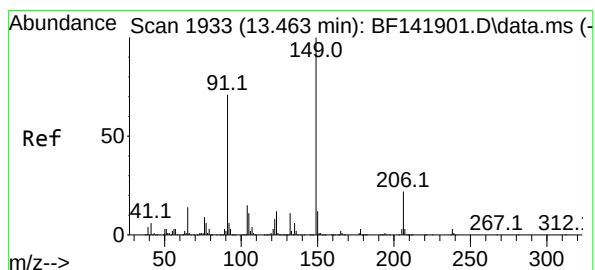
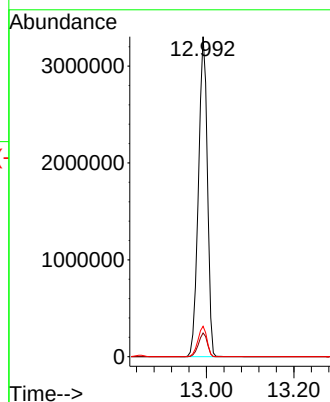
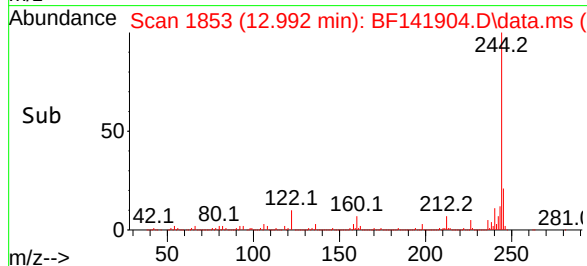
122 9.5 7.7 11.5

Manual Integrations

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Reviewed By :Anahy Claudio 03/11/2025

Supervised By :Jagrut Upadhyay 03/11/2025



#80

Butylbenzylphthalate

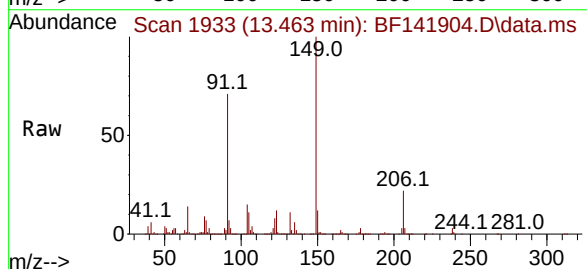
Concen: 80.189 ng

RT: 13.463 min Scan# 1933

Delta R.T. 0.000 min

Lab File: BF141904.D

Acq: 10 Mar 2025 14:27



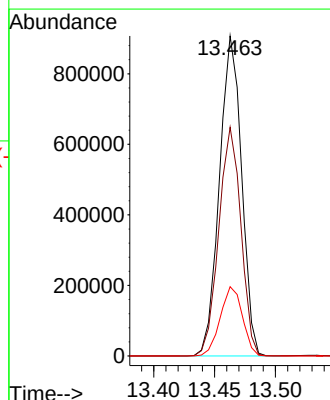
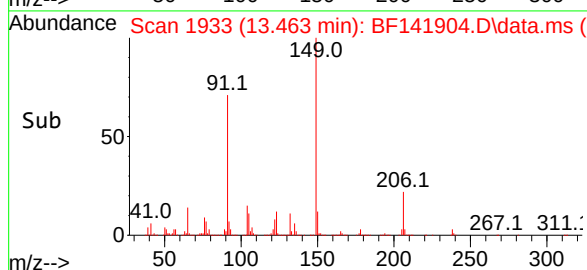
Tgt Ion:149 Resp: 1149989

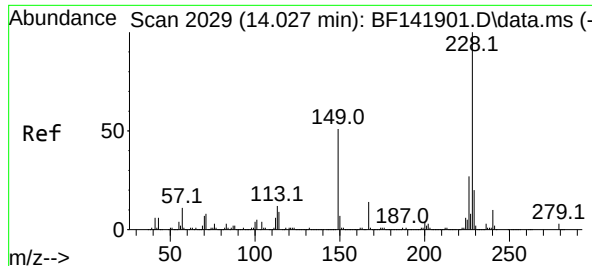
Ion Ratio Lower Upper

149 100

91 71.4 56.5 84.7

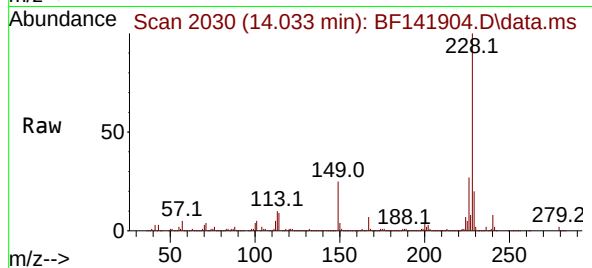
206 21.7 17.3 25.9





#81
Benzo(a)anthracene
Concen: 78.692 ng
RT: 14.033 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

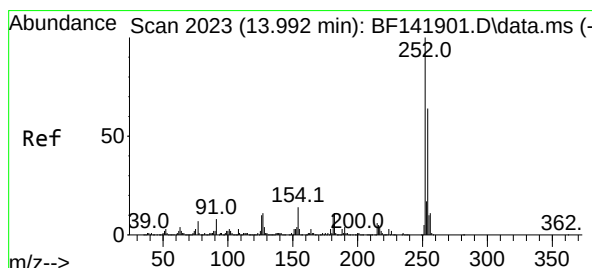
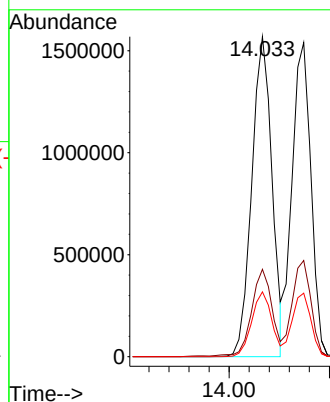
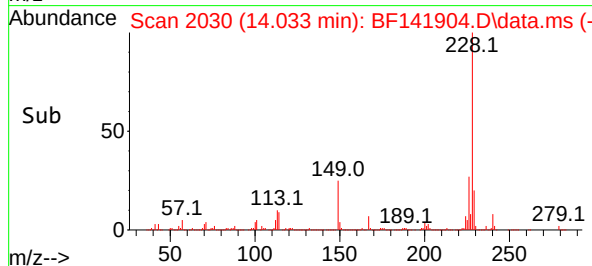
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:228 Resp: 219693
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 20.3 16.0 24.0

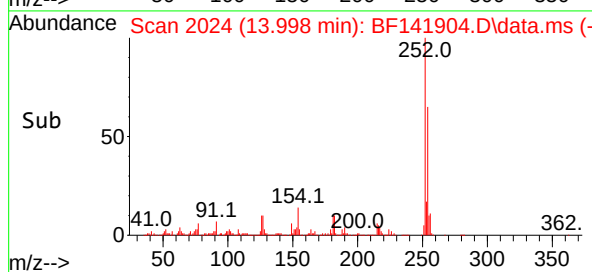
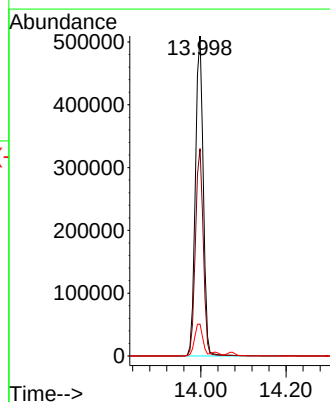
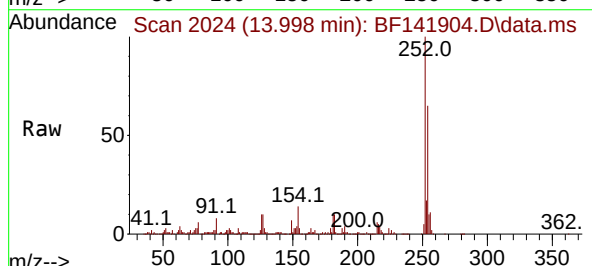
Manual Integrations
APPROVED

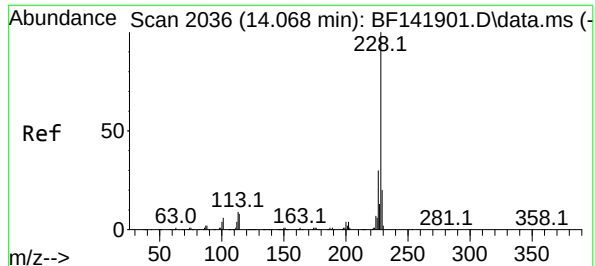
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#82
3,3'-Dichlorobenzidine
Concen: 80.884 ng
RT: 13.998 min Scan# 2024
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion:252 Resp: 652678
Ion Ratio Lower Upper
252 100
254 64.8 51.0 76.6
126 9.9 8.4 12.6





#83

Chrysene

Concen: 80.498 ng

RT: 14.074 min Scan# 2036

Delta R.T. 0.006 min

Lab File: BF141904.D

Acq: 10 Mar 2025 14:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:228 Resp: 201883

Ion Ratio Lower Upper

228 100

226 30.6 24.1 36.1

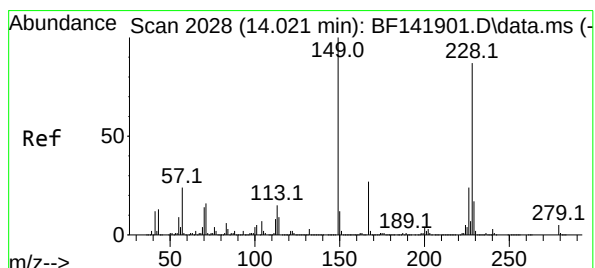
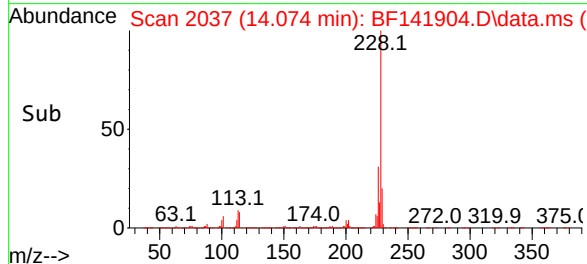
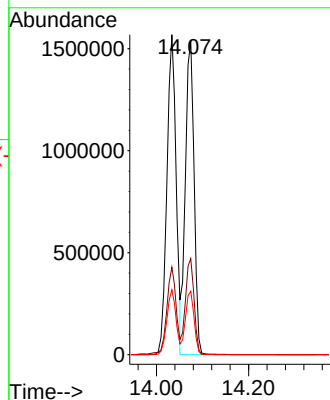
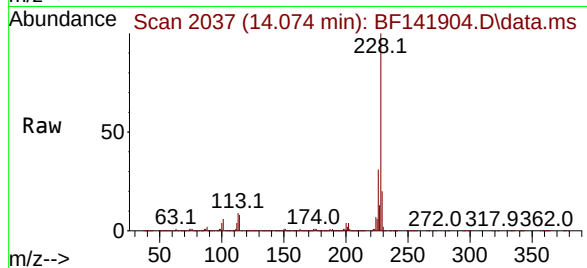
229 20.2 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/11/2025

Supervised By :Jagrut Upadhyay 03/11/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 79.962 ng

RT: 14.021 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF141904.D

Acq: 10 Mar 2025 14:27

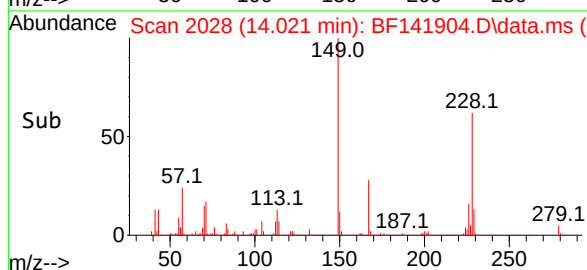
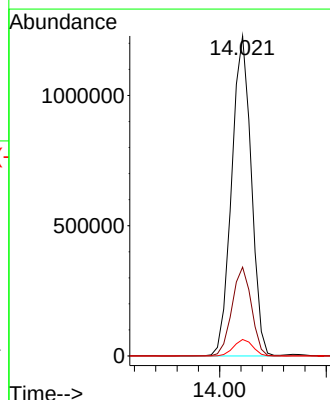
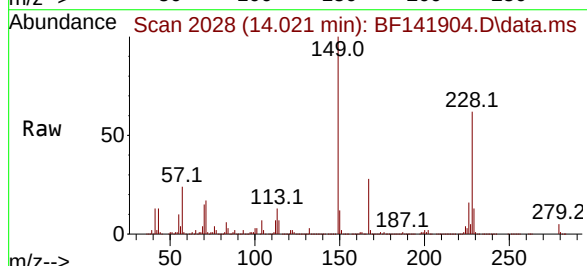
Tgt Ion:149 Resp: 1573231

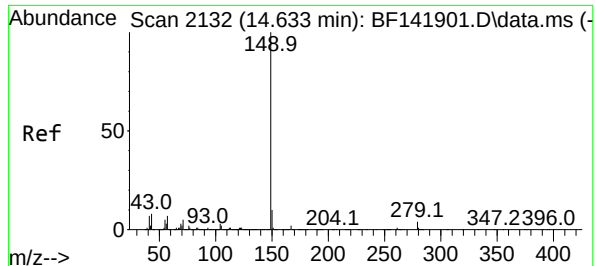
Ion Ratio Lower Upper

149 100

167 27.7 21.4 32.0

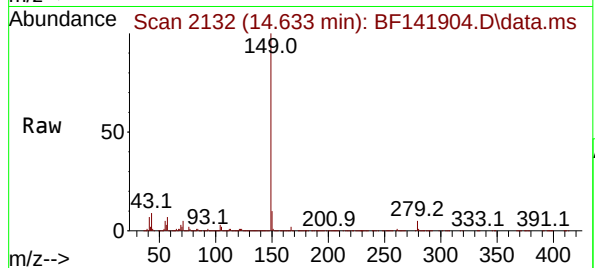
279 5.2 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 84.386 ng
RT: 14.633 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

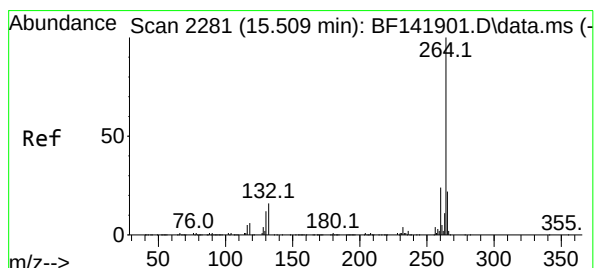
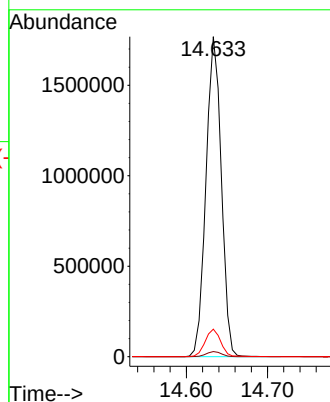
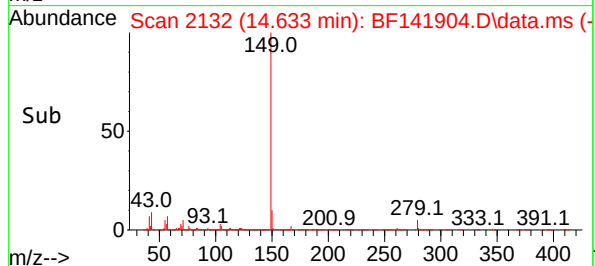
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:149 Resp: 2310830
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.7 6.9 10.3

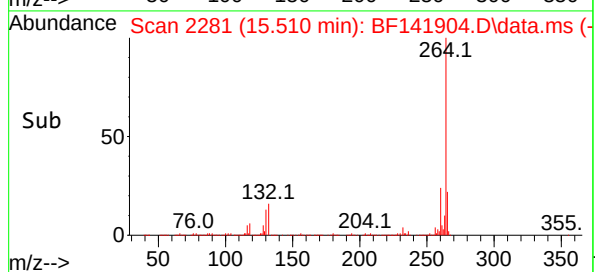
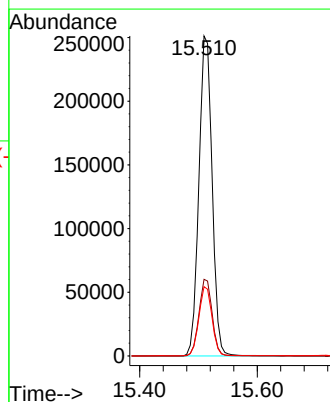
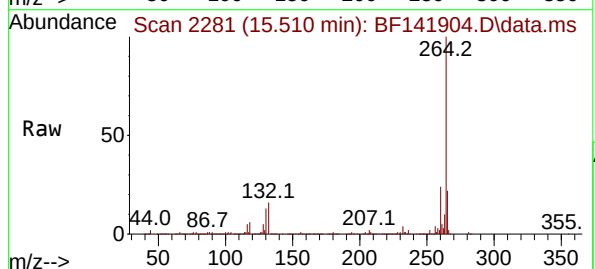
Manual Integrations
APPROVED

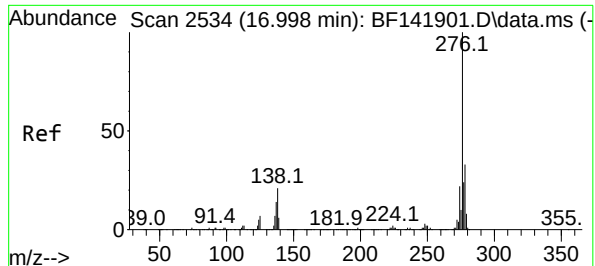
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 2281
Delta R.T. 0.000 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

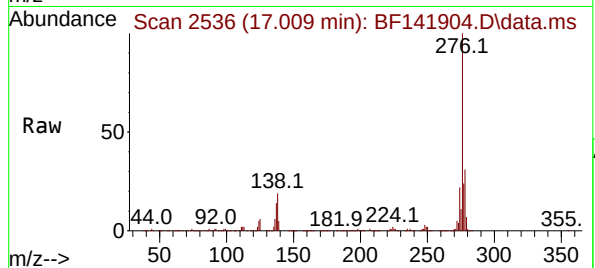
Tgt Ion:264 Resp: 391768
Ion Ratio Lower Upper
264 100
260 23.9 19.1 28.7
265 21.7 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 88.111 ng
RT: 17.009 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

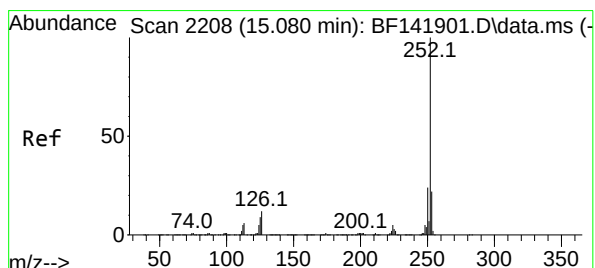
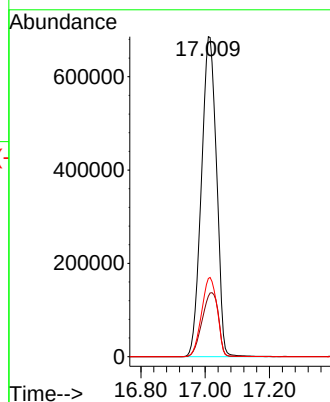
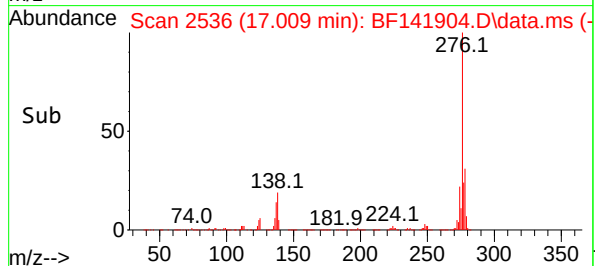
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:276 Resp: 223858
Ion Ratio Lower Upper
276 100
138 21.6 18.4 27.6
277 25.5 20.3 30.5

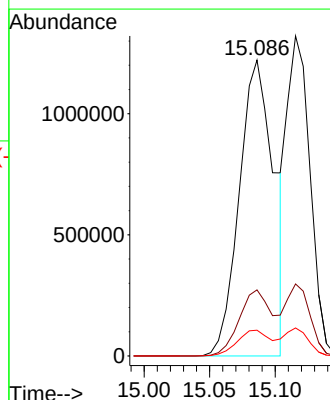
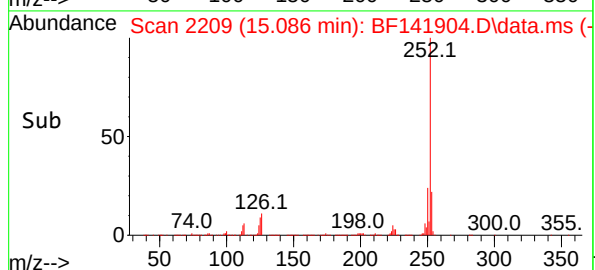
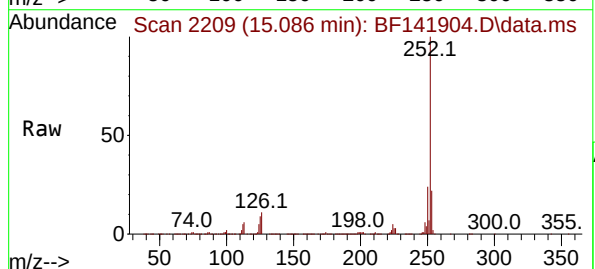
Manual Integrations
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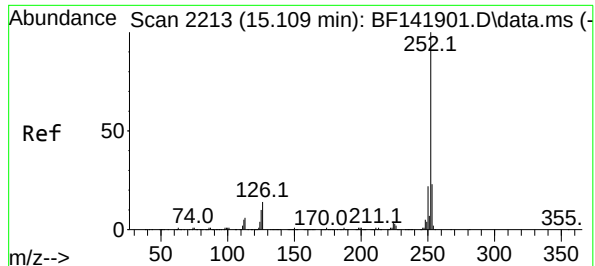
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#88
Benzo(b)fluoranthene
Concen: 84.536 ng
RT: 15.086 min Scan# 2209
Delta R.T. 0.006 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion:252 Resp: 2246428
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 8.7 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 70.292 ng

RT: 15.116 min Scan# 2214

Delta R.T. 0.006 min

Lab File: BF141904.D

Acq: 10 Mar 2025 14:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:252 Resp: 1631679

Ion Ratio Lower Upper

252 100

253 22.5 17.7 26.5

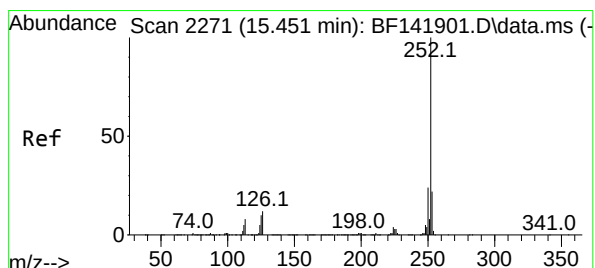
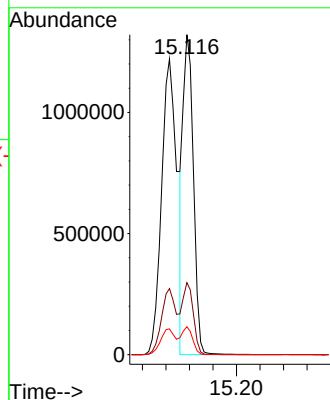
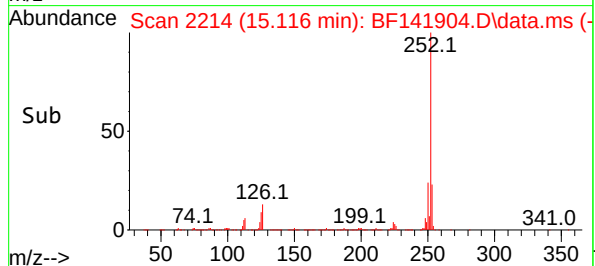
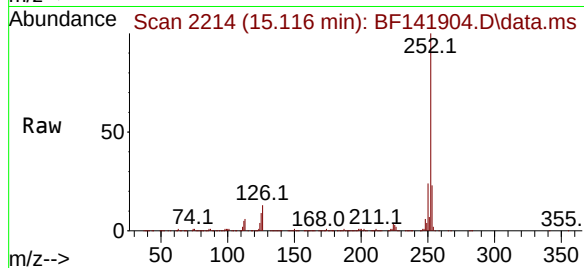
125 8.8 7.2 10.8

Manual Integrations

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Reviewed By :Anahy Claudio 03/11/2025

Supervised By :Jagrut Upadhyay 03/11/2025



#90

Benzo(a)pyrene

Concen: 82.339 ng

RT: 15.457 min Scan# 2272

Delta R.T. 0.006 min

Lab File: BF141904.D

Acq: 10 Mar 2025 14:27

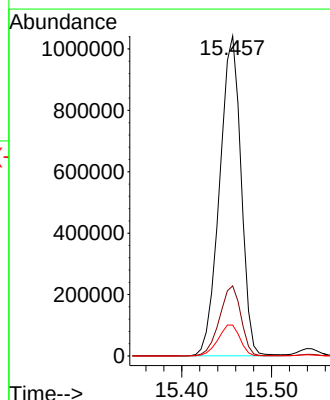
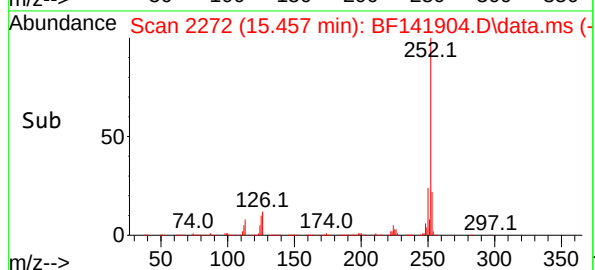
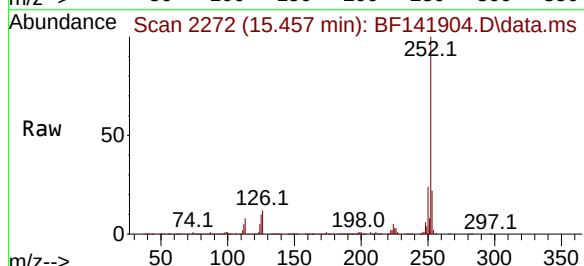
Tgt Ion:252 Resp: 1725632

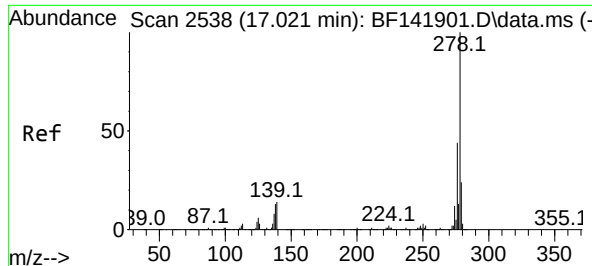
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

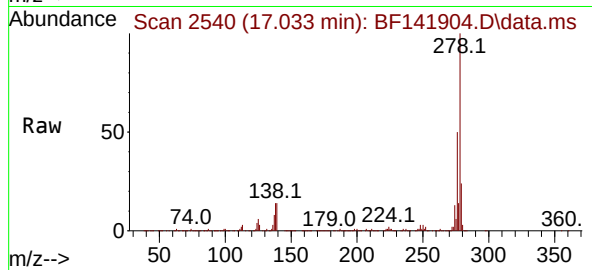
125 9.7 7.8 11.8





#91
Dibenzo(a,h)anthracene
Concen: 88.098 ng
RT: 17.033 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

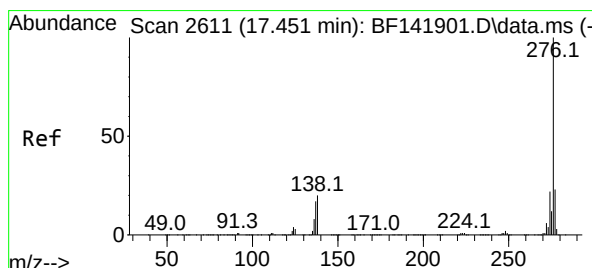
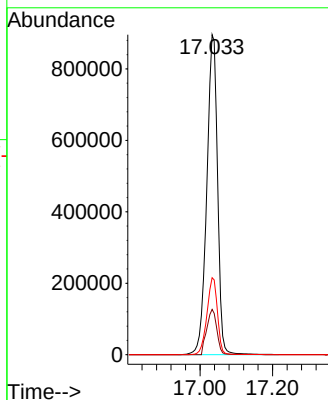
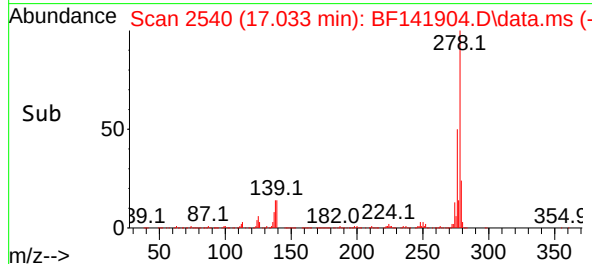
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion: 278 Resp: 1846778
Ion Ratio Lower Upper
278 100
139 14.1 11.4 17.2
279 24.1 18.8 28.2

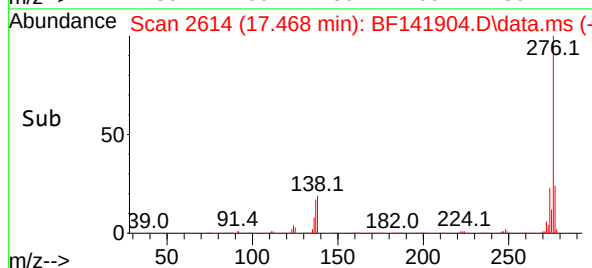
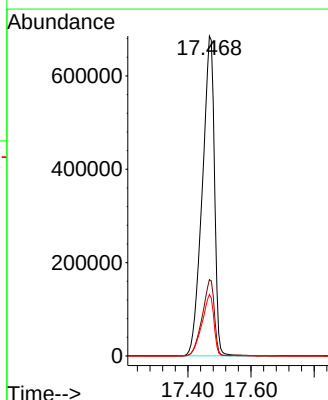
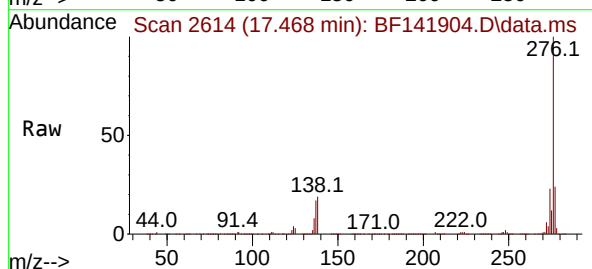
Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#92
Benzo(g,h,i)perylene
Concen: 87.950 ng
RT: 17.468 min Scan# 2614
Delta R.T. 0.018 min
Lab File: BF141904.D
Acq: 10 Mar 2025 14:27

Tgt Ion: 276 Resp: 1828662
Ion Ratio Lower Upper
276 100
277 23.8 18.7 28.1
138 19.2 15.8 23.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
 Data File : BF141905.D
 Acq On : 10 Mar 2025 15:20
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Mar 10 15:39:09 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:01:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	215017	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	877329	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	481971	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	811142	20.000	ng	0.00
76) Chrysene-d12	14.045	240	491943	20.000	ng	0.00
86) Perylene-d12	15.509	264	413564	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	1249601	96.967	ng	0.00
7) Phenol-d6	6.504	99	1594608	97.156	ng	0.00
23) Nitrobenzene-d5	7.445	82	1507471	96.304	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	625035	102.342	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	3064989	96.836	ng	0.00
79) Terphenyl-d14	12.992	244	3394803	102.007	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	266045	49.258	ng	99
3) Pyridine	3.434	79	646627	48.716	ng	99
4) n-Nitrosodimethylamine	3.398	42	320008	50.718	ng	99
6) Aniline	6.545	93	775854	47.884	ng	99
8) 2-Chlorophenol	6.669	128	696154	48.738	ng	100
9) Benzaldehyde	6.434	77	418049	45.569	ng	99
10) Phenol	6.522	94	829086	47.876	ng	96
11) bis(2-Chloroethyl)ether	6.616	93	631516	48.672	ng	100
12) 1,3-Dichlorobenzene	6.822	146	753352	48.807	ng	99
13) 1,4-Dichlorobenzene	6.898	146	756875	48.465	ng	100
14) 1,2-Dichlorobenzene	7.051	146	706635	48.049	ng	100
15) Benzyl Alcohol	7.022	79	652454	49.113	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	745710	47.687	ng	100
17) 2-Methylphenol	7.128	107	557981	49.153	ng	99
18) Hexachloroethane	7.392	117	290127	49.551	ng	99
19) n-Nitroso-di-n-propyla...	7.298	70	505166	47.887	ng	99
20) 3+4-Methylphenols	7.286	107	704563	48.388	ng	# 86
22) Acetophenone	7.292	105	987577	46.924	ng	97
24) Nitrobenzene	7.463	77	752936	48.514	ng	99
25) Isophorone	7.704	82	1327254	48.027	ng	99
26) 2-Nitrophenol	7.781	139	392772	51.644	ng	100
27) 2,4-Dimethylphenol	7.810	122	510395	48.725	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	826776	47.757	ng	100
29) 2,4-Dichlorophenol	8.016	162	647319	49.793	ng	100
30) 1,2,4-Trichlorobenzene	8.104	180	697274	48.617	ng	99
31) Naphthalene	8.186	128	2196111	48.863	ng	100
32) Benzoic acid	7.939	122	500593	54.676	ng	100
33) 4-Chloroaniline	8.233	127	775699	48.909	ng	99
34) Hexachlorobutadiene	8.304	225	469787	50.376	ng	99
35) Caprolactam	8.616	113	193267	48.891	ng	95
36) 4-Chloro-3-methylphenol	8.710	107	721800	49.925	ng	100
37) 2-Methylnaphthalene	8.875	142	1436485	47.638	ng	100
38) 1-Methylnaphthalene	8.975	142	1357356	46.482	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	719431	48.955	ng	99
41) Hexachlorocyclopentadiene	9.027	237	284968	49.142	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	481782	50.291	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
 Data File : BF141905.D
 Acq On : 10 Mar 2025 15:20
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

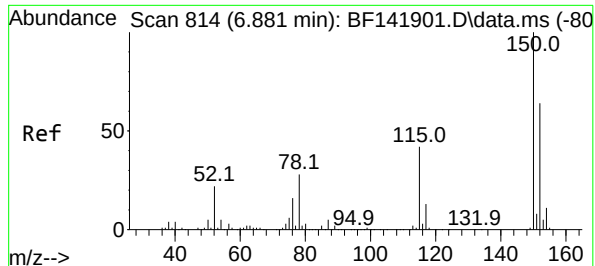
Quant Time: Mar 10 15:39:09 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:01:52 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	482570	49.580	ng	99
46) 1,1'-Biphenyl	9.339	154	1809746	49.526	ng	99
47) 2-Chloronaphthalene	9.369	162	1360528	49.960	ng	99
48) 2-Nitroaniline	9.457	65	429111	54.854	ng	97
49) Acenaphthylene	9.780	152	2005538	49.674	ng	100
50) Dimethylphthalate	9.645	163	1716995	51.273	ng	100
51) 2,6-Dinitrotoluene	9.704	165	370368	53.184	ng	96
52) Acenaphthene	9.957	154	1377901	48.333	ng	98
53) 3-Nitroaniline	9.874	138	340633	47.638	ng	100
54) 2,4-Dinitrophenol	9.975	184	184410	49.104	ng	# 58
55) Dibenzofuran	10.127	168	1936780	47.647	ng	99
56) 4-Nitrophenol	10.022	139	276487	51.474	ng	99
57) 2,4-Dinitrotoluene	10.104	165	461276	50.321	ng	97
58) Fluorene	10.469	166	1497123	47.708	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	438025	49.600	ng	100
60) Diethylphthalate	10.339	149	1635073	48.639	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	799744	48.929	ng	99
62) 4-Nitroaniline	10.486	138	346378	49.990	ng	99
63) Azobenzene	10.622	77	1519356	48.653	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	262910	54.673	ng	99
66) n-Nitrosodiphenylamine	10.580	169	1293745	49.373	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	532762	52.740	ng	97
68) Hexachlorobenzene	11.016	284	573467	51.359	ng	97
69) Atrazine	11.104	200	418147	65.441	ng	99
70) Pentachlorophenol	11.204	266	365292	53.050	ng	99
71) Phenanthrene	11.433	178	2080633	47.434	ng	100
72) Anthracene	11.480	178	2081490	47.299	ng	99
73) Carbazole	11.633	167	1831424	48.338	ng	99
74) Di-n-butylphthalate	11.963	149	2510447	50.185	ng	99
75) Fluoranthene	12.616	202	2328357	50.564	ng	99
77) Benzidine	12.733	184	270893	38.966	ng	99
78) Pyrene	12.845	202	2308671	54.723	ng	100
80) Butylbenzylphthalate	13.463	149	864849	52.022	ng	99
81) Benzo(a)anthracene	14.033	228	1592035	49.192	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	449408	48.044	ng	99
83) Chrysene	14.068	228	1465389	50.404	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	1203021	52.747	ng	99
85) Di-n-octyl phthalate	14.633	149	1692206	53.307	ng	100
87) Indeno(1,2,3-cd)pyrene	17.003	276	1366974	50.969	ng	99
88) Benzo(b)fluoranthene	15.080	252	1392083	49.625	ng	99
89) Benzo(k)fluoranthene	15.109	252	1167351	47.638	ng	100
90) Benzo(a)pyrene	15.451	252	1119256	50.591	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	1131875	51.149	ng	99
92) Benzo(g,h,i)perylene	17.456	276	1099760	50.106	ng	99

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

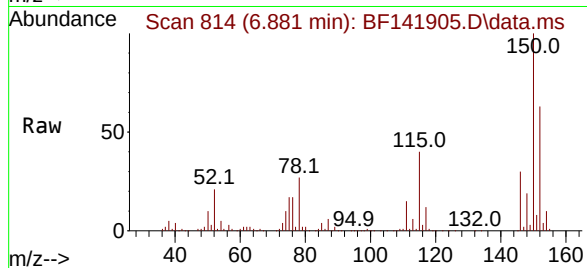
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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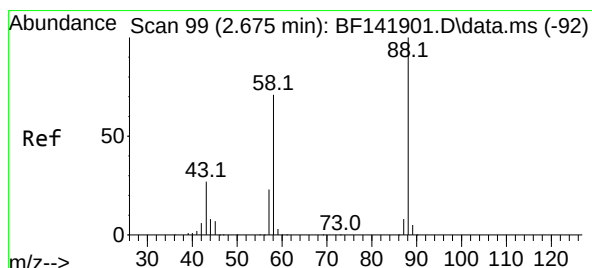
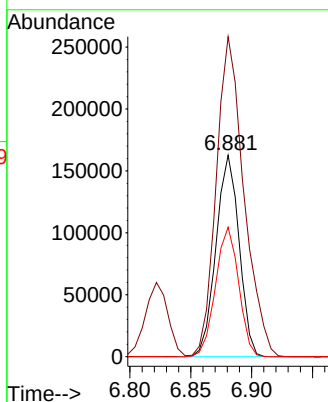
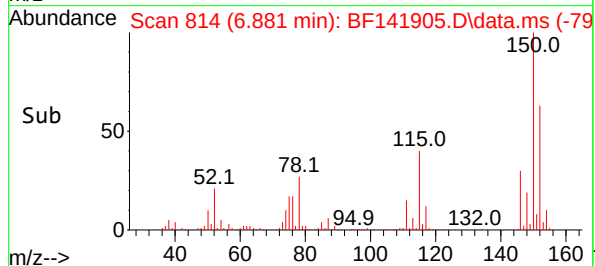


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

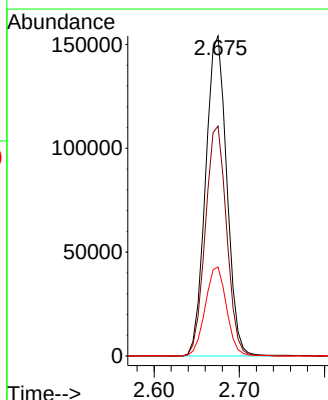
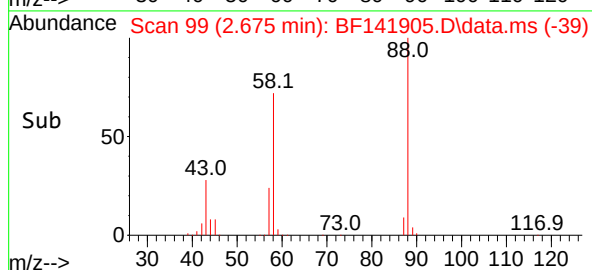
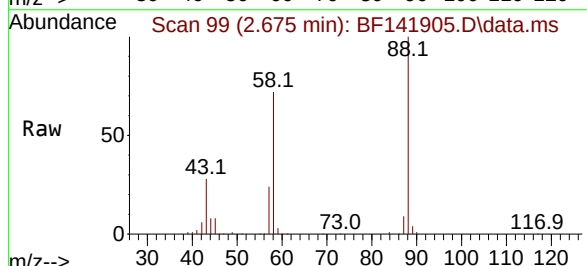


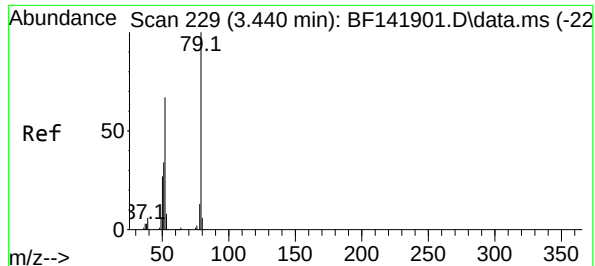
Tgt Ion:152 Resp: 215017
Ion Ratio Lower Upper
152 100
150 158.8 127.4 191.2
115 64.3 51.9 77.9



#2
1,4-Dioxane
Concen: 49.258 ng
RT: 2.675 min Scan# 99
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion: 88 Resp: 266045
Ion Ratio Lower Upper
88 100
58 72.1 57.4 86.2
43 27.9 21.5 32.3





#3

Pyridine

Concen: 48.716 ng

RT: 3.434 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF141905.D

Acq: 10 Mar 2025 15:20

Instrument :

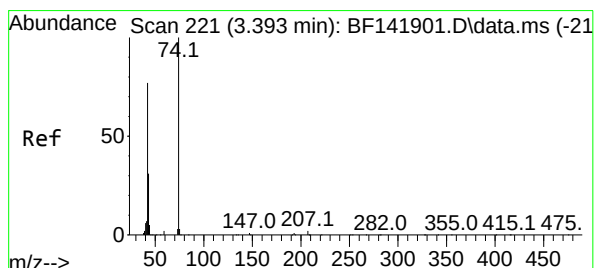
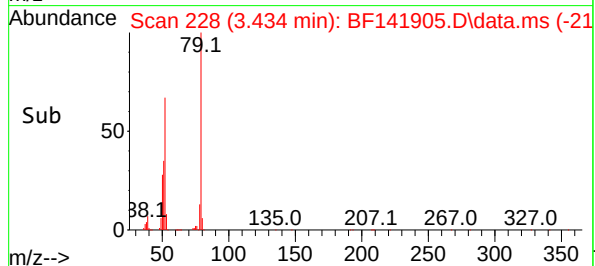
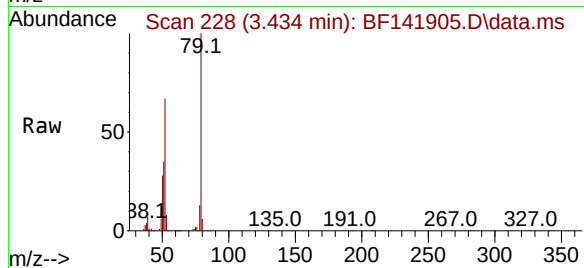
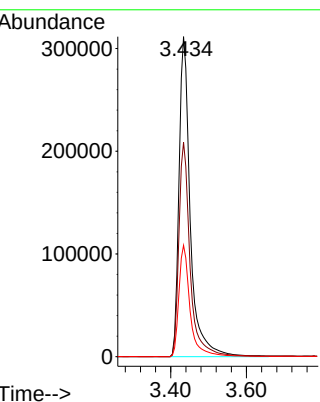
BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 79 Resp: 646627

Ion	Ratio	Lower	Upper
79	100		
52	67.0	53.3	79.9
51	34.8	27.6	41.4



#4

n-Nitrosodimethylamine

Concen: 50.718 ng

RT: 3.398 min Scan# 222

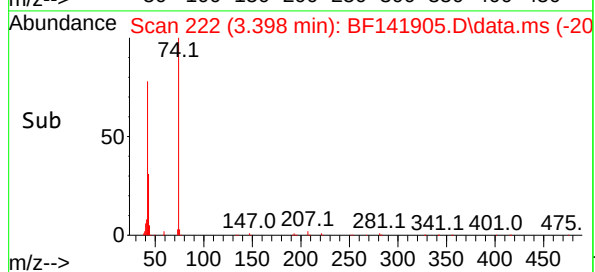
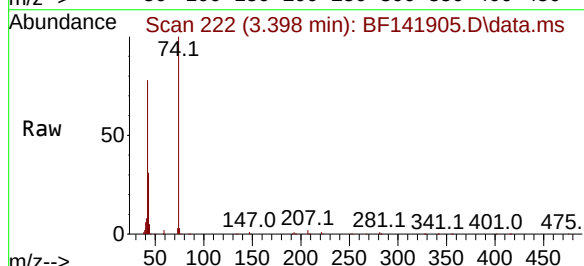
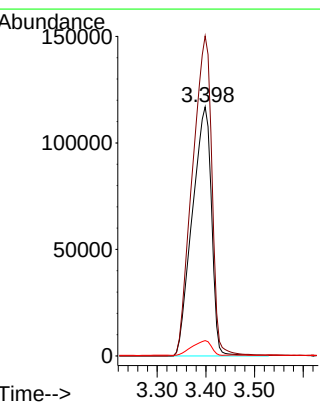
Delta R.T. 0.006 min

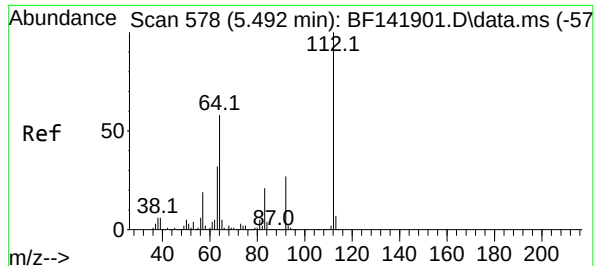
Lab File: BF141905.D

Acq: 10 Mar 2025 15:20

Tgt Ion: 42 Resp: 320008

Ion	Ratio	Lower	Upper
42	100		
74	128.4	103.4	155.0
44	6.2	5.0	7.4

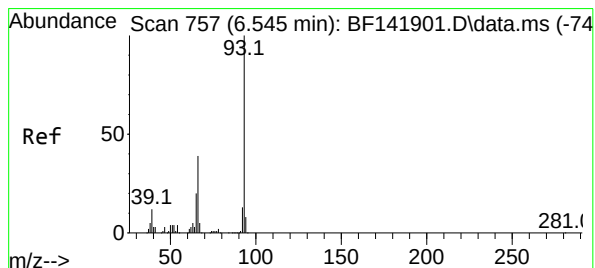
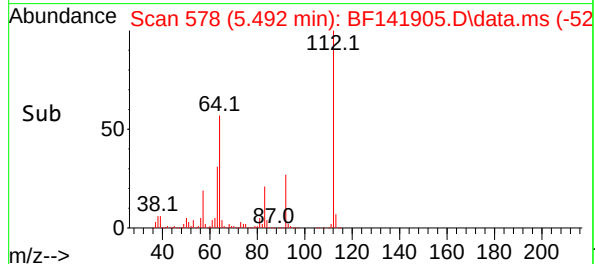
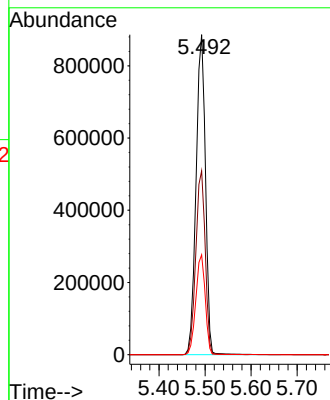
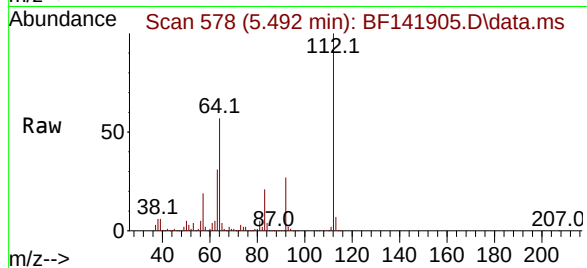




#5
2-Fluorophenol
Concen: 96.967 ng
RT: 5.492 min Scan# 512
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

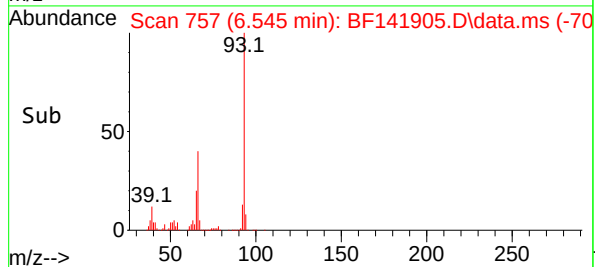
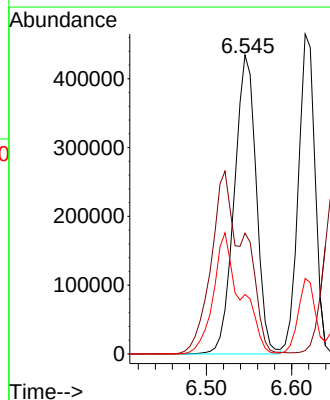
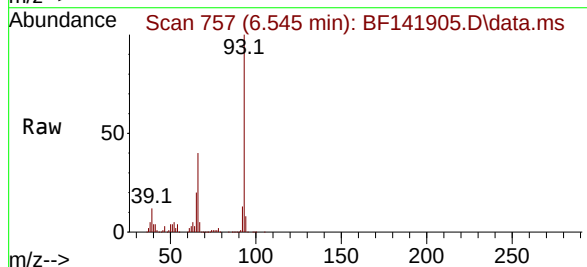
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

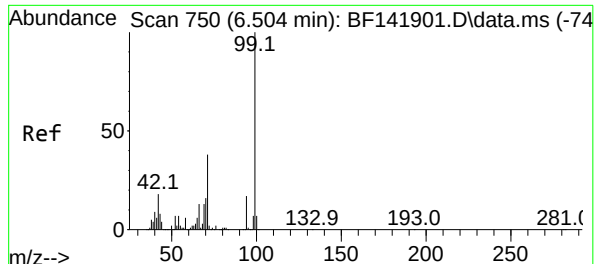
Tgt Ion:112 Resp: 1249601
Ion Ratio Lower Upper
112 100
64 57.5 46.5 69.7
63 31.2 25.4 38.2



#6
Aniline
Concen: 47.884 ng
RT: 6.545 min Scan# 757
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion: 93 Resp: 775854
Ion Ratio Lower Upper
93 100
66 40.4 31.9 47.9
65 19.9 15.8 23.6





#7

Phenol-d6

Concen: 97.156 ng

RT: 6.504 min Scan# 750

Delta R.T. -0.000 min

Lab File: BF141905.D

Acq: 10 Mar 2025 15:20

Instrument :

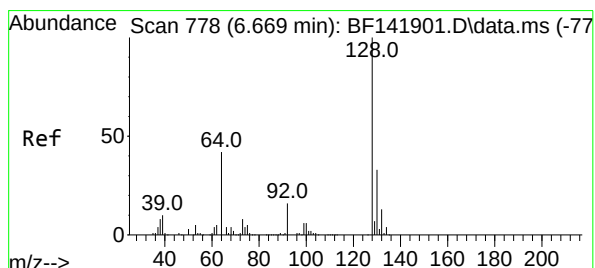
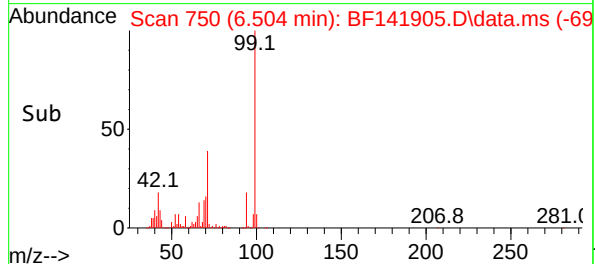
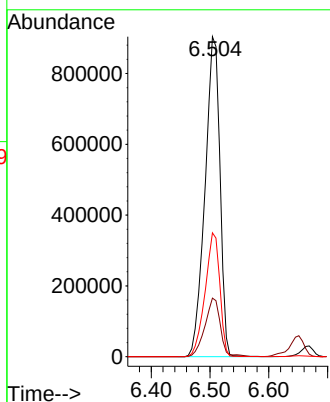
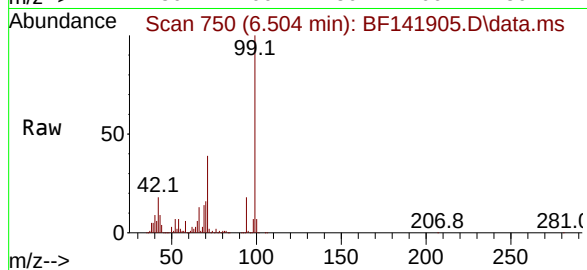
BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 99 Resp: 1594608

Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.6	21.8
71	38.7	30.8	46.2



#8

2-Chlorophenol

Concen: 48.738 ng

RT: 6.669 min Scan# 778

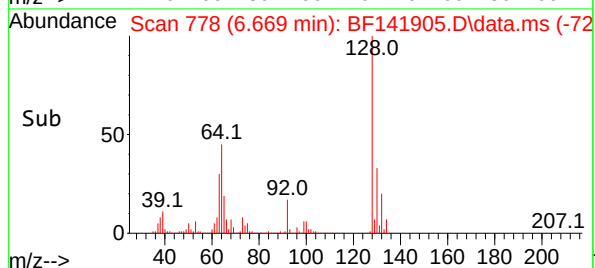
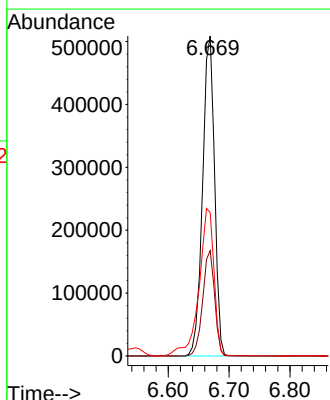
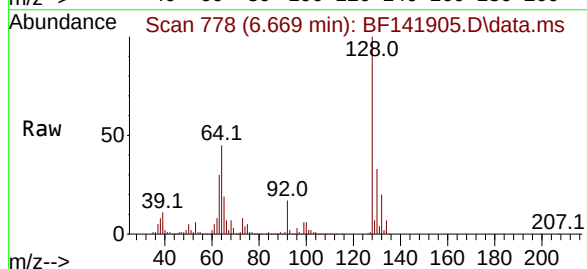
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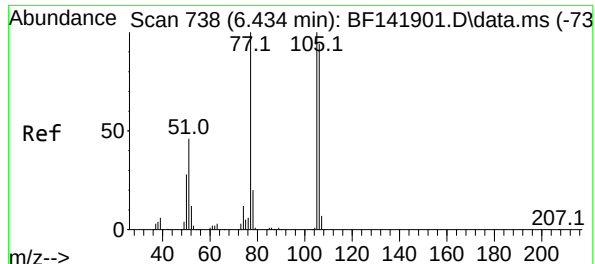
Lab File: BF141905.D

Acq: 10 Mar 2025 15:20

Tgt Ion: 128 Resp: 696154

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.8	52.8
64	44.8	24.4	64.4





#9

Benzaldehyde

Concen: 45.569 ng

RT: 6.434 min Scan# 738

Delta R.T. -0.000 min

Lab File: BF141905.D

Acq: 10 Mar 2025 15:20

Instrument :

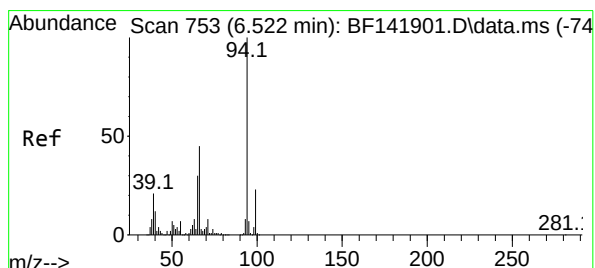
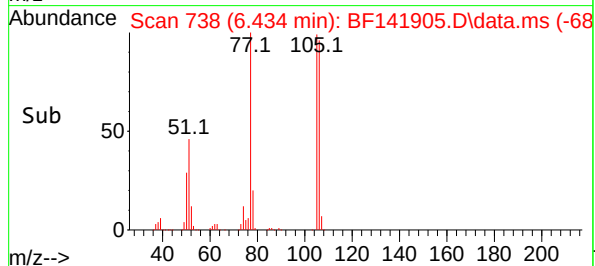
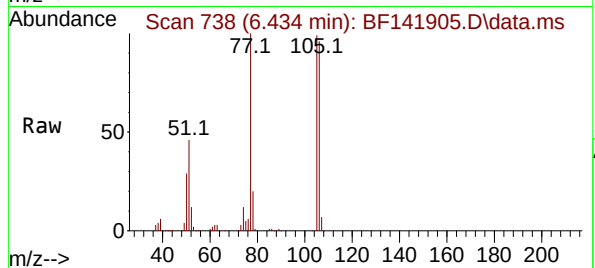
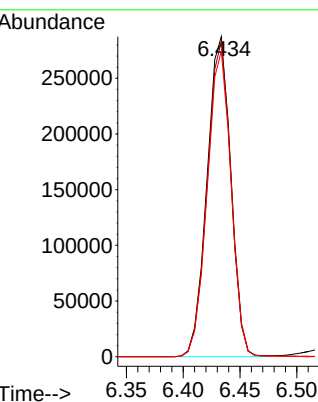
BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 77 Resp: 418049

Ion	Ratio	Lower	Upper
77	100		
105	98.6	80.0	120.0
106	95.5	74.5	114.5



#10

Phenol

Concen: 47.876 ng

RT: 6.522 min Scan# 753

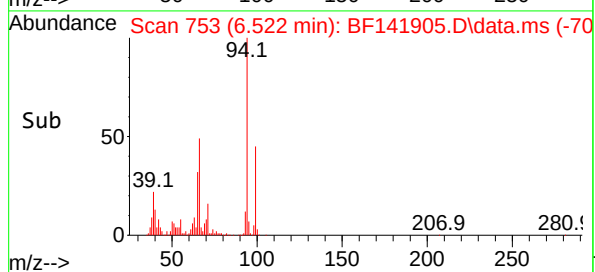
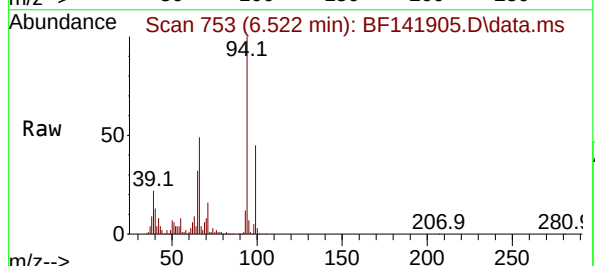
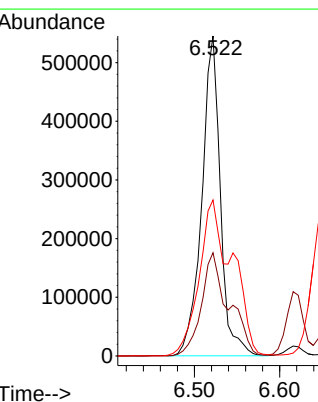
Delta R.T. 0.000 min

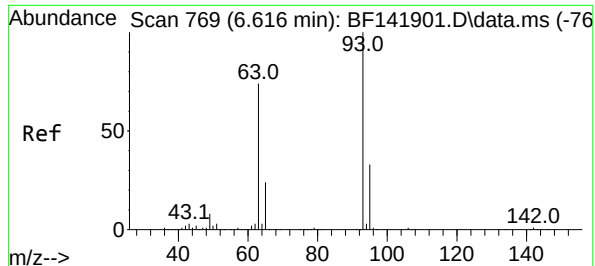
Lab File: BF141905.D

Acq: 10 Mar 2025 15:20

Tgt Ion: 94 Resp: 829086

Ion	Ratio	Lower	Upper
94	100		
65	32.3	10.5	50.5
66	48.7	25.8	65.8

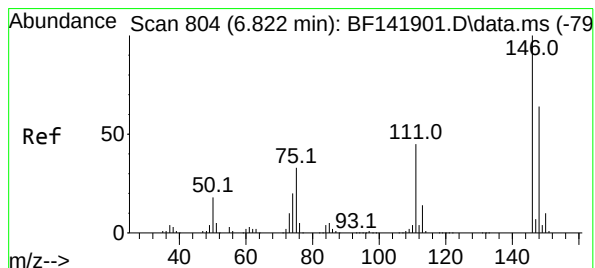
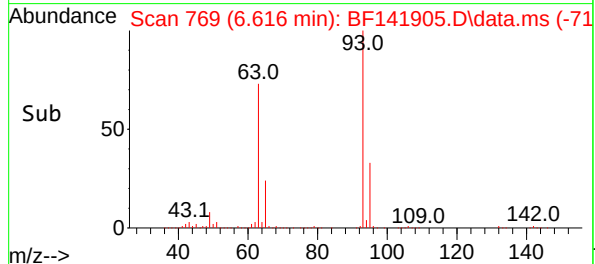
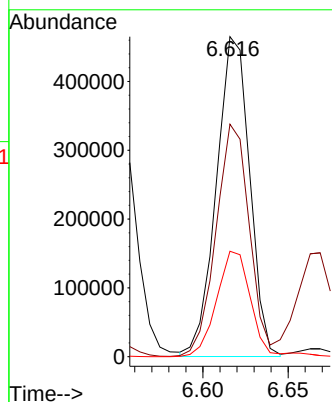
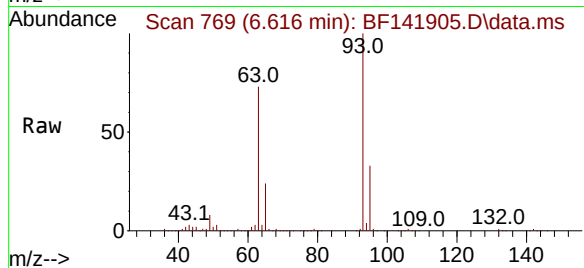




#11
bis(2-Chloroethyl)ether
Concen: 48.672 ng
RT: 6.616 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

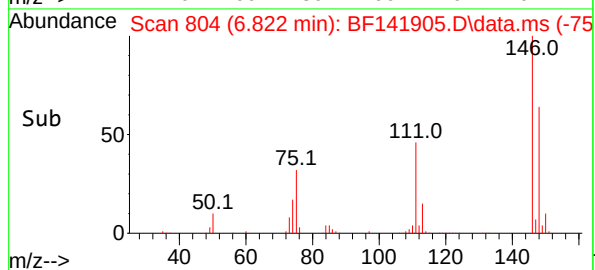
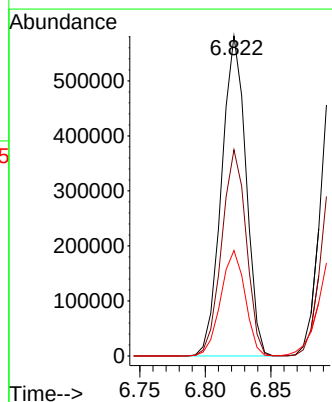
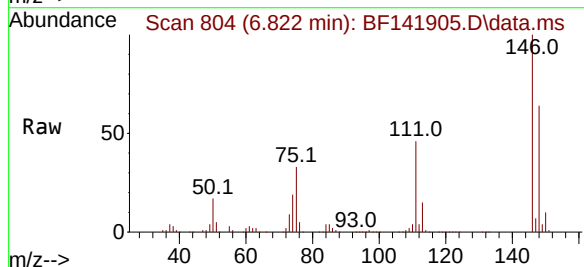
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

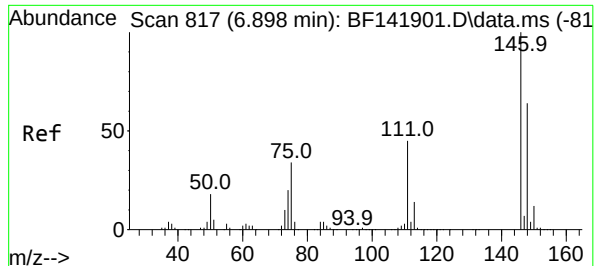
Tgt Ion: 93 Resp: 631516
Ion Ratio Lower Upper
93 100
63 72.7 53.0 93.0
95 33.0 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 48.807 ng
RT: 6.822 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion: 146 Resp: 753352
Ion Ratio Lower Upper
146 100
148 64.5 51.3 76.9
75 32.9 26.6 40.0





#13

1,4-Dichlorobenzene

Concen: 48.465 ng

RT: 6.898 min Scan# 817

Delta R.T. -0.000 min

Lab File: BF141905.D

Acq: 10 Mar 2025 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

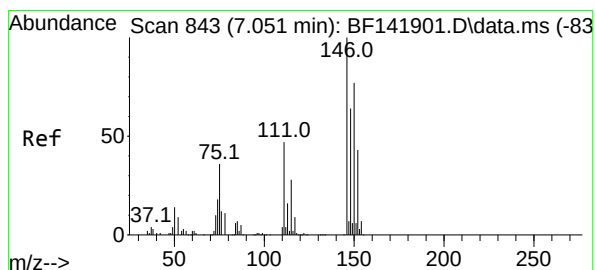
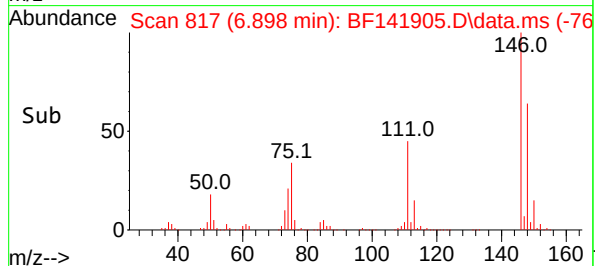
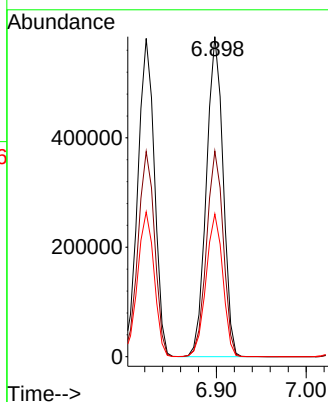
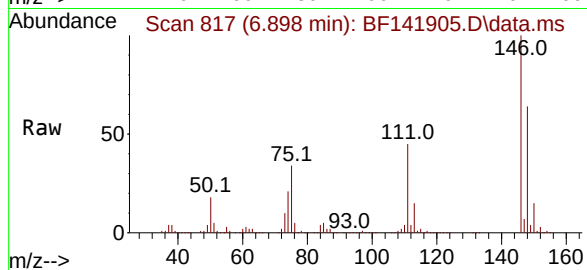
Tgt Ion:146 Resp: 756875

Ion Ratio Lower Upper

146 100

148 64.2 51.0 76.6

111 44.6 35.7 53.5



#14

1,2-Dichlorobenzene

Concen: 48.049 ng

RT: 7.051 min Scan# 843

Delta R.T. -0.000 min

Lab File: BF141905.D

Acq: 10 Mar 2025 15:20

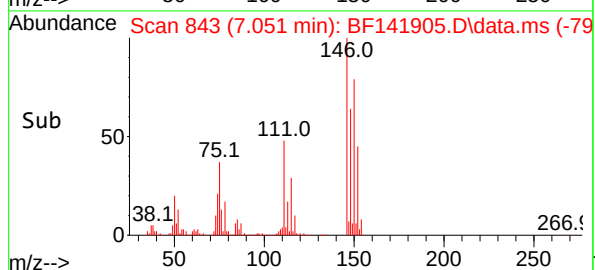
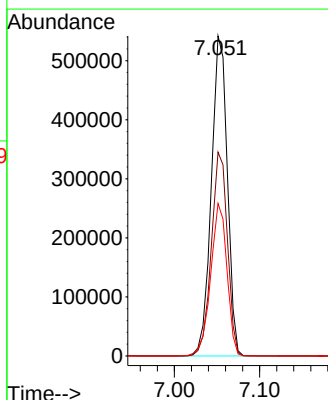
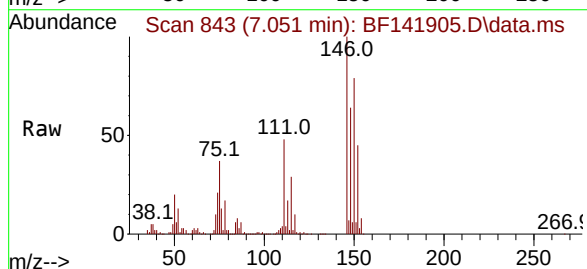
Tgt Ion:146 Resp: 706635

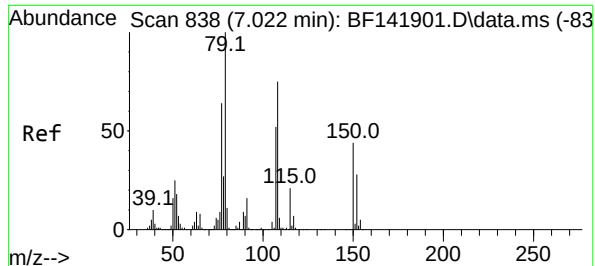
Ion Ratio Lower Upper

146 100

148 63.7 50.8 76.2

111 47.6 38.0 57.0





#15

Benzyl Alcohol

Concen: 49.113 ng

RT: 7.022 min Scan# 838

Delta R.T. 0.000 min

Lab File: BF141905.D

Acq: 10 Mar 2025 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

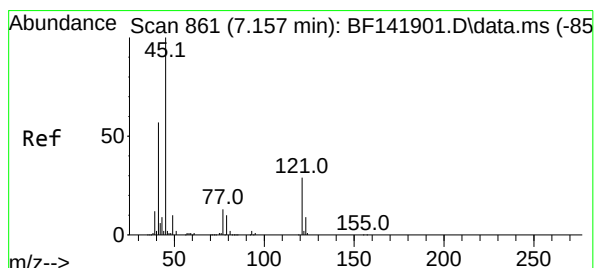
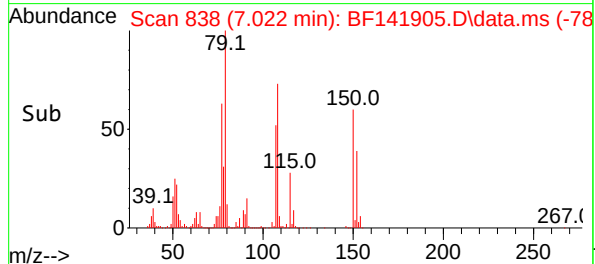
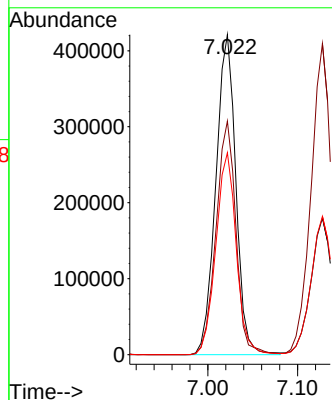
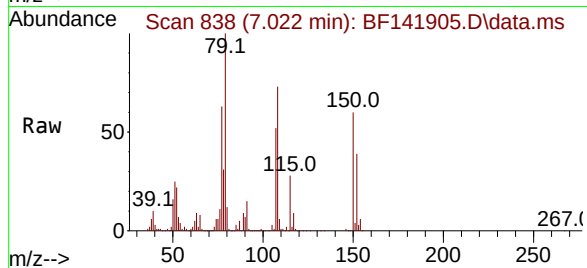
Tgt Ion: 79 Resp: 652454

Ion Ratio Lower Upper

79 100

108 73.0 59.7 89.5

77 63.1 51.0 76.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 47.687 ng

RT: 7.157 min Scan# 861

Delta R.T. -0.000 min

Lab File: BF141905.D

Acq: 10 Mar 2025 15:20

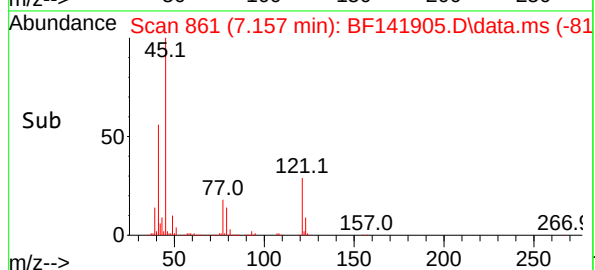
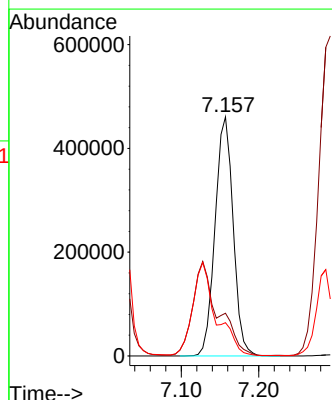
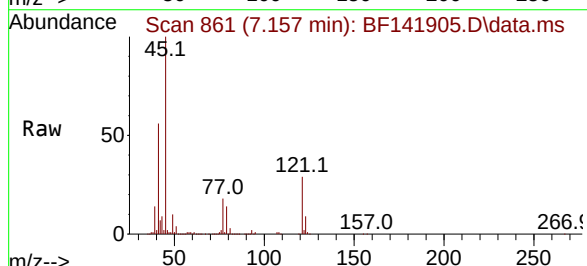
Tgt Ion: 45 Resp: 745710

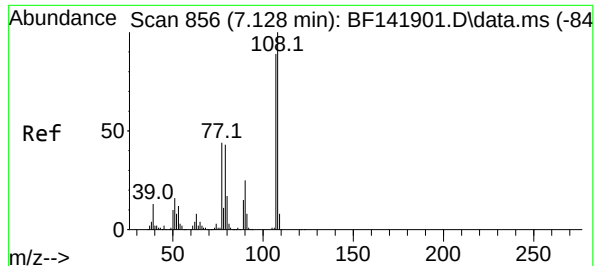
Ion Ratio Lower Upper

45 100

77 17.9 0.0 37.8

79 14.0 0.0 34.2

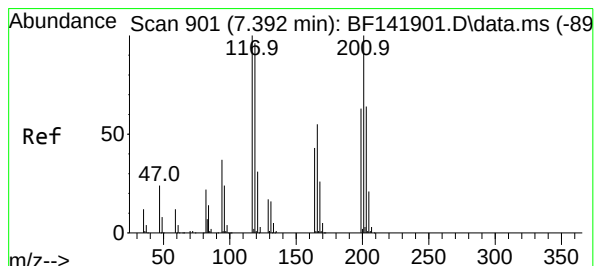
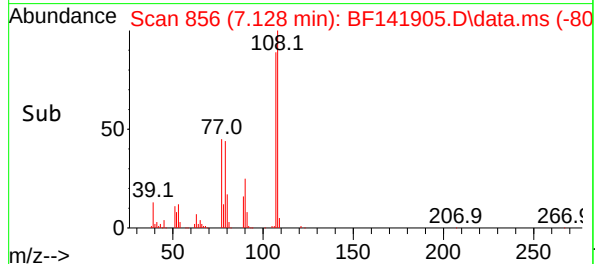
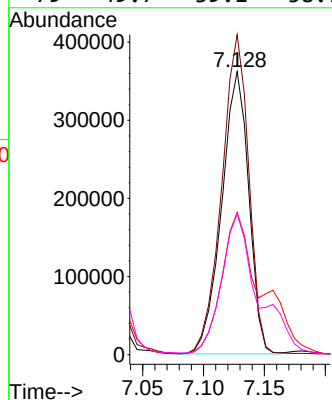
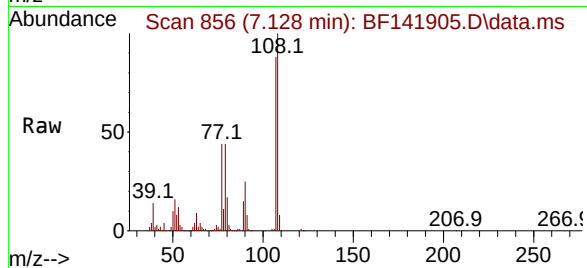




#17
2-Methylphenol
Concen: 49.153 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

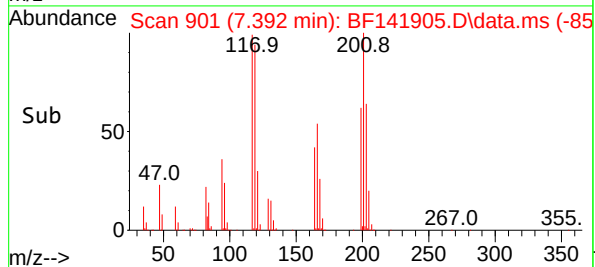
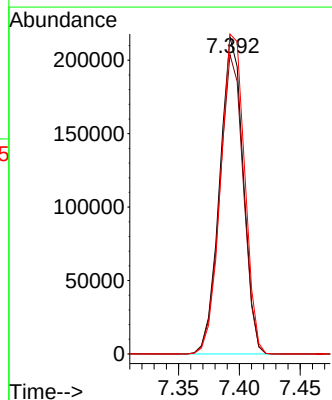
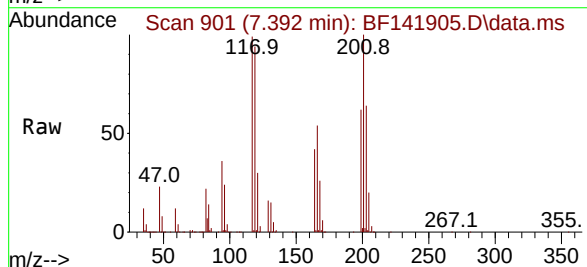
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

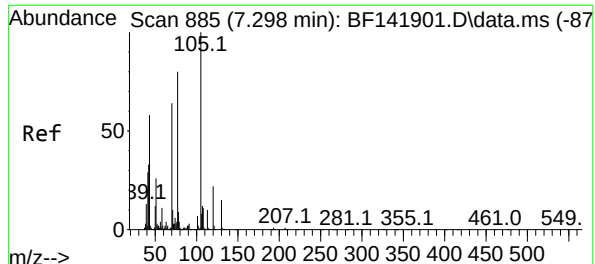
Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.1	90.2	135.2
77	50.3	39.6	59.4
79	49.7	39.1	58.7



#18
Hexachloroethane
Concen: 49.551 ng
RT: 7.392 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	76.9	115.3
201	100.9	79.9	119.9





#19

n-Nitroso-di-n-propylamine

Concen: 47.887 ng

RT: 7.298 min Scan# 885

Delta R.T. -0.000 min

Lab File: BF141905.D

Acq: 10 Mar 2025 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 70 Resp: 505166

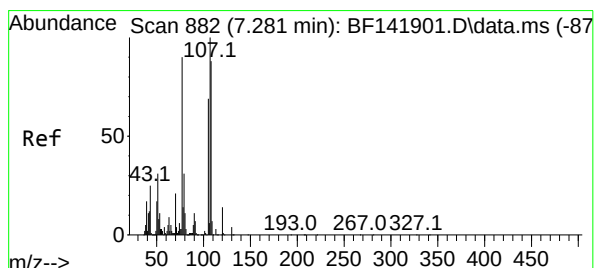
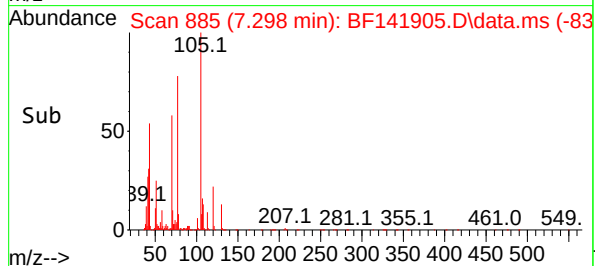
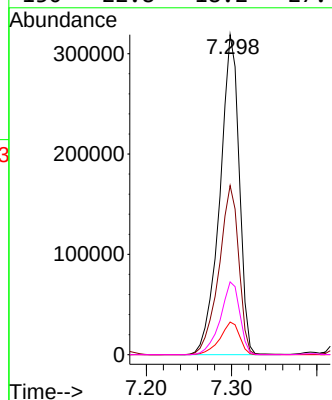
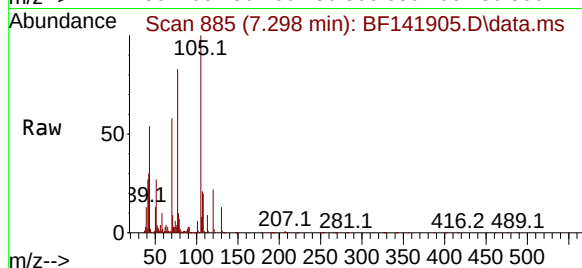
Ion Ratio Lower Upper

70 100

42 52.8 41.4 62.0

101 10.2 8.2 12.2

130 22.8 18.2 27.4



#20

3+4-Methylphenols

Concen: 48.388 ng

RT: 7.286 min Scan# 883

Delta R.T. 0.006 min

Lab File: BF141905.D

Acq: 10 Mar 2025 15:20

Tgt Ion:107 Resp: 704563

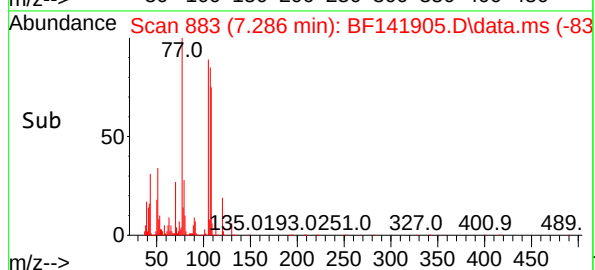
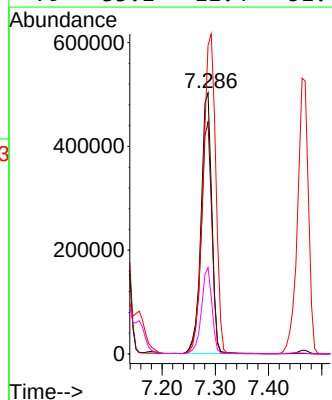
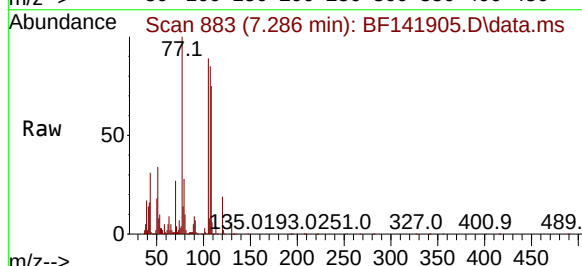
Ion Ratio Lower Upper

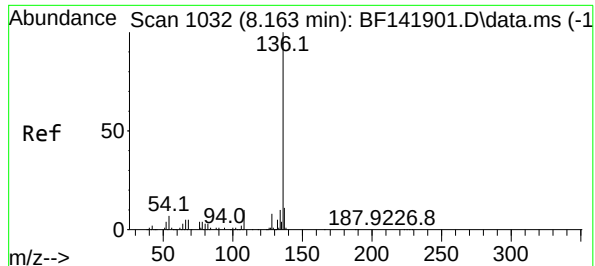
107 100

108 88.9 68.4 108.4

77 118.3 69.7 109.7#

79 33.1 11.4 51.4

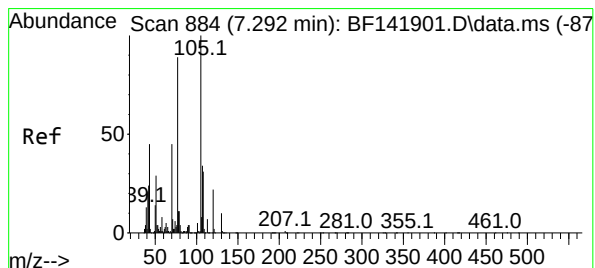
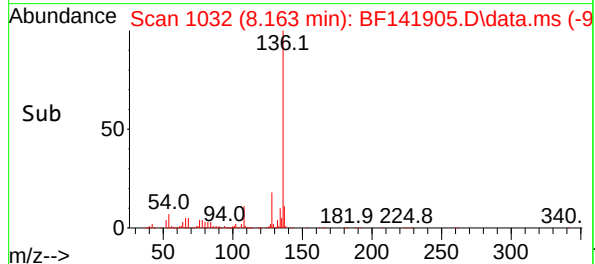
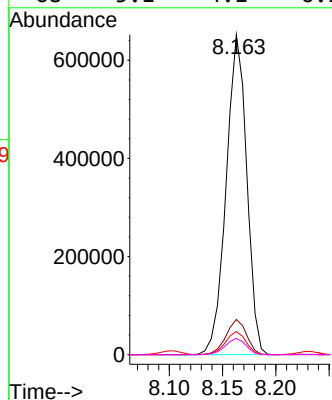
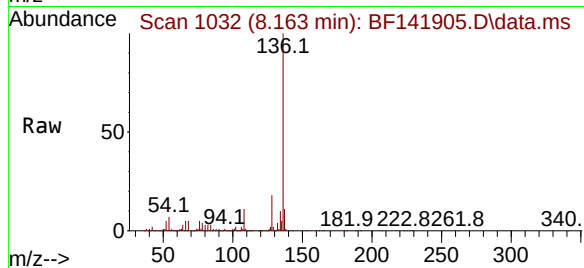




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

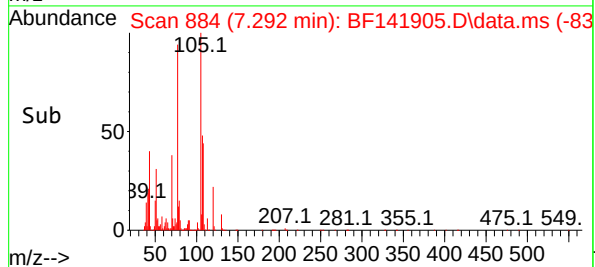
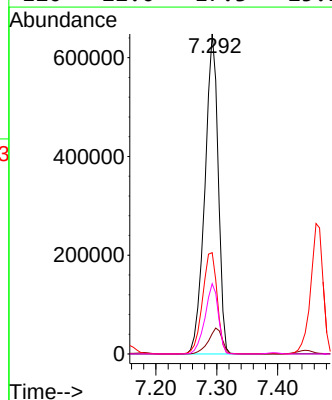
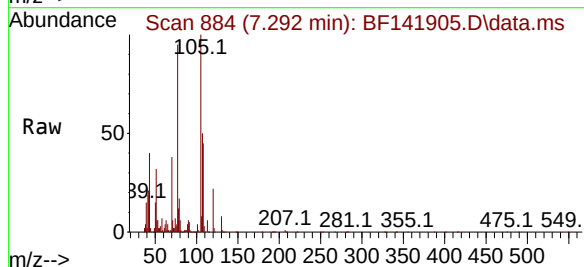
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

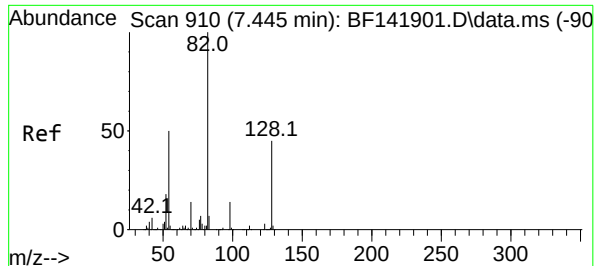
Tgt Ion:136 Resp: 877329
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.2 5.8 8.8
68 5.1 4.1 6.1



#22
Acetophenone
Concen: 46.924 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:105 Resp: 987577
Ion Ratio Lower Upper
105 100
71 6.3 5.8 8.8
51 31.7 23.4 35.0
120 22.0 17.3 25.9





#23

Nitrobenzene-d5

Concen: 96.304 ng

RT: 7.445 min Scan# 910

Delta R.T. -0.000 min

Lab File: BF141905.D

Acq: 10 Mar 2025 15:20

Instrument :

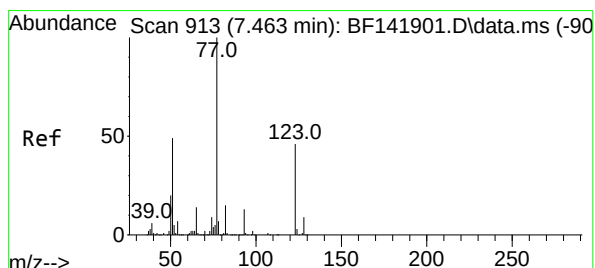
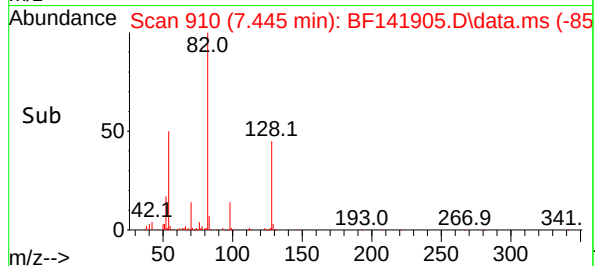
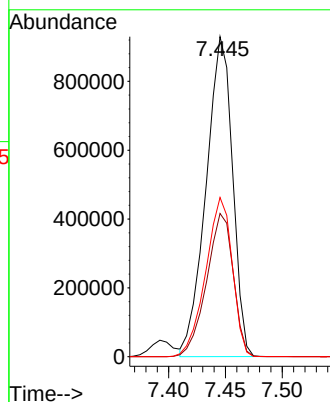
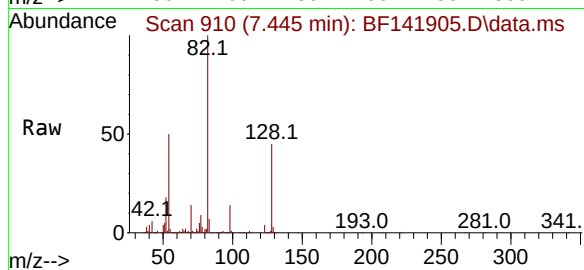
BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 82 Resp: 1507471

Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.0	54.0
54	49.8	39.6	59.4



#24

Nitrobenzene

Concen: 48.514 ng

RT: 7.463 min Scan# 913

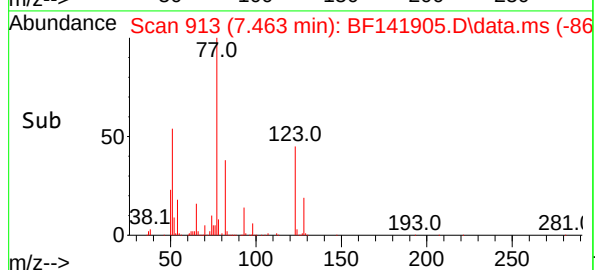
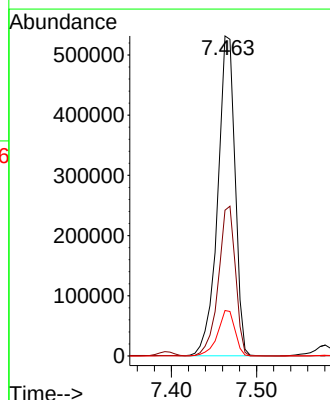
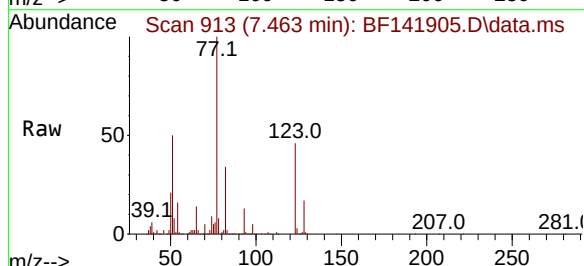
Delta R.T. -0.000 min

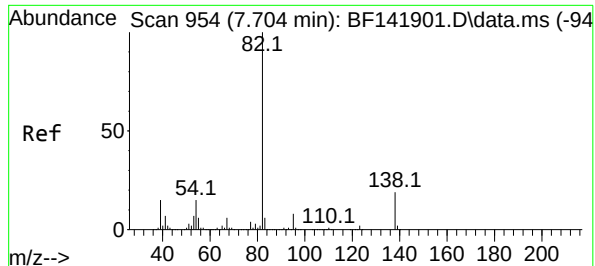
Lab File: BF141905.D

Acq: 10 Mar 2025 15:20

Tgt Ion: 77 Resp: 752936

Ion	Ratio	Lower	Upper
77	100		
123	45.6	37.0	55.4
65	14.2	11.3	16.9





#25

Isophorone

Concen: 48.027 ng

RT: 7.704 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF141905.D

Acq: 10 Mar 2025 15:20

Instrument :

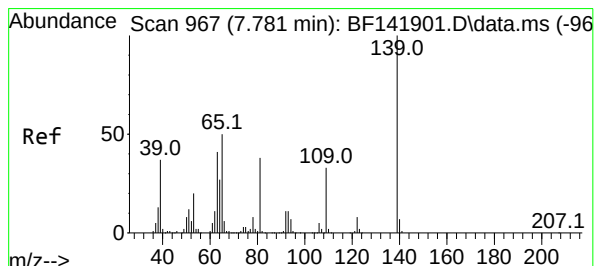
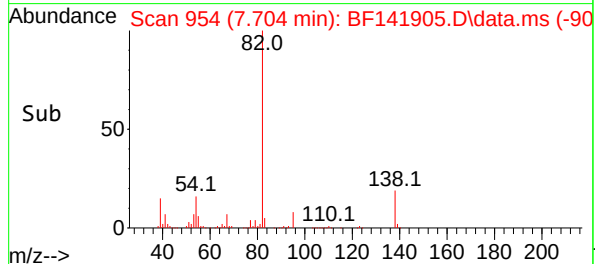
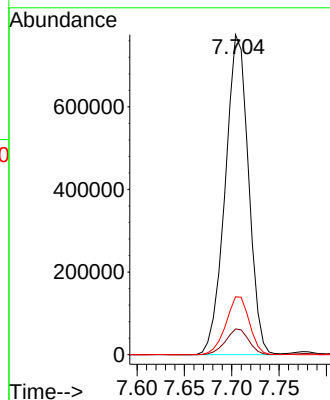
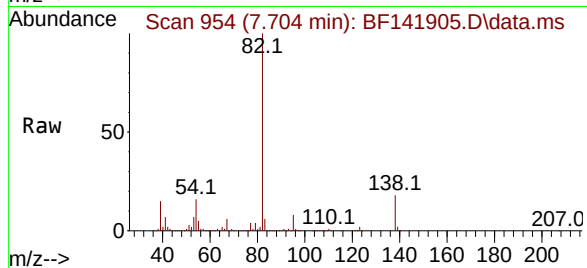
BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 82 Resp: 1327254

Ion	Ratio	Lower	Upper
82	100		
95	8.0	6.4	9.6
138	18.1	14.9	22.3



#26

2-Nitrophenol

Concen: 51.644 ng

RT: 7.781 min Scan# 967

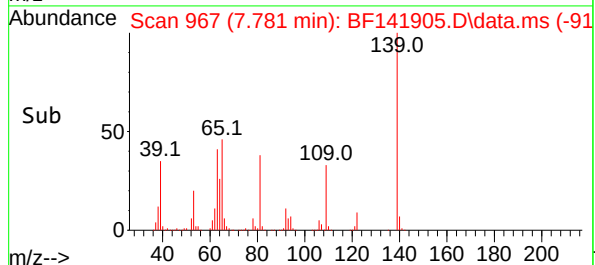
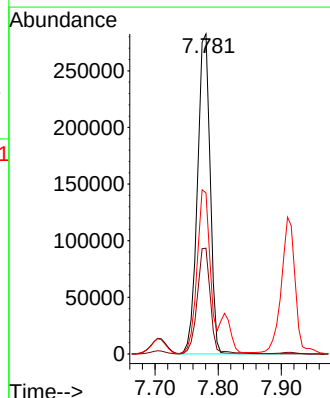
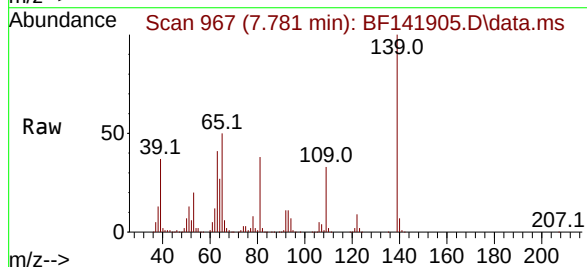
Delta R.T. -0.000 min

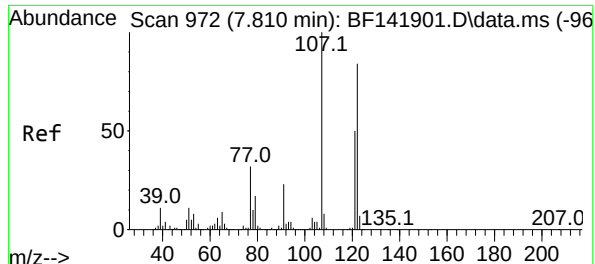
Lab File: BF141905.D

Acq: 10 Mar 2025 15:20

Tgt Ion:139 Resp: 392772

Ion	Ratio	Lower	Upper
139	100		
109	33.1	26.5	39.7
65	50.4	40.3	60.5





#27

2,4-Dimethylphenol

Concen: 48.725 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF141905.D

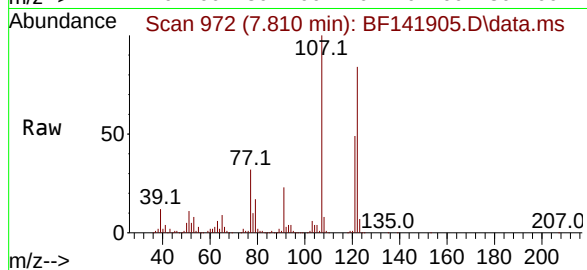
Acq: 10 Mar 2025 15:20

Instrument :

BNA_F

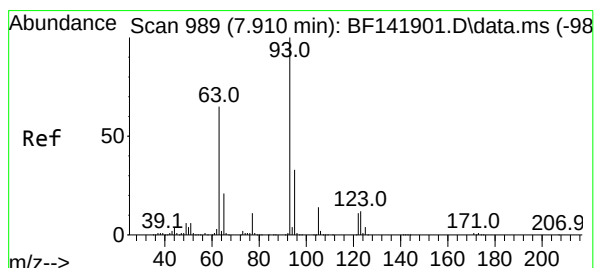
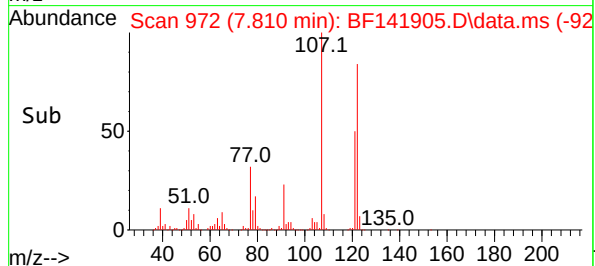
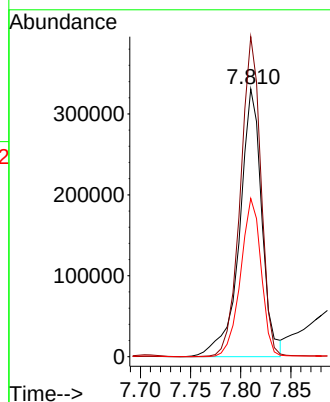
ClientSampleId :

SSTDICC050



Tgt Ion:122 Resp: 510395

Ion	Ratio	Lower	Upper
122	100		
107	119.4	94.8	142.2
121	59.1	47.8	71.6



#28

bis(2-Chloroethoxy)methane

Concen: 47.757 ng

RT: 7.910 min Scan# 989

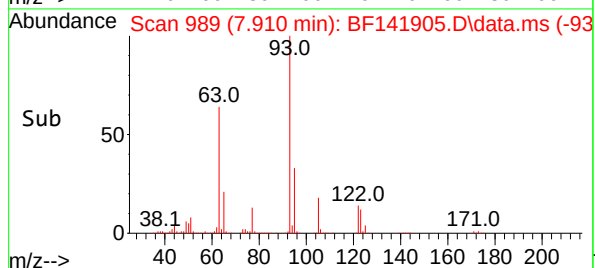
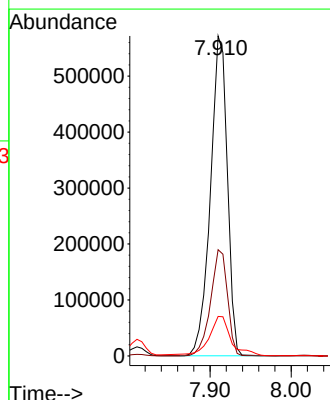
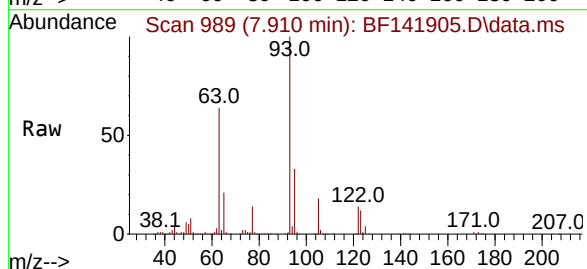
Delta R.T. -0.000 min

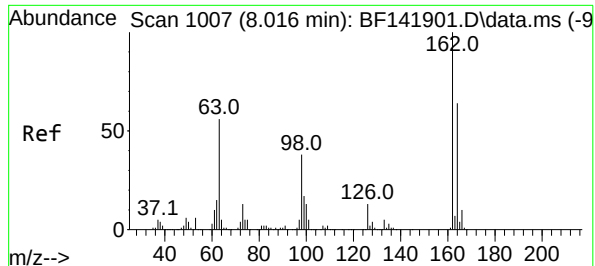
Lab File: BF141905.D

Acq: 10 Mar 2025 15:20

Tgt Ion: 93 Resp: 826776

Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.6	40.0
123	12.4	10.2	15.4





#29

2,4-Dichlorophenol

Concen: 49.793 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.000 min

Lab File: BF141905.D

Acq: 10 Mar 2025 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

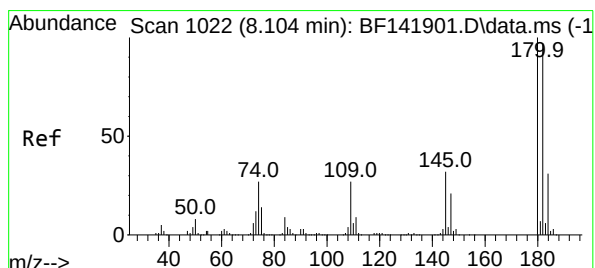
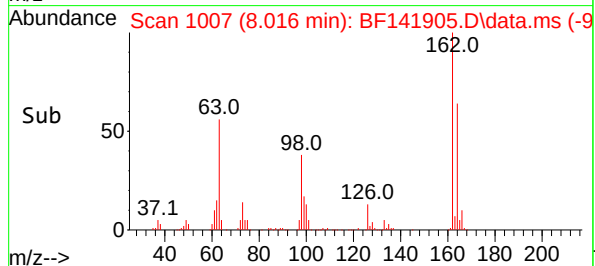
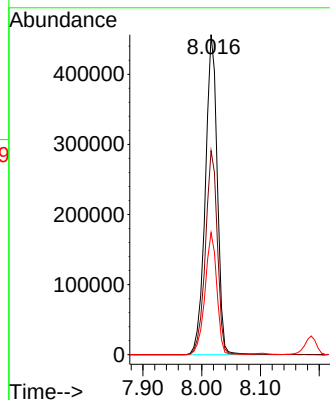
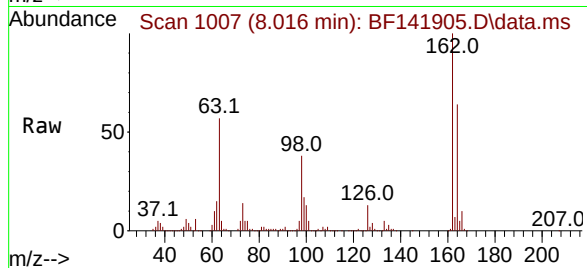
Tgt Ion:162 Resp: 647319

Ion Ratio Lower Upper

162 100

164 63.8 43.8 83.8

98 38.1 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 48.617 ng

RT: 8.104 min Scan# 1022

Delta R.T. 0.000 min

Lab File: BF141905.D

Acq: 10 Mar 2025 15:20

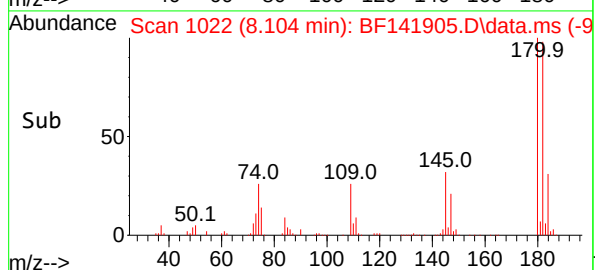
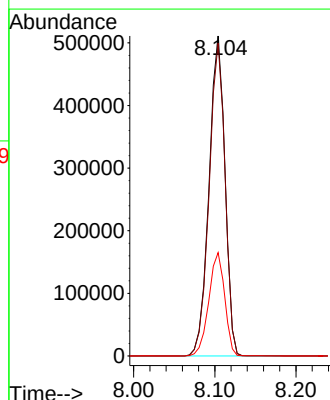
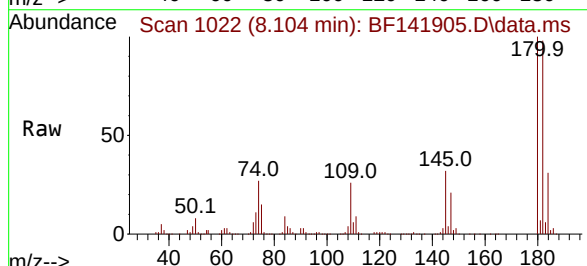
Tgt Ion:180 Resp: 697274

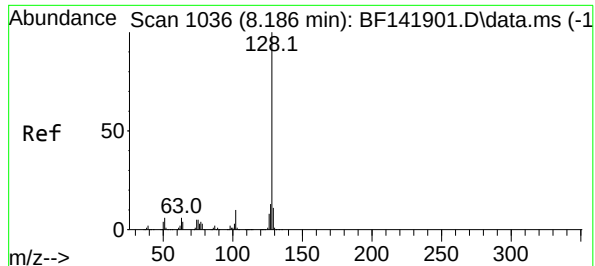
Ion Ratio Lower Upper

180 100

182 97.8 77.5 116.3

145 32.3 25.8 38.6

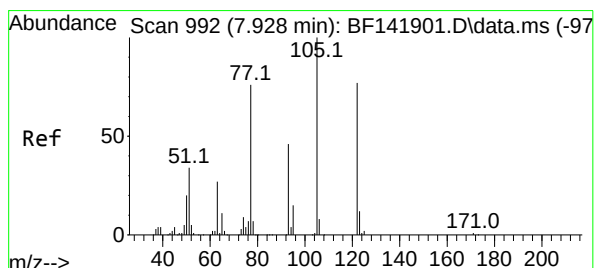
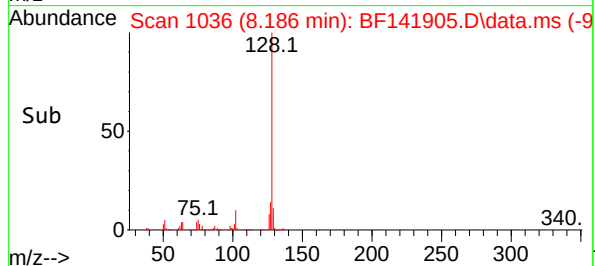
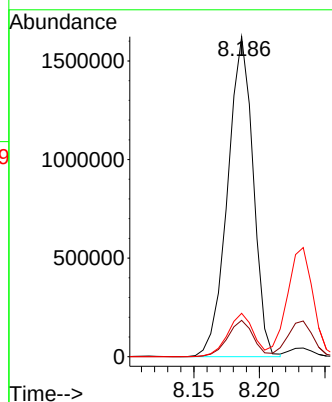
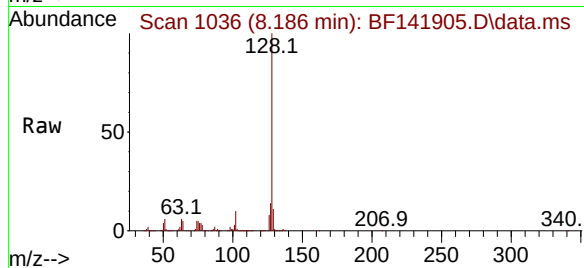




#31
Naphthalene
Concen: 48.863 ng
RT: 8.186 min Scan# 1036
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

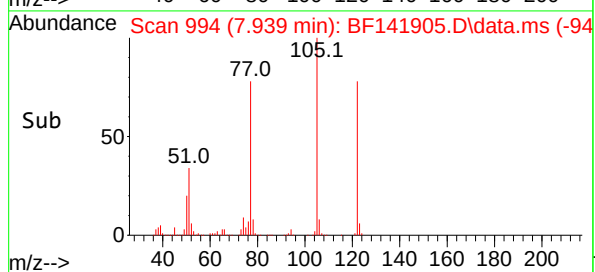
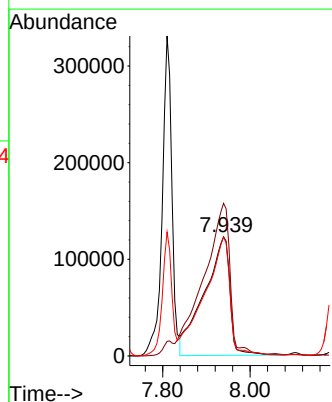
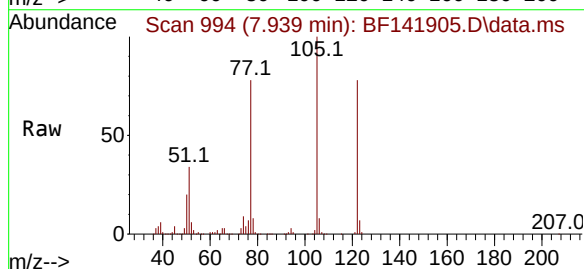
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

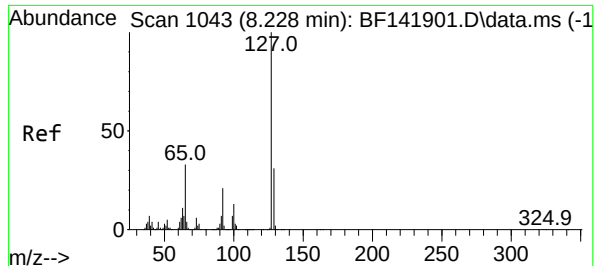
Tgt Ion:128 Resp: 2196111
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 54.676 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.011 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:122 Resp: 500593
Ion Ratio Lower Upper
122 100
105 128.0 107.9 147.9
77 99.6 79.0 119.0

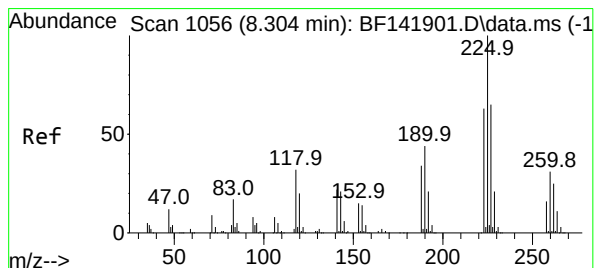
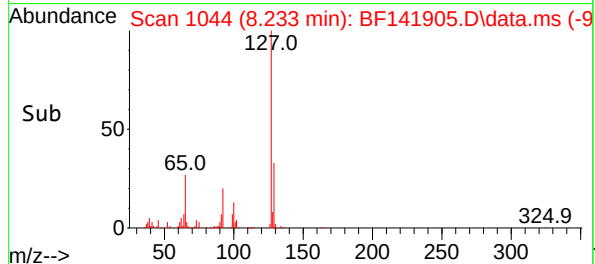
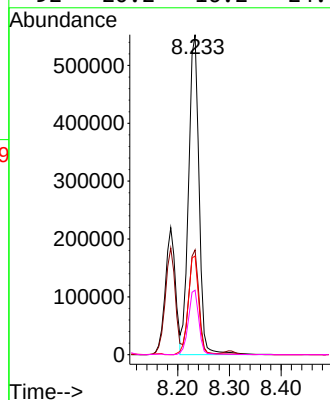
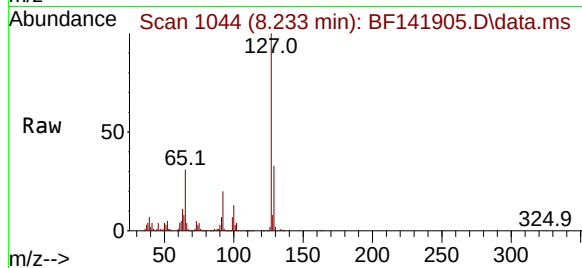




#33
4-Chloroaniline
Concen: 48.909 ng
RT: 8.233 min Scan# 1044
Delta R.T. 0.006 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

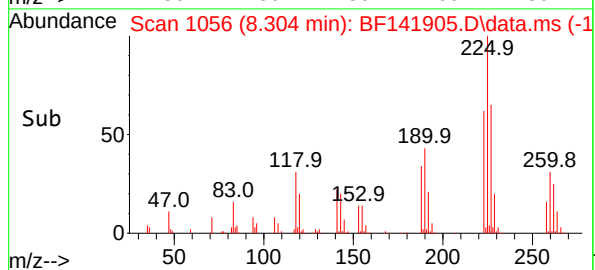
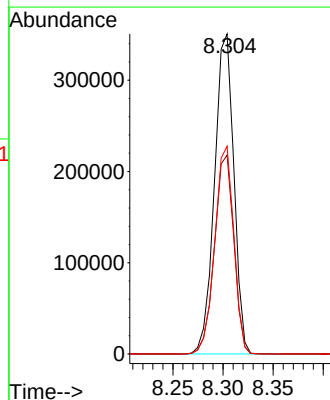
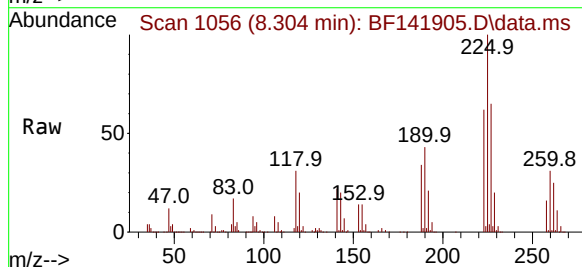
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

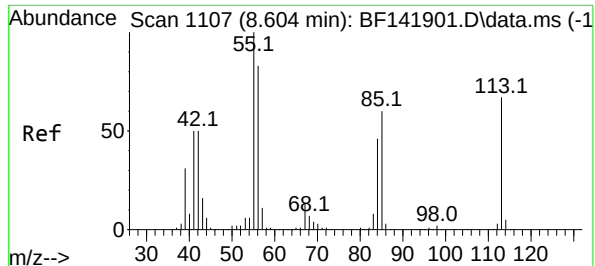
Tgt Ion:	127	Resp:	775699
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.2	39.4
65	30.9	25.4	38.2
92	20.2	16.2	24.4



#34
Hexachlorobutadiene
Concen: 50.376 ng
RT: 8.304 min Scan# 1056
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:	225	Resp:	469787
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.6	75.8
227	64.9	52.2	78.2





#35

Caprolactam

Concen: 48.891 ng

RT: 8.616 min Scan# 1109

Delta R.T. 0.012 min

Lab File: BF141905.D

Acq: 10 Mar 2025 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

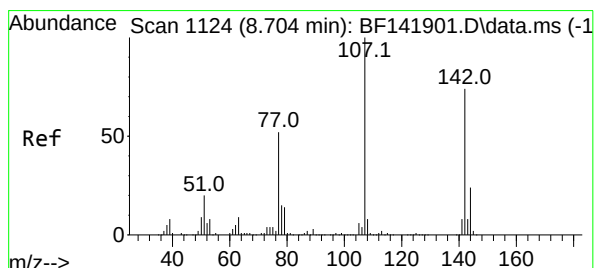
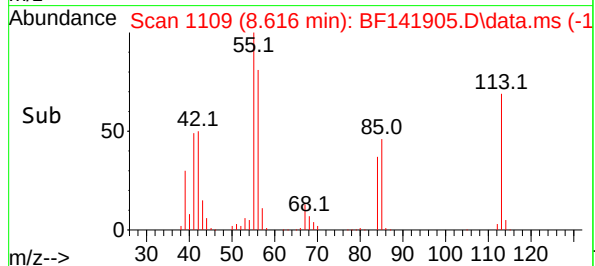
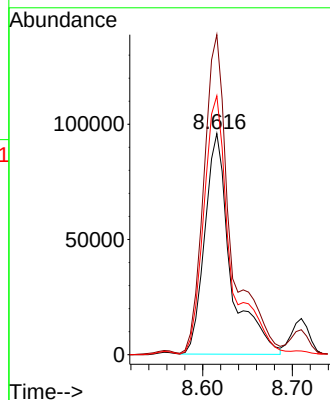
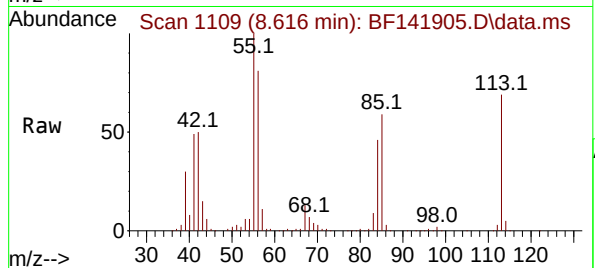
Tgt Ion:113 Resp: 193267

Ion Ratio Lower Upper

113 100

55 144.7 129.6 169.6

56 117.1 104.0 144.0



#36

4-Chloro-3-methylphenol

Concen: 49.925 ng

RT: 8.710 min Scan# 1125

Delta R.T. 0.006 min

Lab File: BF141905.D

Acq: 10 Mar 2025 15:20

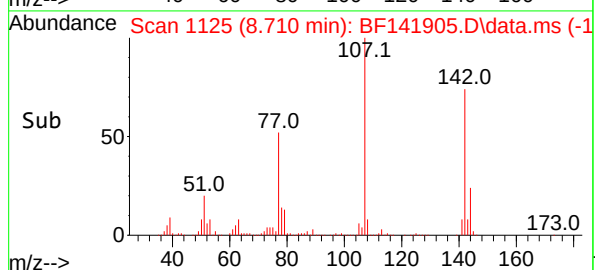
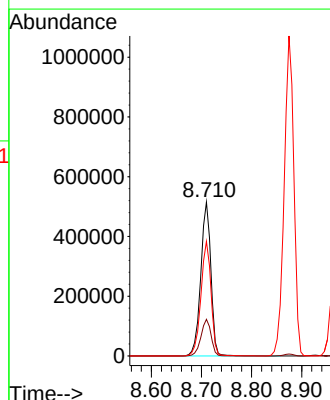
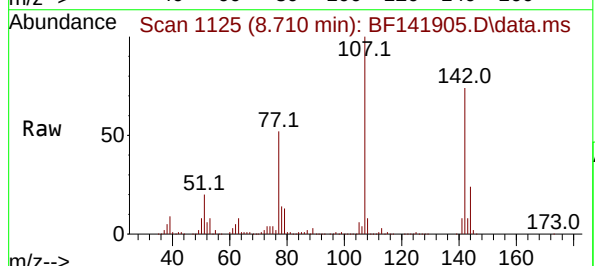
Tgt Ion:107 Resp: 721800

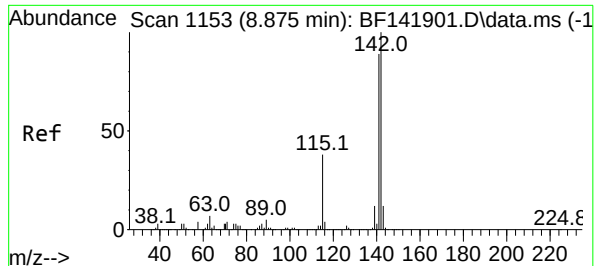
Ion Ratio Lower Upper

107 100

144 23.8 19.0 28.6

142 74.4 59.2 88.8

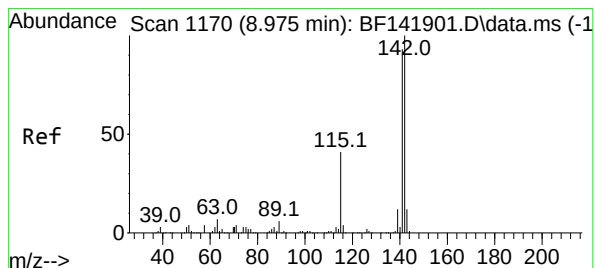
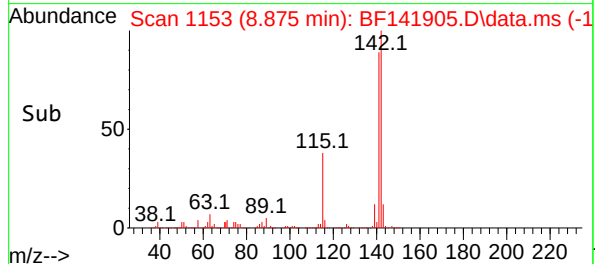
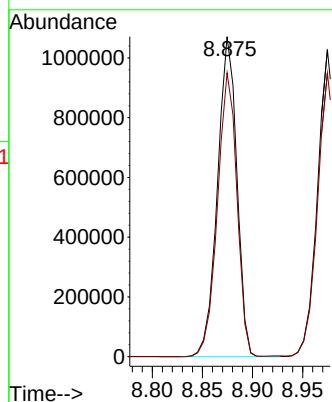
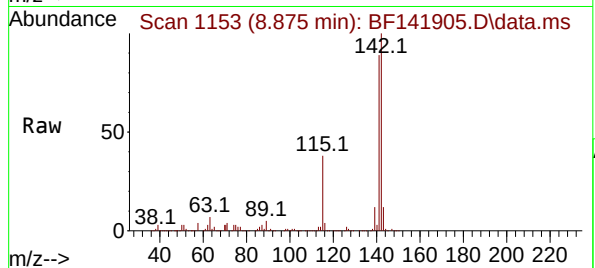




#37
2-Methylnaphthalene
Concen: 47.638 ng
RT: 8.875 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

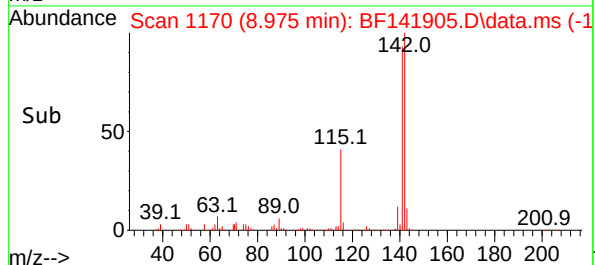
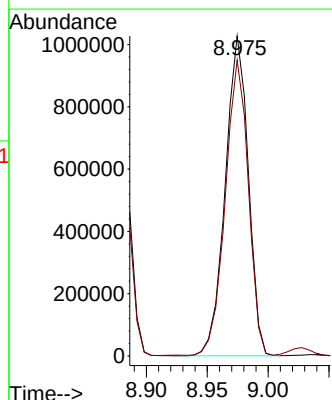
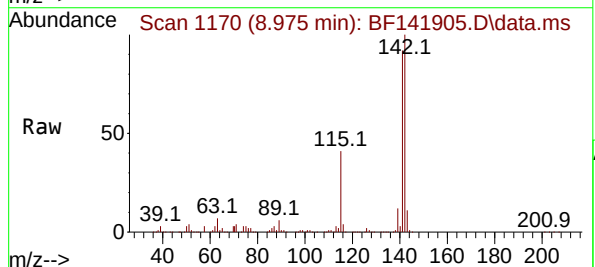
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

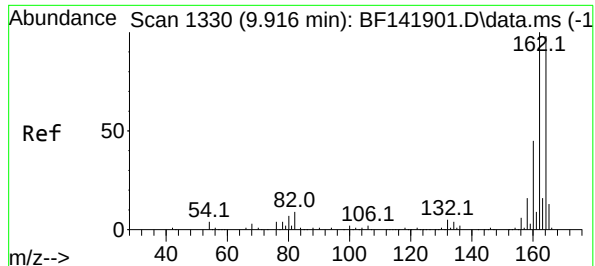
Tgt Ion:142 Resp: 1436485
Ion Ratio Lower Upper
142 100
141 88.7 71.2 106.8



#38
1-Methylnaphthalene
Concen: 46.482 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:142 Resp: 1357356
Ion Ratio Lower Upper
142 100
141 92.4 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1181

Delta R.T. 0.006 min

Lab File: BF141905.D

Acq: 10 Mar 2025 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

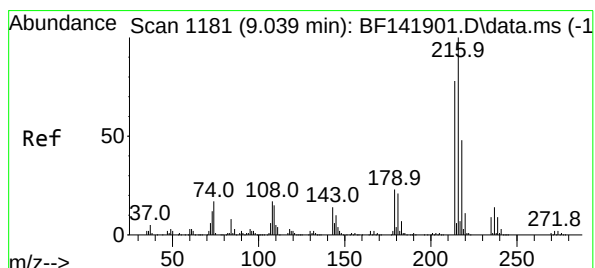
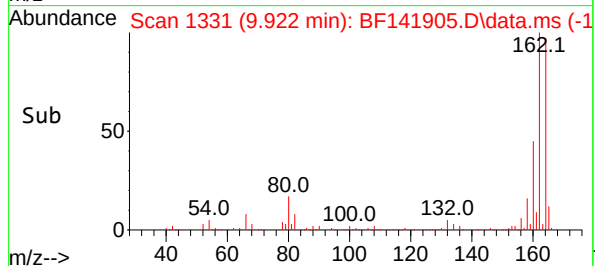
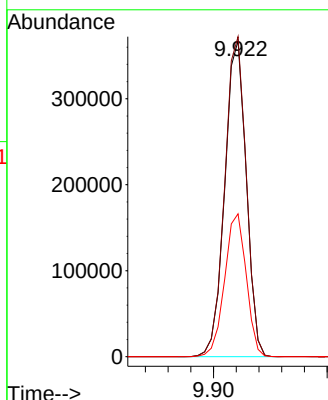
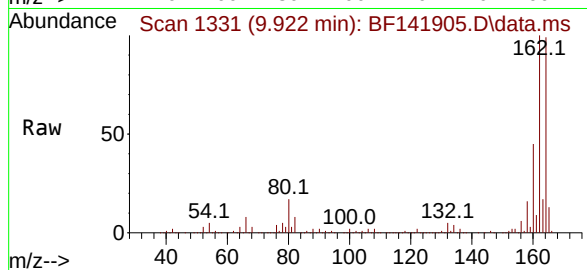
Tgt Ion:164 Resp: 481971

Ion Ratio Lower Upper

164 100

162 101.3 81.8 122.6

160 45.2 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.955 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF141905.D

Acq: 10 Mar 2025 15:20

Tgt Ion:216 Resp: 719431

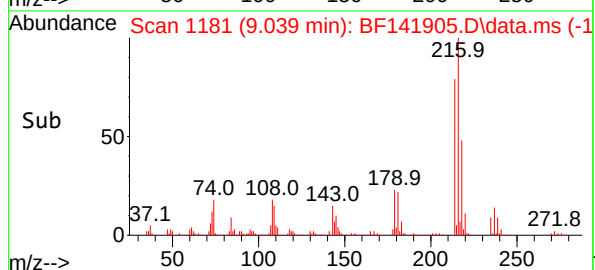
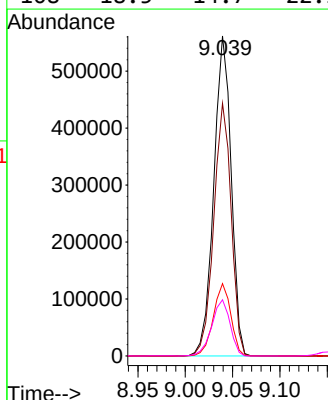
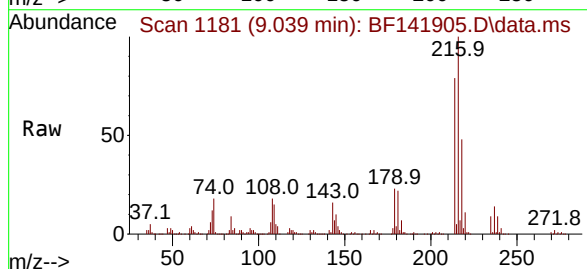
Ion Ratio Lower Upper

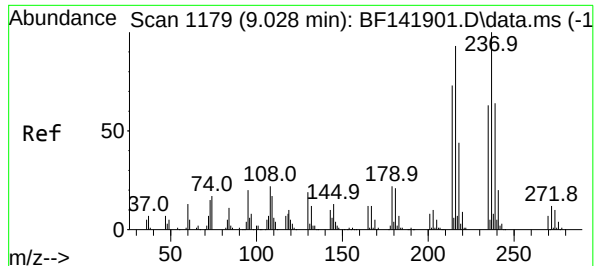
216 100

214 78.9 61.9 92.9

179 22.7 18.1 27.1

108 18.5 14.7 22.1

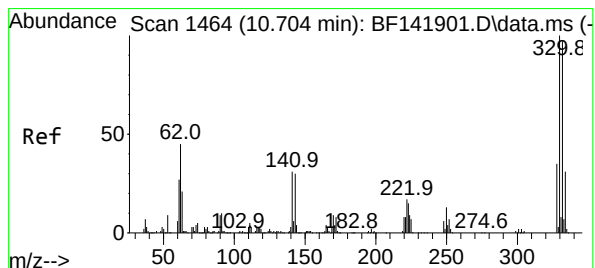
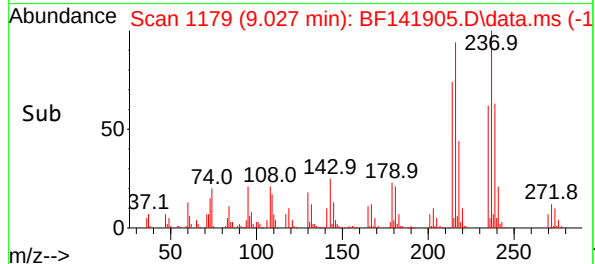
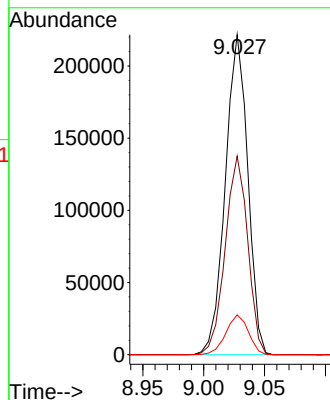
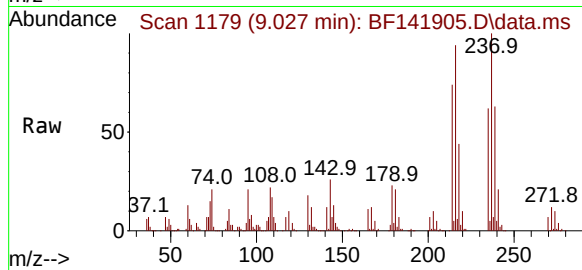




#41
Hexachlorocyclopentadiene
Concen: 49.142 ng
RT: 9.027 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

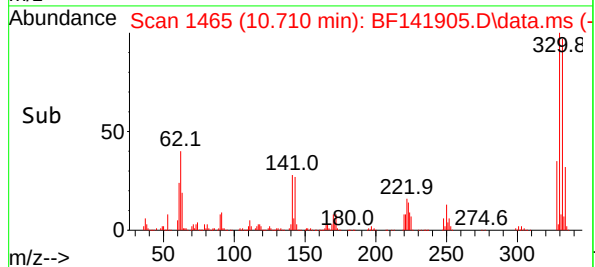
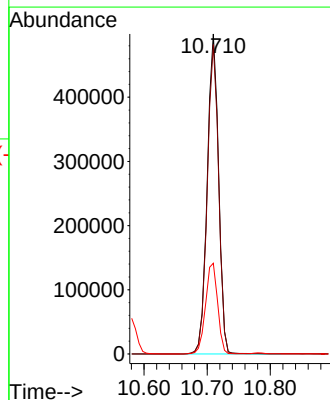
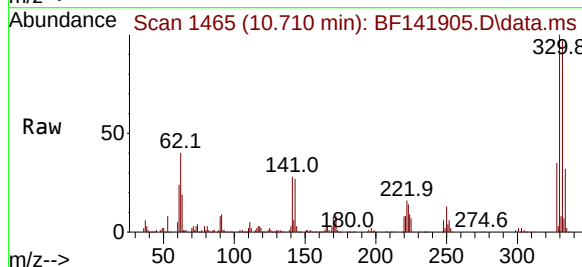
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

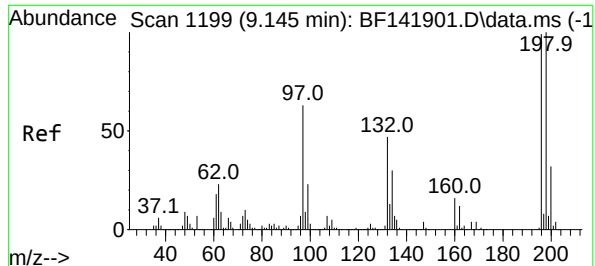
Tgt Ion:237 Resp: 284968
Ion Ratio Lower Upper
237 100
235 62.1 43.1 83.1
272 12.4 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 102.342 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:330 Resp: 625035
Ion Ratio Lower Upper
330 100
332 96.6 77.6 116.4
141 30.1 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 50.291 ng

RT: 9.151 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF141905.D

Acq: 10 Mar 2025 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

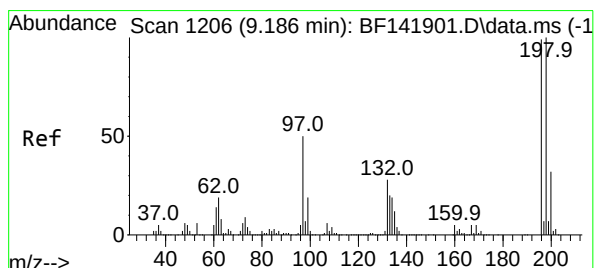
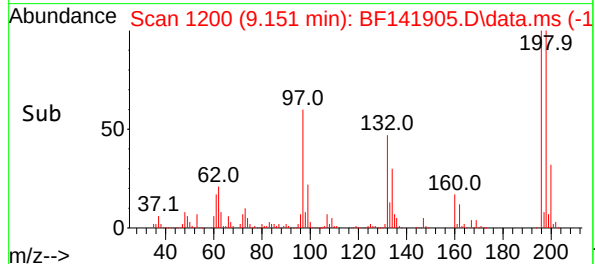
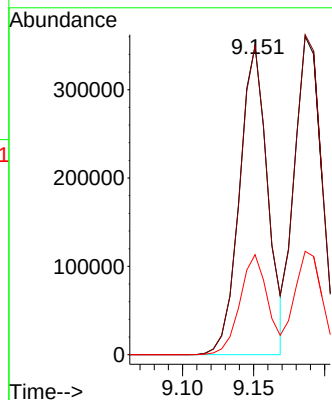
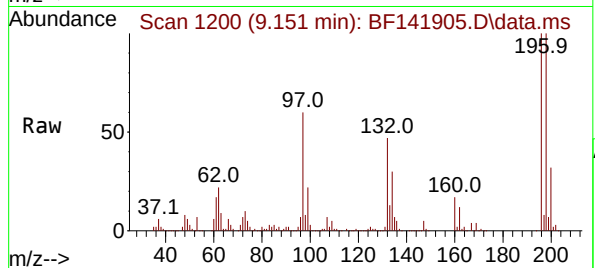
Tgt Ion:196 Resp: 481782

Ion Ratio Lower Upper

196 100

198 99.9 80.6 121.0

200 32.3 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 49.580 ng

RT: 9.186 min Scan# 1206

Delta R.T. -0.000 min

Lab File: BF141905.D

Acq: 10 Mar 2025 15:20

Tgt Ion:196 Resp: 482570

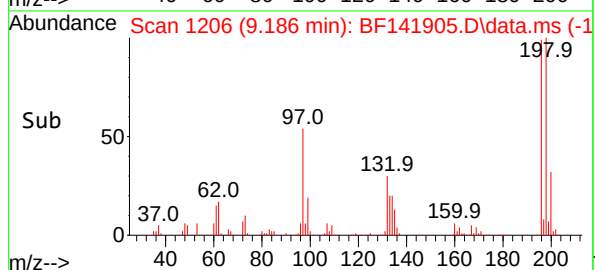
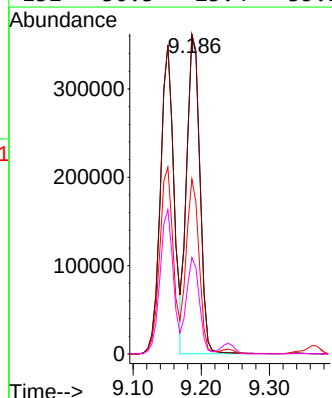
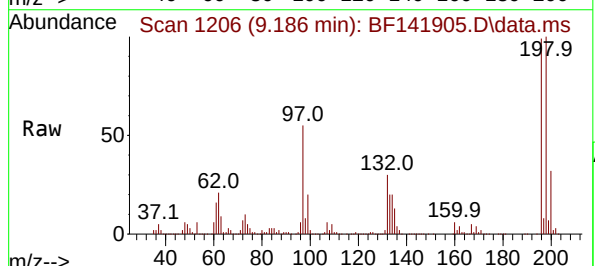
Ion Ratio Lower Upper

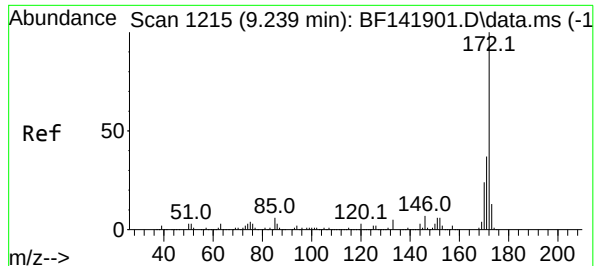
196 100

198 100.5 80.7 121.1

97 54.9 42.1 63.1

132 30.3 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 96.836 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.000 min

Lab File: BF141905.D

Acq: 10 Mar 2025 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

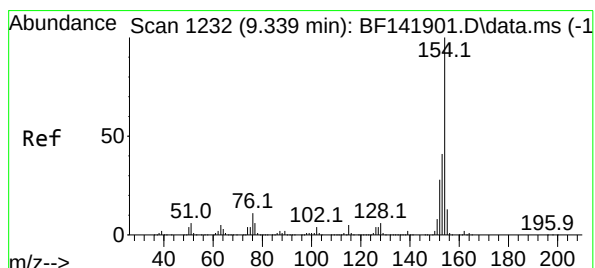
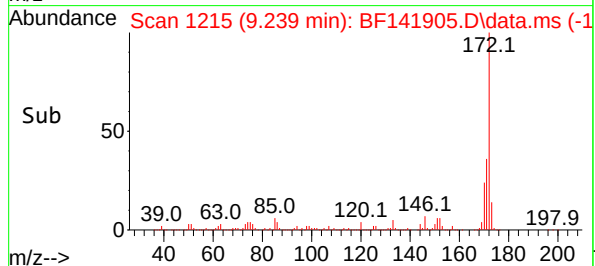
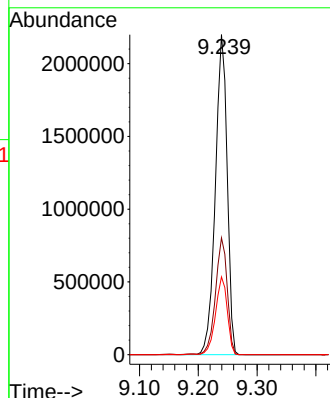
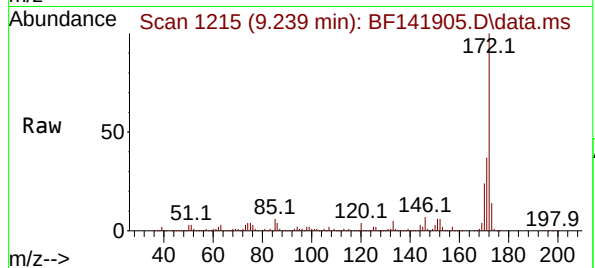
Tgt Ion:172 Resp: 3064989

Ion Ratio Lower Upper

172 100

171 36.5 29.3 43.9

170 24.3 19.4 29.0



#46

1,1'-Biphenyl

Concen: 49.526 ng

RT: 9.339 min Scan# 1232

Delta R.T. -0.000 min

Lab File: BF141905.D

Acq: 10 Mar 2025 15:20

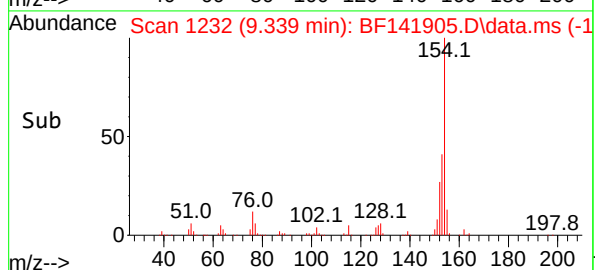
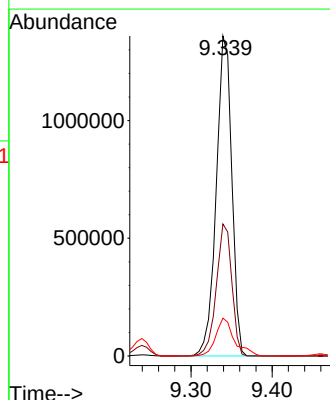
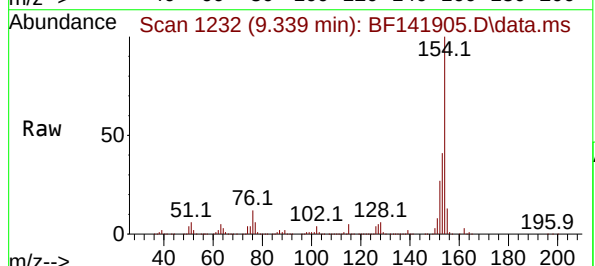
Tgt Ion:154 Resp: 1809746

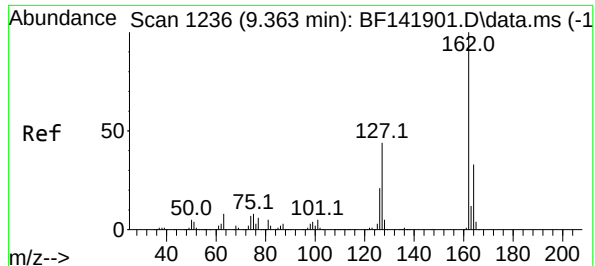
Ion Ratio Lower Upper

154 100

153 41.3 21.1 61.1

76 11.8 0.0 31.3





#47

2-Chloronaphthalene

Concen: 49.960 ng

RT: 9.369 min Scan# 1236

Delta R.T. 0.006 min

Lab File: BF141905.D

Acq: 10 Mar 2025 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

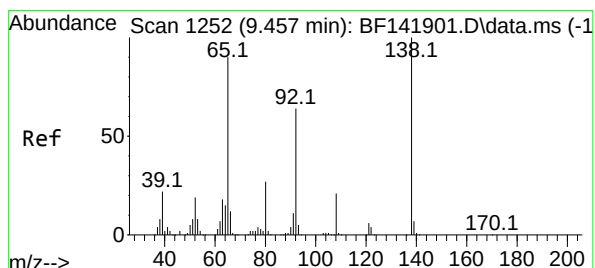
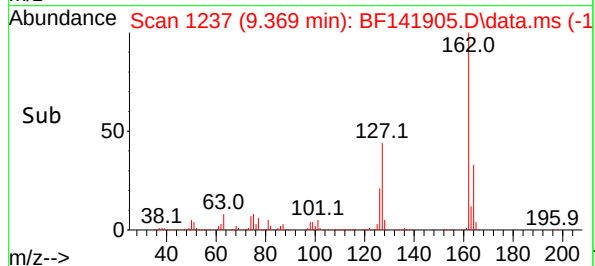
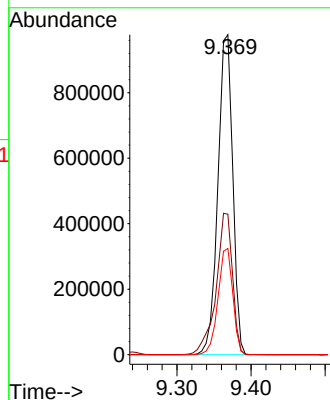
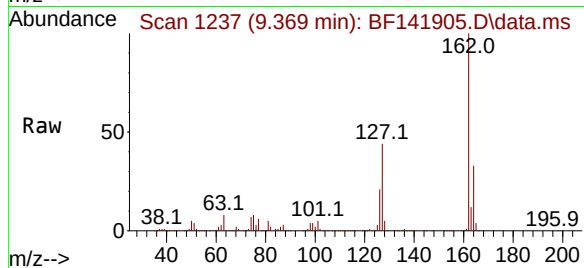
Tgt Ion:162 Resp: 1360528

Ion Ratio Lower Upper

162 100

127 43.9 35.5 53.3

164 33.2 26.6 40.0



#48

2-Nitroaniline

Concen: 54.854 ng

RT: 9.457 min Scan# 1252

Delta R.T. -0.000 min

Lab File: BF141905.D

Acq: 10 Mar 2025 15:20

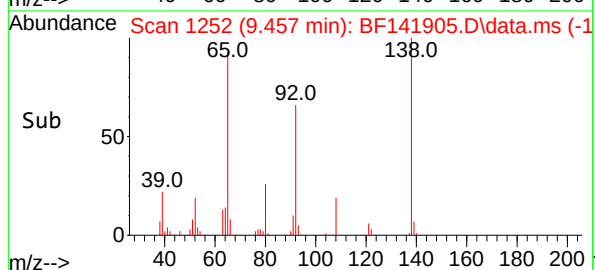
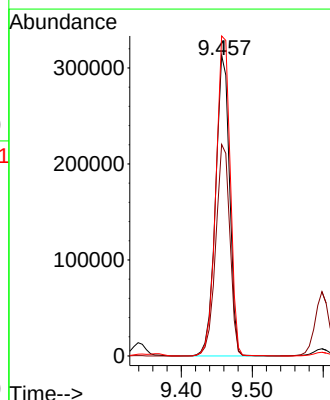
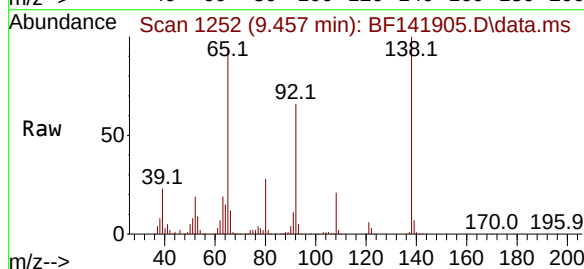
Tgt Ion: 65 Resp: 429111

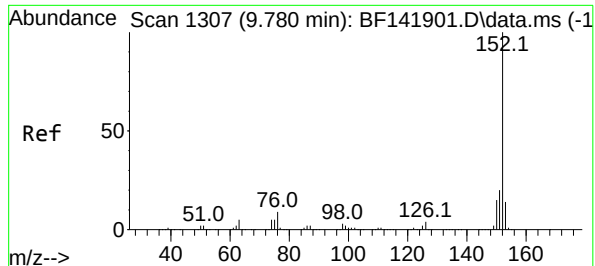
Ion Ratio Lower Upper

65 100

92 70.4 56.6 84.8

138 106.4 88.6 133.0





#49

Acenaphthylene

Concen: 49.674 ng

RT: 9.780 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF141905.D

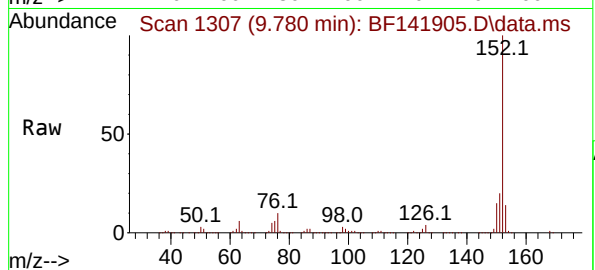
Acq: 10 Mar 2025 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



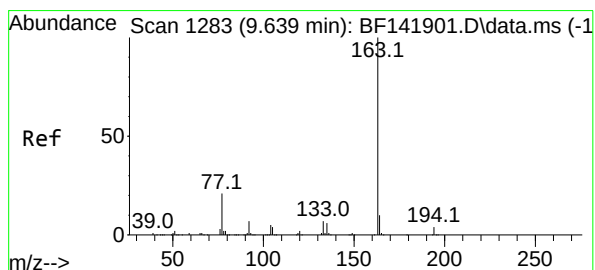
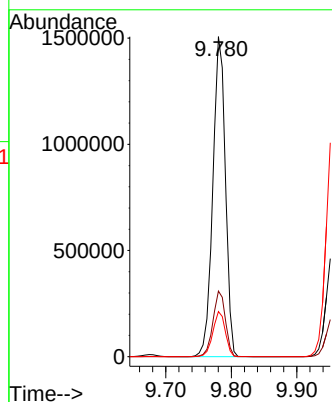
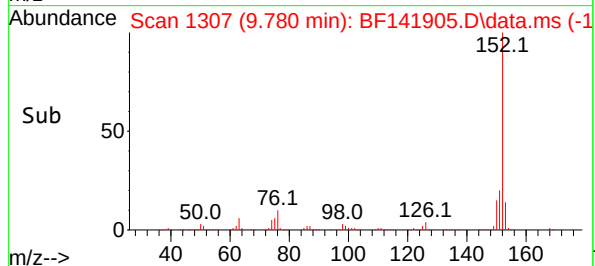
Tgt Ion:152 Resp: 2005538

Ion Ratio Lower Upper

152 100

151 20.5 16.3 24.5

153 14.1 11.1 16.7



#50

Dimethylphthalate

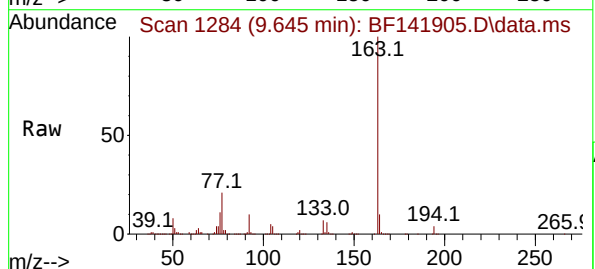
Concen: 51.273 ng

RT: 9.645 min Scan# 1284

Delta R.T. 0.006 min

Lab File: BF141905.D

Acq: 10 Mar 2025 15:20



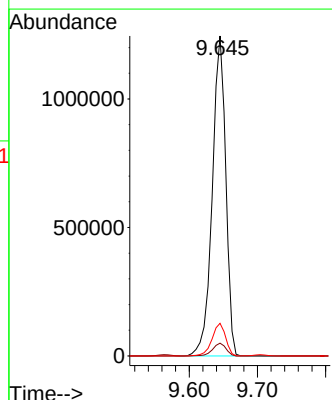
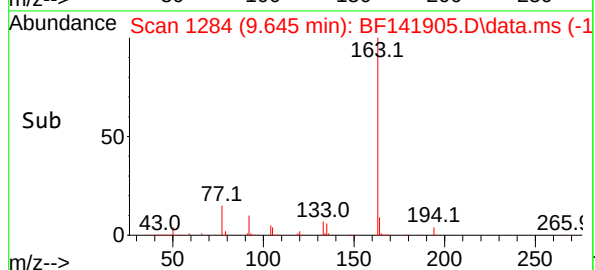
Tgt Ion:163 Resp: 1716995

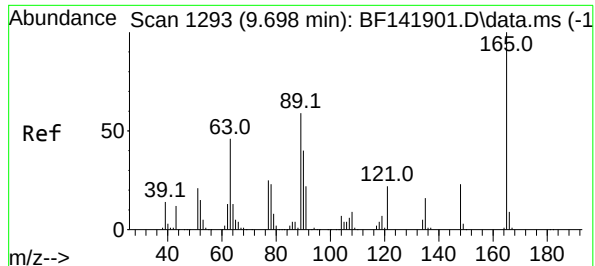
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.2 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 53.184 ng

RT: 9.704 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF141905.D

Acq: 10 Mar 2025 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

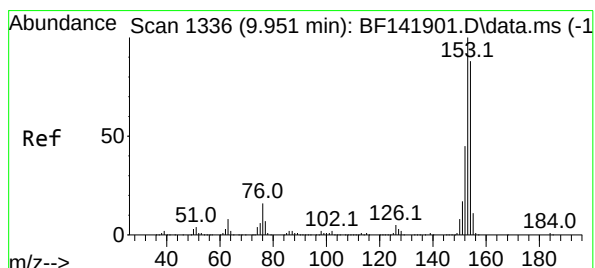
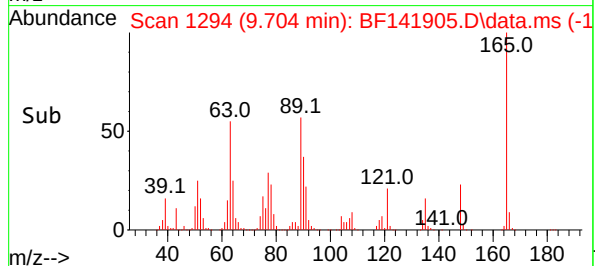
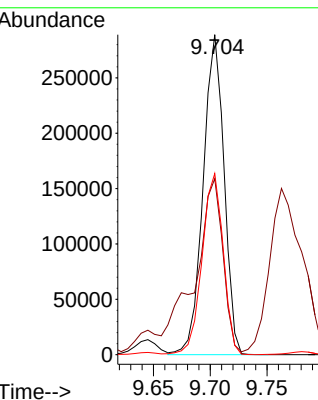
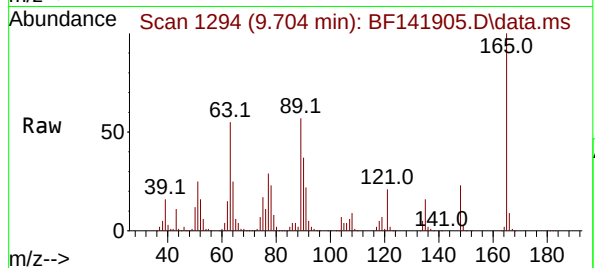
Tgt Ion:165 Resp: 370368

Ion Ratio Lower Upper

165 100

63 55.0 47.0 70.4

89 56.6 47.4 71.2



#52

Acenaphthene

Concen: 48.333 ng

RT: 9.957 min Scan# 1337

Delta R.T. 0.006 min

Lab File: BF141905.D

Acq: 10 Mar 2025 15:20

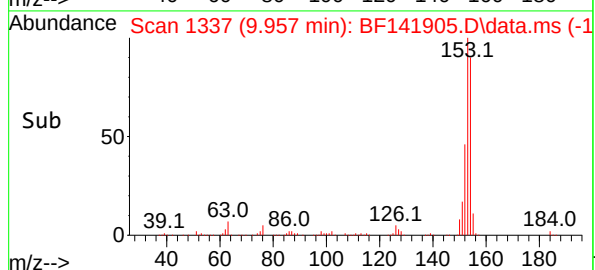
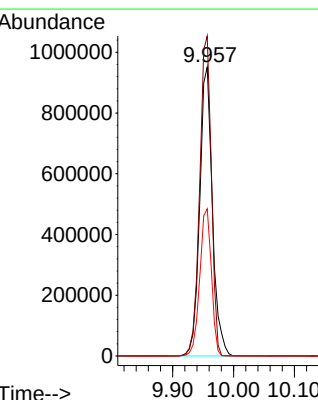
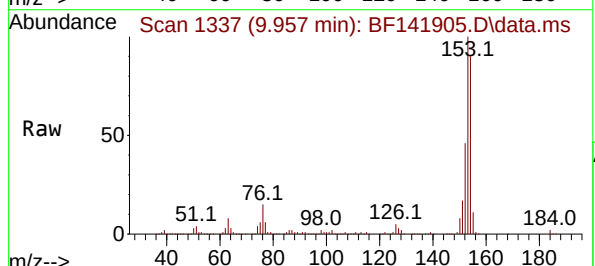
Tgt Ion:154 Resp: 1377901

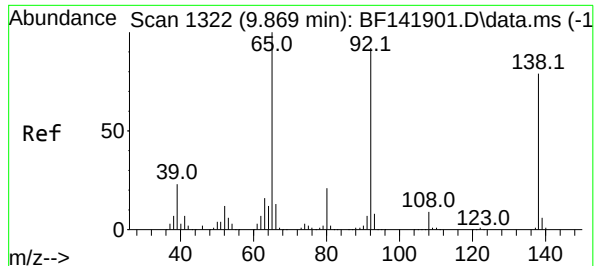
Ion Ratio Lower Upper

154 100

153 110.7 90.7 136.1

152 51.0 41.1 61.7

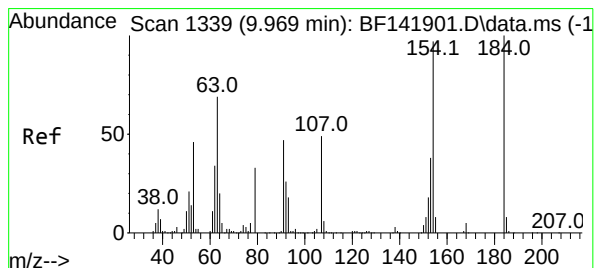
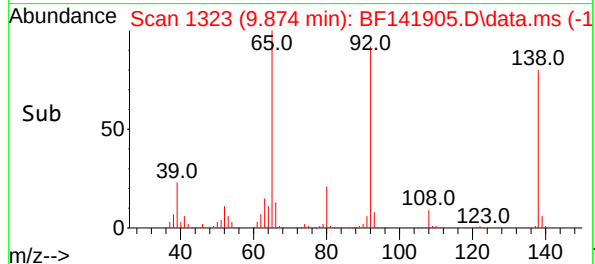
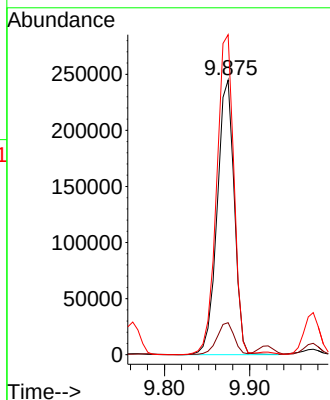
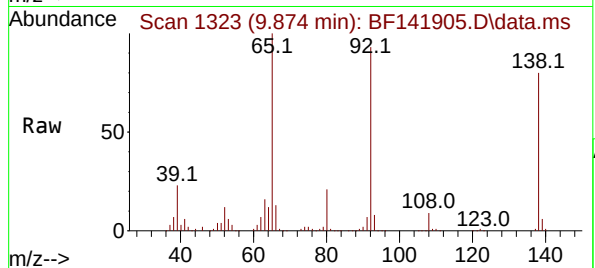




#53
3-Nitroaniline
Concen: 47.638 ng
RT: 9.874 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

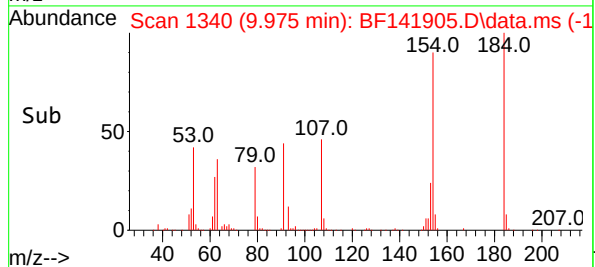
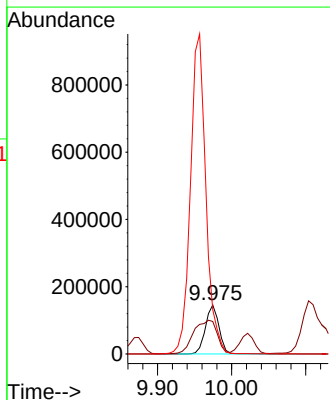
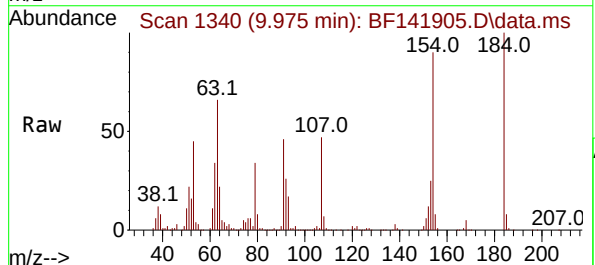
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

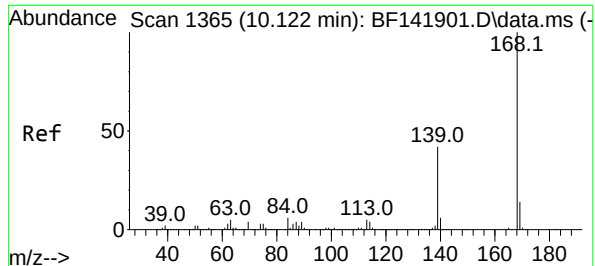
Tgt Ion:138 Resp: 340633
Ion Ratio Lower Upper
138 100
108 11.6 9.3 13.9
92 116.5 93.5 140.3



#54
2,4-Dinitrophenol
Concen: 49.104 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:184 Resp: 184410
Ion Ratio Lower Upper
184 100
63 66.3 60.2 90.4
154 90.1 132.9 199.3#

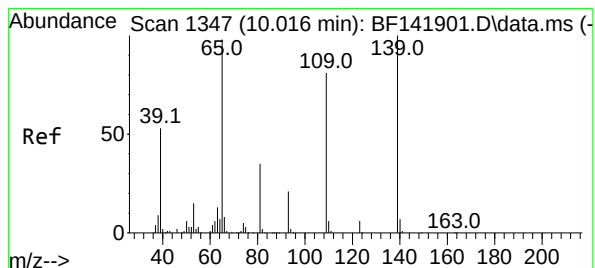
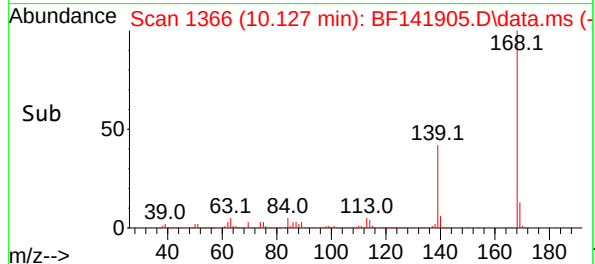
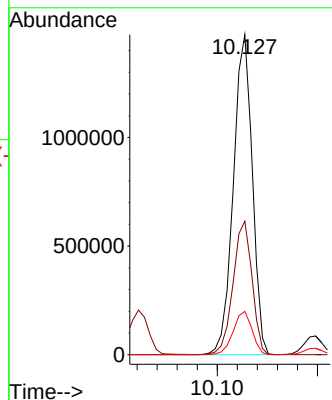
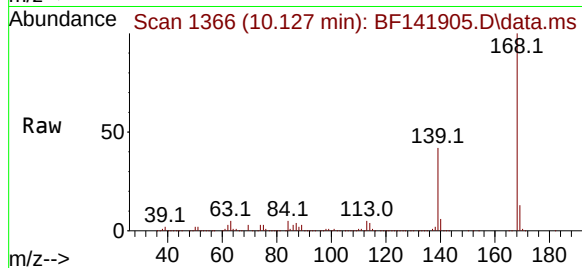




#55
Dibenzenofuran
Concen: 47.647 ng
RT: 10.127 min Scan# 1365
Delta R.T. 0.006 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

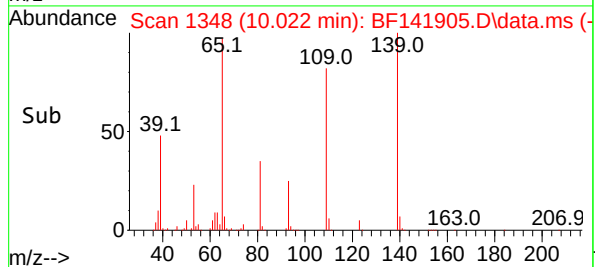
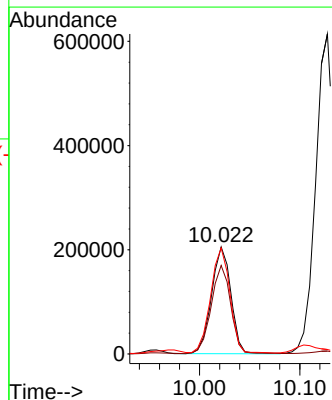
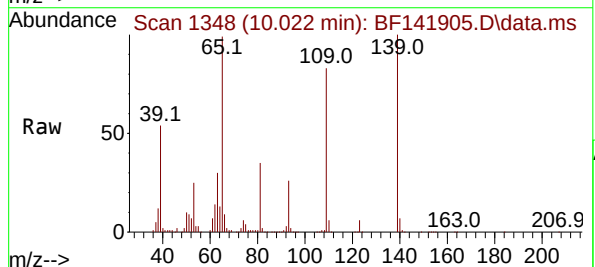
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

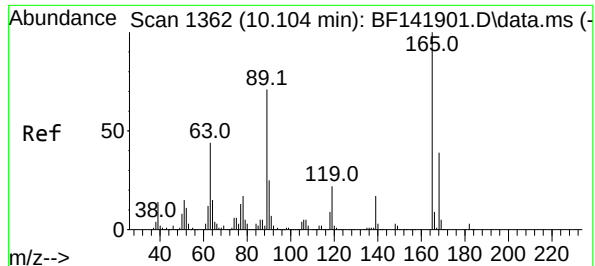
Tgt Ion:168 Resp: 1936780
Ion Ratio Lower Upper
168 100
139 41.7 33.9 50.9
169 13.5 11.0 16.4



#56
4-Nitrophenol
Concen: 51.474 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:139 Resp: 276487
Ion Ratio Lower Upper
139 100
109 82.6 61.6 101.6
65 99.1 79.4 119.4

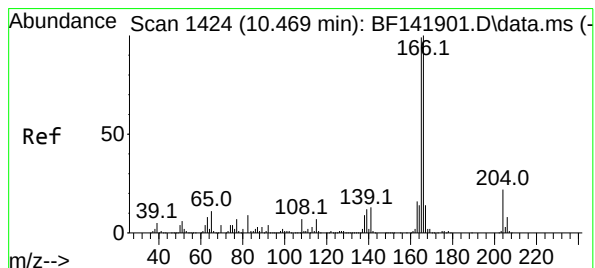
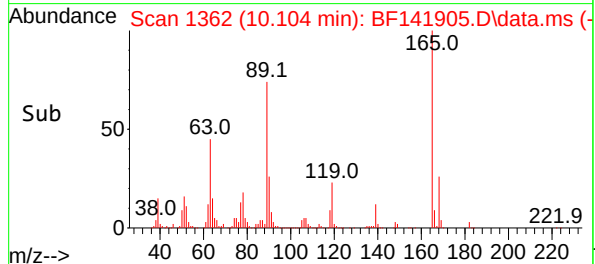
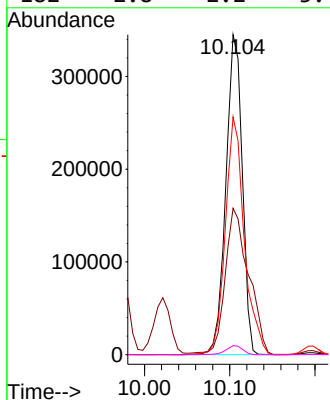
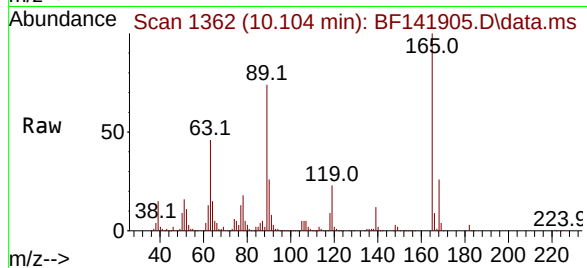




#57
2,4-Dinitrotoluene
Concen: 50.321 ng
RT: 10.104 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

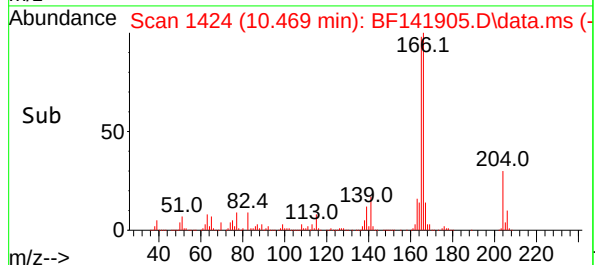
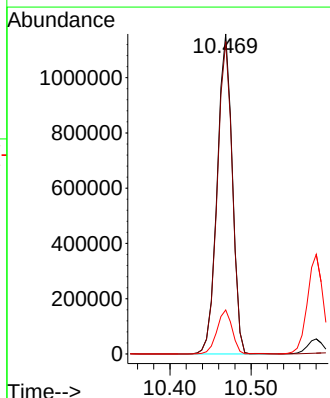
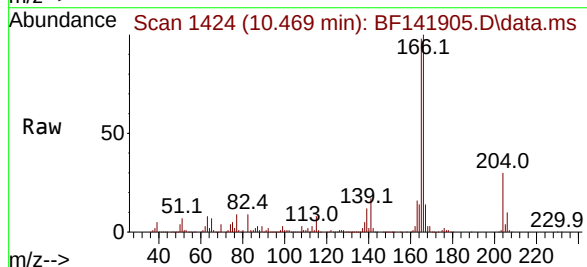
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

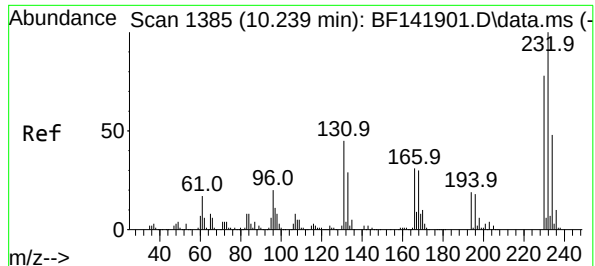
Tgt Ion:165 Resp: 461276
Ion Ratio Lower Upper
165 100
63 45.8 35.4 53.2
89 74.3 56.6 84.8
182 2.8 2.2 3.4



#58
Fluorene
Concen: 47.708 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:166 Resp: 1497123
Ion Ratio Lower Upper
166 100
165 97.6 79.0 118.4
167 13.7 11.0 16.4

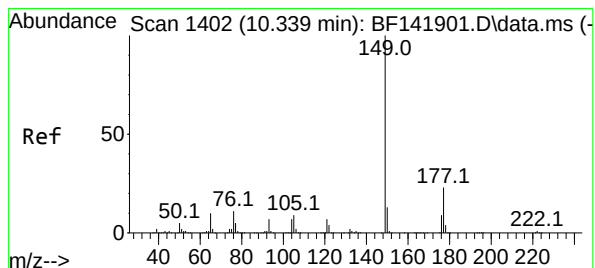
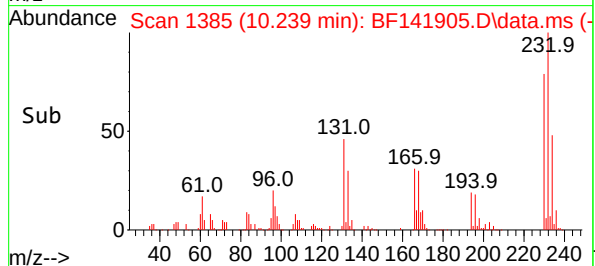
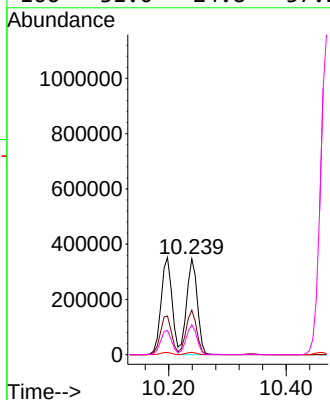
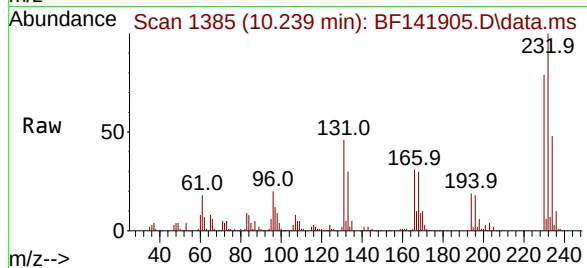




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.600 ng
RT: 10.239 min Scan# 1385
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

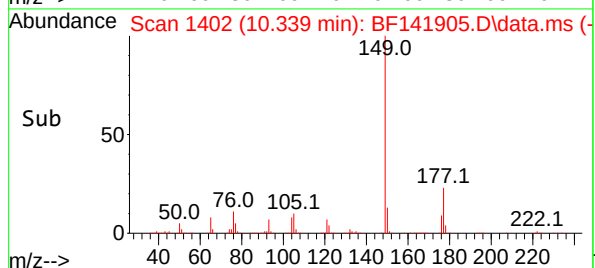
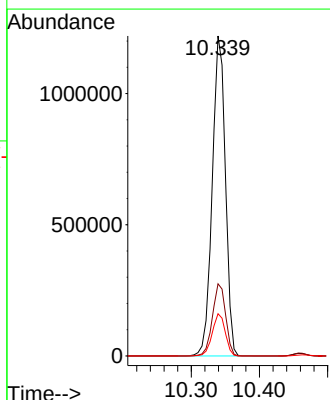
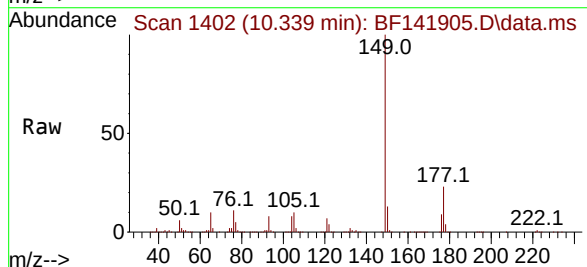
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

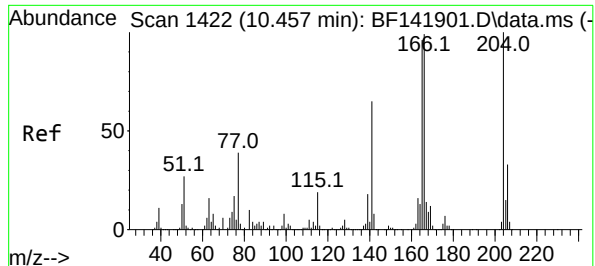
Tgt Ion:232 Resp: 438025
Ion Ratio Lower Upper
232 100
131 46.2 37.3 55.9
130 2.4 1.9 2.9
166 31.0 24.8 37.2



#60
Diethylphthalate
Concen: 48.639 ng
RT: 10.339 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:149 Resp: 1635073
Ion Ratio Lower Upper
149 100
177 22.5 18.0 27.0
150 13.2 10.2 15.4

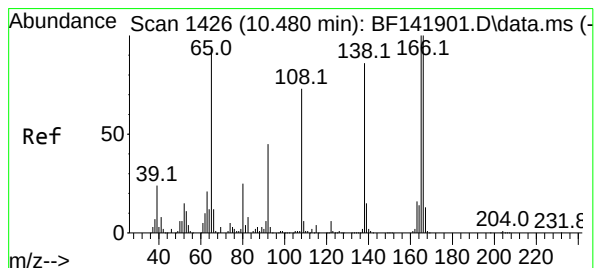
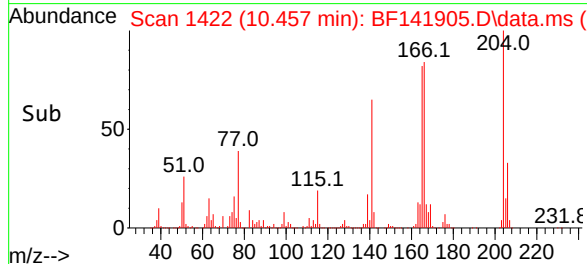
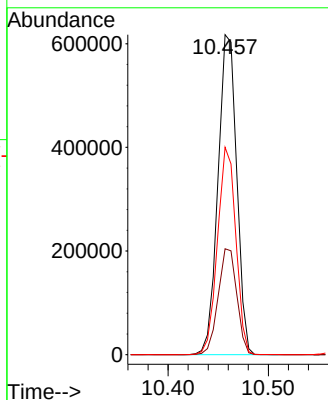
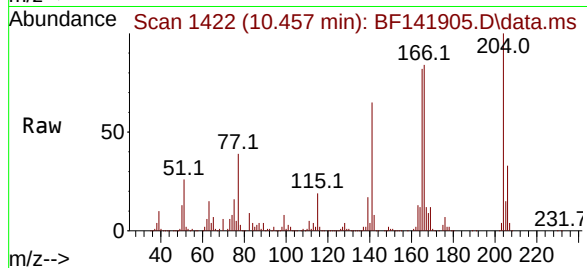




#61
4-Chlorophenyl-phenylether
Concen: 48.929 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

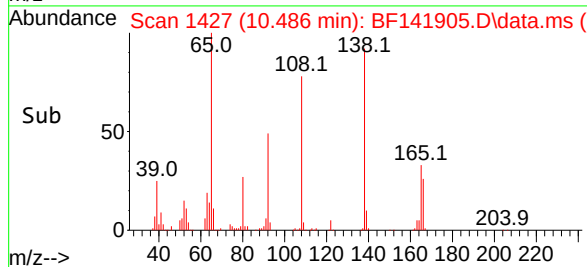
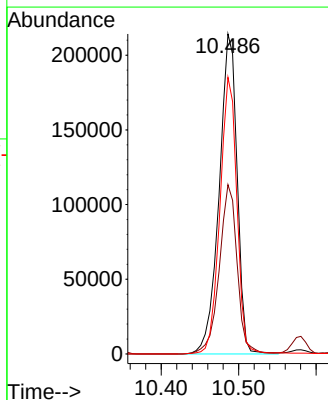
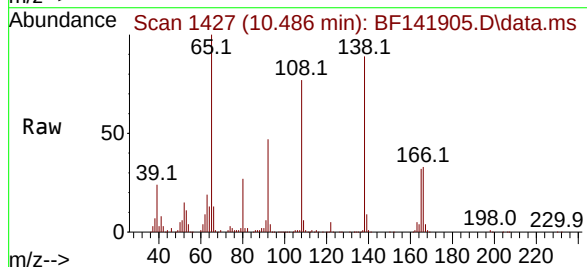
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

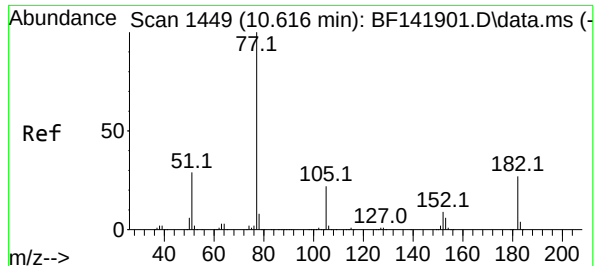
Tgt Ion:204 Resp: 799744
Ion Ratio Lower Upper
204 100
206 33.1 26.8 40.2
141 64.8 52.4 78.6



#62
4-Nitroaniline
Concen: 49.990 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:138 Resp: 346378
Ion Ratio Lower Upper
138 100
92 52.9 32.6 72.6
108 86.4 65.0 105.0

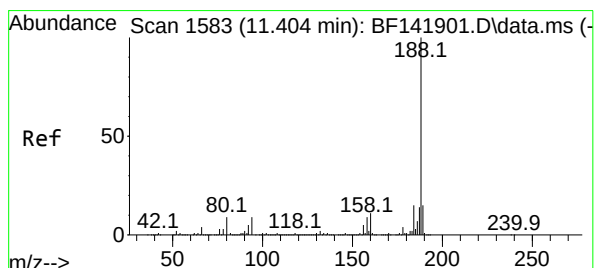
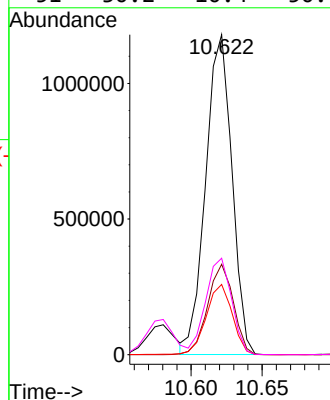
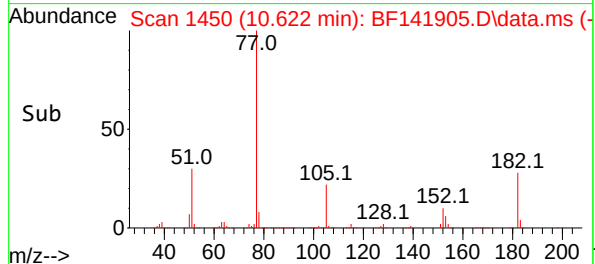
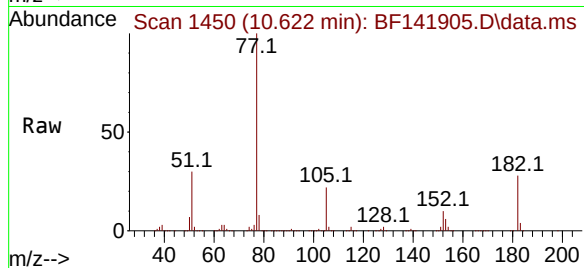




#63
Azobenzene
Concen: 48.653 ng
RT: 10.622 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

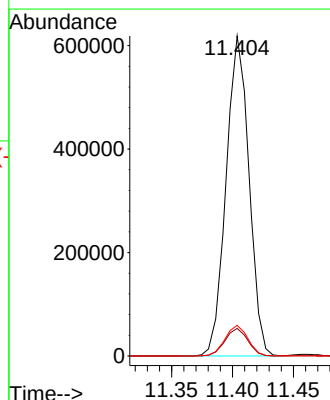
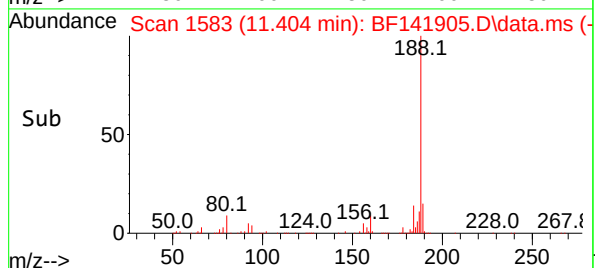
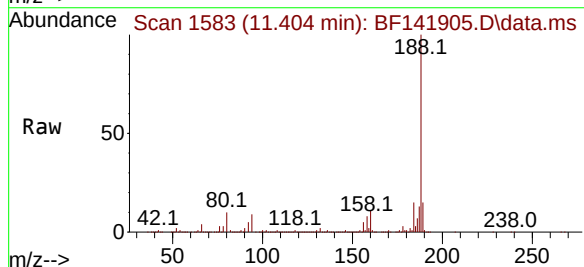
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

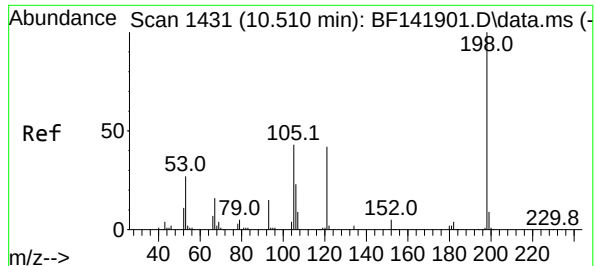
Tgt Ion: 77 Resp: 1519356
Ion Ratio Lower Upper
77 100
182 28.3 6.6 46.6
105 22.0 1.3 41.3
51 30.2 10.4 50.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion: 188 Resp: 811142
Ion Ratio Lower Upper
188 100
94 8.6 6.8 10.2
80 9.6 7.6 11.4

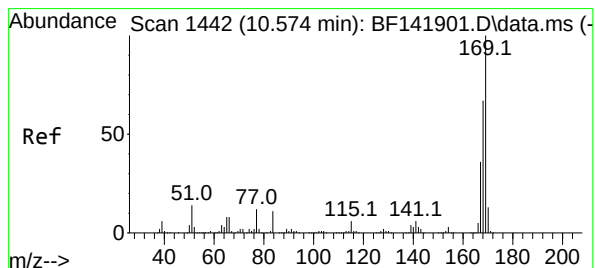
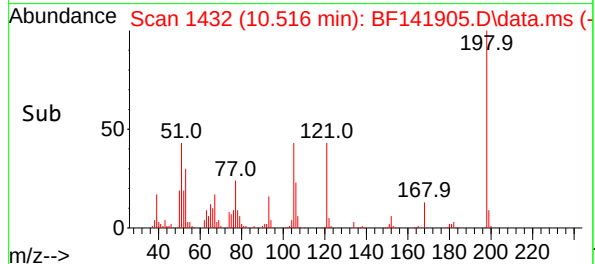
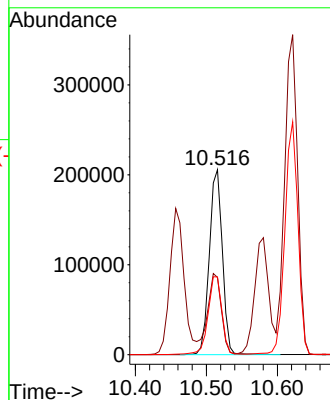
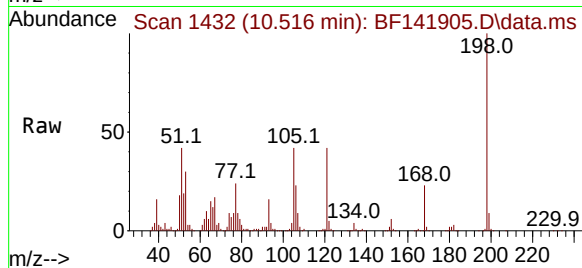




#65
4,6-Dinitro-2-methylphenol
Concen: 54.673 ng
RT: 10.516 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

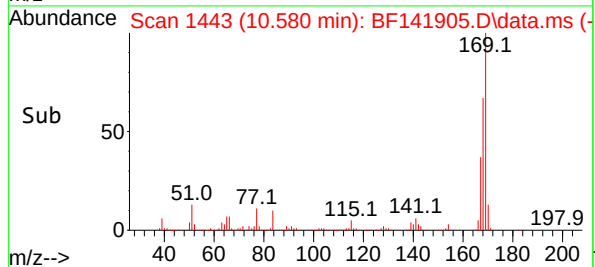
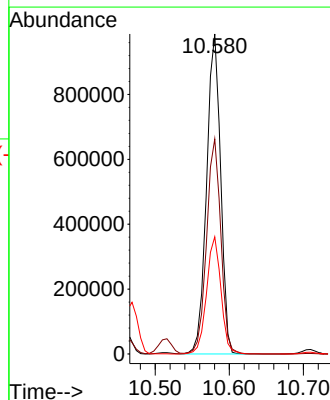
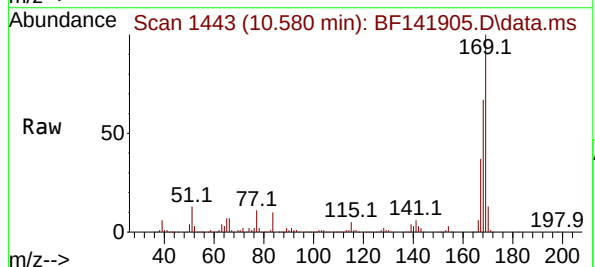
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

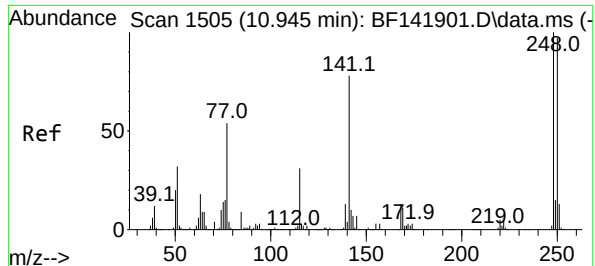
Tgt Ion:198 Resp: 262910
Ion Ratio Lower Upper
198 100
51 41.7 22.3 62.3
105 42.0 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 49.373 ng
RT: 10.580 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:169 Resp: 1293745
Ion Ratio Lower Upper
169 100
168 67.2 53.7 80.5
167 36.6 29.2 43.8

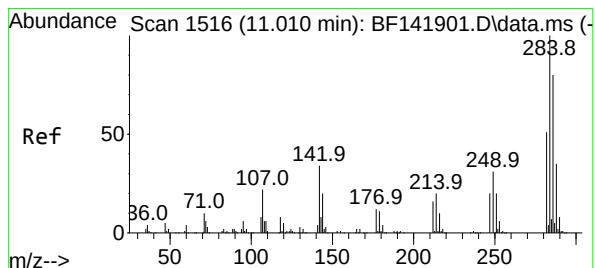
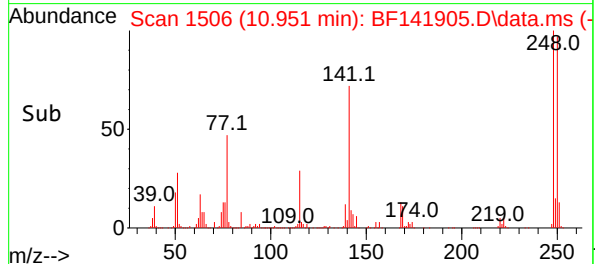
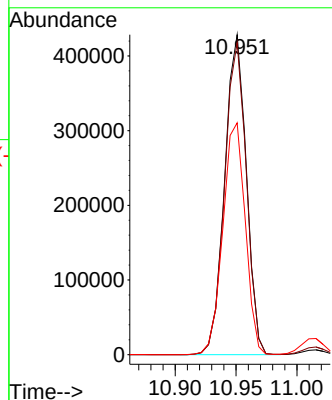
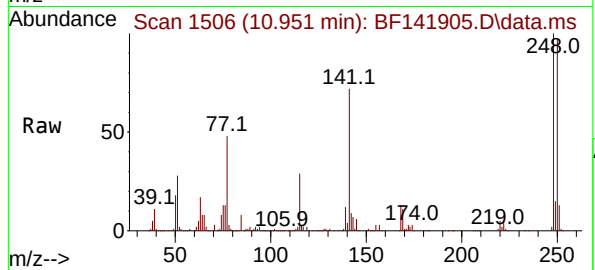




#67
4-Bromophenyl-phenylether
Concen: 52.740 ng
RT: 10.951 min Scan# 1105
Delta R.T. 0.006 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

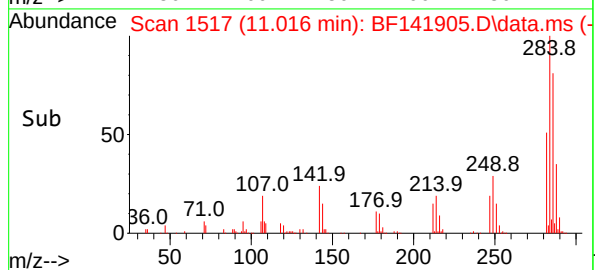
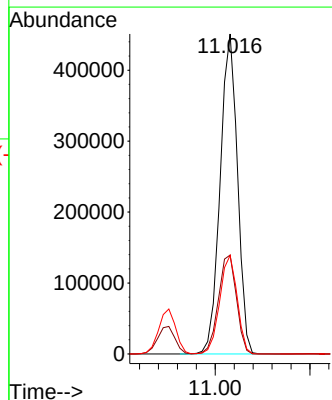
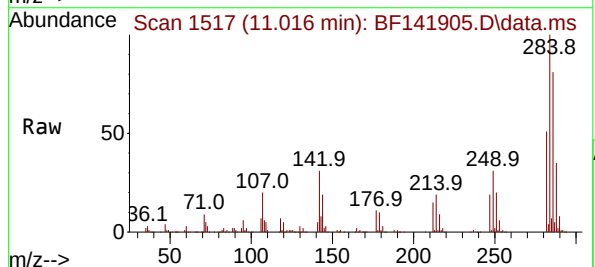
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

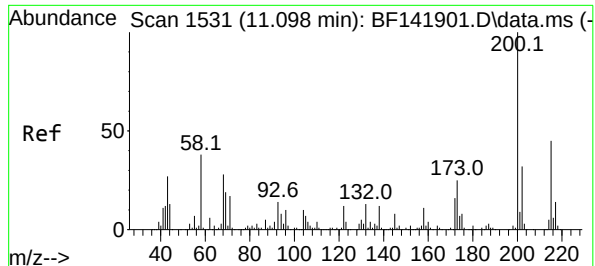
Tgt Ion:248 Resp: 532762
Ion Ratio Lower Upper
248 100
250 97.5 77.8 116.8
141 72.5 62.6 93.8



#68
Hexachlorobenzene
Concen: 51.359 ng
RT: 11.016 min Scan# 1517
Delta R.T. 0.006 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:284 Resp: 573467
Ion Ratio Lower Upper
284 100
142 30.9 27.0 40.6
249 30.8 25.2 37.8





#69

Atrazine

Concen: 65.441 ng

RT: 11.104 min Scan# 1532

Delta R.T. 0.006 min

Lab File: BF141905.D

Acq: 10 Mar 2025 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

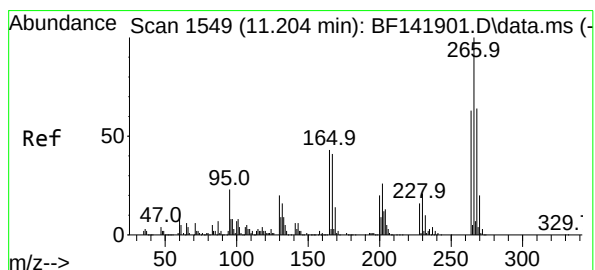
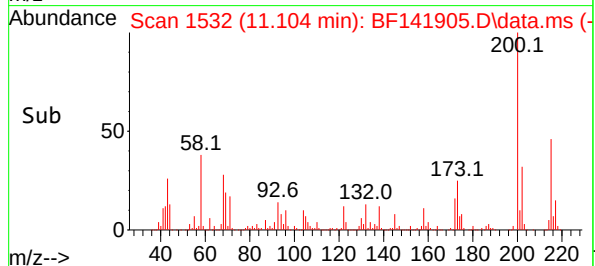
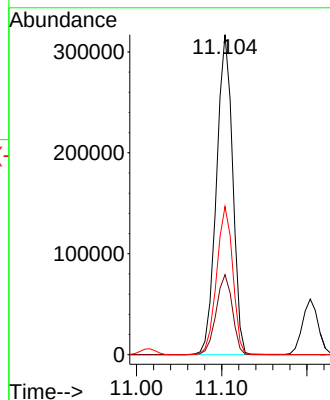
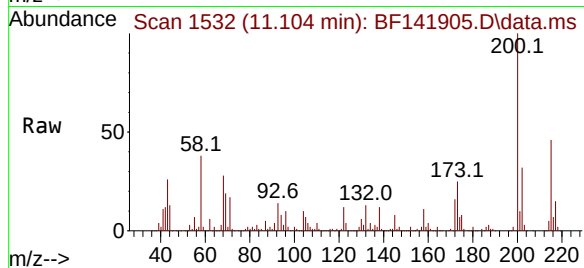
Tgt Ion:200 Resp: 418147

Ion Ratio Lower Upper

200 100

173 25.0 4.7 44.7

215 46.3 25.4 65.4



#70

Pentachlorophenol

Concen: 53.050 ng

RT: 11.204 min Scan# 1549

Delta R.T. -0.000 min

Lab File: BF141905.D

Acq: 10 Mar 2025 15:20

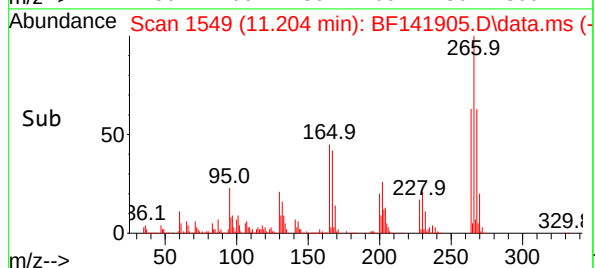
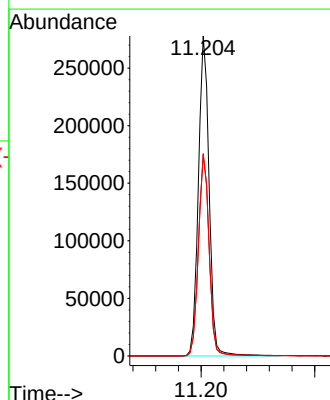
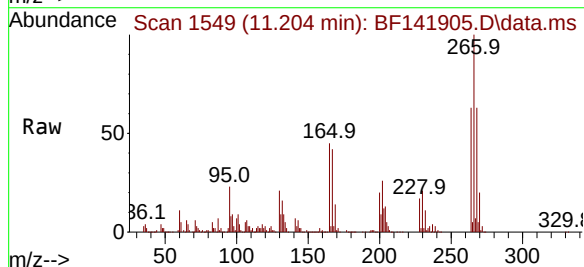
Tgt Ion:266 Resp: 365292

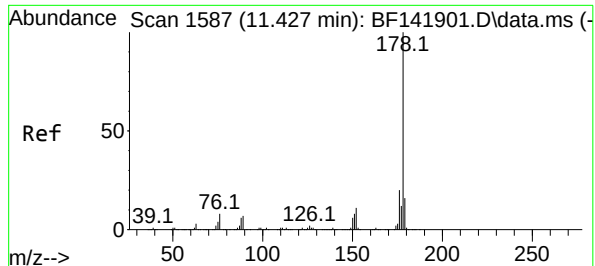
Ion Ratio Lower Upper

266 100

268 62.9 51.0 76.6

264 63.3 50.2 75.2

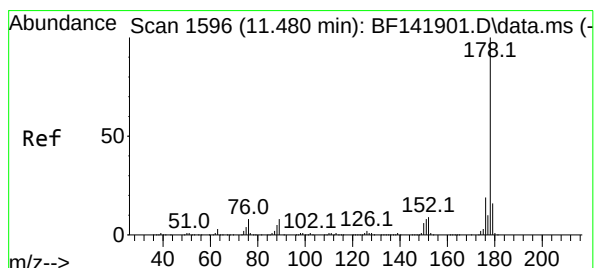
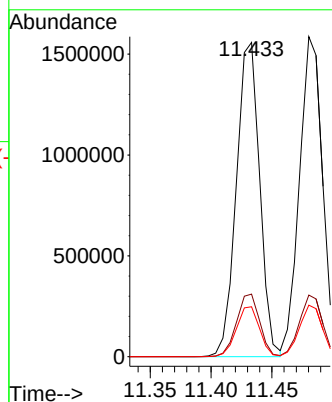
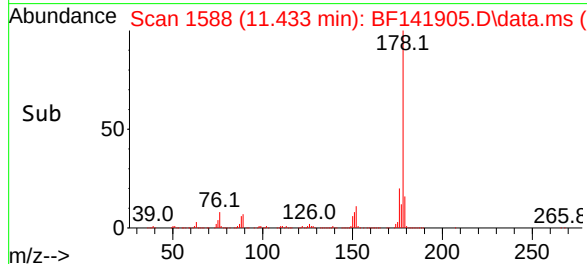
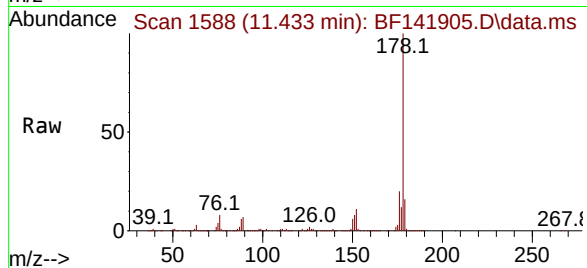




#71
Phenanthrene
Concen: 47.434 ng
RT: 11.433 min Scan# 1587
Delta R.T. 0.006 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

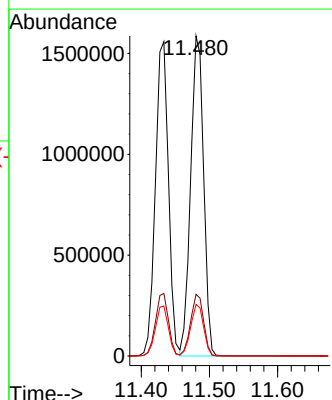
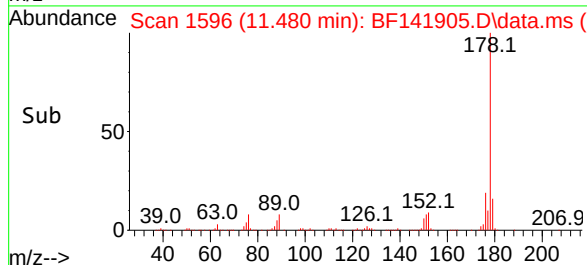
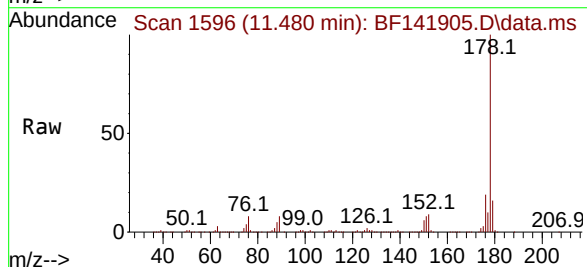
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

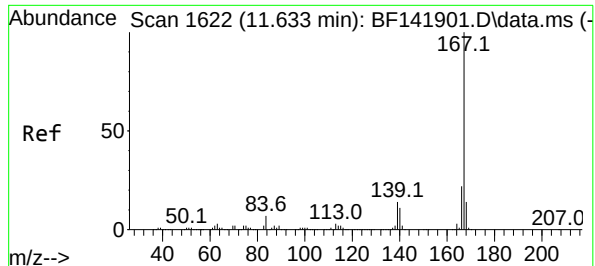
Tgt Ion:178 Resp: 2080633
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.8
179 15.9 12.6 19.0



#72
Anthracene
Concen: 47.299 ng
RT: 11.480 min Scan# 1596
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:178 Resp: 2081490
Ion Ratio Lower Upper
178 100
176 19.3 15.1 22.7
179 16.1 12.6 19.0

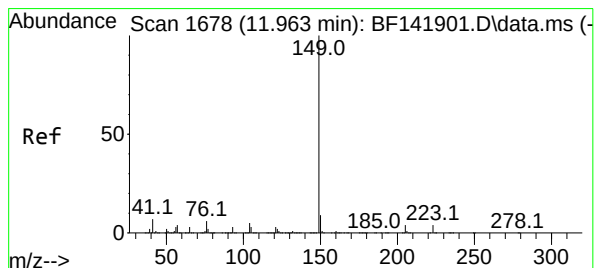
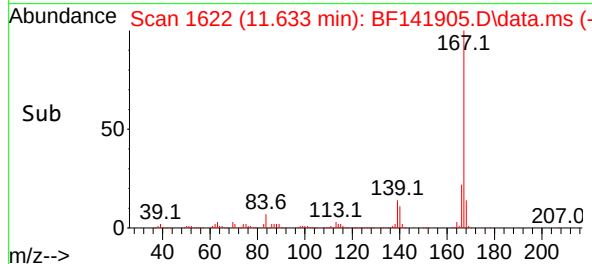
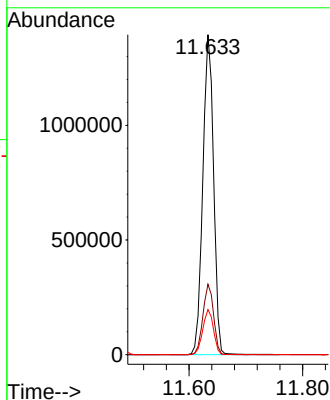
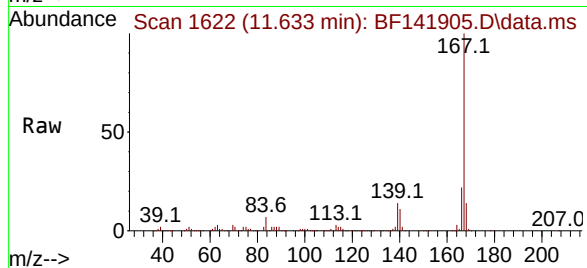




#73
Carbazole
Concen: 48.338 ng
RT: 11.633 min Scan# 1622
Delta R.T. 0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

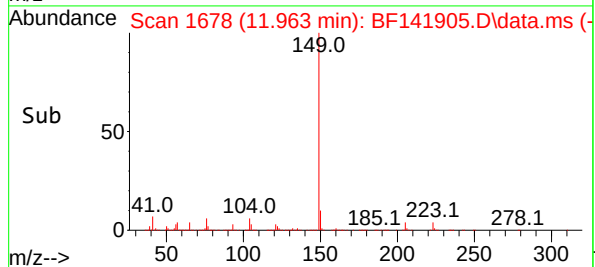
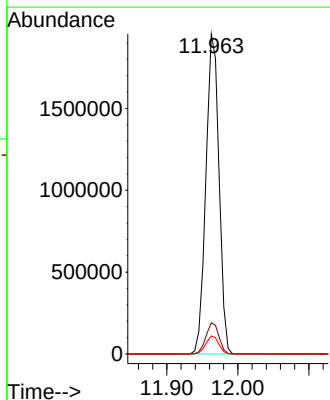
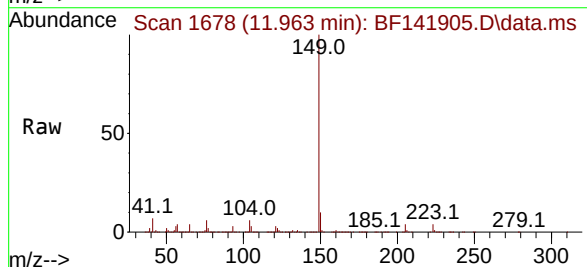
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

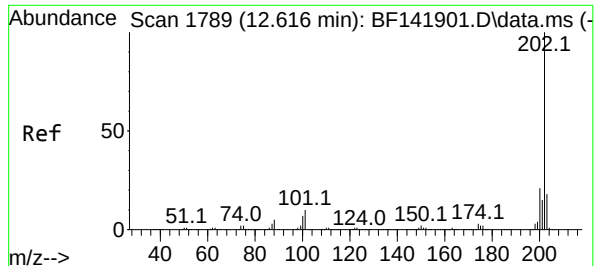
Tgt Ion:167 Resp: 1831424
Ion Ratio Lower Upper
167 100
166 22.0 17.4 26.2
139 14.1 11.0 16.6



#74
Di-n-butylphthalate
Concen: 50.185 ng
RT: 11.963 min Scan# 1678
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:149 Resp: 2510447
Ion Ratio Lower Upper
149 100
150 9.8 7.6 11.4
104 5.6 4.4 6.6

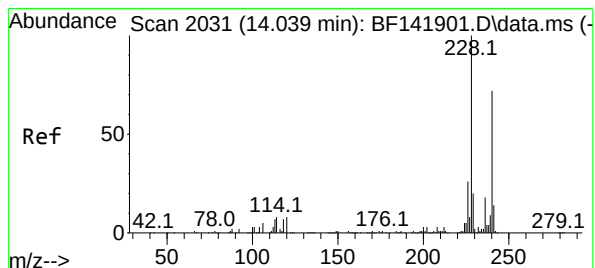
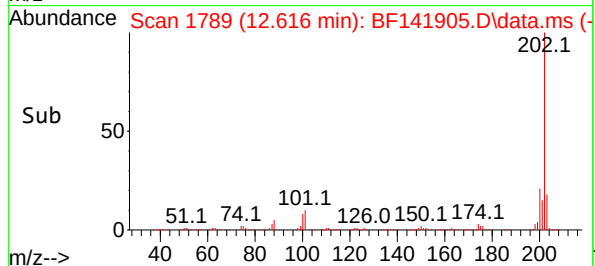
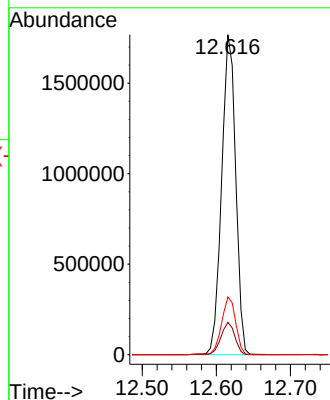
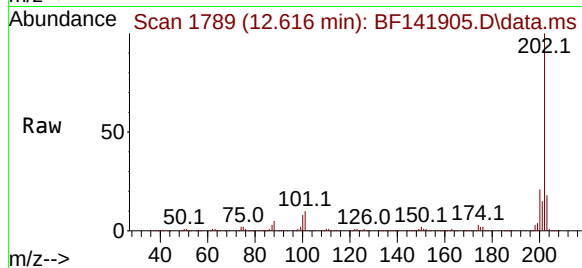




#75
Fluoranthene
Concen: 50.564 ng
RT: 12.616 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

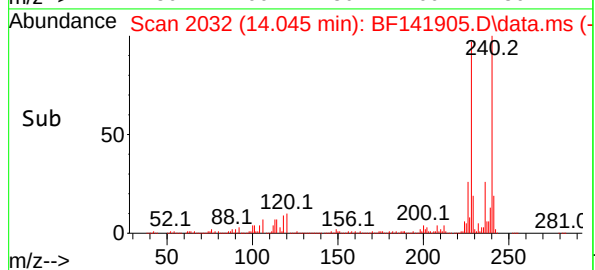
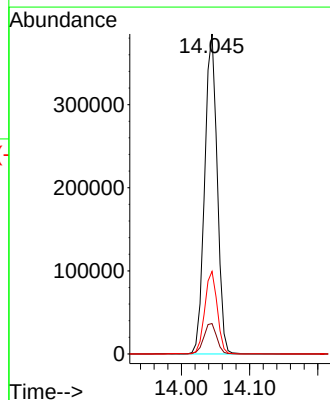
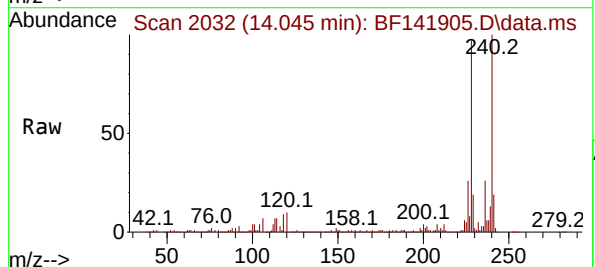
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

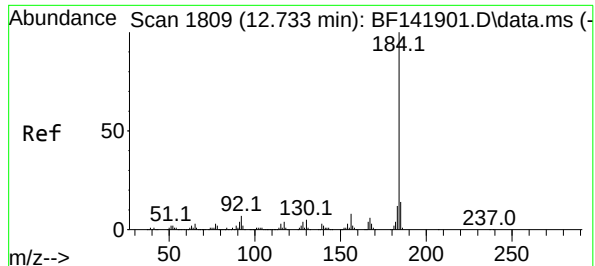
Tgt Ion:202 Resp: 2328357
Ion Ratio Lower Upper
202 100
101 10.1 0.0 29.7
203 18.1 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:240 Resp: 491943
Ion Ratio Lower Upper
240 100
120 9.5 8.4 12.6
236 25.8 20.5 30.7

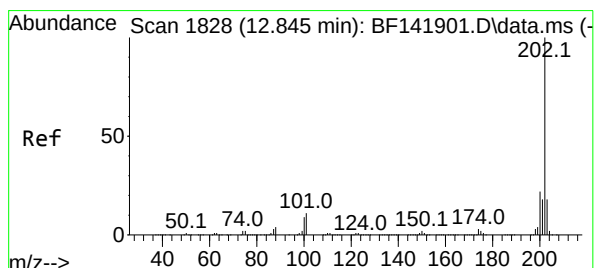
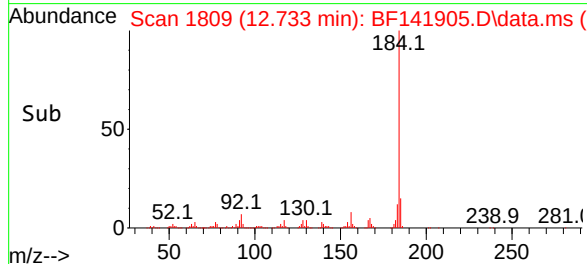
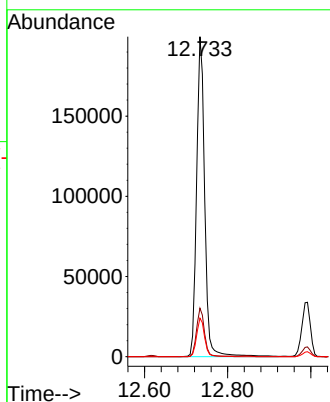
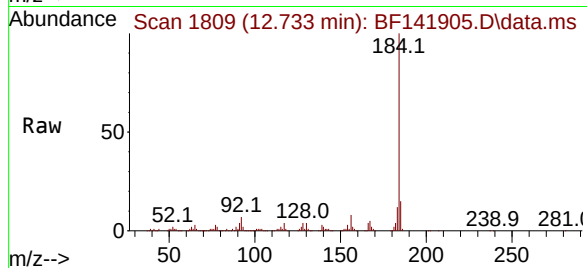




#77
Benzidine
Concen: 38.966 ng
RT: 12.733 min Scan# 1809
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

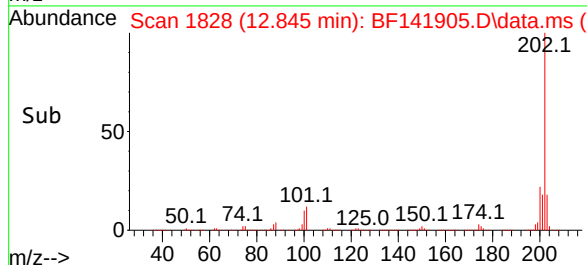
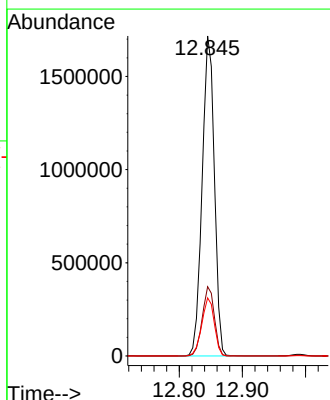
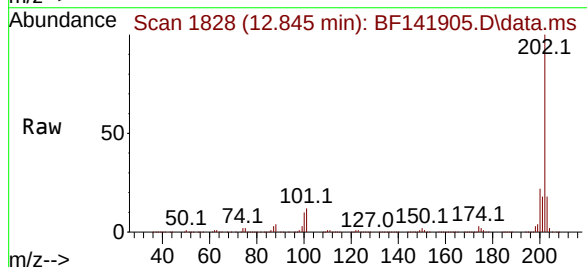
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

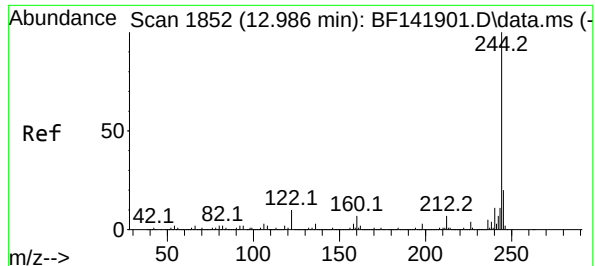
Tgt Ion:184 Resp: 270893
Ion Ratio Lower Upper
184 100
185 15.1 11.5 17.3
183 12.0 9.7 14.5



#78
Pyrene
Concen: 54.723 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:202 Resp: 2308671
Ion Ratio Lower Upper
202 100
200 21.6 17.3 25.9
203 18.2 14.4 21.6





#79

Terphenyl-d14

Concen: 102.007 ng

RT: 12.992 min Scan# 1853

Delta R.T. 0.006 min

Lab File: BF141905.D

Acq: 10 Mar 2025 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

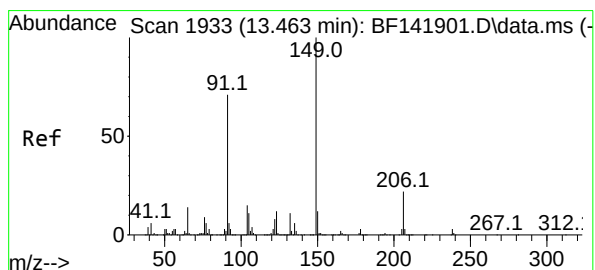
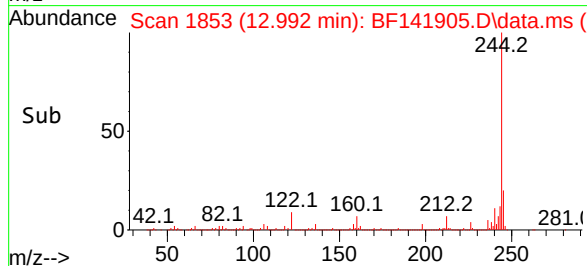
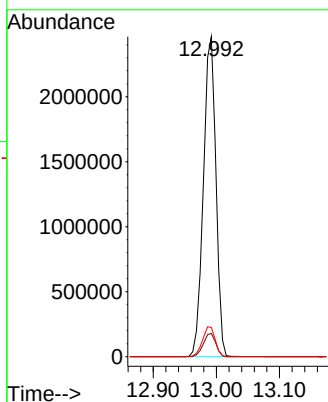
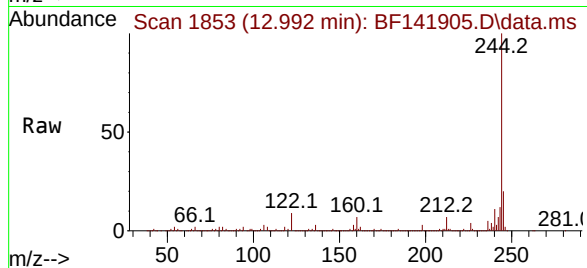
Tgt Ion:244 Resp: 3394803

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 9.2 7.7 11.5



#80

Butylbenzylphthalate

Concen: 52.022 ng

RT: 13.463 min Scan# 1933

Delta R.T. -0.000 min

Lab File: BF141905.D

Acq: 10 Mar 2025 15:20

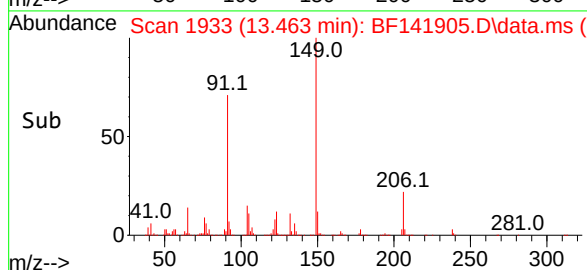
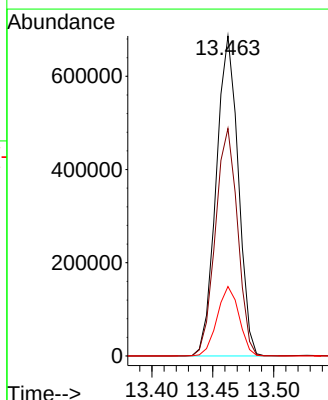
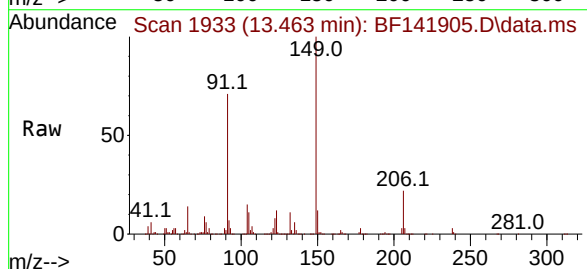
Tgt Ion:149 Resp: 864849

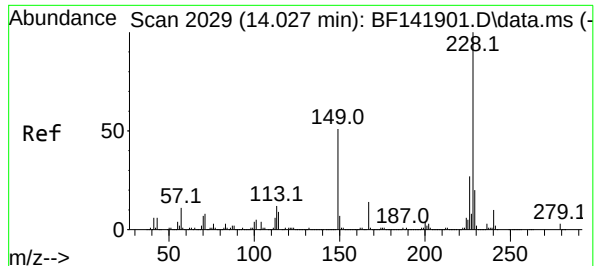
Ion Ratio Lower Upper

149 100

91 71.1 56.5 84.7

206 21.7 17.3 25.9





#81

Benzo(a)anthracene

Concen: 49.192 ng

RT: 14.033 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF141905.D

Acq: 10 Mar 2025 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

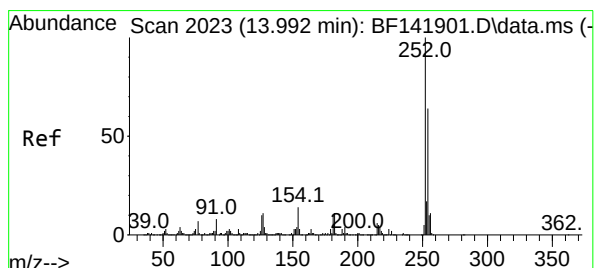
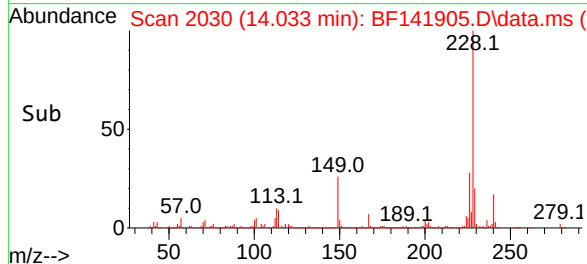
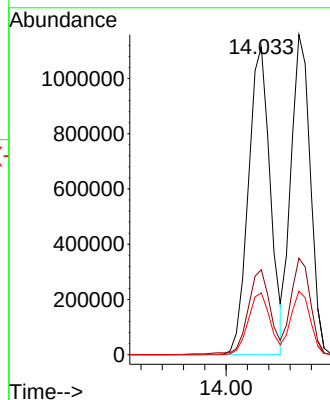
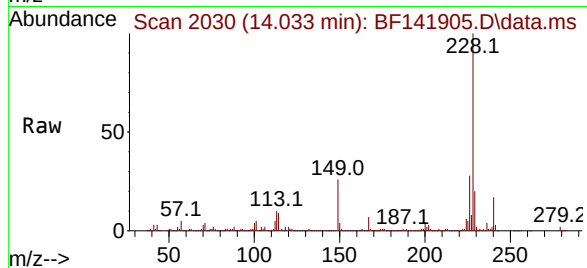
Tgt Ion:228 Resp: 1592035

Ion Ratio Lower Upper

228 100

226 27.6 21.8 32.8

229 20.1 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 48.044 ng

RT: 13.992 min Scan# 2023

Delta R.T. -0.000 min

Lab File: BF141905.D

Acq: 10 Mar 2025 15:20

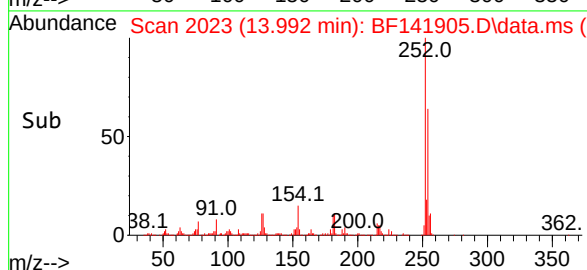
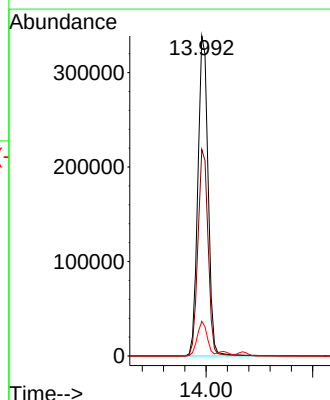
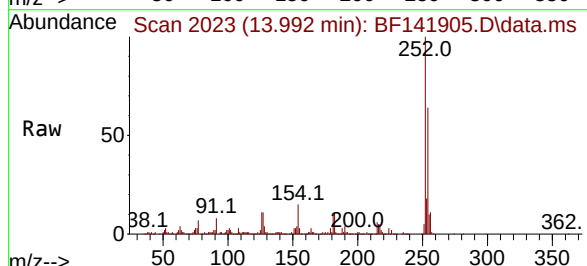
Tgt Ion:252 Resp: 449408

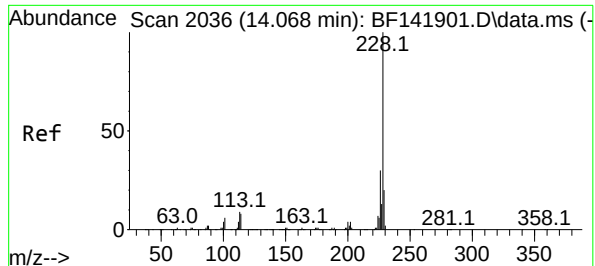
Ion Ratio Lower Upper

252 100

254 64.5 51.0 76.6

126 10.8 8.4 12.6





#83

Chrysene

Concen: 50.404 ng

RT: 14.068 min Scan# 2036

Delta R.T. -0.000 min

Lab File: BF141905.D

Acq: 10 Mar 2025 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

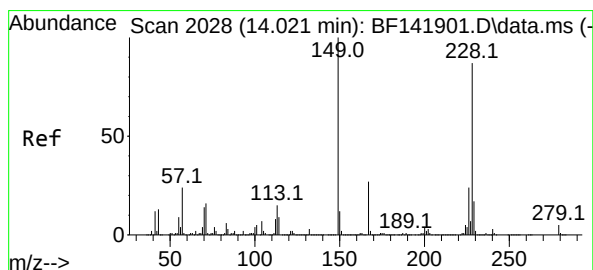
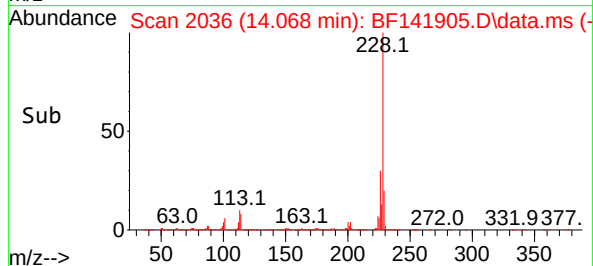
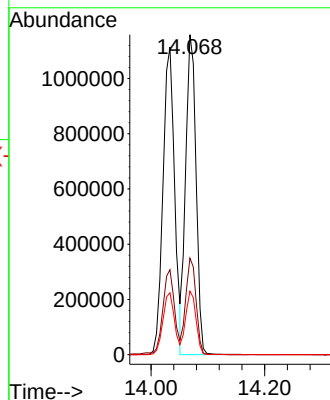
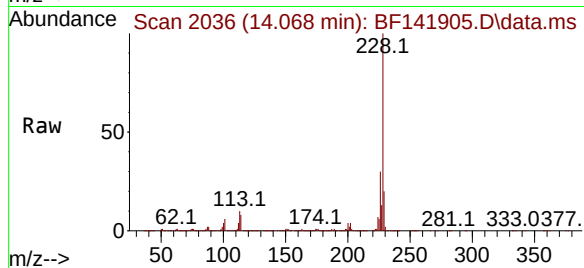
Tgt Ion:228 Resp: 1465389

Ion Ratio Lower Upper

228 100

226 30.2 24.1 36.1

229 19.9 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.747 ng

RT: 14.021 min Scan# 2028

Delta R.T. -0.000 min

Lab File: BF141905.D

Acq: 10 Mar 2025 15:20

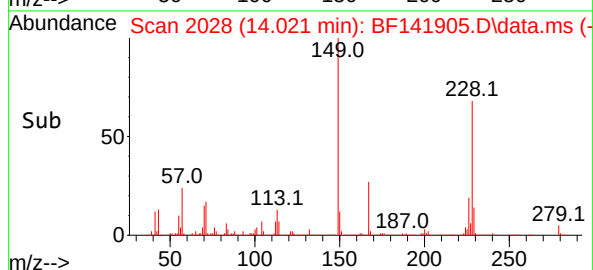
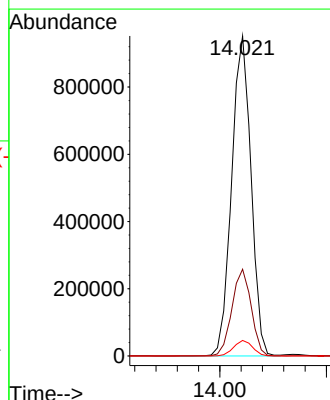
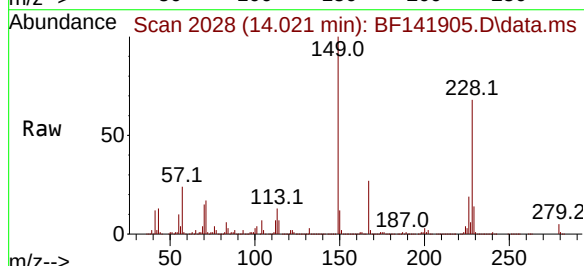
Tgt Ion:149 Resp: 1203021

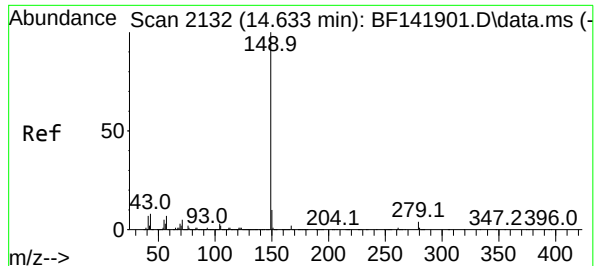
Ion Ratio Lower Upper

149 100

167 27.1 21.4 32.0

279 4.9 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 53.307 ng

RT: 14.633 min Scan# 2132

Delta R.T. -0.000 min

Lab File: BF141905.D

Acq: 10 Mar 2025 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

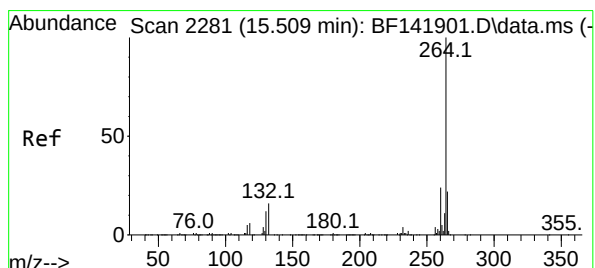
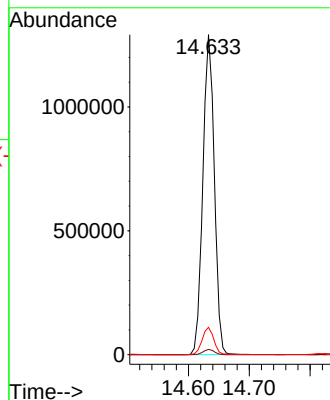
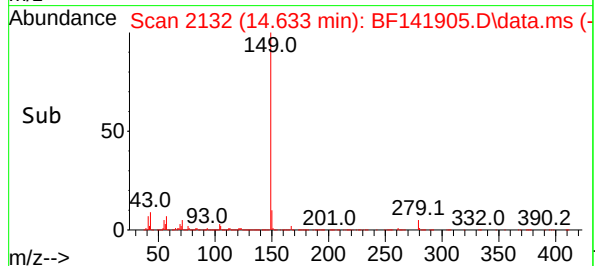
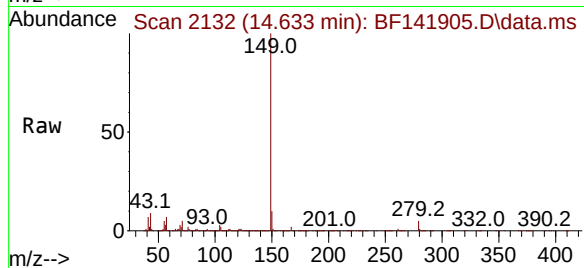
Tgt Ion:149 Resp: 1692206

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.7 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.509 min Scan# 2281

Delta R.T. -0.000 min

Lab File: BF141905.D

Acq: 10 Mar 2025 15:20

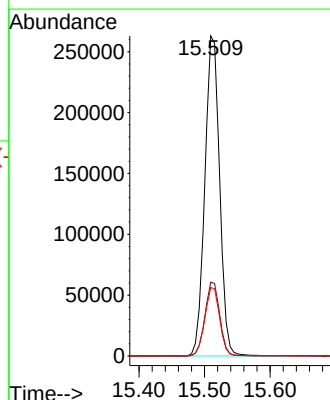
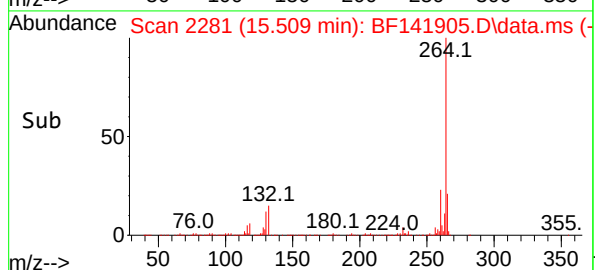
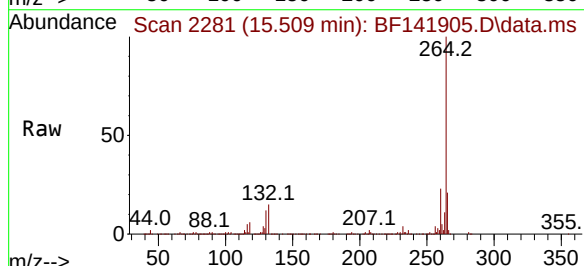
Tgt Ion:264 Resp: 413564

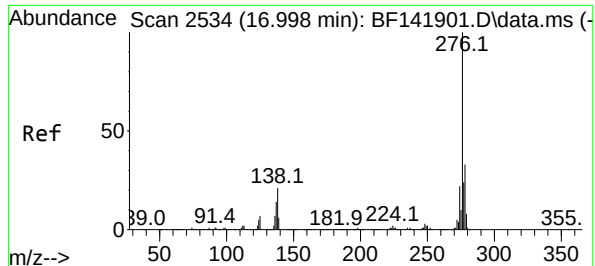
Ion Ratio Lower Upper

264 100

260 23.1 19.1 28.7

265 21.4 17.5 26.3

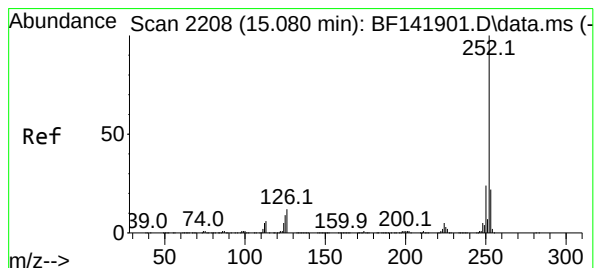
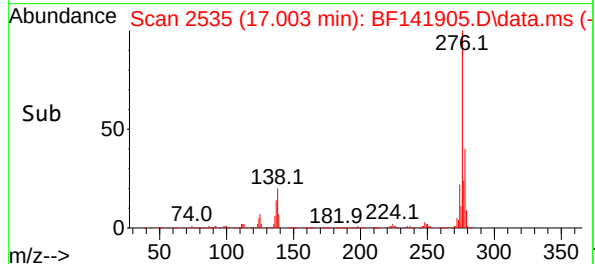
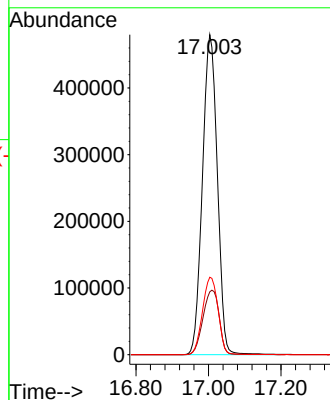
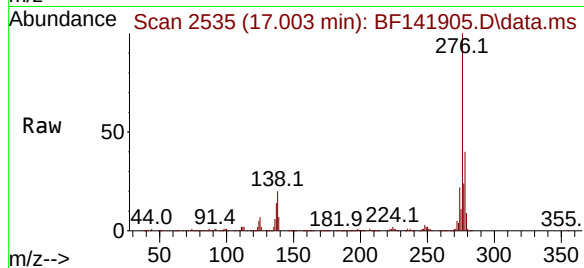




#87
Indeno(1,2,3-cd)pyrene
Concen: 50.969 ng
RT: 17.003 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

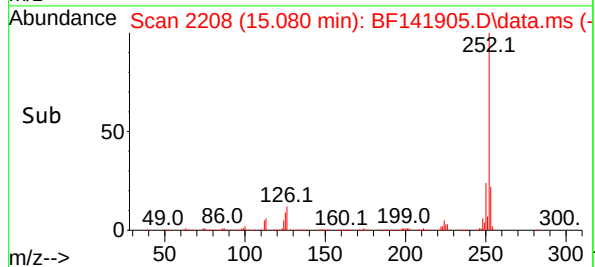
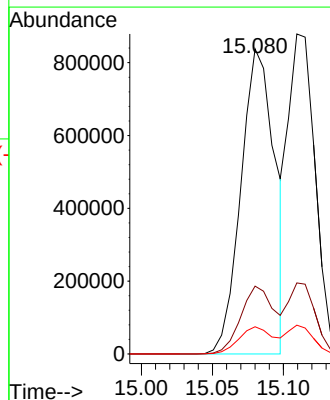
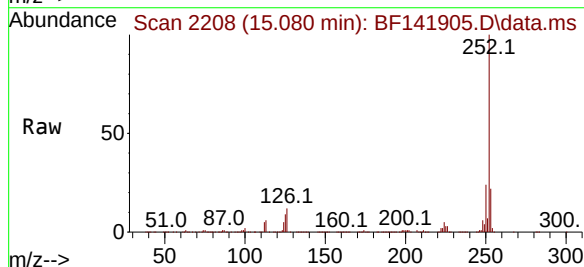
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

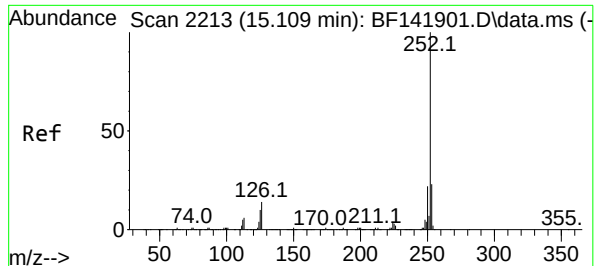
Tgt Ion:276 Resp: 1366974
Ion Ratio Lower Upper
276 100
138 21.9 18.4 27.6
277 25.3 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 49.625 ng
RT: 15.080 min Scan# 2208
Delta R.T. -0.000 min
Lab File: BF141905.D
Acq: 10 Mar 2025 15:20

Tgt Ion:252 Resp: 1392083
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 8.9 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 47.638 ng

RT: 15.109 min Scan# 2213

Delta R.T. -0.000 min

Lab File: BF141905.D

Acq: 10 Mar 2025 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

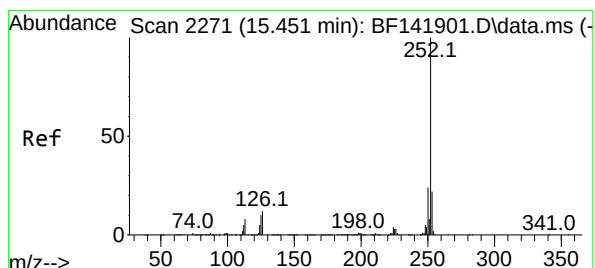
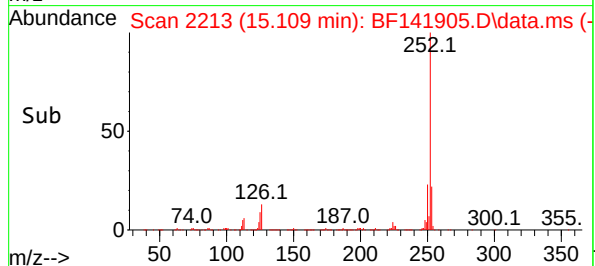
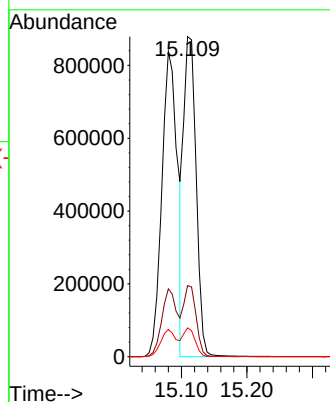
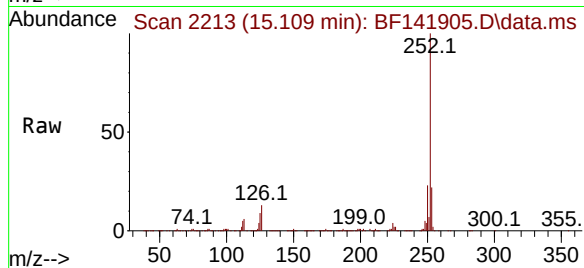
Tgt Ion:252 Resp: 1167351

Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 9.0 7.2 10.8



#90

Benzo(a)pyrene

Concen: 50.591 ng

RT: 15.451 min Scan# 2271

Delta R.T. -0.000 min

Lab File: BF141905.D

Acq: 10 Mar 2025 15:20

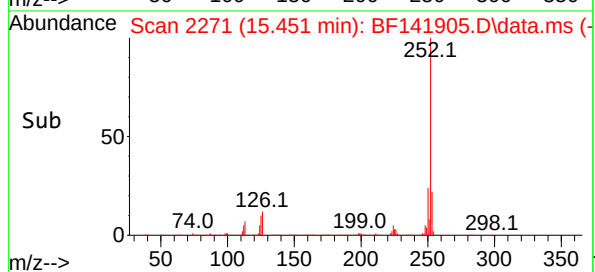
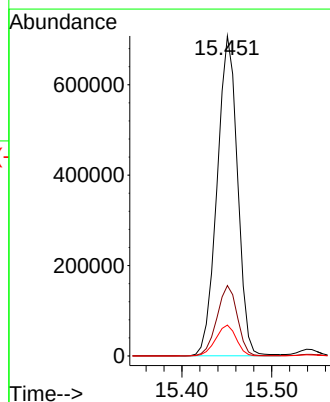
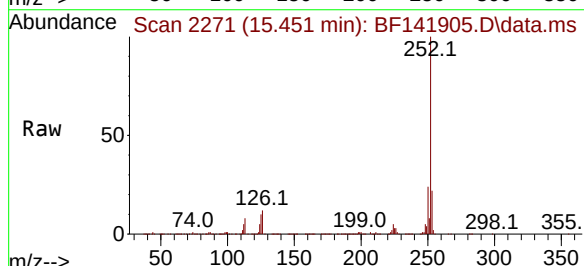
Tgt Ion:252 Resp: 1119256

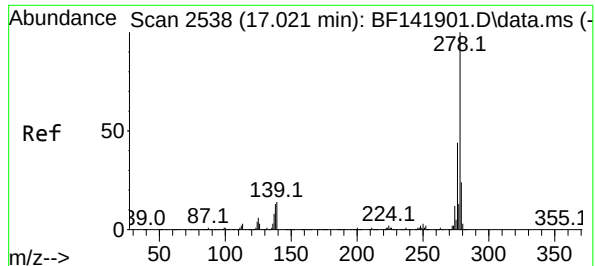
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 9.6 7.8 11.8





#91

Dibenzo(a,h)anthracene

Concen: 51.149 ng

RT: 17.021 min Scan# 2538

Delta R.T. -0.000 min

Lab File: BF141905.D

Acq: 10 Mar 2025 15:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

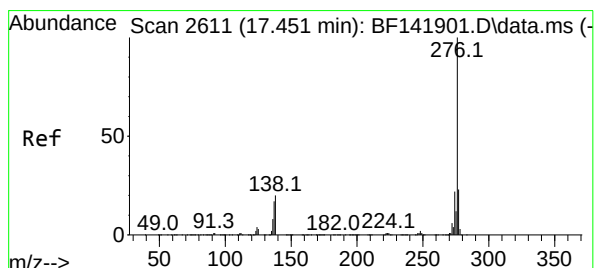
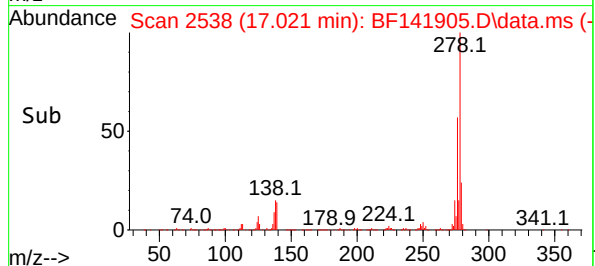
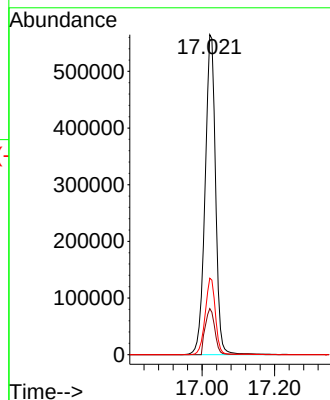
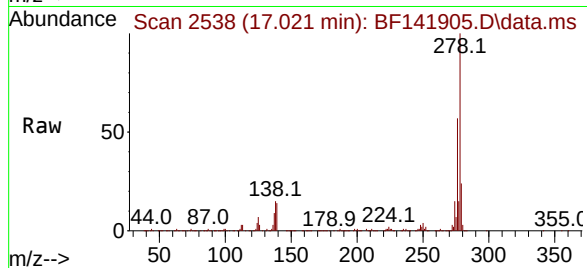
Tgt Ion:278 Resp: 1131875

Ion Ratio Lower Upper

278 100

139 14.4 11.4 17.2

279 23.9 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 50.106 ng

RT: 17.456 min Scan# 2612

Delta R.T. 0.006 min

Lab File: BF141905.D

Acq: 10 Mar 2025 15:20

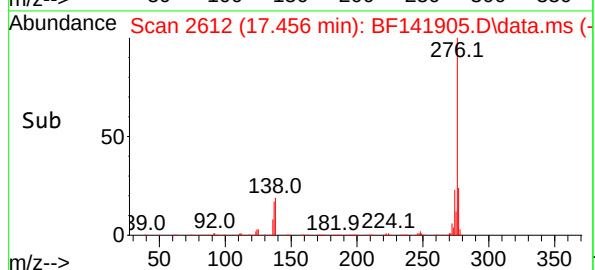
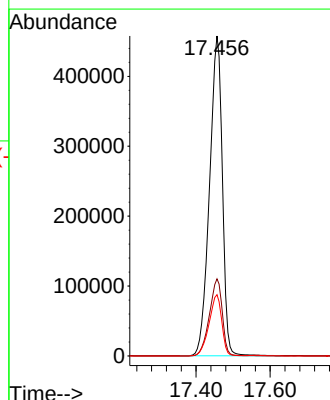
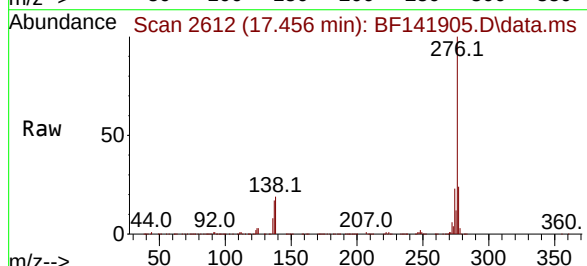
Tgt Ion:276 Resp: 1099760

Ion Ratio Lower Upper

276 100

277 24.1 18.7 28.1

138 19.2 15.8 23.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
 Data File : BF141906.D
 Acq On : 10 Mar 2025 15:53
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031025

Quant Time: Mar 10 16:15:33 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	209747	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	840616	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	483165	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	813672	20.000	ng	0.00
76) Chrysene-d12	14.039	240	523890	20.000	ng	0.00
86) Perylene-d12	15.510	264	426422	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	965473	76.823	ng	0.00
7) Phenol-d6	6.504	99	1231487	76.962	ng	0.00
23) Nitrobenzene-d5	7.445	82	1179480	78.962	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	486334	79.342	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2399526	75.528	ng	0.00
79) Terphenyl-d14	12.986	244	2825870	79.748	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	203628	38.670	ng	99
3) Pyridine	3.428	79	504398	39.050	ng	99
4) n-Nitrosodimethylamine	3.387	42	239879	38.959	ng	97
6) Aniline	6.545	93	614962	38.958	ng	98
8) 2-Chlorophenol	6.669	128	539701	38.721	ng	99
9) Benzaldehyde	6.434	77	339615	37.950	ng	99
10) Phenol	6.516	94	658449	39.115	ng	97
11) bis(2-Chloroethyl)ether	6.616	93	483438	38.246	ng	99
12) 1,3-Dichlorobenzene	6.822	146	577700	38.391	ng	100
13) 1,4-Dichlorobenzene	6.898	146	584132	38.366	ng	99
14) 1,2-Dichlorobenzene	7.051	146	555621	38.744	ng	100
15) Benzyl Alcohol	7.022	79	509792	39.408	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	569783	37.338	ng	100
17) 2-Methylphenol	7.128	107	429715	38.775	ng	99
18) Hexachloroethane	7.392	117	221507	38.797	ng	100
19) n-Nitroso-di-n-propyla...	7.298	70	391096	38.038	ng	100
20) 3+4-Methylphenols	7.281	107	548208	38.619	ng	99
22) Acetophenone	7.292	105	757917	37.650	ng	98
24) Nitrobenzene	7.463	77	578836	38.980	ng	99
25) Isophorone	7.704	82	1007659	38.163	ng	100
26) 2-Nitrophenol	7.775	139	294657	40.429	ng	96
27) 2,4-Dimethylphenol	7.810	122	385504	38.414	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	628379	37.943	ng	100
29) 2,4-Dichlorophenol	8.016	162	485205	38.952	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	526250	38.336	ng	100
31) Naphthalene	8.187	128	1633401	37.827	ng	100
32) Benzoic acid	7.928	122	373179	42.303	ng	99
33) 4-Chloroaniline	8.228	127	592172	38.847	ng	99
34) Hexachlorobutadiene	8.304	225	347789	38.849	ng	99
35) Caprolactam	8.604	113	141562	37.276	ng	98
36) 4-Chloro-3-methylphenol	8.704	107	535661	38.550	ng	99
37) 2-Methylnaphthalene	8.875	142	1094895	37.935	ng	100
38) 1-Methylnaphthalene	8.975	142	1071850	38.484	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	561804	38.191	ng	99
41) Hexachlorocyclopentadiene	9.028	237	220386	38.281	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	377743	39.292	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
 Data File : BF141906.D
 Acq On : 10 Mar 2025 15:53
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031025

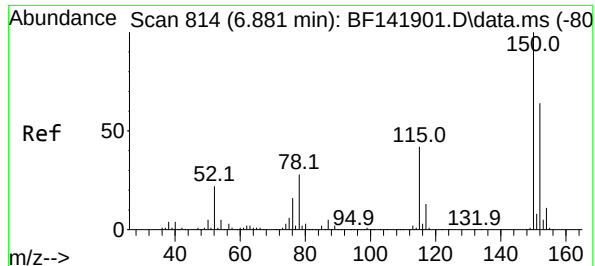
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	372564	38.263	ng	99
46) 1,1'-Biphenyl	9.339	154	1401736	38.182	ng	100
47) 2-Chloronaphthalene	9.363	162	1042241	38.090	ng	99
48) 2-Nitroaniline	9.457	65	308259	38.908	ng	99
49) Acenaphthylene	9.781	152	1531852	37.725	ng	100
50) Dimethylphthalate	9.639	163	1272572	37.611	ng	100
51) 2,6-Dinitrotoluene	9.698	165	274531	38.970	ng	99
52) Acenaphthene	9.951	154	1095922	38.405	ng	100
53) 3-Nitroaniline	9.869	138	275555	38.561	ng	99
54) 2,4-Dinitrophenol	9.969	184	142831	39.326	ng	95
55) Dibenzofuran	10.122	168	1540381	37.778	ng	100
56) 4-Nitrophenol	10.016	139	212462	39.425	ng	99
57) 2,4-Dinitrotoluene	10.104	165	361518	39.291	ng	99
58) Fluorene	10.469	166	1175392	37.381	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	346168	39.070	ng	99
60) Diethylphthalate	10.339	149	1293401	38.337	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	627404	38.272	ng	99
62) 4-Nitroaniline	10.480	138	270993	38.953	ng	99
63) Azobenzene	10.622	77	1189121	37.911	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	200888	41.415	ng	99
66) n-Nitrosodiphenylamine	10.575	169	1008029	38.283	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	398683	39.015	ng	98
68) Hexachlorobenzene	11.016	284	445938	39.789	ng	96
69) Atrazine	11.098	200	257856	31.945	ng	99
70) Pentachlorophenol	11.204	266	289713	41.955	ng	100
71) Phenanthrene	11.427	178	1685770	38.357	ng	100
72) Anthracene	11.480	178	1675103	37.991	ng	100
73) Carbazole	11.633	167	1451333	38.167	ng	99
74) Di-n-butylphthalate	11.963	149	1953516	38.717	ng	100
75) Fluoranthene	12.616	202	1750317	37.545	ng	100
77) Benzidine	12.733	184	420377	57.513	ng	100
78) Pyrene	12.845	202	1746456	38.539	ng	100
80) Butylbenzylphthalate	13.463	149	723288	40.778	ng	99
81) Benzo(a)anthracene	14.027	228	1347977	39.211	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	380866	38.337	ng	100
83) Chrysene	14.068	228	1159074	37.195	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	1006170	41.142	ng	99
85) Di-n-octyl phthalate	14.633	149	1394136	40.971	ng	100
87) Indeno(1,2,3-cd)pyrene	17.004	276	1061096	38.467	ng	99
88) Benzo(b)fluoranthene	15.080	252	1166263	39.906	ng	99
89) Benzo(k)fluoranthene	15.110	252	869471	34.765	ng	100
90) Benzo(a)pyrene	15.451	252	882967	38.612	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	886038	38.931	ng	99
92) Benzo(g,h,i)perylene	17.451	276	855812	38.051	ng	99

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

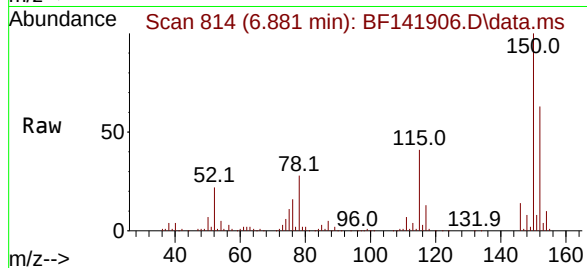
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BNA_F
ClientSampleId :
ICVBF031025

[illegible]

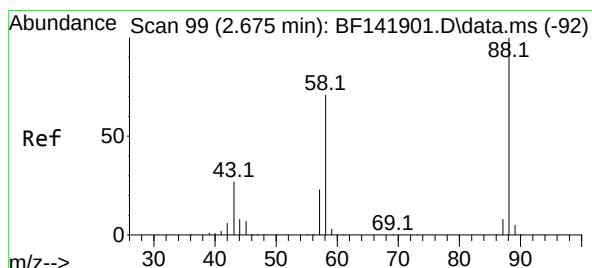
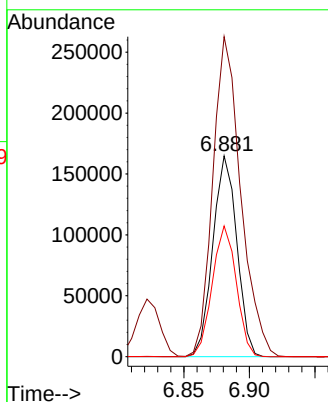
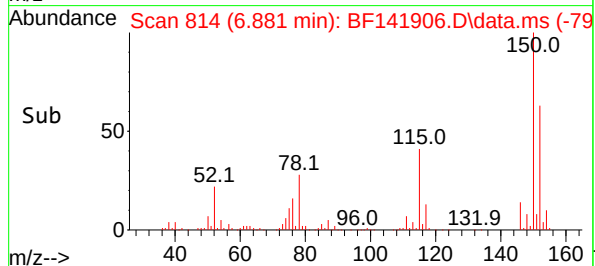


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Instrument :
BNA_F
ClientSampleId :
ICVBF031025

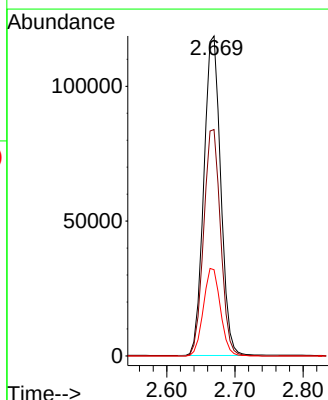
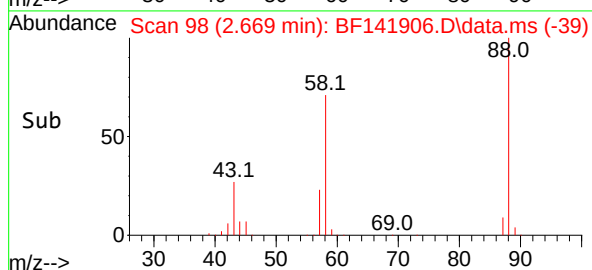
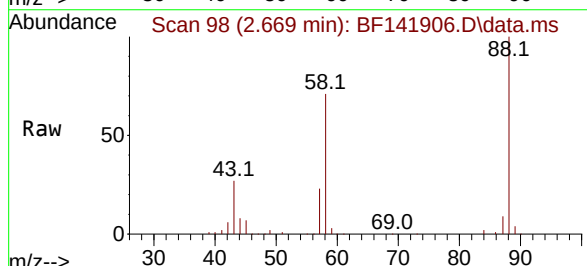


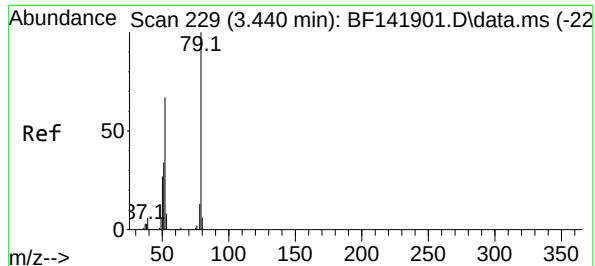
Tgt Ion:152 Resp: 209747
Ion Ratio Lower Upper
152 100
150 159.4 127.4 191.2
115 65.1 51.9 77.9



#2
1,4-Dioxane
Concen: 38.670 ng
RT: 2.669 min Scan# 98
Delta R.T. -0.006 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion: 88 Resp: 203628
Ion Ratio Lower Upper
88 100
58 71.2 57.4 86.2
43 27.6 21.5 32.3

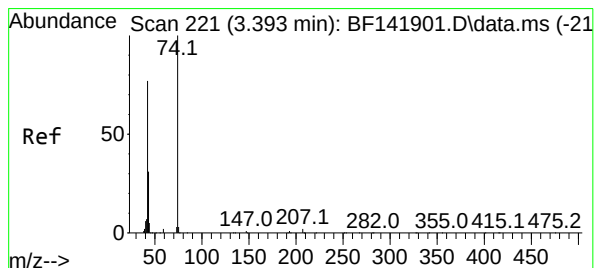
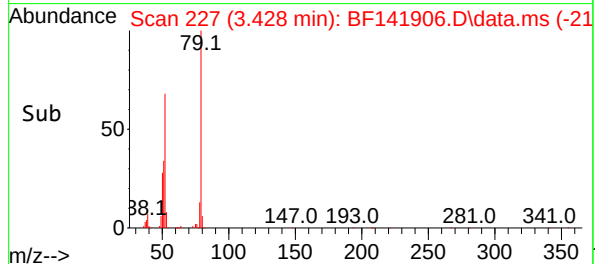
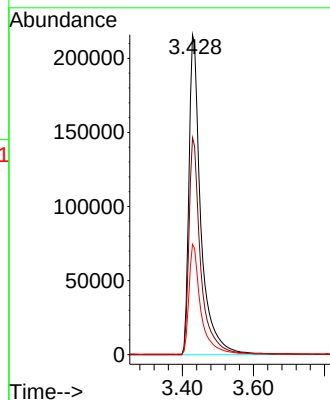
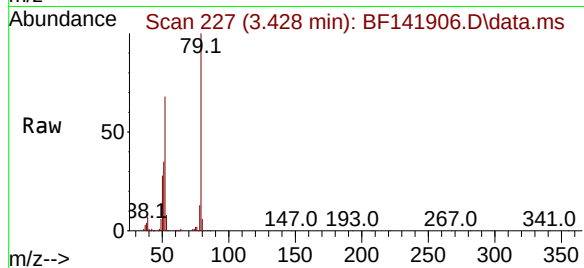




#3
Pyridine
Concen: 39.050 ng
RT: 3.428 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

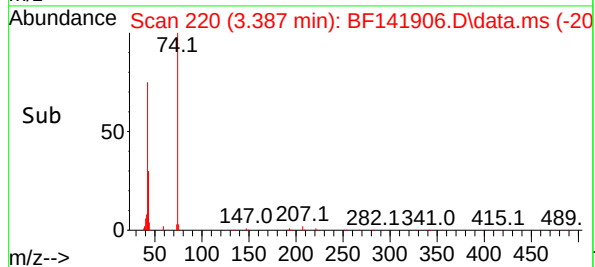
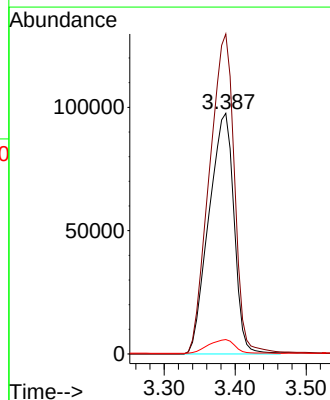
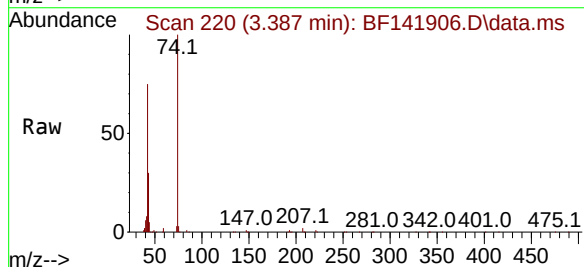
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

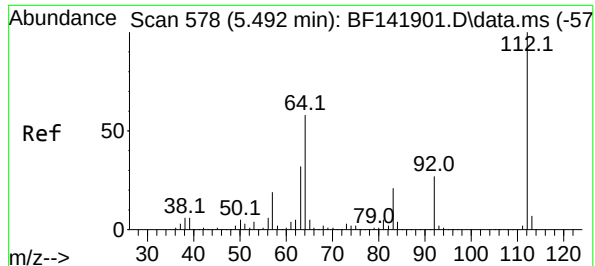
Tgt Ion: 79 Resp: 504398
Ion Ratio Lower Upper
79 100
52 67.8 53.3 79.9
51 34.5 27.6 41.4



#4
n-Nitrosodimethylamine
Concen: 38.959 ng
RT: 3.387 min Scan# 220
Delta R.T. -0.006 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion: 42 Resp: 239879
Ion Ratio Lower Upper
42 100
74 133.0 103.4 155.0
44 6.0 5.0 7.4

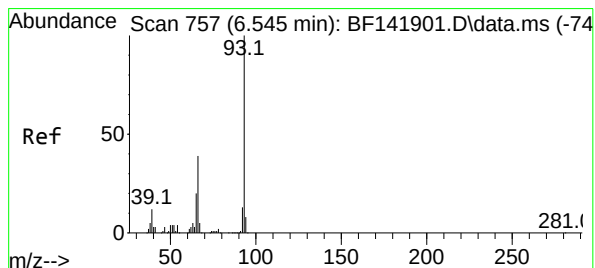
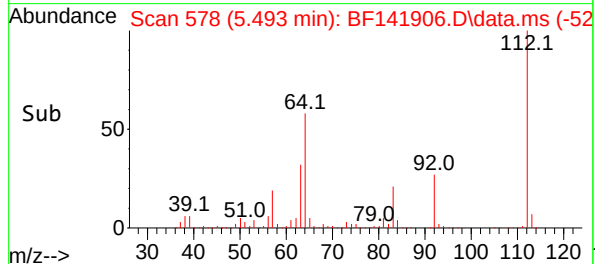
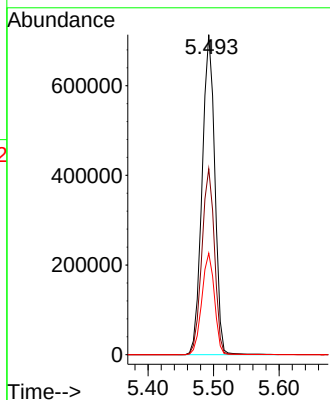
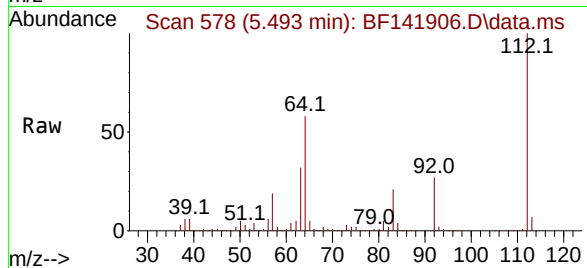




#5
2-Fluorophenol
Concen: 76.823 ng
RT: 5.493 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

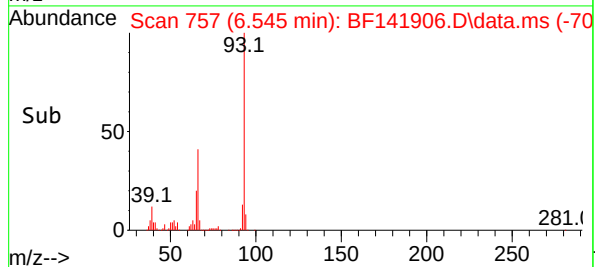
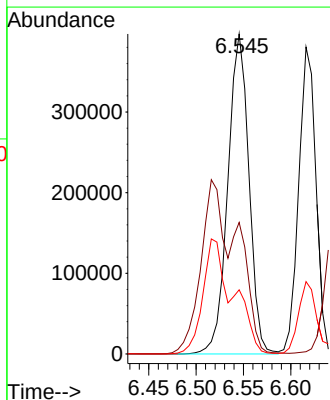
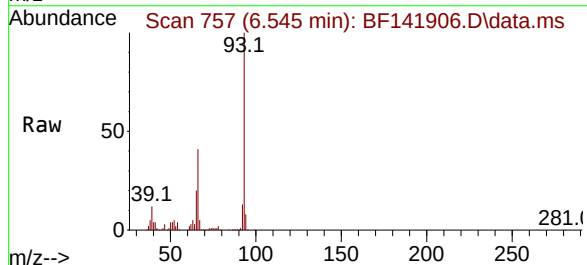
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

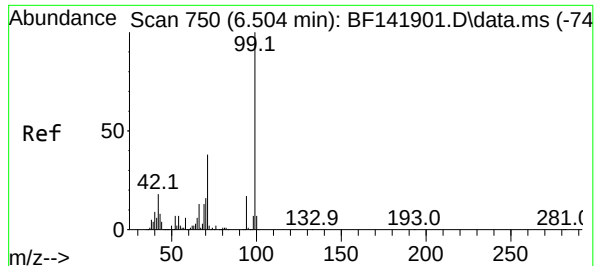
Tgt Ion:112 Resp: 965473
Ion Ratio Lower Upper
112 100
64 58.1 46.5 69.7
63 31.7 25.4 38.2



#6
Aniline
Concen: 38.958 ng
RT: 6.545 min Scan# 757
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion: 93 Resp: 614962
Ion Ratio Lower Upper
93 100
66 41.1 31.9 47.9
65 20.0 15.8 23.6





#7

Phenol-d6

Concen: 76.962 ng

RT: 6.504 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Instrument :

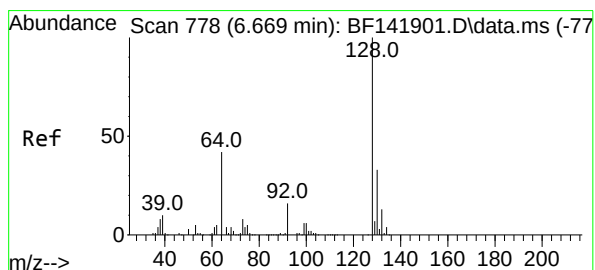
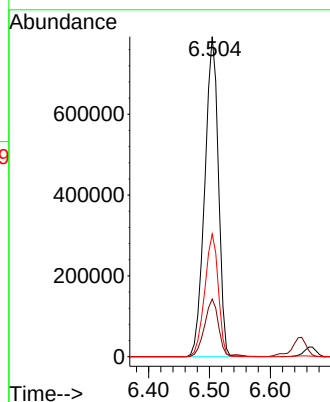
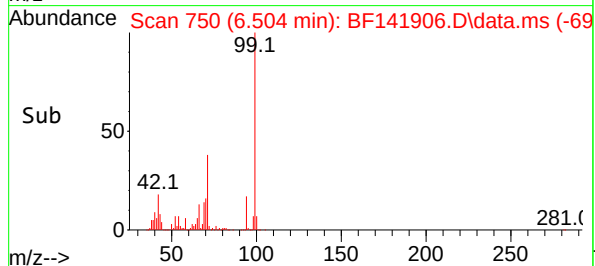
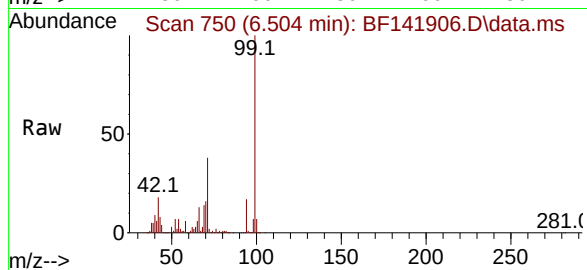
BNA_F

ClientSampleId :

ICVBF031025

Tgt Ion: 99 Resp: 1231487

Ion	Ratio	Lower	Upper
99	100		
42	18.0	14.6	21.8
71	38.3	30.8	46.2



#8

2-Chlorophenol

Concen: 38.721 ng

RT: 6.669 min Scan# 778

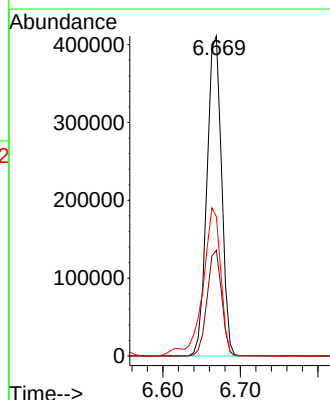
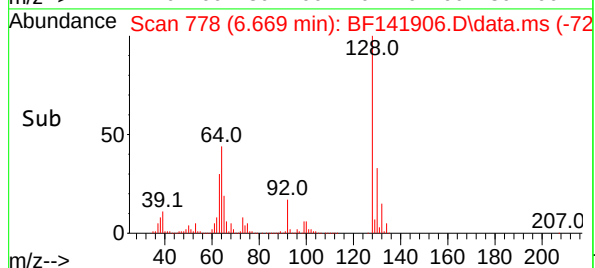
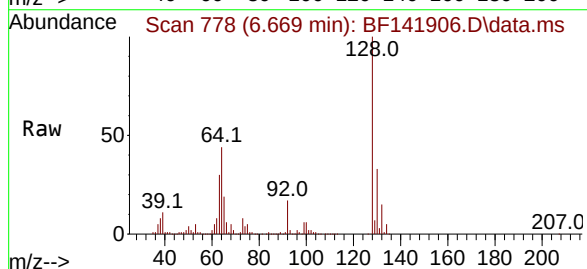
Delta R.T. 0.000 min

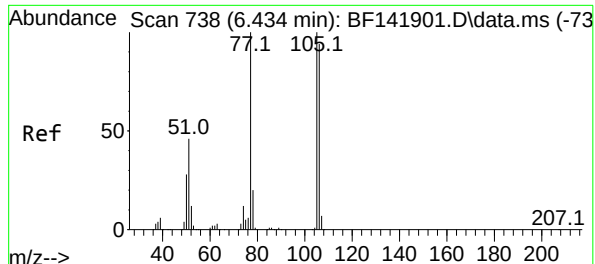
Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Tgt Ion: 128 Resp: 539701

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.8	52.8
64	43.6	24.4	64.4





#9

Benzaldehyde

Concen: 37.950 ng

RT: 6.434 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Instrument :

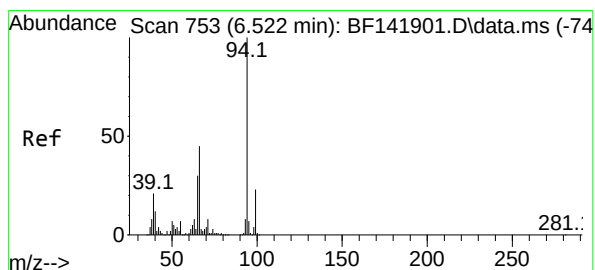
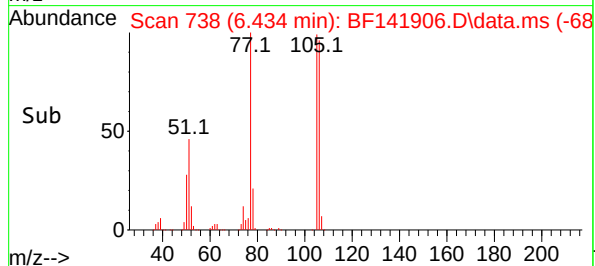
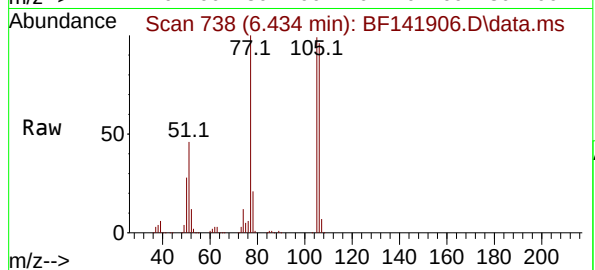
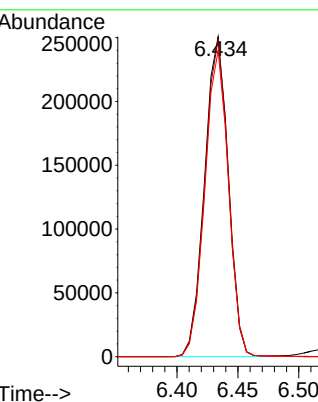
BNA_F

ClientSampleId :

ICVBF031025

Tgt Ion: 77 Resp: 339615

Ion	Ratio	Lower	Upper
77	100		
105	99.2	80.0	120.0
106	95.7	74.5	114.5



#10

Phenol

Concen: 39.115 ng

RT: 6.516 min Scan# 752

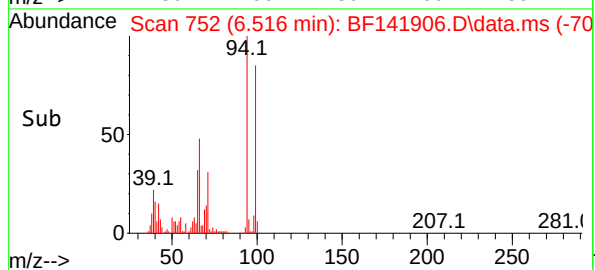
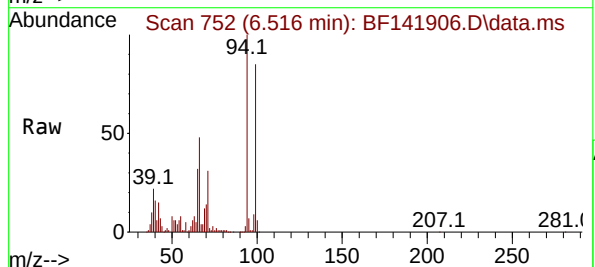
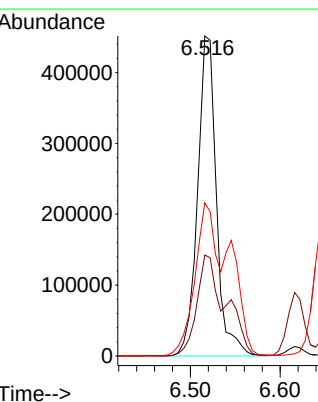
Delta R.T. -0.006 min

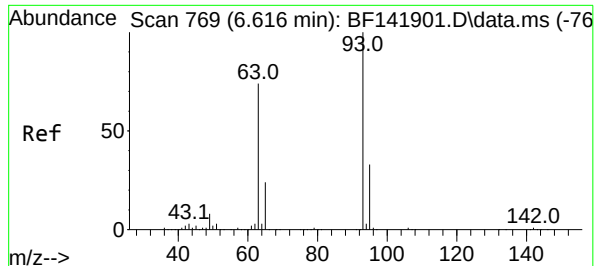
Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Tgt Ion: 94 Resp: 658449

Ion	Ratio	Lower	Upper
94	100		
65	31.6	10.5	50.5
66	47.8	25.8	65.8

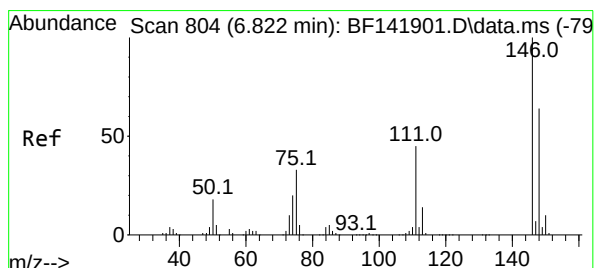
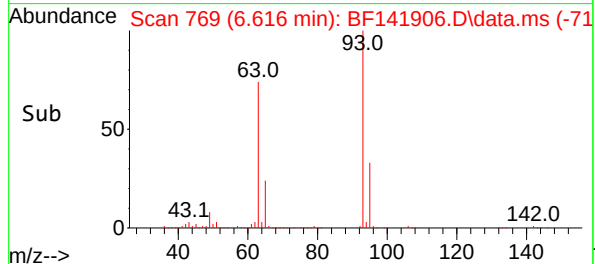
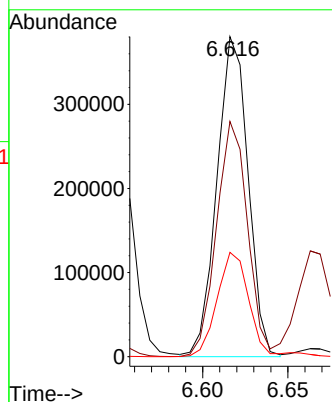
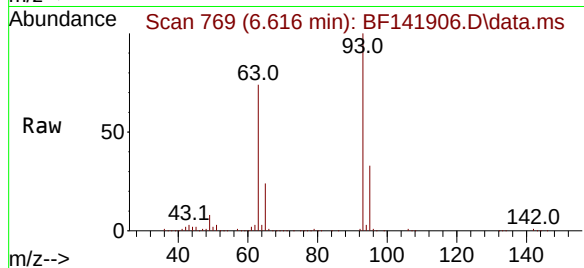




#11
bis(2-Chloroethyl)ether
Concen: 38.246 ng
RT: 6.616 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

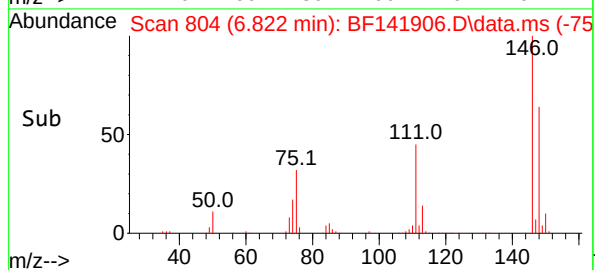
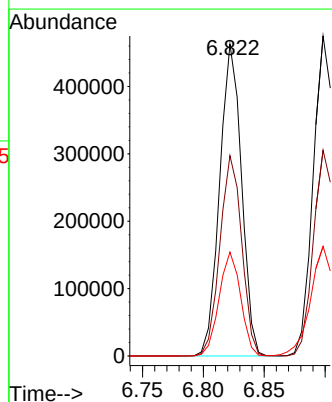
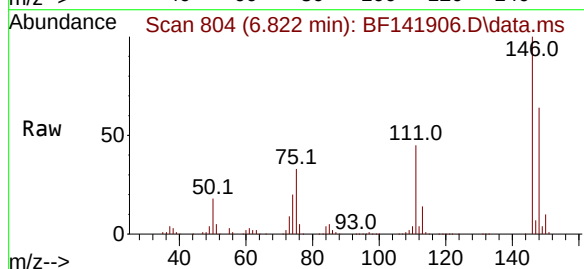
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

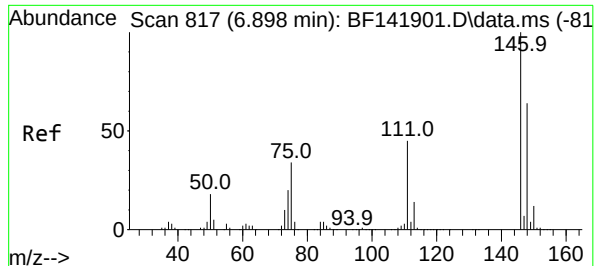
Tgt Ion: 93 Resp: 483438
Ion Ratio Lower Upper
93 100
63 73.5 53.0 93.0
95 32.6 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 38.391 ng
RT: 6.822 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion: 146 Resp: 577700
Ion Ratio Lower Upper
146 100
148 64.2 51.3 76.9
75 33.3 26.6 40.0





#13

1,4-Dichlorobenzene

Concen: 38.366 ng

RT: 6.898 min Scan# 817

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Instrument :

BNA_F

ClientSampleId :

ICVBF031025

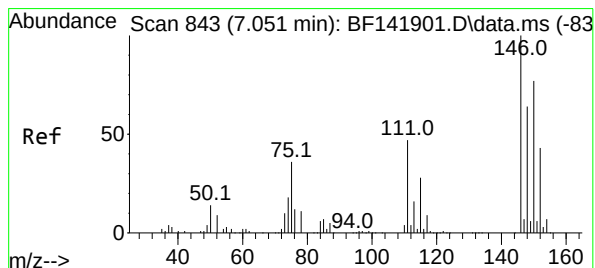
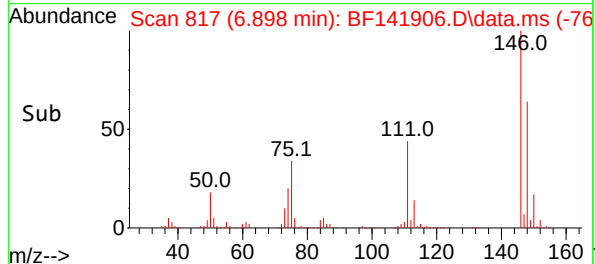
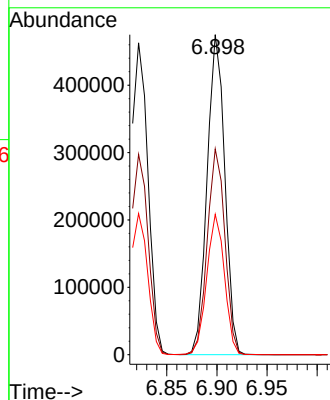
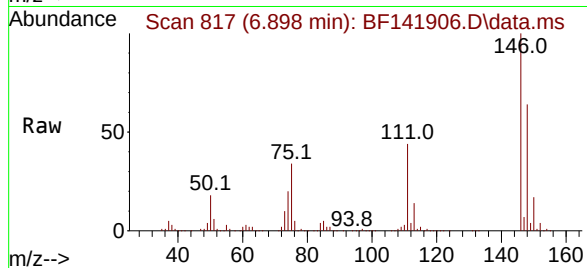
Tgt Ion:146 Resp: 584132

Ion Ratio Lower Upper

146 100

148 64.3 51.0 76.6

111 43.8 35.7 53.5



#14

1,2-Dichlorobenzene

Concen: 38.744 ng

RT: 7.051 min Scan# 843

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

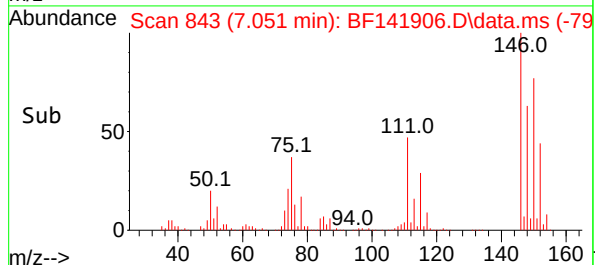
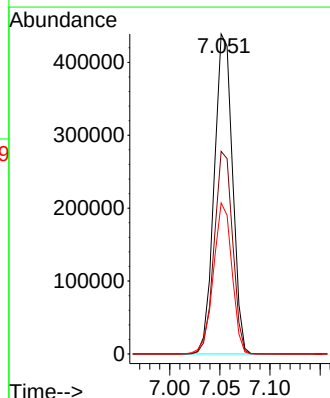
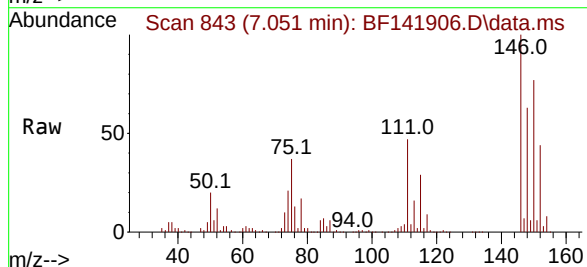
Tgt Ion:146 Resp: 555621

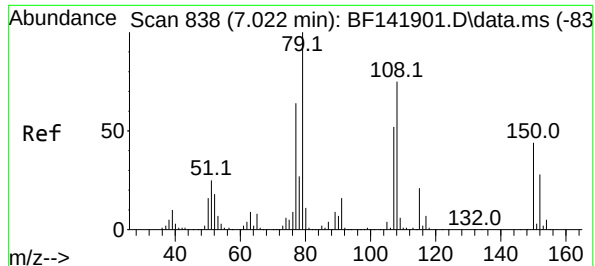
Ion Ratio Lower Upper

146 100

148 63.3 50.8 76.2

111 47.2 38.0 57.0





#15

Benzyl Alcohol

Concen: 39.408 ng

RT: 7.022 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Instrument :

BNA_F

ClientSampleId :

ICVBF031025

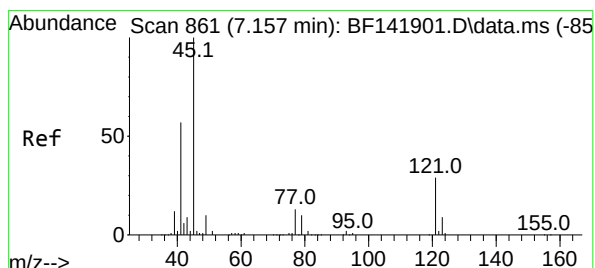
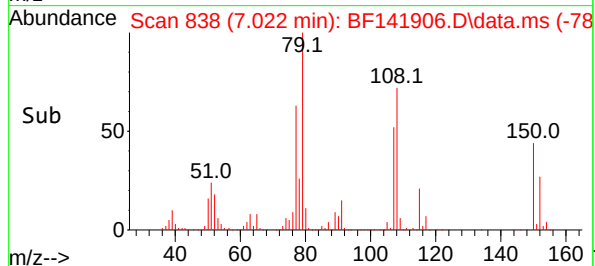
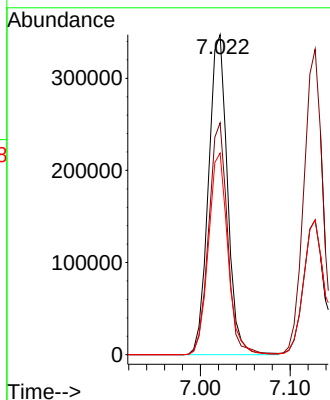
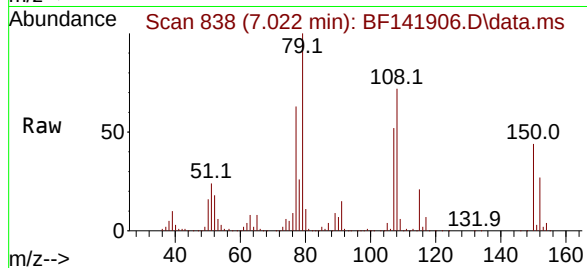
Tgt Ion: 79 Resp: 509792

Ion Ratio Lower Upper

79 100

108 72.4 59.7 89.5

77 63.0 51.0 76.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.338 ng

RT: 7.157 min Scan# 861

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

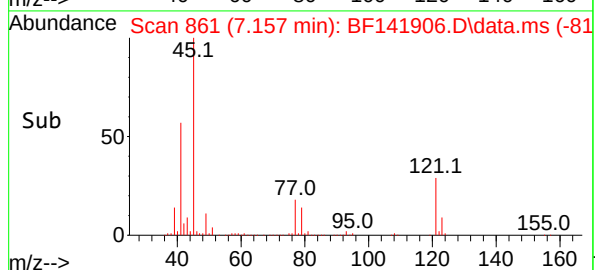
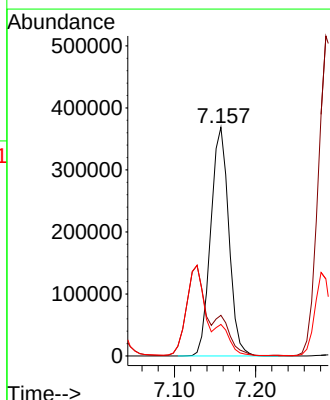
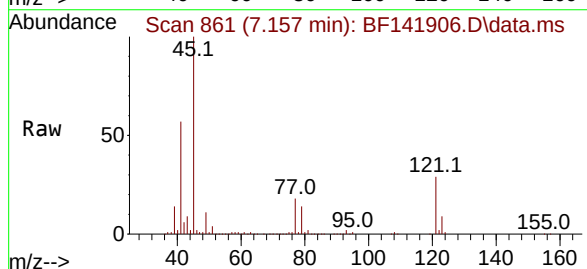
Tgt Ion: 45 Resp: 569783

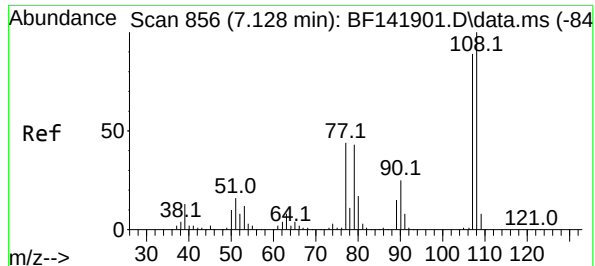
Ion Ratio Lower Upper

45 100

77 17.8 0.0 37.8

79 13.8 0.0 34.2

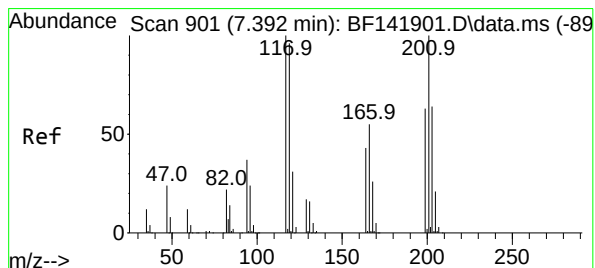
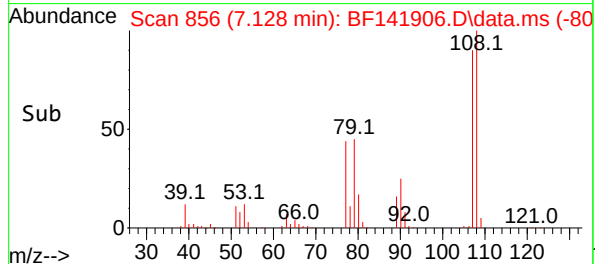
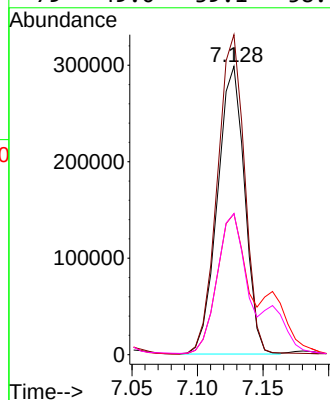
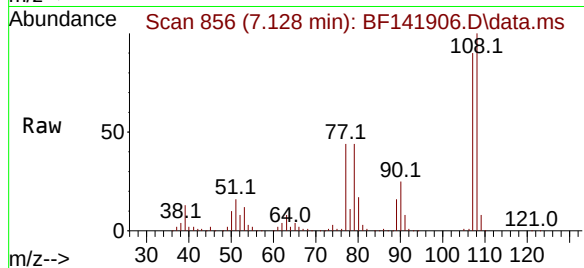




#17
2-Methylphenol
Concen: 38.775 ng
RT: 7.128 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

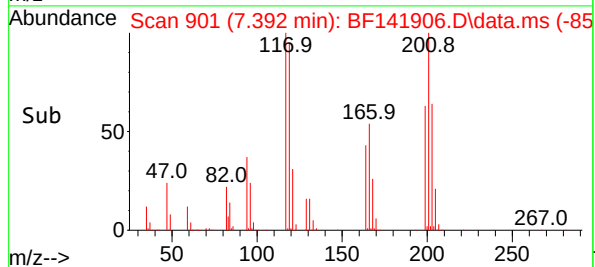
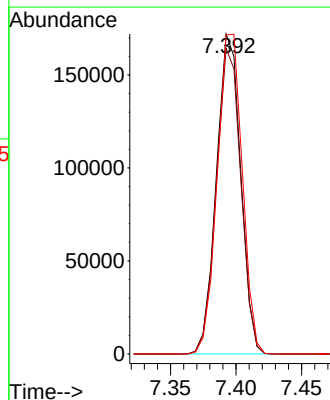
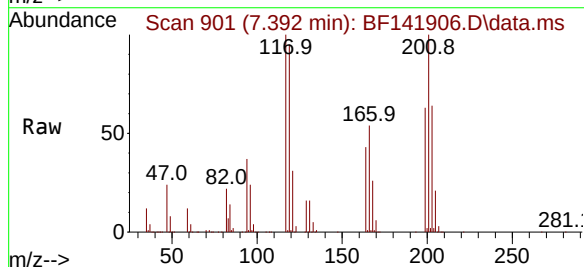
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

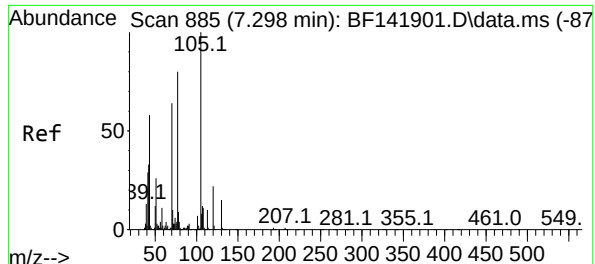
Tgt Ion:107 Resp: 429715
Ion Ratio Lower Upper
107 100
108 111.0 90.2 135.2
77 48.9 39.6 59.4
79 49.0 39.1 58.7



#18
Hexachloroethane
Concen: 38.797 ng
RT: 7.392 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:117 Resp: 221507
Ion Ratio Lower Upper
117 100
119 95.5 76.9 115.3
201 99.7 79.9 119.9





#19

n-Nitroso-di-n-propylamine

Concen: 38.038 ng

RT: 7.298 min Scan# 885

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Instrument :

BNA_F

ClientSampleId :

ICVBF031025

Tgt Ion: 70 Resp: 391096

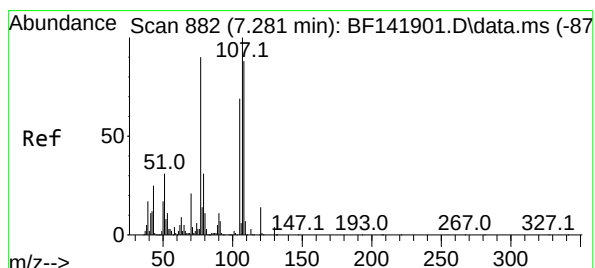
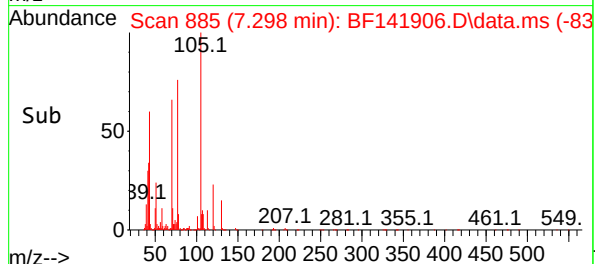
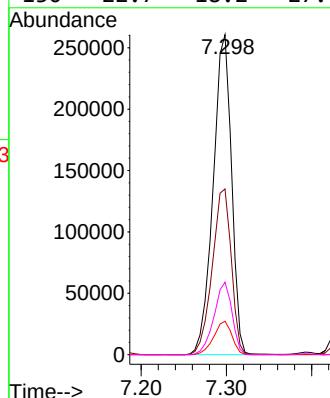
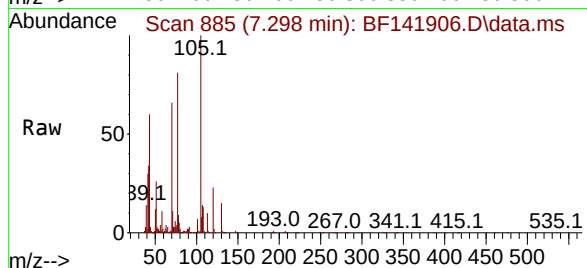
Ion Ratio Lower Upper

70 100

42 51.8 41.4 62.0

101 10.5 8.2 12.2

130 22.7 18.2 27.4



#20

3+4-Methylphenols

Concen: 38.619 ng

RT: 7.281 min Scan# 882

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Tgt Ion: 107 Resp: 548208

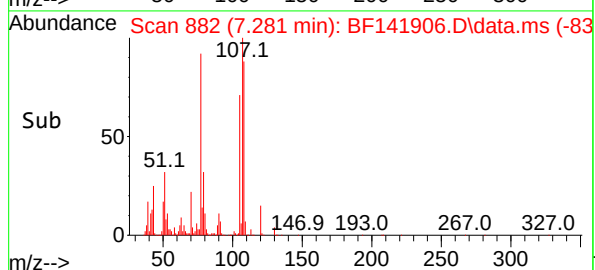
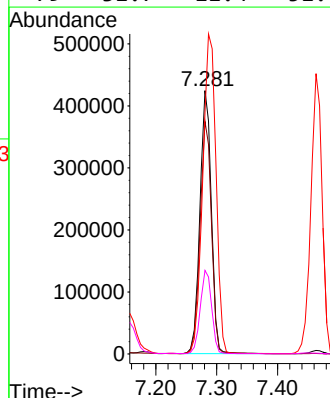
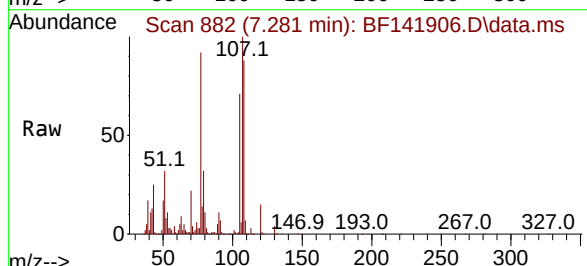
Ion Ratio Lower Upper

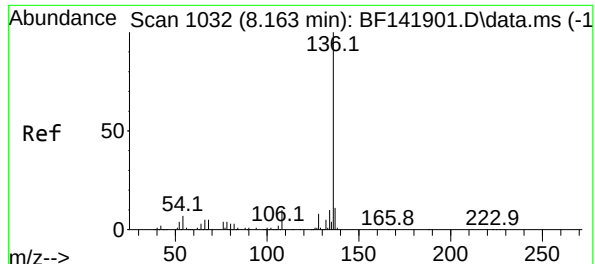
107 100

108 88.3 68.4 108.4

77 91.7 69.7 109.7

79 31.7 11.4 51.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1032

Delta R.T. -0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Instrument :

BNA_F

ClientSampleId :

ICVBF031025

Tgt Ion:136 Resp: 840616

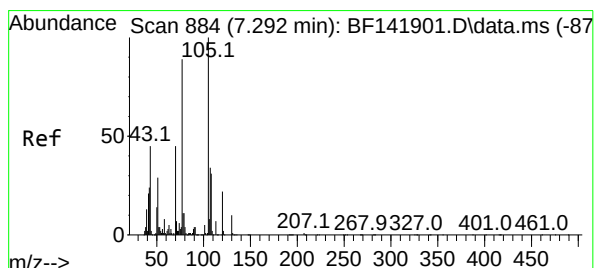
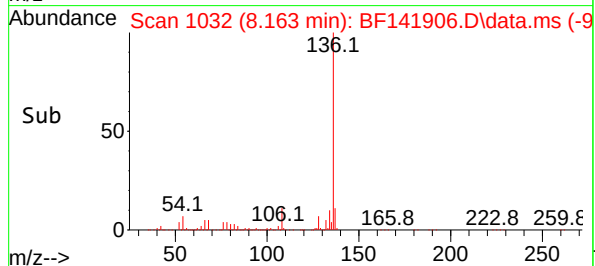
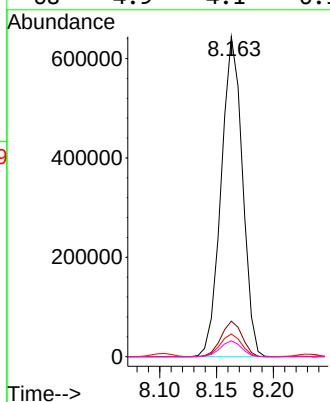
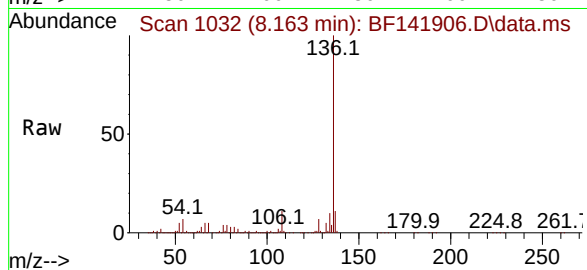
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 7.1 5.8 8.8

68 4.9 4.1 6.1



#22

Acetophenone

Concen: 37.650 ng

RT: 7.292 min Scan# 884

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Tgt Ion:105 Resp: 757917

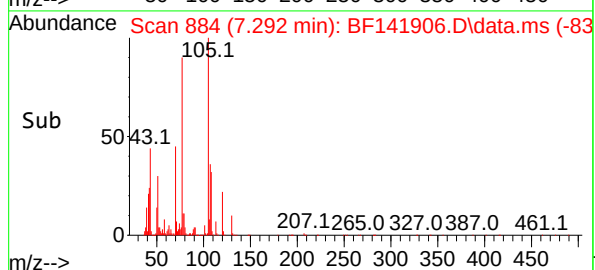
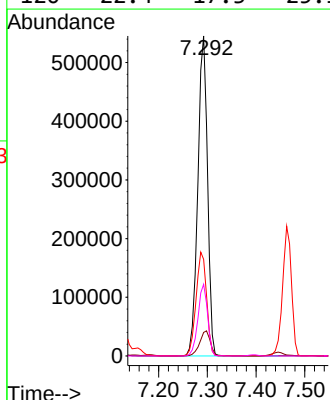
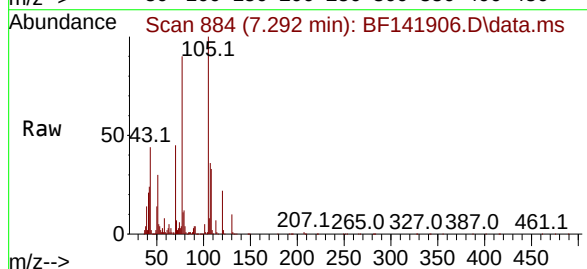
Ion Ratio Lower Upper

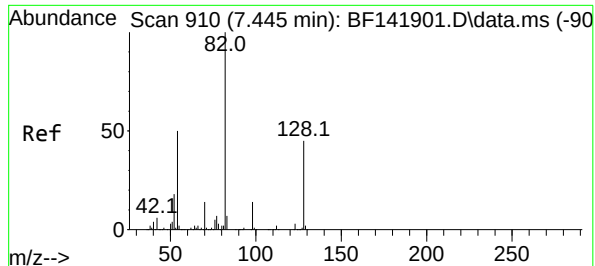
105 100

71 7.4 5.8 8.8

51 30.2 23.4 35.0

120 22.4 17.3 25.9





#23

Nitrobenzene-d5

Concen: 78.962 ng

RT: 7.445 min Scan# 910

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Instrument :

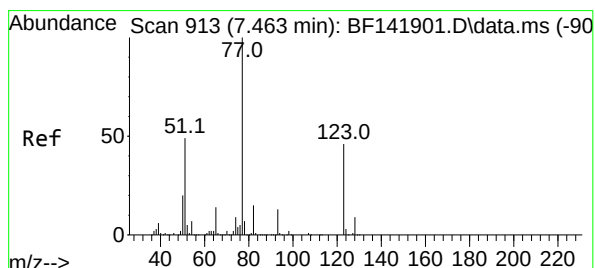
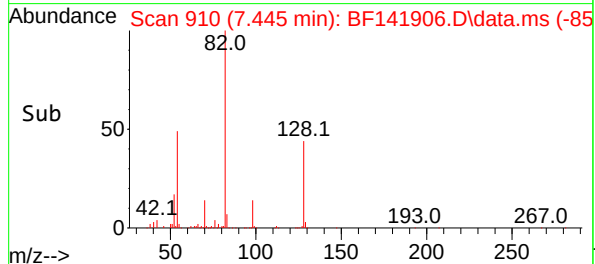
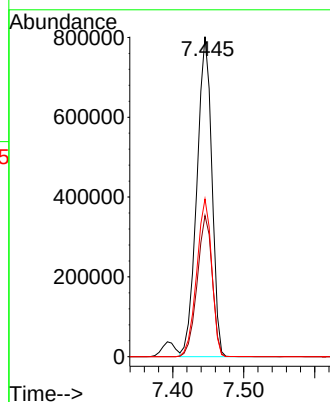
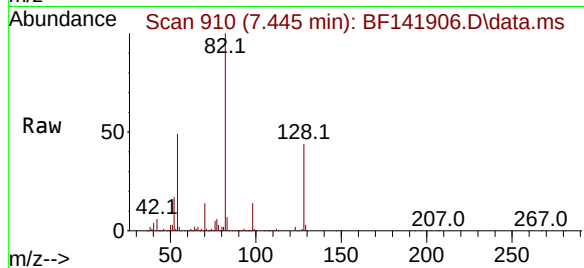
BNA_F

ClientSampleId :

ICVBF031025

Tgt Ion: 82 Resp: 1179480

Ion	Ratio	Lower	Upper
82	100		
128	44.1	36.0	54.0
54	49.3	39.6	59.4



#24

Nitrobenzene

Concen: 38.980 ng

RT: 7.463 min Scan# 913

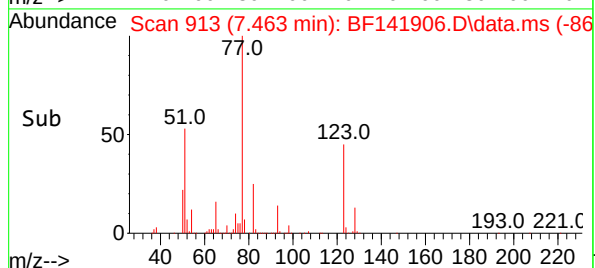
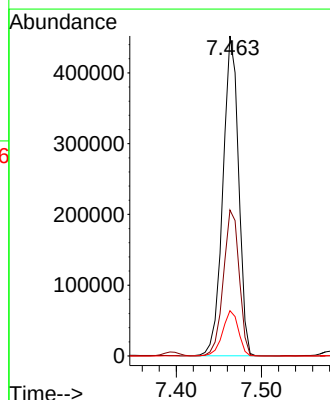
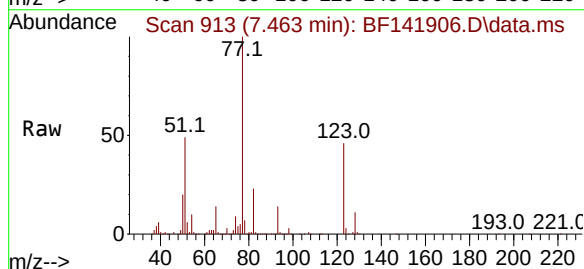
Delta R.T. 0.000 min

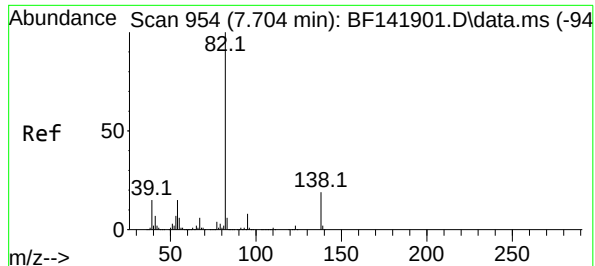
Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Tgt Ion: 77 Resp: 578836

Ion	Ratio	Lower	Upper
77	100		
123	45.6	37.0	55.4
65	14.2	11.3	16.9





#25

Isophorone

Concen: 38.163 ng

RT: 7.704 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Instrument :

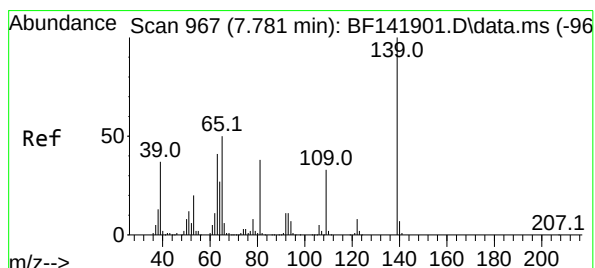
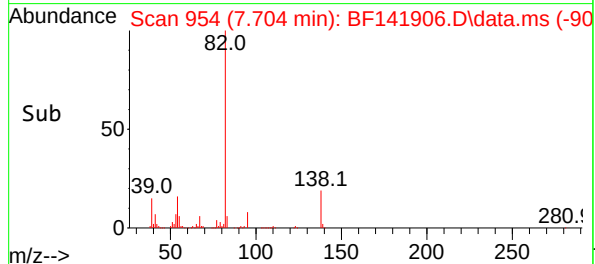
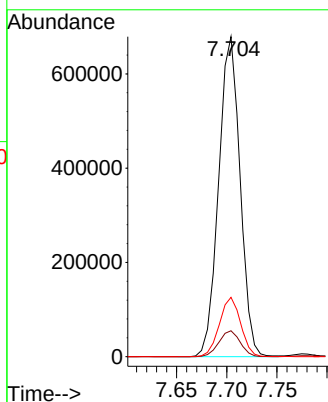
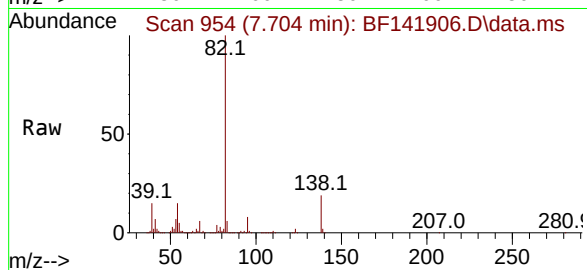
BNA_F

ClientSampleId :

ICVBF031025

Tgt Ion: 82 Resp: 1007659

Ion	Ratio	Lower	Upper
82	100		
95	8.1	6.4	9.6
138	18.6	14.9	22.3



#26

2-Nitrophenol

Concen: 40.429 ng

RT: 7.775 min Scan# 966

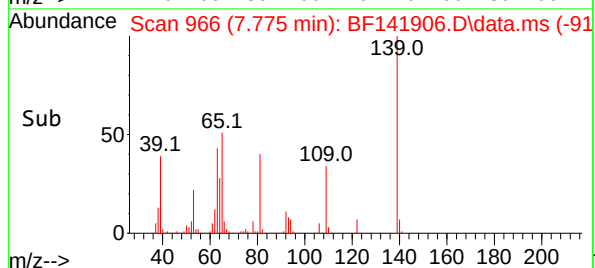
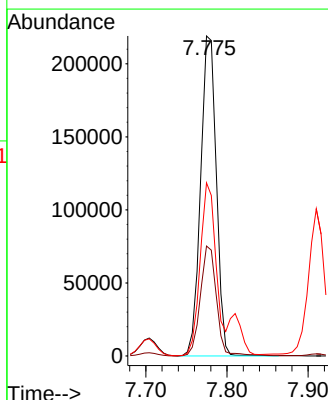
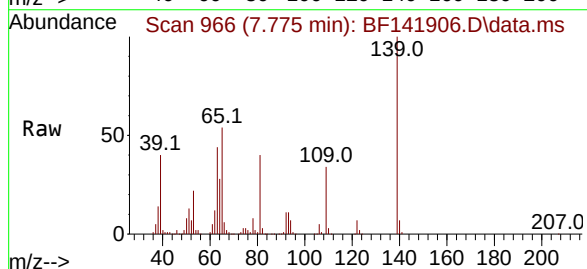
Delta R.T. -0.006 min

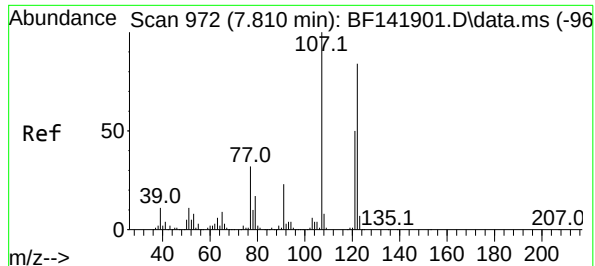
Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Tgt Ion:139 Resp: 294657

Ion	Ratio	Lower	Upper
139	100		
109	34.3	26.5	39.7
65	54.1	40.3	60.5





#27

2,4-Dimethylphenol

Concen: 38.414 ng

RT: 7.810 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Instrument :

BNA_F

ClientSampleId :

ICVBF031025

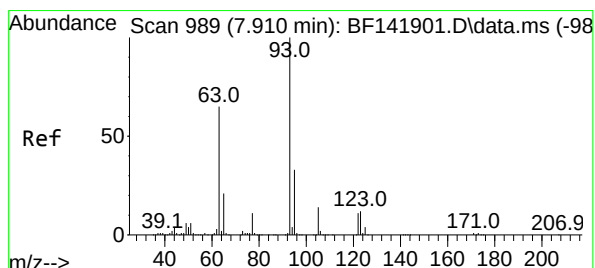
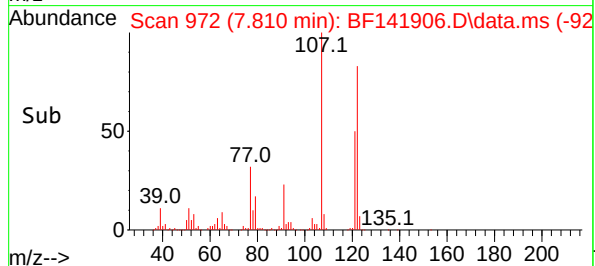
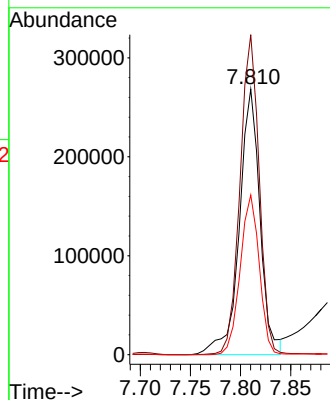
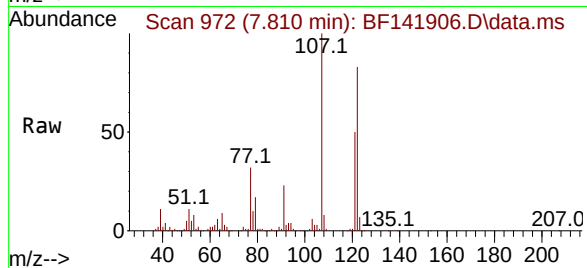
Tgt Ion:122 Resp: 385504

Ion Ratio Lower Upper

122 100

107 120.5 94.8 142.2

121 60.1 47.8 71.6



#28

bis(2-Chloroethoxy)methane

Concen: 37.943 ng

RT: 7.910 min Scan# 989

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

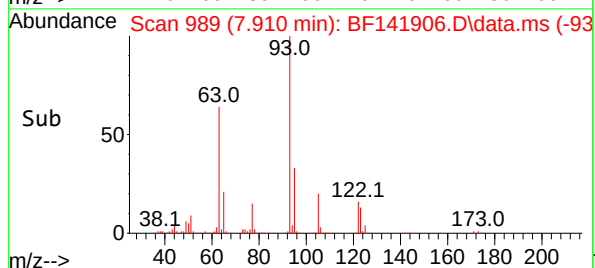
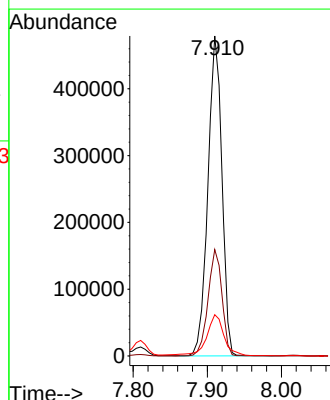
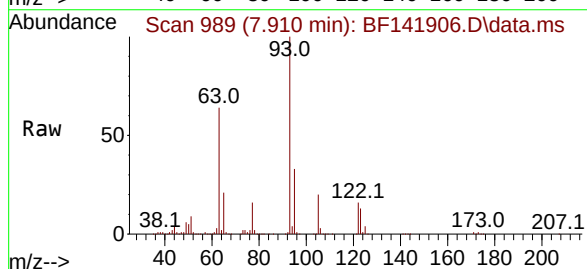
Tgt Ion: 93 Resp: 628379

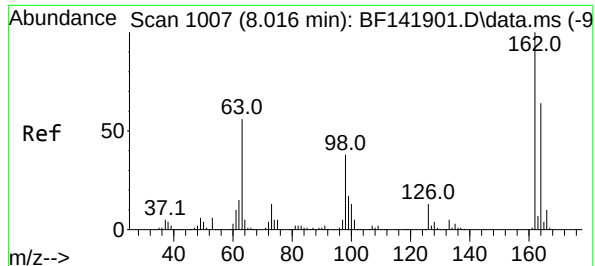
Ion Ratio Lower Upper

93 100

95 33.3 26.6 40.0

123 12.9 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 38.952 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Instrument :

BNA_F

ClientSampleId :

ICVBF031025

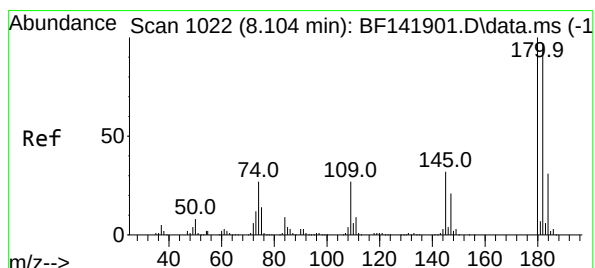
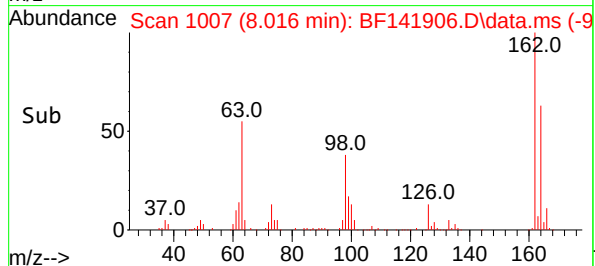
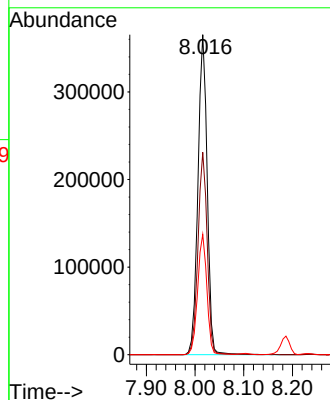
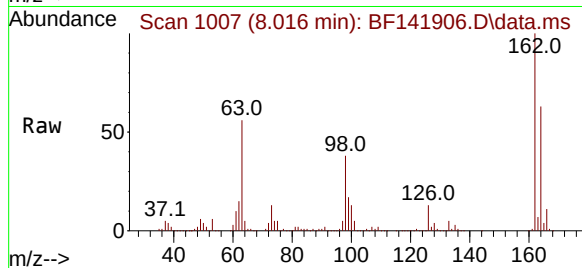
Tgt Ion:162 Resp: 485205

Ion Ratio Lower Upper

162 100

164 63.3 43.8 83.8

98 37.6 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 38.336 ng

RT: 8.104 min Scan# 1022

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

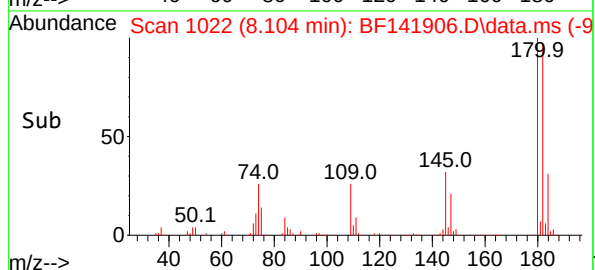
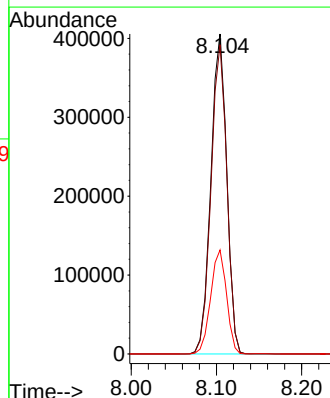
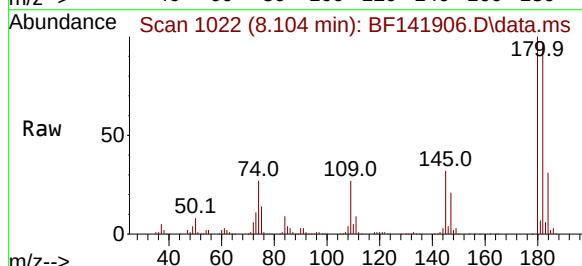
Tgt Ion:180 Resp: 526250

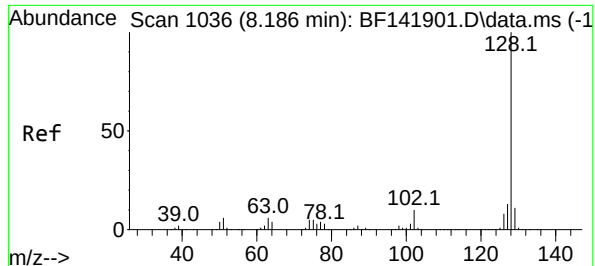
Ion Ratio Lower Upper

180 100

182 96.7 77.5 116.3

145 32.5 25.8 38.6





#31

Naphthalene

Concen: 37.827 ng

RT: 8.187 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Instrument :

BNA_F

ClientSampleId :

ICVBF031025

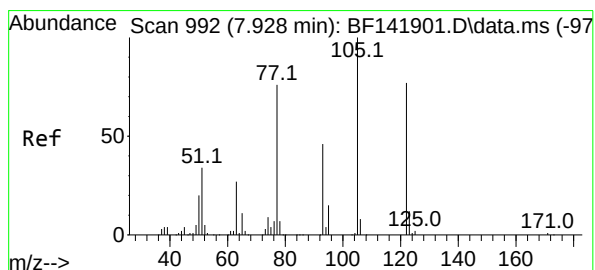
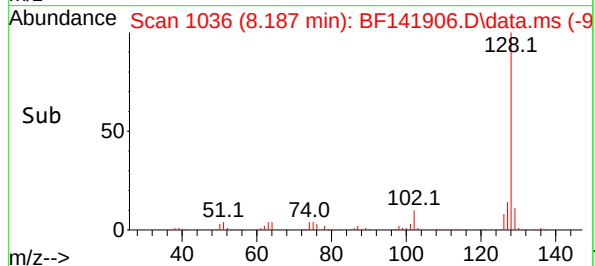
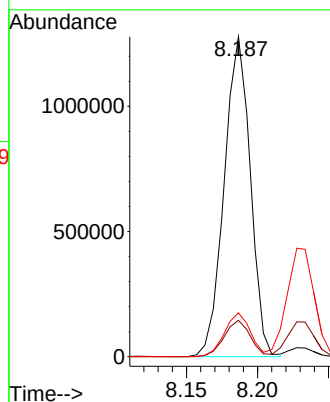
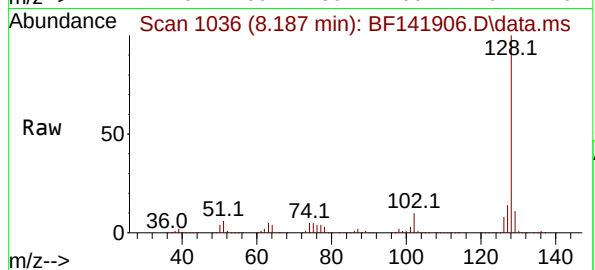
Tgt Ion:128 Resp: 1633401

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.6

127 13.7 10.8 16.2



#32

Benzoic acid

Concen: 42.303 ng

RT: 7.928 min Scan# 992

Delta R.T. -0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

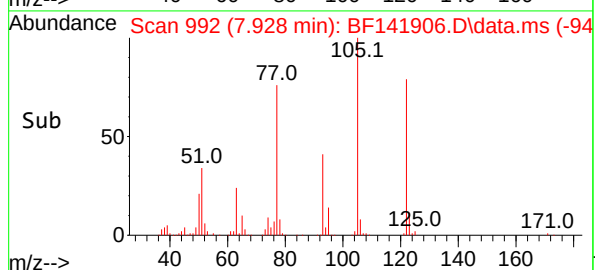
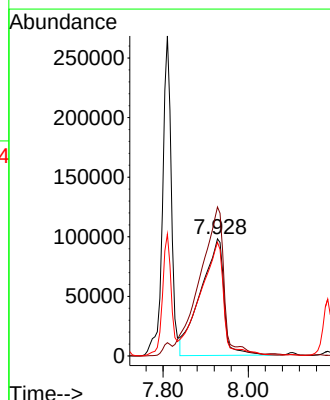
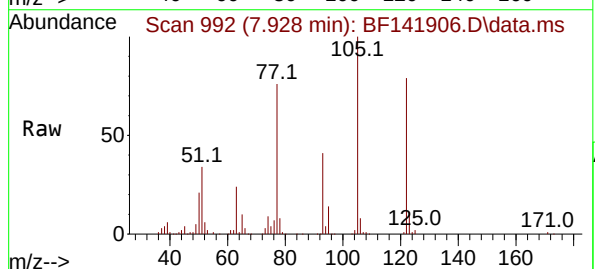
Tgt Ion:122 Resp: 373179

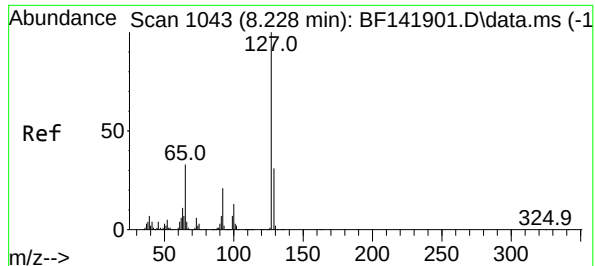
Ion Ratio Lower Upper

122 100

105 127.1 107.9 147.9

77 97.0 79.0 119.0

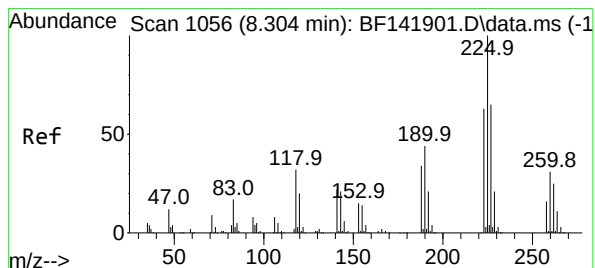
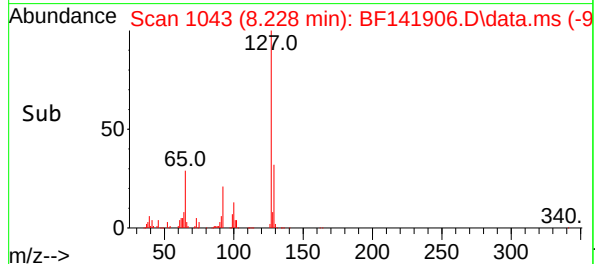
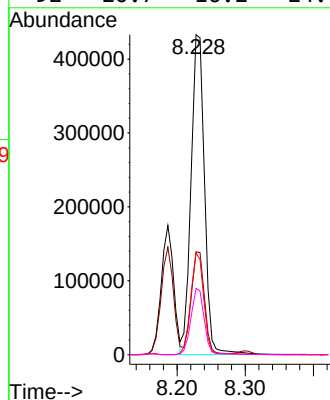
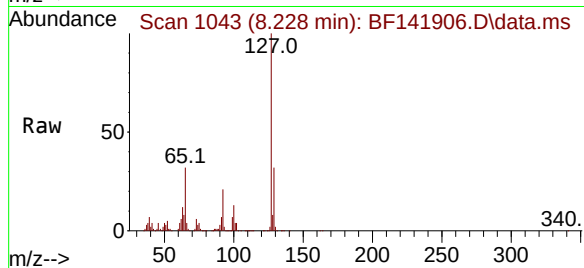




#33
4-Chloroaniline
Concen: 38.847 ng
RT: 8.228 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

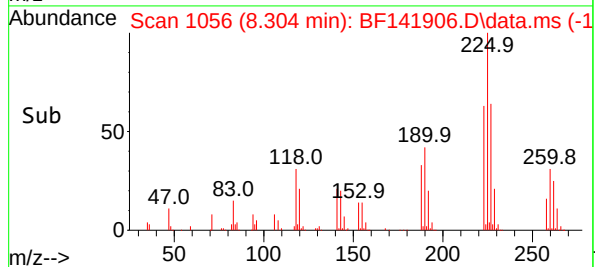
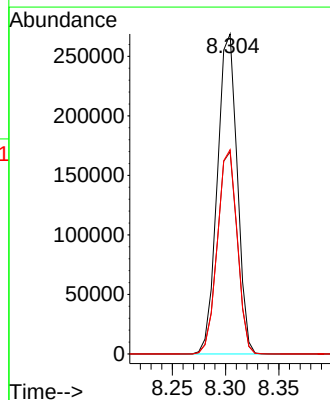
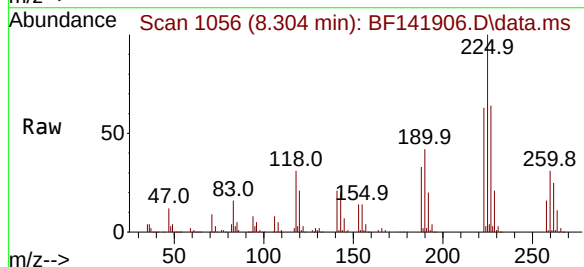
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

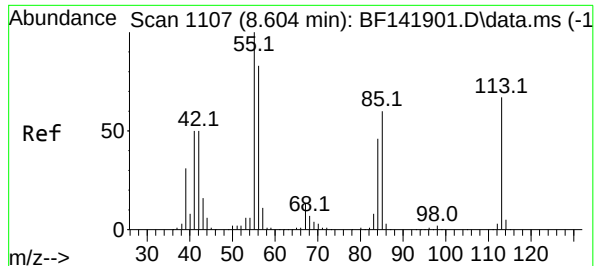
Tgt Ion:	127	Resp:	592172
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.4
65	31.9	25.4	38.2
92	20.7	16.2	24.4



#34
Hexachlorobutadiene
Concen: 38.849 ng
RT: 8.304 min Scan# 1056
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:	225	Resp:	347789
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.6	75.8
227	63.8	52.2	78.2

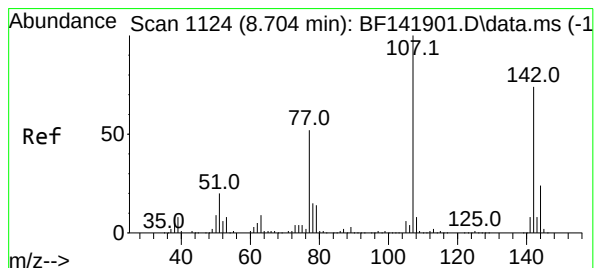
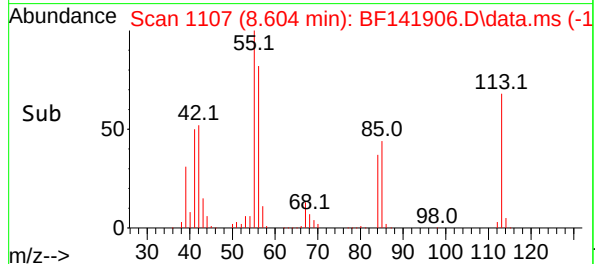
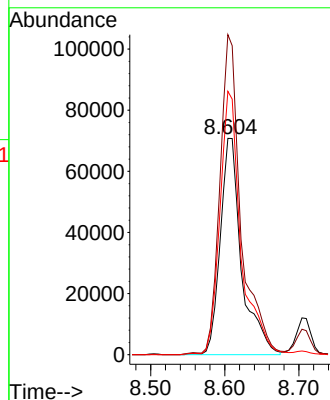
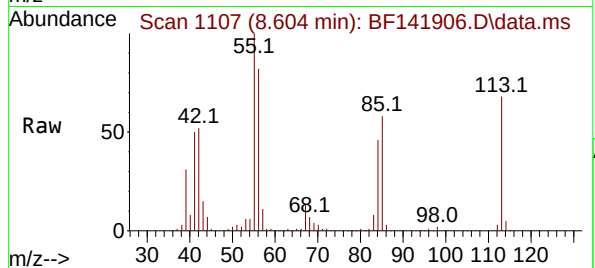




#35
Caprolactam
Concen: 37.276 ng
RT: 8.604 min Scan# 1107
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

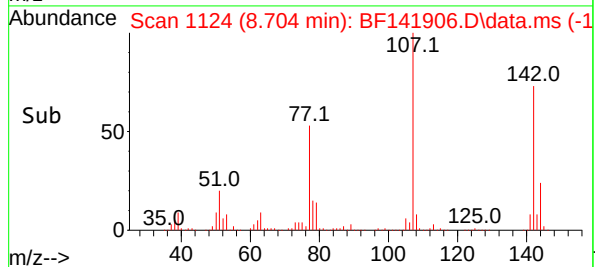
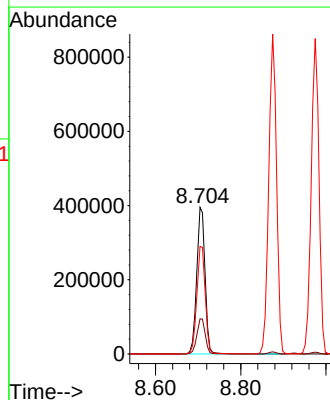
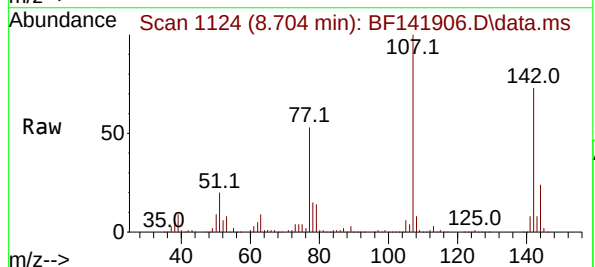
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

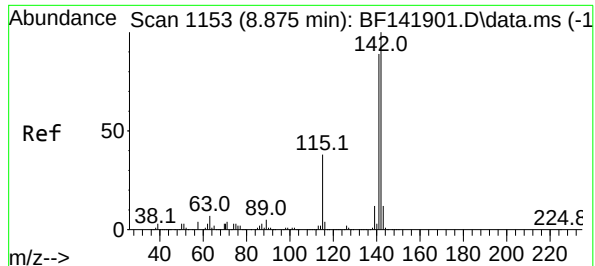
Tgt Ion:113 Resp: 141562
Ion Ratio Lower Upper
113 100
55 148.0 129.6 169.6
56 121.8 104.0 144.0



#36
4-Chloro-3-methylphenol
Concen: 38.550 ng
RT: 8.704 min Scan# 1124
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:107 Resp: 535661
Ion Ratio Lower Upper
107 100
144 23.9 19.0 28.6
142 73.3 59.2 88.8

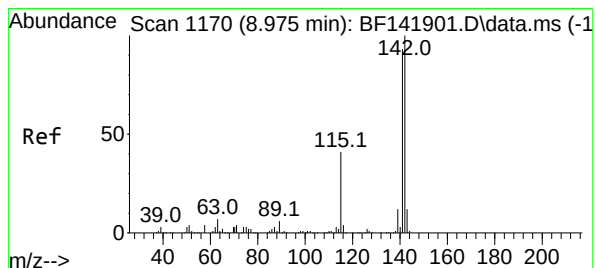
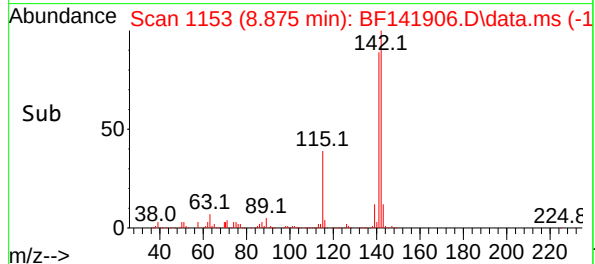
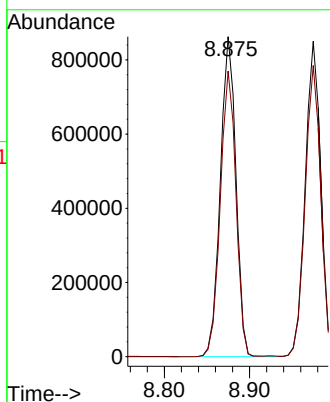
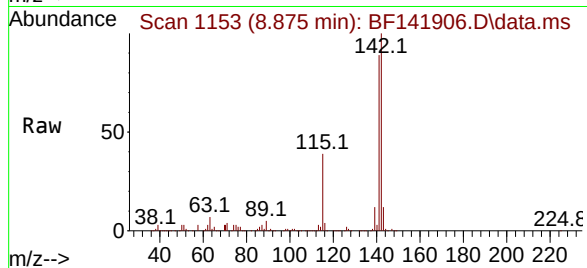




#37
2-Methylnaphthalene
Concen: 37.935 ng
RT: 8.875 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

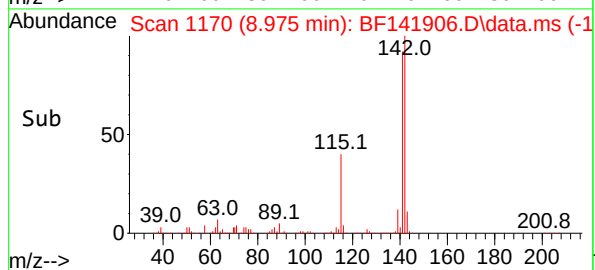
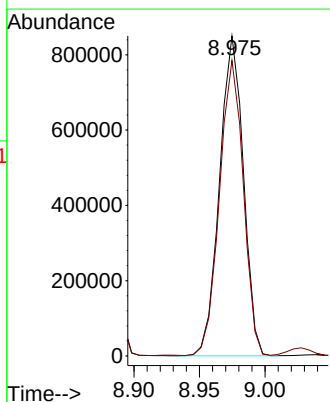
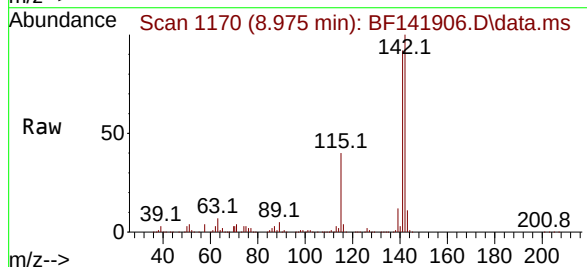
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

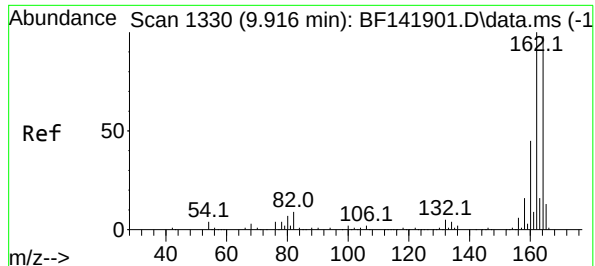
Tgt Ion:142 Resp: 1094895
Ion Ratio Lower Upper
142 100
141 89.3 71.2 106.8



#38
1-Methylnaphthalene
Concen: 38.484 ng
RT: 8.975 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:142 Resp: 1071850
Ion Ratio Lower Upper
142 100
141 92.3 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1181

Delta R.T. 0.006 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Instrument :

BNA_F

ClientSampleId :

ICVBF031025

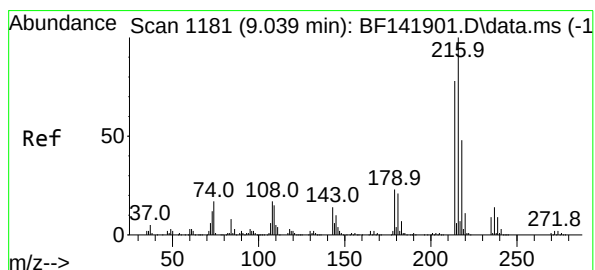
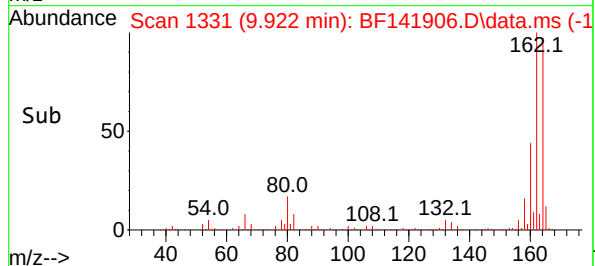
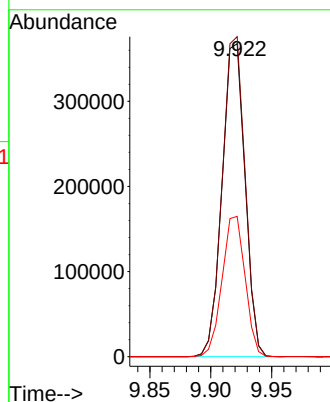
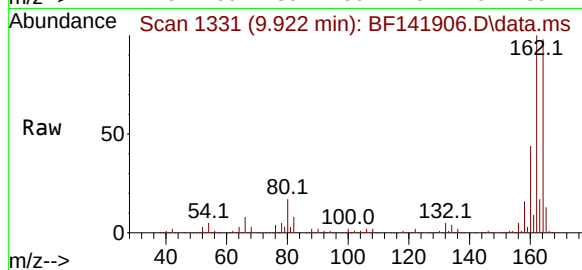
Tgt Ion:164 Resp: 483165

Ion Ratio Lower Upper

164 100

162 102.2 81.8 122.6

160 44.8 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.191 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Tgt Ion:216 Resp: 561804

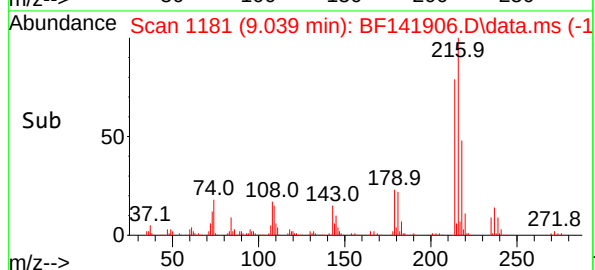
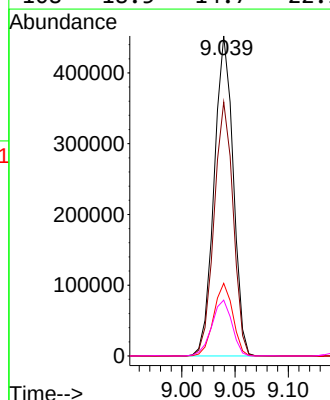
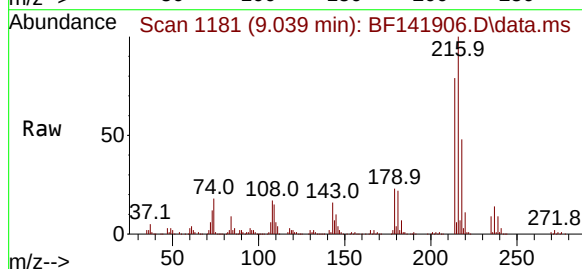
Ion Ratio Lower Upper

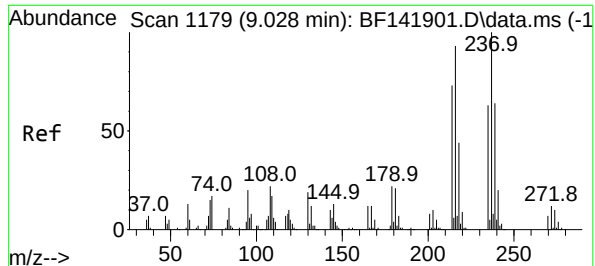
216 100

214 79.2 61.9 92.9

179 22.7 18.1 27.1

108 18.5 14.7 22.1

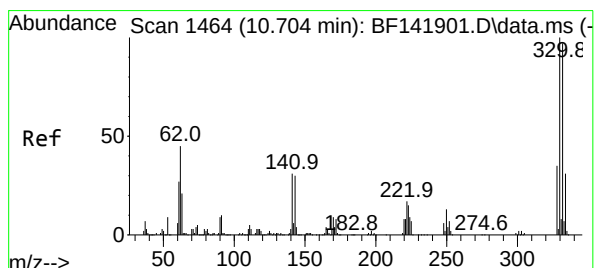
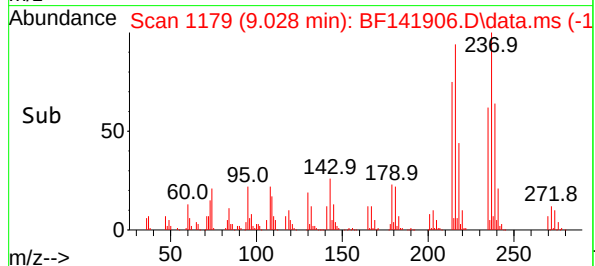
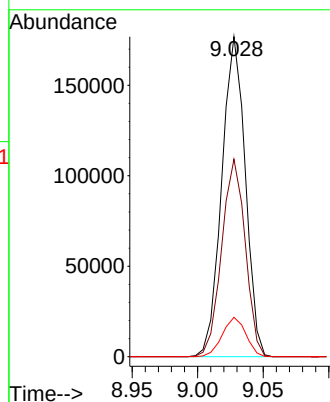
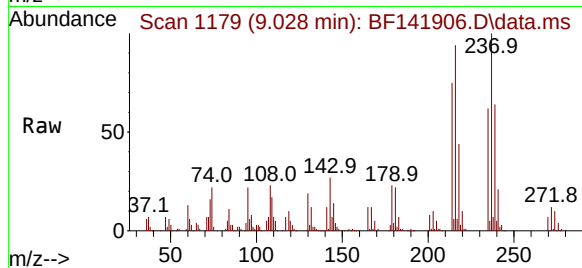




#41
Hexachlorocyclopentadiene
Concen: 38.281 ng
RT: 9.028 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

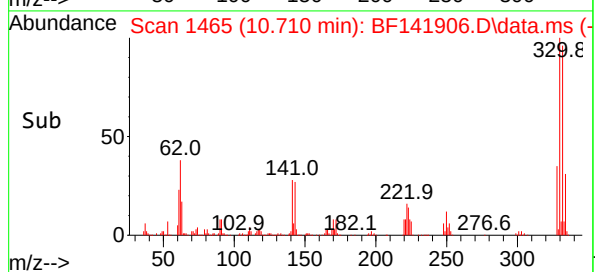
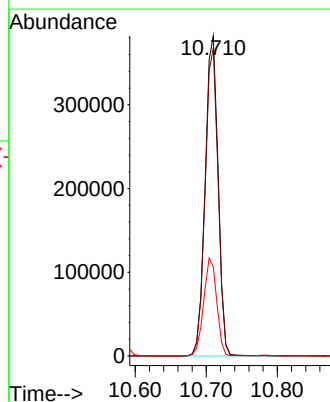
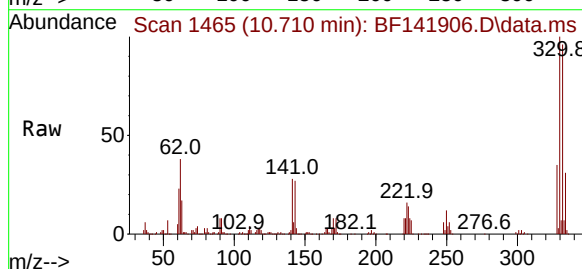
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

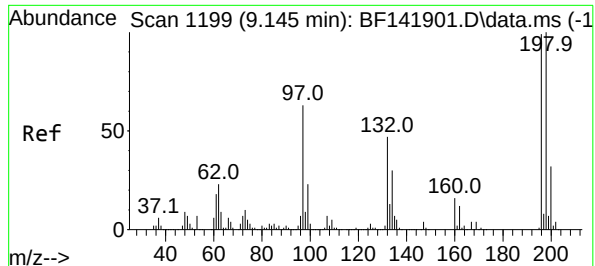
Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.7	43.1	83.1
272	12.3	0.0	32.0



#42
2,4,6-Tribromophenol
Concen: 79.342 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.6	116.4
141	30.9	24.7	37.1





#43

2,4,6-Trichlorophenol

Concen: 39.292 ng

RT: 9.151 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Instrument :

BNA_F

ClientSampleId :

ICVBF031025

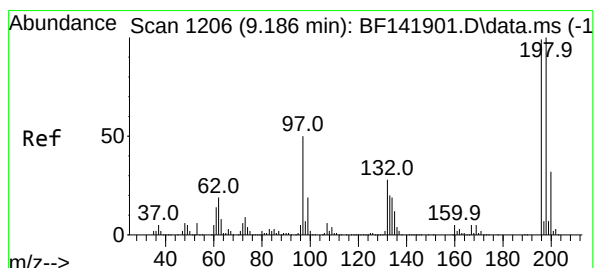
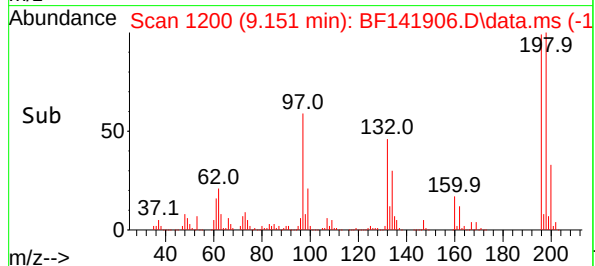
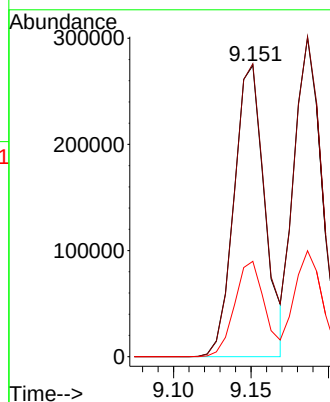
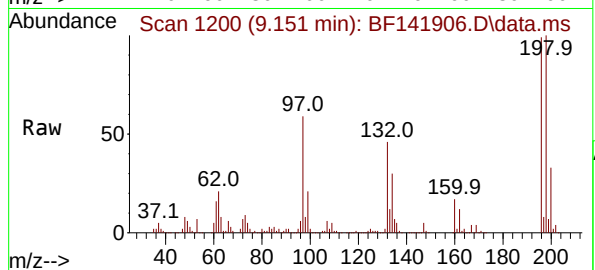
Tgt Ion:196 Resp: 377743

Ion Ratio Lower Upper

196 100

198 100.6 80.6 121.0

200 32.8 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 38.263 ng

RT: 9.186 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Tgt Ion:196 Resp: 372564

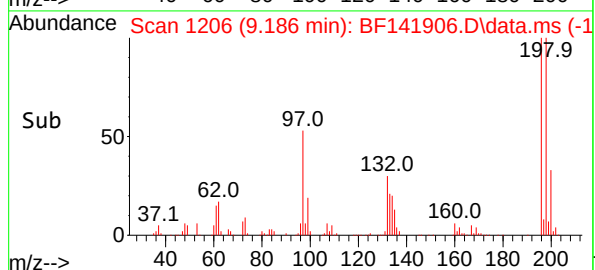
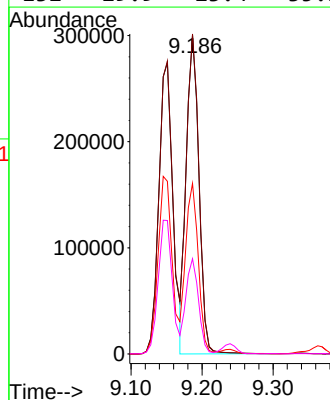
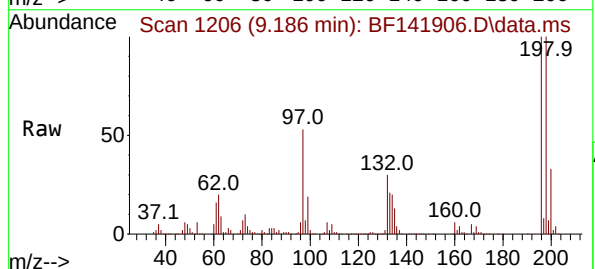
Ion Ratio Lower Upper

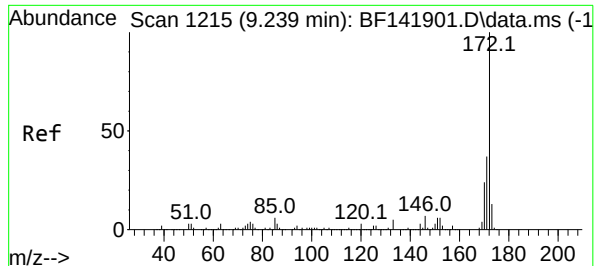
196 100

198 100.3 80.7 121.1

97 53.5 42.1 63.1

132 29.9 23.4 35.2

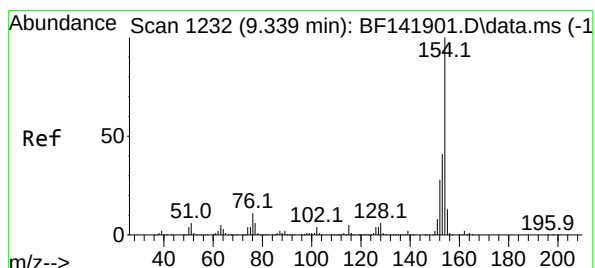
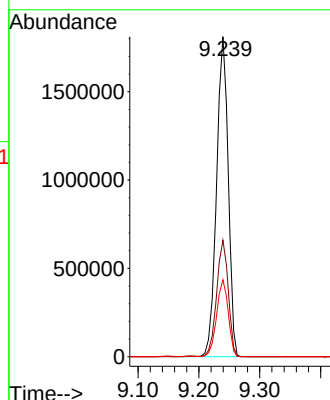
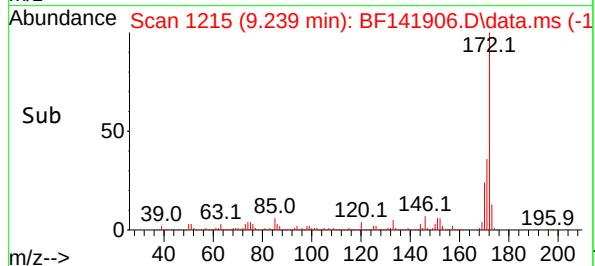
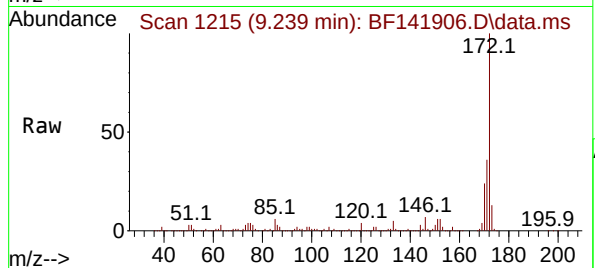




#45
2-Fluorobiphenyl
Concen: 75.528 ng
RT: 9.239 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

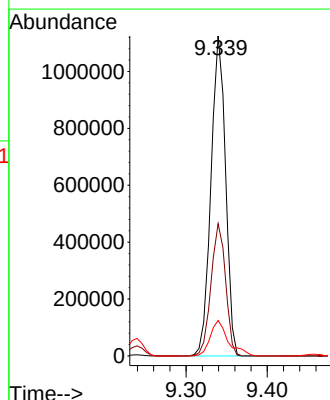
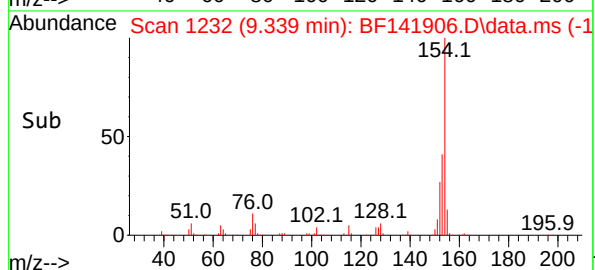
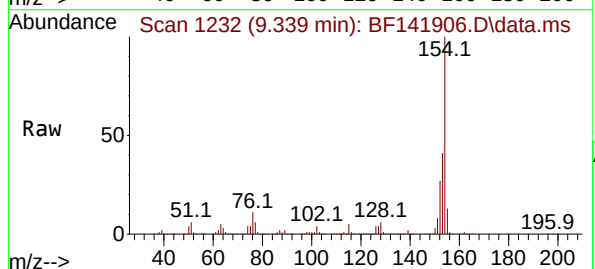
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

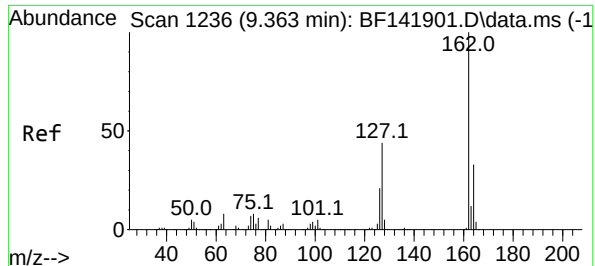
Tgt Ion:172 Resp: 2399526
Ion Ratio Lower Upper
172 100
171 36.4 29.3 43.9
170 24.1 19.4 29.0



#46
1,1'-Biphenyl
Concen: 38.182 ng
RT: 9.339 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:154 Resp: 1401736
Ion Ratio Lower Upper
154 100
153 41.3 21.1 61.1
76 11.1 0.0 31.3





#47

2-Chloronaphthalene

Concen: 38.090 ng

RT: 9.363 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Instrument :

BNA_F

ClientSampleId :

ICVBF031025

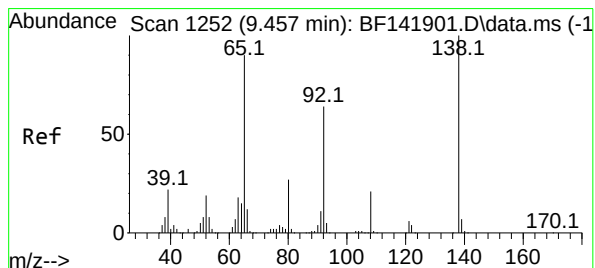
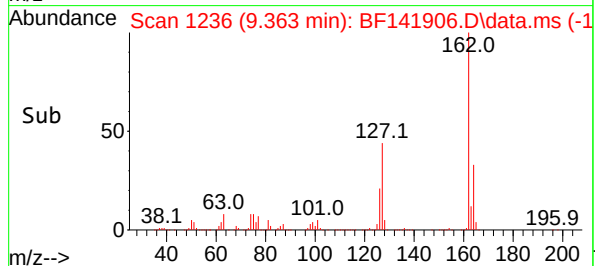
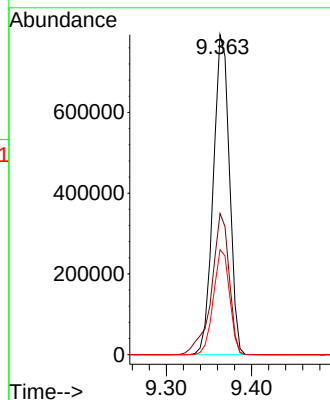
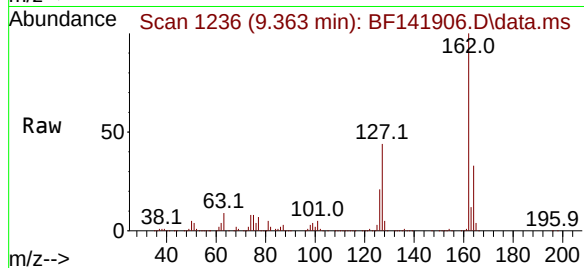
Tgt Ion:162 Resp: 1042241

Ion Ratio Lower Upper

162 100

127 44.1 35.5 53.3

164 32.8 26.6 40.0



#48

2-Nitroaniline

Concen: 38.908 ng

RT: 9.457 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

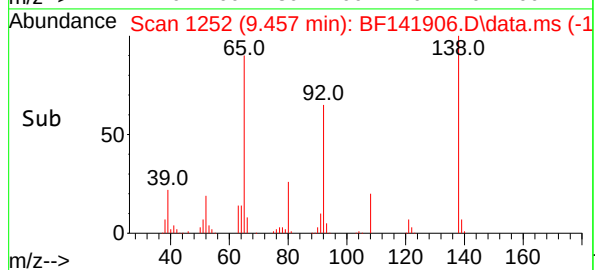
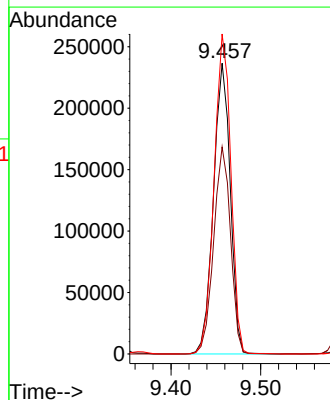
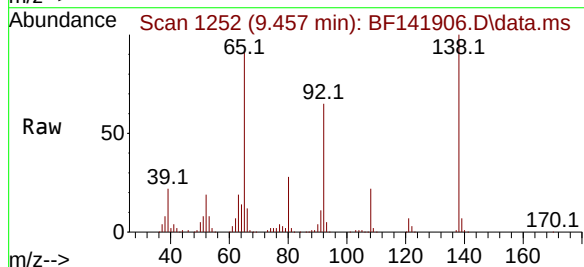
Tgt Ion: 65 Resp: 308259

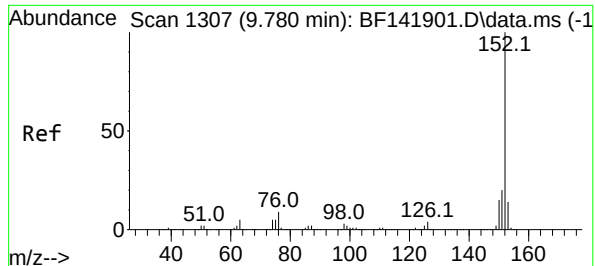
Ion Ratio Lower Upper

65 100

92 71.2 56.6 84.8

138 110.1 88.6 133.0





#49

Acenaphthylene

Concen: 37.725 ng

RT: 9.781 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Instrument :

BNA_F

ClientSampleId :

ICVBF031025

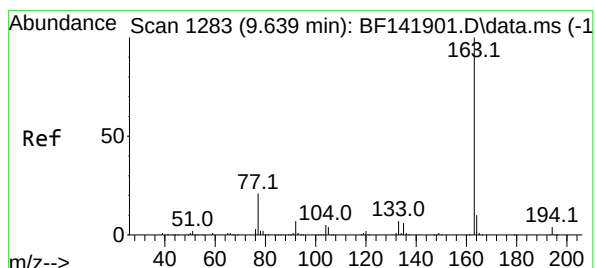
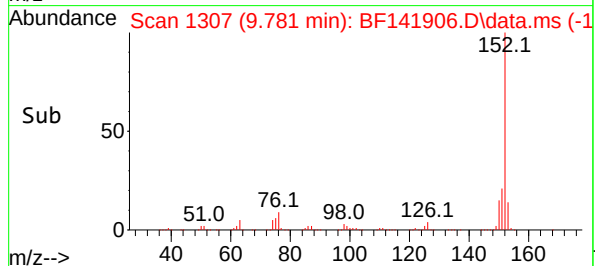
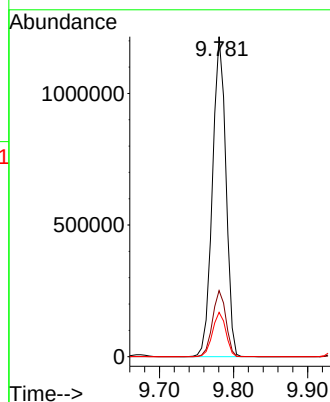
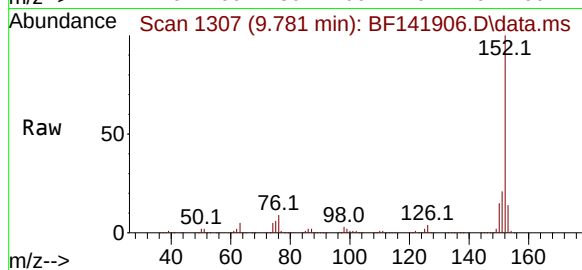
Tgt Ion:152 Resp: 1531852

Ion Ratio Lower Upper

152 100

151 20.7 16.3 24.5

153 13.9 11.1 16.7



#50

Dimethylphthalate

Concen: 37.611 ng

RT: 9.639 min Scan# 1283

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

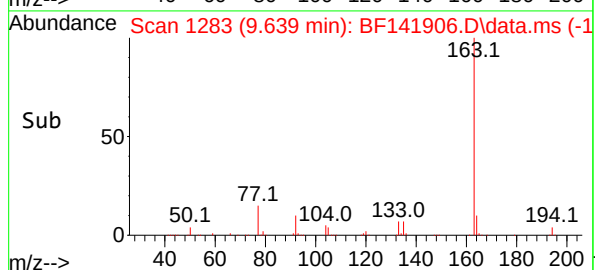
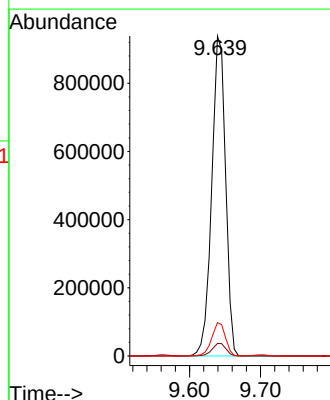
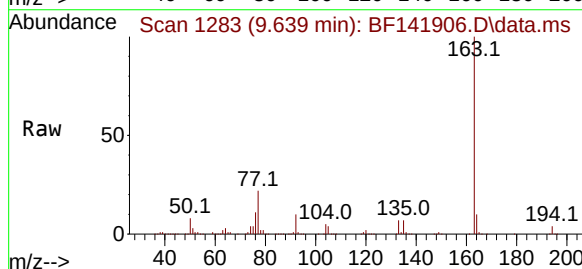
Tgt Ion:163 Resp: 1272572

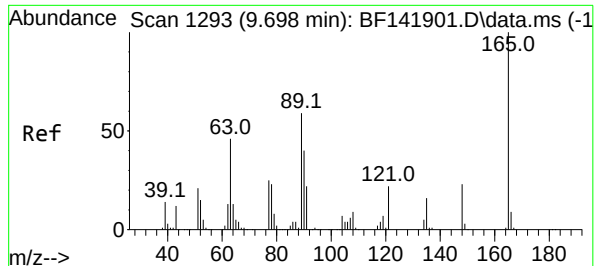
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.4 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 38.970 ng

RT: 9.698 min Scan# 1293

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Instrument :

BNA_F

ClientSampleId :

ICVBF031025

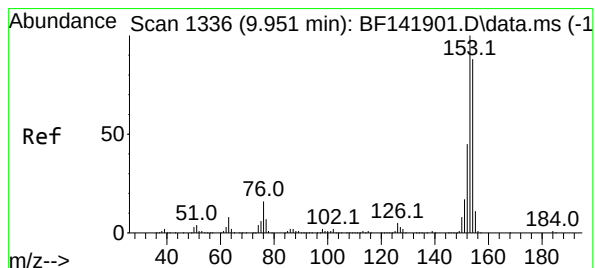
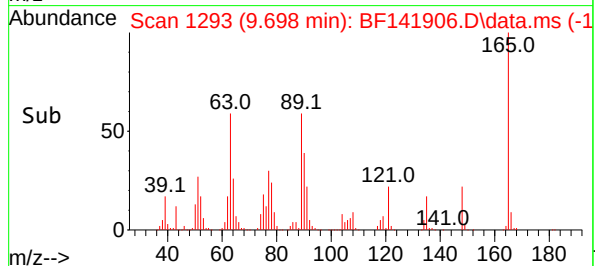
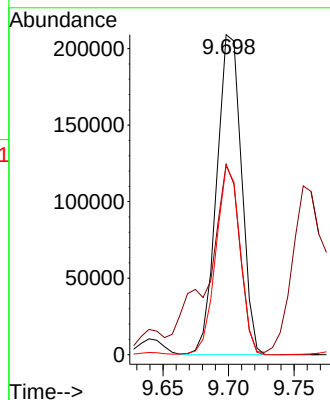
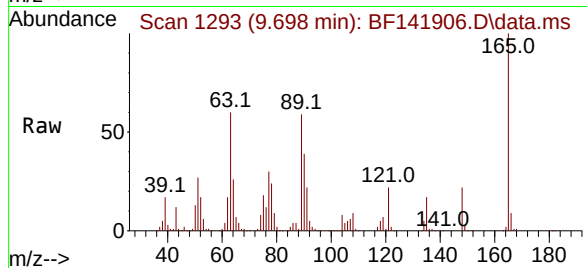
Tgt Ion:165 Resp: 274531

Ion Ratio Lower Upper

165 100

63 59.5 47.0 70.4

89 59.1 47.4 71.2



#52

Acenaphthene

Concen: 38.405 ng

RT: 9.951 min Scan# 1336

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

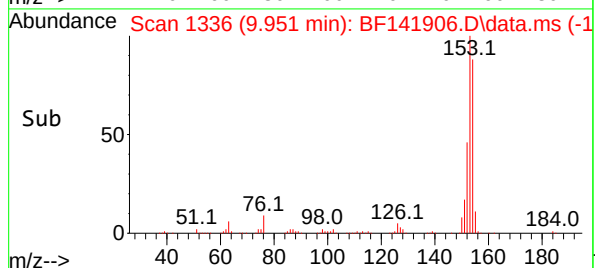
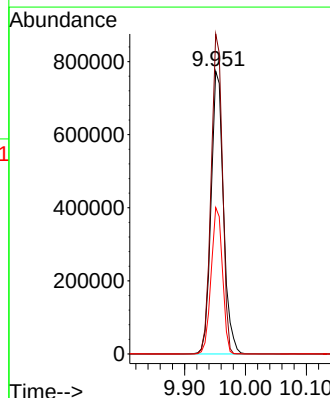
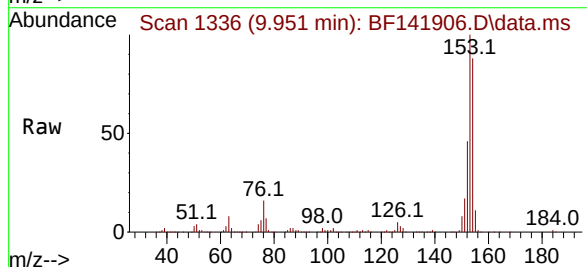
Tgt Ion:154 Resp: 1095922

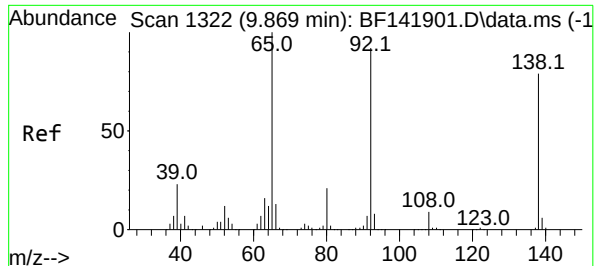
Ion Ratio Lower Upper

154 100

153 113.2 90.7 136.1

152 51.8 41.1 61.7

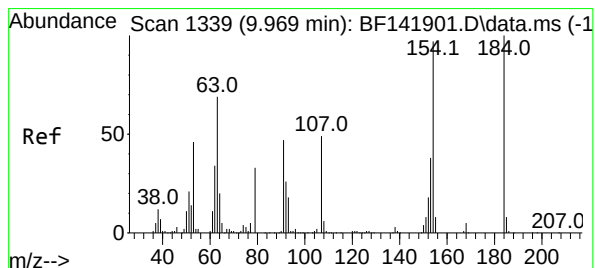
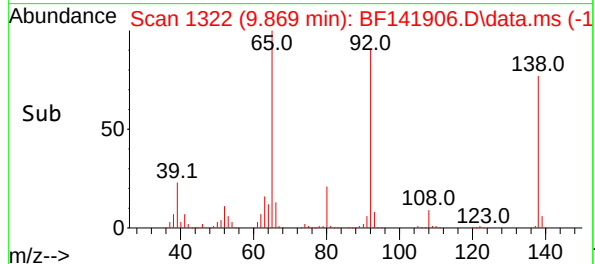
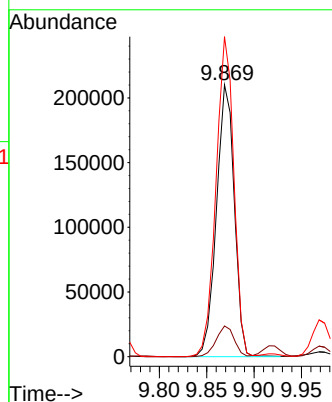
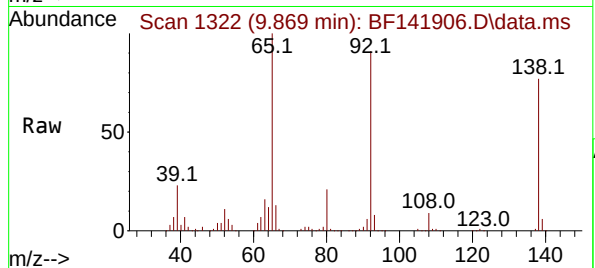




#53
3-Nitroaniline
Concen: 38.561 ng
RT: 9.869 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

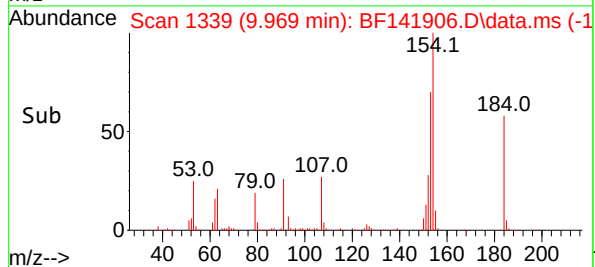
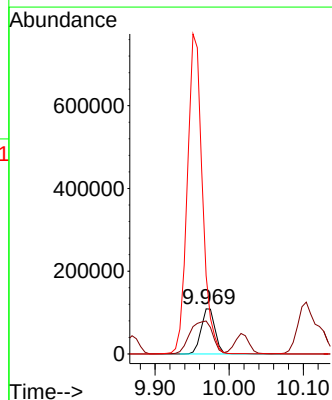
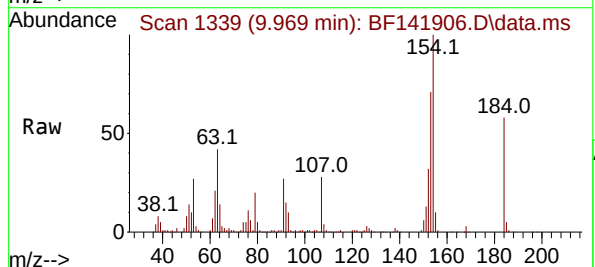
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

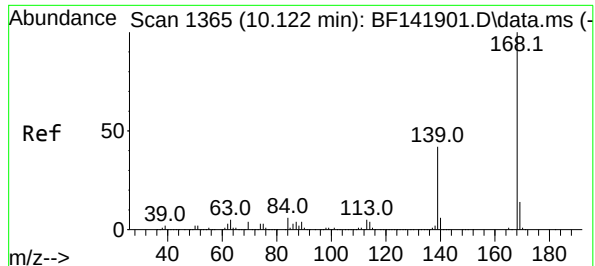
Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.3	9.3	13.9
92	117.7	93.5	140.3



#54
2,4-Dinitrophenol
Concen: 39.326 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion	Ratio	Lower	Upper
184	100		
63	73.1	60.2	90.4
154	173.5	132.9	199.3





#55

Dibenzenofuran

Concen: 37.778 ng

RT: 10.122 min Scan# 1365

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Instrument :

BNA_F

ClientSampleId :

ICVBF031025

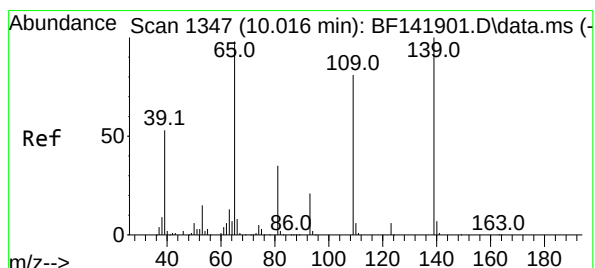
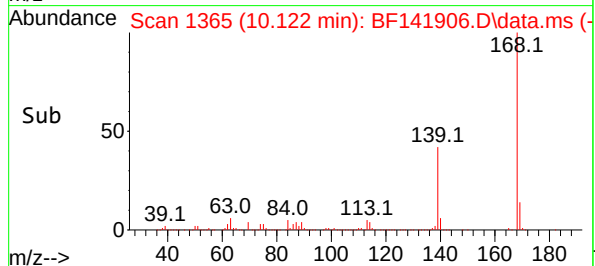
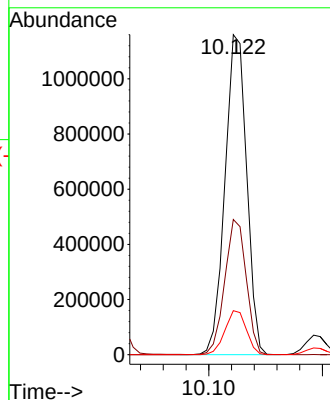
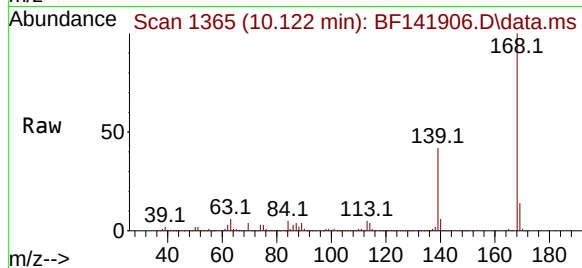
Tgt Ion:168 Resp: 1540381

Ion Ratio Lower Upper

168 100

139 42.2 33.9 50.9

169 13.8 11.0 16.4



#56

4-Nitrophenol

Concen: 39.425 ng

RT: 10.016 min Scan# 1347

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

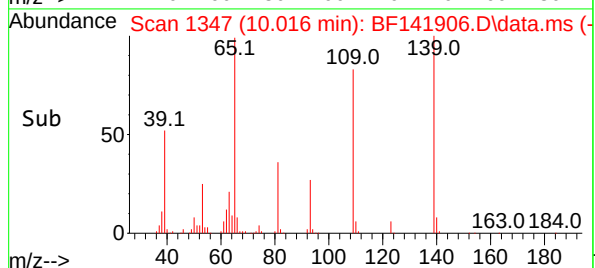
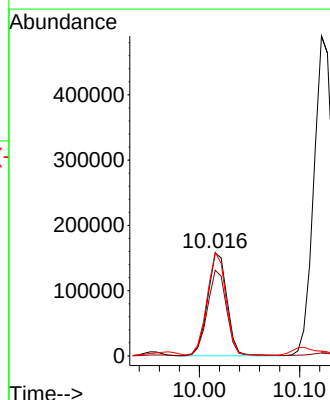
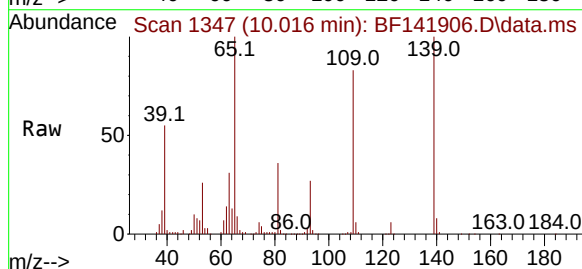
Tgt Ion:139 Resp: 212462

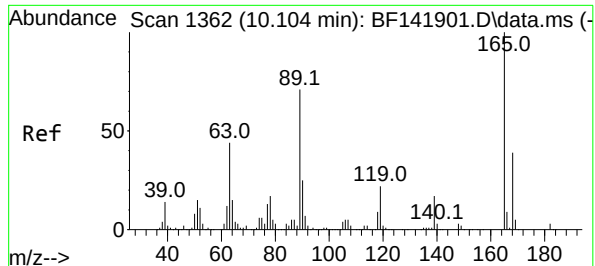
Ion Ratio Lower Upper

139 100

109 83.2 61.6 101.6

65 100.4 79.4 119.4

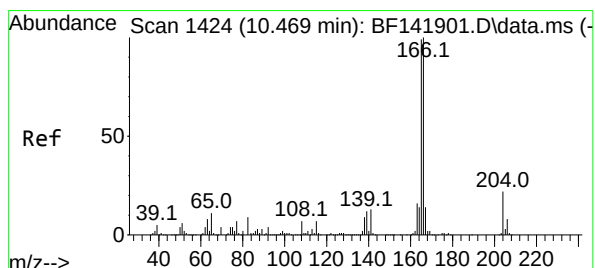
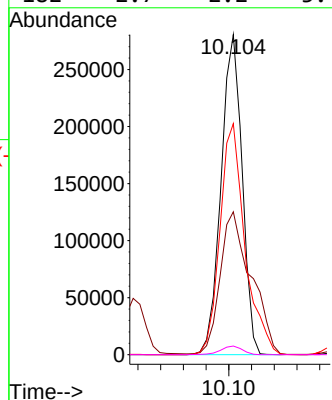
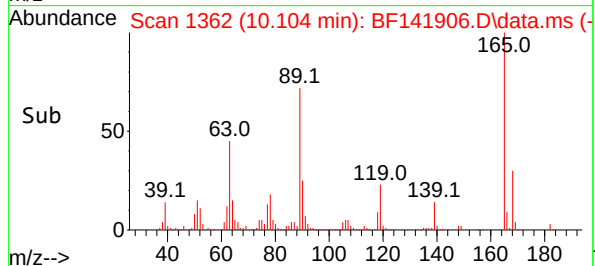
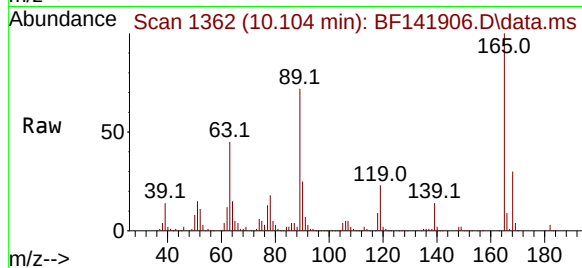




#57
2,4-Dinitrotoluene
Concen: 39.291 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

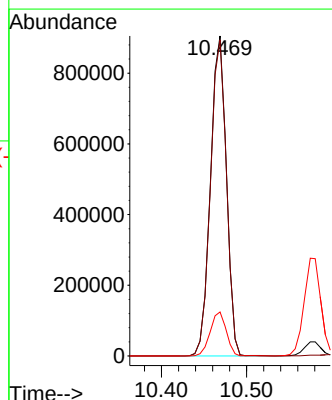
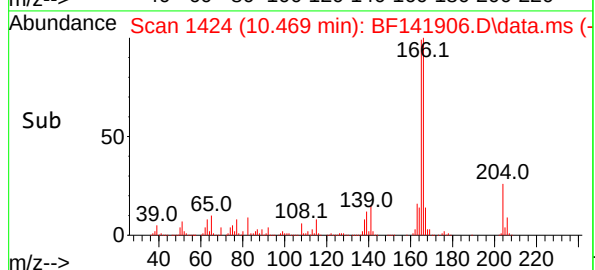
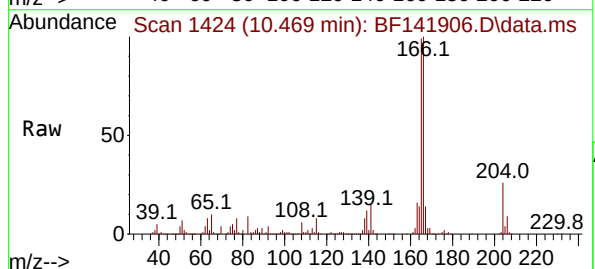
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

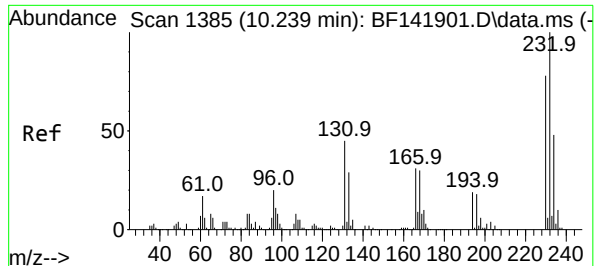
Tgt Ion:165 Resp: 361518
Ion Ratio Lower Upper
165 100
63 44.7 35.4 53.2
89 72.2 56.6 84.8
182 2.7 2.2 3.4



#58
Fluorene
Concen: 37.381 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:166 Resp: 1175392
Ion Ratio Lower Upper
166 100
165 98.8 79.0 118.4
167 13.8 11.0 16.4

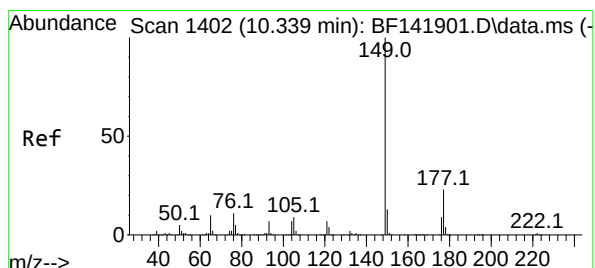
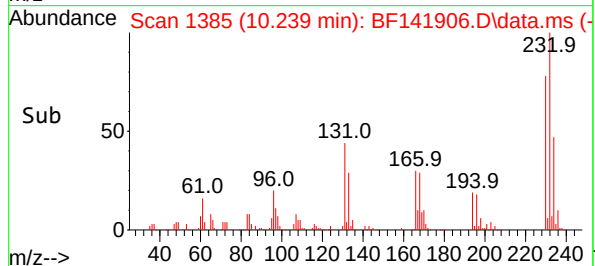
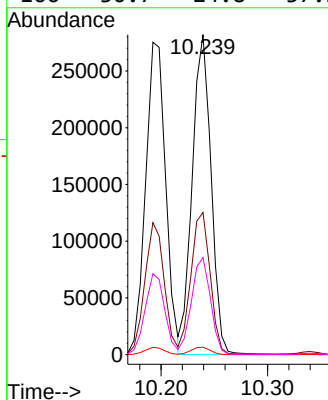
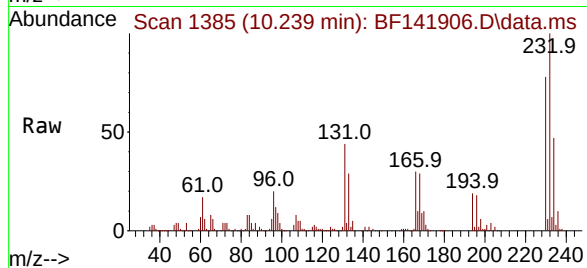




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.070 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

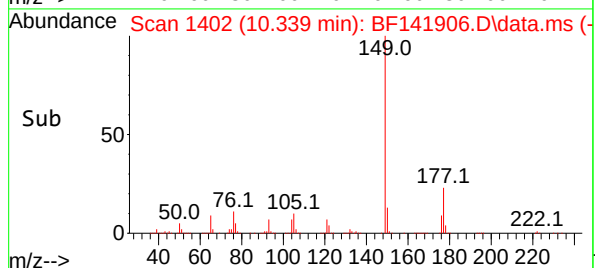
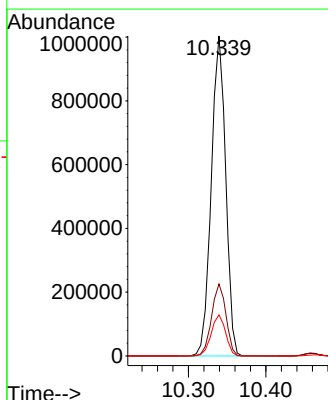
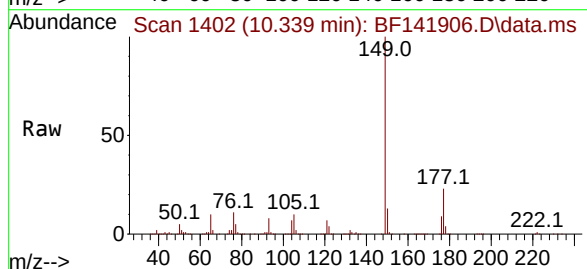
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

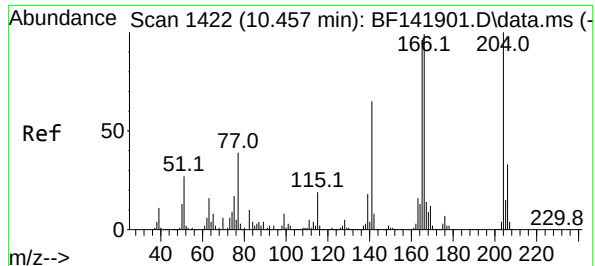
Tgt Ion:232 Resp: 346168
Ion Ratio Lower Upper
232 100
131 45.8 37.3 55.9
130 2.4 1.9 2.9
166 30.7 24.8 37.2



#60
Diethylphthalate
Concen: 38.337 ng
RT: 10.339 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:149 Resp: 1293401
Ion Ratio Lower Upper
149 100
177 22.5 18.0 27.0
150 12.8 10.2 15.4

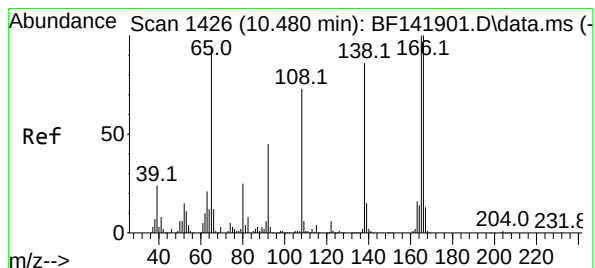
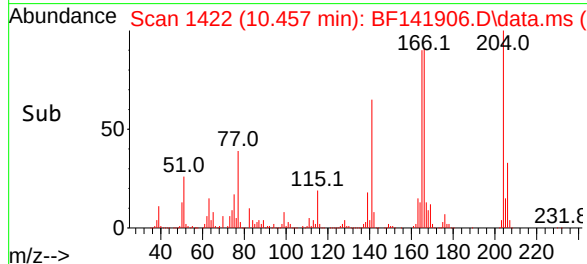
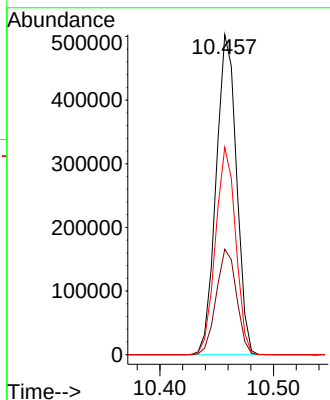
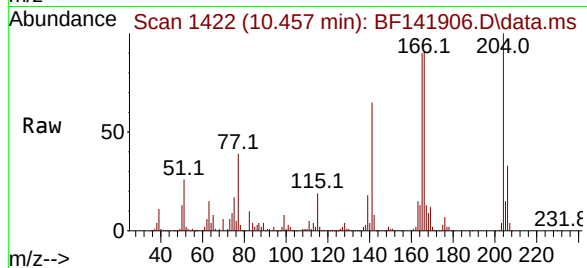




#61
4-Chlorophenyl-phenylether
Concen: 38.272 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

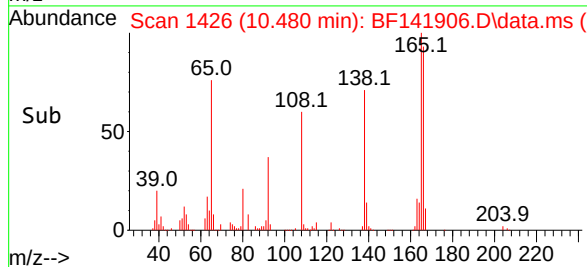
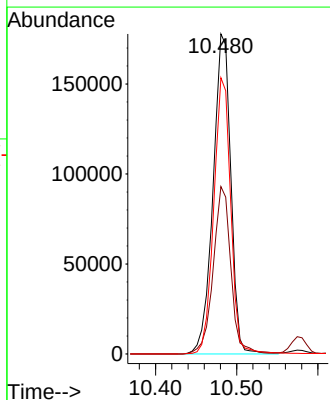
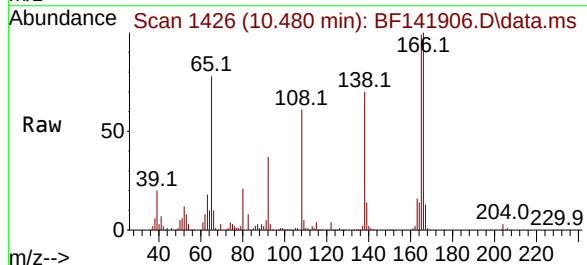
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

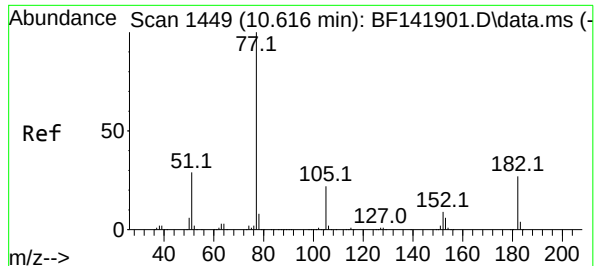
Tgt Ion:204 Resp: 627404
Ion Ratio Lower Upper
204 100
206 33.0 26.8 40.2
141 64.8 52.4 78.6



#62
4-Nitroaniline
Concen: 38.953 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

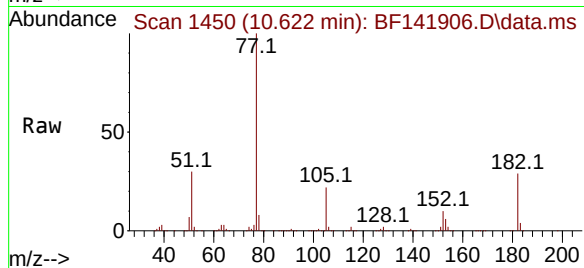
Tgt Ion:138 Resp: 270993
Ion Ratio Lower Upper
138 100
92 52.3 32.6 72.6
108 86.3 65.0 105.0



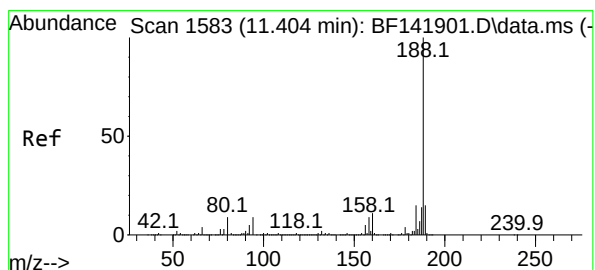
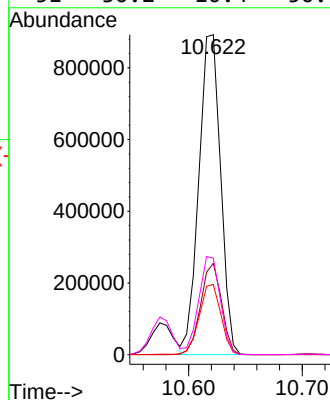
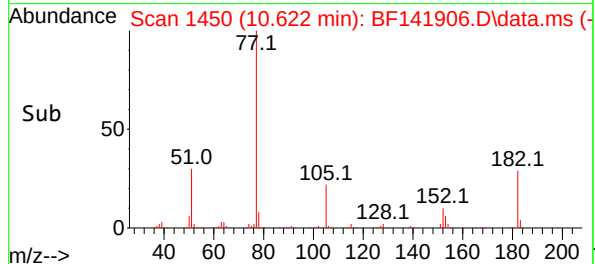


#63
Azobenzene
Concen: 37.911 ng
RT: 10.622 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

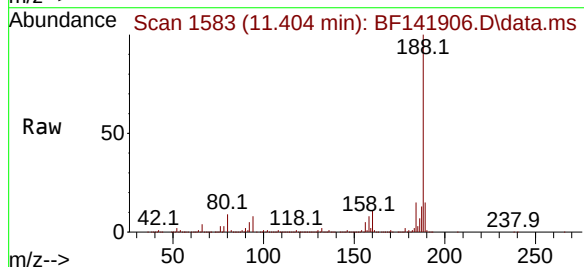
Instrument :
BNA_F
ClientSampleId :
ICVBF031025



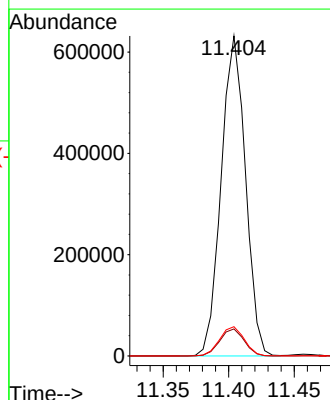
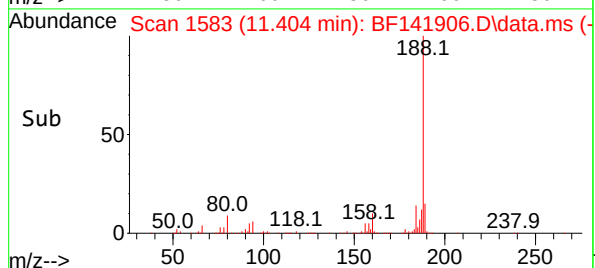
Tgt Ion: 77 Resp: 1189121
Ion Ratio Lower Upper
77 100
182 28.5 6.6 46.6
105 22.0 1.3 41.3
51 30.2 10.4 50.4

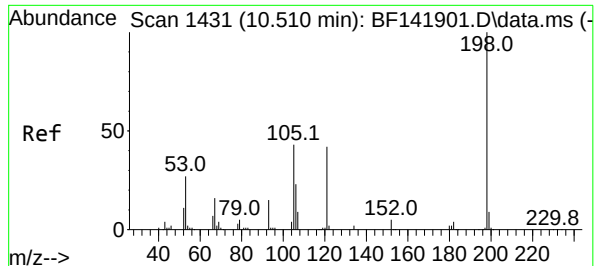


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53



Tgt Ion: 188 Resp: 813672
Ion Ratio Lower Upper
188 100
94 8.5 6.8 10.2
80 9.1 7.6 11.4

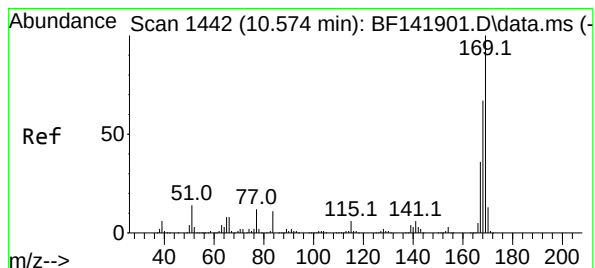
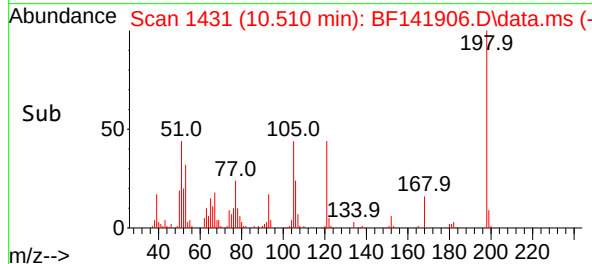
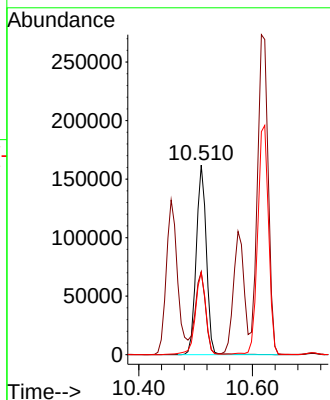
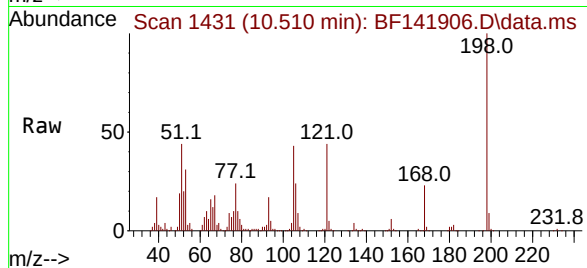




#65
4,6-Dinitro-2-methylphenol
Concen: 41.415 ng
RT: 10.510 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

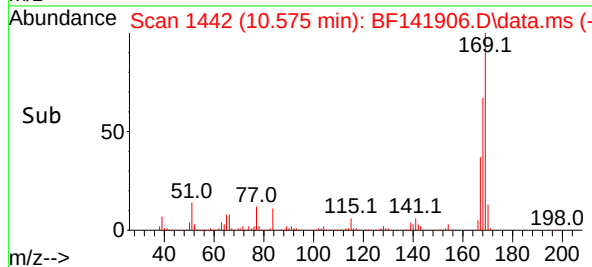
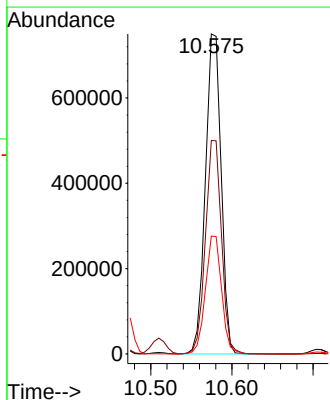
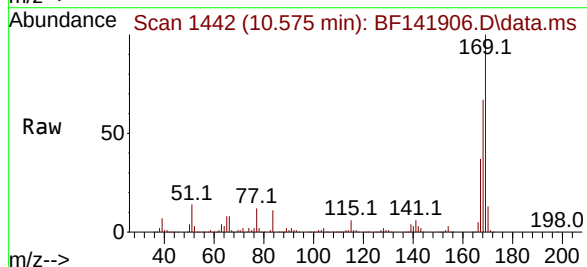
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

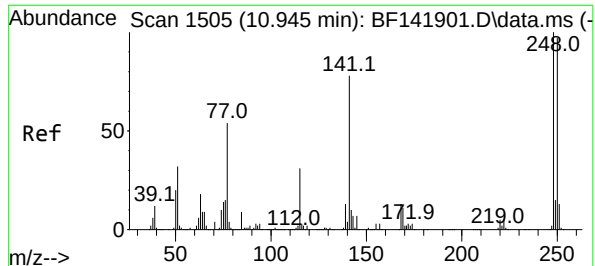
Tgt Ion:198 Resp: 200888
Ion Ratio Lower Upper
198 100
51 43.7 22.3 62.3
105 43.4 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 38.283 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:169 Resp: 1008029
Ion Ratio Lower Upper
169 100
168 66.7 53.7 80.5
167 36.9 29.2 43.8





#67

4-Bromophenyl-phenylether

Concen: 39.015 ng

RT: 10.951 min Scan# 1506

Delta R.T. 0.006 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Instrument :

BNA_F

ClientSampleId :

ICVBF031025

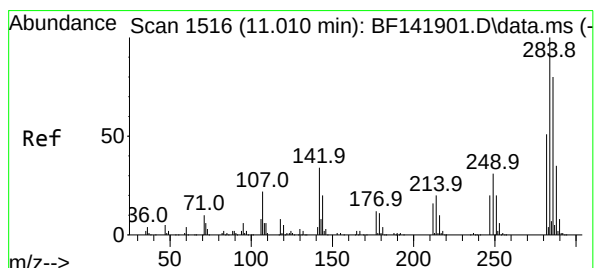
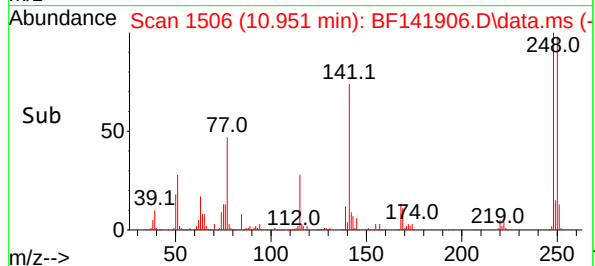
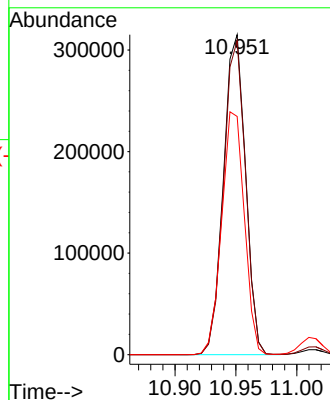
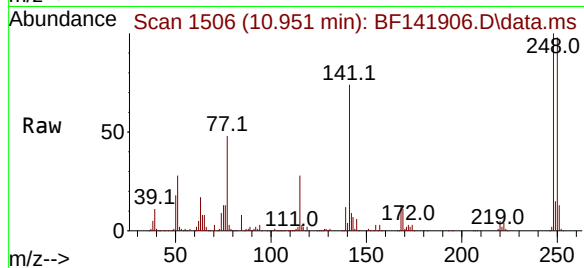
Tgt Ion:248 Resp: 398683

Ion Ratio Lower Upper

248 100

250 98.1 77.8 116.8

141 74.4 62.6 93.8



#68

Hexachlorobenzene

Concen: 39.789 ng

RT: 11.016 min Scan# 1517

Delta R.T. 0.006 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

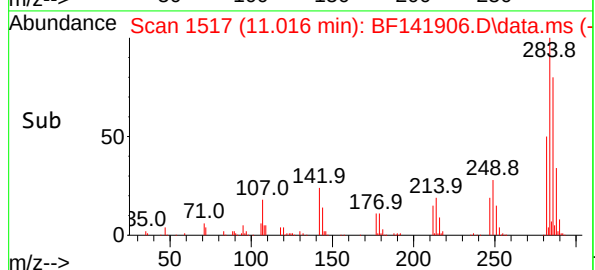
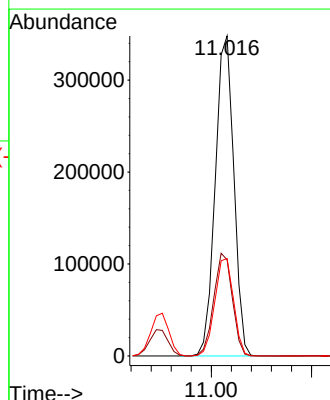
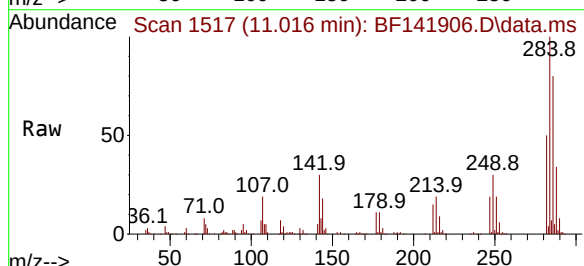
Tgt Ion:284 Resp: 445938

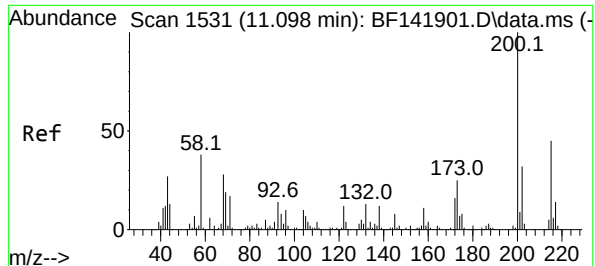
Ion Ratio Lower Upper

284 100

142 30.0 27.0 40.6

249 30.5 25.2 37.8





#69

Atrazine

Concen: 31.945 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Instrument :

BNA_F

ClientSampleId :

ICVBF031025

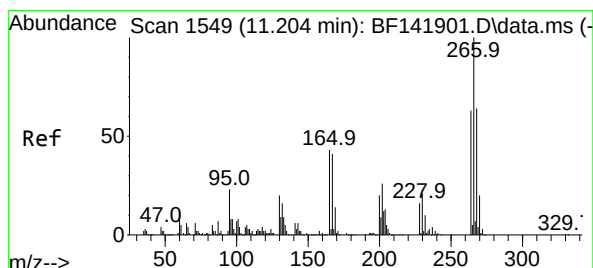
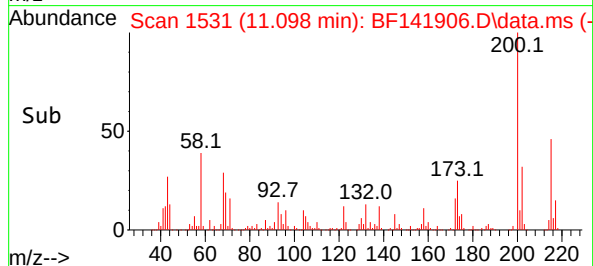
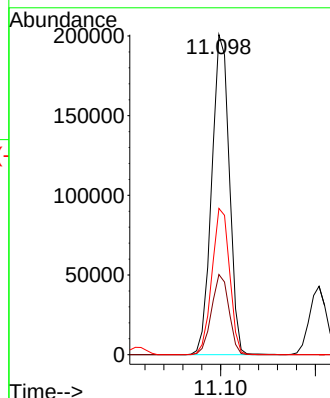
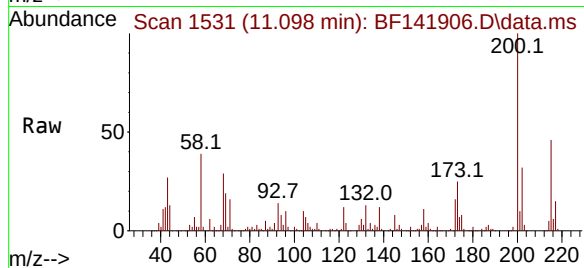
Tgt Ion:200 Resp: 257856

Ion Ratio Lower Upper

200 100

173 25.1 4.7 44.7

215 45.7 25.4 65.4



#70

Pentachlorophenol

Concen: 41.955 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

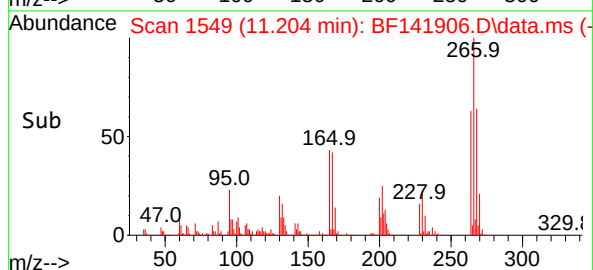
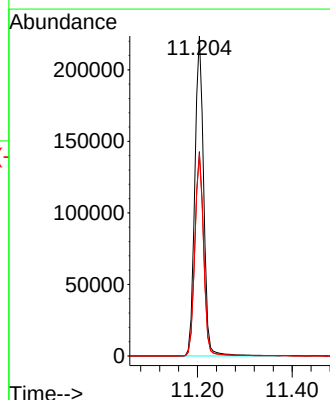
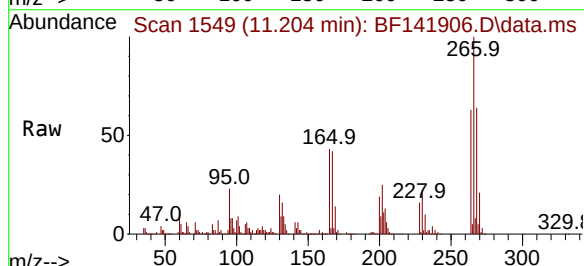
Tgt Ion:266 Resp: 289713

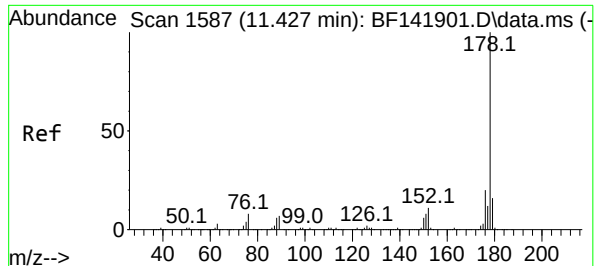
Ion Ratio Lower Upper

266 100

268 63.8 51.0 76.6

264 62.9 50.2 75.2

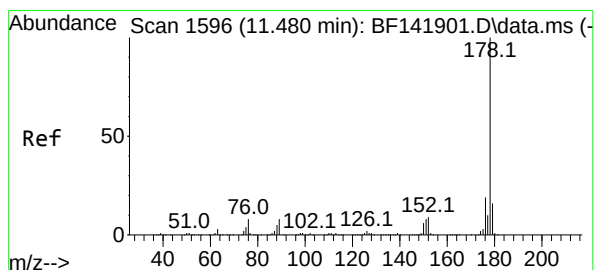
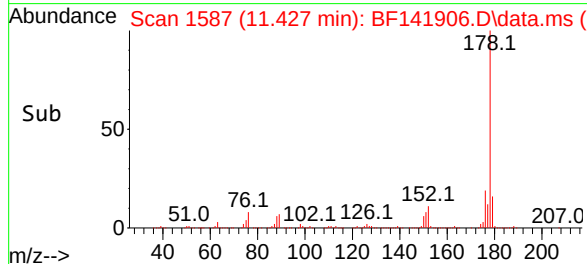
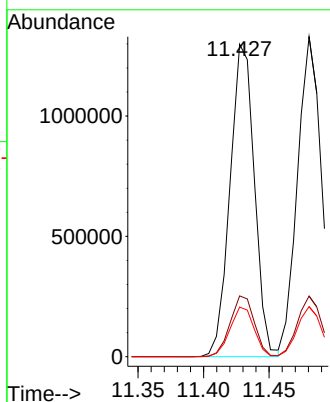
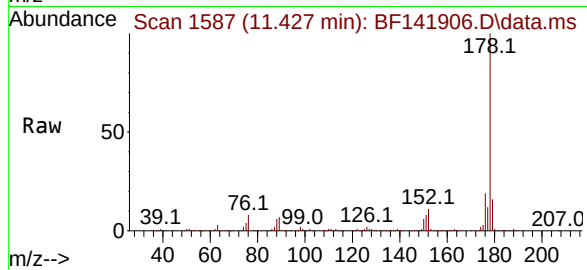




#71
Phenanthrene
Concen: 38.357 ng
RT: 11.427 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

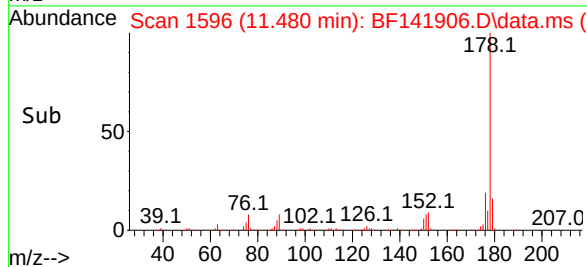
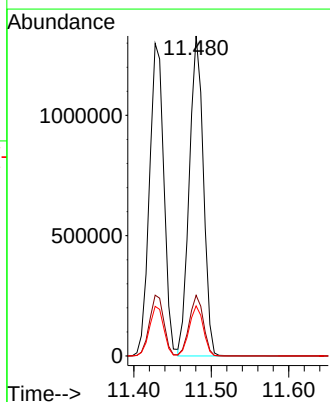
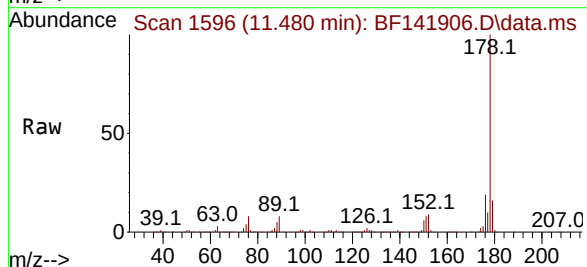
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

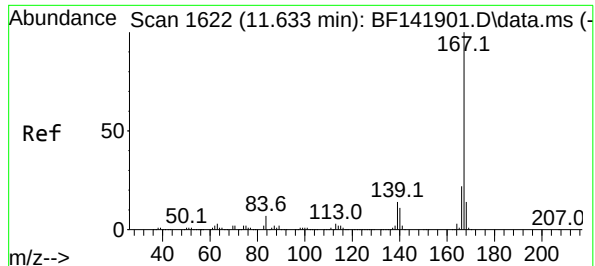
Tgt Ion:178 Resp: 1685770
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.8
179 15.9 12.6 19.0



#72
Anthracene
Concen: 37.991 ng
RT: 11.480 min Scan# 1596
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:178 Resp: 1675103
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.7 12.6 19.0

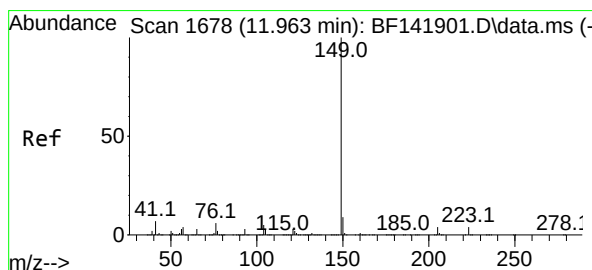
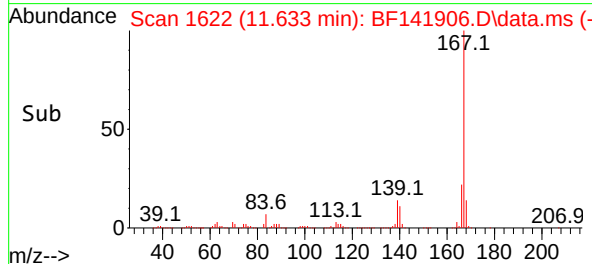
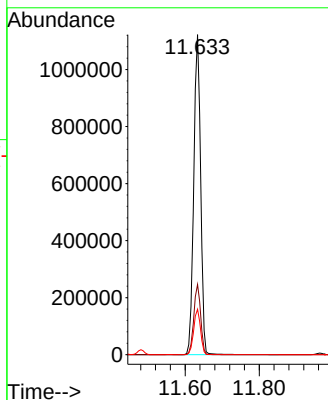
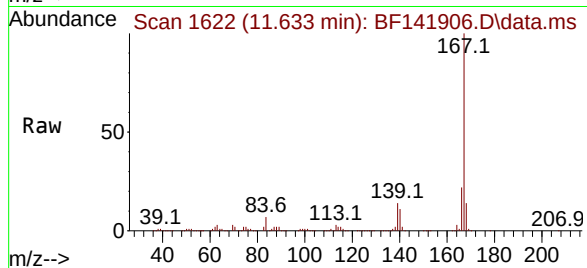




#73
Carbazole
Concen: 38.167 ng
RT: 11.633 min Scan# 1622
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

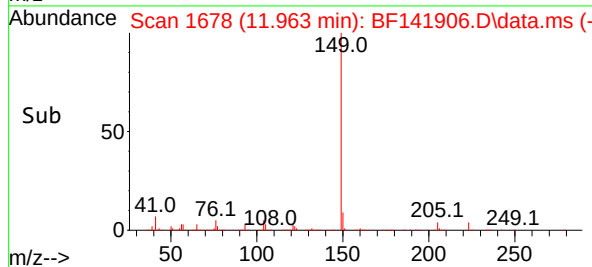
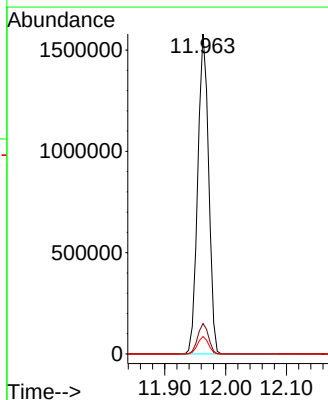
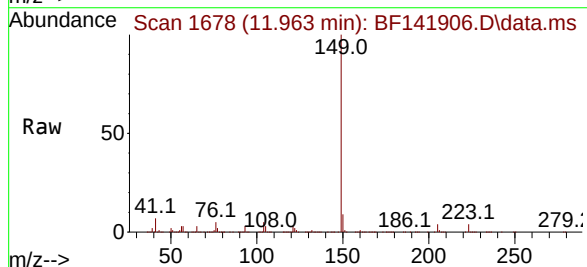
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

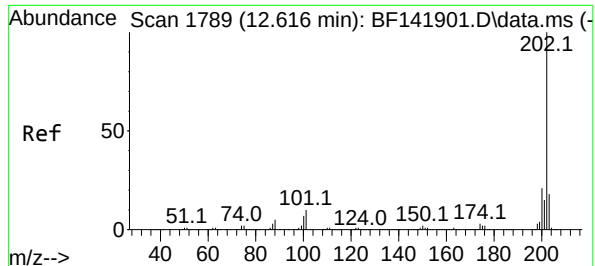
Tgt Ion:167 Resp: 1451333
Ion Ratio Lower Upper
167 100
166 22.0 17.4 26.2
139 14.2 11.0 16.6



#74
Di-n-butylphthalate
Concen: 38.717 ng
RT: 11.963 min Scan# 1678
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:149 Resp: 1953516
Ion Ratio Lower Upper
149 100
150 9.5 7.6 11.4
104 5.5 4.4 6.6

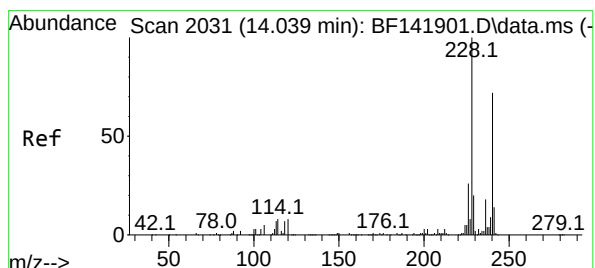
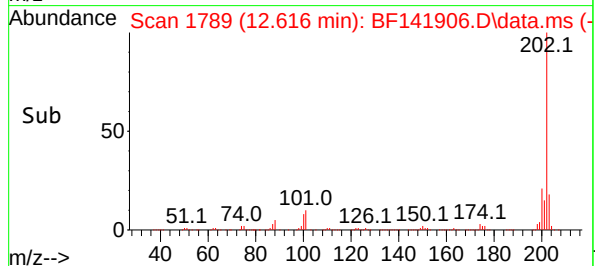
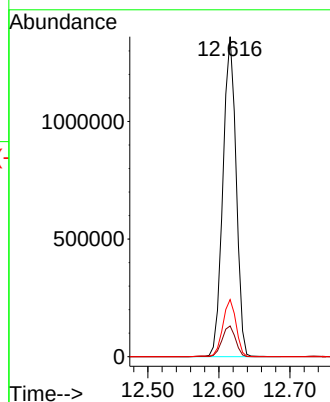
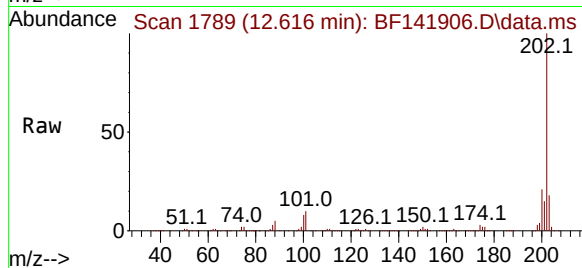




#75
Fluoranthene
Concen: 37.545 ng
RT: 12.616 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

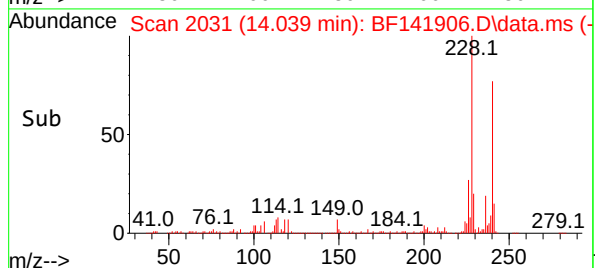
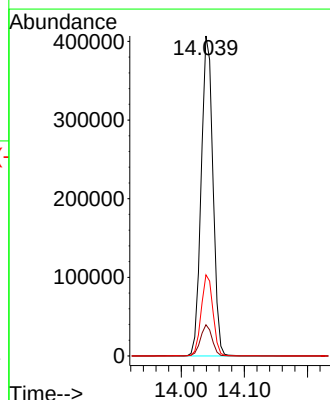
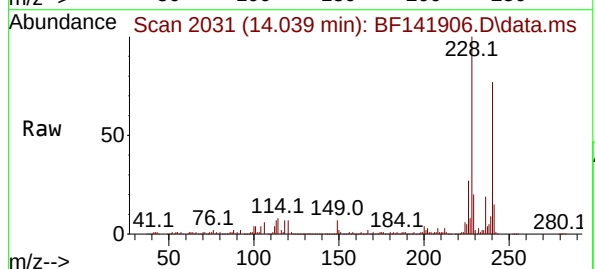
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

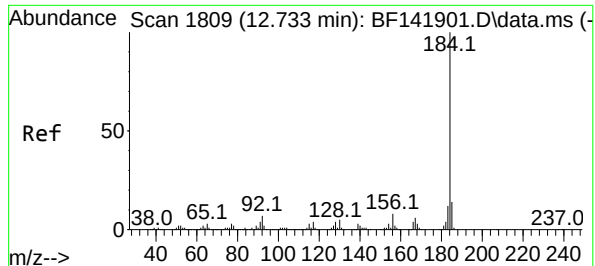
Tgt Ion:202 Resp: 1750317
Ion Ratio Lower Upper
202 100
101 9.6 0.0 29.7
203 17.9 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:240 Resp: 523890
Ion Ratio Lower Upper
240 100
120 9.8 8.4 12.6
236 25.3 20.5 30.7

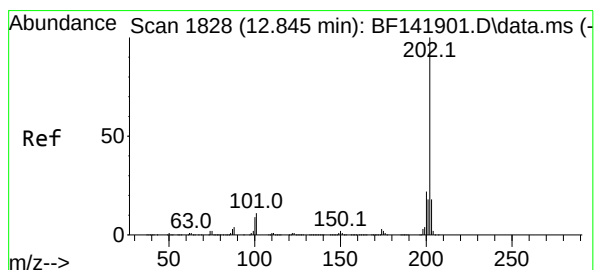
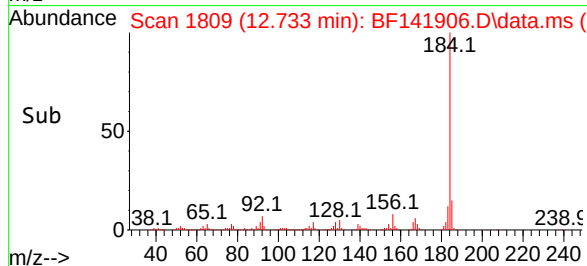
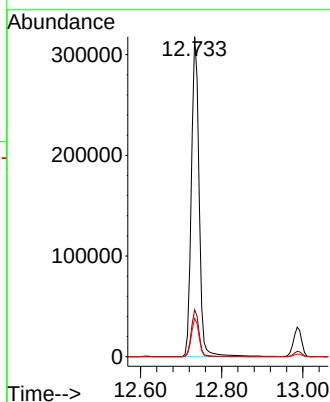
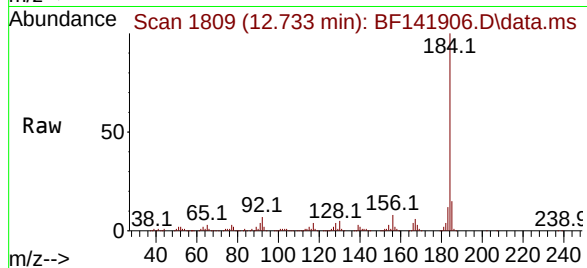




#77
Benzidine
Concen: 57.513 ng
RT: 12.733 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

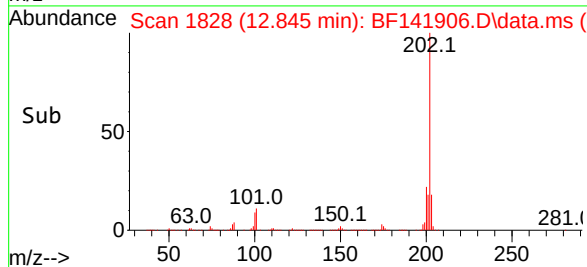
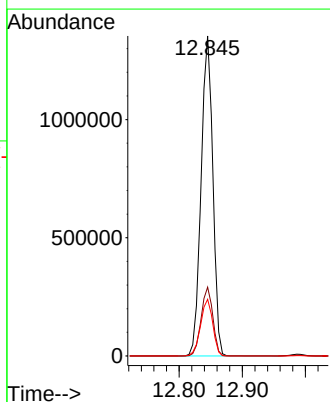
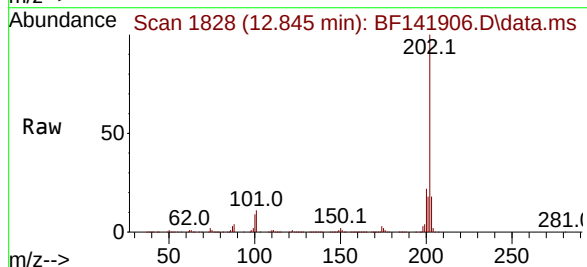
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

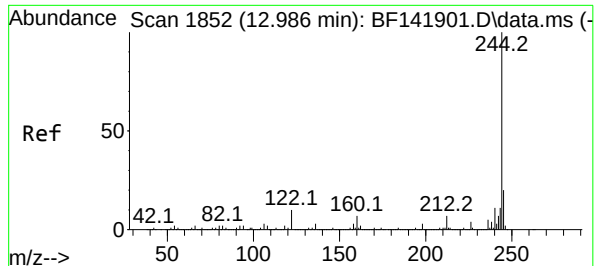
Tgt Ion:184 Resp: 420377
Ion Ratio Lower Upper
184 100
185 14.7 11.5 17.3
183 12.0 9.7 14.5



#78
Pyrene
Concen: 38.539 ng
RT: 12.845 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

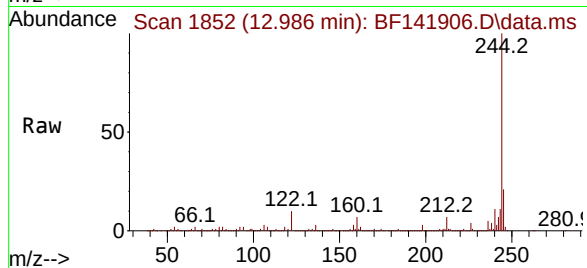
Tgt Ion:202 Resp: 1746456
Ion Ratio Lower Upper
202 100
200 21.5 17.3 25.9
203 17.7 14.4 21.6



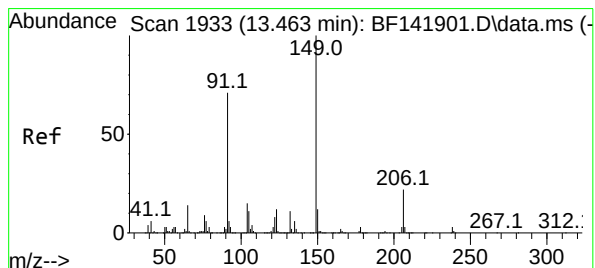
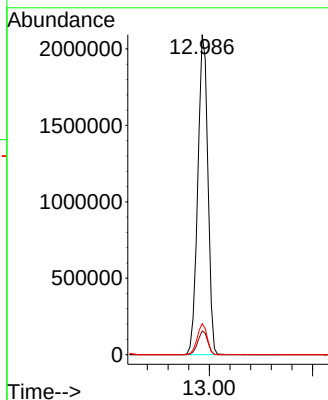
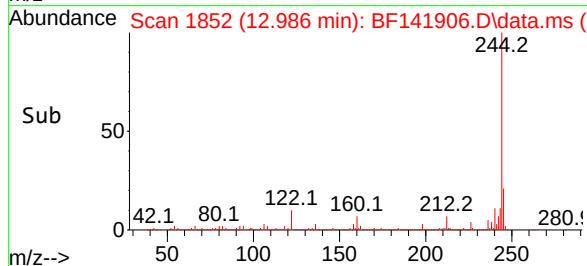


#79
Terphenyl-d14
Concen: 79.748 ng
RT: 12.986 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

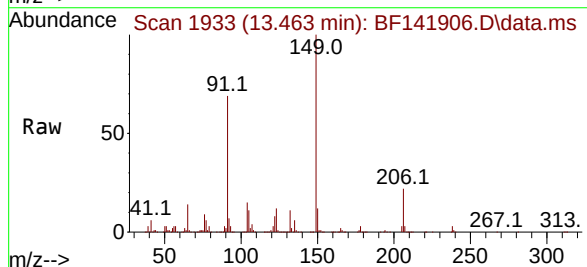
Instrument :
BNA_F
ClientSampleId :
ICVBF031025



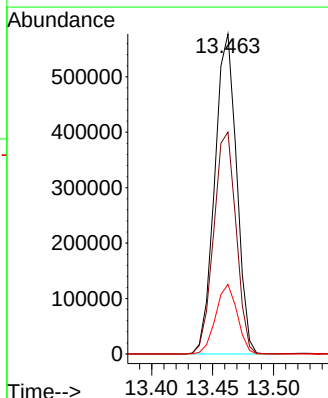
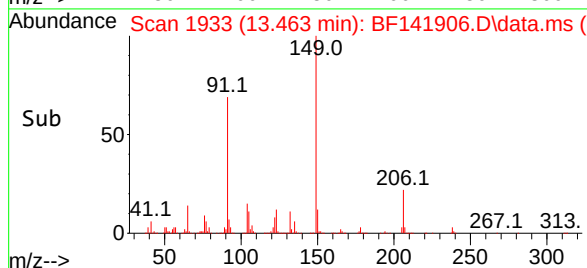
Tgt Ion:244 Resp: 2825870
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 9.7 7.7 11.5

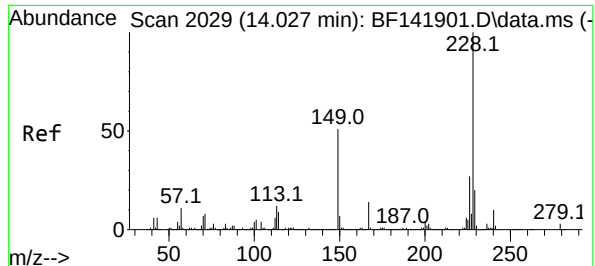


#80
Butylbenzylphthalate
Concen: 40.778 ng
RT: 13.463 min Scan# 1933
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53



Tgt Ion:149 Resp: 723288
Ion Ratio Lower Upper
149 100
91 69.3 56.5 84.7
206 21.8 17.3 25.9

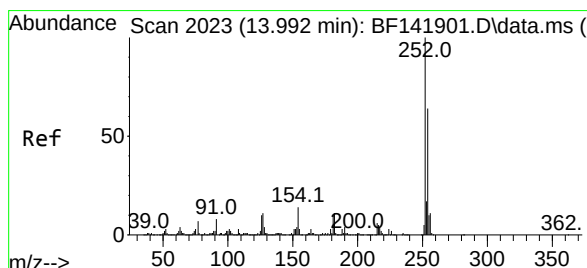
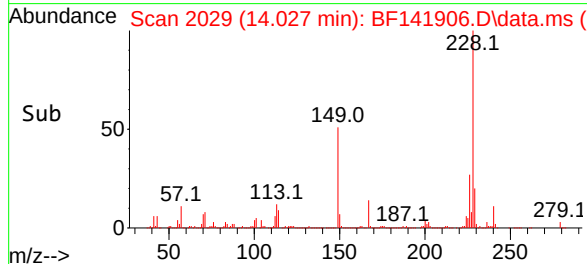
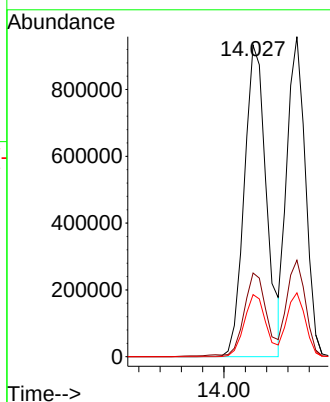
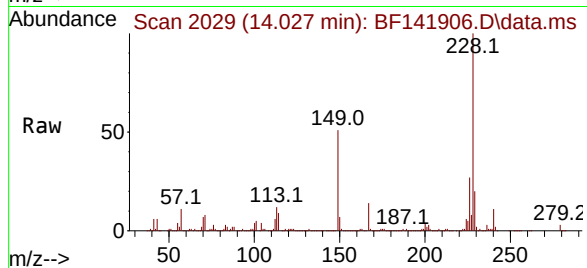




#81
Benzo(a)anthracene
Concen: 39.211 ng
RT: 14.027 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

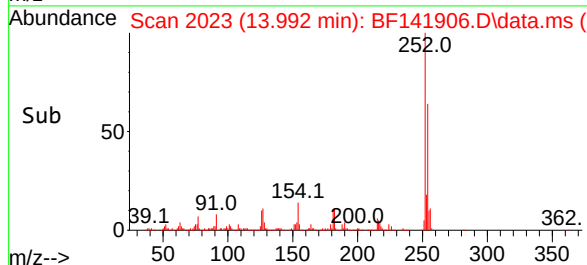
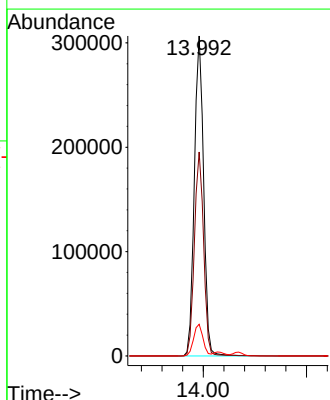
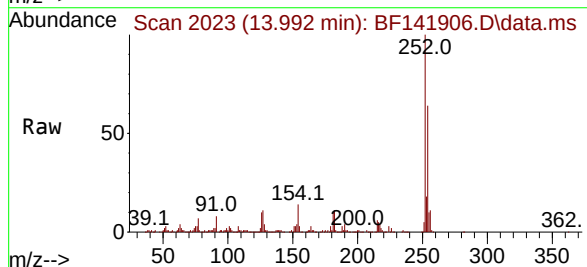
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

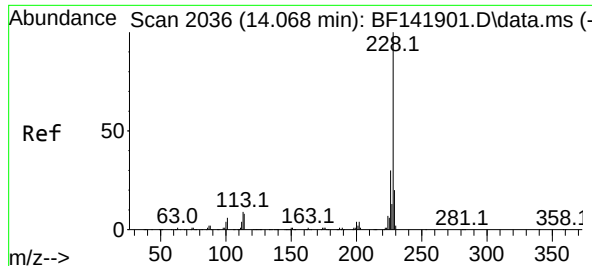
Tgt Ion:228 Resp: 1347977
Ion Ratio Lower Upper
228 100
226 26.9 21.8 32.8
229 20.0 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 38.337 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:252 Resp: 380866
Ion Ratio Lower Upper
252 100
254 63.8 51.0 76.6
126 9.9 8.4 12.6

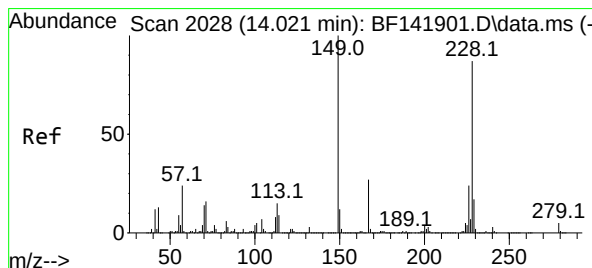
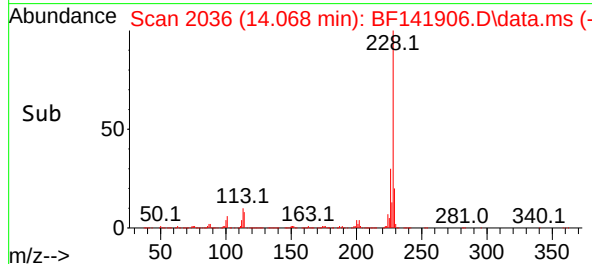
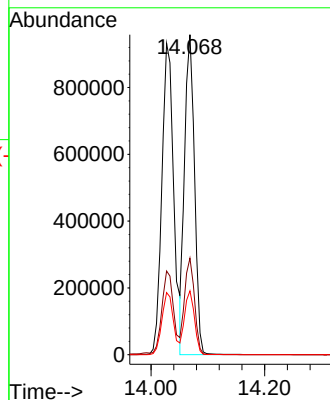
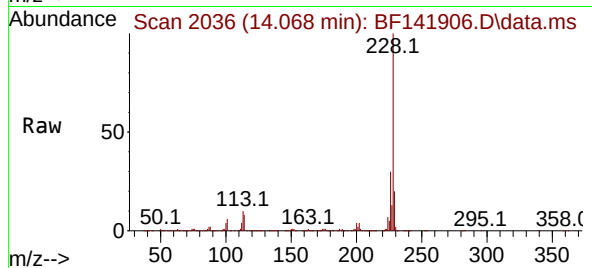




#83
Chrysene
Concen: 37.195 ng
RT: 14.068 min Scan# 2036
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

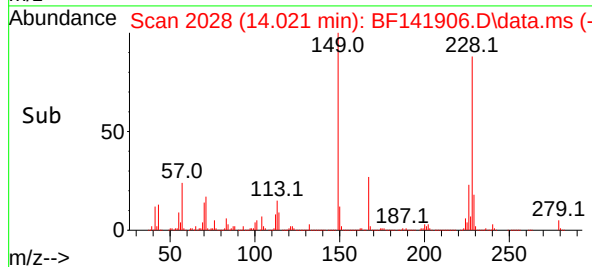
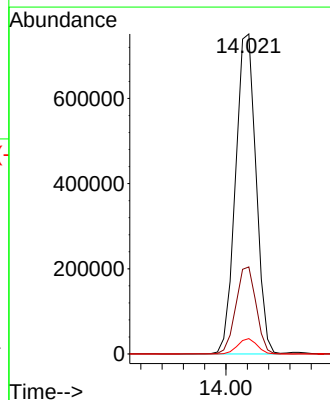
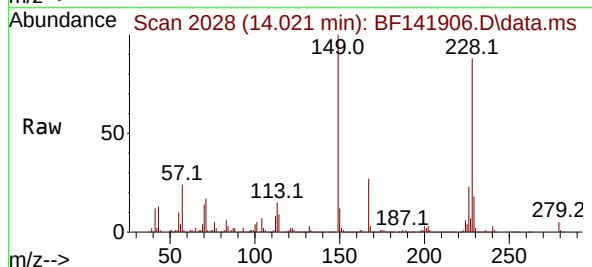
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

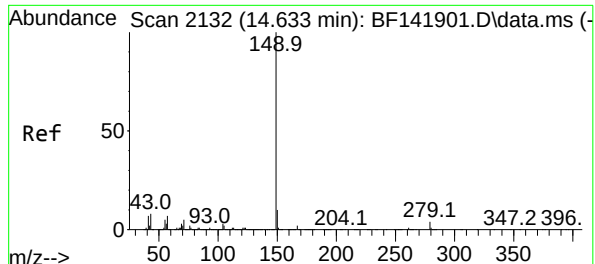
Tgt Ion:228 Resp: 1159074
Ion Ratio Lower Upper
228 100
226 30.2 24.1 36.1
229 20.0 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.142 ng
RT: 14.021 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:149 Resp: 1006170
Ion Ratio Lower Upper
149 100
167 27.2 21.4 32.0
279 4.8 3.8 5.6

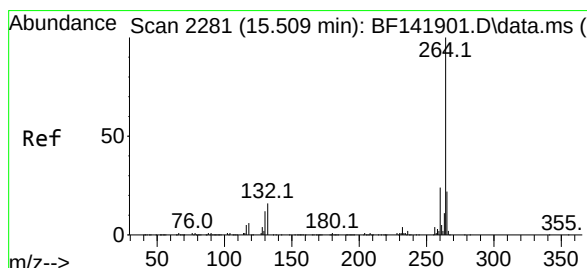
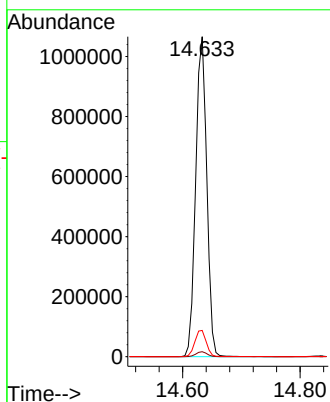
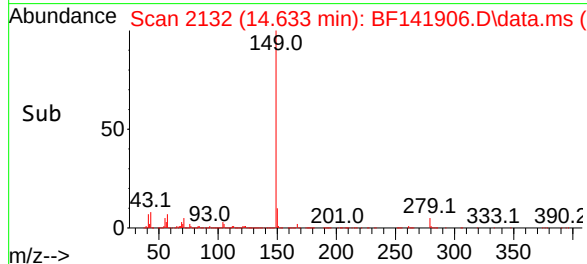
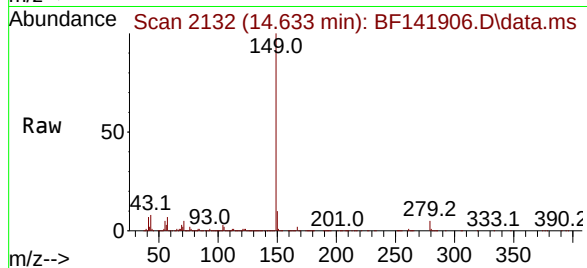




#85
Di-n-octyl phthalate
Concen: 40.971 ng
RT: 14.633 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

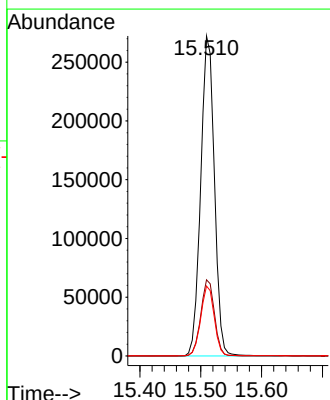
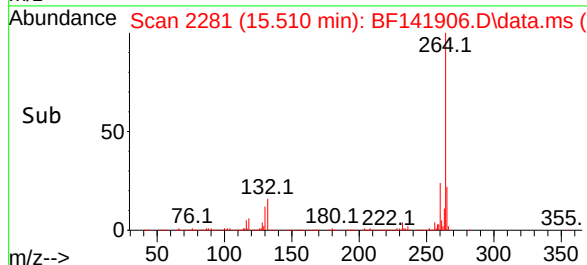
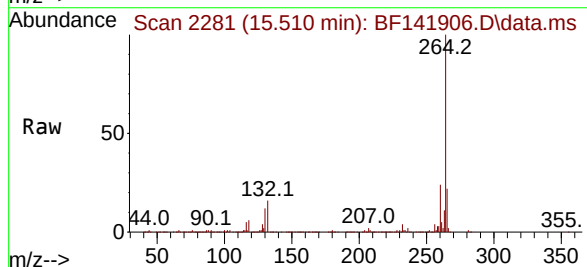
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

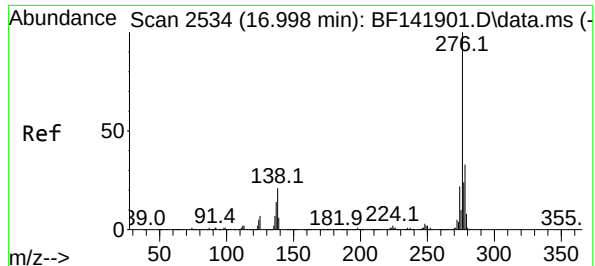
Tgt Ion:149 Resp: 1394136
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.5 6.9 10.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 2281
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:264 Resp: 426422
Ion Ratio Lower Upper
264 100
260 23.8 19.1 28.7
265 21.8 17.5 26.3

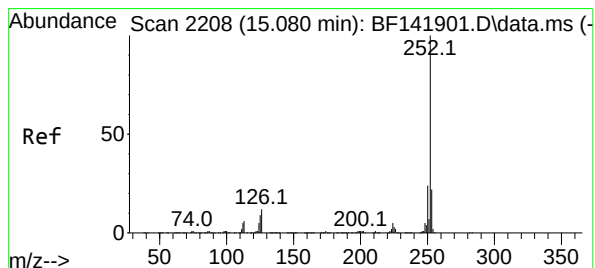
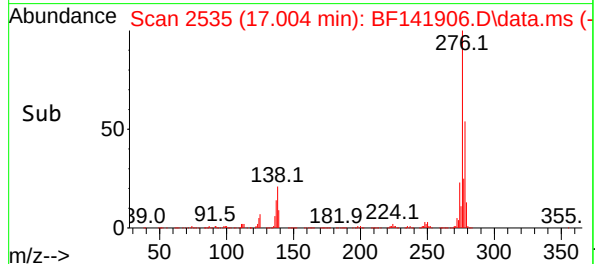
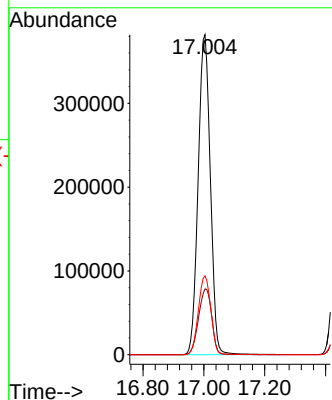
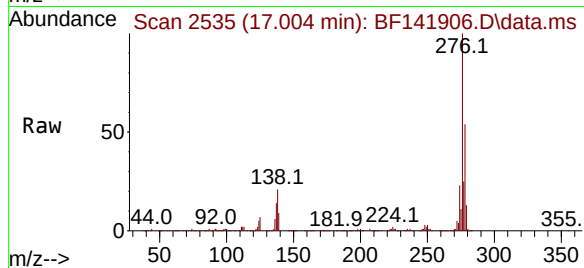




#87
Indeno(1,2,3-cd)pyrene
Concen: 38.467 ng
RT: 17.004 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

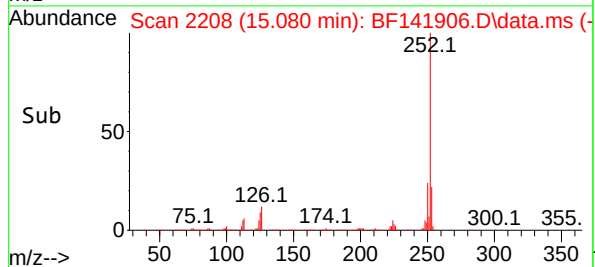
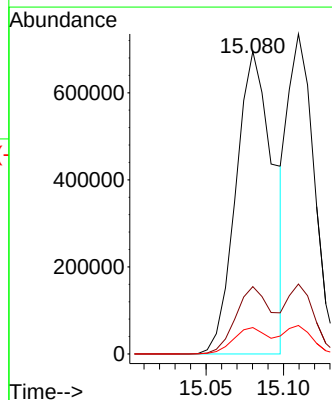
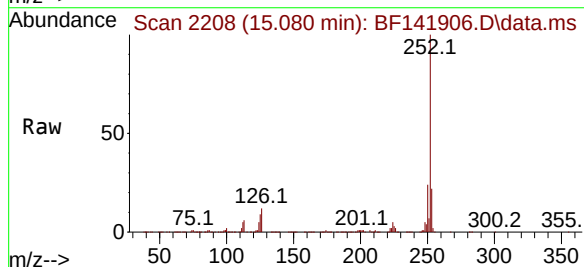
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

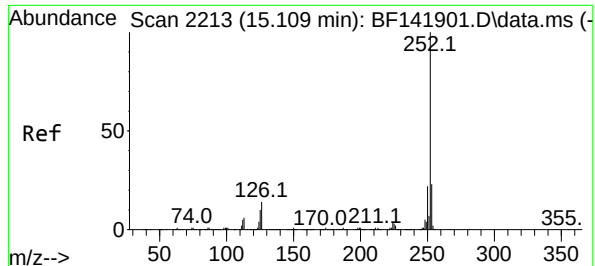
Tgt Ion:276 Resp: 1061096
Ion Ratio Lower Upper
276 100
138 22.2 18.4 27.6
277 25.3 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 39.906 ng
RT: 15.080 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:252 Resp: 1166263
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 8.7 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 34.765 ng

RT: 15.110 min Scan# 2213

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Instrument :

BNA_F

ClientSampleId :

ICVBF031025

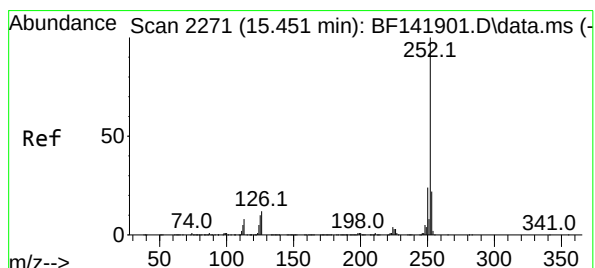
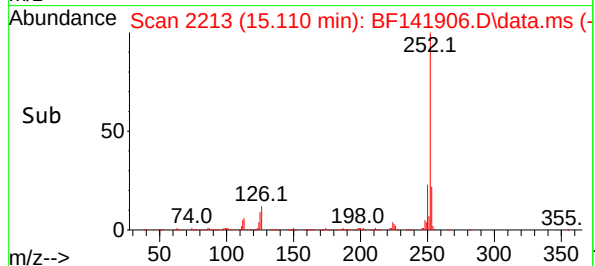
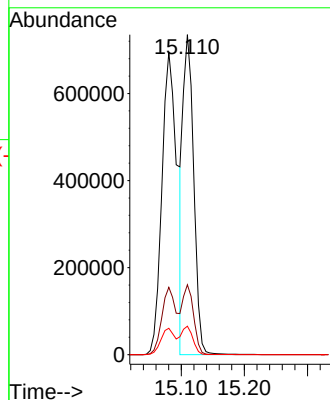
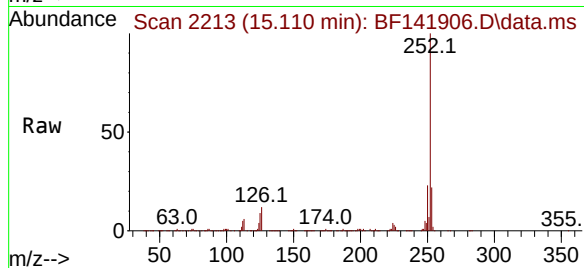
Tgt Ion:252 Resp: 869471

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 8.9 7.2 10.8



#90

Benzo(a)pyrene

Concen: 38.612 ng

RT: 15.451 min Scan# 2271

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

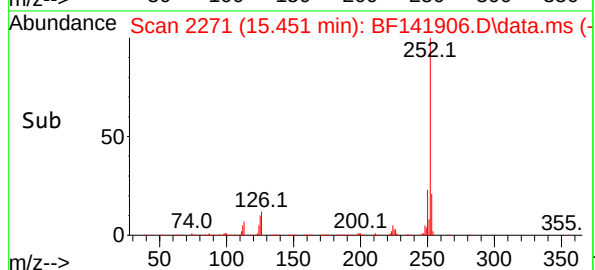
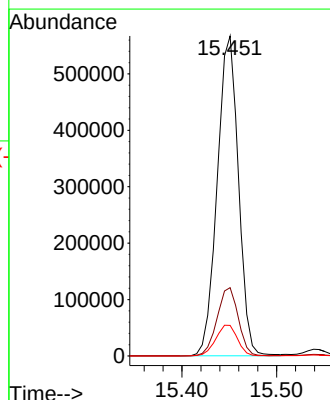
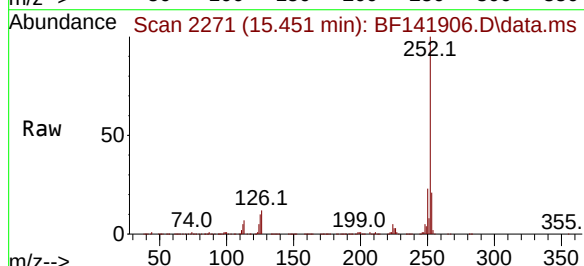
Tgt Ion:252 Resp: 882967

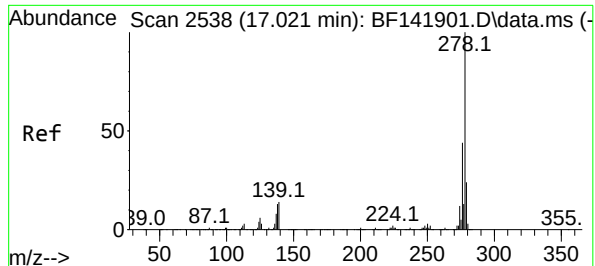
Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.0

125 9.6 7.8 11.8





#91

Dibenzo(a,h)anthracene

Concen: 38.931 ng

RT: 17.021 min Scan# 2538

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Instrument :

BNA_F

ClientSampleId :

ICVBF031025

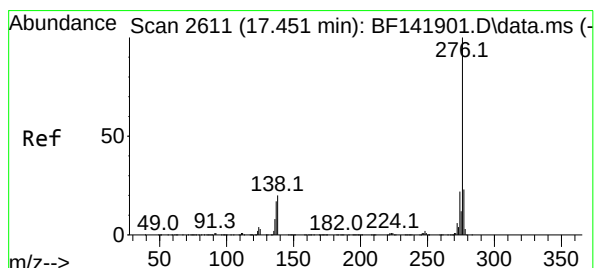
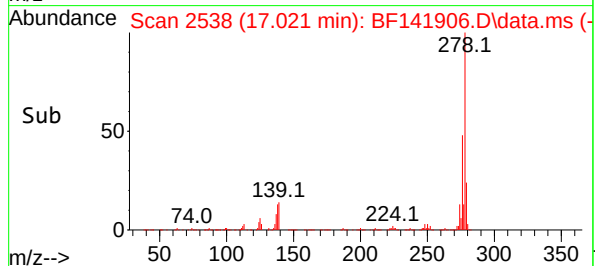
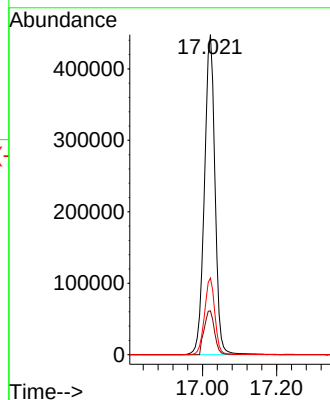
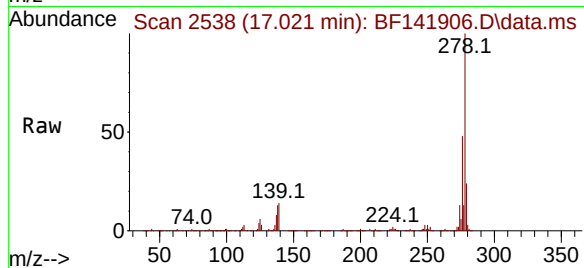
Tgt Ion:278 Resp: 886038

Ion Ratio Lower Upper

278 100

139 13.7 11.4 17.2

279 23.9 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 38.051 ng

RT: 17.451 min Scan# 2611

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

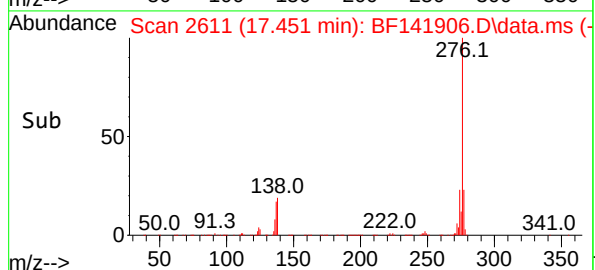
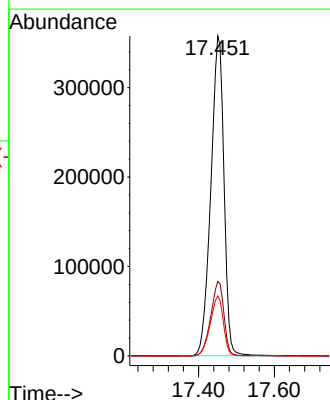
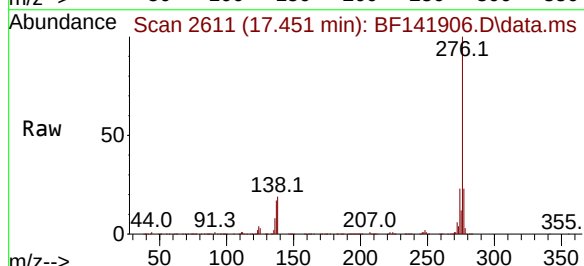
Tgt Ion:276 Resp: 855812

Ion Ratio Lower Upper

276 100

277 23.3 18.7 28.1

138 18.7 15.8 23.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
 Data File : BF141906.D
 Acq On : 10 Mar 2025 15:53
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031025

Quant Time: Mar 10 16:15:33 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 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	94	0.00
2	1,4-Dioxane	0.502	0.485	3.4	91	0.00
3	Pyridine	1.232	1.202	2.4	93	-0.01
4	n-Nitrosodimethylamine	0.587	0.572	2.6	92	0.00
5 S	2-Fluorophenol	1.198	1.151	3.9	94	0.00
6	Aniline	1.505	1.466	2.6	94	0.00
7 S	Phenol-d6	1.526	1.468	3.8	96	0.00
8	2-Chlorophenol	1.329	1.287	3.2	96	0.00
9	Benzaldehyde	0.853	0.810	5.0	98	0.00
10 C	Phenol	1.605	1.570	2.2	96	0.00
11	bis(2-Chloroethyl)ether	1.205	1.152	4.4	95	0.00
12	1,3-Dichlorobenzene	1.435	1.377	4.0	94	0.00
13 C	1,4-Dichlorobenzene	1.452	1.392	4.1	94	0.00
14	1,2-Dichlorobenzene	1.367	1.325	3.1	96	0.00
15	Benzyl Alcohol	1.233	1.215	1.5	96	0.00
16	2,2'-oxybis(1-Chloropropane	1.455	1.358	6.7	94	0.00
17	2-Methylphenol	1.057	1.024	3.1	96	0.00
18	Hexachloroethane	0.544	0.528	2.9	96	0.00
19 P	n-Nitroso-di-n-propylamine	0.980	0.932	4.9	96	0.00
20	3+4-Methylphenols	1.354	1.307	3.5	95	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	96	0.00
22	Acetophenone	0.479	0.451	5.8	94	0.00
23 S	Nitrobenzene-d5	0.355	0.351	1.1	97	0.00
24	Nitrobenzene	0.353	0.344	2.5	96	0.00
25	Isophorone	0.628	0.599	4.6	96	0.00
26 C	2-Nitrophenol	0.173	0.175	-1.2	96	0.00
27	2,4-Dimethylphenol	0.239	0.229	4.2	96	0.00
28	bis(2-Chloroethoxy)methane	0.394	0.374	5.1	97	0.00
29 C	2,4-Dichlorophenol	0.296	0.289	2.4	97	0.00
30	1,2,4-Trichlorobenzene	0.327	0.313	4.3	97	0.00
31	Naphthalene	1.027	0.972	5.4	95	0.00
32	Benzoic acid	0.210	0.222	-5.7	103	0.00
33	4-Chloroaniline	0.363	0.352	3.0	97	0.00
34 C	Hexachlorobutadiene	0.213	0.207	2.8	98	0.00
35	Caprolactam	0.090	0.084	6.7	96	0.00
36 C	4-Chloro-3-methylphenol	0.331	0.319	3.6	96	0.00
37	2-Methylnaphthalene	0.687	0.651	5.2	96	0.00
38	1-Methylnaphthalene	0.663	0.638	3.8	98	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	98	0.00
40	1,2,4,5-Tetrachlorobenzene	0.609	0.581	4.6	96	0.00
41 P	Hexachlorocyclopentadiene	0.238	0.228	4.2	89	0.00
42 S	2,4,6-Tribromophenol	0.254	0.252	0.8	98	0.00
43 C	2,4,6-Trichlorophenol	0.398	0.391	1.8	96	0.00
44	2,4,5-Trichlorophenol	0.403	0.386	4.2	97	0.00
45 S	2-Fluorobiphenyl	1.315	1.242	5.6	97	0.00
46	1,1'-Biphenyl	1.520	1.451	4.5	98	0.00
47	2-Chloronaphthalene	1.133	1.079	4.8	97	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
 Data File : BF141906.D
 Acq On : 10 Mar 2025 15:53
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031025

Quant Time: Mar 10 16:15:33 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 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	0.328	0.319	2.7	97	0.00
49	Acenaphthylene	1.681	1.585	5.7	95	0.00
50	Dimethylphthalate	1.401	1.317	6.0	97	0.00
51	2,6-Dinitrotoluene	0.292	0.284	2.7	97	0.00
52 C	Acenaphthene	1.181	1.134	4.0	97	0.00
53	3-Nitroaniline	0.296	0.285	3.7	95	0.00
54 P	2,4-Dinitrophenol	0.139	0.148	-6.5	102	0.00
55	Dibenzofuran	1.688	1.594	5.6	97	0.00
56 P	4-Nitrophenol	0.223	0.220	1.3	94	0.00
57	2,4-Dinitrotoluene	0.381	0.374	1.8	98	0.00
58	Fluorene	1.302	1.216	6.6	97	0.00
59	2,3,4,6-Tetrachlorophenol	0.367	0.358	2.5	98	0.00
60	Diethylphthalate	1.397	1.338	4.2	98	0.00
61	4-Chlorophenyl-phenylether	0.679	0.649	4.4	99	0.00
62	4-Nitroaniline	0.288	0.280	2.8	95	0.00
63	Azobenzene	1.298	1.231	5.2	97	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	97	0.00
65	4,6-Dinitro-2-methylphenol	0.119	0.123	-3.4	99	0.00
66 c	n-Nitrosodiphenylamine	0.647	0.619	4.3	97	0.00
67	4-Bromophenyl-phenylether	0.251	0.245	2.4	97	0.00
68	Hexachlorobenzene	0.275	0.274	0.4	99	0.00
69	Atrazine	0.198	0.158	20.2	94	0.00
70 C	Pentachlorophenol	0.170	0.178	-4.7	97	0.00
71	Phenanthrene	1.080	1.036	4.1	97	0.00
72	Anthracene	1.084	1.029	5.1	95	0.00
73	Carbazole	0.935	0.892	4.6	95	0.00
74	Di-n-butylphthalate	1.240	1.200	3.2	99	0.00
75 C	Fluoranthene	1.146	1.076	6.1	94	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	92	0.00
77	Benzidine	0.279	0.401	-43.7#	103	0.00
78	Pyrene	1.730	1.667	3.6	95	0.00
79 S	Terphenyl-d14	1.353	1.349	0.3	97	0.00
80	Butylbenzylphthalate	0.677	0.690	-1.9	97	0.00
81	Benzo(a)anthracene	1.312	1.287	1.9	93	0.00
82	3,3'-Dichlorobenzidine	0.379	0.363	4.2	90	0.00
83	Chrysene	1.190	1.106	7.1	90	0.00
84	Bis(2-ethylhexyl)phthalate	0.934	0.960	-2.8	98	0.00
85 c	Di-n-octyl phthalate	1.299	1.331	-2.5	97	0.00
86 I	Perylene-d12	1.000	1.000	0.0	91	0.00
87	Indeno(1,2,3-cd)pyrene	1.294	1.244	3.9	88	0.00
88	Benzo(b)fluoranthene	1.371	1.367	0.3	103	0.00
89	Benzo(k)fluoranthene	1.173	1.019	13.1	77	0.00
90 C	Benzo(a)pyrene	1.073	1.035	3.5	91	0.00
91	Dibenzo(a,h)anthracene	1.067	1.039	2.6	88	0.00
92	Benzo(g,h,i)perylene	1.055	1.003	4.9	86	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141906.D
Acq On : 10 Mar 2025 15:53
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF031025

Quant Time: Mar 10 16:15:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 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_F\Data\BF031025\
 Data File : BF141906.D
 Acq On : 10 Mar 2025 15:53
 Operator : RC/JU
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 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	94	0.00
2	1,4-Dioxane	40.000	38.670	3.3	91	0.00
3	Pyridine	40.000	39.050	2.4	93	-0.01
4	n-Nitrosodimethylamine	40.000	38.959	2.6	92	0.00
5 S	2-Fluorophenol	80.000	76.823	4.0	94	0.00
6	Aniline	40.000	38.958	2.6	94	0.00
7 S	Phenol-d6	80.000	76.962	3.8	96	0.00
8	2-Chlorophenol	40.000	38.721	3.2	96	0.00
9	Benzaldehyde	40.000	37.950	5.1	98	0.00
10 C	Phenol	40.000	39.115	2.2	96	0.00
11	bis(2-Chloroethyl)ether	40.000	38.246	4.4	95	0.00
12	1,3-Dichlorobenzene	40.000	38.391	4.0	94	0.00
13 C	1,4-Dichlorobenzene	40.000	38.366	4.1	94	0.00
14	1,2-Dichlorobenzene	40.000	38.744	3.1	96	0.00
15	Benzyl Alcohol	40.000	39.408	1.5	96	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	37.338	6.7	94	0.00
17	2-Methylphenol	40.000	38.775	3.1	96	0.00
18	Hexachloroethane	40.000	38.797	3.0	96	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	38.038	4.9	96	0.00
20	3+4-Methylphenols	40.000	38.619	3.5	95	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	96	0.00
22	Acetophenone	40.000	37.650	5.9	94	0.00
23 S	Nitrobenzene-d5	80.000	78.962	1.3	97	0.00
24	Nitrobenzene	40.000	38.980	2.6	96	0.00
25	Isophorone	40.000	38.163	4.6	96	0.00
26 C	2-Nitrophenol	40.000	40.429	-1.1	96	0.00
27	2,4-Dimethylphenol	40.000	38.414	4.0	96	0.00
28	bis(2-Chloroethoxy)methane	40.000	37.943	5.1	97	0.00
29 C	2,4-Dichlorophenol	40.000	38.952	2.6	97	0.00
30	1,2,4-Trichlorobenzene	40.000	38.336	4.2	97	0.00
31	Naphthalene	40.000	37.827	5.4	95	0.00
32	Benzoic acid	40.000	42.303	-5.8	103	0.00
33	4-Chloroaniline	40.000	38.847	2.9	97	0.00
34 C	Hexachlorobutadiene	40.000	38.849	2.9	98	0.00
35	Caprolactam	40.000	37.276	6.8	96	0.00
36 C	4-Chloro-3-methylphenol	40.000	38.550	3.6	96	0.00
37	2-Methylnaphthalene	40.000	37.935	5.2	96	0.00
38	1-Methylnaphthalene	40.000	38.484	3.8	98	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	98	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	38.191	4.5	96	0.00
41 P	Hexachlorocyclopentadiene	40.000	38.281	4.3	89	0.00
42 S	2,4,6-Tribromophenol	80.000	79.342	0.8	98	0.00
43 C	2,4,6-Trichlorophenol	40.000	39.292	1.8	96	0.00
44	2,4,5-Trichlorophenol	40.000	38.263	4.3	97	0.00
45 S	2-Fluorobiphenyl	80.000	75.528	5.6	97	0.00
46	1,1'-Biphenyl	40.000	38.182	4.5	98	0.00
47	2-Chloronaphthalene	40.000	38.090	4.8	97	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
 Data File : BF141906.D
 Acq On : 10 Mar 2025 15:53
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031025

Quant Time: Mar 10 16:15:33 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 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	38.908	2.7	97	0.00
49	Acenaphthylene	40.000	37.725	5.7	95	0.00
50	Dimethylphthalate	40.000	37.611	6.0	97	0.00
51	2,6-Dinitrotoluene	40.000	38.970	2.6	97	0.00
52 C	Acenaphthene	40.000	38.405	4.0	97	0.00
53	3-Nitroaniline	40.000	38.561	3.6	95	0.00
54 P	2,4-Dinitrophenol	40.000	39.326	1.7	102	0.00
55	Dibenzofuran	40.000	37.778	5.6	97	0.00
56 P	4-Nitrophenol	40.000	39.425	1.4	94	0.00
57	2,4-Dinitrotoluene	40.000	39.291	1.8	98	0.00
58	Fluorene	40.000	37.381	6.5	97	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	39.070	2.3	98	0.00
60	Diethylphthalate	40.000	38.337	4.2	98	0.00
61	4-Chlorophenyl-phenylether	40.000	38.272	4.3	99	0.00
62	4-Nitroaniline	40.000	38.953	2.6	95	0.00
63	Azobenzene	40.000	37.911	5.2	97	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	97	0.00
65	4,6-Dinitro-2-methylphenol	40.000	41.415	-3.5	99	0.00
66 c	n-Nitrosodiphenylamine	40.000	38.283	4.3	97	0.00
67	4-Bromophenyl-phenylether	40.000	39.015	2.5	97	0.00
68	Hexachlorobenzene	40.000	39.789	0.5	99	0.00
69	Atrazine	40.000	31.945	20.1	94	0.00
70 C	Pentachlorophenol	40.000	41.955	-4.9	97	0.00
71	Phenanthrene	40.000	38.357	4.1	97	0.00
72	Anthracene	40.000	37.991	5.0	95	0.00
73	Carbazole	40.000	38.167	4.6	95	0.00
74	Di-n-butylphthalate	40.000	38.717	3.2	99	0.00
75 C	Fluoranthene	40.000	37.545	6.1	94	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	92	0.00
77	Benzydine	40.000	57.513	-43.8#	103	0.00
78	Pyrene	40.000	38.539	3.7	95	0.00
79 S	Terphenyl-d14	80.000	79.748	0.3	97	0.00
80	Butylbenzylphthalate	40.000	40.778	-1.9	97	0.00
81	Benzo(a)anthracene	40.000	39.211	2.0	93	0.00
82	3,3'-Dichlorobenzidine	40.000	38.337	4.2	90	0.00
83	Chrysene	40.000	37.195	7.0	90	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	41.142	-2.9	98	0.00
85 c	Di-n-octyl phthalate	40.000	40.971	-2.4	97	0.00
86 I	Perylene-d12	20.000	20.000	0.0	91	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	38.467	3.8	88	0.00
88	Benzo(b)fluoranthene	40.000	39.906	0.2	103	0.00
89	Benzo(k)fluoranthene	40.000	34.765	13.1	77	0.00
90 C	Benzo(a)pyrene	40.000	38.612	3.5	91	0.00
91	Dibenzo(a,h)anthracene	40.000	38.931	2.7	88	0.00
92	Benzo(g,h,i)perylene	40.000	38.051	4.9	86	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141906.D
Acq On : 10 Mar 2025 15:53
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF031025

Quant Time: Mar 10 16:15:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01
 Lab Code: CHEM Case No.: Q1574 SAS No.: Q1574 SDG No.: Q1574
 Instrument ID: BNA_P Calibration Date(s): 03/12/2025 03/12/2025
 Calibration Time(s): 16:17 21:02

LAB FILE ID:		RRF2.5 = BP024160.D			RRF005 = BP024161.D		RRF010 = BP024162.D	
		RRF020 = BP024163.D			RRF040 = BP024164.D		RRF050 = BP024165.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.158	1.194	1.307	1.211	1.291	1.253	5.1
Benzaldehyde		0.971	0.949	0.930	0.780	0.751	0.809	18.2
Phenol-d6		1.518	1.581	1.747	1.631	1.749	1.675	5.9
Phenol		1.579	1.632	1.754	1.628	1.744	1.691	4.5
bis(2-Chloroethyl) ether		1.286	1.317	1.407	1.273	1.341	1.334	3.5
2-Chlorophenol		1.257	1.310	1.413	1.306	1.391	1.353	4.5
2-Methylphenol		0.932	0.997	1.120	1.038	1.116	1.061	7.0
2,2-oxybis(1-Chloropropane)		1.374	1.367	1.434	1.293	1.365	1.361	3.1
Acetophenone		0.483	0.490	0.531	0.496	0.508	0.506	3.4
3+4-Methylphenols		1.265	1.360	1.530	1.433	1.547	1.457	7.5
n-Nitroso-di-n-propylamine	0.869	0.910	0.956	1.048	0.962	1.026	0.972	6.2
Nitrobenzene-d5		0.330	0.338	0.366	0.351	0.362	0.354	4.3
Hexachloroethane		0.533	0.512	0.547	0.508	0.533	0.529	2.7
Nitrobenzene		0.330	0.336	0.362	0.341	0.355	0.350	3.9
Isophorone		0.532	0.562	0.631	0.602	0.635	0.608	7.3
2-Nitrophenol		0.126	0.141	0.167	0.171	0.182	0.167	14.9
2,4-Dimethylphenol		0.186	0.198	0.220	0.215	0.223	0.215	7.9
bis(2-Chloroethoxy) methane		0.414	0.418	0.438	0.418	0.429	0.427	2.5
2,4-Dichlorophenol		0.237	0.263	0.298	0.296	0.306	0.291	10.2
Naphthalene		1.041	1.037	1.099	1.029	1.069	1.060	2.4
4-Chloroaniline		0.344	0.356	0.397	0.377	0.394	0.379	5.6
Hexachlorobutadiene		0.177	0.178	0.187	0.180	0.187	0.185	3.4
Caprolactam		0.072	0.079	0.097	0.097	0.107	0.095	15.6
4-Chloro-3-methylphenol		0.261	0.283	0.324	0.314	0.333	0.313	9.8
2-Methylnaphthalene		0.689	0.684	0.737	0.704	0.731	0.716	3.3
Hexachlorocyclopentadiene		0.169	0.189	0.214	0.212	0.220	0.208	10.6
2,4,6-Trichlorophenol		0.291	0.324	0.379	0.372	0.391	0.367	12.0
2-Fluorobiphenyl		1.364	1.358	1.420	1.319	1.335	1.356	2.4
2,4,5-Trichlorophenol		0.331	0.362	0.414	0.409	0.422	0.403	10.2
1,1-Biphenyl		1.467	1.475	1.566	1.462	1.493	1.503	2.6
2-Chloronaphthalene		1.108	1.100	1.180	1.095	1.115	1.130	3.0
2-Nitroaniline		0.228	0.252	0.300	0.292	0.311	0.289	12.3
Dimethylphthalate		1.351	1.349	1.459	1.358	1.417	1.399	3.3
Acenaphthylene		1.586	1.628	1.776	1.661	1.749	1.710	4.9

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.: Q1574 SAS No.: Q1574 SDG No.: Q1574
 Instrument ID: BNA_P Calibration Date(s): 03/12/2025 03/12/2025
 Calibration Time(s): 16:17 21:02

LAB FILE ID:		RRF2.5 = BP024160.D			RRF005 = BP024161.D		RRF010 = BP024162.D	
		RRF020 = BP024163.D			RRF040 = BP024164.D		RRF050 = BP024165.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2,6-Dinitrotoluene		0.248	0.266	0.303	0.294	0.312	0.294	9.4
3-Nitroaniline		0.253	0.276	0.328	0.322	0.344	0.318	12.2
Acenaphthene		1.057	1.056	1.136	1.061	1.096	1.093	3.2
2,4-Dinitrophenol			0.108	0.146	0.160	0.179	0.156	20.0
4-Nitrophenol		0.187	0.218	0.271	0.277	0.299	0.266	17.4
Dibenzofuran		1.759	1.751	1.835	1.711	1.768	1.770	2.2
2,4-Dinitrotoluene		0.295	0.334	0.400	0.394	0.423	0.389	14.2
Diethylphthalate		1.297	1.336	1.437	1.358	1.422	1.394	4.5
4-Chlorophenyl-phenylether		0.658	0.660	0.696	0.658	0.685	0.676	2.5
Fluorene		1.309	1.343	1.442	1.345	1.407	1.379	3.4
4-Nitroaniline		0.246	0.292	0.348	0.343	0.362	0.334	14.2
4,6-Dinitro-2-methylphenol			0.085	0.111	0.120	0.127	0.119	15.9
n-Nitrosodiphenylamine		0.564	0.583	0.629	0.600	0.617	0.607	4.3
2,4,6-Tribromophenol		0.203	0.222	0.256	0.252	0.270	0.252	11.7
4-Bromophenyl-phenylether		0.206	0.207	0.222	0.217	0.224	0.220	4.6
Hexachlorobenzene		0.248	0.249	0.263	0.254	0.263	0.260	3.8
Atrazine		0.165	0.171	0.157	0.135	0.105	0.147	18.5
Pentachlorophenol		0.121	0.140	0.166	0.177	0.184	0.168	16.6
Phenanthrene		1.068	1.059	1.126	1.083	1.100	1.093	2.2
Anthracene		0.993	1.012	1.101	1.063	1.092	1.064	4.2
Carbazole		0.920	0.975	1.060	1.041	1.060	1.026	5.5
Di-n-butylphthalate		1.026	1.121	1.247	1.260	1.272	1.218	8.6
Fluoranthene		1.173	1.220	1.287	1.264	1.305	1.265	4.1
Pyrene		1.177	1.190	1.299	1.204	1.266	1.243	4.1
Terphenyl-d14		0.967	0.973	1.033	0.948	0.966	0.969	3.4
Butylbenzylphthalate		0.399	0.441	0.513	0.524	0.554	0.513	13.5
3,3-Dichlorobenzidine		0.340	0.369	0.429	0.428	0.434	0.417	10.9
Benzo (a) anthracene		1.194	1.194	1.291	1.208	1.261	1.243	3.5
Chrysene		1.185	1.159	1.224	1.158	1.212	1.195	2.4
Bis (2-ethylhexyl) phthalate		0.613	0.678	0.784	0.792	0.819	0.774	12.3
Di-n-octyl phthalate		0.922	1.033	1.224	1.272	1.357	1.240	16.0
Benzo (b) fluoranthene		1.103	1.116	1.258	1.190	1.244	1.206	5.9
Benzo (k) fluoranthene		1.092	1.136	1.213	1.130	1.203	1.180	5.1
Benzo (a) pyrene		0.953	0.959	1.065	1.029	1.094	1.049	6.8
Indeno (1,2,3-cd) pyrene		1.274	1.289	1.421	1.366	1.442	1.396	6.4

All other compounds must meet a minimum RRF of 0.010.



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.: Q1574 SAS No.: Q1574 SDG No.: Q1574
 Instrument ID: BNA_P Calibration Date(s): 03/12/2025 03/12/2025
 Calibration Time(s): 16:17 21:02

LAB FILE ID:		RRF2.5 = BP024160.D		RRF005 = BP024161.D		RRF010 = BP024162.D		
		RRF020 = BP024163.D		RRF040 = BP024164.D		RRF050 = BP024165.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Dibenzo(a,h)anthracene		1.063	1.083	1.184	1.137	1.191	1.161	6.0
Benzo(g,h,i)perylene		1.097	1.107	1.199	1.154	1.202	1.180	5.4
1,2,4,5-Tetrachlorobenzene		0.548	0.560	0.596	0.558	0.580	0.578	4.0
1,4-Dioxane		0.503	0.499	0.518	0.469	0.496	0.497	2.9
2,3,4,6-Tetrachlorophenol		0.316	0.323	0.365	0.356	0.371	0.356	7.5

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
 Method File : 8270E-BP031225.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Thu Mar 13 05:55:58 2025
 Response Via : Initial Calibration

Calibration Files

2.5 =BP024160.D 5 =BP024161.D 10 =BP024162.D 20 =BP024163.D 40 =BP024164.D 50 =BP024165.D 60 =BP024166.D 80 =BP024167.D

	Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane	0.503	0.499	0.518	0.469	0.496	0.498	0.493	0.497	2.93	
3)	Pyridine	1.296	1.269	1.406	1.311	1.396	1.398	1.429	1.358	4.69	
4)	n-Nitrosodimet...	0.444	0.436	0.476	0.431	0.461	0.466	0.461	0.454	3.66	
5) S	2-Fluorophenol	1.158	1.194	1.307	1.211	1.291	1.307	1.303	1.253	5.06	
6)	Aniline	1.508	1.531	1.656	1.484	1.548	1.512	1.447	1.527	4.31	
7) S	Phenol-d6	1.518	1.581	1.747	1.631	1.749	1.754	1.748	1.675	5.86	
8)	2-Chlorophenol	1.257	1.310	1.413	1.306	1.391	1.400	1.397	1.353	4.52	
9)	Benzaldehyde	0.971	0.949	0.930	0.780	0.751	0.702	0.577	0.809	18.20	
10) C	Phenol	1.579	1.632	1.754	1.628	1.744	1.752	1.751	1.691	4.46	
11)	bis(2-Chloroet...	1.286	1.317	1.407	1.273	1.341	1.358	1.356	1.334	3.45	
12)	1,3-Dichlorobe...	1.466	1.448	1.522	1.387	1.477	1.471	1.445	1.459	2.79	
13) C	1,4-Dichlorobe...	1.507	1.474	1.562	1.413	1.493	1.503	1.479	1.490	3.01	
14)	1,2-Dichlorobe...	1.446	1.426	1.494	1.358	1.435	1.440	1.411	1.430	2.85	
15)	Benzyl Alcohol	0.934	0.966	1.096	1.042	1.122	1.126	1.139	1.061	7.77	
16)	2,2'-oxybis(1-...	1.374	1.367	1.434	1.293	1.365	1.362	1.336	1.361	3.11	
17)	2-Methylphenol	0.932	0.997	1.120	1.038	1.116	1.113	1.109	1.061	6.96	
18)	Hexachloroethane	0.533	0.512	0.547	0.508	0.533	0.538	0.529	0.529	2.67	
19) P	n-Nitroso-di-n...	0.869	0.910	0.956	1.048	0.962	1.026	1.007	0.997	0.972	6.18
20)	3+4-Methylphenols	1.265	1.360	1.530	1.433	1.547	1.530	1.534	1.457	7.50	
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone	0.483	0.490	0.531	0.496	0.508	0.519	0.512	0.506	3.37	
23) S	Nitrobenzene-d5	0.330	0.338	0.366	0.351	0.362	0.368	0.367	0.354	4.34	
24)	Nitrobenzene	0.330	0.336	0.362	0.341	0.355	0.363	0.361	0.350	3.88	
25)	Isophorone	0.532	0.562	0.631	0.602	0.635	0.642	0.649	0.608	7.33	
26) C	2-Nitrophenol	0.126	0.141	0.167	0.171	0.182	0.189	0.192	0.167	14.92	
27)	2,4-Dimethylph...	0.186	0.198	0.220	0.215	0.223	0.229	0.232	0.215	7.94	
28)	bis(2-Chloroet...	0.414	0.418	0.438	0.418	0.429	0.437	0.439	0.427	2.55	
29) C	2,4-Dichloroph...	0.237	0.263	0.298	0.296	0.306	0.314	0.319	0.291	10.21	
30)	1,2,4-Trichlor...	0.310	0.312	0.329	0.312	0.322	0.331	0.331	0.321	2.94	
31)	Naphthalene	1.041	1.037	1.099	1.029	1.069	1.078	1.069	1.060	2.38	
32)	Benzoic acid		0.148	0.190	0.218	0.239	0.252		0.209	19.82	
33)	4-Chloroaniline	0.344	0.356	0.397	0.377	0.394	0.389	0.398	0.379	5.63	
34) C	Hexachlorobuta...	0.177	0.178	0.187	0.180	0.187	0.192	0.191	0.185	3.36	
35)	Caprolactam	0.072	0.079	0.097	0.097	0.107	0.104	0.111	0.095	15.56	
36) C	4-Chloro-3-met...	0.261	0.283	0.324	0.314	0.333	0.332	0.348	0.313	9.83	
37)	2-Methylnaphth...	0.689	0.684	0.737	0.704	0.731	0.734	0.735	0.716	3.27	
38)	1-Methylnaphth...	0.674	0.673	0.728	0.673	0.704	0.705	0.720	0.697	3.32	

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
 Method File : 8270E-BP031225.M

39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.548	0.560	0.596	0.558	0.580	0.608	0.596	0.578	3.98	
41) P	Hexachlorocycl...	0.169	0.189	0.214	0.212	0.220	0.234	0.222	0.208	10.65	
42) S	2,4,6-Tribromo...	0.203	0.222	0.256	0.252	0.270	0.275	0.285	0.252	11.69	
43) C	2,4,6-Trichlor...	0.291	0.324	0.379	0.372	0.391	0.409	0.406	0.367	11.98	
44)	2,4,5-Trichlor...	0.331	0.362	0.414	0.409	0.422	0.439	0.443	0.403	10.23	
45) S	2-Fluorobiphenyl	1.364	1.358	1.420	1.319	1.335	1.367	1.332	1.356	2.44	
46)	1,1'-Biphenyl	1.467	1.475	1.566	1.462	1.493	1.536	1.521	1.503	2.60	
47)	2-Chloronaphth...	1.108	1.100	1.180	1.095	1.115	1.164	1.152	1.130	3.01	
48)	2-Nitroaniline	0.228	0.252	0.300	0.292	0.311	0.317	0.324	0.289	12.34	
49)	Acenaphthylene	1.586	1.628	1.776	1.661	1.749	1.789	1.784	1.710	4.91	
50)	Dimethylphthalate	1.351	1.349	1.459	1.358	1.417	1.424	1.439	1.399	3.27	
51)	2,6-Dinitrotol...	0.248	0.266	0.303	0.294	0.312	0.316	0.322	0.294	9.40	
52) C	Acenaphthene	1.057	1.056	1.136	1.061	1.096	1.123	1.121	1.093	3.18	
53)	3-Nitroaniline	0.253	0.276	0.328	0.322	0.344	0.343	0.359	0.318	12.24	
54) P	2,4-Dinitrophenol		0.108	0.146	0.160	0.179	0.186		0.156	19.97	
55)	Dibenzofuran	1.759	1.751	1.835	1.711	1.768	1.799	1.769	1.770	2.18	
56) P	4-Nitrophenol	0.187	0.218	0.271	0.277	0.299	0.296	0.312	0.266	17.41	
57)	2,4-Dinitrotol...	0.295	0.334	0.400	0.394	0.423	0.431	0.446	0.389	14.19	
58)	Fluorene	1.309	1.343	1.442	1.345	1.407	1.407	1.402	1.379	3.43	
59)	2,3,4,6-Tetrac...	0.316	0.323	0.365	0.356	0.371	0.376	0.386	0.356	7.54	
60)	Diethylphthalate	1.297	1.336	1.437	1.358	1.422	1.435	1.469	1.394	4.53	
61)	4-Chlorophenyl...	0.658	0.660	0.696	0.658	0.685	0.689	0.690	0.676	2.53	
62)	4-Nitroaniline	0.246	0.292	0.348	0.343	0.362	0.365	0.379	0.334	14.22	
63)	Azobenzene	1.215	1.251	1.369	1.291	1.341	1.363	1.365	1.314	4.73	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...		0.085	0.111	0.120	0.127	0.132	0.137	0.119	15.85	
66) c	n-Nitrosodiphe...	0.564	0.583	0.629	0.600	0.617	0.632	0.626	0.607	4.27	
67)	4-Bromophenyl-...	0.206	0.207	0.222	0.217	0.224	0.229	0.231	0.220	4.60	
68)	Hexachlorobenzene	0.248	0.249	0.263	0.254	0.263	0.270	0.272	0.260	3.76	
69)	Atrazine	0.165	0.171	0.157	0.135	0.105			0.147	18.49	
70) C	Pentachlorophenol	0.121	0.140	0.166	0.177	0.184	0.190	0.197	0.168	16.61	
71)	Phenanthrene	1.068	1.059	1.126	1.083	1.100	1.111	1.102	1.093	2.19	
72)	Anthracene	0.993	1.012	1.101	1.063	1.092	1.090	1.098	1.064	4.16	
73)	Carbazole	0.920	0.975	1.060	1.041	1.060	1.061	1.066	1.026	5.50	
74)	Di-n-butylphth...	1.026	1.121	1.247	1.260	1.272	1.297	1.304	1.218	8.57	
75) C	Fluoranthene	1.173	1.220	1.287	1.264	1.305	1.298	1.312	1.265	4.07	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.222	0.199	0.178	0.258	0.173	0.278	0.222	0.219	17.88	
78)	Pyrene	1.177	1.190	1.299	1.204	1.266	1.293	1.274	1.243	4.12	
79) S	Terphenyl-d14	0.967	0.973	1.033	0.948	0.966	0.971	0.924	0.969	3.45	
80)	Butylbenzylpht...	0.399	0.441	0.513	0.524	0.554	0.581	0.576	0.513	13.49	
81)	Benzo(a)anthra...	1.194	1.194	1.291	1.208	1.261	1.285	1.271	1.243	3.47	
82)	3,3'-Dichlorob...	0.340	0.369	0.429	0.428	0.434	0.467	0.450	0.417	10.94	
83)	Chrysene	1.185	1.159	1.224	1.158	1.212	1.220	1.209	1.195	2.36	
84)	Bis(2-ethylhex...	0.613	0.678	0.784	0.792	0.819	0.878	0.851	0.774	12.30	
85) c	Di-n-octyl pht...	0.922	1.033	1.224	1.272	1.357	1.435	1.433	1.240	15.95	

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP031225.M

86) I	Perylene-d12	-----ISTD-----								
87)	Indeno(1,2,3-c...	1.274	1.289	1.421	1.366	1.442	1.479	1.499	1.396	6.38
88)	Benzo(b)fluora...	1.103	1.116	1.258	1.190	1.244	1.266	1.264	1.206	5.85
89)	Benzo(k)fluora...	1.092	1.136	1.213	1.130	1.203	1.251	1.232	1.180	5.07
90) C	Benzo(a)pyrene	0.953	0.959	1.065	1.029	1.094	1.119	1.122	1.049	6.77
91)	Dibenzo(a,h)an...	1.063	1.083	1.184	1.137	1.191	1.226	1.244	1.161	5.97
92)	Benzo(g,h,i)pe...	1.097	1.107	1.199	1.154	1.202	1.246	1.259	1.180	5.39

(#) = Out of Range

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024160.D
Acq On : 12 Mar 2025 16:17
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Mar 13 04:04:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:01:12 2025
Response via : Initial Calibration

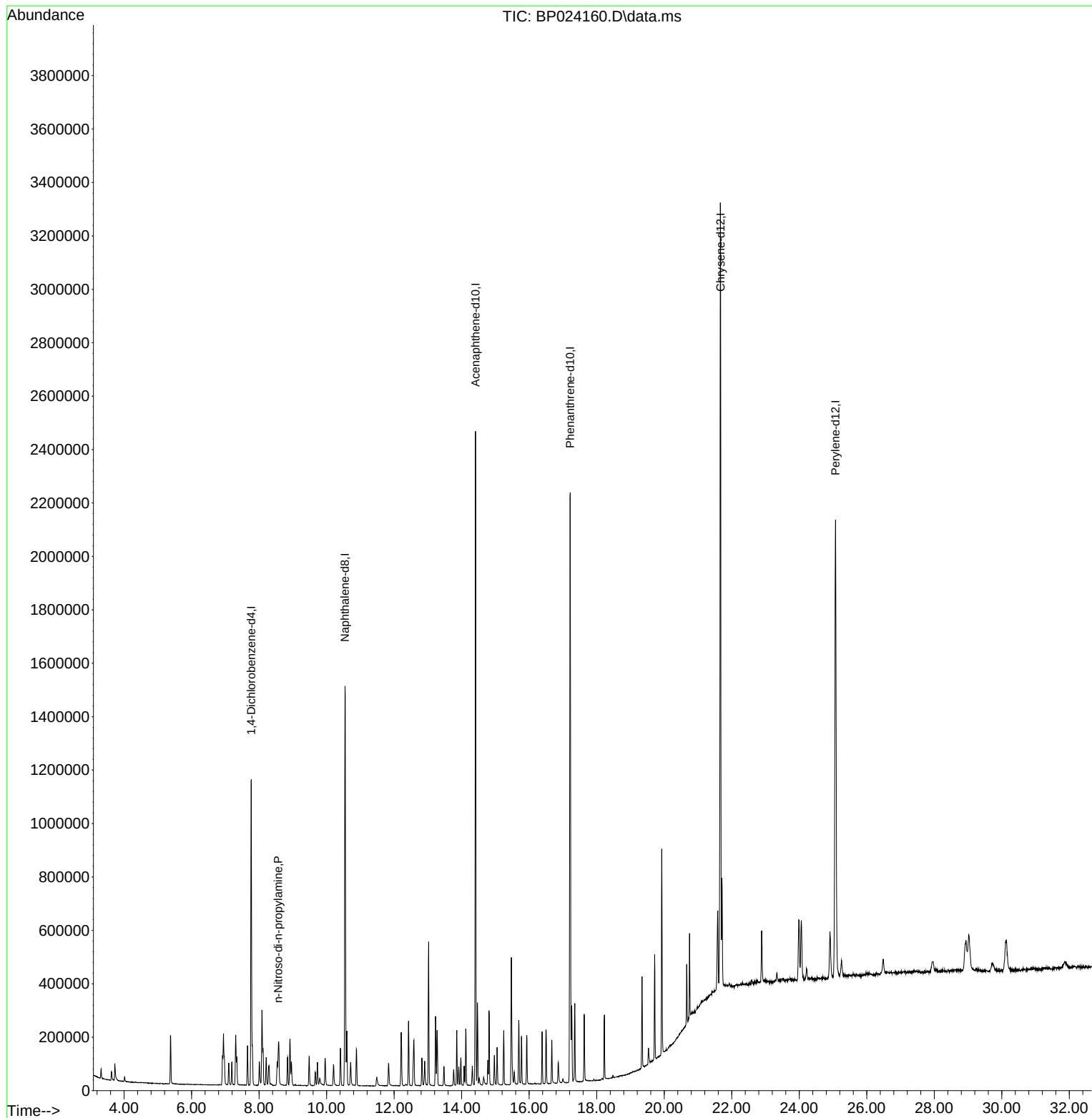
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	323931	20.000	ng	0.00
21) Naphthalene-d8	10.546	136	1324397	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	805172	20.000	ng	0.00
64) Phenanthrene-d10	17.216	188	1551813	20.000	ng	0.01
76) Chrysene-d12	21.669	240	1615554	20.000	ng	0.01
86) Perylene-d12	25.074	264	1740877	20.000	ng	0.02
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...	8.569	70	35203	2.454	ng	98

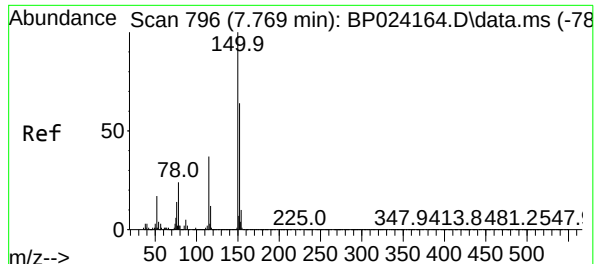
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024160.D
Acq On : 12 Mar 2025 16:17
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Mar 13 04:04:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:01:12 2025
Response via : Initial Calibration

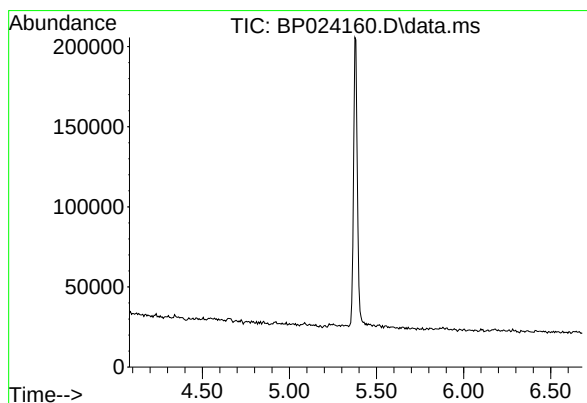
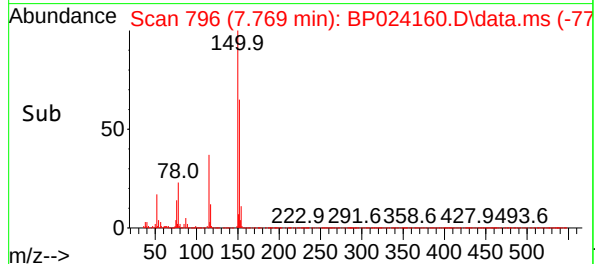
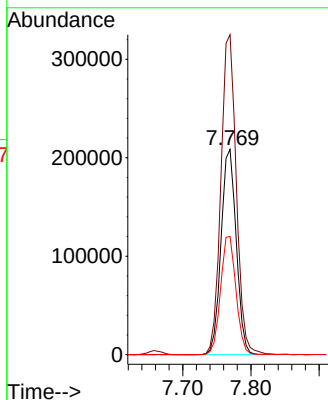
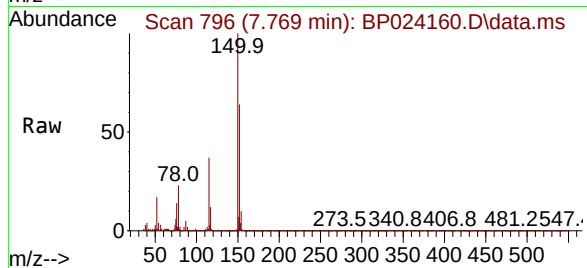




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 796
Delta R.T. 0.000 min
Lab File: BP024160.D
Acq: 12 Mar 2025 16:17

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

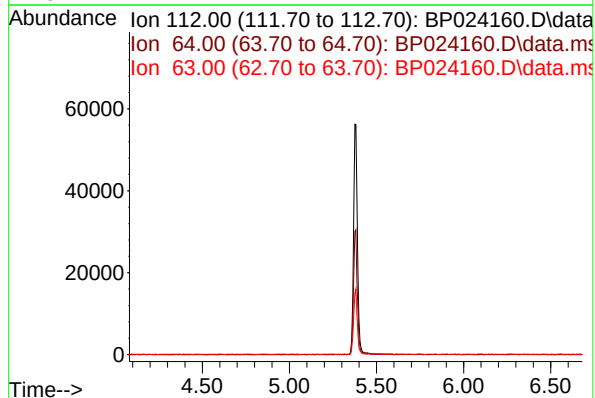
Tgt Ion:152 Resp: 323931
Ion Ratio Lower Upper
152 100
150 155.9 125.5 188.3
115 57.6 46.3 69.5

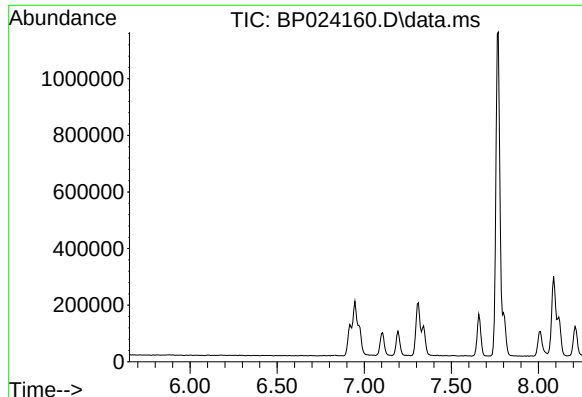


#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.38 min

Lab File: BP024160.D
Acq: 12 Mar 2025 16:17

Tgt Ion: 112
Sig Exp Ratio
112 100
64 51.6
63 25.8





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.95 min

Lab File: BP024160.D

Acq: 12 Mar 2025 16:17

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5

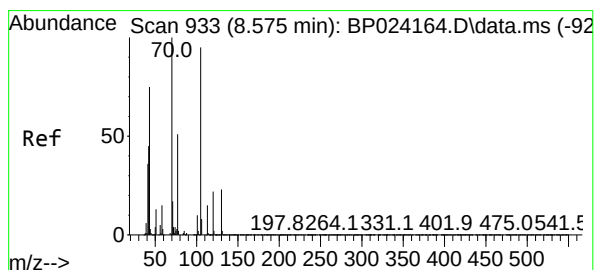
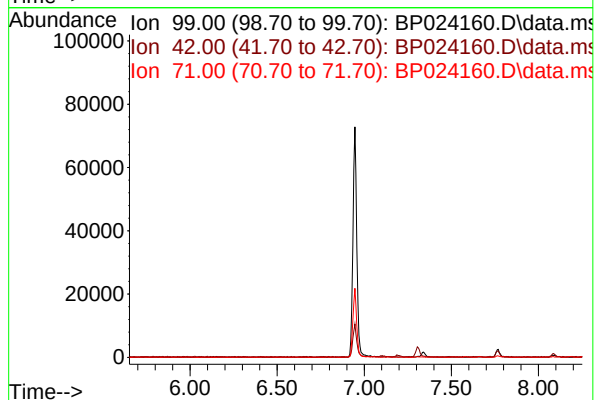
Tgt Ion: 99

Sig Exp Ratio

99 100

42 13.3

71 29.1



#19

n-Nitroso-di-n-propylamine

Concen: 2.454 ng

RT: 8.569 min Scan# 932

Delta R.T. -0.006 min

Lab File: BP024160.D

Acq: 12 Mar 2025 16:17

Tgt Ion: 70 Resp: 35203

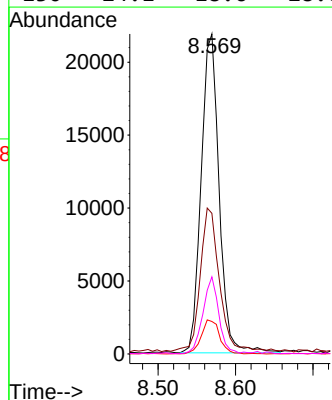
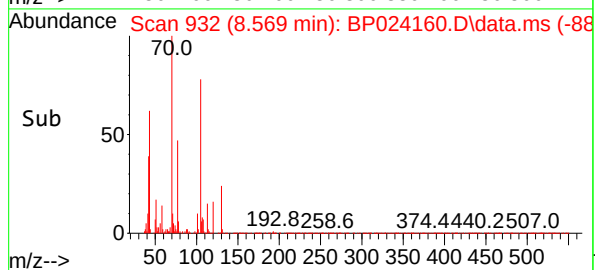
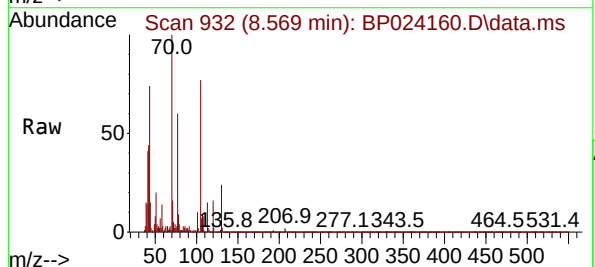
Ion Ratio Lower Upper

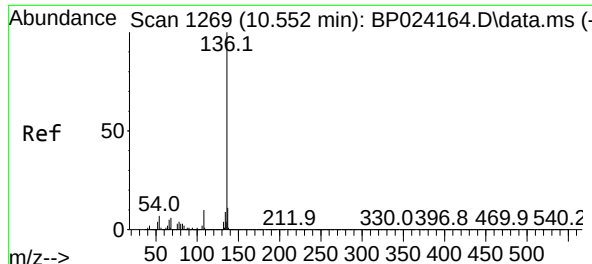
70 100

42 43.9 36.0 54.0

101 10.2 8.3 12.5

130 24.1 18.6 28.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.546 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024160.D

Acq: 12 Mar 2025 16:17

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5

Tgt Ion:136 Resp: 1324397

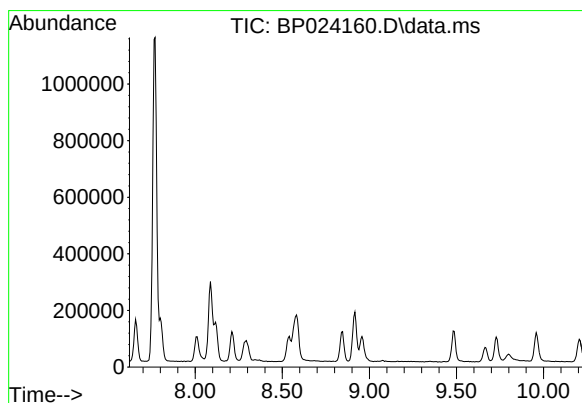
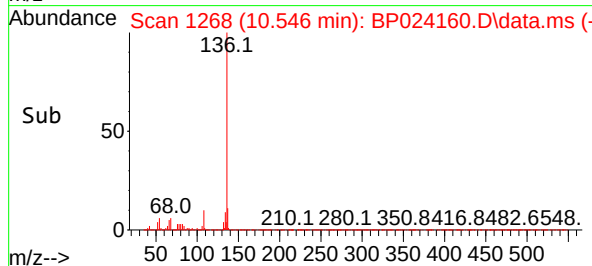
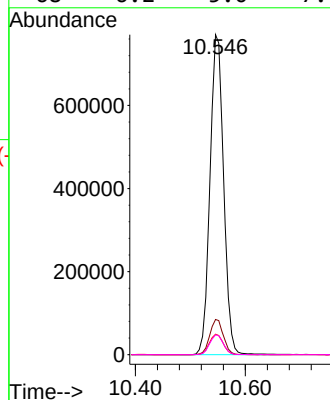
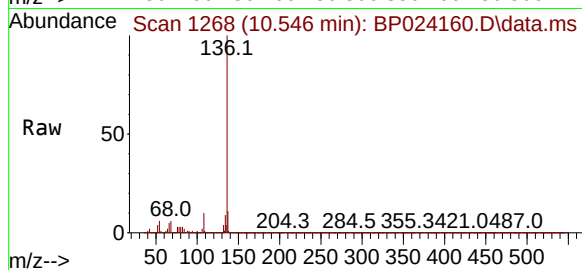
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 6.4 5.3 7.9

68 6.2 5.0 7.4



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 8.92 min

Lab File: BP024160.D

Acq: 12 Mar 2025 16:17

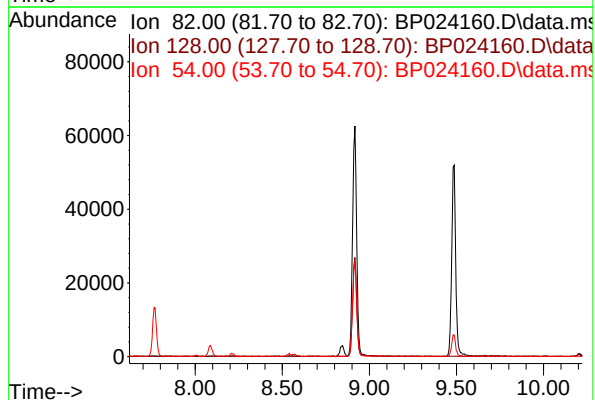
Tgt Ion: 82

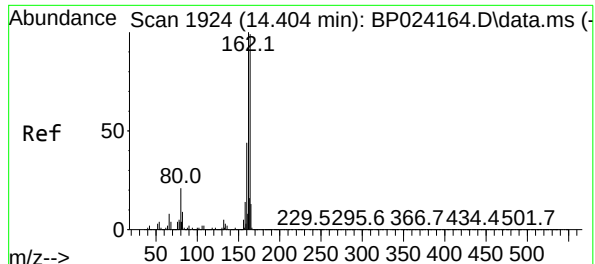
Sig Exp Ratio

82 100

128 46.7

54 40.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.410 min Scan# 1925

Delta R.T. 0.006 min

Lab File: BP024160.D

Acq: 12 Mar 2025 16:17

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5

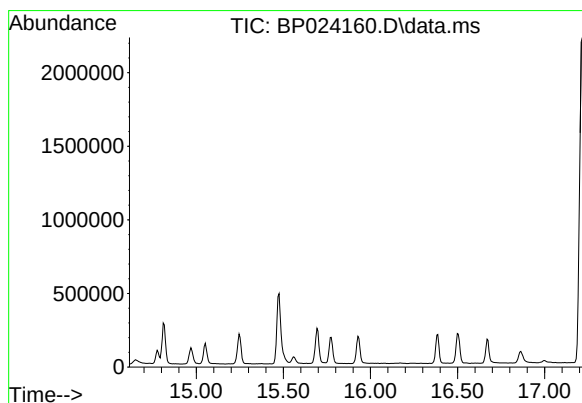
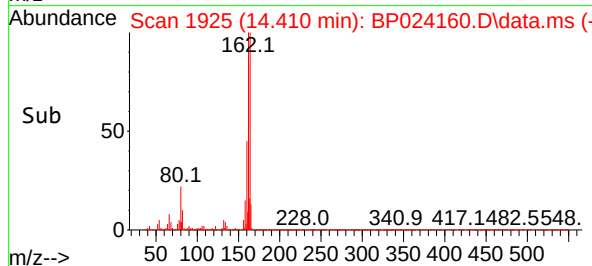
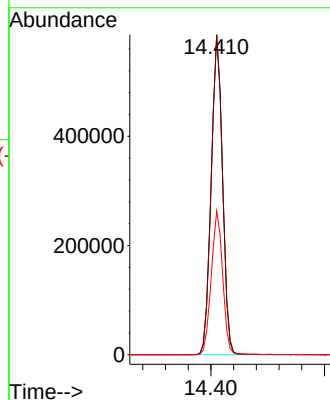
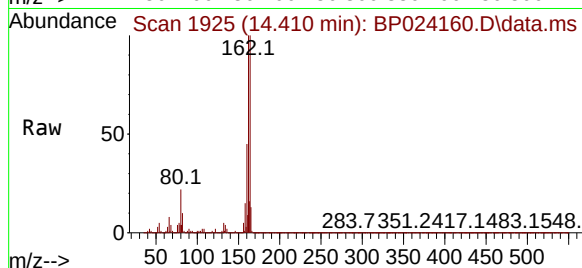
Tgt Ion:164 Resp: 805172

Ion Ratio Lower Upper

164 100

162 100.1 80.6 121.0

160 44.9 35.4 53.2



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 15.92 min

Lab File: BP024160.D

Acq: 12 Mar 2025 16:17

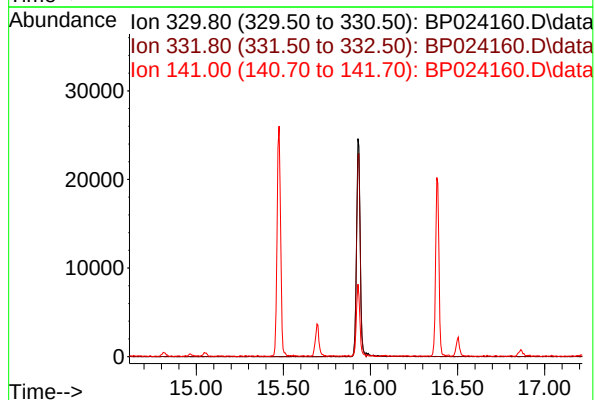
Tgt Ion: 330

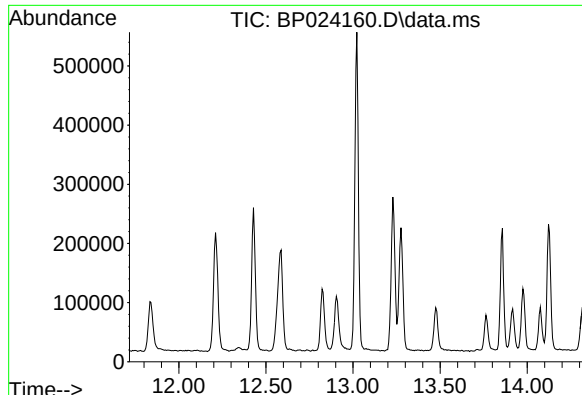
Sig Exp Ratio

330 100

332 97.0

141 31.3

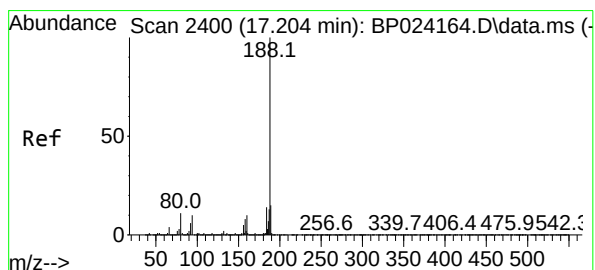
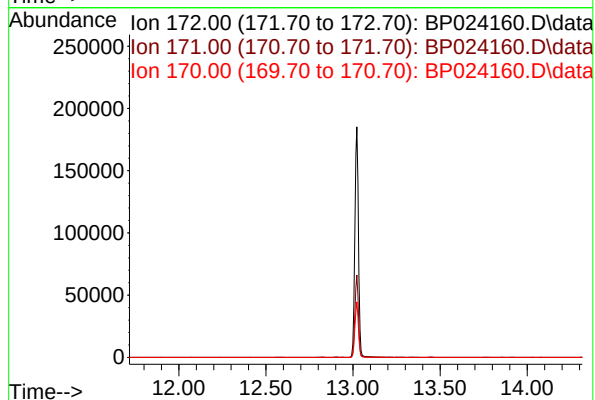




#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 13.02 min
Lab File: BP024160.D
Acq: 12 Mar 2025 16:17

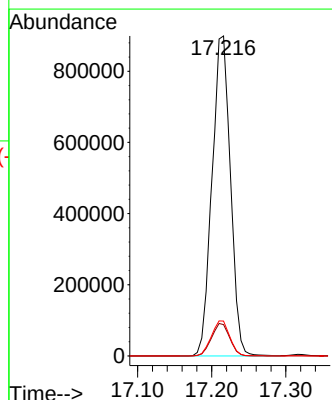
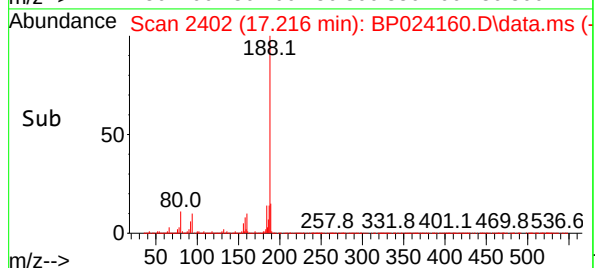
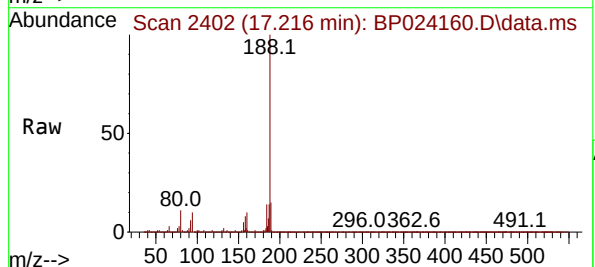
Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

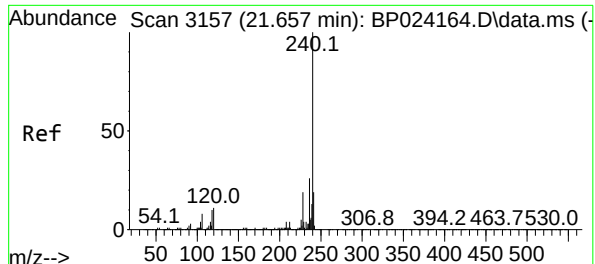
Tgt Ion: 172
Sig Exp Ratio
172 100
171 35.4
170 23.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.216 min Scan# 2402
Delta R.T. 0.012 min
Lab File: BP024160.D
Acq: 12 Mar 2025 16:17

Tgt Ion:188 Resp: 1551813
Ion Ratio Lower Upper
188 100
94 9.8 8.1 12.1
80 10.9 8.9 13.3

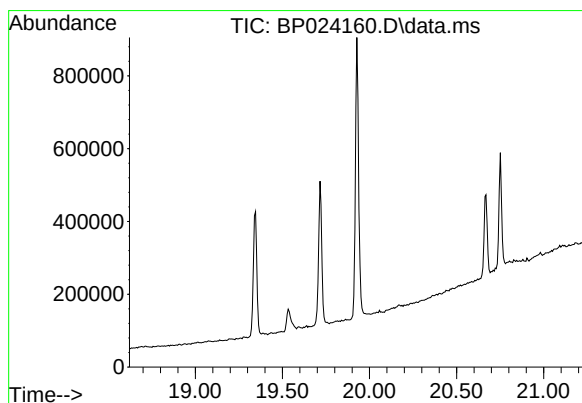
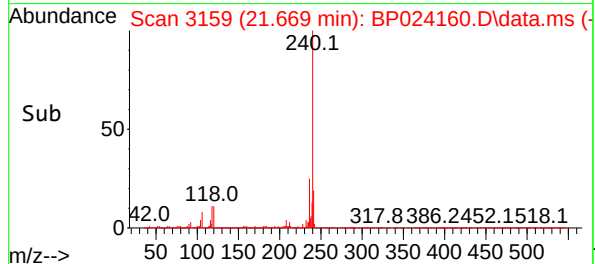
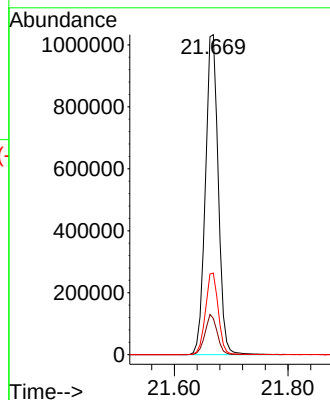
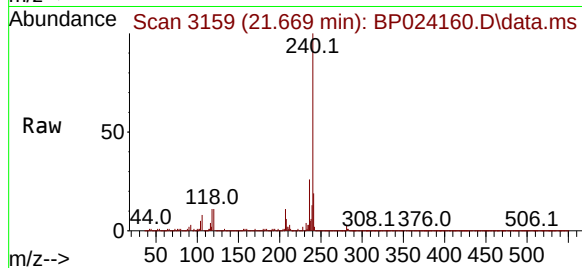




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.669 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP024160.D
Acq: 12 Mar 2025 16:17

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

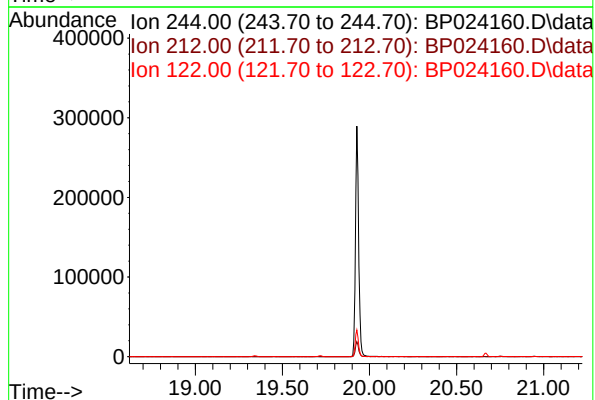
Tgt Ion:240 Resp: 1615554
Ion Ratio Lower Upper
240 100
120 11.3 9.2 13.8
236 25.5 20.4 30.6

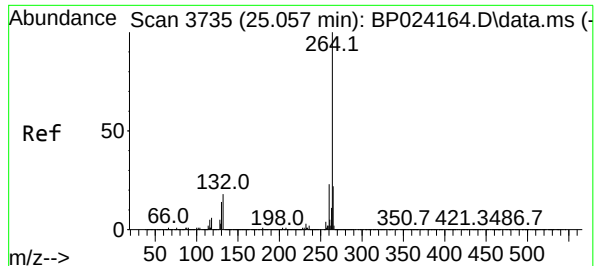


#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.92 min

Lab File: BP024160.D
Acq: 12 Mar 2025 16:17

Tgt Ion: 244
Sig Exp Ratio
244 100
212 7.1
122 12.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.074 min Scan# 31

Delta R.T. 0.018 min

Lab File: BP024160.D

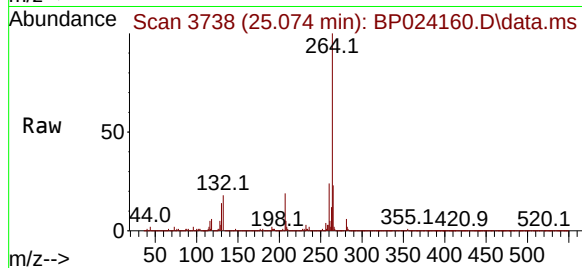
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Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5



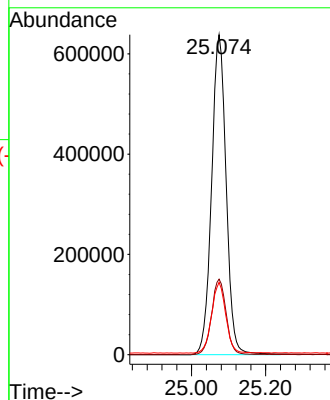
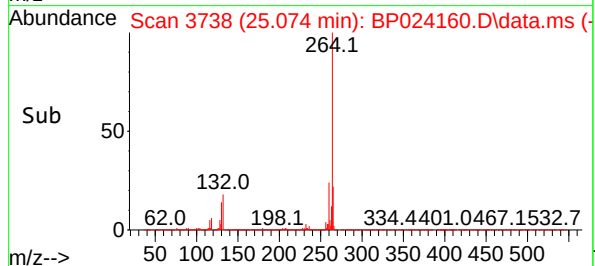
Tgt Ion:264 Resp: 1740877

Ion Ratio Lower Upper

264 100

260 23.6 18.5 27.7

265 22.6 17.7 26.5



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
 Data File : BP024161.D
 Acq On : 12 Mar 2025 16:57
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC005

Quant Time: Mar 13 04:05:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 04:01:12 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	318045	20.000	ng	0.00
21) Naphthalene-d8	10.552	136	1309940	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	799469	20.000	ng	0.00
64) Phenanthrene-d10	17.222	188	1516956	20.000	ng	0.02
76) Chrysene-d12	21.669	240	1578855	20.000	ng	0.01
86) Perylene-d12	25.080	264	1694453	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	184089	9.032	ng	0.00
7) Phenol-d6	6.952	99	241350	9.213	ng	0.00
23) Nitrobenzene-d5	8.916	82	216074	9.202	ng	0.00
42) 2,4,6-Tribromophenol	15.934	330	81159	8.288	ng	0.02
45) 2-Fluorobiphenyl	13.016	172	545120	9.532	ng	0.00
79) Terphenyl-d14	19.951	244	763023	9.563	ng	0.03
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.323	88	40006	5.003	ng	97
3) Pyridine	3.723	79	103023	4.956	ng	97
4) n-Nitrosodimethylamine	3.628	42	35306	4.788	ng	# 92
6) Aniline	7.105	93	119908	4.998	ng	100
8) 2-Chlorophenol	7.340	128	99927	4.632	ng	98
9) Benzaldehyde	6.922	77	77223m	6.456	ng	
10) Phenol	6.975	94	125574	4.767	ng	98
11) bis(2-Chloroethyl)ether	7.199	93	102214	4.926	ng	98
12) 1,3-Dichlorobenzene	7.664	146	116531	4.917	ng	100
13) 1,4-Dichlorobenzene	7.805	146	119798	4.998	ng	99
14) 1,2-Dichlorobenzene	8.122	146	114960	4.998	ng	99
15) Benzyl Alcohol	8.011	79	74252	4.630	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.287	45	109209	5.422	ng	98
17) 2-Methylphenol	8.216	107	74107	4.616	ng	96
18) Hexachloroethane	8.846	117	42376	4.909	ng	96
19) n-Nitroso-di-n-propyla...	8.569	70	72383	5.139	ng	98
20) 3+4-Methylphenols	8.540	107	100588	4.606	ng	98
22) Acetophenone	8.587	105	158185	4.699	ng	# 99
24) Nitrobenzene	8.958	77	108086	4.677	ng	96
25) Isophorone	9.487	82	174338	4.540	ng	100
26) 2-Nitrophenol	9.669	139	41305	3.880	ng	98
27) 2,4-Dimethylphenol	9.734	122	60843	4.354	ng	96
28) bis(2-Chloroethoxy)met...	9.957	93	135529	4.872	ng	99
29) 2,4-Dichlorophenol	10.205	162	77653	4.072	ng	99
30) 1,2,4-Trichlorobenzene	10.416	180	101518	4.646	ng	99
31) Naphthalene	10.599	128	340918	4.840	ng	99
33) 4-Chloroaniline	10.710	127	112776	4.545	ng	98
34) Hexachlorobutadiene	10.887	225	58080	4.589	ng	97
35) Caprolactam	11.475	113	23432	4.057	ng	95
36) 4-Chloro-3-methylphenol	11.840	107	85333	4.352	ng	99
37) 2-Methylnaphthalene	12.216	142	225485	4.817	ng	100
38) 1-Methylnaphthalene	12.434	142	220784	4.848	ng	99
40) 1,2,4,5-Tetrachloroben...	12.587	216	109528	4.459	ng	99
41) Hexachlorocyclopentadiene	12.569	237	33755	3.693	ng	100
43) 2,4,6-Trichlorophenol	12.822	196	58172	3.883	ng	98
44) 2,4,5-Trichlorophenol	12.904	196	66250	4.044	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
 Data File : BP024161.D
 Acq On : 12 Mar 2025 16:57
 Operator : RC/JU
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 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC005

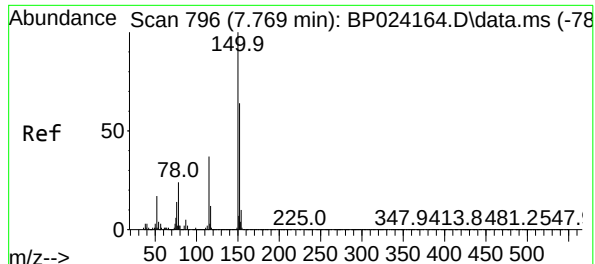
Quant Time: Mar 13 04:05:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 04:01:12 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.234	154	293289	4.721	ng	98
47) 2-Chloronaphthalene	13.275	162	221413	4.715	ng	98
48) 2-Nitroaniline	13.475	65	45667	4.117	ng	88
49) Acenaphthylene	14.128	152	316902	4.580	ng	99
50) Dimethylphthalate	13.857	163	270053	4.789	ng	100
51) 2,6-Dinitrotoluene	13.975	165	49593	4.317	ng	97
52) Acenaphthene	14.475	154	211290	4.742	ng	99
53) 3-Nitroaniline	14.310	138	50611	4.129	ng	99
55) Dibenzofuran	14.822	168	351651	4.858	ng	100
56) 4-Nitrophenol	14.645	139	37281	3.521	ng	93
57) 2,4-Dinitrotoluene	14.775	165	58882	3.946	ng	90
58) Fluorene	15.481	166	261676	4.629	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	63120	4.441	ng	98
60) Diethylphthalate	15.251	149	259242	4.631	ng	98
61) 4-Chlorophenyl-phenyle...	15.481	204	131441	4.724	ng	99
62) 4-Nitroaniline	15.498	138	49239	3.871	ng	95
63) Azobenzene	15.775	77	242768	4.628	ng	97
66) n-Nitrosodiphenylamine	15.692	169	213927	4.522	ng	99
67) 4-Bromophenyl-phenylether	16.392	248	78309	4.597	ng	93
68) Hexachlorobenzene	16.510	284	94130	4.696	ng	98
69) Atrazine	16.669	200	62551	5.152	ng	98
70) Pentachlorophenol	16.869	266	45885	3.525	ng	99
71) Phenanthrene	17.263	178	404881	4.734	ng	99
72) Anthracene	17.357	178	376601	4.595	ng	99
73) Carbazole	17.634	167	349000	4.469	ng	99
74) Di-n-butylphthalate	18.234	149	389057	4.270	ng	99
75) Fluoranthene	19.351	202	444670	4.597	ng	97
77) Benzidine	19.545	184	87777	4.562	ng	98
78) Pyrene	19.722	202	464704	4.634	ng	99
80) Butylbenzylphthalate	20.675	149	157601	4.101	ng	99
81) Benzo(a)anthracene	21.651	228	471347	4.761	ng	99
82) 3,3'-Dichlorobenzidine	21.580	252	134146	4.336	ng	99
83) Chrysene	21.722	228	467600	4.898	ng	99
84) Bis(2-ethylhexyl)phtha...	21.598	149	242048	4.153	ng	99
85) Di-n-octyl phthalate	22.898	149	363786	3.905	ng	98
87) Indeno(1,2,3-cd)pyrene	28.945	276	539523	4.476	ng	97
88) Benzo(b)fluoranthene	24.004	252	467406	4.344	ng	99
89) Benzo(k)fluoranthene	24.069	252	462653	4.417	ng	99
90) Benzo(a)pyrene	24.910	252	403692	4.421	ng	99
91) Dibenzo(a,h)anthracene	29.015	278	450461	4.444	ng	98
92) Benzo(g,h,i)perylene	30.133	276	464721	4.518	ng	99

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

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

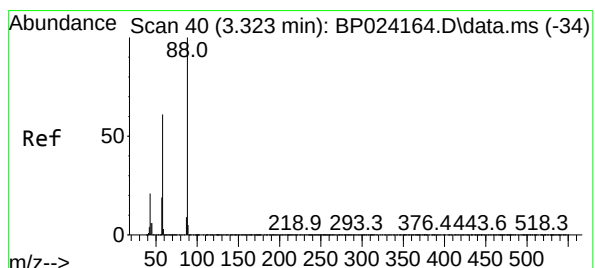
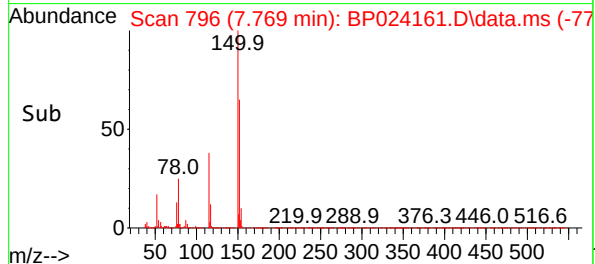
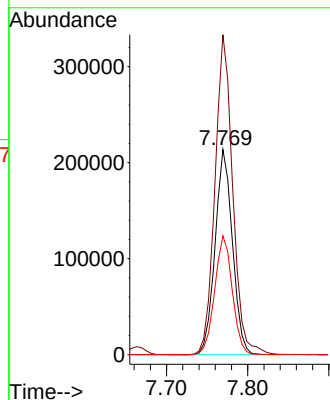
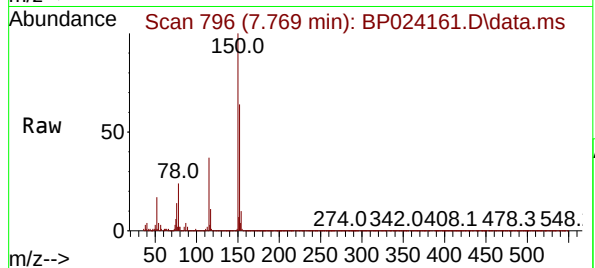
[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 796
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

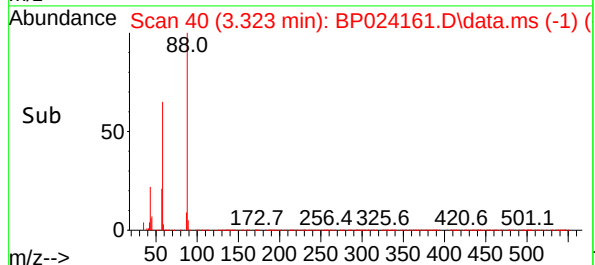
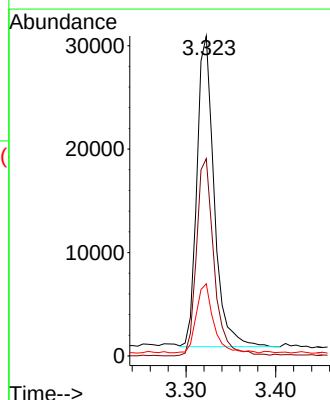
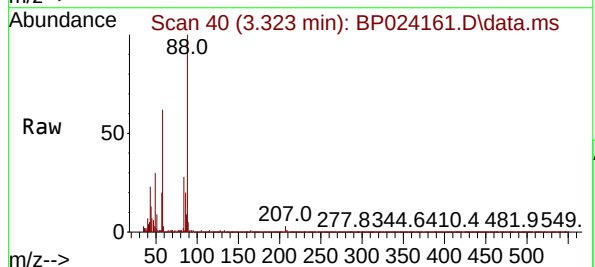
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

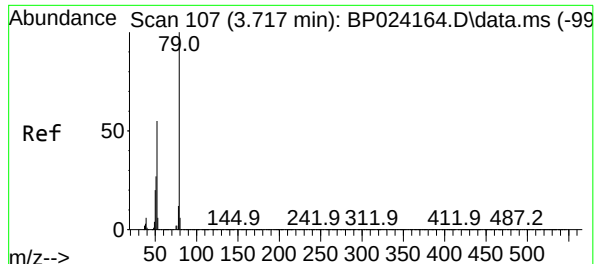
Tgt Ion:152 Resp: 318045
Ion Ratio Lower Upper
152 100
150 156.0 125.5 188.3
115 57.9 46.3 69.5



#2
1,4-Dioxane
Concen: 5.003 ng
RT: 3.323 min Scan# 40
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion: 88 Resp: 40006
Ion Ratio Lower Upper
88 100
58 64.7 49.8 74.6
43 22.3 17.3 25.9

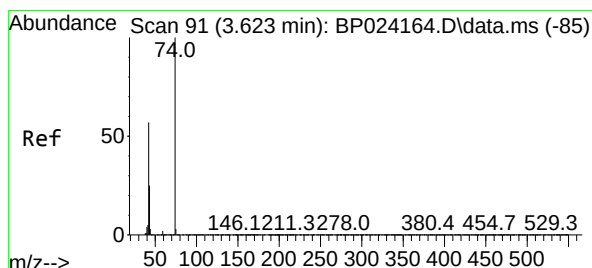
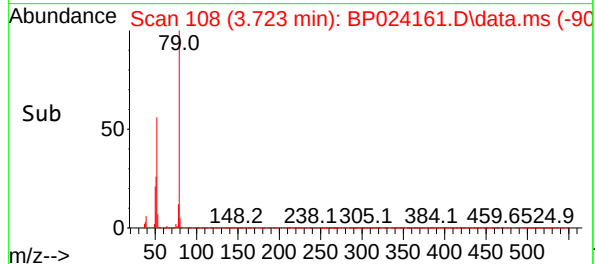
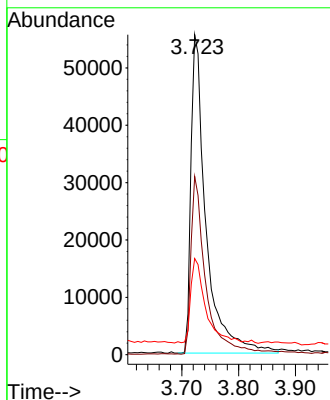
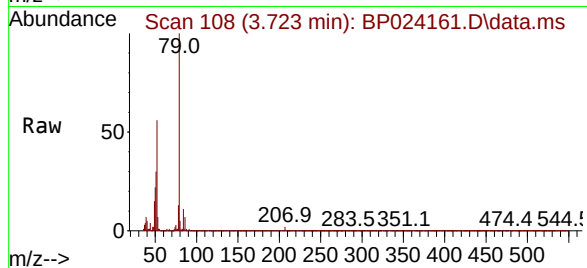




#3
Pyridine
Concen: 4.956 ng
RT: 3.723 min Scan# 107
Delta R.T. 0.006 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

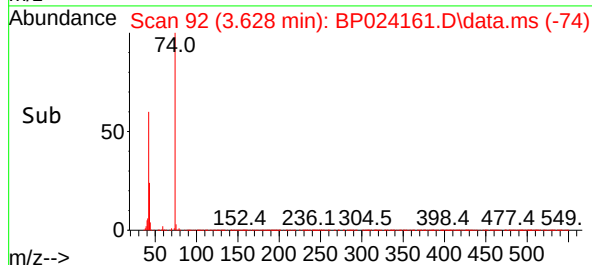
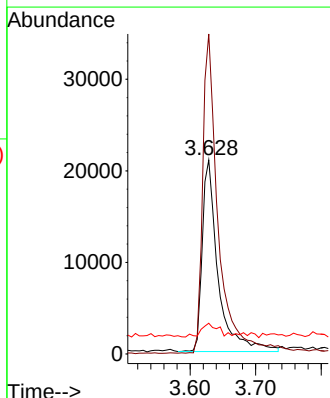
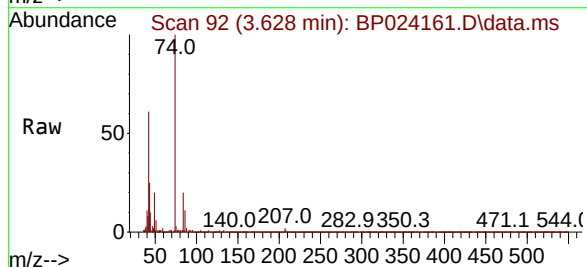
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

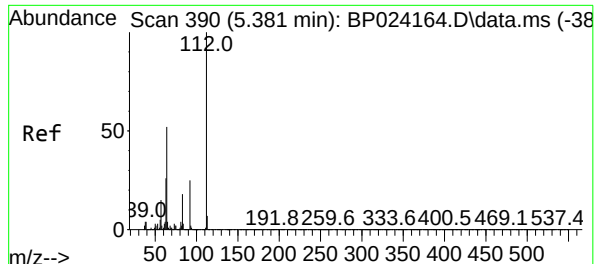
Tgt Ion: 79 Resp: 103023
Ion Ratio Lower Upper
79 100
52 55.7 43.8 65.8
51 30.1 21.6 32.4



#4
n-Nitrosodimethylamine
Concen: 4.788 ng
RT: 3.628 min Scan# 92
Delta R.T. 0.006 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion: 42 Resp: 35306
Ion Ratio Lower Upper
42 100
74 165.1 139.8 209.6
44 15.9 5.3 7.9

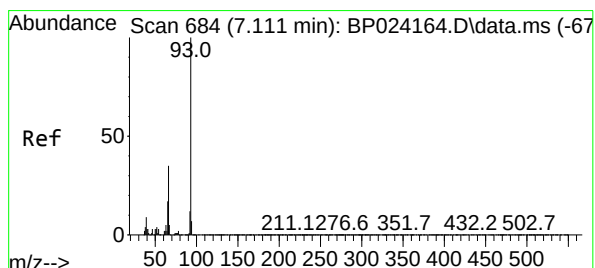
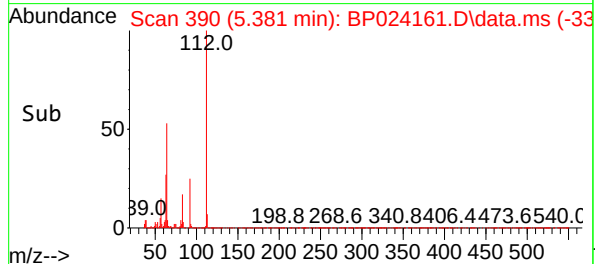
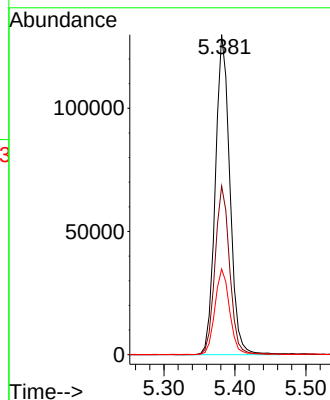
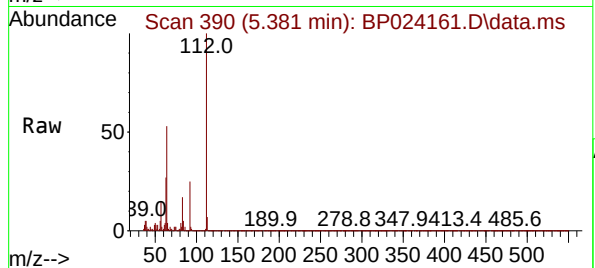




#5
2-Fluorophenol
Concen: 9.032 ng
RT: 5.381 min Scan# 390
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

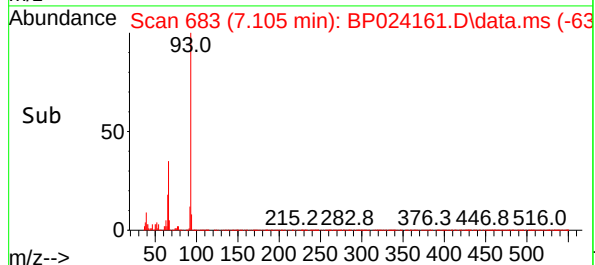
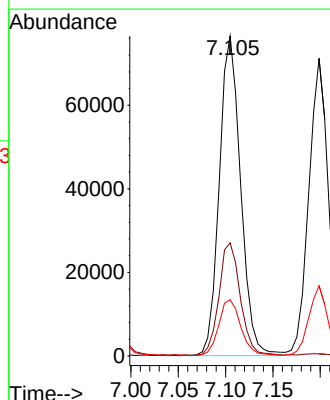
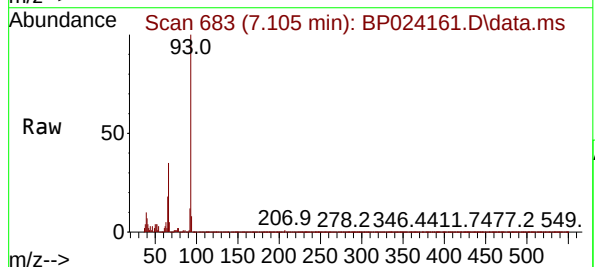
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

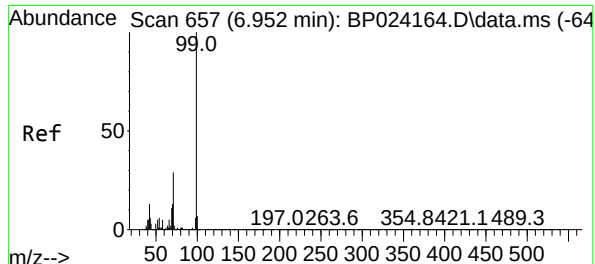
Tgt Ion:112 Resp: 184089
Ion Ratio Lower Upper
112 100
64 52.7 41.3 61.9
63 26.7 20.6 31.0



#6
Aniline
Concen: 4.998 ng
RT: 7.105 min Scan# 683
Delta R.T. -0.006 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion: 93 Resp: 119908
Ion Ratio Lower Upper
93 100
66 35.3 28.2 42.2
65 17.6 14.0 21.0

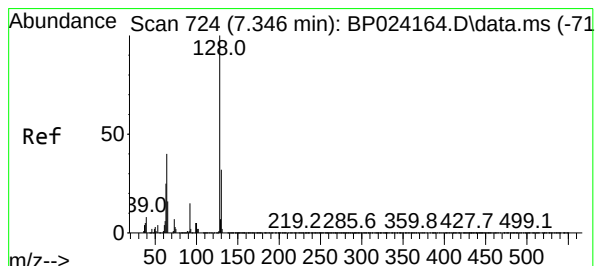
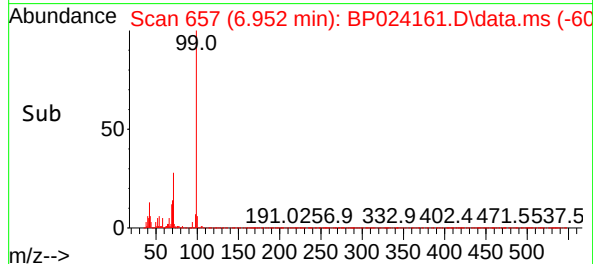
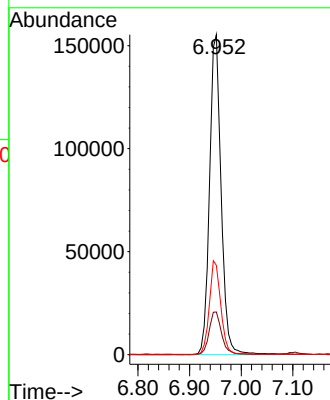
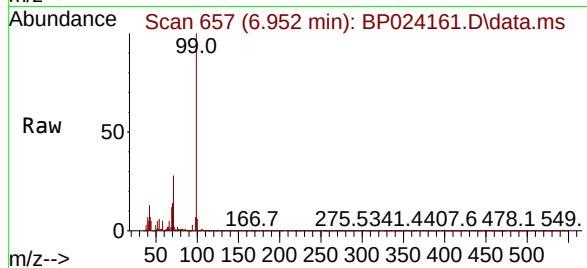




#7
Phenol-d6
Concen: 9.213 ng
RT: 6.952 min Scan# 657
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

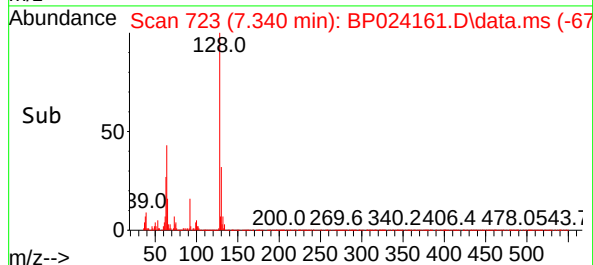
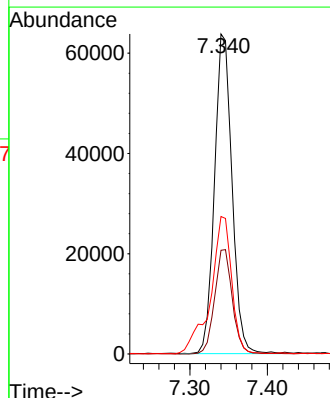
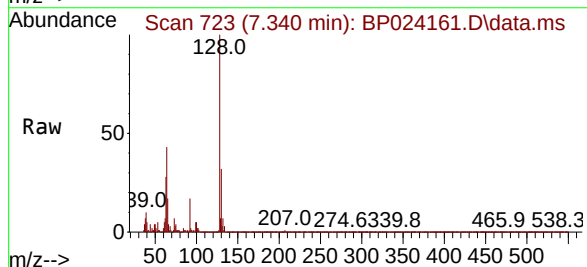
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

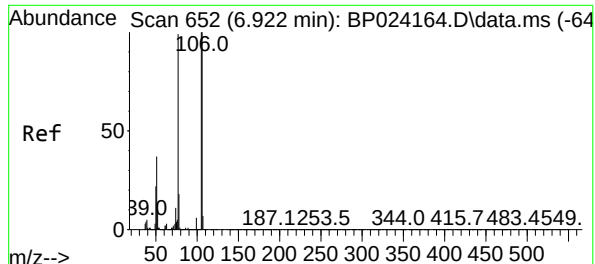
Tgt Ion: 99 Resp: 241350
Ion Ratio Lower Upper
99 100
42 13.3 10.6 16.0
71 27.9 23.3 34.9



#8
2-Chlorophenol
Concen: 4.632 ng
RT: 7.340 min Scan# 723
Delta R.T. -0.006 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion: 128 Resp: 99927
Ion Ratio Lower Upper
128 100
130 32.4 12.0 52.0
64 43.0 21.6 61.6

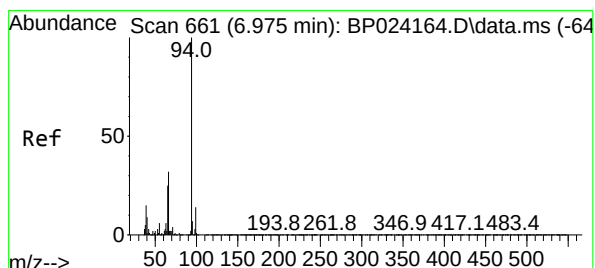
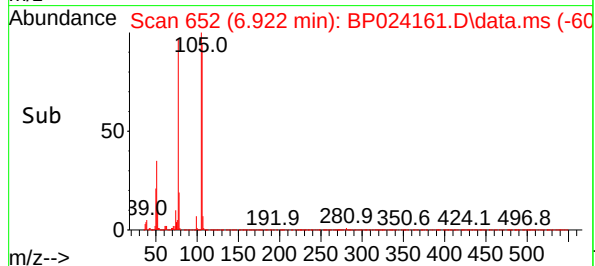
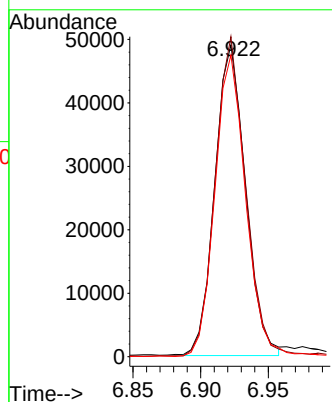
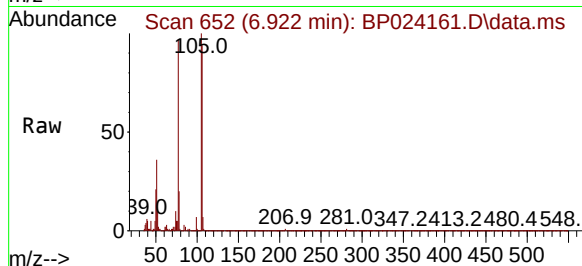




#9
Benzaldehyde
Concen: 6.456 ng m
RT: 6.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

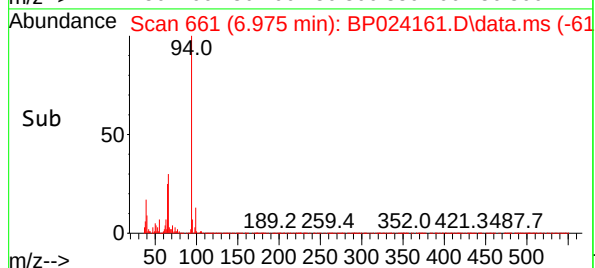
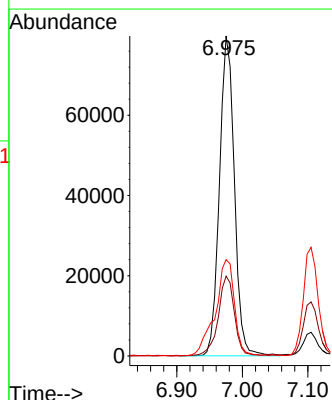
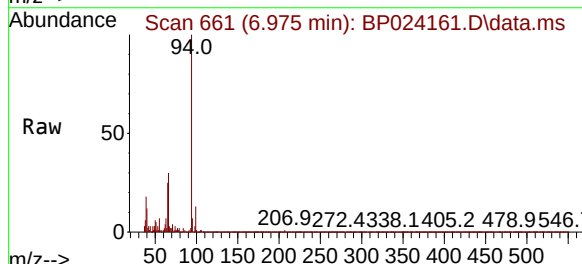
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

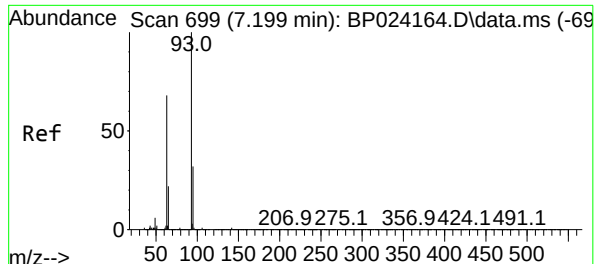
Tgt Ion: 77 Resp: 77223
Ion Ratio Lower Upper
77 100
105 102.6 81.4 121.4
106 96.7 81.1 121.1



#10
Phenol
Concen: 4.767 ng
RT: 6.975 min Scan# 661
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion: 94 Resp: 125574
Ion Ratio Lower Upper
94 100
65 24.9 4.9 44.9
66 30.1 11.9 51.9





#11

bis(2-Chloroethyl)ether

Concen: 4.926 ng

RT: 7.199 min Scan# 699

Delta R.T. 0.000 min

Lab File: BP024161.D

Acq: 12 Mar 2025 16:57

Instrument :

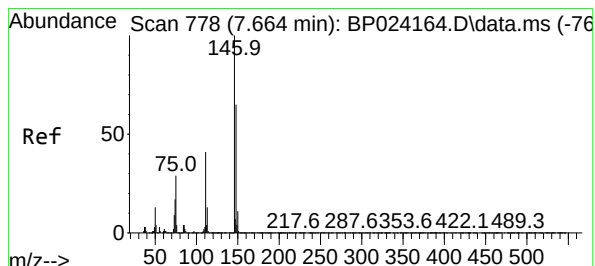
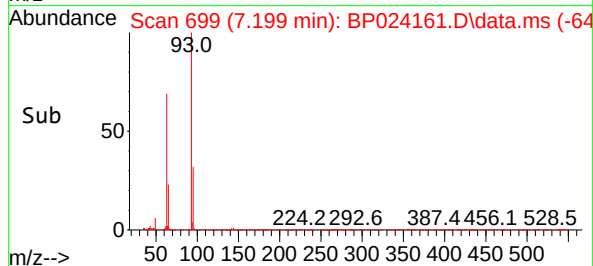
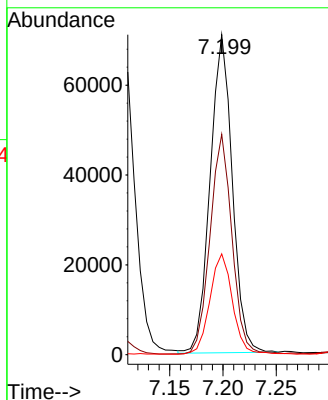
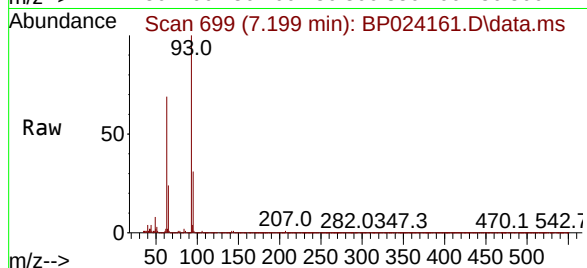
BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion: 93 Resp: 102214

Ion	Ratio	Lower	Upper
93	100		
63	68.8	47.4	87.4
95	31.5	12.1	52.1



#12

1,3-Dichlorobenzene

Concen: 4.917 ng

RT: 7.664 min Scan# 778

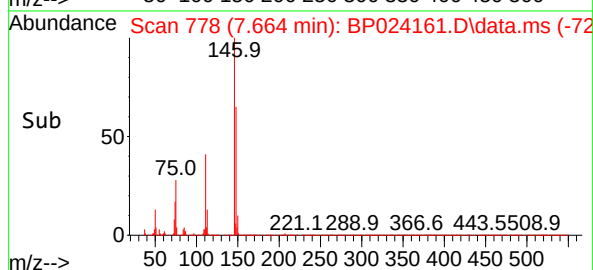
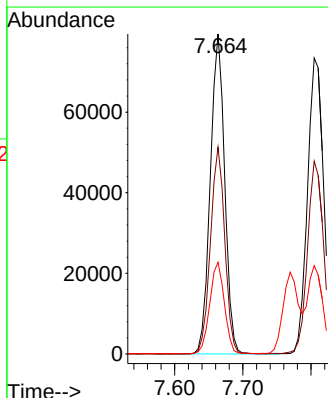
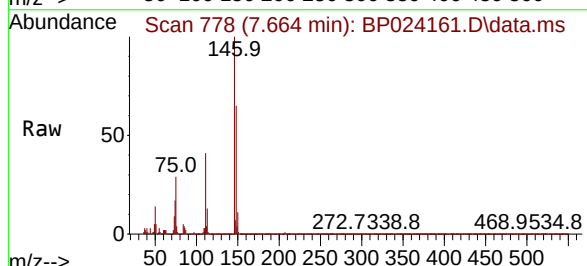
Delta R.T. 0.000 min

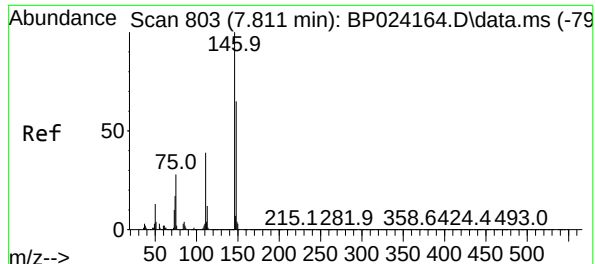
Lab File: BP024161.D

Acq: 12 Mar 2025 16:57

Tgt Ion: 146 Resp: 116531

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.6	77.4
75	28.6	22.8	34.2





#13

1,4-Dichlorobenzene

Concen: 4.998 ng

RT: 7.805 min Scan# 803

Delta R.T. -0.006 min

Lab File: BP024161.D

Acq: 12 Mar 2025 16:57

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

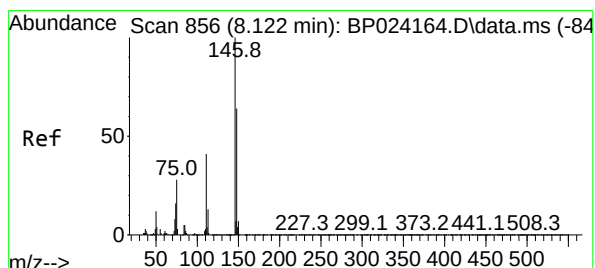
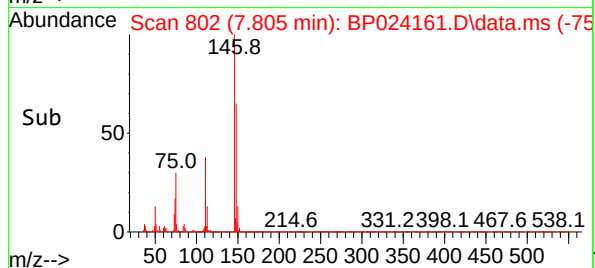
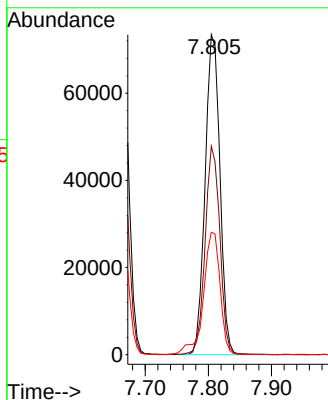
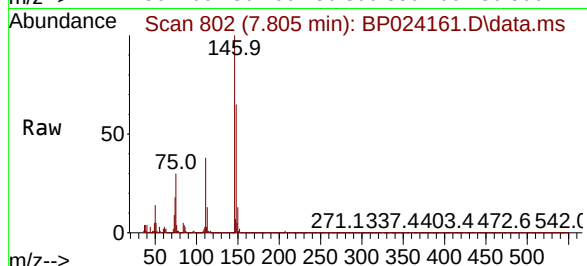
Tgt Ion:146 Resp: 119798

Ion Ratio Lower Upper

146 100

148 65.2 51.9 77.9

111 38.3 31.4 47.2



#14

1,2-Dichlorobenzene

Concen: 4.998 ng

RT: 8.122 min Scan# 856

Delta R.T. 0.000 min

Lab File: BP024161.D

Acq: 12 Mar 2025 16:57

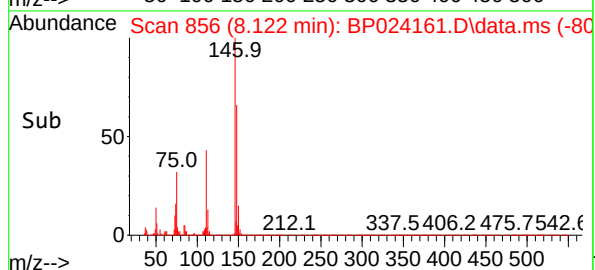
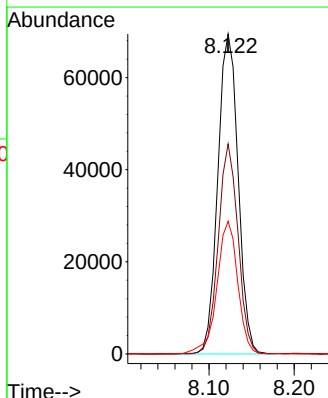
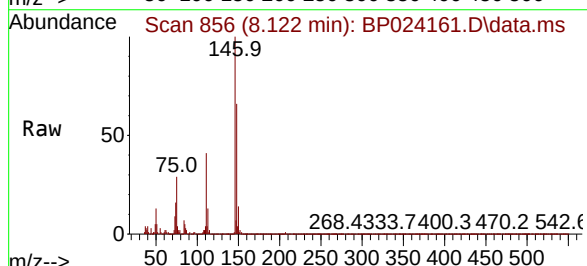
Tgt Ion:146 Resp: 114960

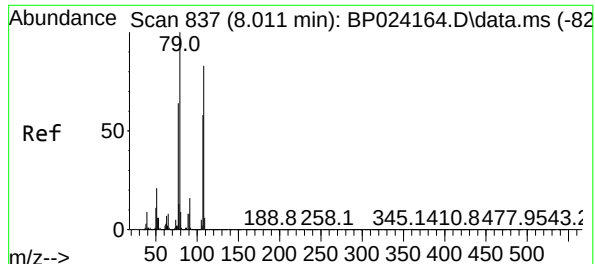
Ion Ratio Lower Upper

146 100

148 65.7 51.4 77.2

111 41.4 33.2 49.8

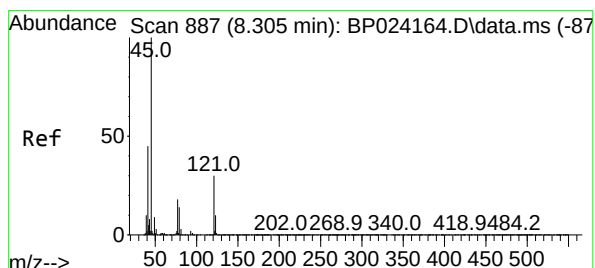
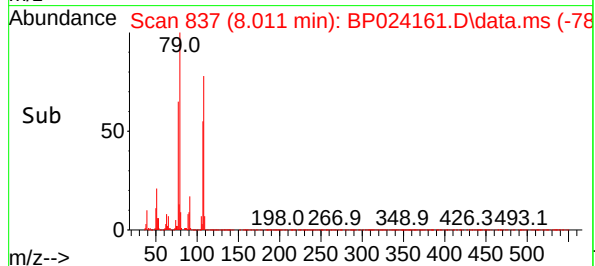
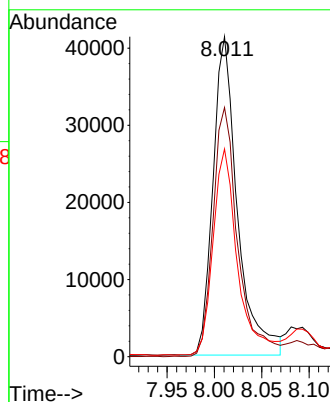
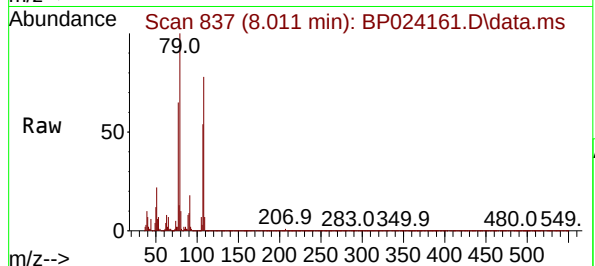




#15
Benzyl Alcohol
Concen: 4.630 ng
RT: 8.011 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

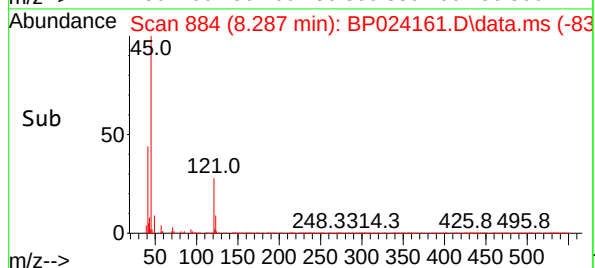
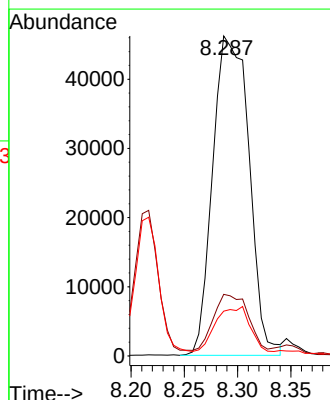
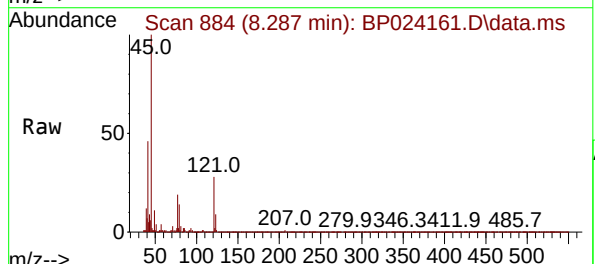
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

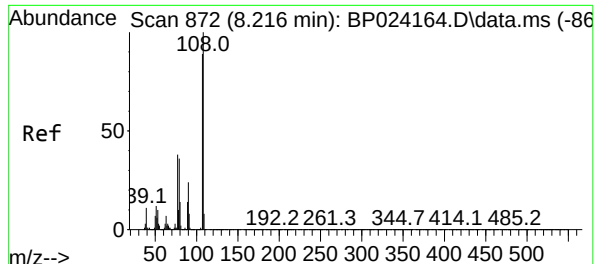
Tgt Ion: 79 Resp: 74252
Ion Ratio Lower Upper
79 100
108 77.9 66.5 99.7
77 64.9 50.9 76.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 5.422 ng
RT: 8.287 min Scan# 884
Delta R.T. -0.018 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion: 45 Resp: 109209
Ion Ratio Lower Upper
45 100
77 19.2 0.0 39.0
79 14.0 0.0 35.6





#17

2-Methylphenol

Concen: 4.616 ng

RT: 8.216 min Scan# 872

Delta R.T. 0.000 min

Lab File: BP024161.D

Acq: 12 Mar 2025 16:57

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:107 Resp: 74107

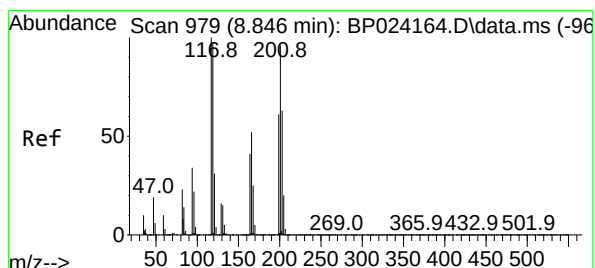
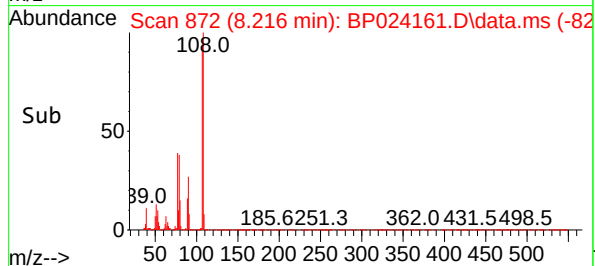
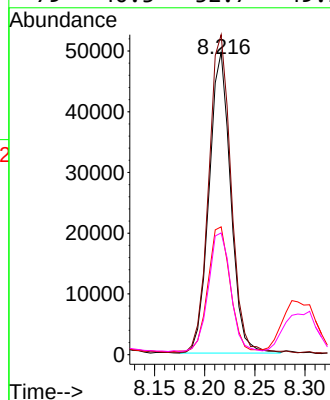
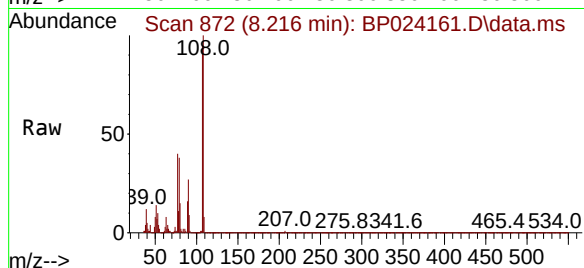
Ion Ratio Lower Upper

107 100

108 105.7 90.0 135.0

77 42.2 34.0 51.0

79 40.3 32.7 49.1



#18

Hexachloroethane

Concen: 4.909 ng

RT: 8.846 min Scan# 979

Delta R.T. 0.000 min

Lab File: BP024161.D

Acq: 12 Mar 2025 16:57

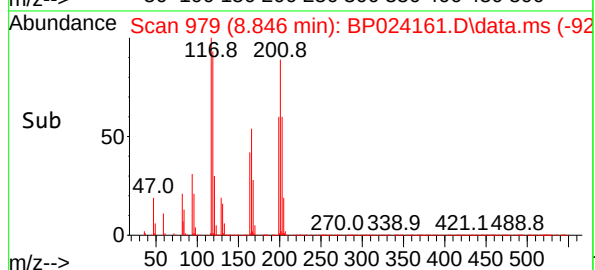
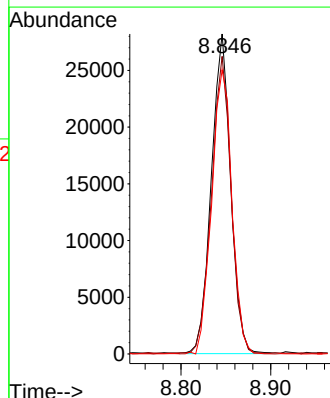
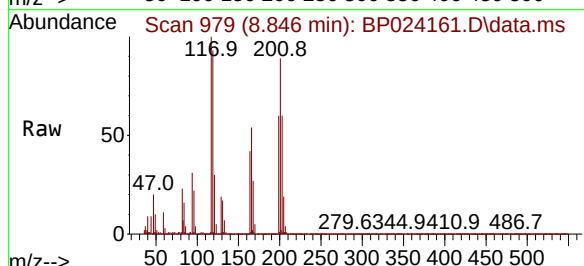
Tgt Ion:117 Resp: 42376

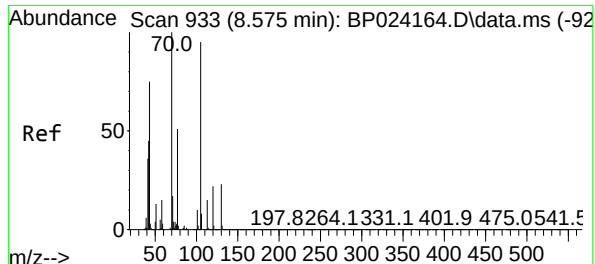
Ion Ratio Lower Upper

117 100

119 93.0 77.4 116.0

201 91.0 76.6 114.8





#19

n-Nitroso-di-n-propylamine

Concen: 5.139 ng

RT: 8.569 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP024161.D

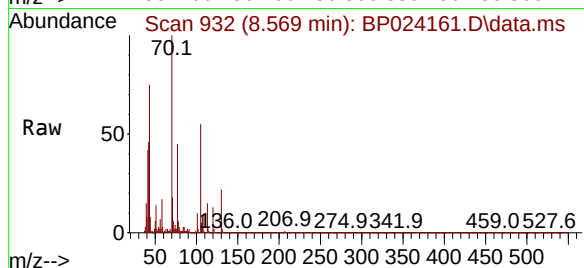
Acq: 12 Mar 2025 16:57

Instrument :

BNA_P

ClientSampleId :

SSTDICC005



Tgt Ion: 70 Resp: 72383

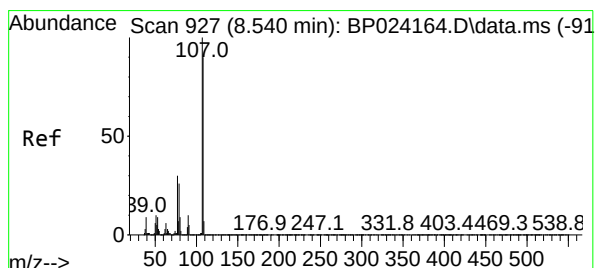
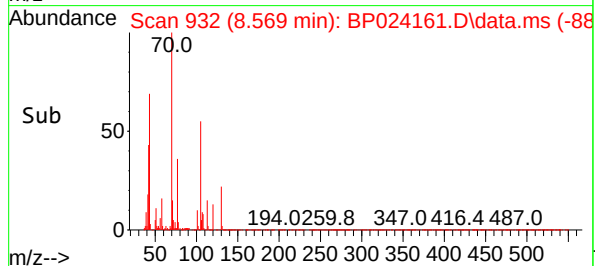
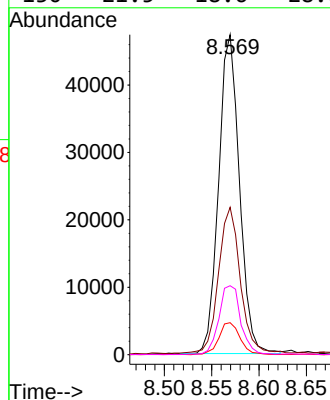
Ion Ratio Lower Upper

70 100

42 46.0 36.0 54.0

101 10.0 8.3 12.5

130 21.5 18.6 28.0



#20

3+4-Methylphenols

Concen: 4.606 ng

RT: 8.540 min Scan# 927

Delta R.T. 0.000 min

Lab File: BP024161.D

Acq: 12 Mar 2025 16:57

Tgt Ion: 107 Resp: 100588

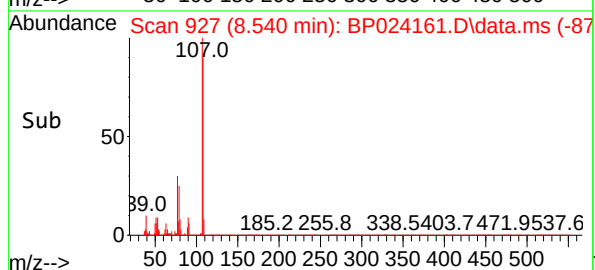
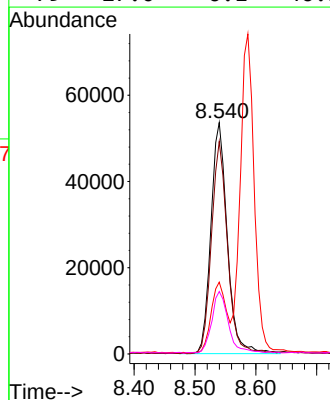
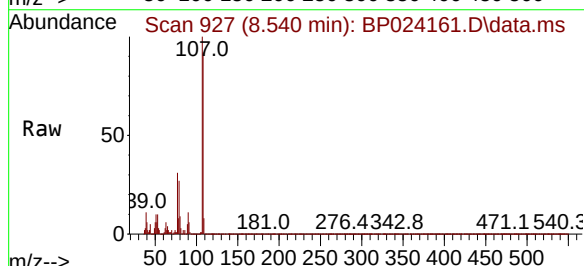
Ion Ratio Lower Upper

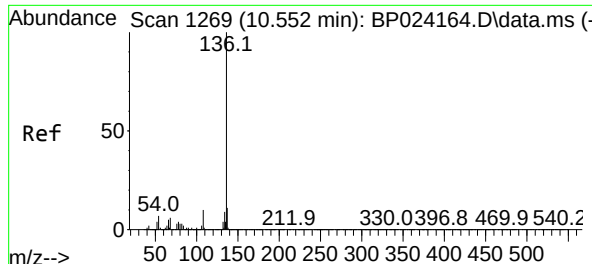
107 100

108 91.8 69.7 109.7

77 31.0 10.3 50.3

79 27.0 6.1 46.1

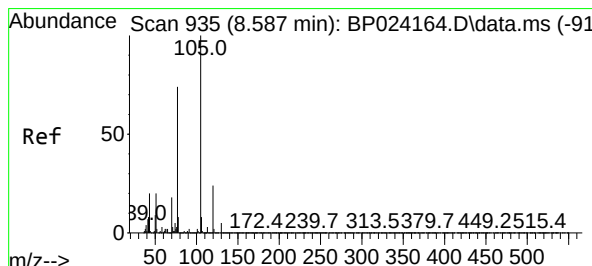
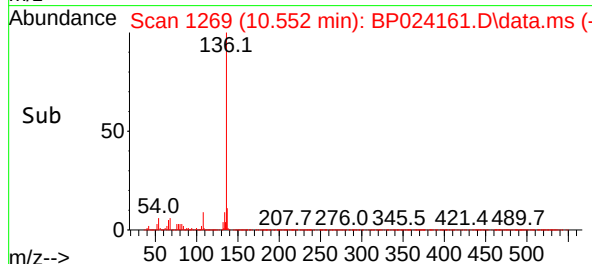
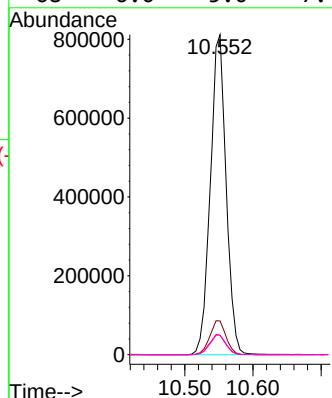
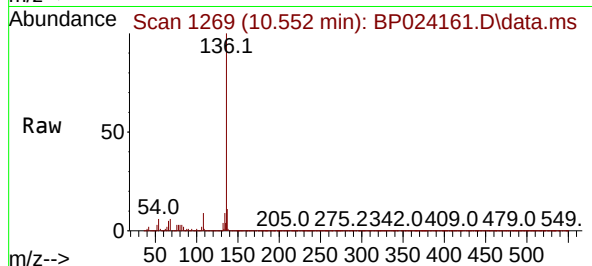




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.552 min Scan# 1269
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

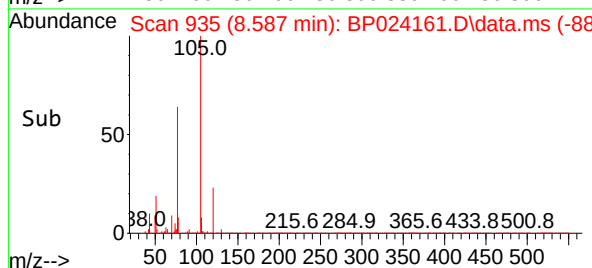
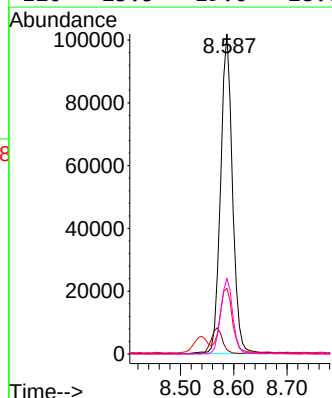
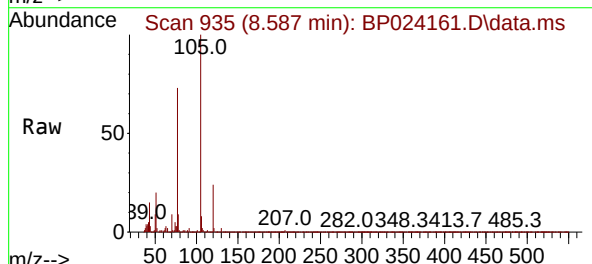
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

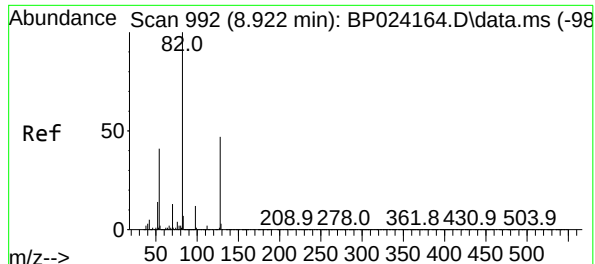
Tgt Ion:136 Resp: 1309940
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.4
54 6.1 5.3 7.9
68 6.0 5.0 7.4



#22
Acetophenone
Concen: 4.699 ng
RT: 8.587 min Scan# 935
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:105 Resp: 158185
Ion Ratio Lower Upper
105 100
71 1.3 2.4 3.6#
51 20.5 16.2 24.2
120 23.5 19.0 28.6





#23

Nitrobenzene-d5

Concen: 9.202 ng

RT: 8.916 min Scan# 991

Delta R.T. -0.006 min

Lab File: BP024161.D

Acq: 12 Mar 2025 16:57

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

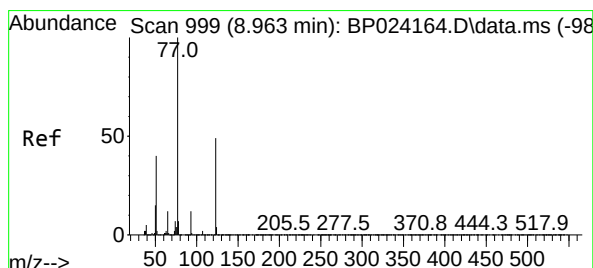
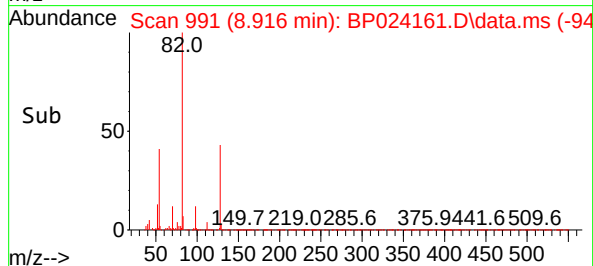
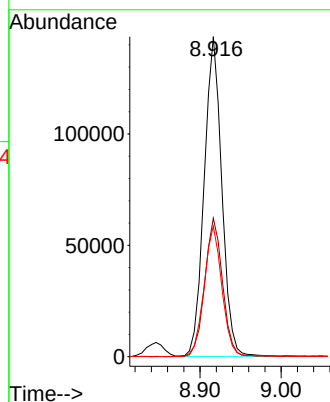
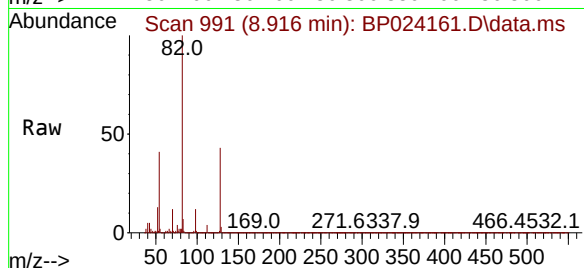
Tgt Ion: 82 Resp: 216074

Ion Ratio Lower Upper

82 100

128 43.3 37.4 56.0

54 40.8 32.5 48.7



#24

Nitrobenzene

Concen: 4.677 ng

RT: 8.958 min Scan# 998

Delta R.T. -0.006 min

Lab File: BP024161.D

Acq: 12 Mar 2025 16:57

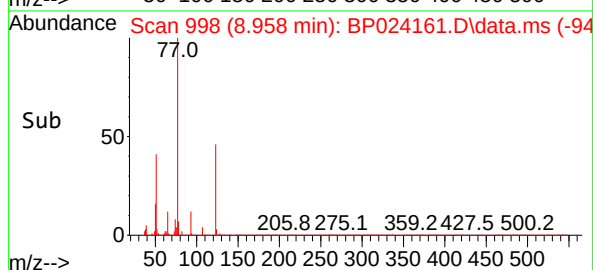
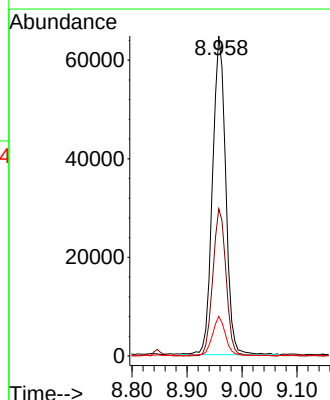
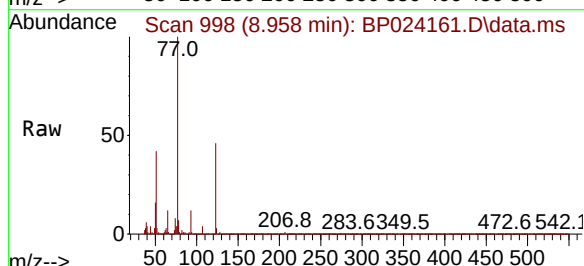
Tgt Ion: 77 Resp: 108086

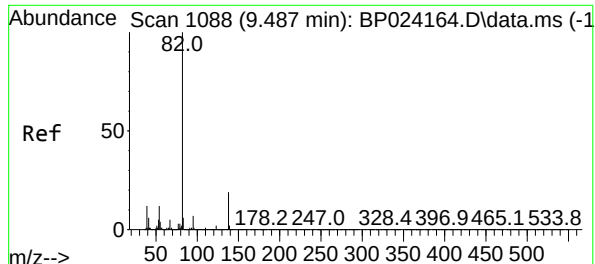
Ion Ratio Lower Upper

77 100

123 46.0 39.4 59.2

65 12.4 9.9 14.9

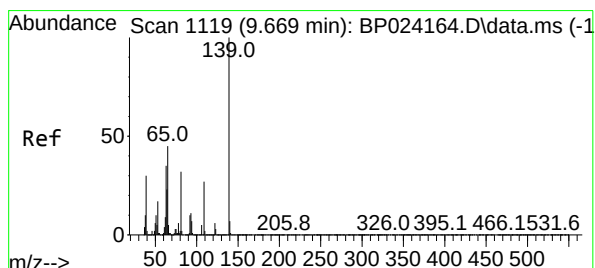
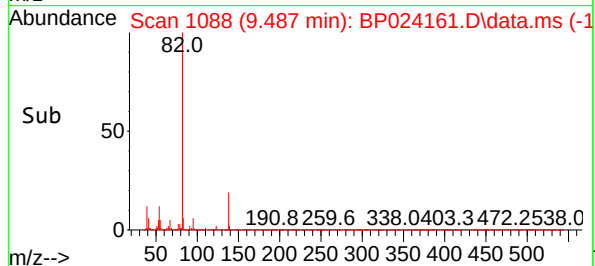
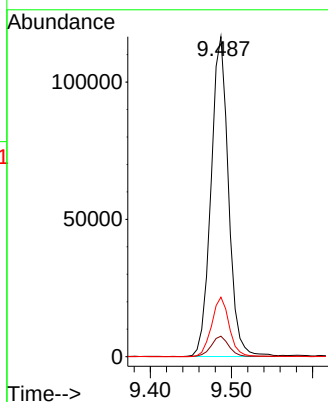
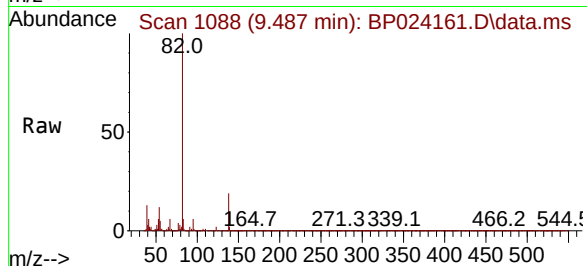




#25
Isophorone
Concen: 4.540 ng
RT: 9.487 min Scan# 1088
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

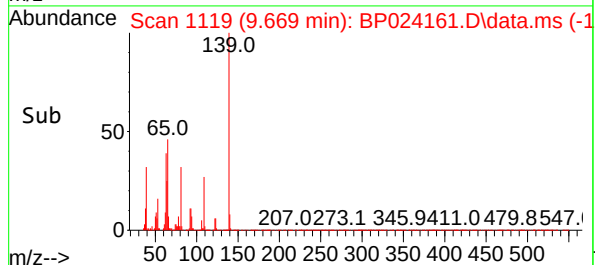
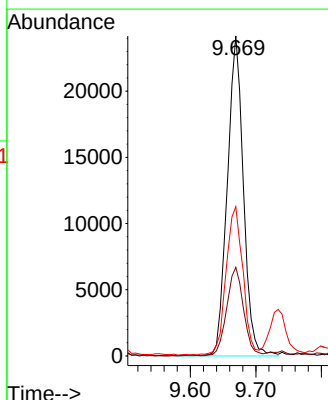
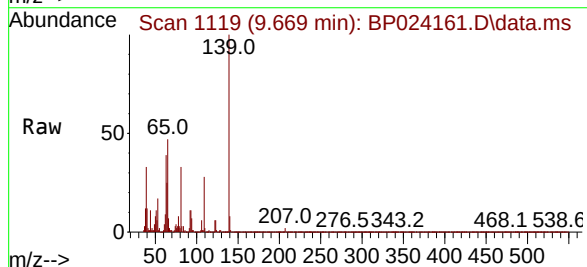
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

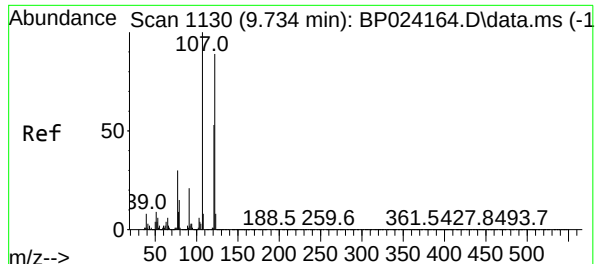
Tgt Ion: 82 Resp: 174338
Ion Ratio Lower Upper
82 100
95 6.4 5.3 7.9
138 18.6 14.8 22.2



#26
2-Nitrophenol
Concen: 3.880 ng
RT: 9.669 min Scan# 1119
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion: 139 Resp: 41305
Ion Ratio Lower Upper
139 100
109 27.7 21.7 32.5
65 46.6 35.8 53.8





#27

2,4-Dimethylphenol

Concen: 4.354 ng

RT: 9.734 min Scan# 1130

Delta R.T. 0.000 min

Lab File: BP024161.D

Acq: 12 Mar 2025 16:57

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

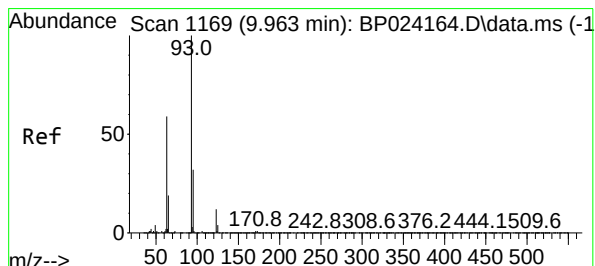
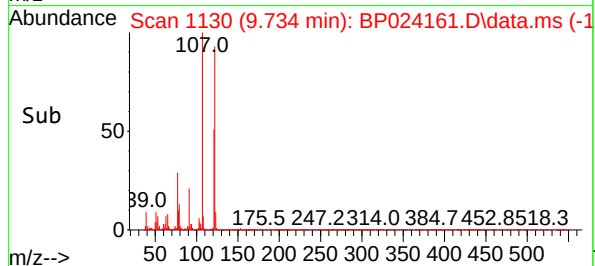
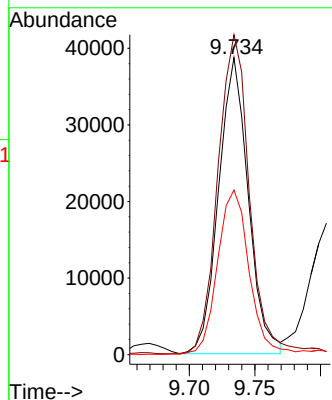
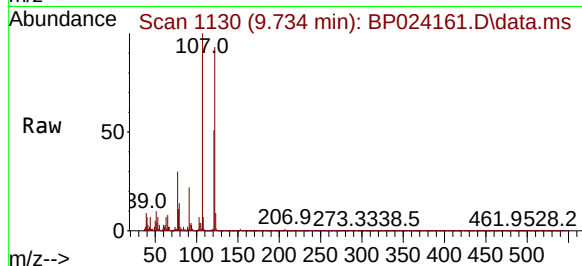
Tgt Ion:122 Resp: 60843

Ion Ratio Lower Upper

122 100

107 107.7 89.3 133.9

121 55.4 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 4.872 ng

RT: 9.957 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BP024161.D

Acq: 12 Mar 2025 16:57

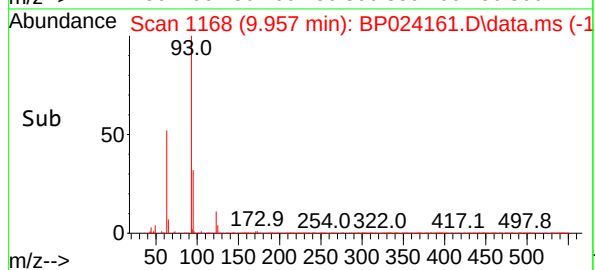
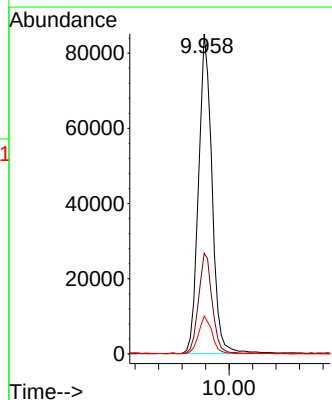
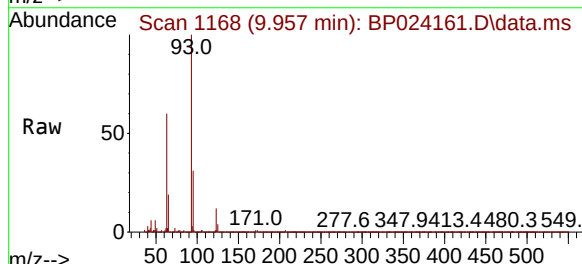
Tgt Ion: 93 Resp: 135529

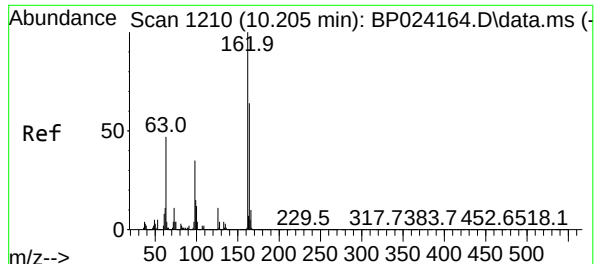
Ion Ratio Lower Upper

93 100

95 31.5 25.9 38.9

123 11.9 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 4.072 ng

RT: 10.205 min Scan# 1210

Delta R.T. 0.000 min

Lab File: BP024161.D

Acq: 12 Mar 2025 16:57

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

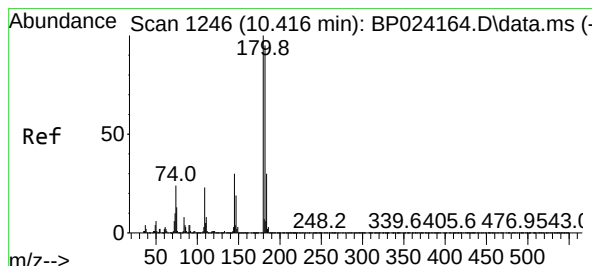
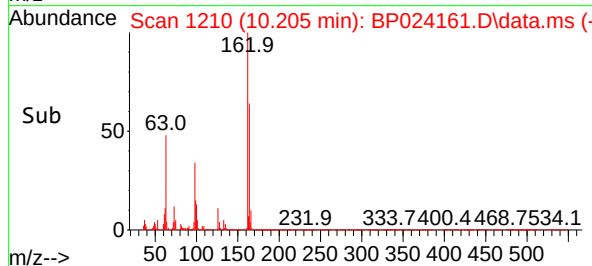
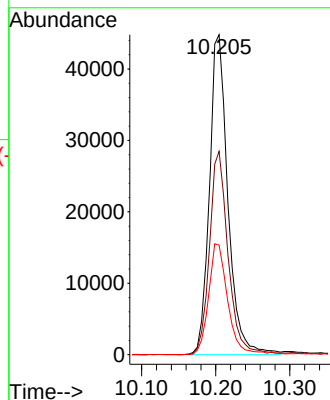
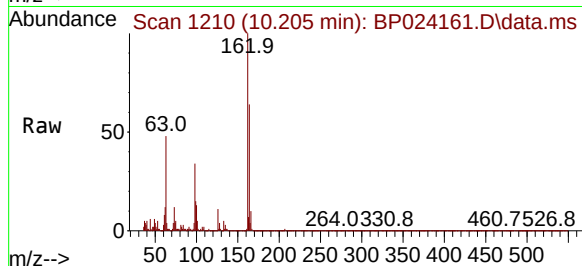
Tgt Ion:162 Resp: 77653

Ion Ratio Lower Upper

162 100

164 63.6 44.2 84.2

98 34.2 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 4.646 ng

RT: 10.416 min Scan# 1246

Delta R.T. 0.000 min

Lab File: BP024161.D

Acq: 12 Mar 2025 16:57

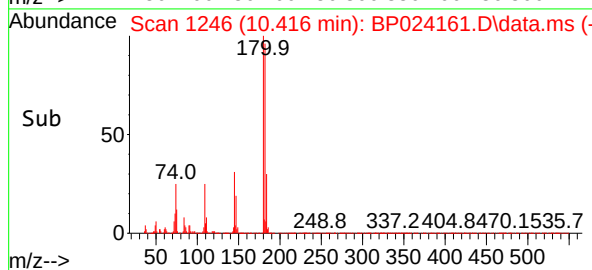
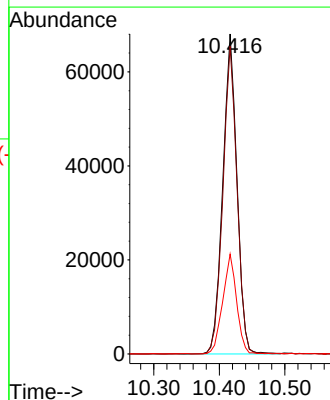
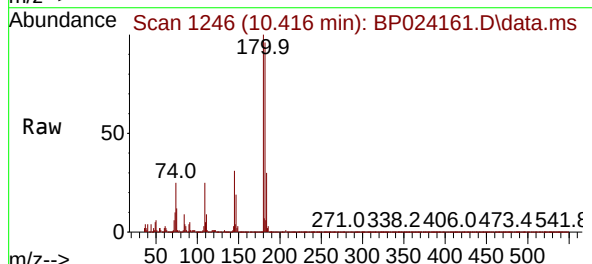
Tgt Ion:180 Resp: 101518

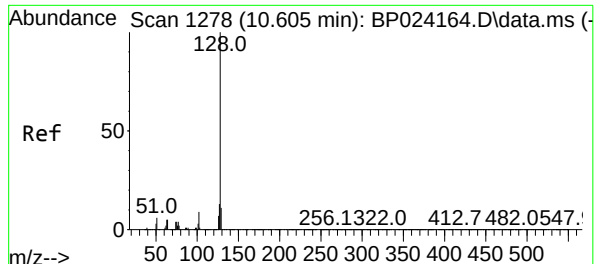
Ion Ratio Lower Upper

180 100

182 96.2 76.1 114.1

145 31.2 24.2 36.2

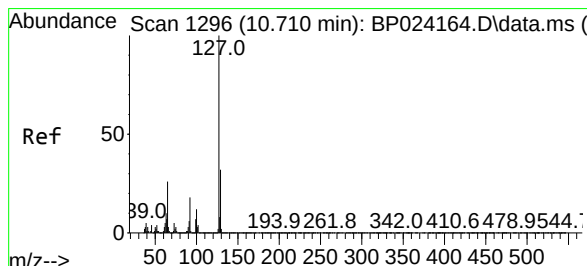
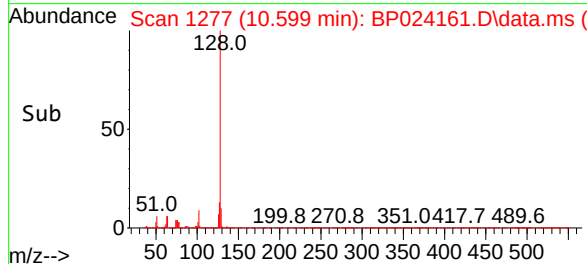
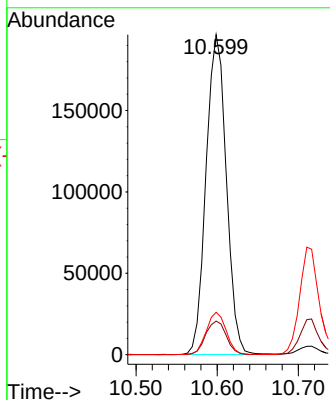
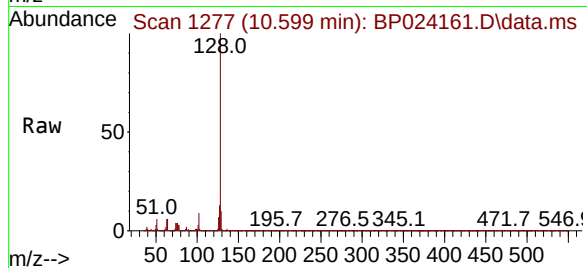




#31
Naphthalene
Concen: 4.840 ng
RT: 10.599 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

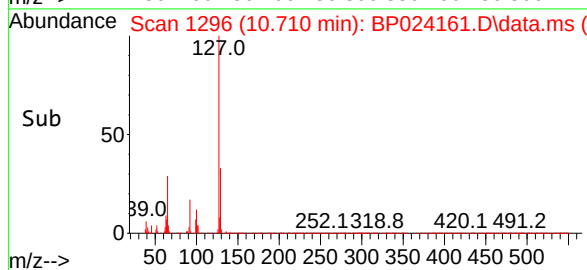
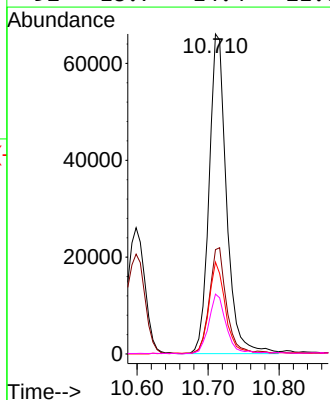
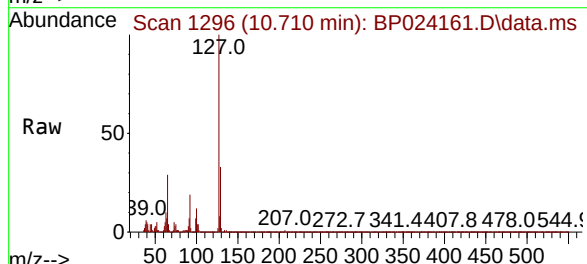
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

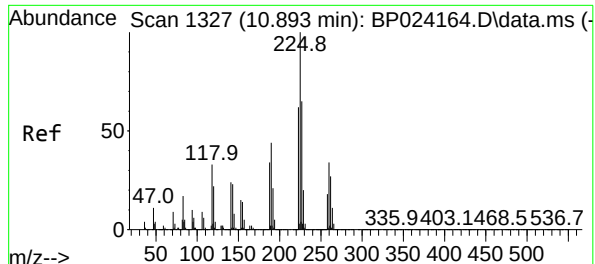
Tgt Ion:128 Resp: 340918
Ion Ratio Lower Upper
128 100
129 10.5 8.7 13.1
127 13.3 10.4 15.6



#33
4-Chloroaniline
Concen: 4.545 ng
RT: 10.710 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:127 Resp: 112776
Ion Ratio Lower Upper
127 100
129 32.6 25.8 38.6
65 28.7 21.2 31.8
92 18.7 14.4 21.6

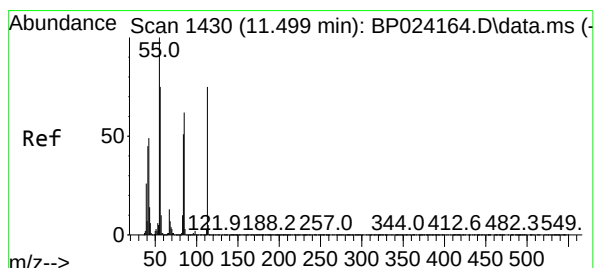
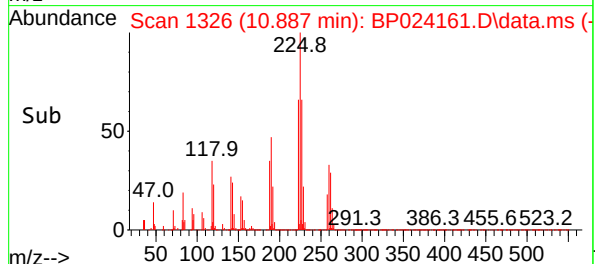
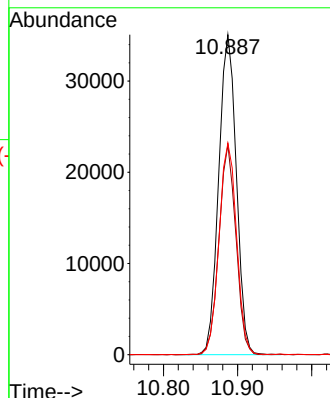
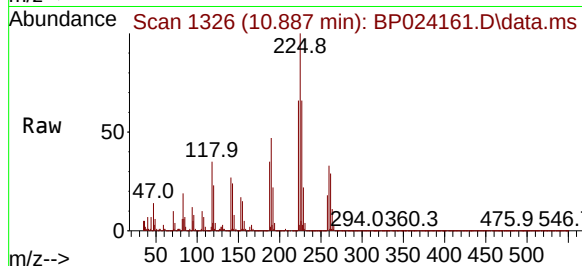




#34
Hexachlorobutadiene
Concen: 4.589 ng
RT: 10.887 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

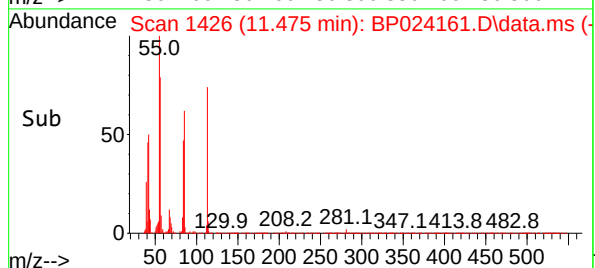
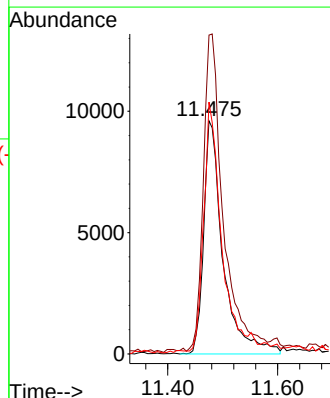
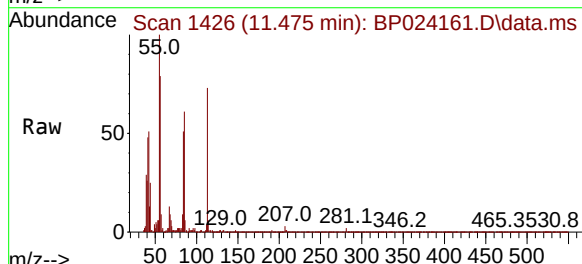
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

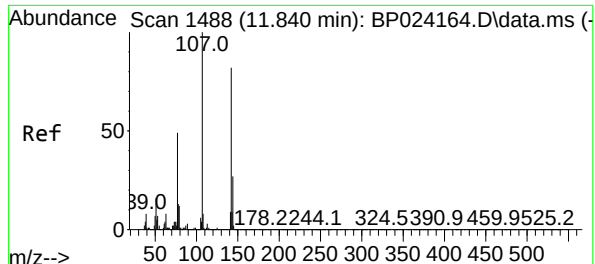
Tgt Ion: 225 Resp: 58080
Ion Ratio Lower Upper
225 100
223 65.6 49.9 74.9
227 66.1 52.2 78.2



#35
Caprolactam
Concen: 4.057 ng
RT: 11.475 min Scan# 1426
Delta R.T. -0.024 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion: 113 Resp: 23432
Ion Ratio Lower Upper
113 100
55 136.8 113.6 153.6
56 108.1 80.0 120.0

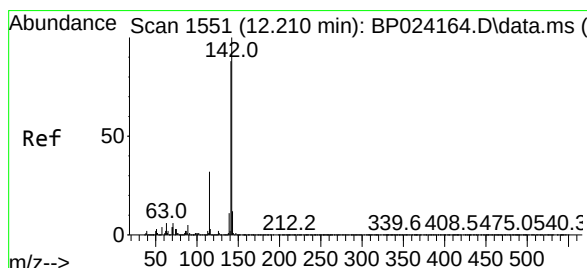
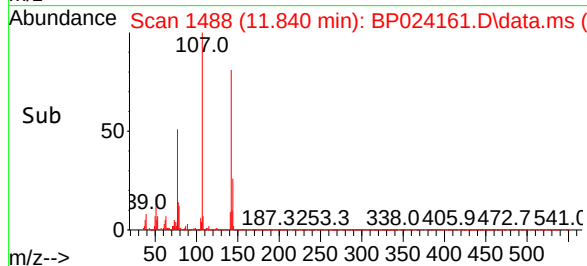
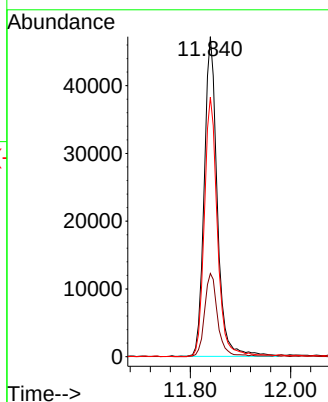
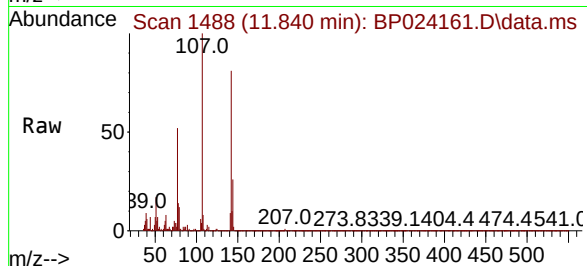




#36
4-Chloro-3-methylphenol
Concen: 4.352 ng
RT: 11.840 min Scan# 1488
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

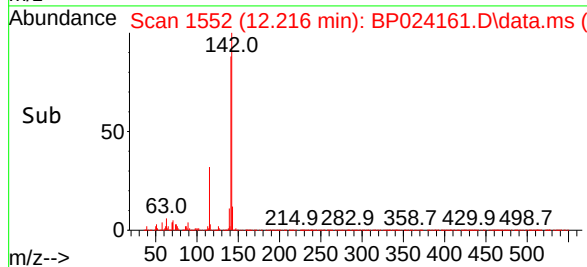
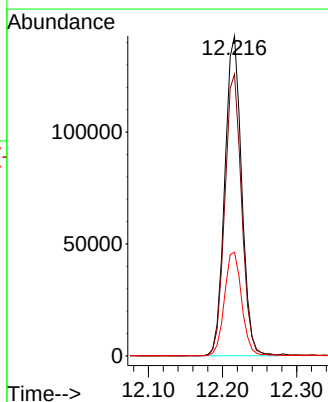
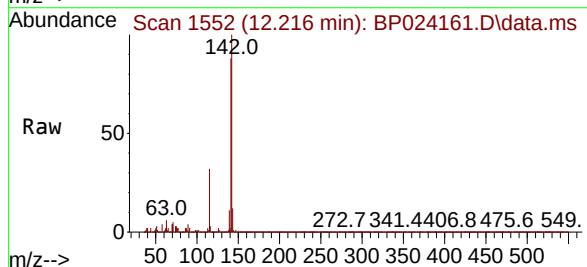
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

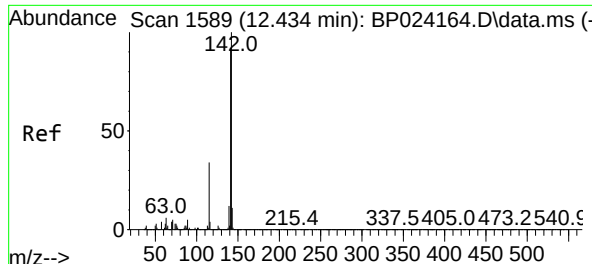
Tgt Ion:107 Resp: 85333
Ion Ratio Lower Upper
107 100
144 26.0 21.6 32.4
142 81.1 65.4 98.0



#37
2-Methylnaphthalene
Concen: 4.817 ng
RT: 12.216 min Scan# 1552
Delta R.T. 0.006 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:142 Resp: 225485
Ion Ratio Lower Upper
142 100
141 88.0 70.3 105.5
115 32.4 26.0 39.0





#38

1-Methylnaphthalene

Concen: 4.848 ng

RT: 12.434 min Scan# 1589

Delta R.T. 0.000 min

Lab File: BP024161.D

Acq: 12 Mar 2025 16:57

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

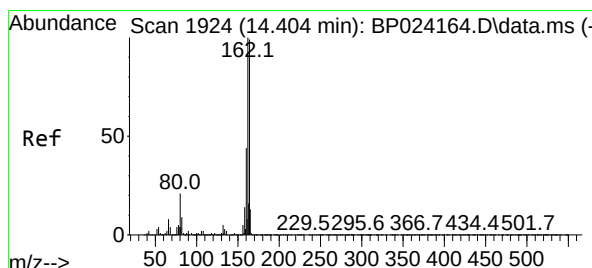
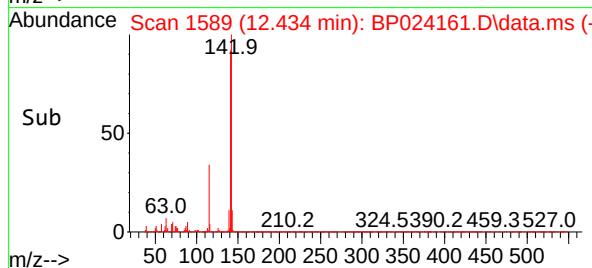
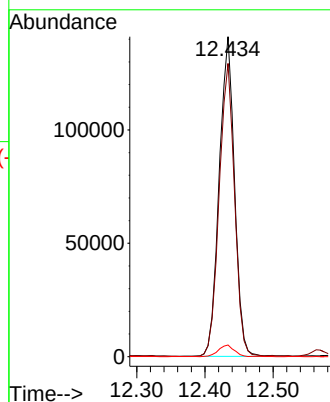
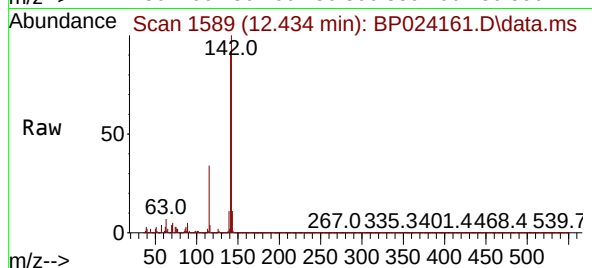
Tgt Ion:142 Resp: 220784

Ion Ratio Lower Upper

142 100

141 91.6 73.9 110.9

116 3.7 2.8 4.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.410 min Scan# 1925

Delta R.T. 0.006 min

Lab File: BP024161.D

Acq: 12 Mar 2025 16:57

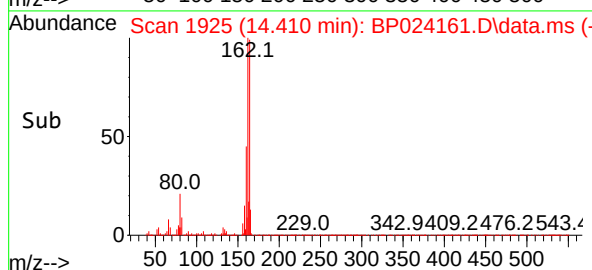
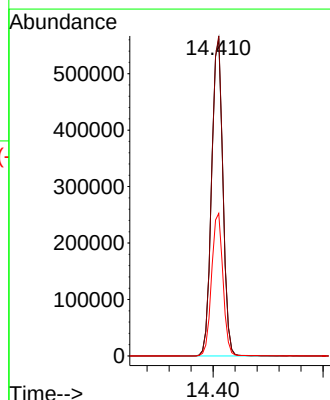
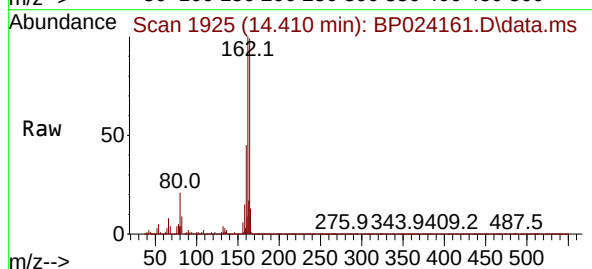
Tgt Ion:164 Resp: 799469

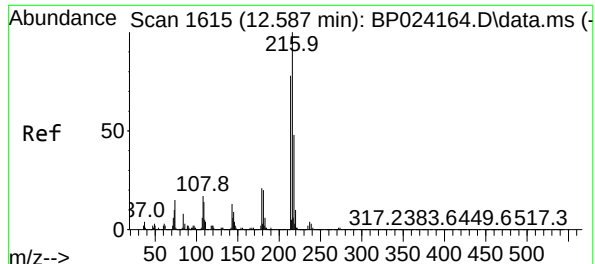
Ion Ratio Lower Upper

164 100

162 100.8 80.6 121.0

160 44.9 35.4 53.2

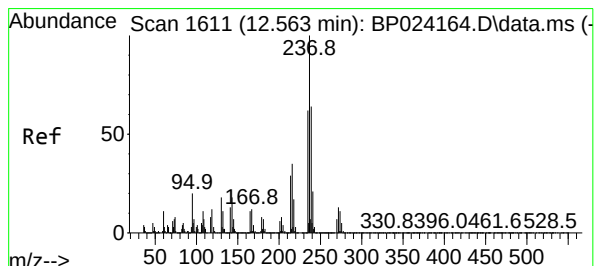
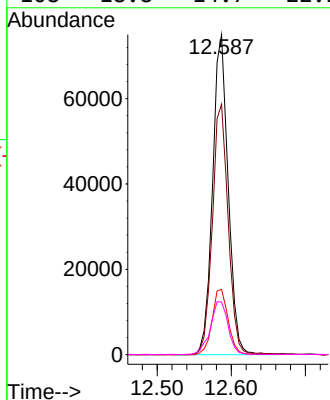
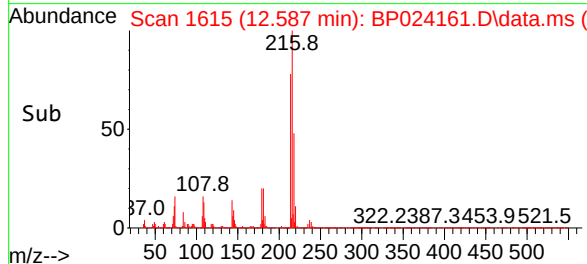
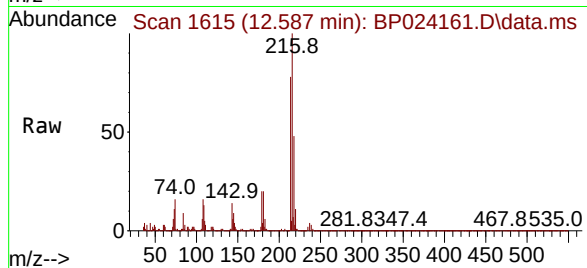




#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.459 ng
RT: 12.587 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

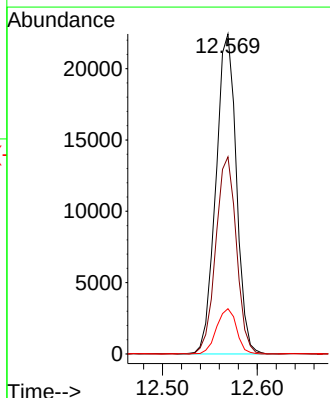
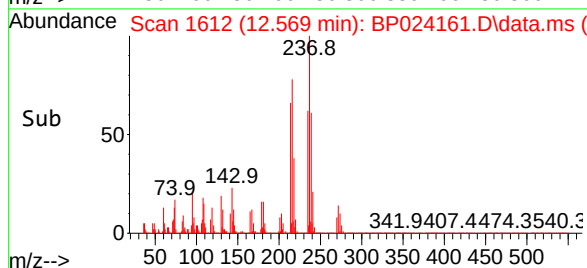
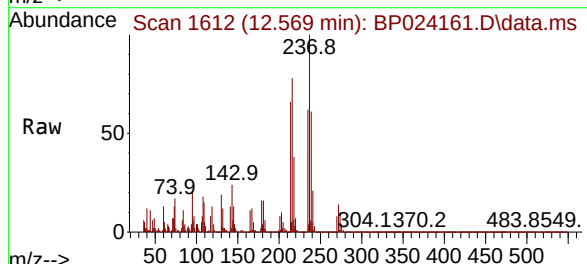
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

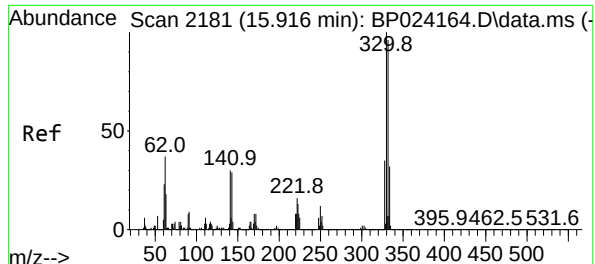
Tgt Ion:216 Resp: 109528
Ion Ratio Lower Upper
216 100
214 79.5 62.8 94.2
179 21.1 16.8 25.2
108 18.8 14.7 22.1



#41
Hexachlorocyclopentadiene
Concen: 3.693 ng
RT: 12.569 min Scan# 1612
Delta R.T. 0.006 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:237 Resp: 33755
Ion Ratio Lower Upper
237 100
235 61.6 41.8 81.8
272 14.2 0.0 33.5

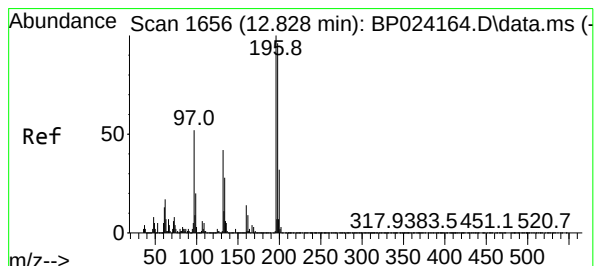
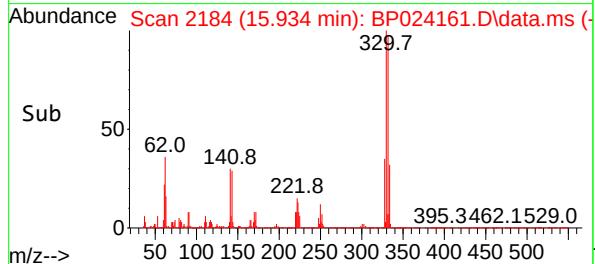
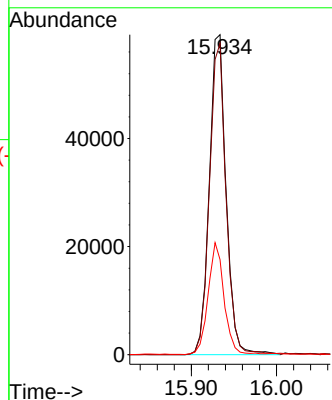
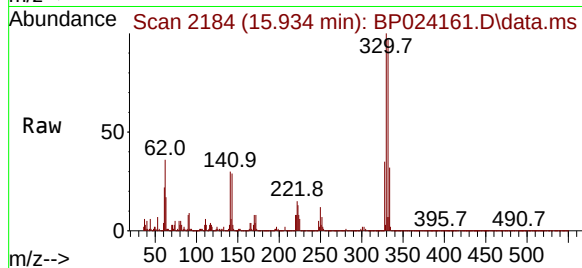




#42
2,4,6-Tribromophenol
Concen: 8.288 ng
RT: 15.934 min Scan# 2181
Delta R.T. 0.018 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

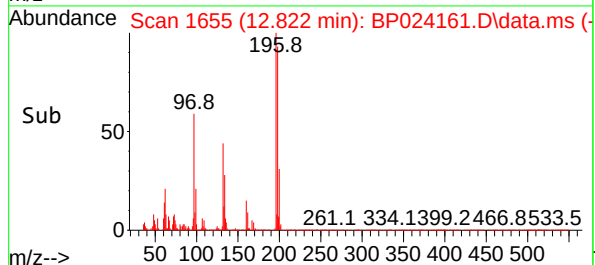
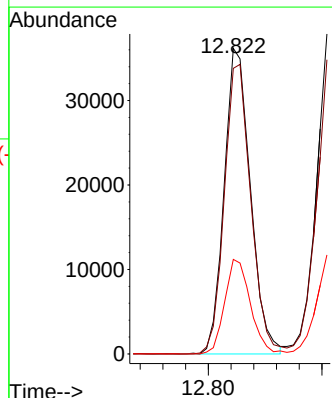
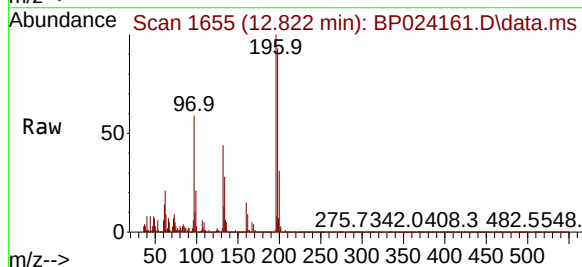
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

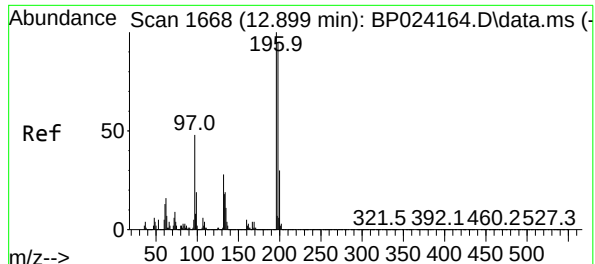
Tgt Ion	330	Resp	81159
Ion Ratio	Lower	Upper	
330	100		
332	96.2	77.6	116.4
141	33.0	25.0	37.6



#43
2,4,6-Trichlorophenol
Concen: 3.883 ng
RT: 12.822 min Scan# 1655
Delta R.T. -0.006 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion	196	Resp	58172
Ion Ratio	Lower	Upper	
196	100		
198	93.4	76.6	115.0
200	30.9	25.4	38.0

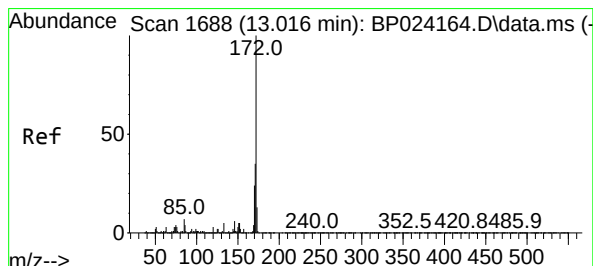
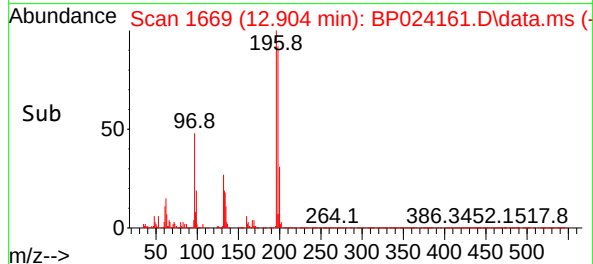
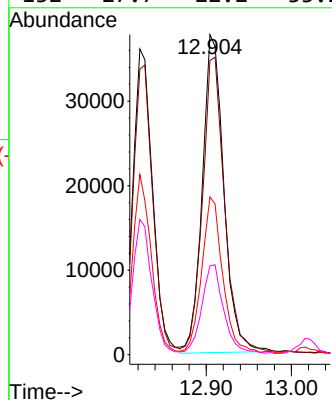
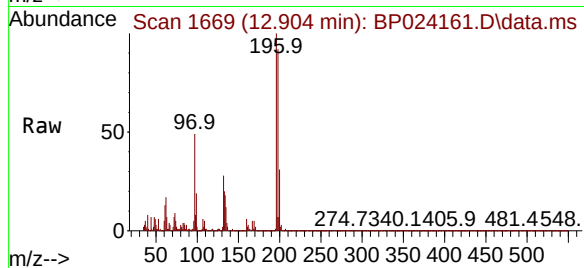




#44
2,4,5-Trichlorophenol
Concen: 4.044 ng
RT: 12.904 min Scan# 1669
Delta R.T. 0.006 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

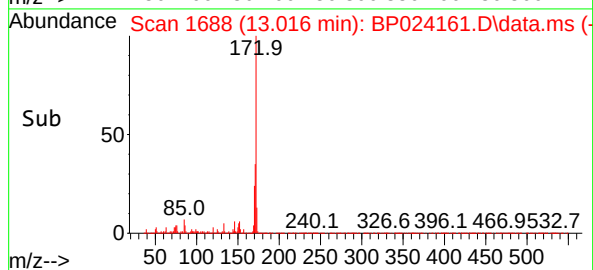
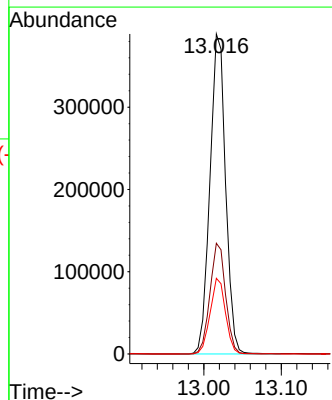
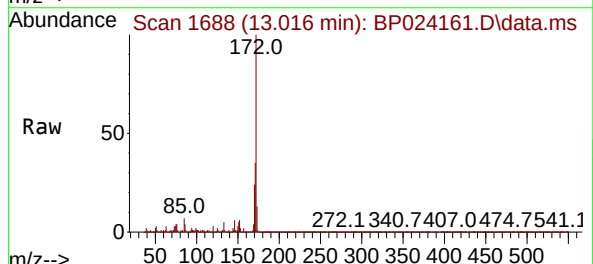
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

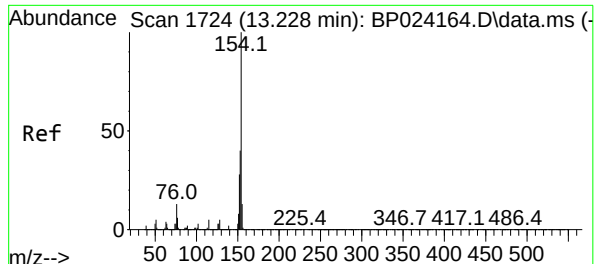
Tgt Ion:	196	Resp:	66250
Ion Ratio	Lower	Upper	
196	100		
198	91.9	76.5	114.7
97	49.3	38.7	58.1
132	27.7	22.2	33.2



#45
2-Fluorobiphenyl
Concen: 9.532 ng
RT: 13.016 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:	172	Resp:	545120
Ion Ratio	Lower	Upper	
172	100		
171	34.6	28.3	42.5
170	23.7	19.0	28.4

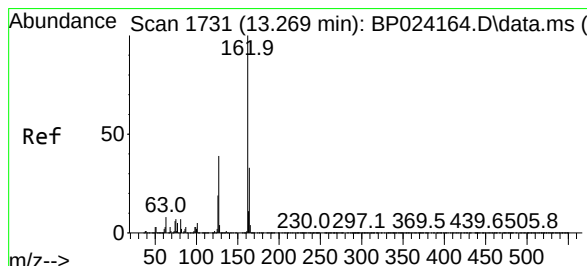
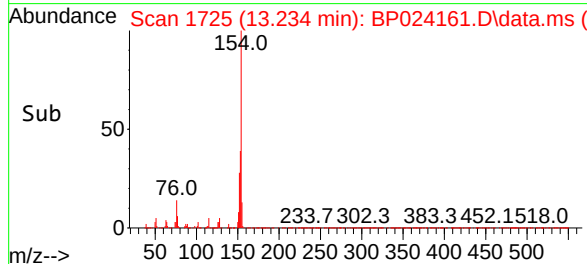
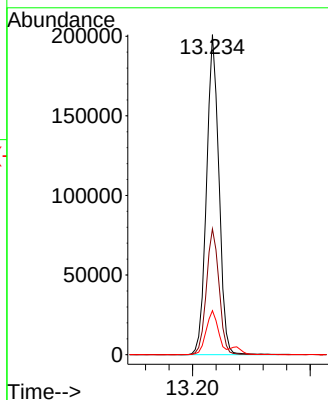
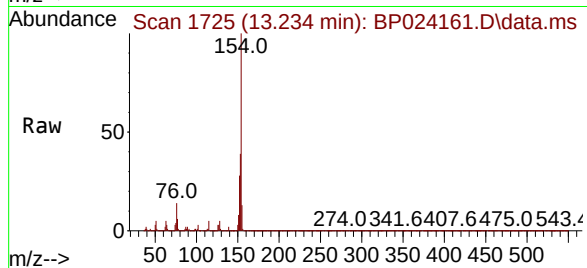




#46
1,1'-Biphenyl
Concen: 4.721 ng
RT: 13.234 min Scan# 1725
Delta R.T. 0.006 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

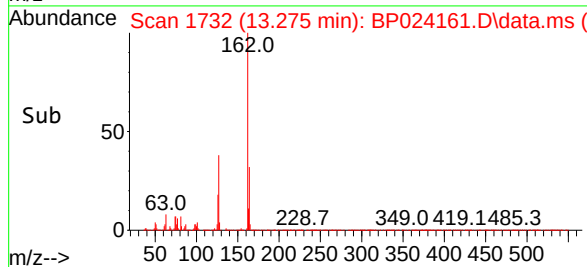
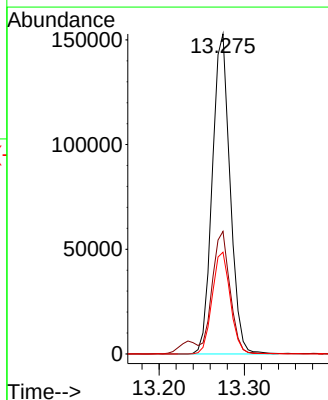
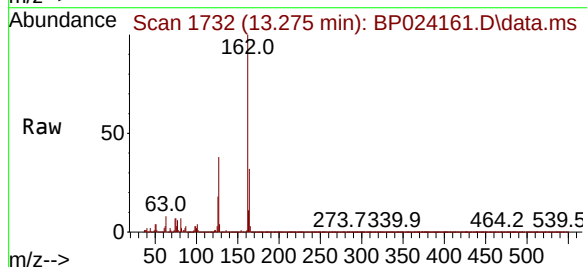
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

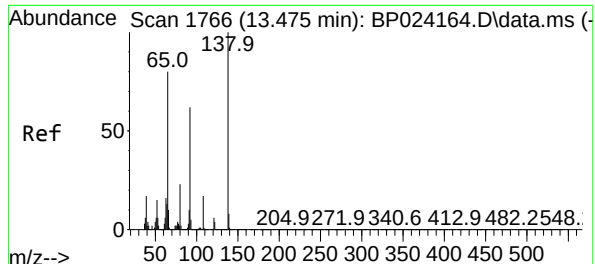
Tgt Ion:154 Resp: 293289
Ion Ratio Lower Upper
154 100
153 39.3 20.3 60.3
76 13.7 0.0 32.9



#47
2-Chloronaphthalene
Concen: 4.715 ng
RT: 13.275 min Scan# 1732
Delta R.T. 0.006 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:162 Resp: 221413
Ion Ratio Lower Upper
162 100
127 38.3 31.5 47.3
164 31.8 26.6 39.8

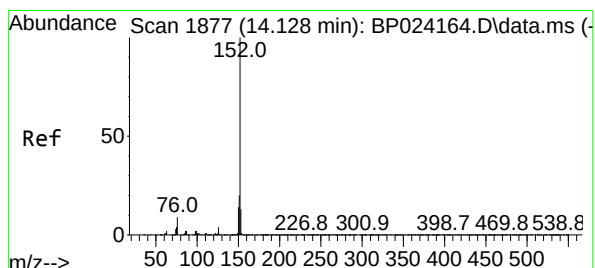
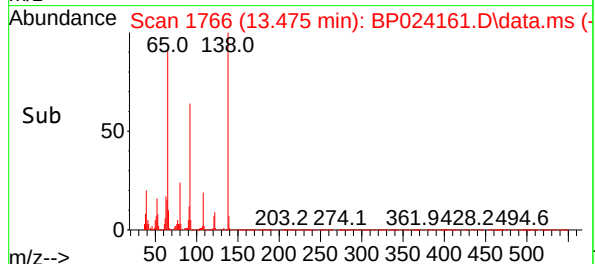
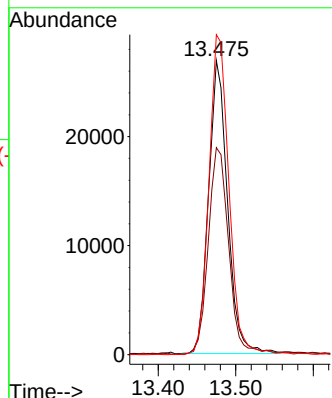
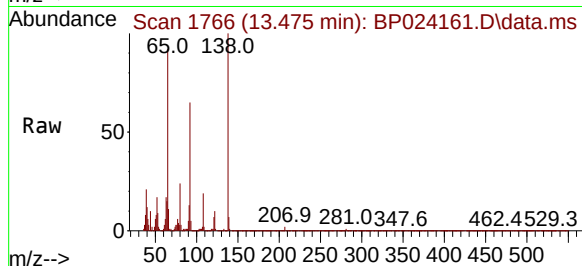




#48
2-Nitroaniline
Concen: 4.117 ng
RT: 13.475 min Scan# 1766
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

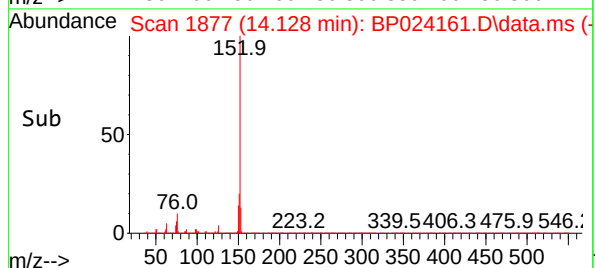
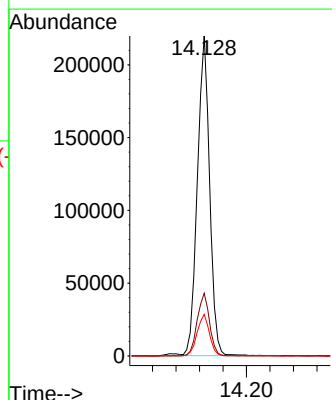
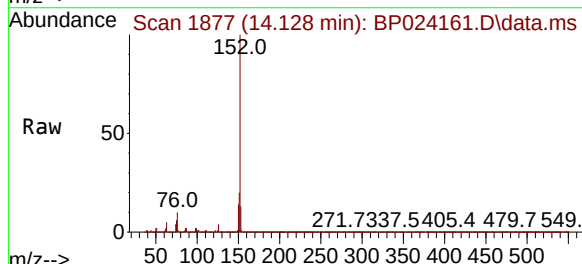
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

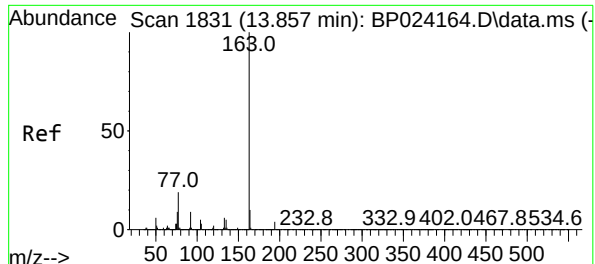
Tgt Ion:	65	Resp:	45667
Ion	Ratio	Lower	Upper
65	100		
92	70.4	62.1	93.1
138	108.8	99.5	149.3



#49
Acenaphthylene
Concen: 4.580 ng
RT: 14.128 min Scan# 1877
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:	152	Resp:	316902
Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.0	24.0
153	13.0	10.6	15.8

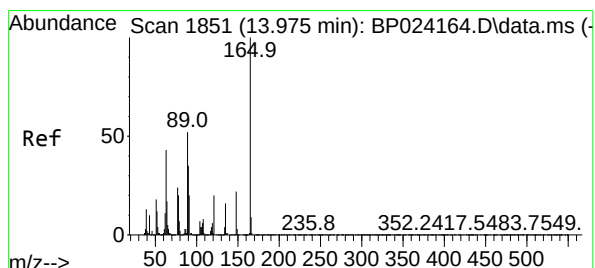
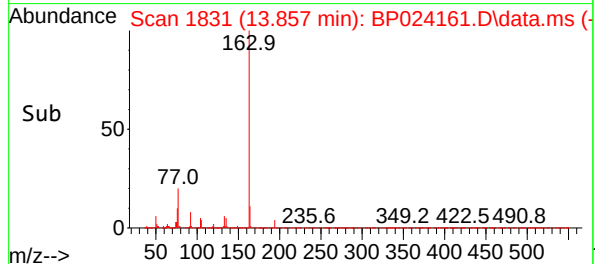
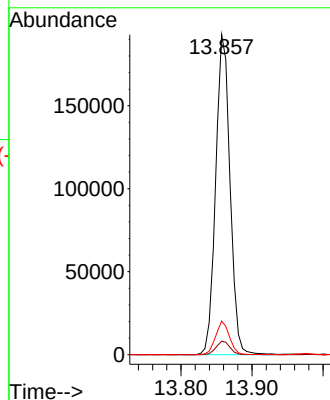
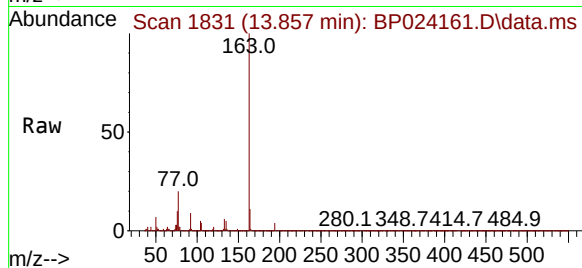




#50
Dimethylphthalate
Concen: 4.789 ng
RT: 13.857 min Scan# 1831
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

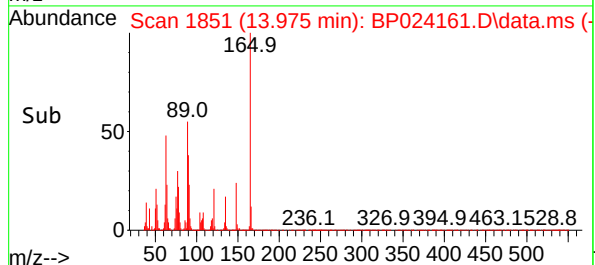
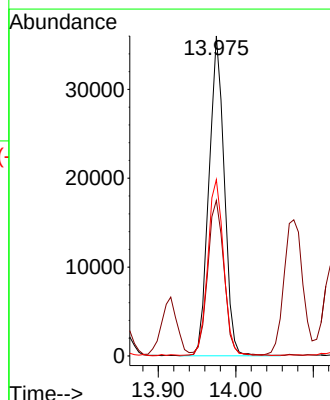
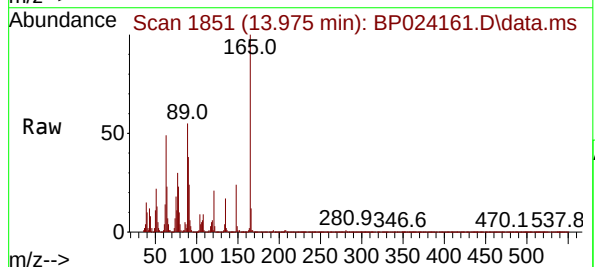
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

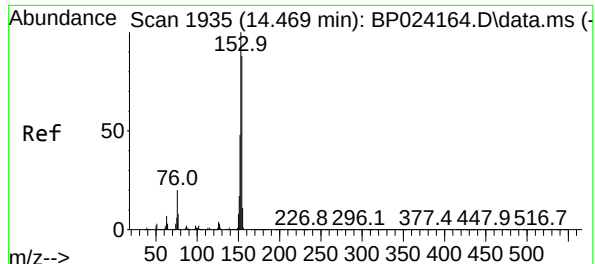
Tgt Ion:163 Resp: 270053
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.5 8.2 12.4



#51
2,6-Dinitrotoluene
Concen: 4.317 ng
RT: 13.975 min Scan# 1851
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:165 Resp: 49593
Ion Ratio Lower Upper
165 100
63 48.6 37.7 56.5
89 55.1 41.9 62.9

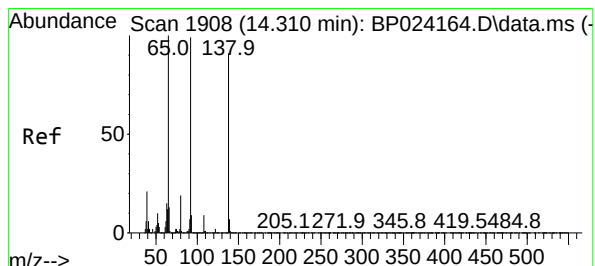
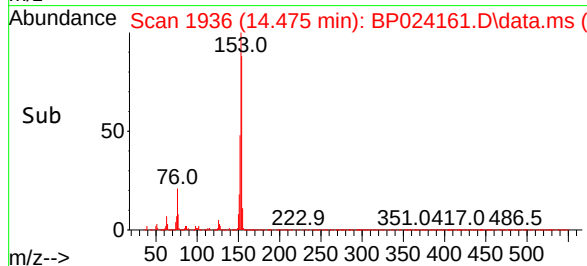
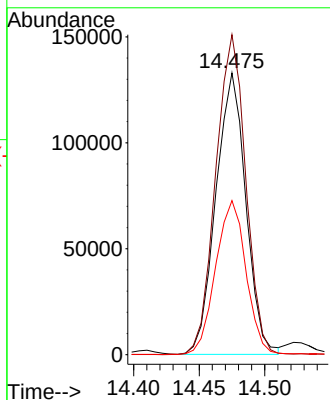
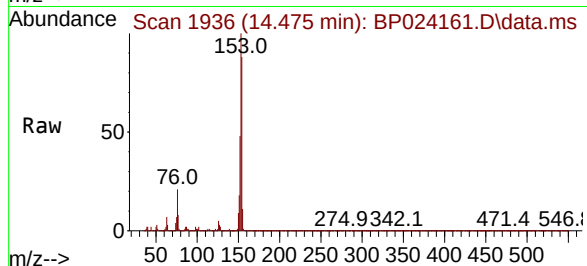




#52
Acenaphthene
Concen: 4.742 ng
RT: 14.475 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

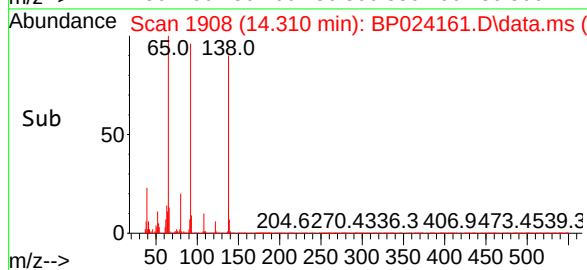
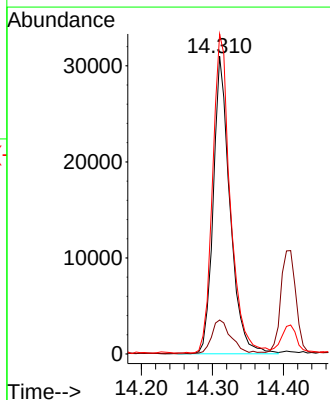
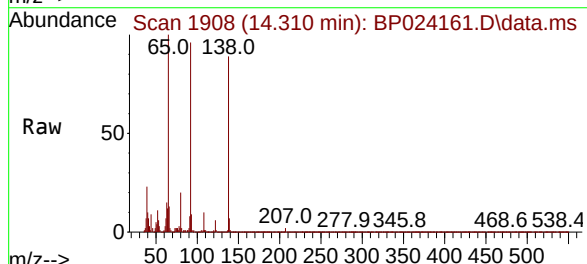
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

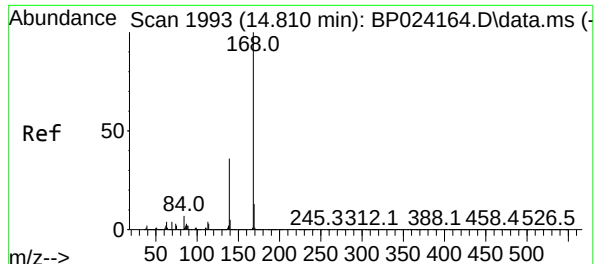
Tgt Ion:154 Resp: 211290
Ion Ratio Lower Upper
154 100
153 113.6 90.5 135.7
152 54.7 43.1 64.7



#53
3-Nitroaniline
Concen: 4.129 ng
RT: 14.310 min Scan# 1908
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:138 Resp: 50611
Ion Ratio Lower Upper
138 100
108 11.4 8.2 12.2
92 107.5 86.7 130.1

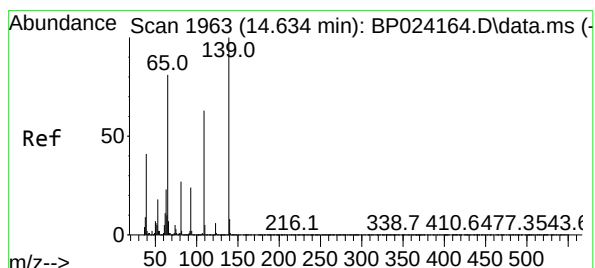
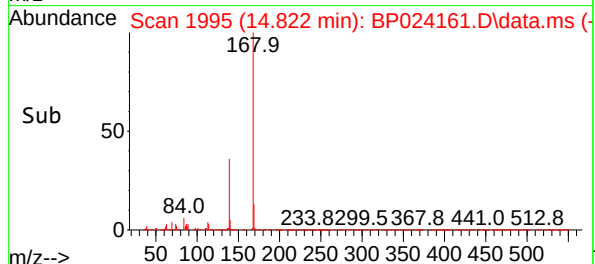
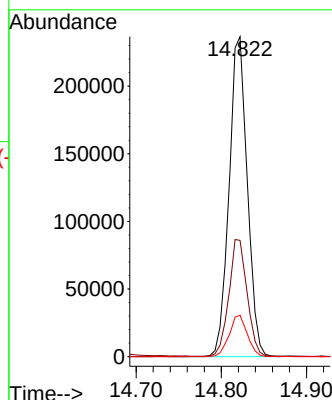
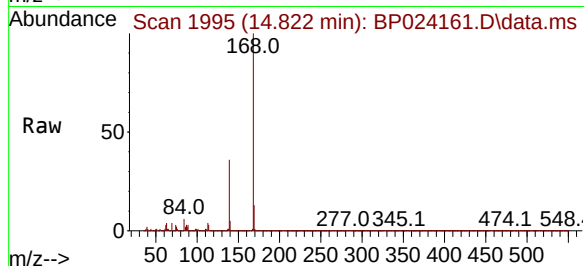




#55
Dibenzofuran
Concen: 4.858 ng
RT: 14.822 min Scan# 1995
Delta R.T. 0.012 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

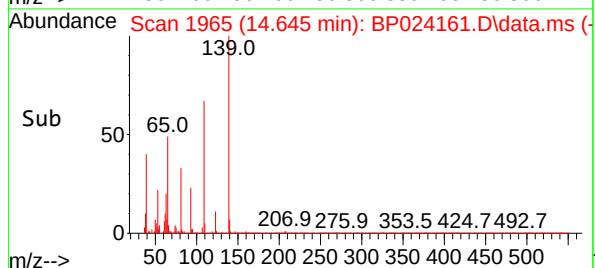
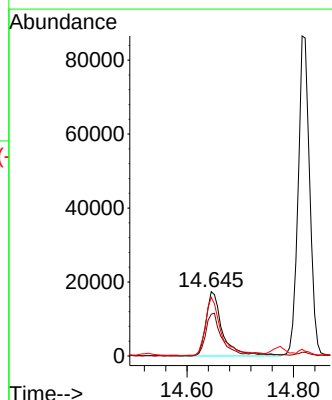
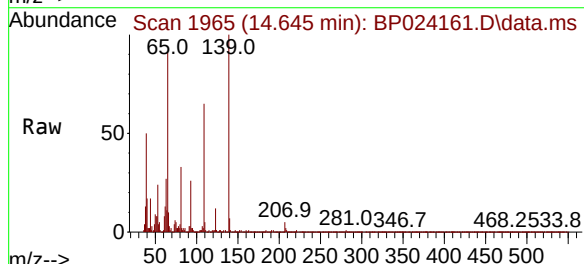
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

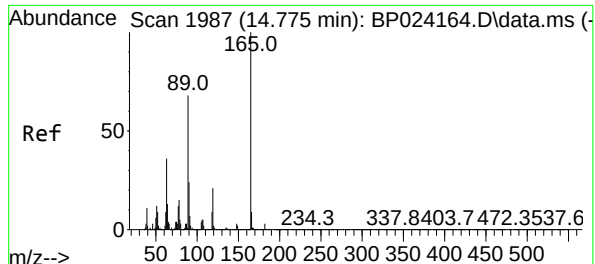
Tgt Ion:168 Resp: 351651
Ion Ratio Lower Upper
168 100
139 36.4 29.1 43.7
169 13.0 10.8 16.2



#56
4-Nitrophenol
Concen: 3.521 ng
RT: 14.645 min Scan# 1965
Delta R.T. 0.012 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:139 Resp: 37281
Ion Ratio Lower Upper
139 100
109 65.1 43.3 83.3
65 91.1 61.2 101.2

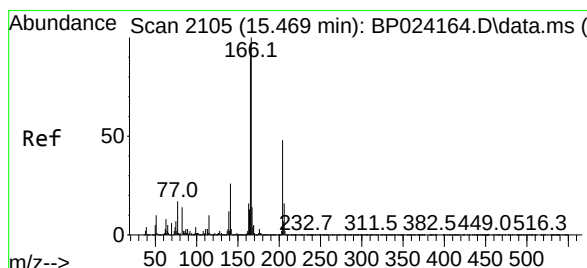
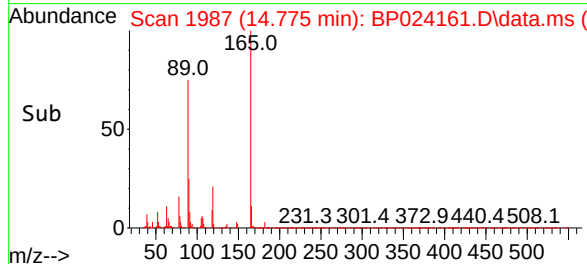
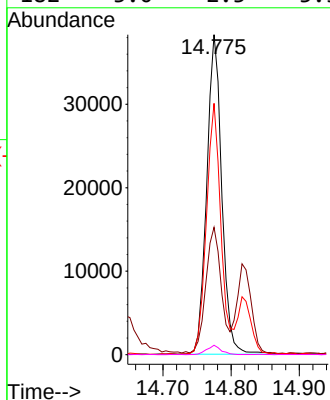
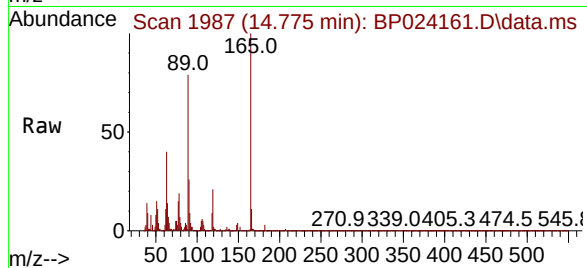




#57
2,4-Dinitrotoluene
Concen: 3.946 ng
RT: 14.775 min Scan# 1987
Delta R.T. 0.000 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

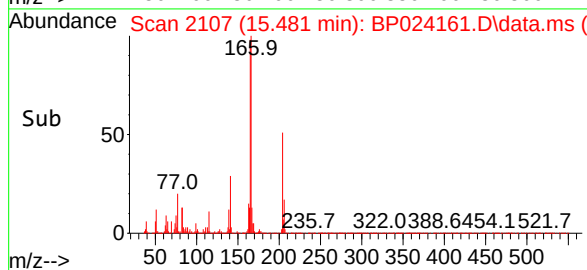
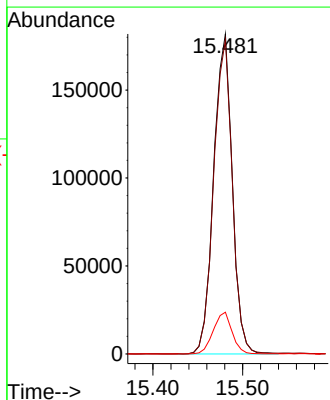
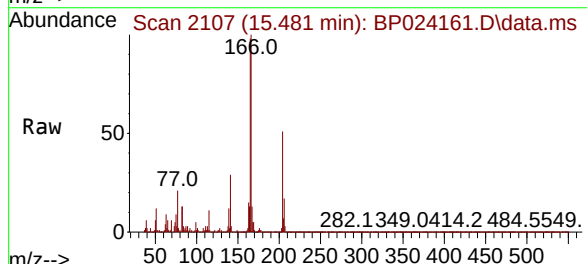
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

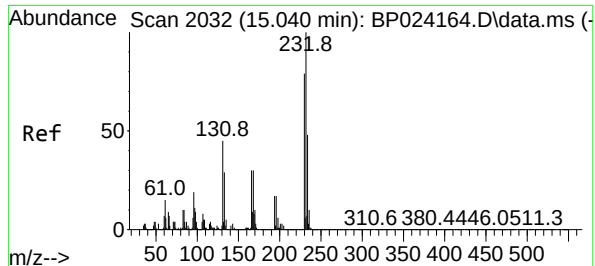
Tgt Ion:165 Resp: 58882
Ion Ratio Lower Upper
165 100
63 39.8 29.0 43.6
89 78.5 54.2 81.4
182 3.0 2.3 3.5



#58
Fluorene
Concen: 4.629 ng
RT: 15.481 min Scan# 2107
Delta R.T. 0.012 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:166 Resp: 261676
Ion Ratio Lower Upper
166 100
165 98.2 77.6 116.4
167 13.1 10.8 16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 4.441 ng

RT: 15.045 min Scan# 2032

Delta R.T. 0.006 min

Lab File: BP024161.D

Acq: 12 Mar 2025 16:57

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:232 Resp: 63120

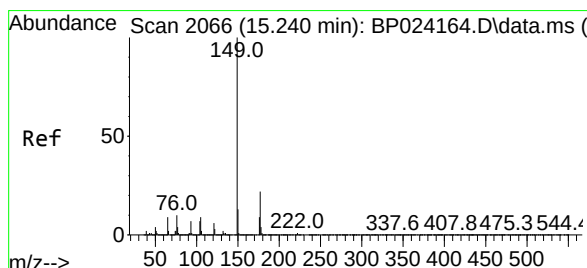
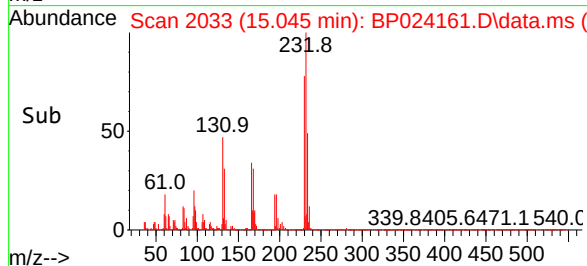
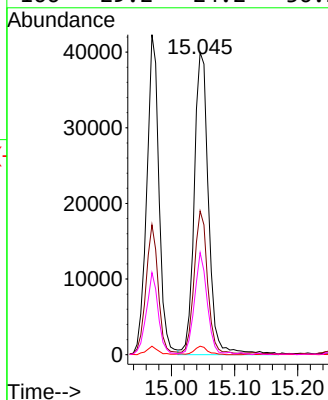
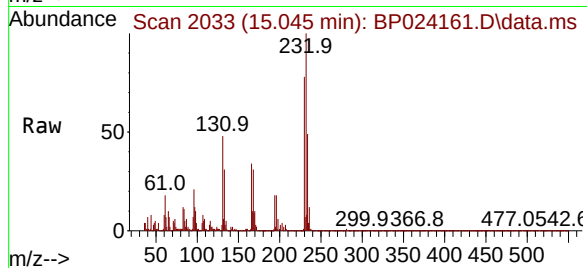
Ion Ratio Lower Upper

232 100

131 43.5 35.9 53.9

130 2.6 1.8 2.6

166 29.2 24.2 36.2



#60

Diethylphthalate

Concen: 4.631 ng

RT: 15.251 min Scan# 2068

Delta R.T. 0.012 min

Lab File: BP024161.D

Acq: 12 Mar 2025 16:57

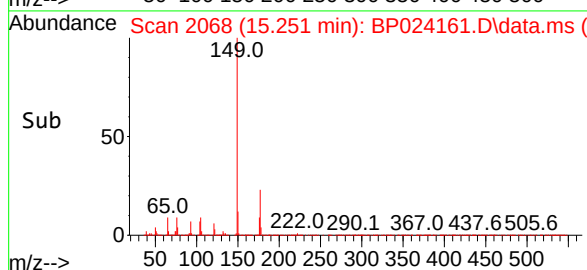
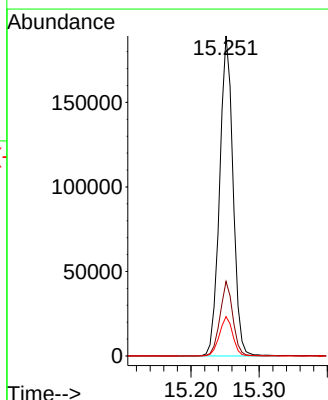
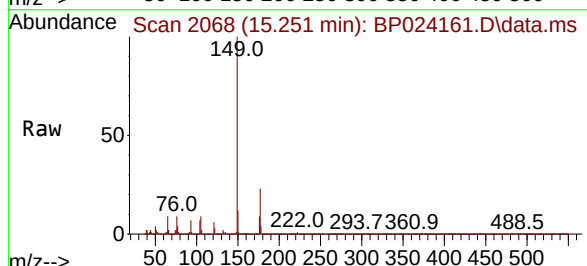
Tgt Ion:149 Resp: 259242

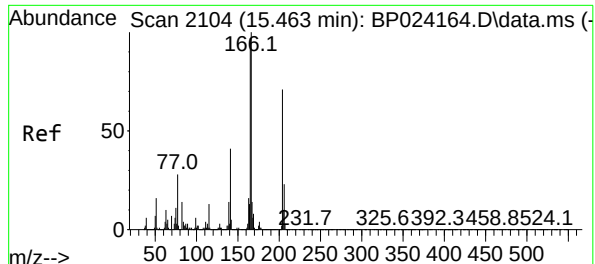
Ion Ratio Lower Upper

149 100

177 23.3 17.7 26.5

150 12.3 10.2 15.4

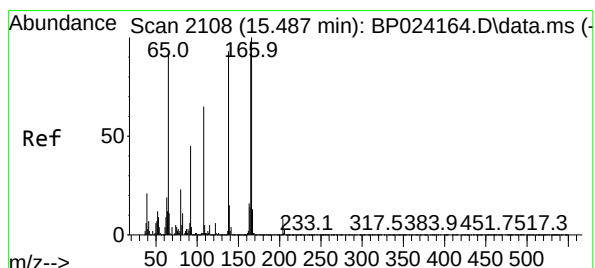
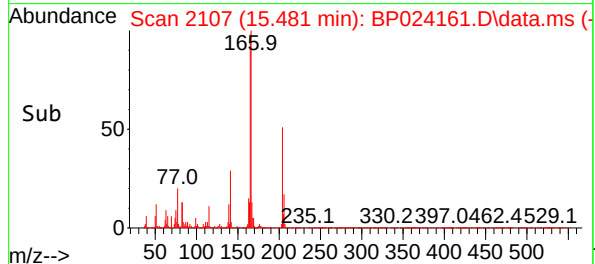
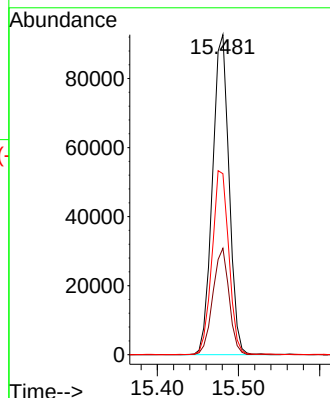
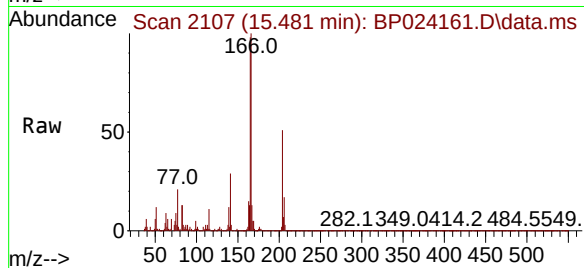




#61
4-Chlorophenyl-phenylether
Concen: 4.724 ng
RT: 15.481 min Scan# 2110
Delta R.T. 0.018 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

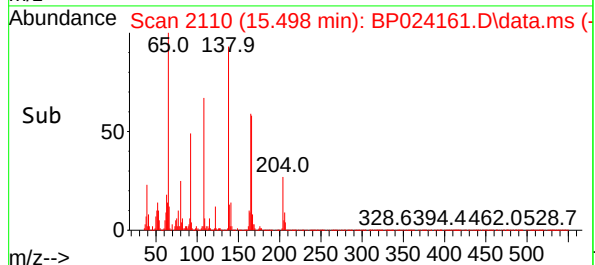
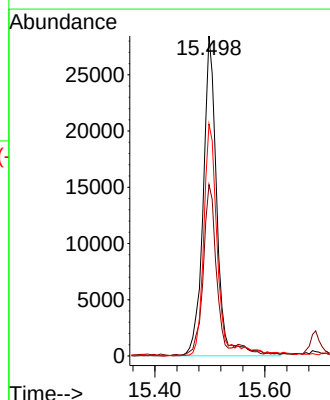
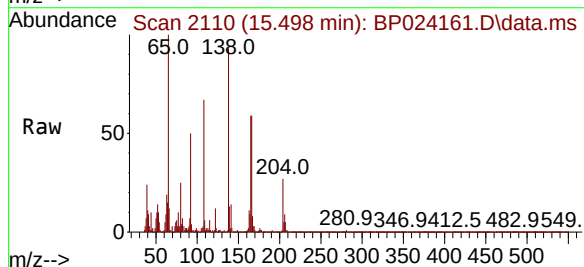
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

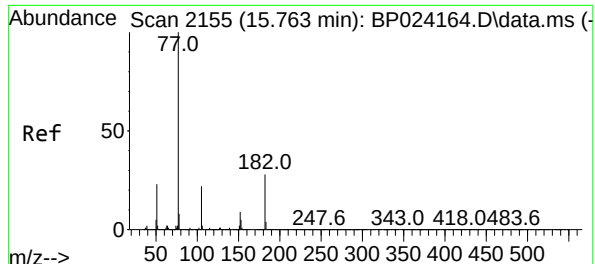
Tgt Ion:204 Resp: 131441
Ion Ratio Lower Upper
204 100
206 33.2 26.4 39.6
141 56.6 45.8 68.8



#62
4-Nitroaniline
Concen: 3.871 ng
RT: 15.498 min Scan# 2110
Delta R.T. 0.012 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:138 Resp: 49239
Ion Ratio Lower Upper
138 100
92 53.6 28.7 68.7
108 72.5 49.5 89.5

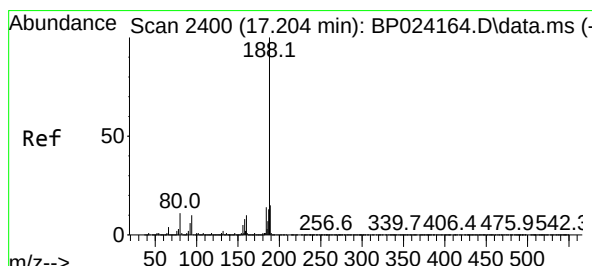
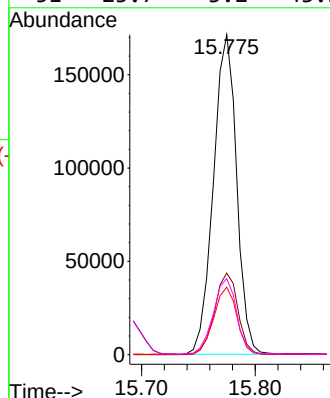
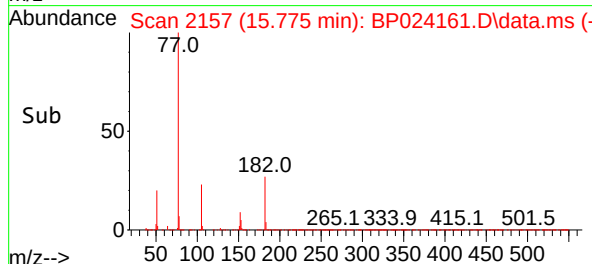
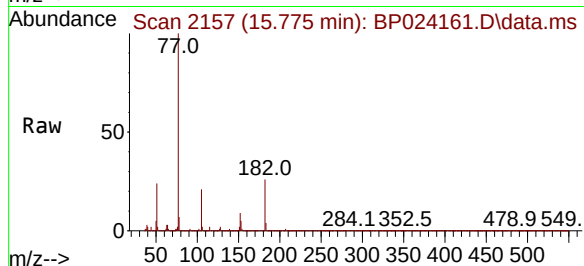




#63
Azobenzene
Concen: 4.628 ng
RT: 15.775 min Scan# 2155
Delta R.T. 0.012 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

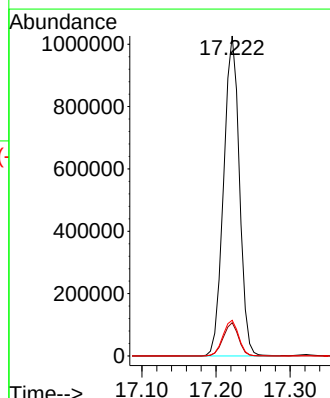
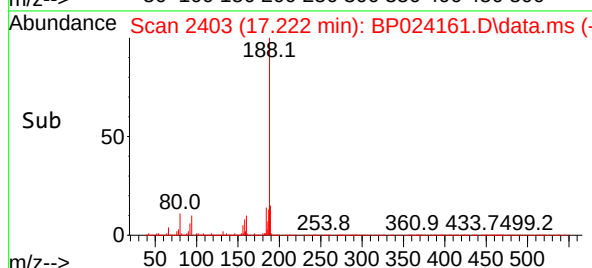
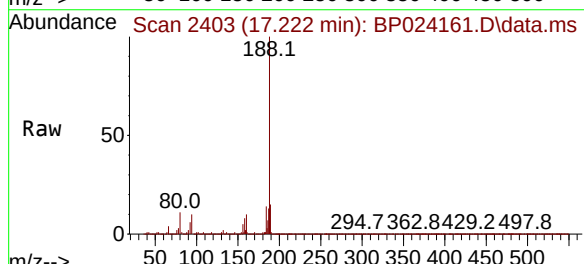
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

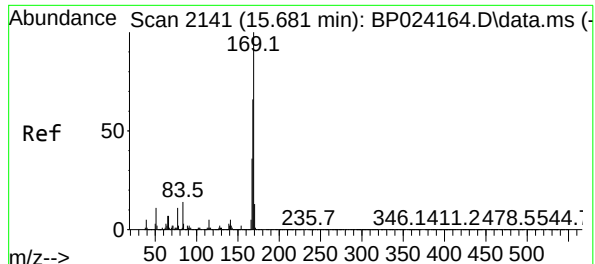
Tgt Ion: 77	Resp: 242768
Ion Ratio	Lower Upper
77	100
182	25.5 7.7 47.7
105	21.1 2.3 42.3
51	23.7 3.2 43.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.222 min Scan# 2403
Delta R.T. 0.018 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion: 188	Resp: 1516956
Ion Ratio	Lower Upper
188	100
94	10.4 8.1 12.1
80	11.2 8.9 13.3

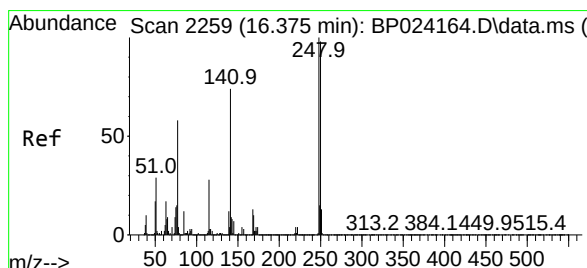
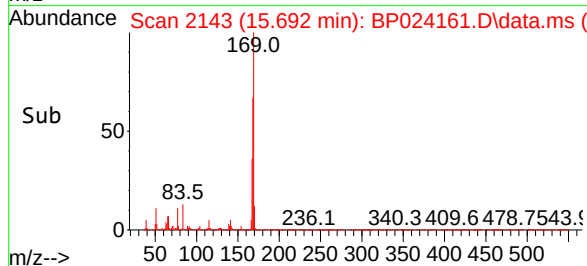
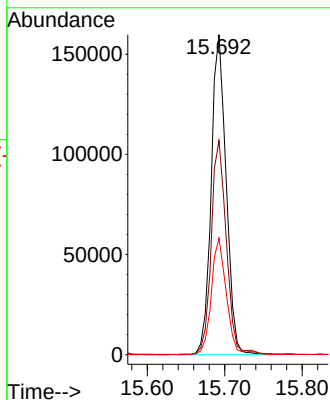
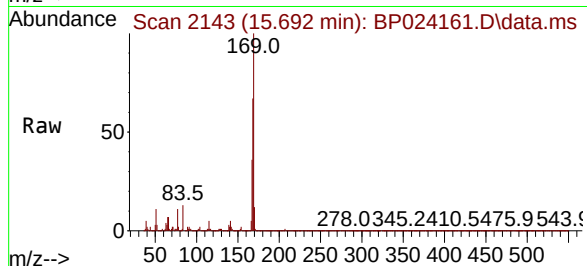




#66
n-Nitrosodiphenylamine
Concen: 4.522 ng
RT: 15.692 min Scan# 2143
Delta R.T. 0.012 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

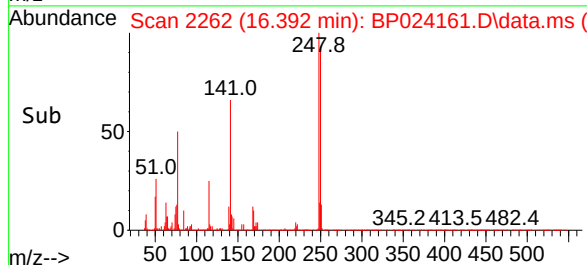
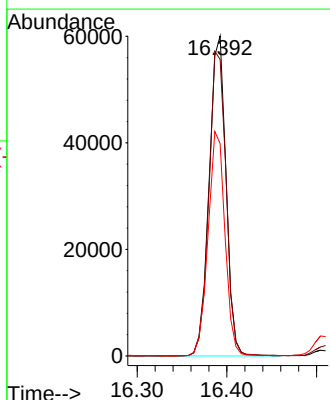
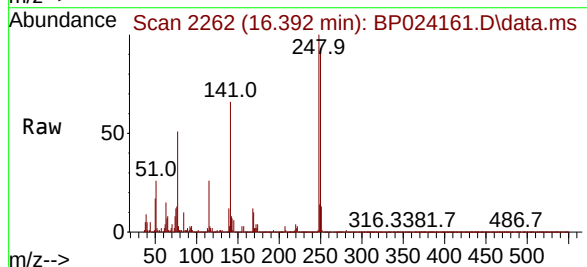
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

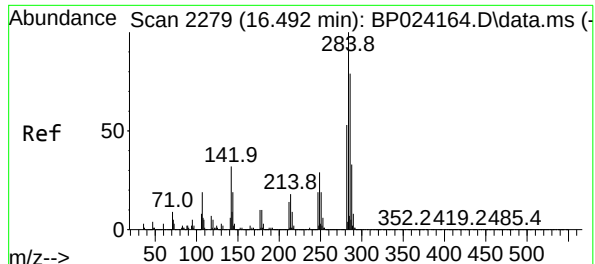
Tgt Ion:169 Resp: 213927
Ion Ratio Lower Upper
169 100
168 66.9 52.9 79.3
167 36.4 28.8 43.2



#67
4-Bromophenyl-phenylether
Concen: 4.597 ng
RT: 16.392 min Scan# 2262
Delta R.T. 0.018 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:248 Resp: 78309
Ion Ratio Lower Upper
248 100
250 92.7 78.4 117.6
141 66.4 59.4 89.0

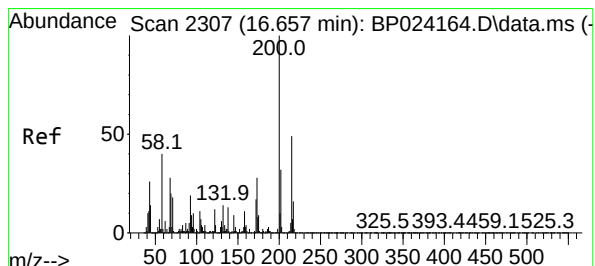
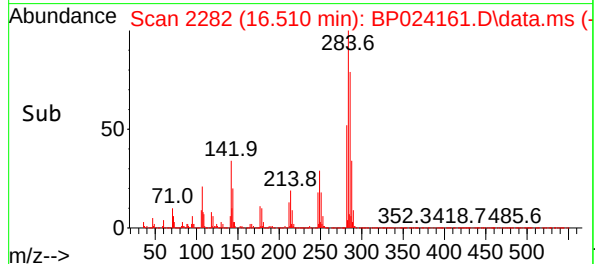
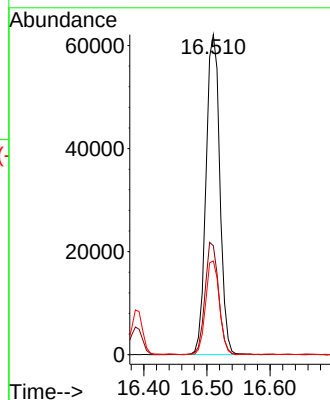
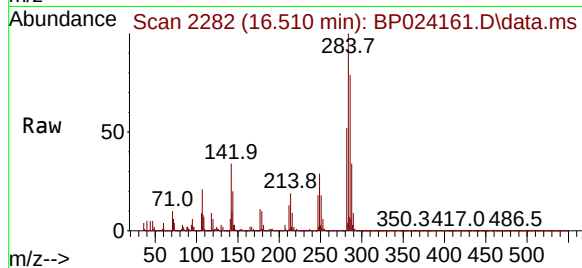




#68
Hexachlorobenzene
Concen: 4.696 ng
RT: 16.510 min Scan# 21
Delta R.T. 0.018 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

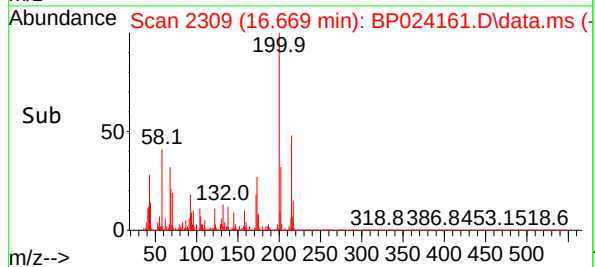
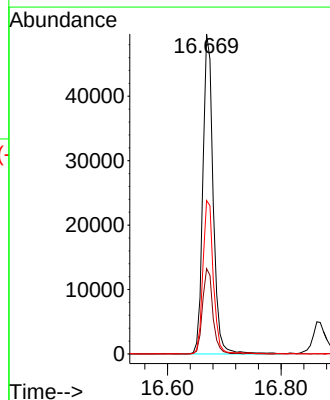
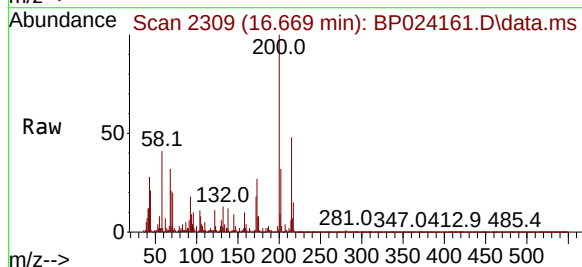
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

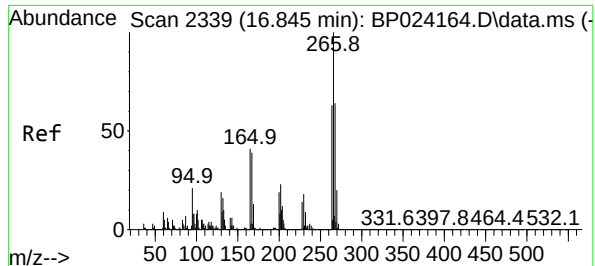
Tgt Ion:284 Resp: 94130
Ion Ratio Lower Upper
284 100
142 34.1 25.4 38.2
249 29.3 23.5 35.3



#69
Atrazine
Concen: 5.152 ng
RT: 16.669 min Scan# 2309
Delta R.T. 0.012 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:200 Resp: 62551
Ion Ratio Lower Upper
200 100
173 26.6 7.6 47.6
215 47.9 29.0 69.0

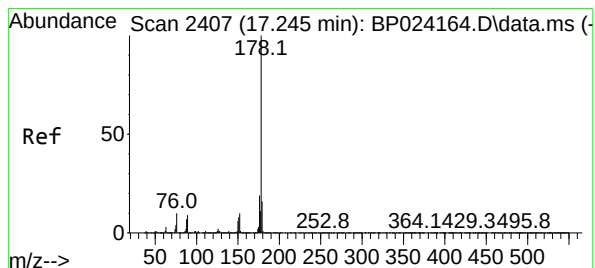
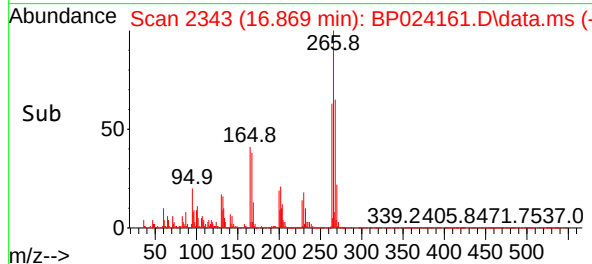
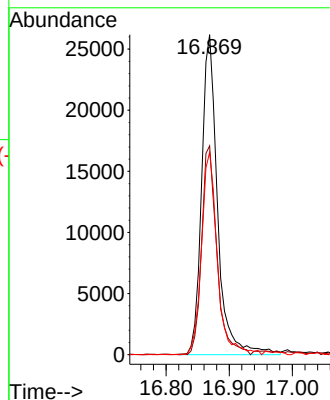
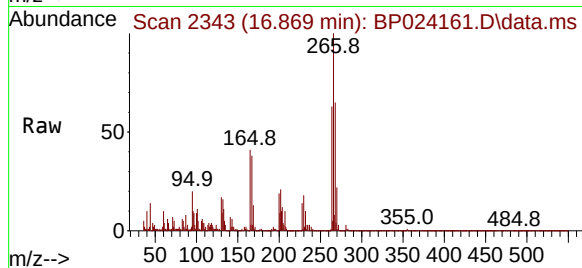




#70
Pentachlorophenol
Concen: 3.525 ng
RT: 16.869 min Scan# 21
Delta R.T. 0.024 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

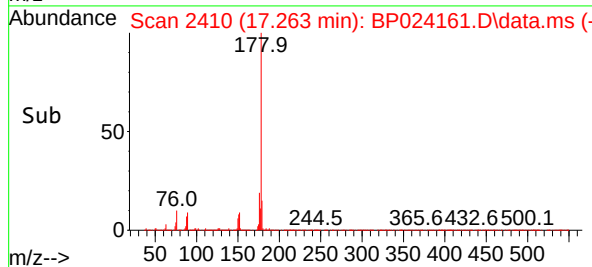
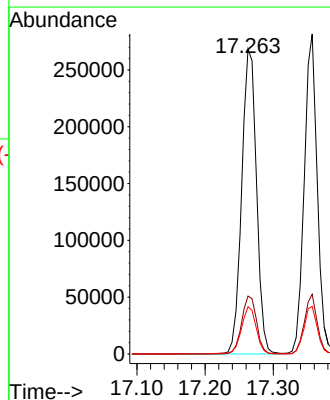
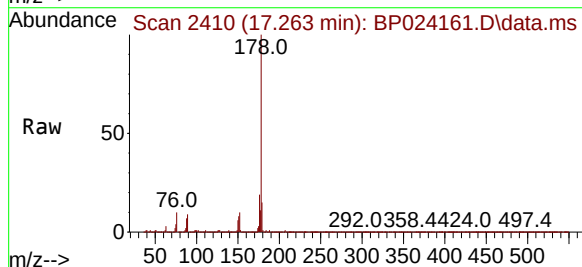
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

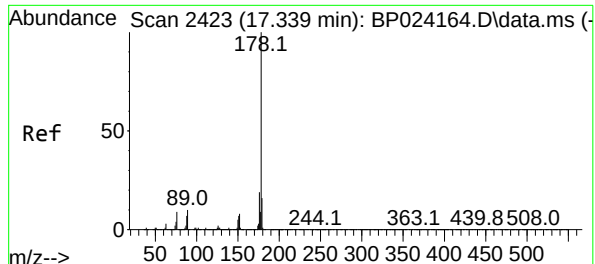
Tgt Ion:266 Resp: 45885
Ion Ratio Lower Upper
266 100
268 65.2 51.3 76.9
264 63.3 50.6 76.0



#71
Phenanthrene
Concen: 4.734 ng
RT: 17.263 min Scan# 2410
Delta R.T. 0.018 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:178 Resp: 404881
Ion Ratio Lower Upper
178 100
176 19.0 15.6 23.4
179 15.5 12.5 18.7

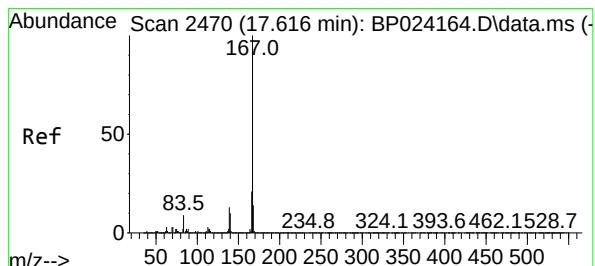
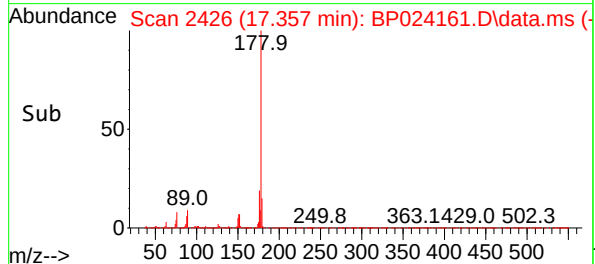
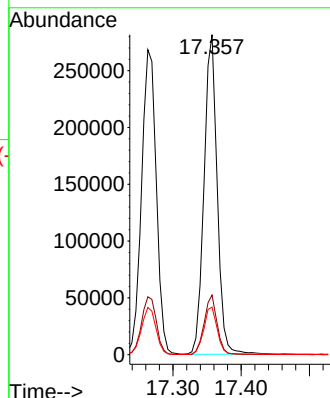
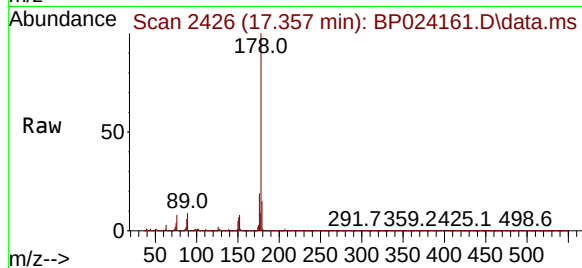




#72
Anthracene
Concen: 4.595 ng
RT: 17.357 min Scan# 2423
Delta R.T. 0.018 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

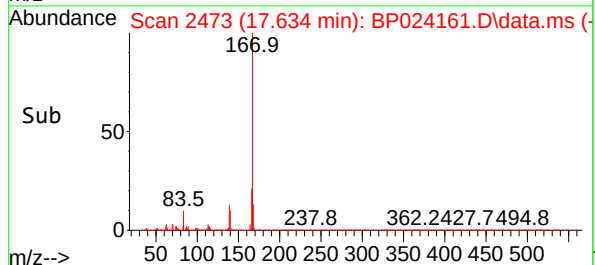
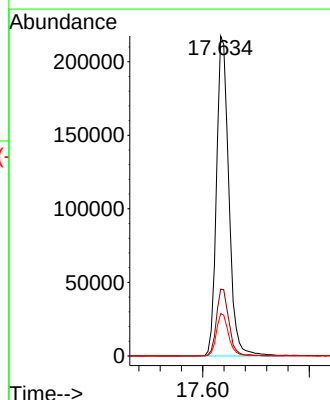
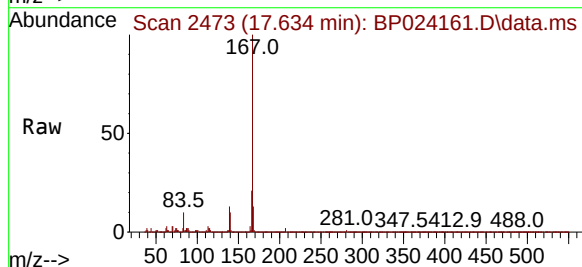
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

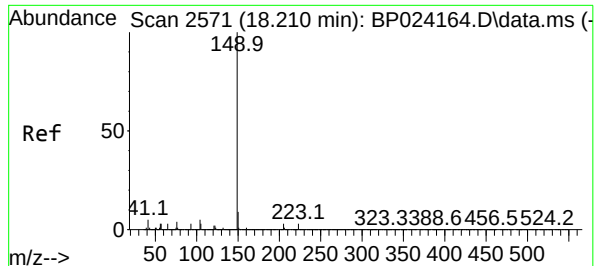
Tgt Ion:178 Resp: 376601
Ion Ratio Lower Upper
178 100
176 18.7 15.2 22.8
179 14.8 12.6 18.8



#73
Carbazole
Concen: 4.469 ng
RT: 17.634 min Scan# 2473
Delta R.T. 0.018 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:167 Resp: 349000
Ion Ratio Lower Upper
167 100
166 20.9 17.1 25.7
139 13.3 10.2 15.4

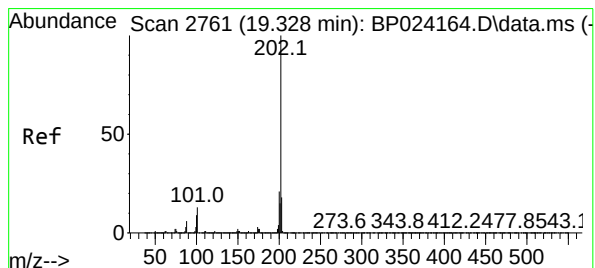
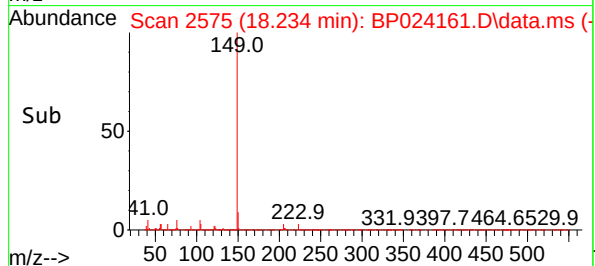
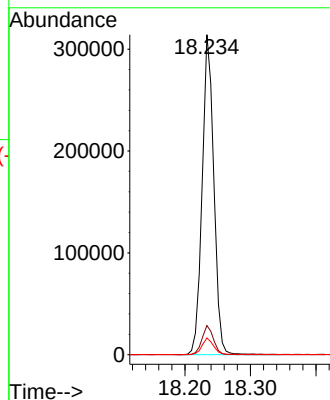
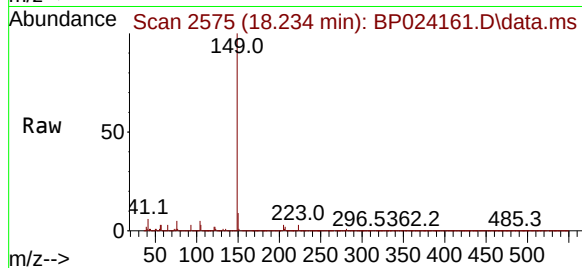




#74
Di-n-butylphthalate
Concen: 4.270 ng
RT: 18.234 min Scan# 2571
Delta R.T. 0.024 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

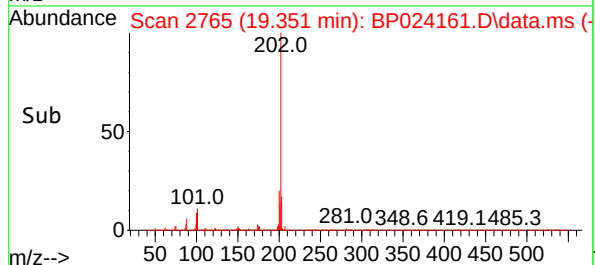
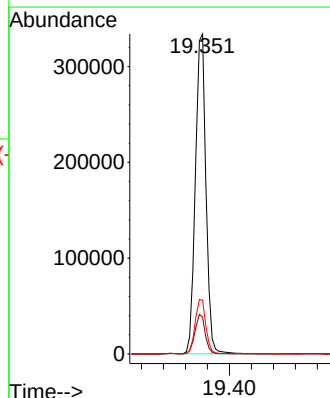
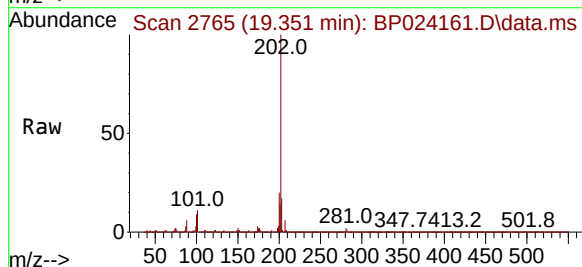
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

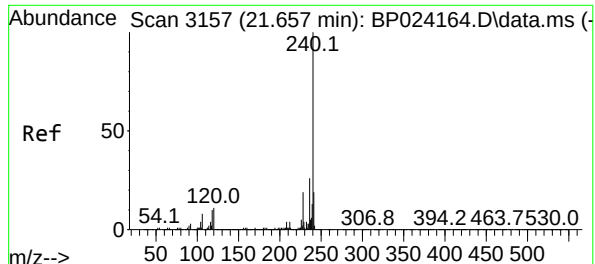
Tgt Ion:149 Resp: 389057
Ion Ratio Lower Upper
149 100
150 9.1 7.6 11.4
104 5.2 3.9 5.9



#75
Fluoranthene
Concen: 4.597 ng
RT: 19.351 min Scan# 2765
Delta R.T. 0.024 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:202 Resp: 444670
Ion Ratio Lower Upper
202 100
101 11.5 0.0 32.5
203 16.8 0.0 37.9

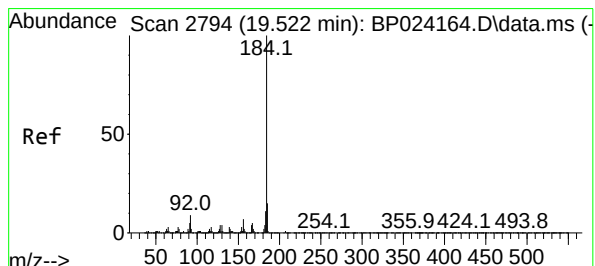
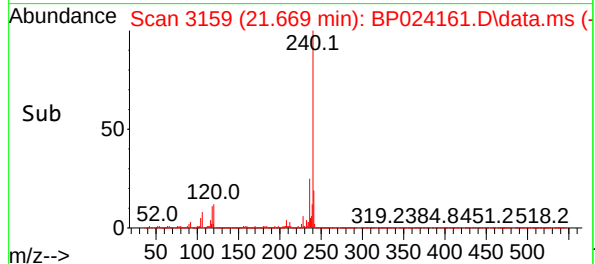
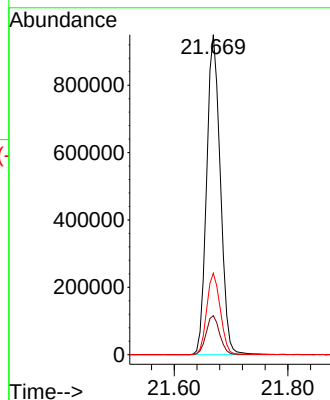
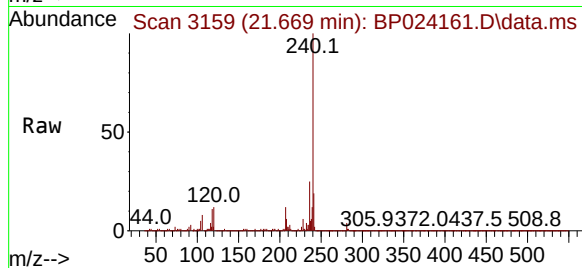




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.669 min Scan# 3157
Delta R.T. 0.012 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

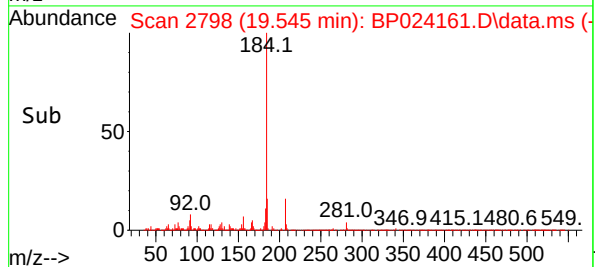
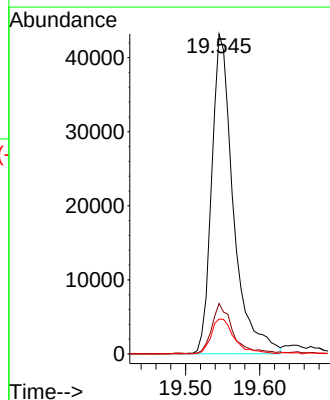
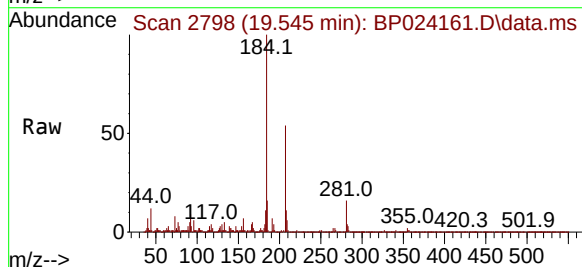
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

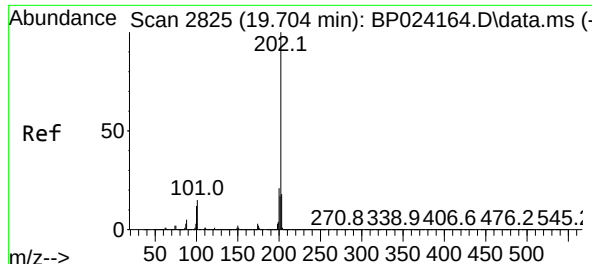
Tgt Ion:240 Resp: 1578855
Ion Ratio Lower Upper
240 100
120 12.2 9.2 13.8
236 25.5 20.4 30.6



#77
Benzidine
Concen: 4.562 ng
RT: 19.545 min Scan# 2798
Delta R.T. 0.024 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:184 Resp: 87777
Ion Ratio Lower Upper
184 100
185 15.7 11.8 17.6
183 10.9 9.1 13.7





#78

Pyrene

Concen: 4.634 ng

RT: 19.722 min Scan# 2828

Delta R.T. 0.018 min

Lab File: BP024161.D

Acq: 12 Mar 2025 16:57

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

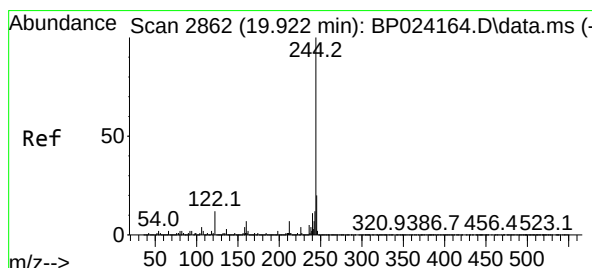
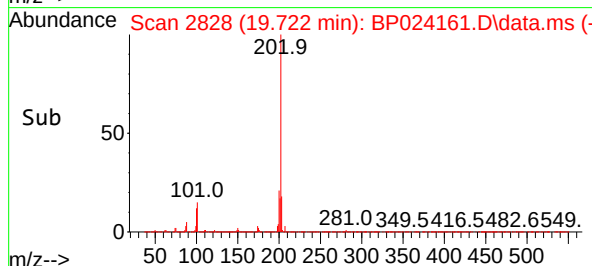
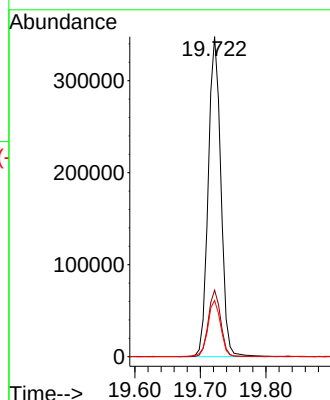
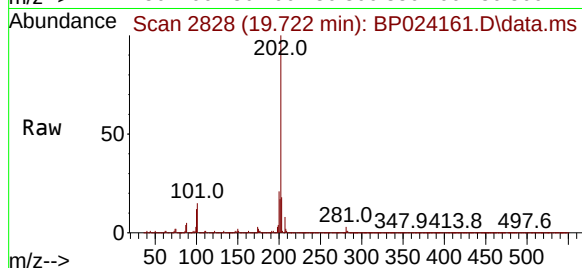
Tgt Ion:202 Resp: 464704

Ion Ratio Lower Upper

202 100

200 20.8 17.1 25.7

203 17.6 14.2 21.4



#79

Terphenyl-d14

Concen: 9.563 ng

RT: 19.951 min Scan# 2867

Delta R.T. 0.029 min

Lab File: BP024161.D

Acq: 12 Mar 2025 16:57

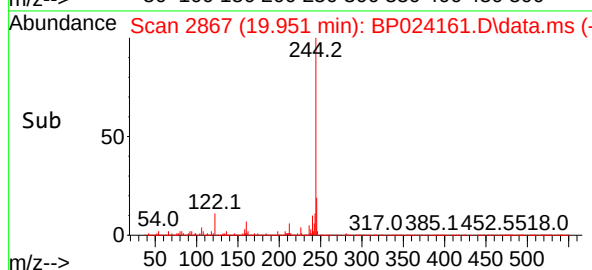
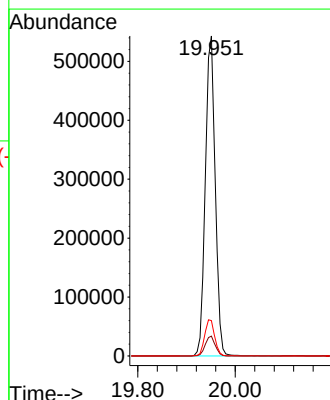
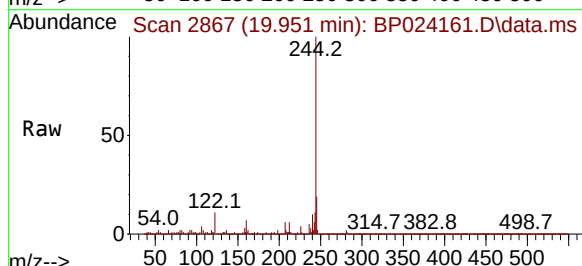
Tgt Ion:244 Resp: 763023

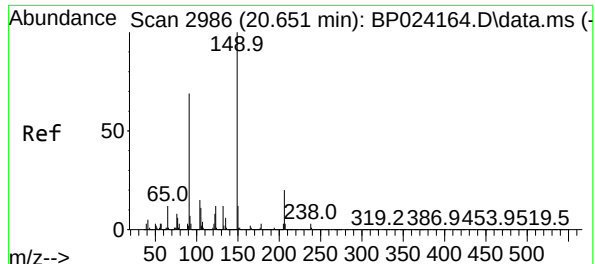
Ion Ratio Lower Upper

244 100

212 6.2 5.7 8.5

122 11.1 9.6 14.4

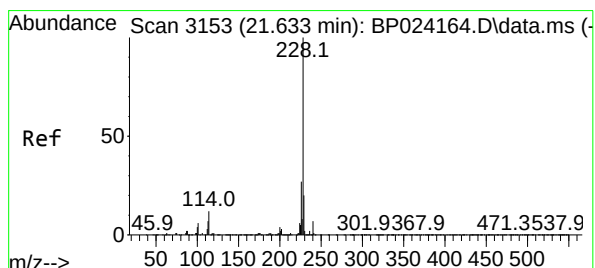
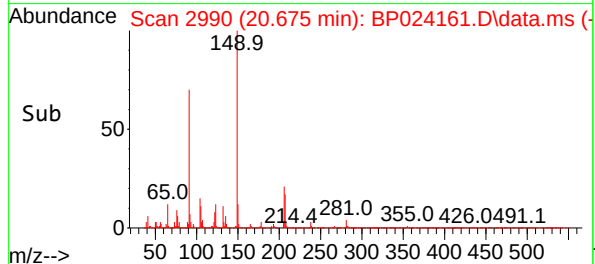
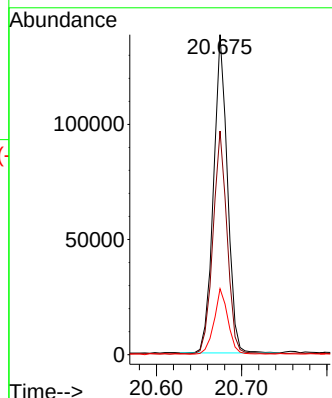
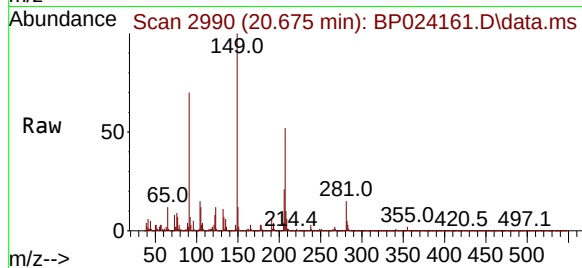




#80
Butylbenzylphthalate
Concen: 4.101 ng
RT: 20.675 min Scan# 2986
Delta R.T. 0.024 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

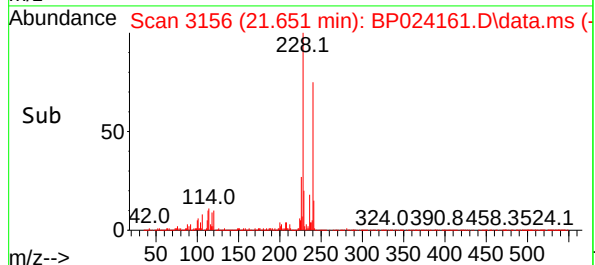
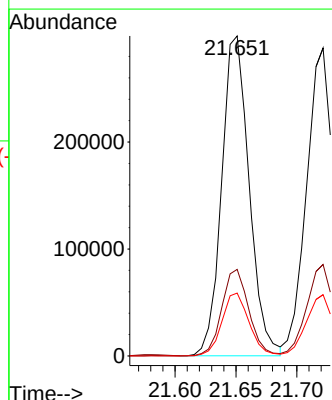
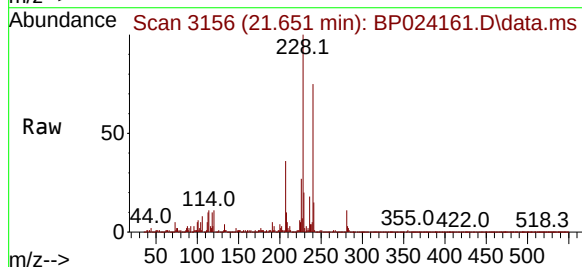
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

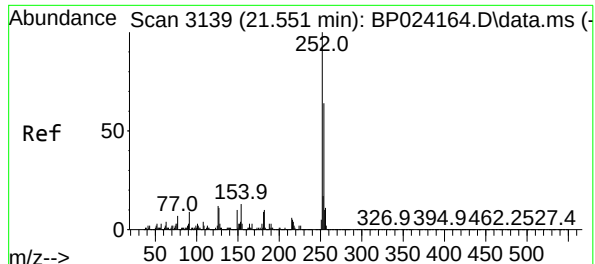
Tgt Ion:149 Resp: 157601
Ion Ratio Lower Upper
149 100
91 69.9 55.3 82.9
206 20.6 16.1 24.1



#81
Benzo(a)anthracene
Concen: 4.761 ng
RT: 21.651 min Scan# 3156
Delta R.T. 0.018 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:228 Resp: 471347
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 19.6 16.0 24.0





#82

3,3'-Dichlorobenzidine

Concen: 4.336 ng

RT: 21.580 min Scan# 3144

Delta R.T. 0.029 min

Lab File: BP024161.D

Acq: 12 Mar 2025 16:57

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

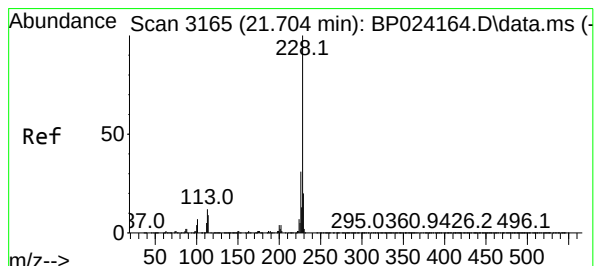
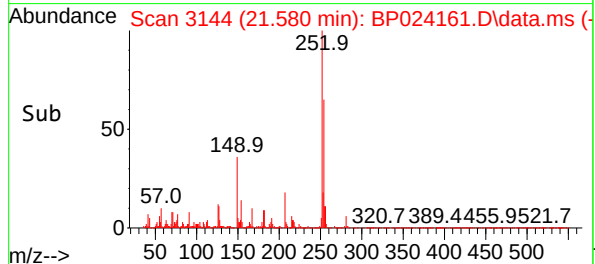
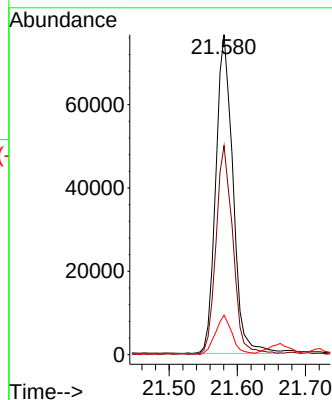
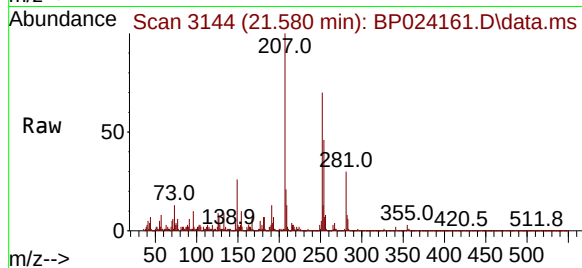
Tgt Ion:252 Resp: 134146

Ion Ratio Lower Upper

252 100

254 65.3 51.4 77.2

126 12.4 9.3 13.9



#83

Chrysene

Concen: 4.898 ng

RT: 21.722 min Scan# 3168

Delta R.T. 0.018 min

Lab File: BP024161.D

Acq: 12 Mar 2025 16:57

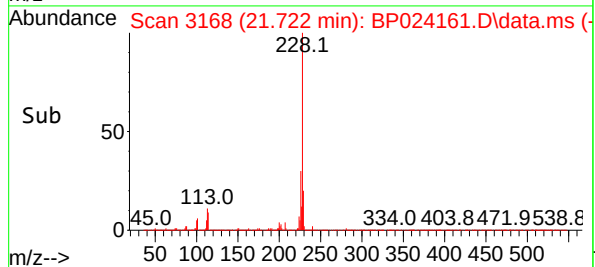
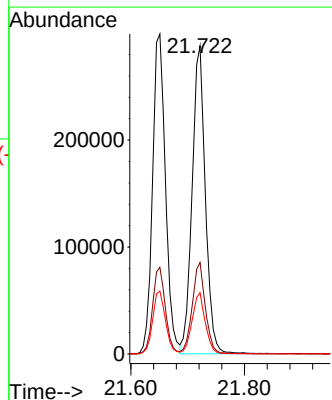
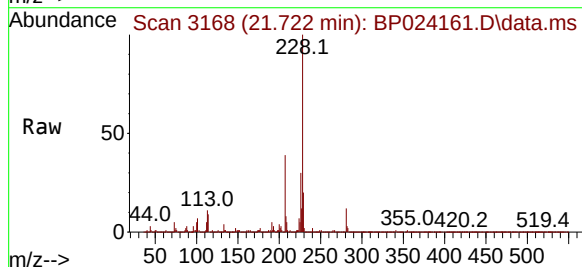
Tgt Ion:228 Resp: 467600

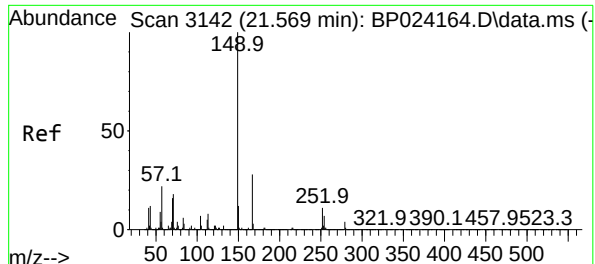
Ion Ratio Lower Upper

228 100

226 29.7 24.5 36.7

229 19.9 16.2 24.2

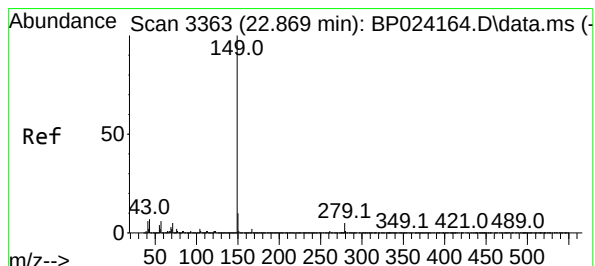
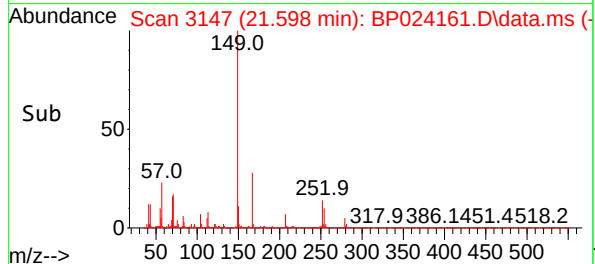
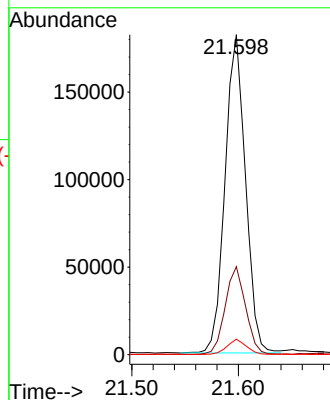
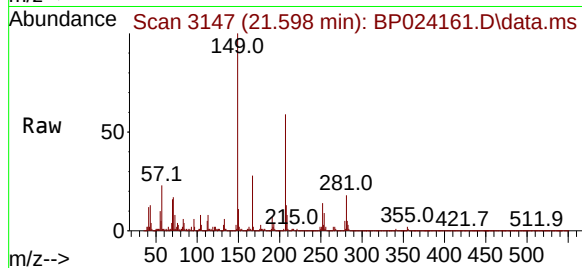




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.153 ng
RT: 21.598 min Scan# 3142
Delta R.T. 0.029 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

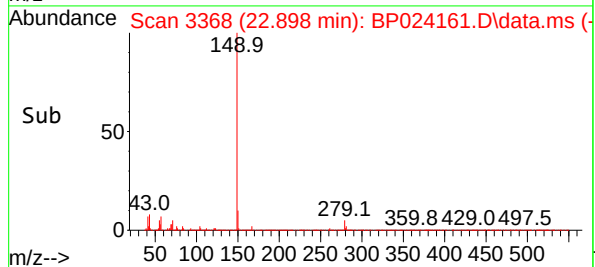
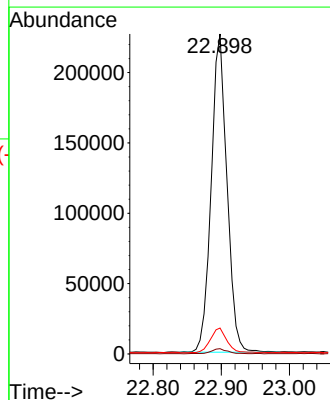
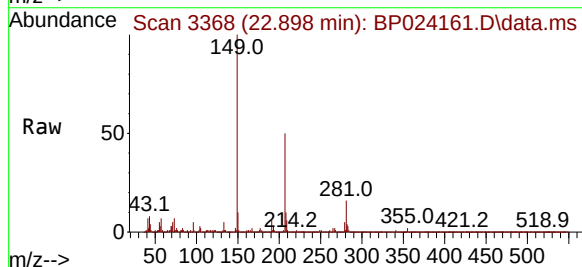
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

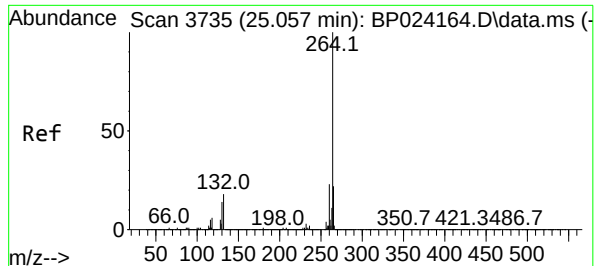
Tgt Ion:149 Resp: 242048
Ion Ratio Lower Upper
149 100
167 27.5 22.5 33.7
279 4.8 3.6 5.4



#85
Di-n-octyl phthalate
Concen: 3.905 ng
RT: 22.898 min Scan# 3368
Delta R.T. 0.029 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:149 Resp: 363786
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.2 5.8 8.8

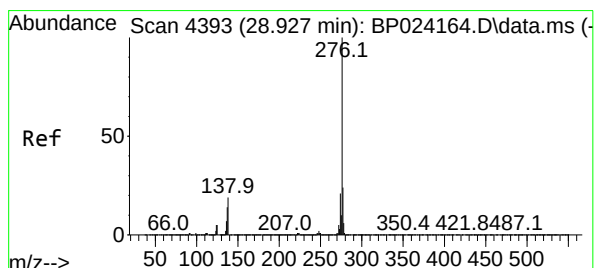
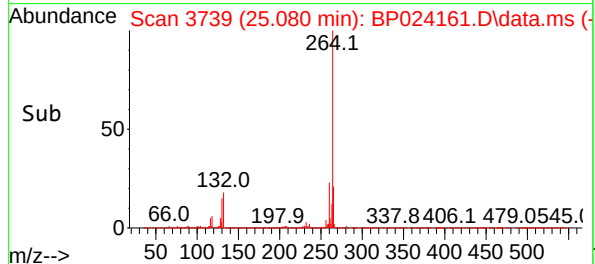
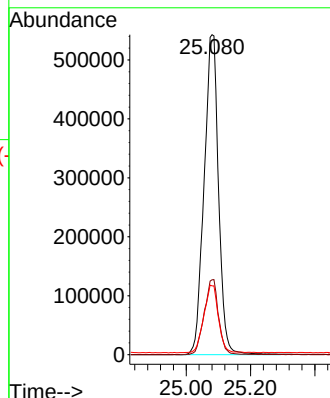
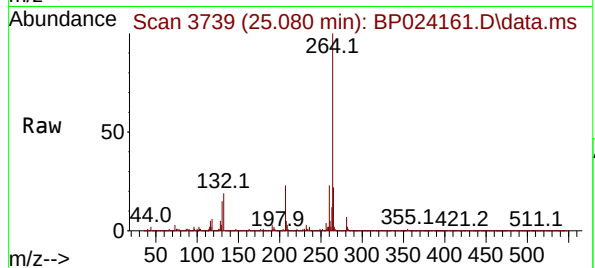




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.080 min Scan# 31
Delta R.T. 0.024 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

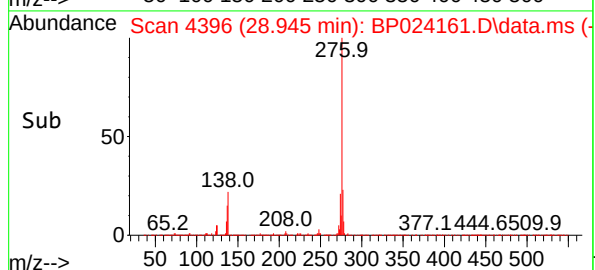
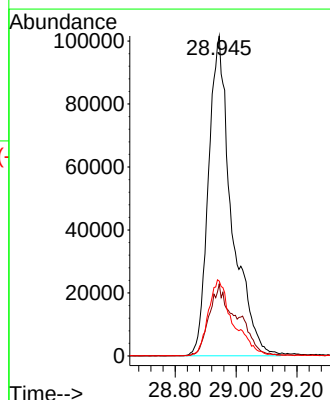
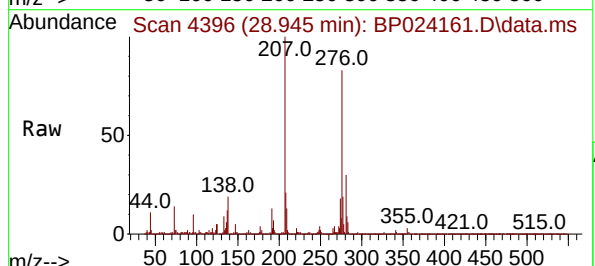
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

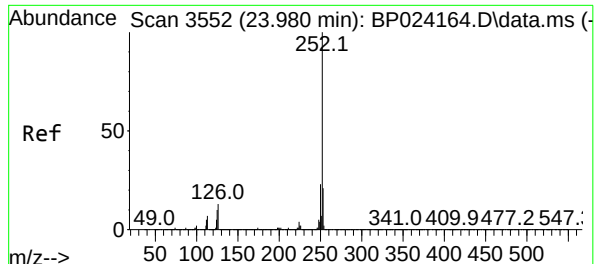
Tgt Ion:264 Resp: 1694453
Ion Ratio Lower Upper
264 100
260 23.4 18.5 27.7
265 21.5 17.7 26.5



#87
Indeno(1,2,3-cd)pyrene
Concen: 4.476 ng
RT: 28.945 min Scan# 4396
Delta R.T. 0.018 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:276 Resp: 539523
Ion Ratio Lower Upper
276 100
138 20.0 13.7 20.5
277 25.2 20.2 30.2

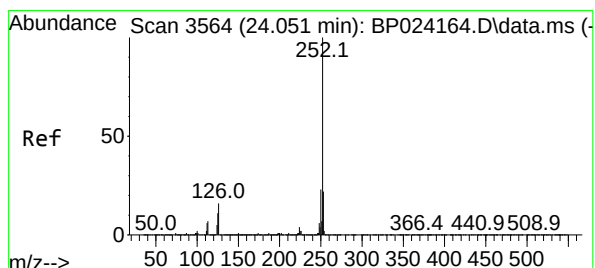
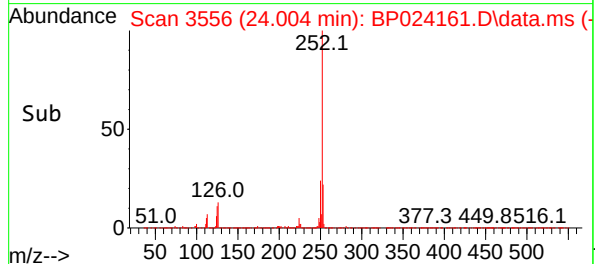
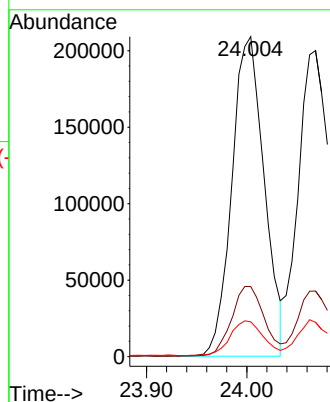
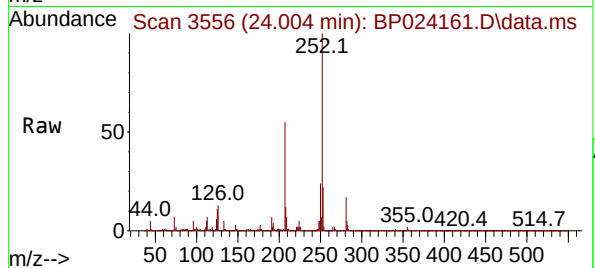




#88
Benzo(b)fluoranthene
Concen: 4.344 ng
RT: 24.004 min Scan# 3556
Delta R.T. 0.024 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

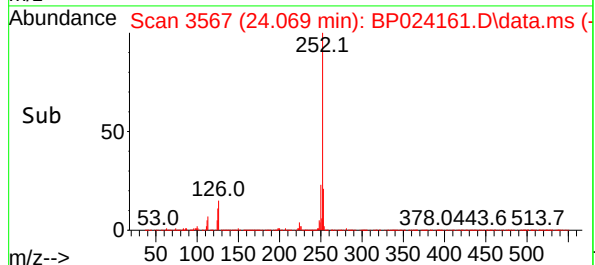
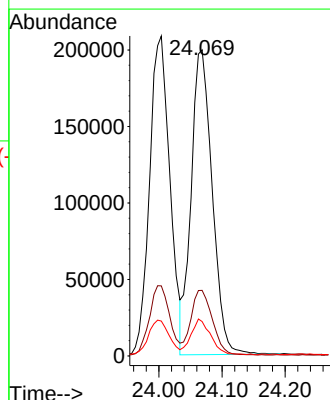
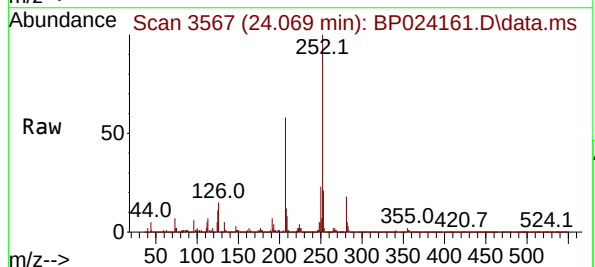
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

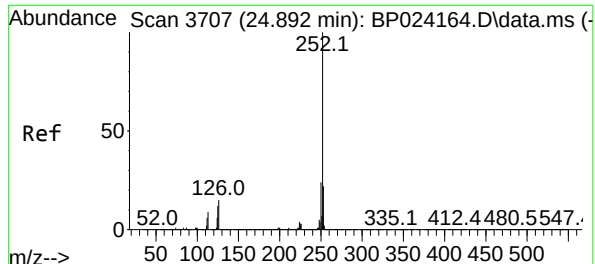
Tgt Ion:252 Resp: 467406
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 10.9 8.2 12.4



#89
Benzo(k)fluoranthene
Concen: 4.417 ng
RT: 24.069 min Scan# 3567
Delta R.T. 0.018 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:252 Resp: 462653
Ion Ratio Lower Upper
252 100
253 21.4 17.7 26.5
125 11.3 9.1 13.7

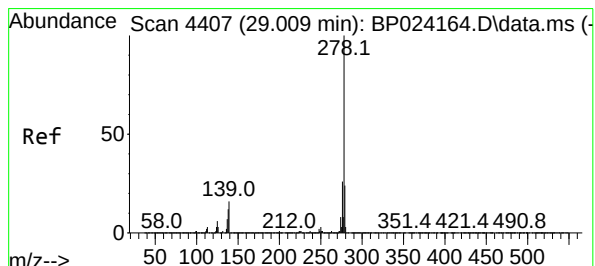
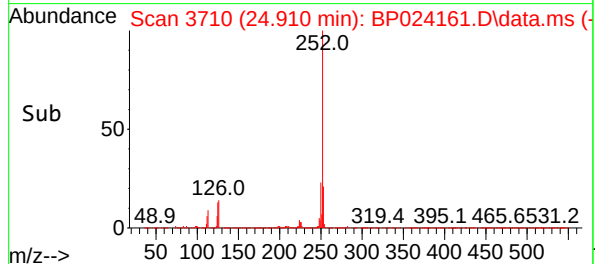
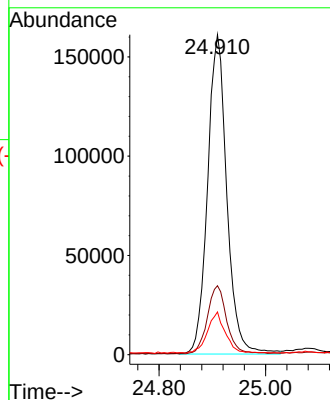
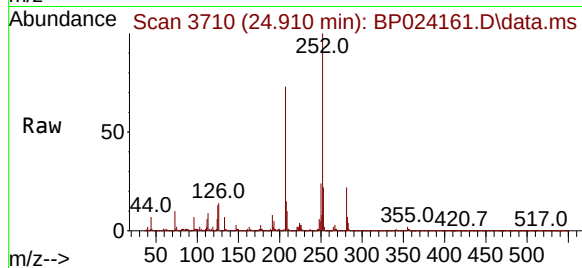




#90
Benzo(a)pyrene
Concen: 4.421 ng
RT: 24.910 min Scan# 31
Delta R.T. 0.018 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

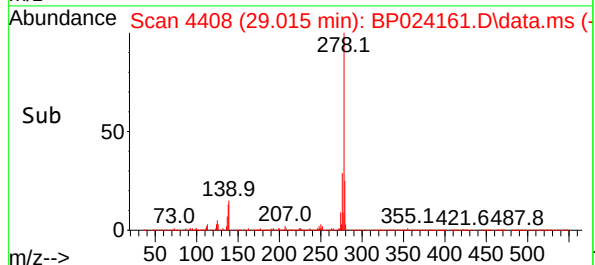
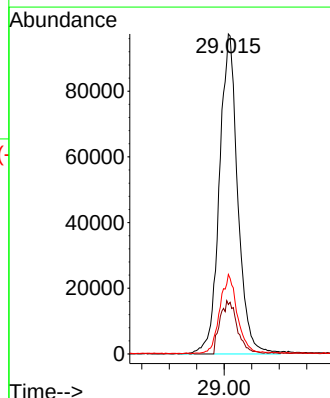
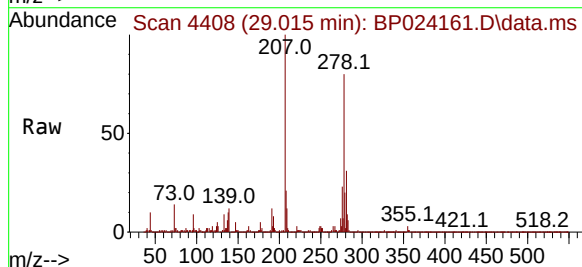
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

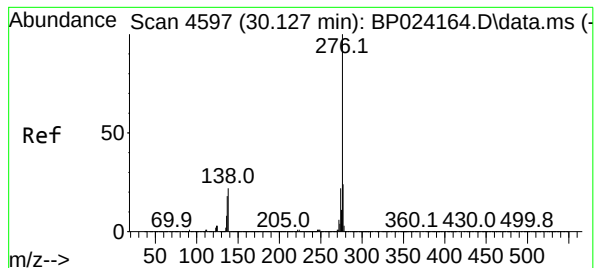
Tgt Ion:252 Resp: 403692
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.0
125 13.4 9.6 14.4



#91
Dibenzo(a,h)anthracene
Concen: 4.444 ng
RT: 29.015 min Scan# 4408
Delta R.T. 0.006 min
Lab File: BP024161.D
Acq: 12 Mar 2025 16:57

Tgt Ion:278 Resp: 450461
Ion Ratio Lower Upper
278 100
139 15.4 13.0 19.4
279 24.8 18.8 28.2





#92

Benzo(g,h,i)perylene

Concen: 4.518 ng

RT: 30.133 min Scan# 4

Delta R.T. 0.006 min

Lab File: BP024161.D

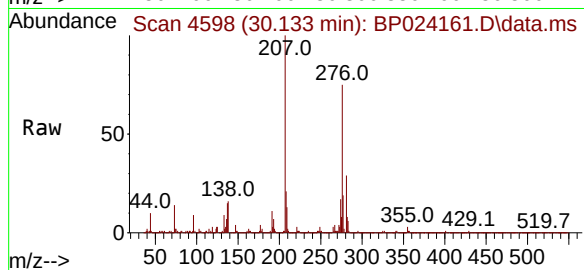
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Instrument :

BNA_P

ClientSampleId :

SSTDICC005



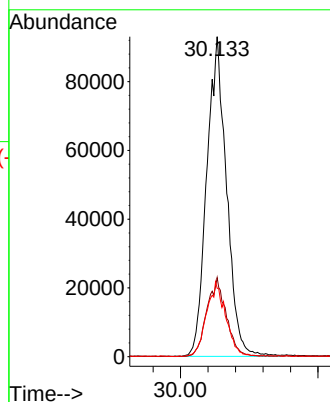
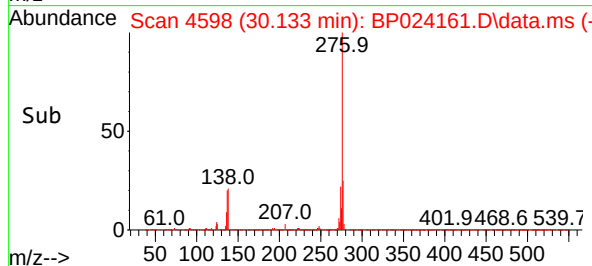
Tgt Ion:276 Resp: 464721

Ion Ratio Lower Upper

276 100

277 24.7 19.2 28.8

138 21.4 17.4 26.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
 Data File : BP024162.D
 Acq On : 12 Mar 2025 17:38
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC010

Quant Time: Mar 13 04:06:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 04:01:12 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	350891	20.000	ng	0.00
21) Naphthalene-d8	10.546	136	1459823	20.000	ng	0.00
39) Acenaphthene-d10	14.404	164	878356	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	1659965	20.000	ng	0.00
76) Chrysene-d12	21.680	240	1774754	20.000	ng	0.02
86) Perylene-d12	25.074	264	1895165	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	419093	18.636	ng	0.00
7) Phenol-d6	6.946	99	554588	19.188	ng	0.00
23) Nitrobenzene-d5	8.916	82	493399	18.856	ng	0.00
42) 2,4,6-Tribromophenol	15.916	330	195393	18.161	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	1192744	18.984	ng	0.00
79) Terphenyl-d14	19.939	244	1726609	19.251	ng	0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.323	88	87630	9.934	ng	99
3) Pyridine	3.723	79	222685	9.709	ng	99
4) n-Nitrosodimethylamine	3.623	42	76580	9.413	ng	# 93
6) Aniline	7.105	93	268532	10.145	ng	99
8) 2-Chlorophenol	7.340	128	229815	9.655	ng	99
9) Benzaldehyde	6.922	77	166528	12.620	ng	99
10) Phenol	6.975	94	286246	9.849	ng	99
11) bis(2-Chloroethyl)ether	7.199	93	231087	10.095	ng	98
12) 1,3-Dichlorobenzene	7.658	146	254039	9.715	ng	99
13) 1,4-Dichlorobenzene	7.805	146	258553	9.777	ng	100
14) 1,2-Dichlorobenzene	8.122	146	250124	9.856	ng	100
15) Benzyl Alcohol	8.005	79	169563	9.584	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.293	45	239855	10.794	ng	99
17) 2-Methylphenol	8.211	107	174913	9.876	ng	99
18) Hexachloroethane	8.840	117	89894	9.439	ng	98
19) n-Nitroso-di-n-propyla...	8.563	70	167789	10.797	ng	98
20) 3+4-Methylphenols	8.534	107	238685	9.906	ng	97
22) Acetophenone	8.581	105	357738	9.536	ng	# 99
24) Nitrobenzene	8.958	77	245585	9.536	ng	96
25) Isophorone	9.481	82	410357	9.590	ng	100
26) 2-Nitrophenol	9.669	139	103123	8.692	ng	98
27) 2,4-Dimethylphenol	9.728	122	144292	9.265	ng	99
28) bis(2-Chloroethoxy)met...	9.957	93	304956	9.838	ng	99
29) 2,4-Dichlorophenol	10.199	162	192263	9.046	ng	99
30) 1,2,4-Trichlorobenzene	10.410	180	227800	9.355	ng	98
31) Naphthalene	10.599	128	756826	9.642	ng	99
32) Benzoic acid	9.816	122	108330	7.587	ng	94
33) 4-Chloroaniline	10.705	127	260033	9.404	ng	98
34) Hexachlorobutadiene	10.887	225	130104	9.224	ng	98
35) Caprolactam	11.481	113	57479	8.931	ng	96
36) 4-Chloro-3-methylphenol	11.840	107	206744	9.462	ng	98
37) 2-Methylnaphthalene	12.210	142	498967	9.564	ng	99
38) 1-Methylnaphthalene	12.434	142	491304	9.680	ng	100
40) 1,2,4,5-Tetrachloroben...	12.581	216	246009	9.116	ng	100
41) Hexachlorocyclopentadiene	12.557	237	82803	8.245	ng	100
43) 2,4,6-Trichlorophenol	12.822	196	142353	8.649	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
 Data File : BP024162.D
 Acq On : 12 Mar 2025 17:38
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC010

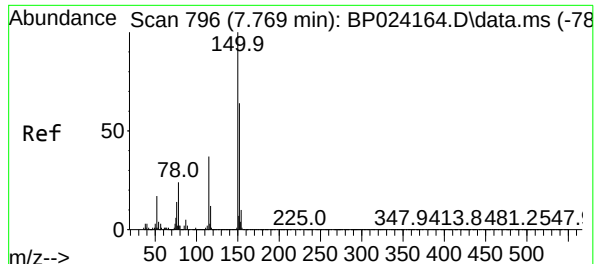
Quant Time: Mar 13 04:06:29 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 04:01:12 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.904	196	159135	8.841	ng	98
46) 1,1'-Biphenyl	13.228	154	647980	9.494	ng	99
47) 2-Chloronaphthalene	13.269	162	483199	9.365	ng	98
48) 2-Nitroaniline	13.475	65	110660	9.079	ng	94
49) Acenaphthylene	14.122	152	714937	9.405	ng	99
50) Dimethylphthalate	13.857	163	592520	9.563	ng	100
51) 2,6-Dinitrotoluene	13.975	165	116661	9.243	ng	95
52) Acenaphthene	14.469	154	463749	9.473	ng	99
53) 3-Nitroaniline	14.304	138	121229	9.001	ng	90
54) 2,4-Dinitrophenol	14.516	184	47409	7.053	ng	94
55) Dibenzofuran	14.810	168	769059	9.671	ng	99
56) 4-Nitrophenol	14.634	139	95936	8.246	ng	92
57) 2,4-Dinitrotoluene	14.775	165	146673	8.946	ng	93
58) Fluorene	15.475	166	589720	9.495	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.045	232	141666	9.071	ng	99
60) Diethylphthalate	15.240	149	586933	9.543	ng	100
61) 4-Chlorophenyl-phenyle...	15.463	204	289728	9.478	ng	99
62) 4-Nitroaniline	15.487	138	128152	9.169	ng	99
63) Azobenzene	15.763	77	549569	9.535	ng	97
65) 4,6-Dinitro-2-methylph...	15.545	198	70717	7.361	ng	92
66) n-Nitrosodiphenylamine	15.687	169	484111	9.352	ng	98
67) 4-Bromophenyl-phenylether	16.381	248	171620	9.207	ng	97
68) Hexachlorobenzene	16.492	284	206475	9.414	ng	98
69) Atrazine	16.663	200	142226	10.706	ng	99
70) Pentachlorophenol	16.857	266	116455	8.175	ng	100
71) Phenanthrene	17.257	178	878834	9.391	ng	99
72) Anthracene	17.351	178	839953	9.366	ng	99
73) Carbazole	17.634	167	809266	9.471	ng	99
74) Di-n-butylphthalate	18.228	149	930693	9.335	ng	99
75) Fluoranthene	19.351	202	1012600	9.566	ng	98
77) Benzidine	19.545	184	176282	8.151	ng	99
78) Pyrene	19.722	202	1056004	9.367	ng	99
80) Butylbenzylphthalate	20.675	149	390890	9.049	ng	99
81) Benzo(a)anthracene	21.657	228	1059397	9.520	ng	99
82) 3,3'-Dichlorobenzidine	21.569	252	327195	9.409	ng	99
83) Chrysene	21.727	228	1028579	9.585	ng	98
84) Bis(2-ethylhexyl)phtha...	21.592	149	601388	9.181	ng	99
85) Di-n-octyl phthalate	22.904	149	916941	8.757	ng	99
87) Indeno(1,2,3-cd)pyrene	28.951	276	1221650	9.061	ng	# 93
88) Benzo(b)fluoranthene	24.004	252	1057737	8.789	ng	99
89) Benzo(k)fluoranthene	24.074	252	1076560	9.190	ng	99
90) Benzo(a)pyrene	24.927	252	908542	8.896	ng	99
91) Dibenzo(a,h)anthracene	29.021	278	1026140	9.052	ng	99
92) Benzo(g,h,i)perylene	30.145	276	1049241	9.121	ng	99

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

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

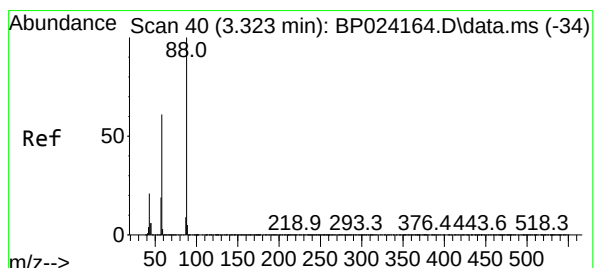
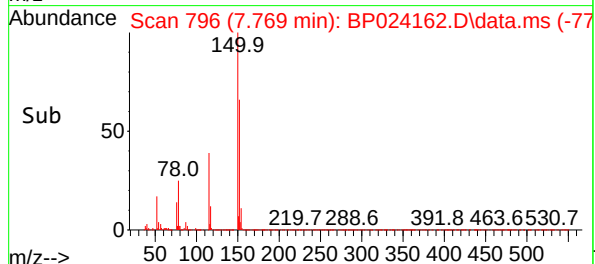
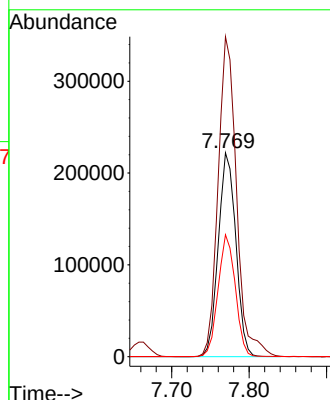
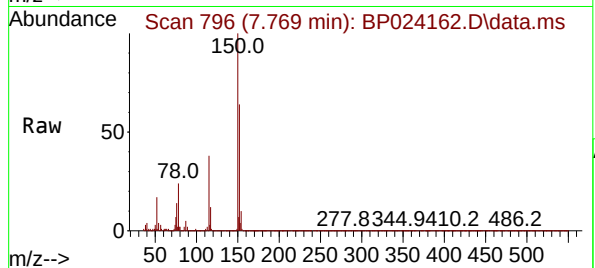
[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 796
Delta R.T. 0.000 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

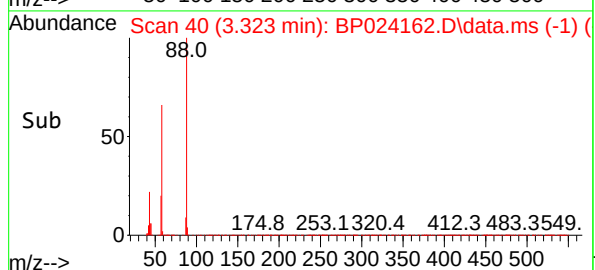
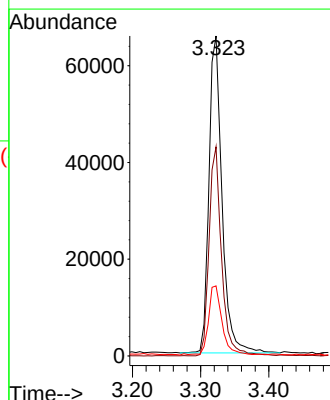
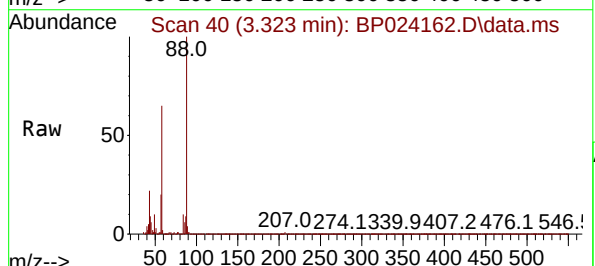
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

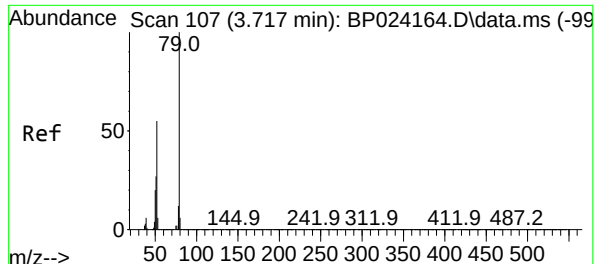
Tgt Ion:152 Resp: 350891
Ion Ratio Lower Upper
152 100
150 156.9 125.5 188.3
115 59.8 46.3 69.5



#2
1,4-Dioxane
Concen: 9.934 ng
RT: 3.323 min Scan# 40
Delta R.T. 0.000 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion: 88 Resp: 87630
Ion Ratio Lower Upper
88 100
58 62.8 49.8 74.6
43 21.8 17.3 25.9

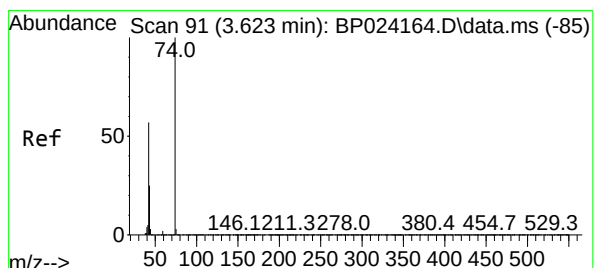
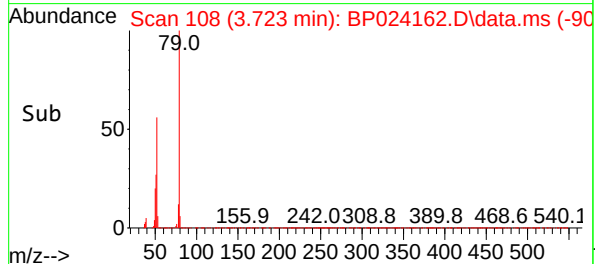
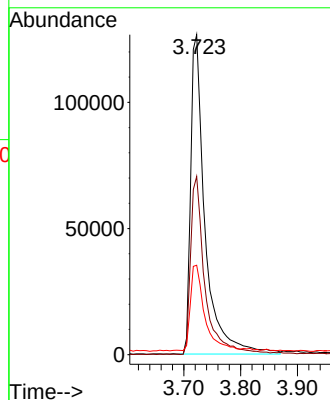
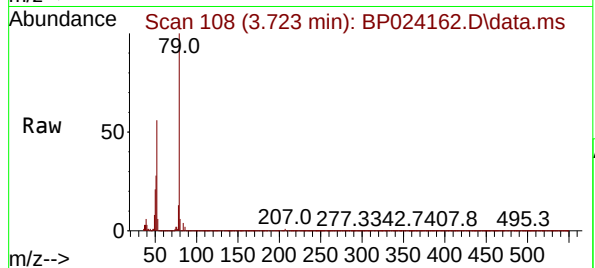




#3
Pyridine
Concen: 9.709 ng
RT: 3.723 min Scan# 107
Delta R.T. 0.006 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

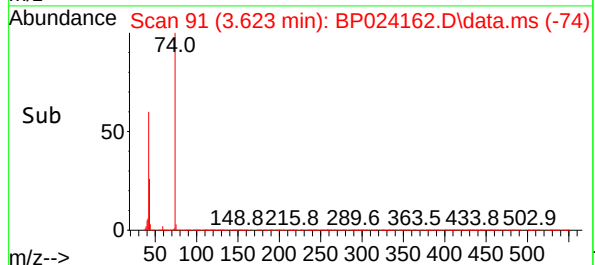
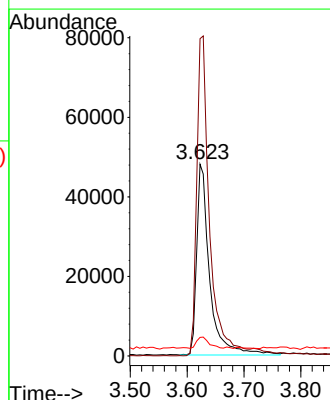
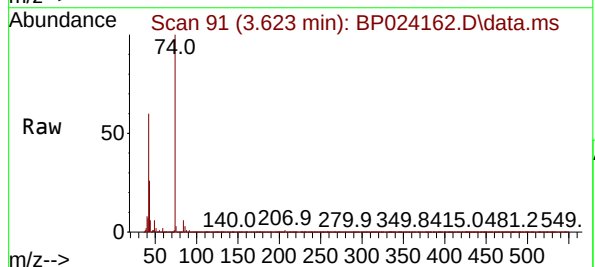
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

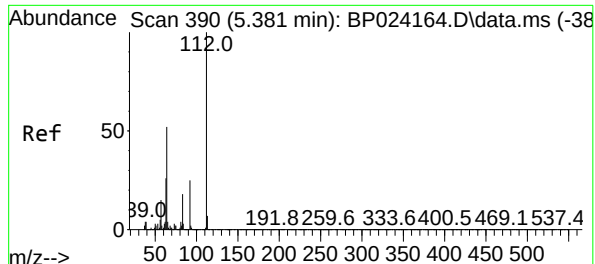
Tgt Ion: 79 Resp: 222685
Ion Ratio Lower Upper
79 100
52 55.7 43.8 65.8
51 28.0 21.6 32.4



#4
n-Nitrosodimethylamine
Concen: 9.413 ng
RT: 3.623 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion: 42 Resp: 76580
Ion Ratio Lower Upper
42 100
74 165.6 139.8 209.6
44 9.7 5.3 7.9





#5

2-Fluorophenol

Concen: 18.636 ng

RT: 5.381 min Scan# 390

Delta R.T. 0.000 min

Lab File: BP024162.D

Acq: 12 Mar 2025 17:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

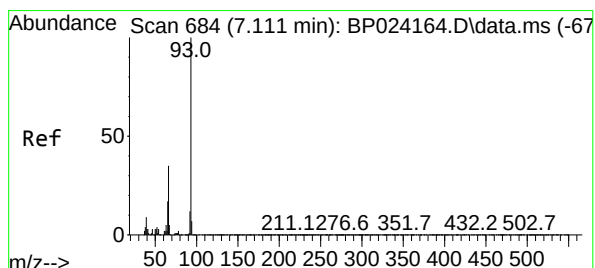
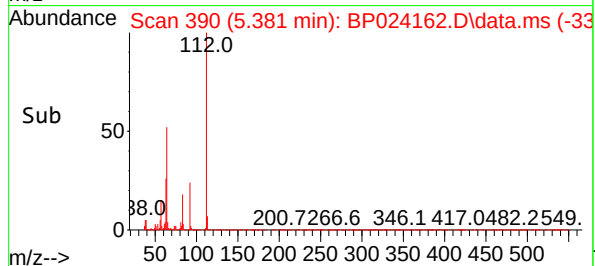
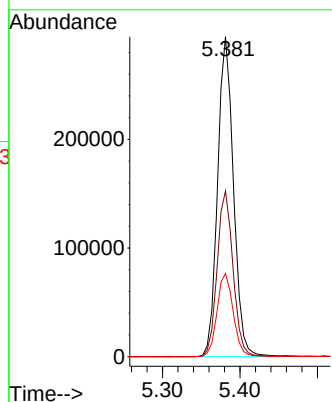
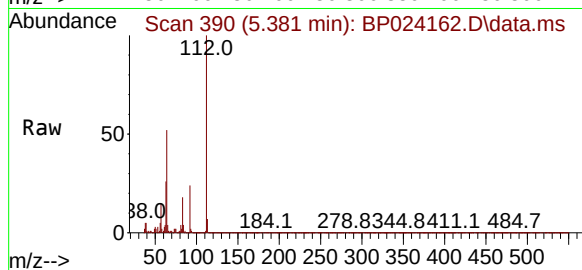
Tgt Ion:112 Resp: 419093

Ion Ratio Lower Upper

112 100

64 51.8 41.3 61.9

63 26.0 20.6 31.0



#6

Aniline

Concen: 10.145 ng

RT: 7.105 min Scan# 683

Delta R.T. -0.006 min

Lab File: BP024162.D

Acq: 12 Mar 2025 17:38

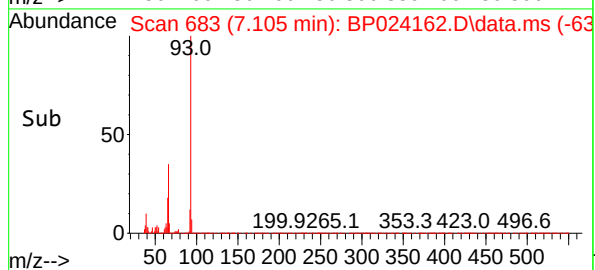
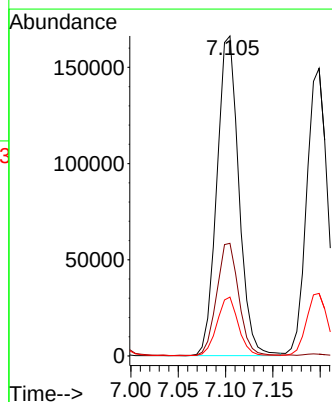
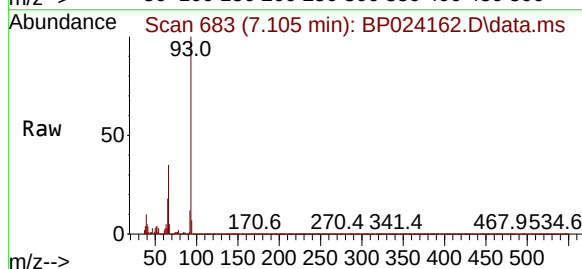
Tgt Ion: 93 Resp: 268532

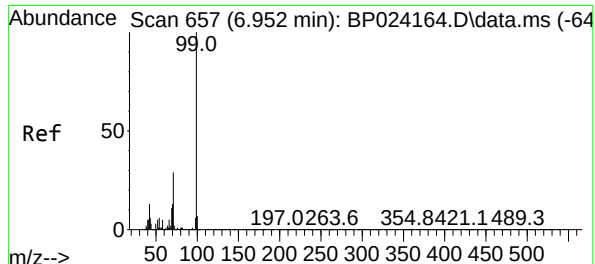
Ion Ratio Lower Upper

93 100

66 35.2 28.2 42.2

65 18.4 14.0 21.0





#7

Phenol-d6

Concen: 19.188 ng

RT: 6.946 min Scan# 61

Delta R.T. -0.006 min

Lab File: BP024162.D

Acq: 12 Mar 2025 17:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

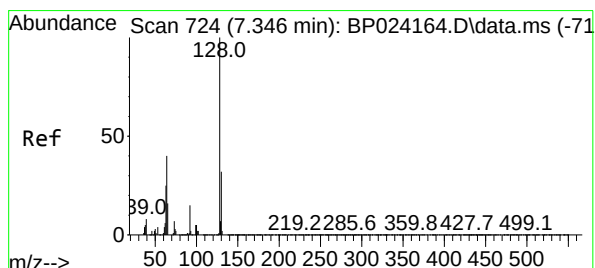
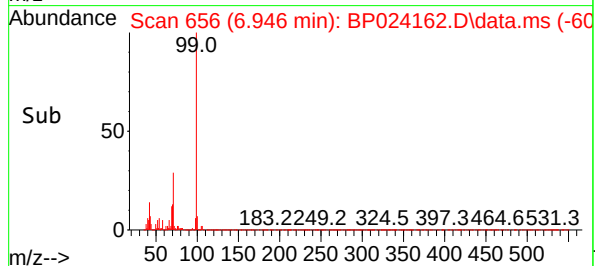
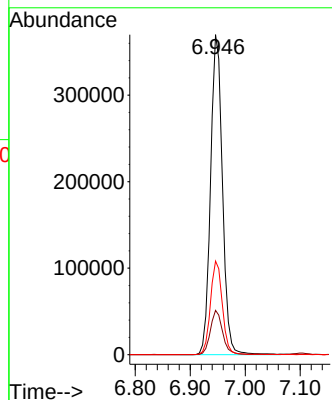
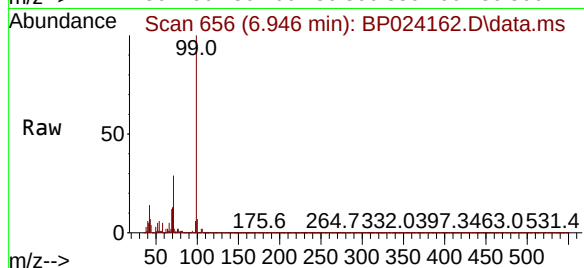
Tgt Ion: 99 Resp: 554588

Ion Ratio Lower Upper

99 100

42 13.9 10.6 16.0

71 29.3 23.3 34.9



#8

2-Chlorophenol

Concen: 9.655 ng

RT: 7.340 min Scan# 723

Delta R.T. -0.006 min

Lab File: BP024162.D

Acq: 12 Mar 2025 17:38

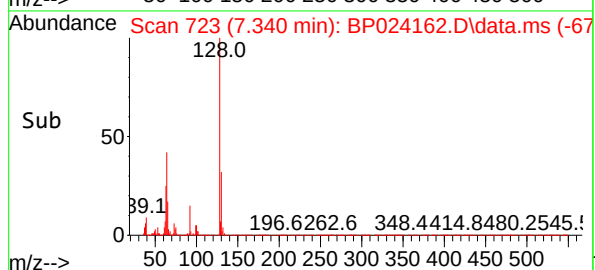
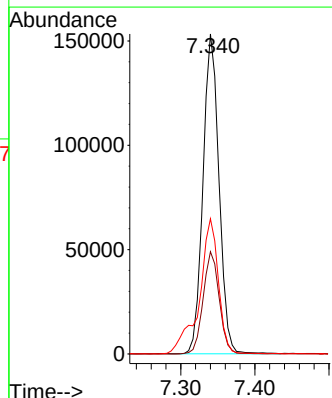
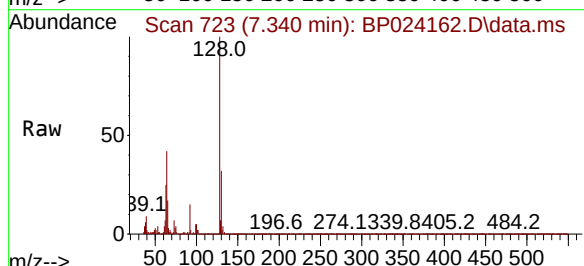
Tgt Ion:128 Resp: 229815

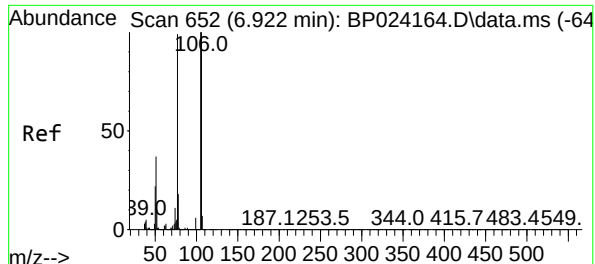
Ion Ratio Lower Upper

128 100

130 31.9 12.0 52.0

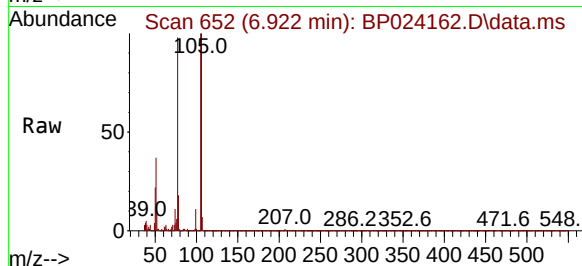
64 42.2 21.6 61.6



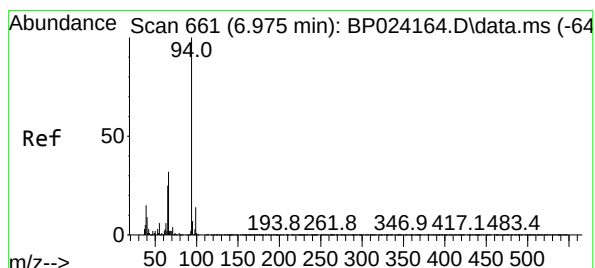
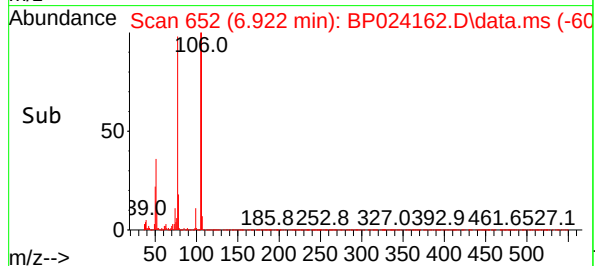
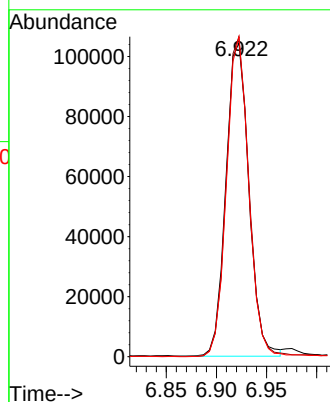


#9
Benzaldehyde
Concen: 12.620 ng
RT: 6.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

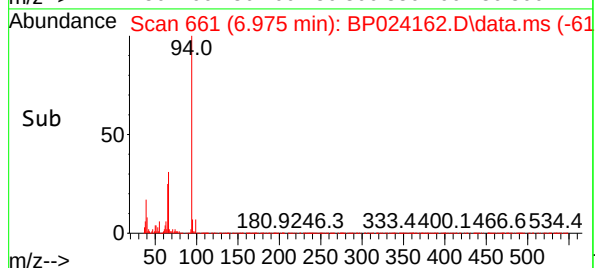
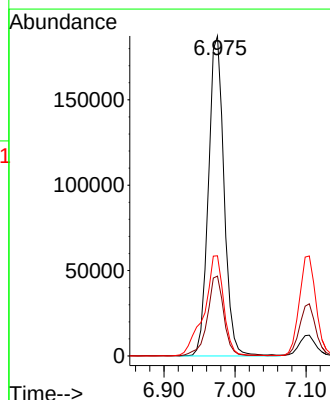
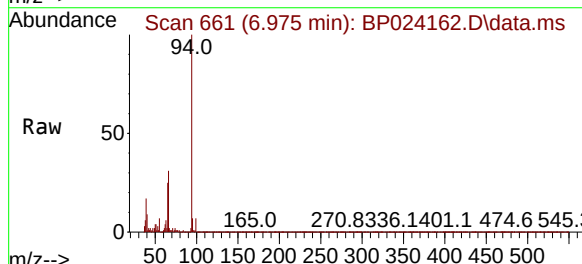


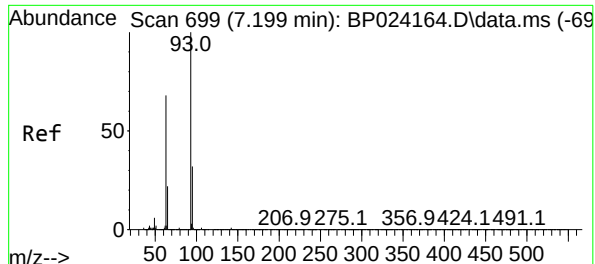
Tgt Ion: 77 Resp: 166528
Ion Ratio Lower Upper
77 100
105 102.0 81.4 121.4
106 101.9 81.1 121.1



#10
Phenol
Concen: 9.849 ng
RT: 6.975 min Scan# 661
Delta R.T. 0.000 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion: 94 Resp: 286246
Ion Ratio Lower Upper
94 100
65 25.0 4.9 44.9
66 31.3 11.9 51.9

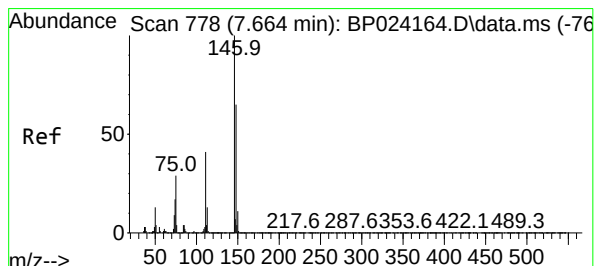
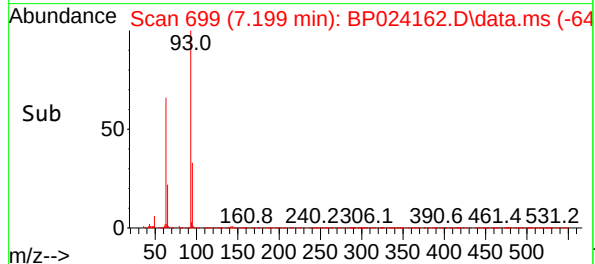
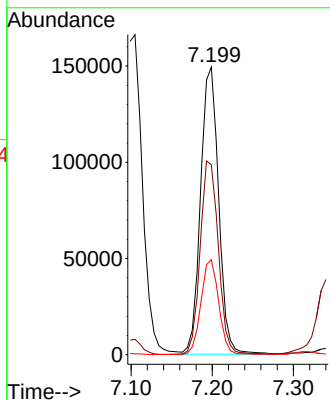
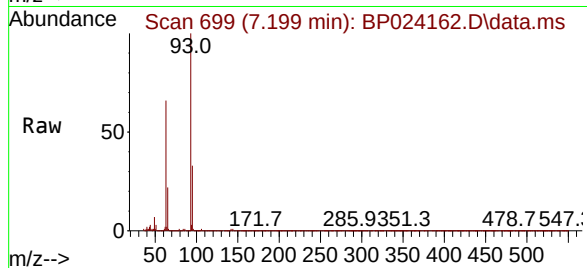




#11
bis(2-Chloroethyl)ether
Concen: 10.095 ng
RT: 7.199 min Scan# 699
Delta R.T. 0.000 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

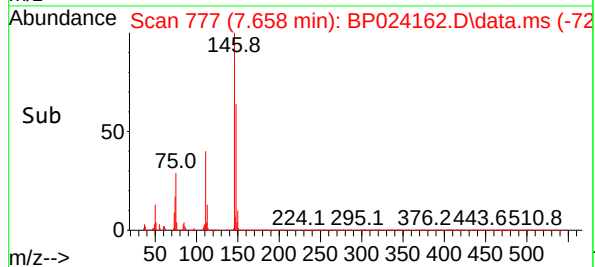
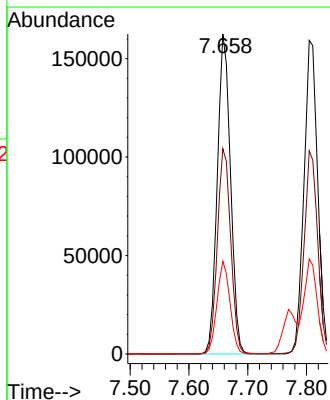
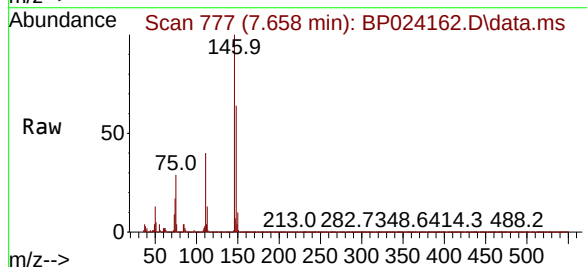
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

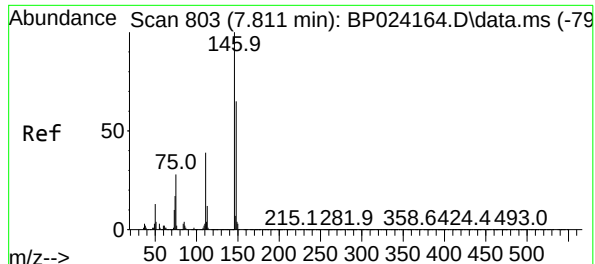
Tgt Ion: 93 Resp: 231087
Ion Ratio Lower Upper
93 100
63 66.0 47.4 87.4
95 33.0 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 9.715 ng
RT: 7.658 min Scan# 777
Delta R.T. -0.006 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion: 146 Resp: 254039
Ion Ratio Lower Upper
146 100
148 64.1 51.6 77.4
75 29.0 22.8 34.2





#13

1,4-Dichlorobenzene

Concen: 9.777 ng

RT: 7.805 min Scan# 803

Delta R.T. -0.006 min

Lab File: BP024162.D

Acq: 12 Mar 2025 17:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

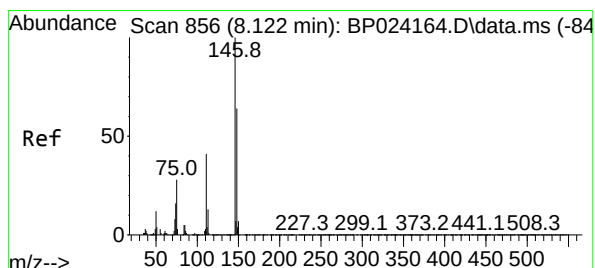
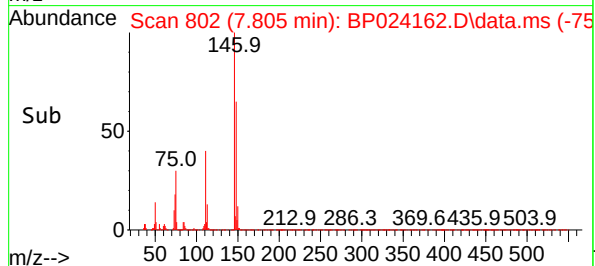
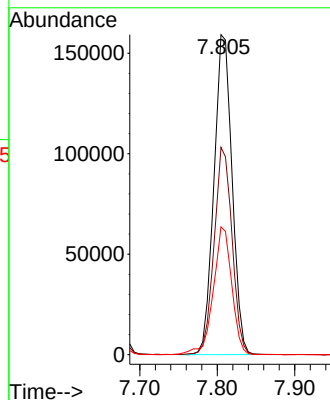
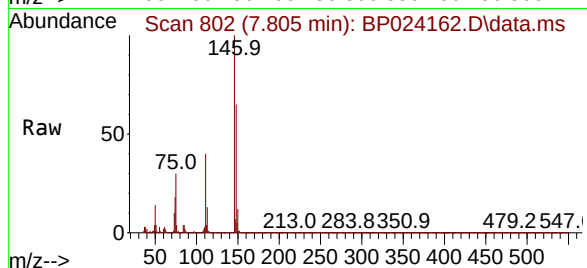
Tgt Ion:146 Resp: 258553

Ion Ratio Lower Upper

146 100

148 64.8 51.9 77.9

111 39.9 31.4 47.2



#14

1,2-Dichlorobenzene

Concen: 9.856 ng

RT: 8.122 min Scan# 856

Delta R.T. 0.000 min

Lab File: BP024162.D

Acq: 12 Mar 2025 17:38

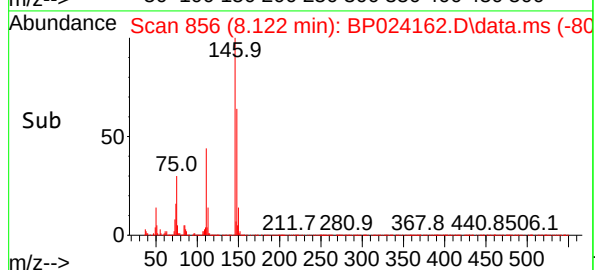
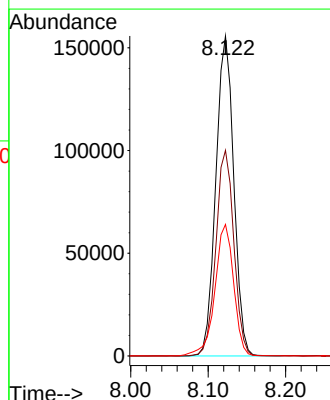
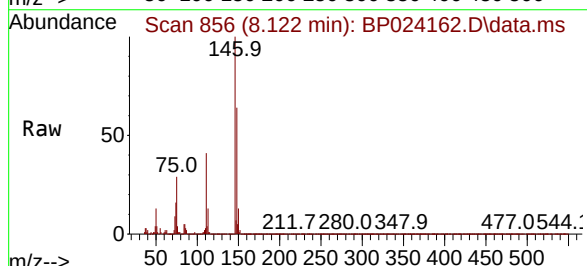
Tgt Ion:146 Resp: 250124

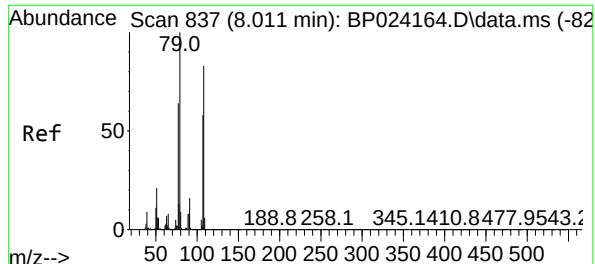
Ion Ratio Lower Upper

146 100

148 64.3 51.4 77.2

111 41.1 33.2 49.8





#15

Benzyl Alcohol

Concen: 9.584 ng

RT: 8.005 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP024162.D

Acq: 12 Mar 2025 17:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

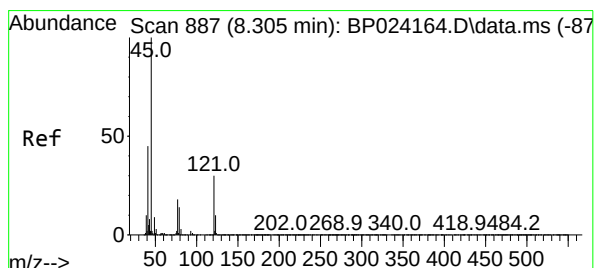
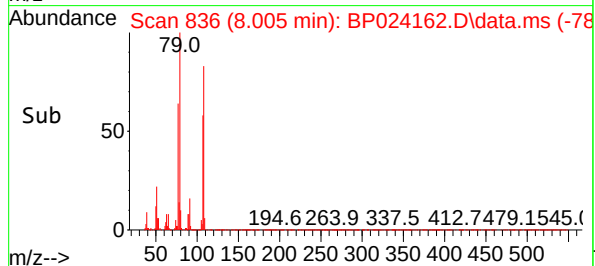
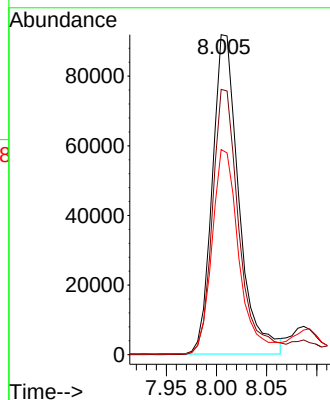
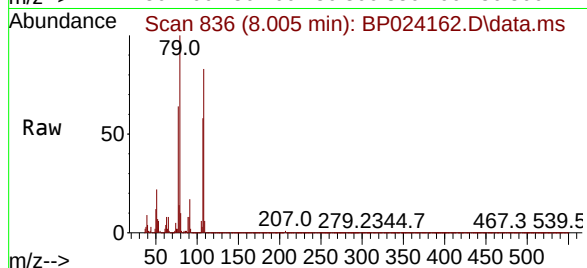
Tgt Ion: 79 Resp: 169563

Ion Ratio Lower Upper

79 100

108 82.9 66.5 99.7

77 64.1 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 10.794 ng

RT: 8.293 min Scan# 885

Delta R.T. -0.012 min

Lab File: BP024162.D

Acq: 12 Mar 2025 17:38

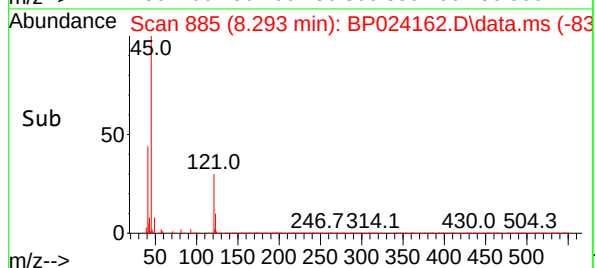
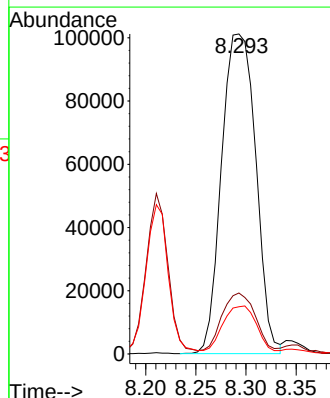
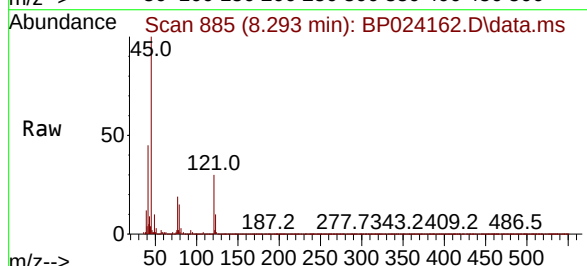
Tgt Ion: 45 Resp: 239855

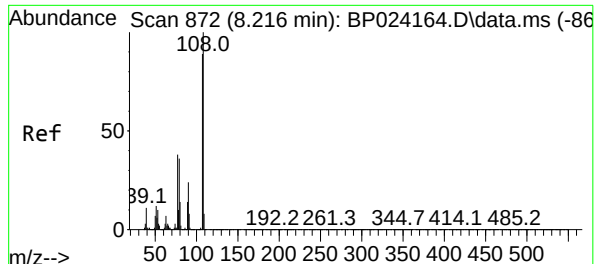
Ion Ratio Lower Upper

45 100

77 19.1 0.0 39.0

79 14.8 0.0 35.6





#17

2-Methylphenol

Concen: 9.876 ng

RT: 8.211 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP024162.D

Acq: 12 Mar 2025 17:38

Instrument :

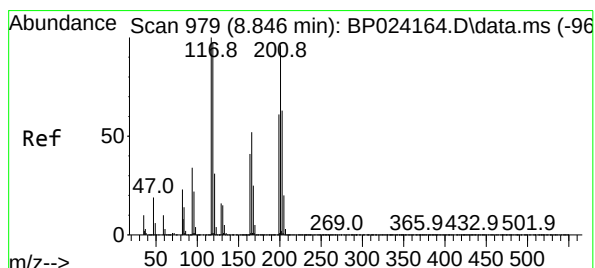
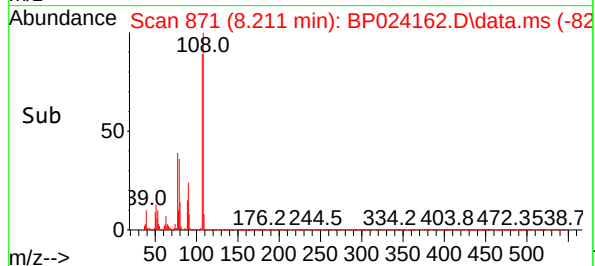
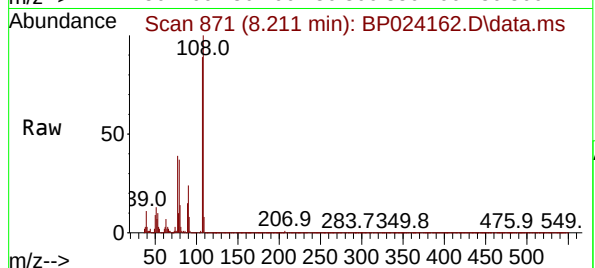
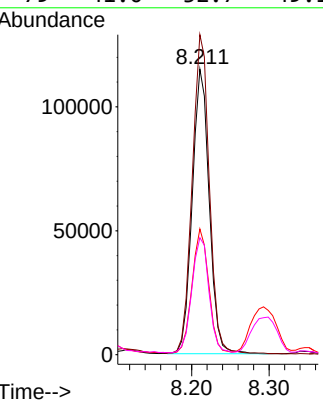
BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:107 Resp: 174913

Ion	Ratio	Lower	Upper
107	100		
108	112.0	90.0	135.0
77	44.0	34.0	51.0
79	41.0	32.7	49.1



#18

Hexachloroethane

Concen: 9.439 ng

RT: 8.840 min Scan# 978

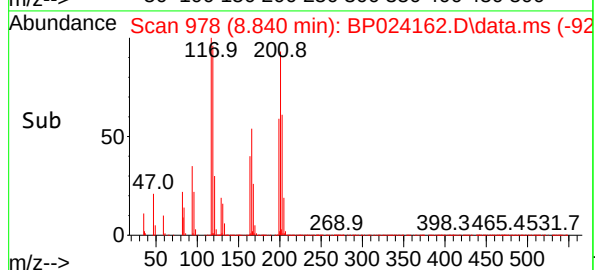
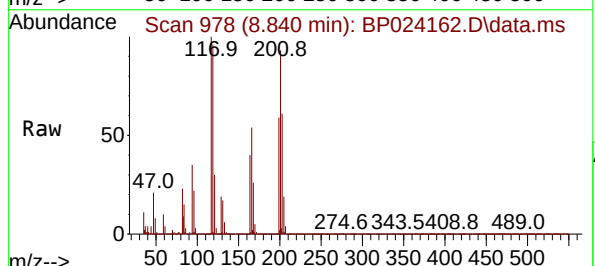
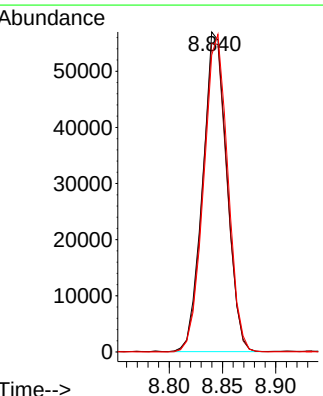
Delta R.T. -0.006 min

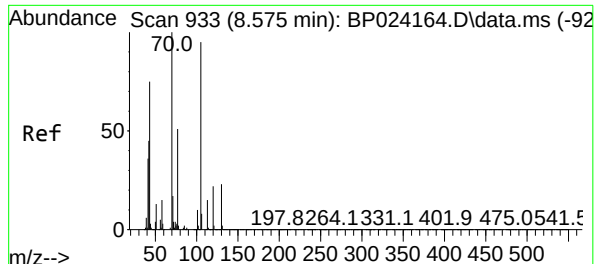
Lab File: BP024162.D

Acq: 12 Mar 2025 17:38

Tgt Ion:117 Resp: 89894

Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.4	116.0
201	92.8	76.6	114.8





#19

n-Nitroso-di-n-propylamine

Concen: 10.797 ng

RT: 8.563 min Scan# 91

Delta R.T. -0.012 min

Lab File: BP024162.D

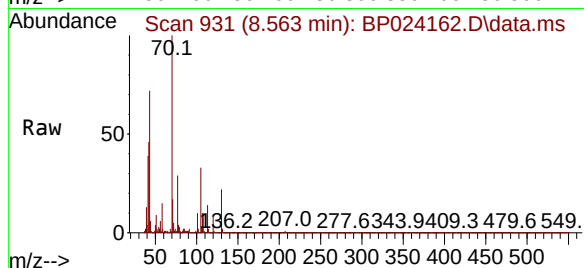
Acq: 12 Mar 2025 17:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC010



Tgt Ion: 70 Resp: 167789

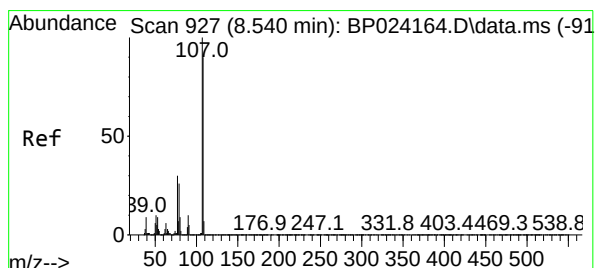
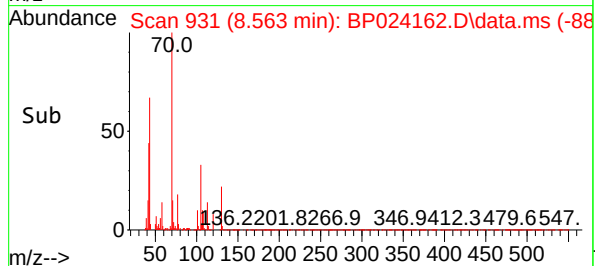
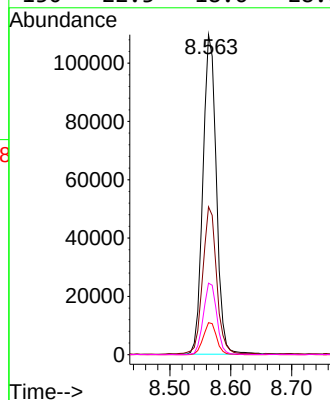
Ion Ratio Lower Upper

70 100

42 46.2 36.0 54.0

101 10.0 8.3 12.5

130 22.3 18.6 28.0



#20

3+4-Methylphenols

Concen: 9.906 ng

RT: 8.534 min Scan# 926

Delta R.T. -0.006 min

Lab File: BP024162.D

Acq: 12 Mar 2025 17:38

Tgt Ion: 107 Resp: 238685

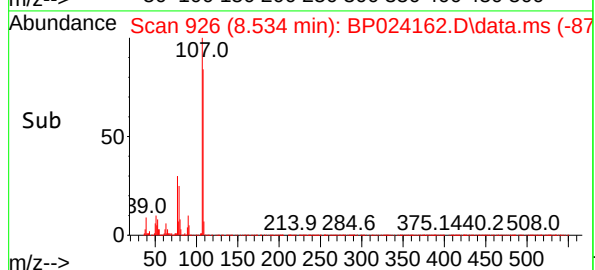
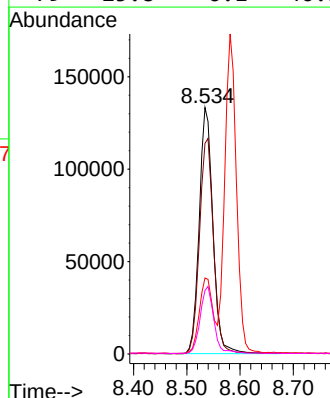
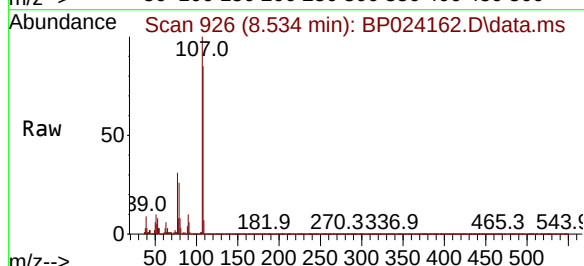
Ion Ratio Lower Upper

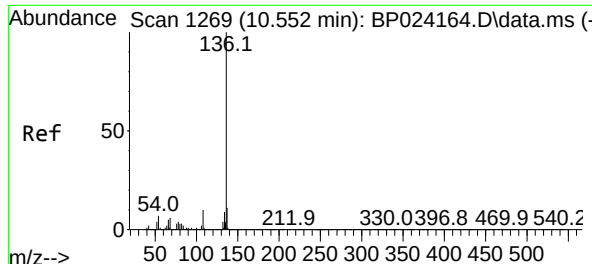
107 100

108 85.5 69.7 109.7

77 30.8 10.3 50.3

79 25.8 6.1 46.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.546 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024162.D

Acq: 12 Mar 2025 17:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:136 Resp: 1459823

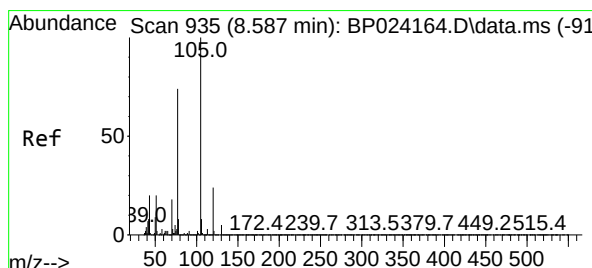
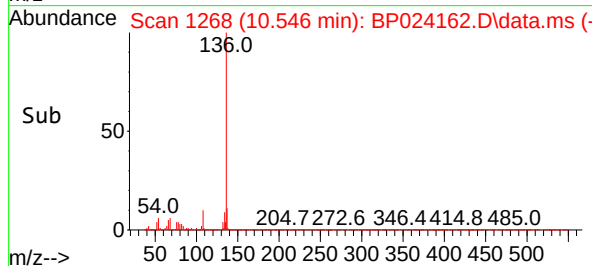
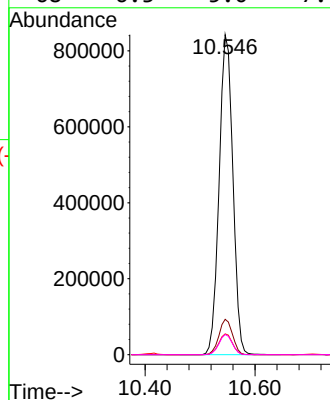
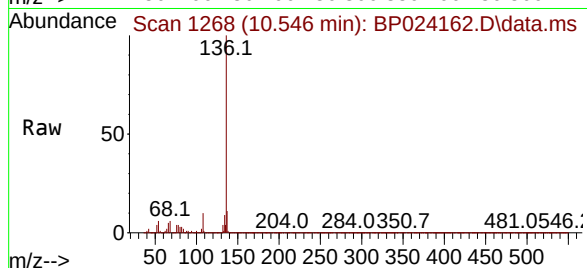
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 6.5 5.3 7.9

68 6.3 5.0 7.4



#22

Acetophenone

Concen: 9.536 ng

RT: 8.581 min Scan# 934

Delta R.T. -0.006 min

Lab File: BP024162.D

Acq: 12 Mar 2025 17:38

Tgt Ion:105 Resp: 357738

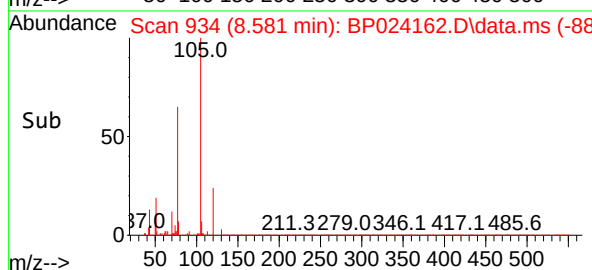
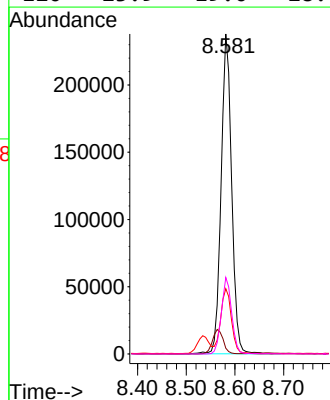
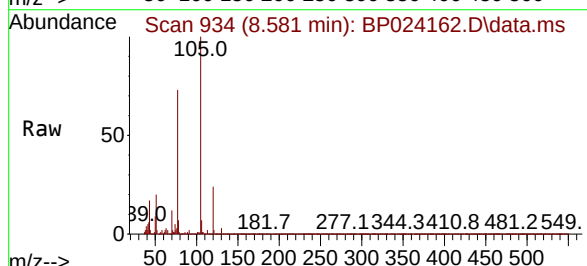
Ion Ratio Lower Upper

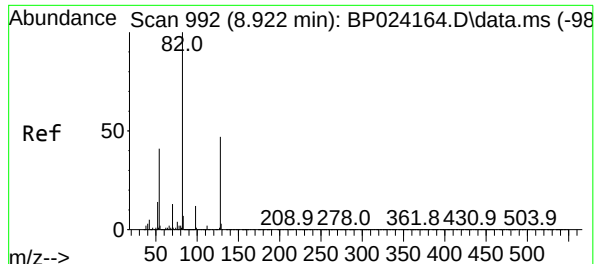
105 100

71 1.8 2.4 3.6

51 20.4 16.2 24.2

120 23.9 19.0 28.6





#23

Nitrobenzene-d5

Concen: 18.856 ng

RT: 8.916 min Scan# 991

Delta R.T. -0.006 min

Lab File: BP024162.D

Acq: 12 Mar 2025 17:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

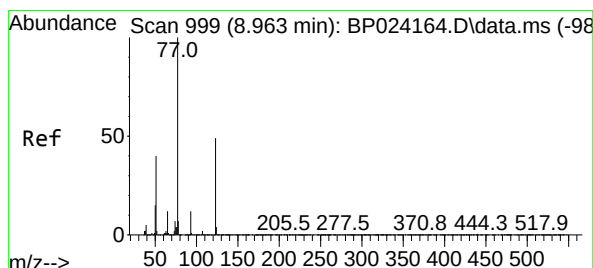
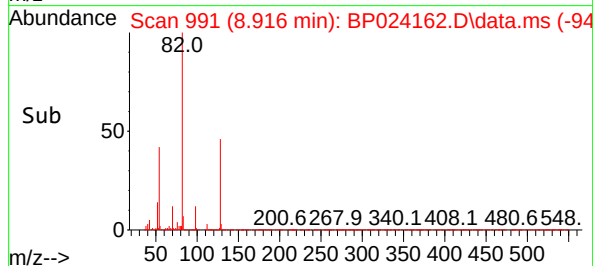
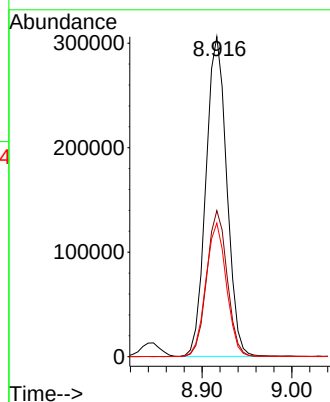
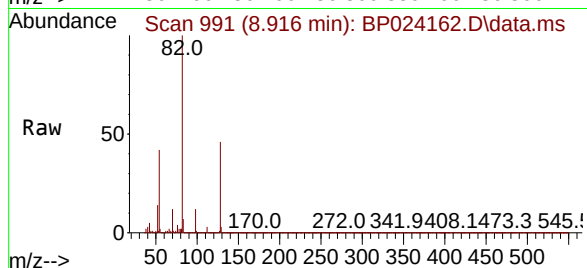
Tgt Ion: 82 Resp: 493399

Ion Ratio Lower Upper

82 100

128 45.7 37.4 56.0

54 41.7 32.5 48.7



#24

Nitrobenzene

Concen: 9.536 ng

RT: 8.958 min Scan# 998

Delta R.T. -0.006 min

Lab File: BP024162.D

Acq: 12 Mar 2025 17:38

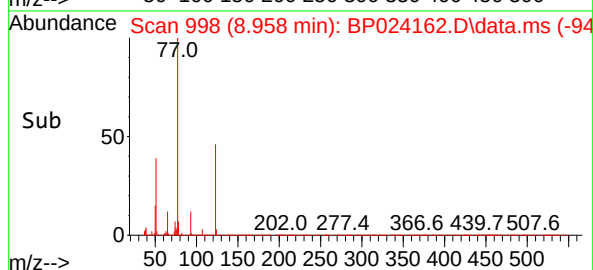
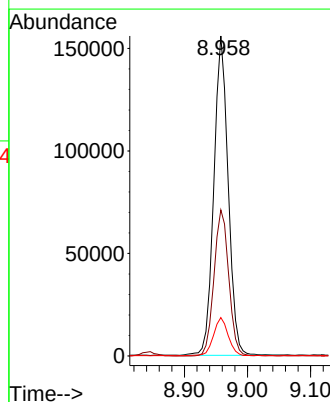
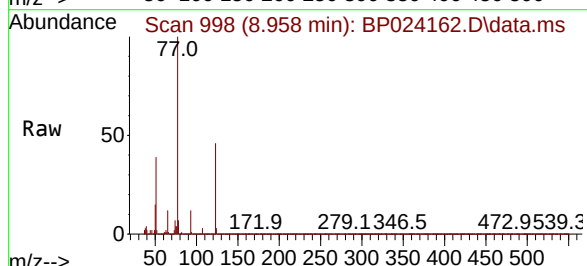
Tgt Ion: 77 Resp: 245585

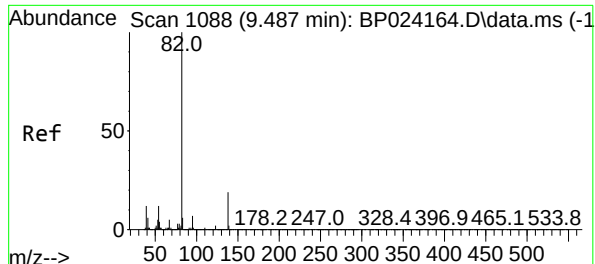
Ion Ratio Lower Upper

77 100

123 45.7 39.4 59.2

65 12.0 9.9 14.9





#25

Isophorone

Concen: 9.590 ng

RT: 9.481 min Scan# 1087

Delta R.T. -0.006 min

Lab File: BP024162.D

Acq: 12 Mar 2025 17:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

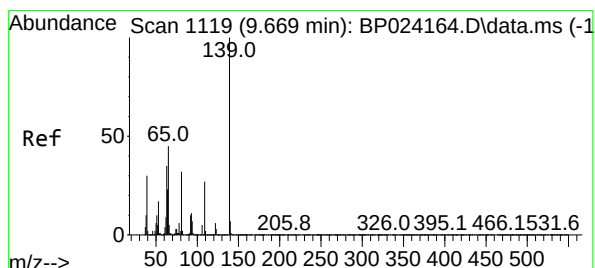
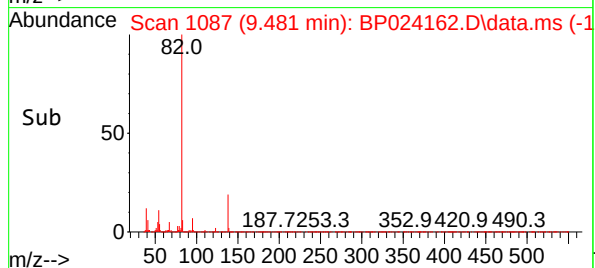
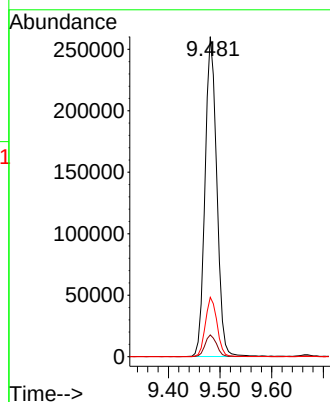
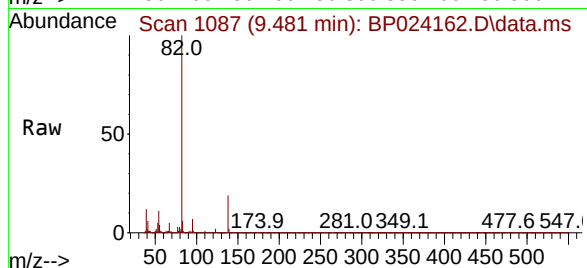
Tgt Ion: 82 Resp: 410357

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 18.6 14.8 22.2



#26

2-Nitrophenol

Concen: 8.692 ng

RT: 9.669 min Scan# 1119

Delta R.T. 0.000 min

Lab File: BP024162.D

Acq: 12 Mar 2025 17:38

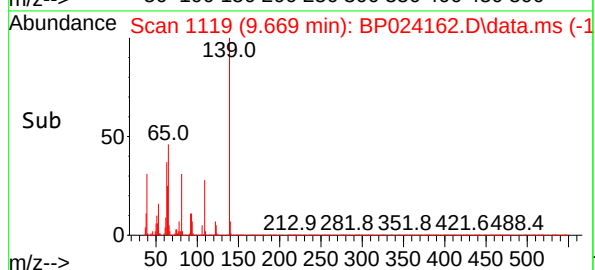
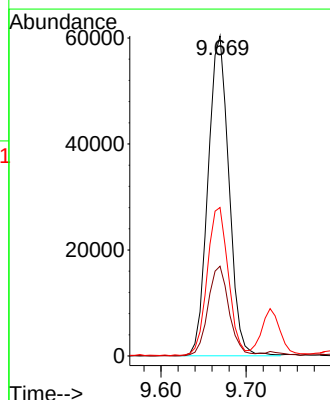
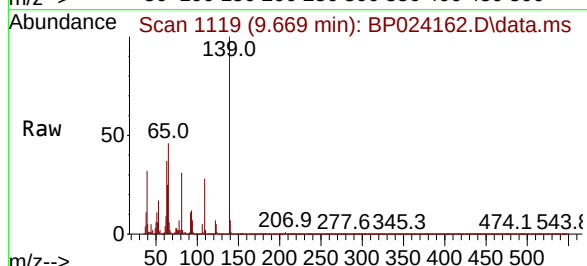
Tgt Ion: 139 Resp: 103123

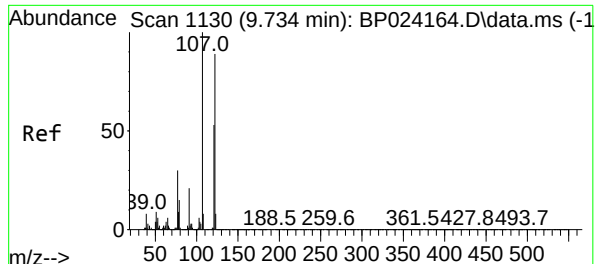
Ion Ratio Lower Upper

139 100

109 28.1 21.7 32.5

65 46.4 35.8 53.8





#27

2,4-Dimethylphenol

Concen: 9.265 ng

RT: 9.728 min Scan# 1129

Delta R.T. -0.006 min

Lab File: BP024162.D

Acq: 12 Mar 2025 17:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

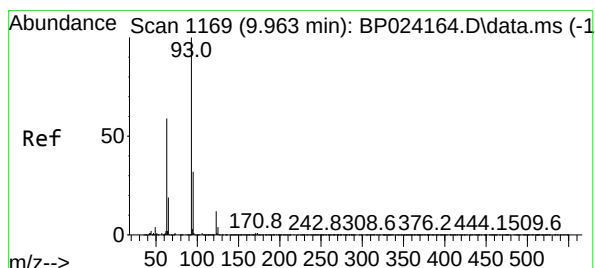
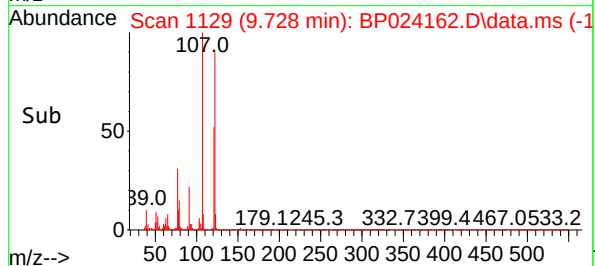
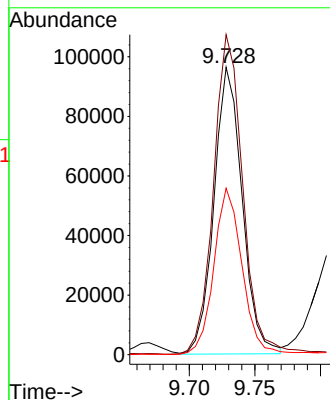
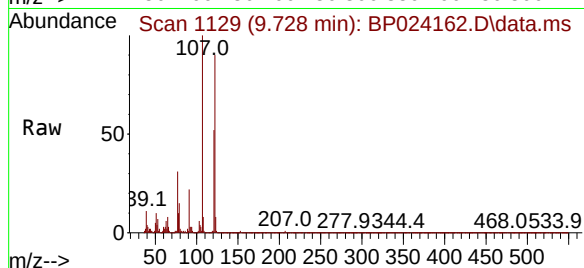
Tgt Ion:122 Resp: 144292

Ion Ratio Lower Upper

122 100

107 111.4 89.3 133.9

121 57.9 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 9.838 ng

RT: 9.957 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BP024162.D

Acq: 12 Mar 2025 17:38

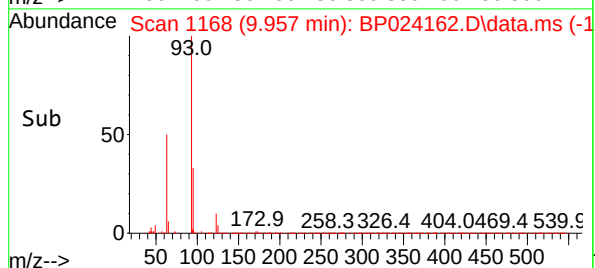
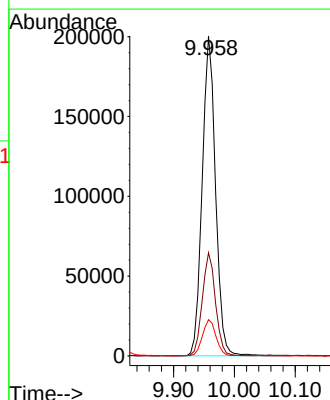
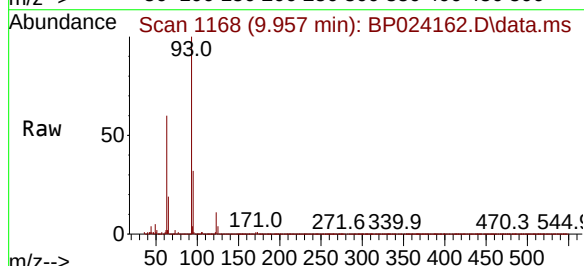
Tgt Ion: 93 Resp: 304956

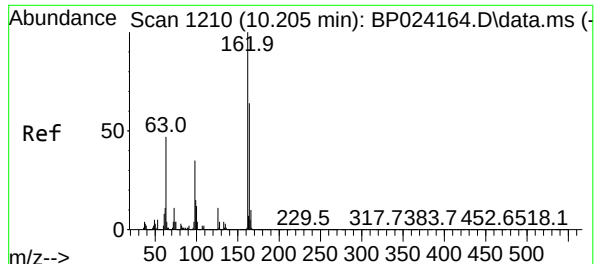
Ion Ratio Lower Upper

93 100

95 32.2 25.9 38.9

123 11.3 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 9.046 ng

RT: 10.199 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BP024162.D

Acq: 12 Mar 2025 17:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

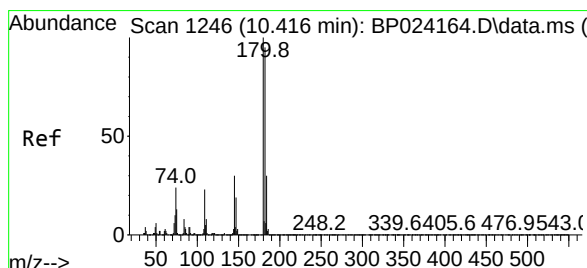
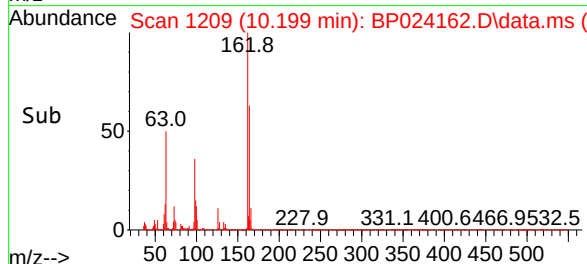
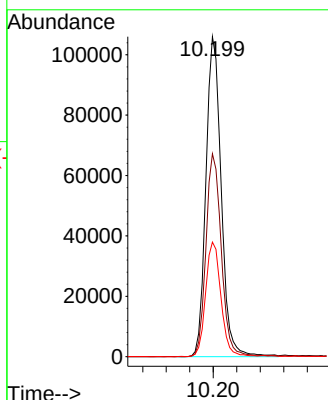
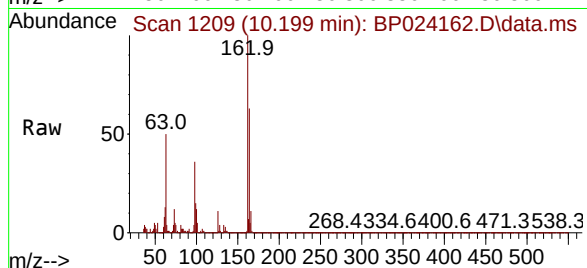
Tgt Ion:162 Resp: 192263

Ion Ratio Lower Upper

162 100

164 63.4 44.2 84.2

98 35.8 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 9.355 ng

RT: 10.410 min Scan# 1245

Delta R.T. -0.006 min

Lab File: BP024162.D

Acq: 12 Mar 2025 17:38

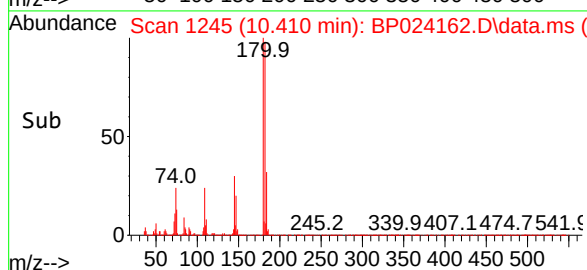
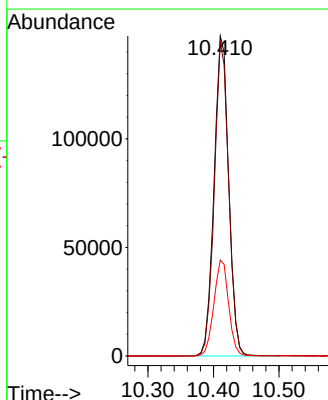
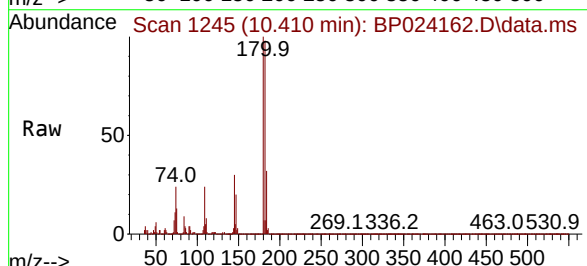
Tgt Ion:180 Resp: 227800

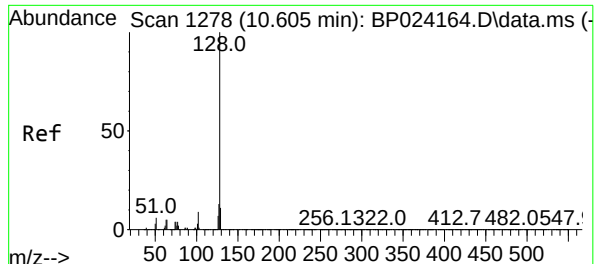
Ion Ratio Lower Upper

180 100

182 98.1 76.1 114.1

145 30.0 24.2 36.2

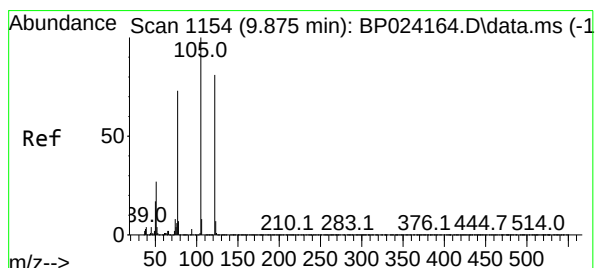
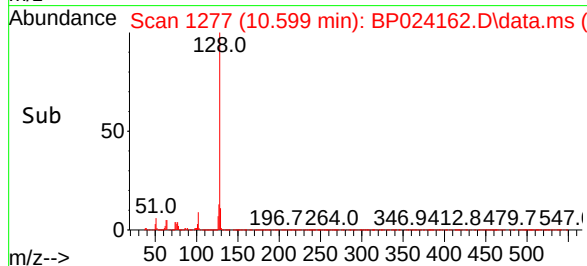
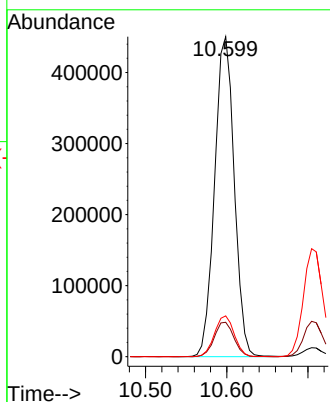
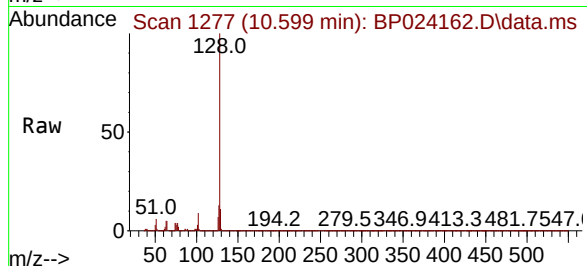




#31
Naphthalene
Concen: 9.642 ng
RT: 10.599 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

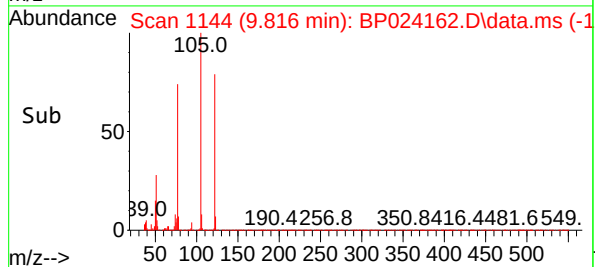
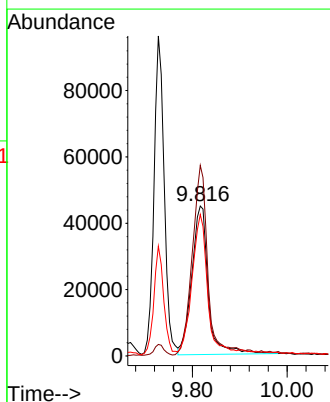
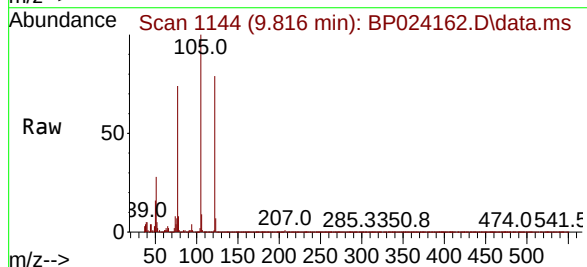
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

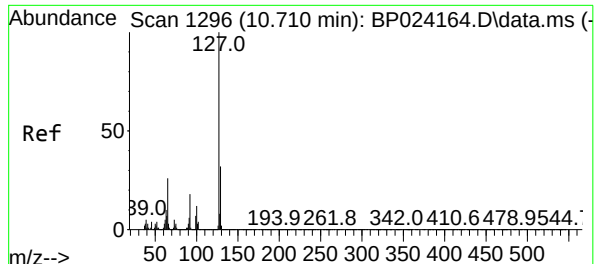
Tgt Ion:128 Resp: 756826
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 12.8 10.4 15.6



#32
Benzoic acid
Concen: 7.587 ng
RT: 9.816 min Scan# 1144
Delta R.T. -0.059 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion:122 Resp: 108330
Ion Ratio Lower Upper
122 100
105 127.1 100.3 140.3
77 94.3 69.1 109.1

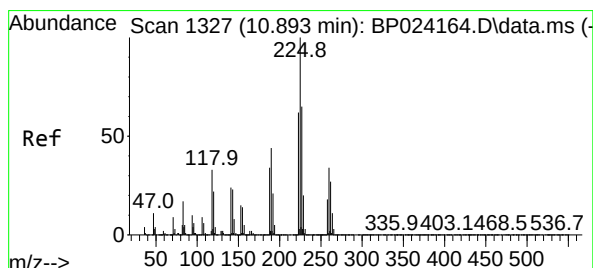
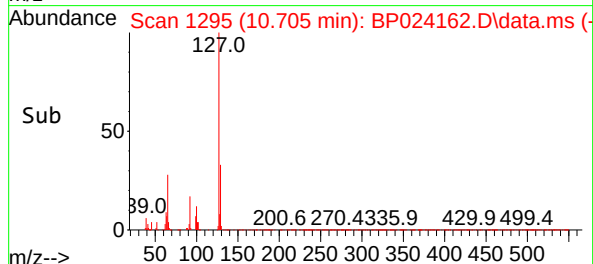
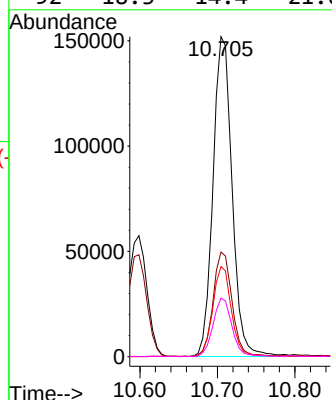
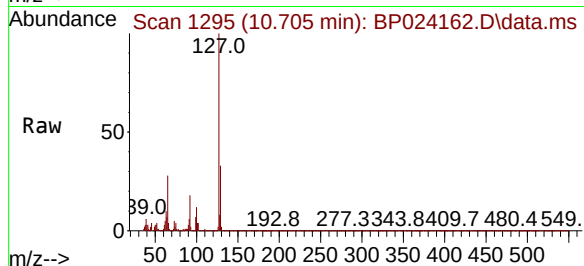




#33
4-Chloroaniline
Concen: 9.404 ng
RT: 10.705 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

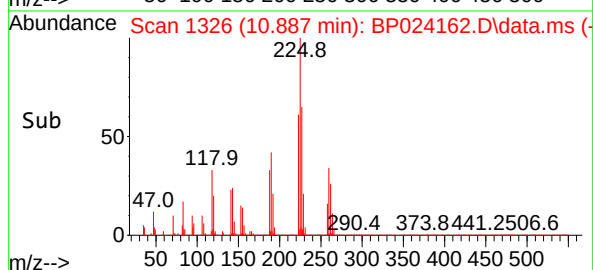
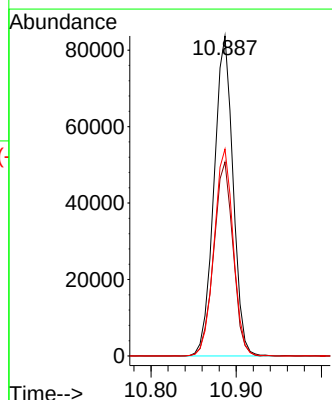
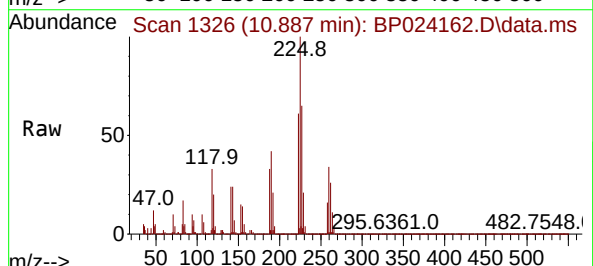
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

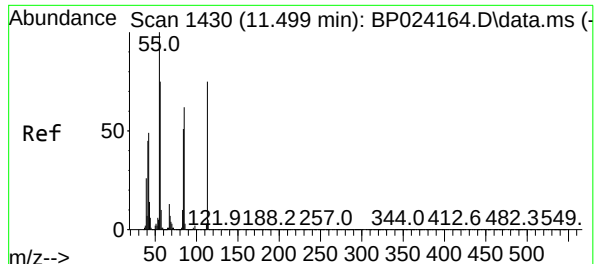
Tgt Ion:	127	Resp:	260033
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.8	38.6
65	28.2	21.2	31.8
92	18.3	14.4	21.6



#34
Hexachlorobutadiene
Concen: 9.224 ng
RT: 10.887 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion:	225	Resp:	130104
Ion	Ratio	Lower	Upper
225	100		
223	60.6	49.9	74.9
227	64.6	52.2	78.2

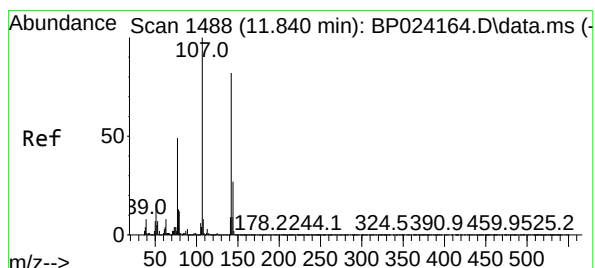
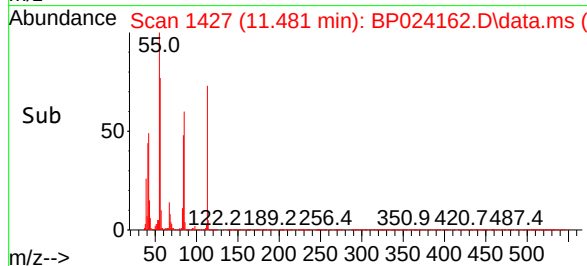
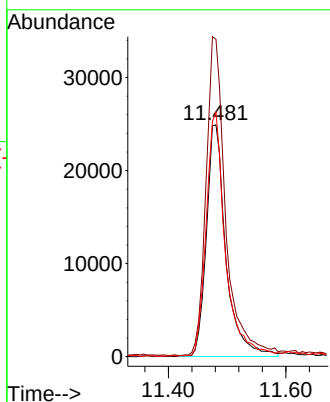
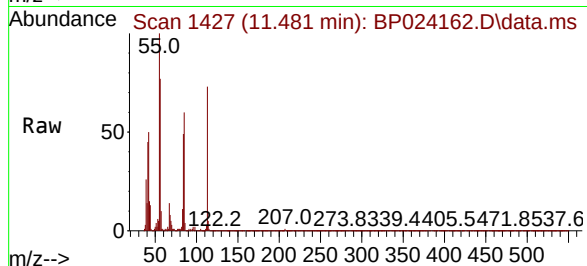




#35
Caprolactam
Concen: 8.931 ng
RT: 11.481 min Scan# 1430
Delta R.T. -0.018 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

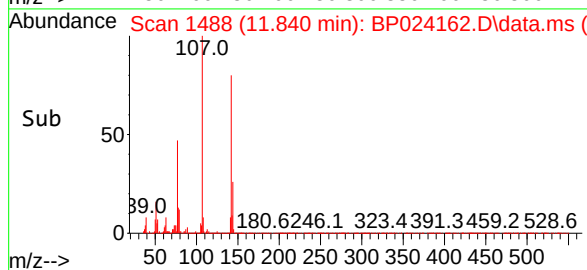
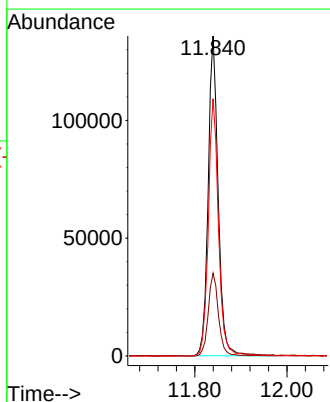
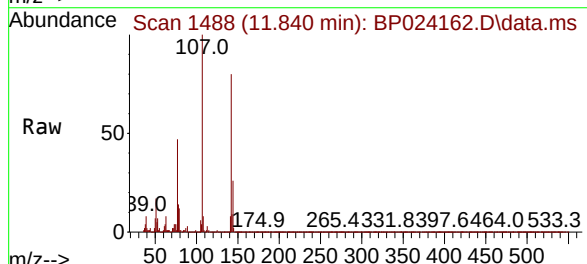
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

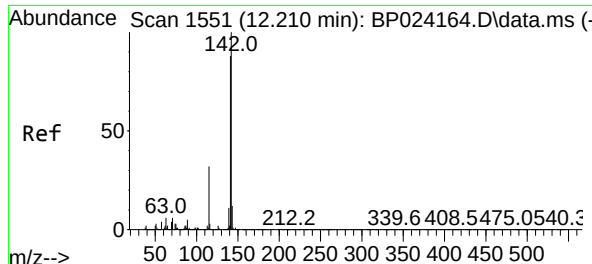
Tgt Ion	Ratio	Lower	Upper
113	100		
55	137.0	113.6	153.6
56	105.5	80.0	120.0



#36
4-Chloro-3-methylphenol
Concen: 9.462 ng
RT: 11.840 min Scan# 1488
Delta R.T. 0.000 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.9	21.6	32.4
142	80.4	65.4	98.0

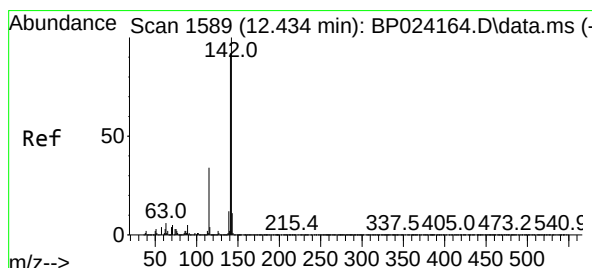
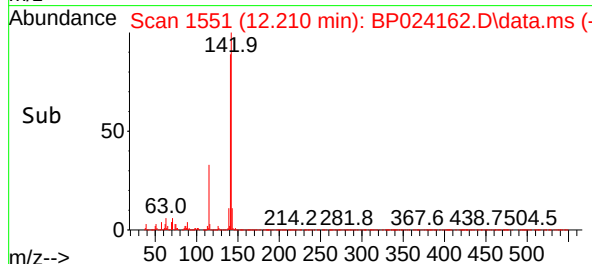
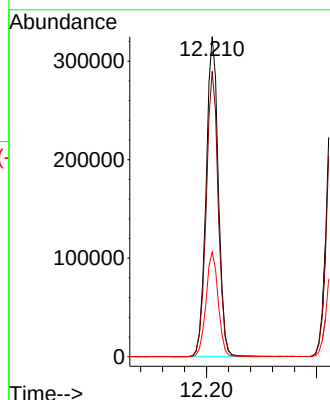
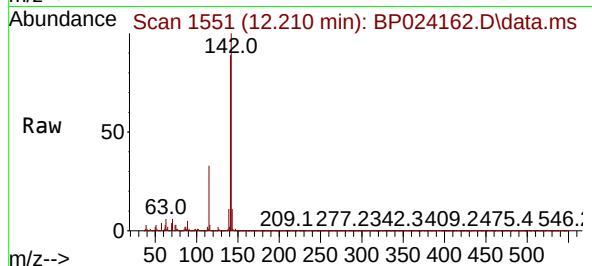




#37
2-Methylnaphthalene
Concen: 9.564 ng
RT: 12.210 min Scan# 1551
Delta R.T. 0.000 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

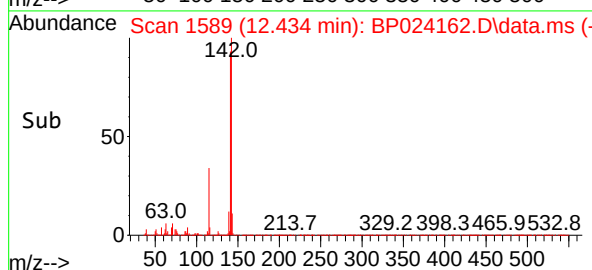
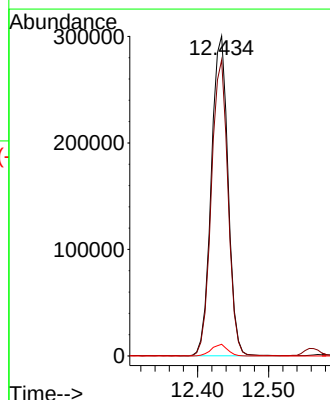
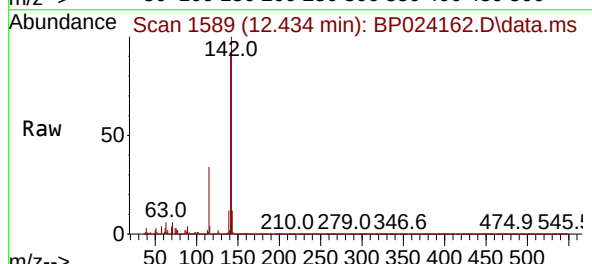
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

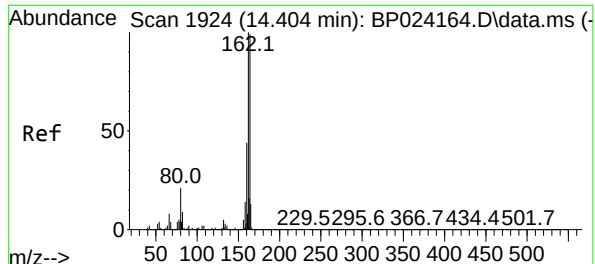
Tgt Ion:142 Resp: 498967
Ion Ratio Lower Upper
142 100
141 89.2 70.3 105.5
115 32.8 26.0 39.0



#38
1-Methylnaphthalene
Concen: 9.680 ng
RT: 12.434 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion:142 Resp: 491304
Ion Ratio Lower Upper
142 100
141 92.5 73.9 110.9
116 3.7 2.8 4.2

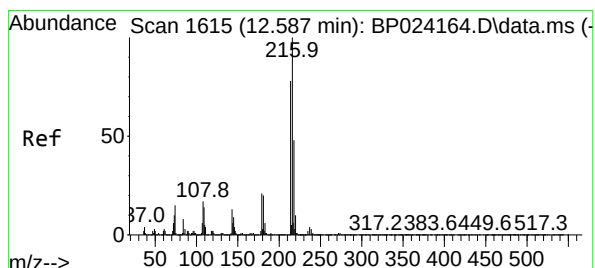
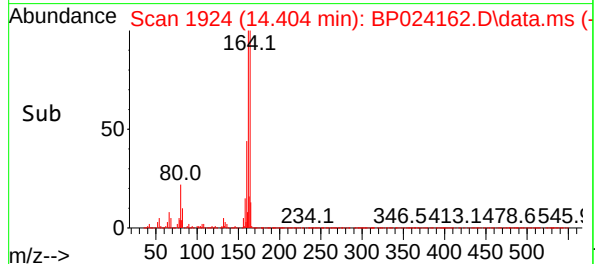
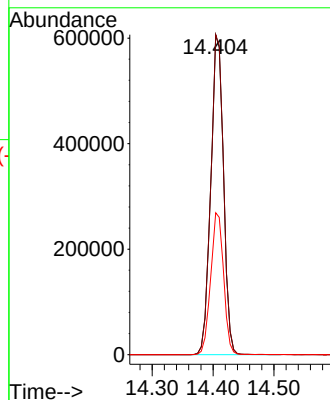
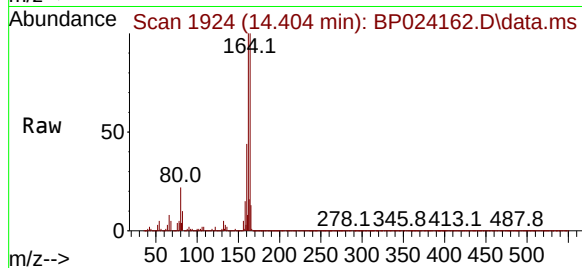




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.404 min Scan# 1924
Delta R.T. 0.000 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

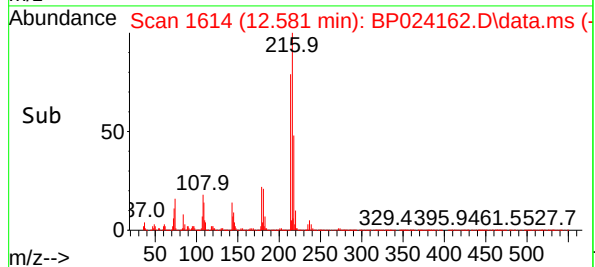
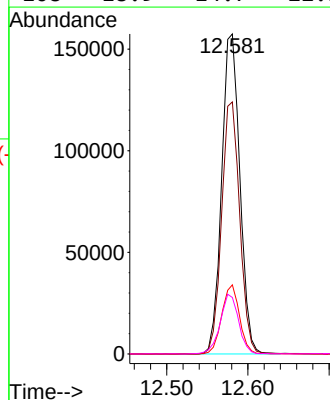
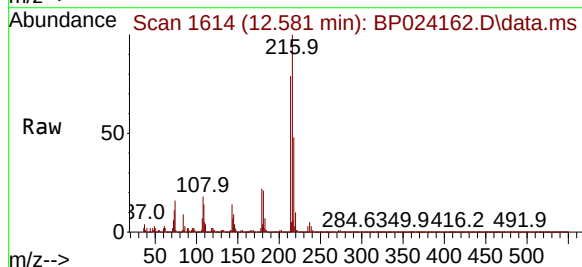
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

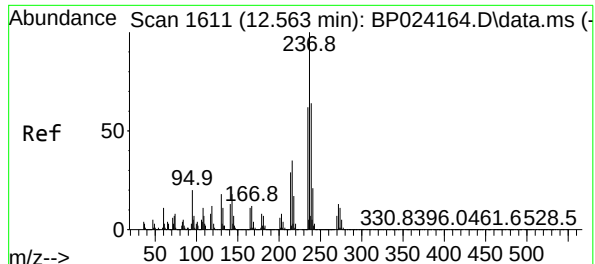
Tgt Ion:164 Resp: 878356
Ion Ratio Lower Upper
164 100
162 100.1 80.6 121.0
160 44.4 35.4 53.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.116 ng
RT: 12.581 min Scan# 1614
Delta R.T. -0.006 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion:216 Resp: 246009
Ion Ratio Lower Upper
216 100
214 78.2 62.8 94.2
179 21.0 16.8 25.2
108 18.9 14.7 22.1

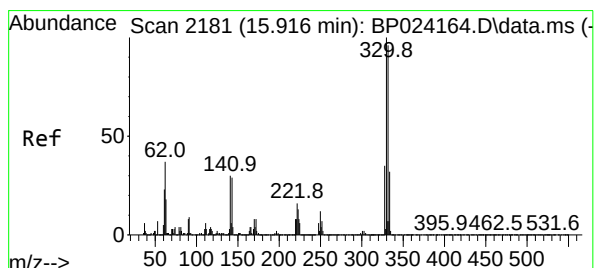
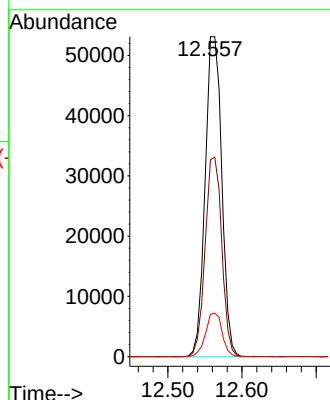
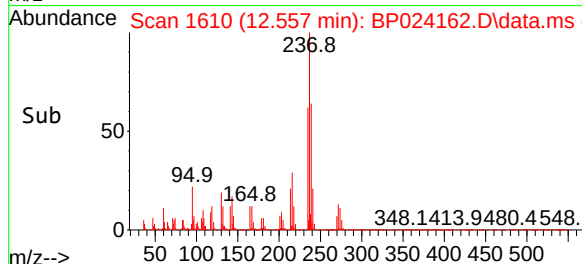
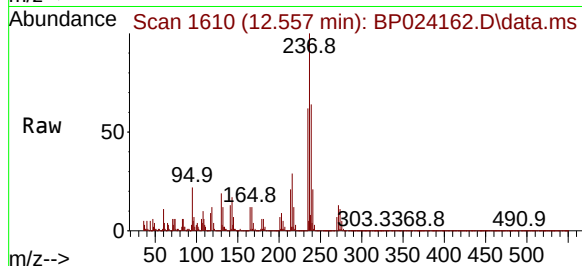




#41
Hexachlorocyclopentadiene
Concen: 8.245 ng
RT: 12.557 min Scan# 1610
Delta R.T. -0.006 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

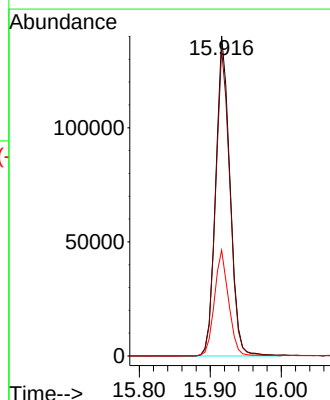
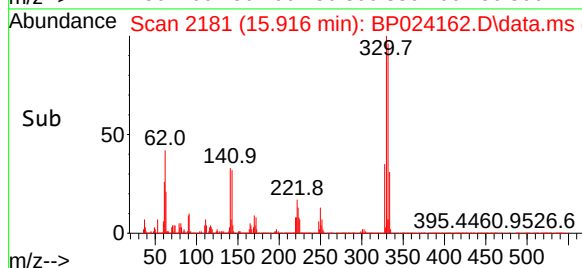
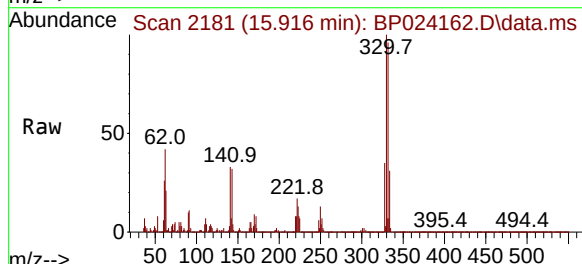
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

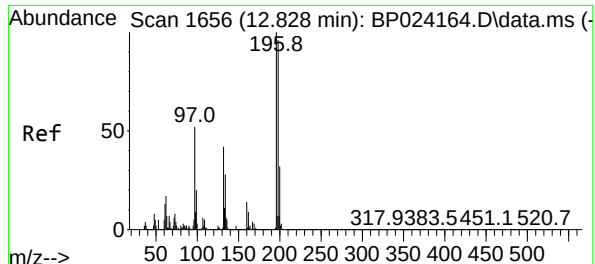
Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.6	41.8	81.8
272	13.3	0.0	33.5



#42
2,4,6-Tribromophenol
Concen: 18.161 ng
RT: 15.916 min Scan# 2181
Delta R.T. 0.000 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.6	116.4
141	32.6	25.0	37.6





#43

2,4,6-Trichlorophenol

Concen: 8.649 ng

RT: 12.822 min Scan# 1655

Delta R.T. -0.006 min

Lab File: BP024162.D

Acq: 12 Mar 2025 17:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

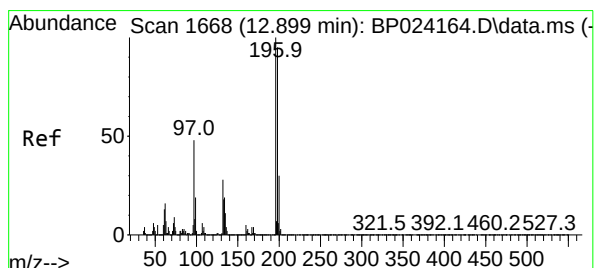
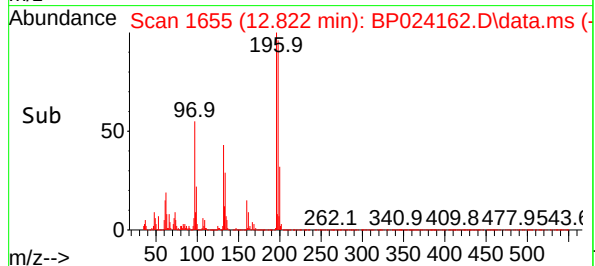
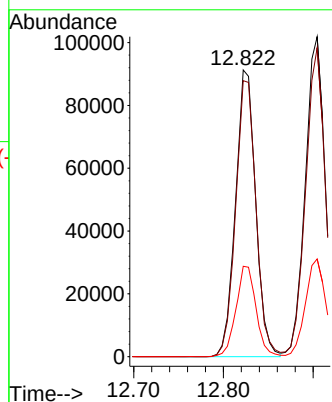
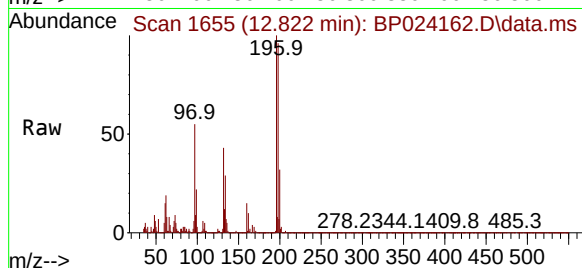
Tgt Ion:196 Resp: 142353

Ion Ratio Lower Upper

196 100

198 96.3 76.6 115.0

200 31.6 25.4 38.0



#44

2,4,5-Trichlorophenol

Concen: 8.841 ng

RT: 12.904 min Scan# 1669

Delta R.T. 0.006 min

Lab File: BP024162.D

Acq: 12 Mar 2025 17:38

Tgt Ion:196 Resp: 159135

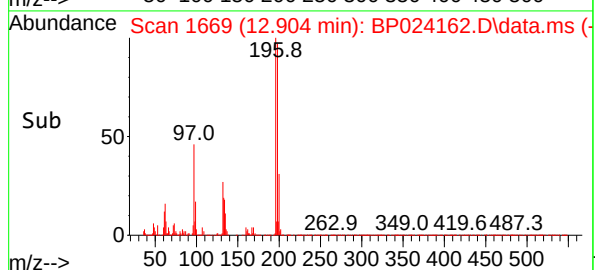
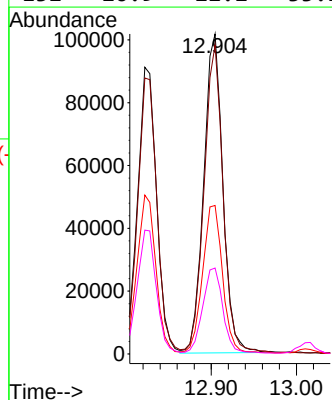
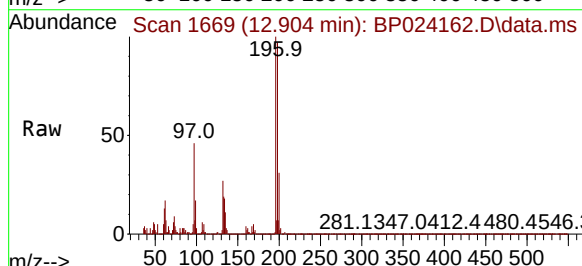
Ion Ratio Lower Upper

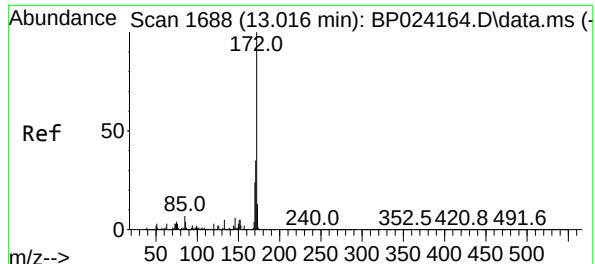
196 100

198 96.5 76.5 114.7

97 46.4 38.7 58.1

132 26.9 22.2 33.2





#45

2-Fluorobiphenyl

Concen: 18.984 ng

RT: 13.010 min Scan# 1688

Delta R.T. -0.006 min

Lab File: BP024162.D

Acq: 12 Mar 2025 17:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

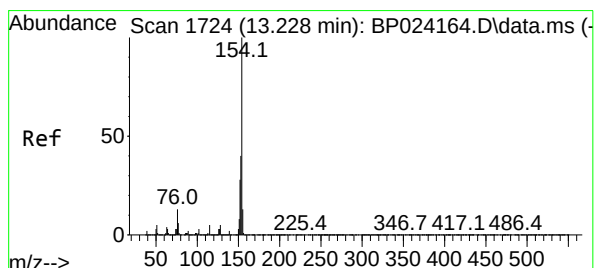
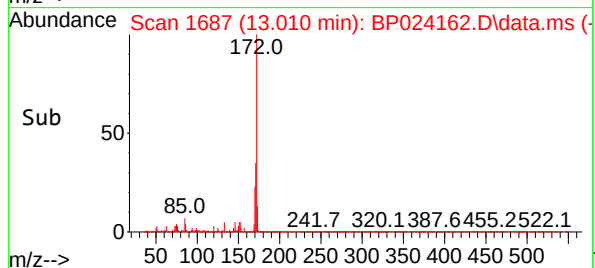
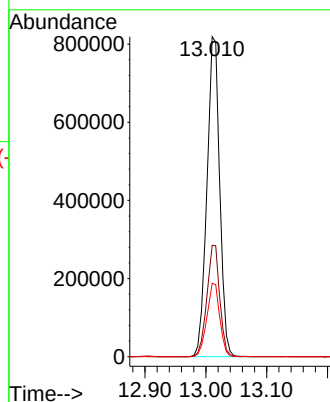
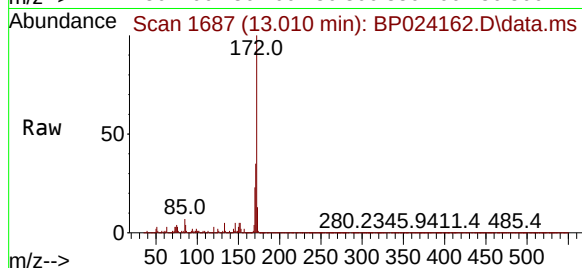
Tgt Ion:172 Resp: 1192744

Ion Ratio Lower Upper

172 100

171 34.8 28.3 42.5

170 22.9 19.0 28.4



#46

1,1'-Biphenyl

Concen: 9.494 ng

RT: 13.228 min Scan# 1724

Delta R.T. 0.000 min

Lab File: BP024162.D

Acq: 12 Mar 2025 17:38

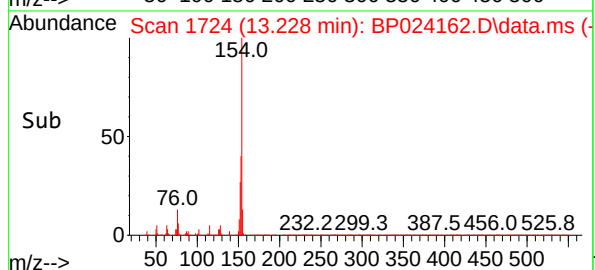
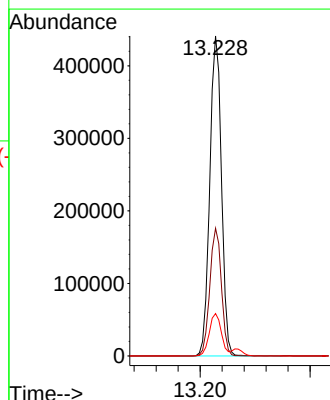
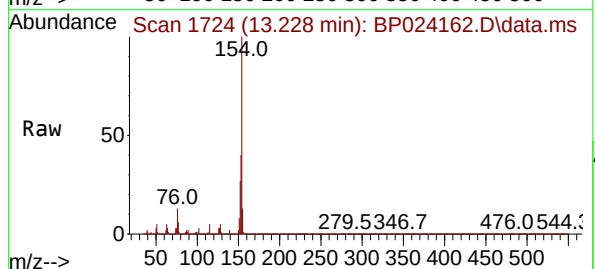
Tgt Ion:154 Resp: 647980

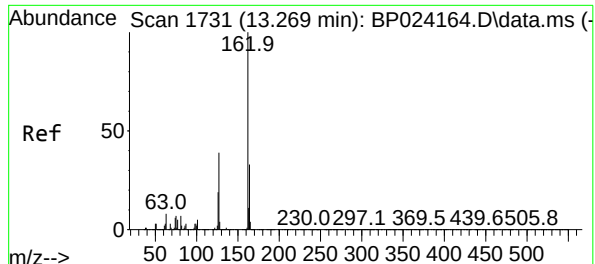
Ion Ratio Lower Upper

154 100

153 39.9 20.3 60.3

76 13.2 0.0 32.9





#47

2-Chloronaphthalene

Concen: 9.365 ng

RT: 13.269 min Scan# 1731

Delta R.T. 0.000 min

Lab File: BP024162.D

Acq: 12 Mar 2025 17:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

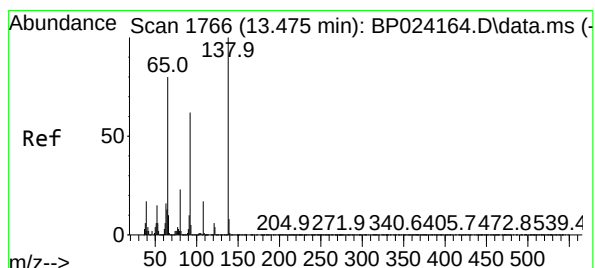
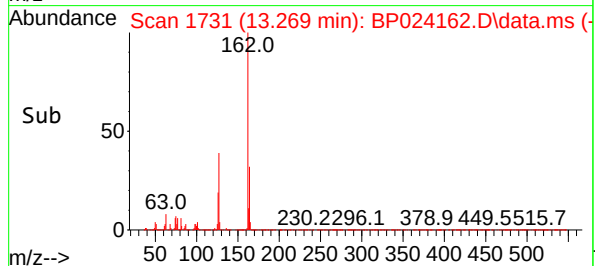
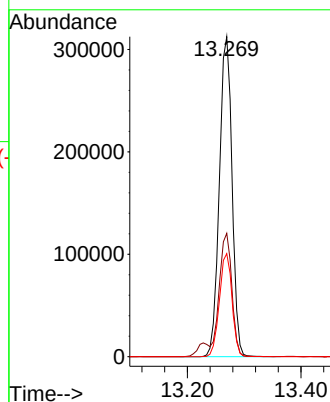
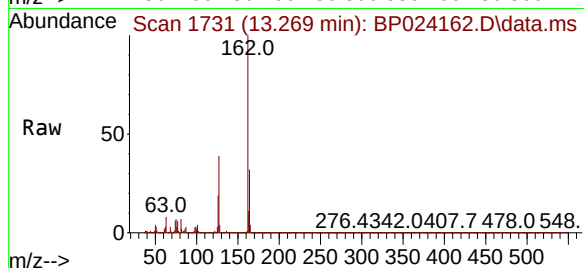
Tgt Ion:162 Resp: 483199

Ion Ratio Lower Upper

162 100

127 38.5 31.5 47.3

164 32.2 26.6 39.8



#48

2-Nitroaniline

Concen: 9.079 ng

RT: 13.475 min Scan# 1766

Delta R.T. 0.000 min

Lab File: BP024162.D

Acq: 12 Mar 2025 17:38

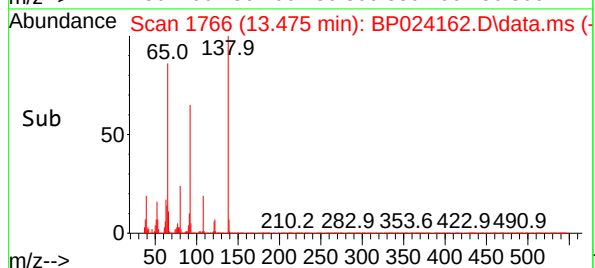
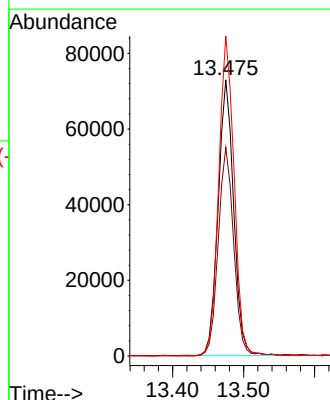
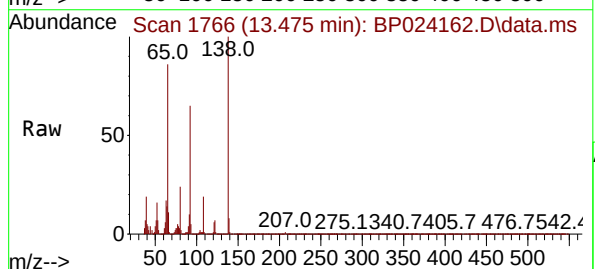
Tgt Ion: 65 Resp: 110660

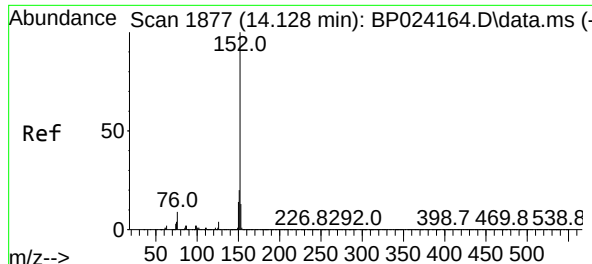
Ion Ratio Lower Upper

65 100

92 75.5 62.1 93.1

138 115.9 99.5 149.3





#49

Acenaphthylene

Concen: 9.405 ng

RT: 14.122 min Scan# 1877

Delta R.T. -0.006 min

Lab File: BP024162.D

Acq: 12 Mar 2025 17:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

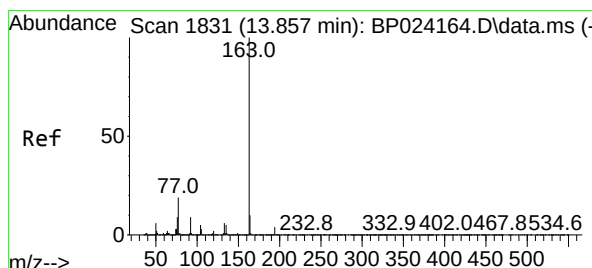
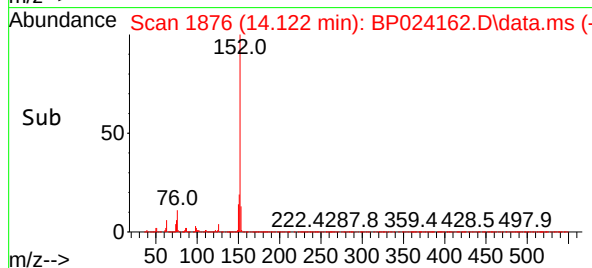
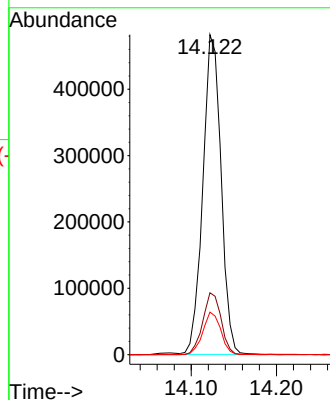
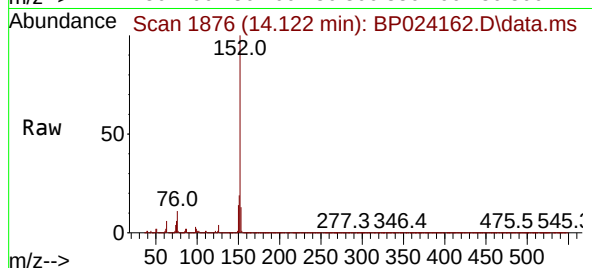
Tgt Ion:152 Resp: 714937

Ion Ratio Lower Upper

152 100

151 19.4 16.0 24.0

153 13.3 10.6 15.8



#50

Dimethylphthalate

Concen: 9.563 ng

RT: 13.857 min Scan# 1831

Delta R.T. 0.000 min

Lab File: BP024162.D

Acq: 12 Mar 2025 17:38

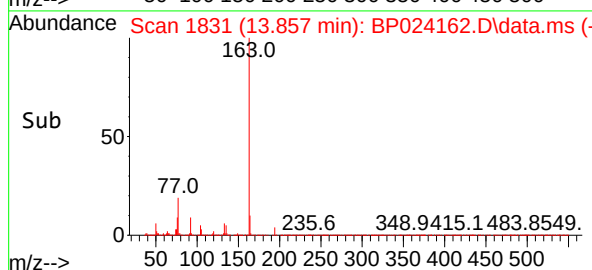
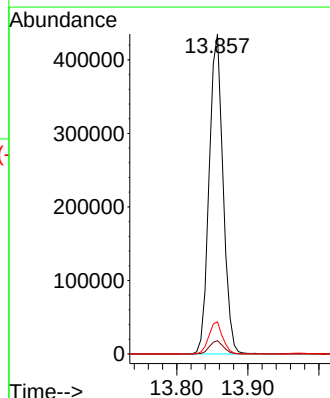
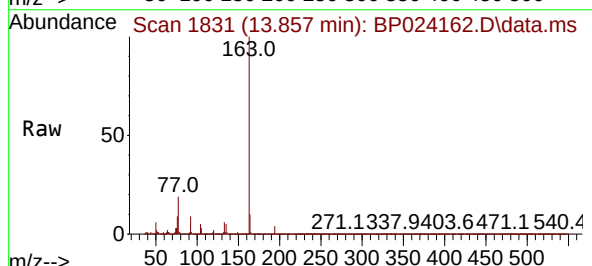
Tgt Ion:163 Resp: 592520

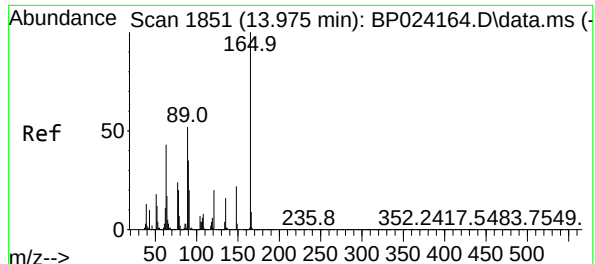
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.1 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 9.243 ng

RT: 13.975 min Scan# 1851

Delta R.T. 0.000 min

Lab File: BP024162.D

Acq: 12 Mar 2025 17:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

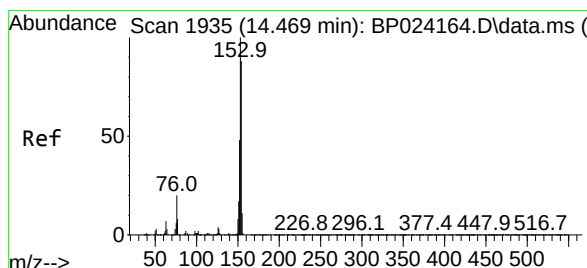
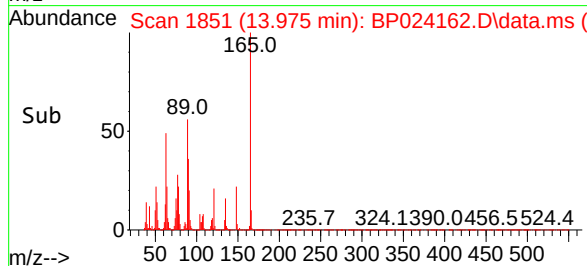
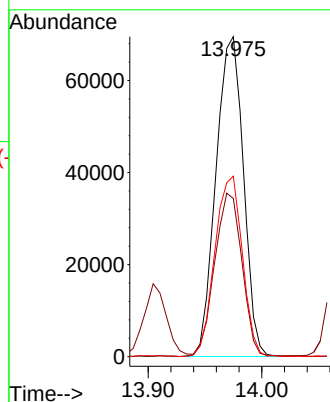
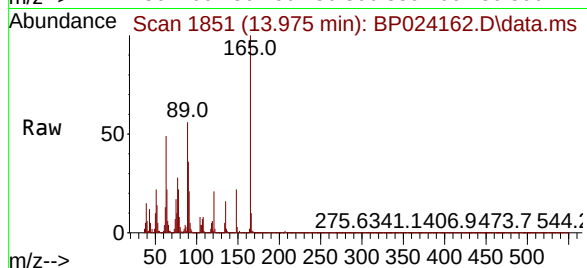
Tgt Ion:165 Resp: 116661

Ion Ratio Lower Upper

165 100

63 49.5 37.7 56.5

89 56.4 41.9 62.9



#52

Acenaphthene

Concen: 9.473 ng

RT: 14.469 min Scan# 1935

Delta R.T. 0.000 min

Lab File: BP024162.D

Acq: 12 Mar 2025 17:38

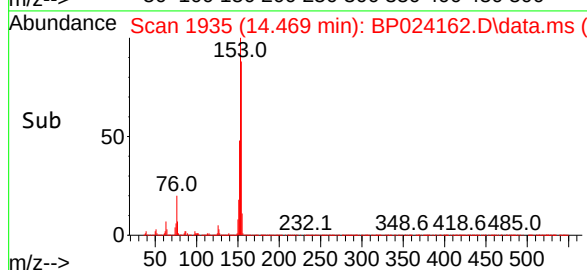
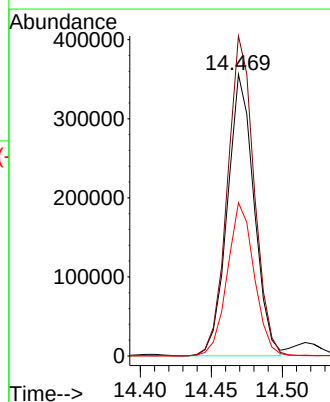
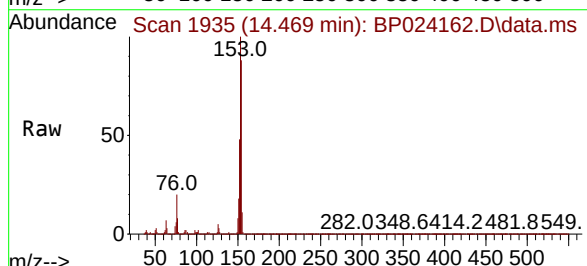
Tgt Ion:154 Resp: 463749

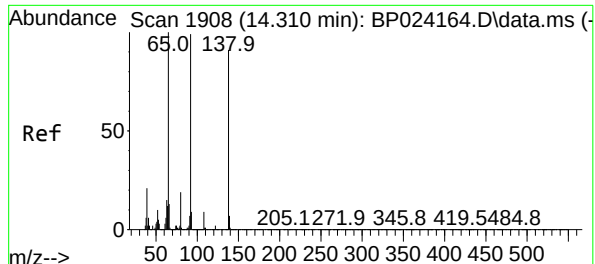
Ion Ratio Lower Upper

154 100

153 113.7 90.5 135.7

152 54.4 43.1 64.7

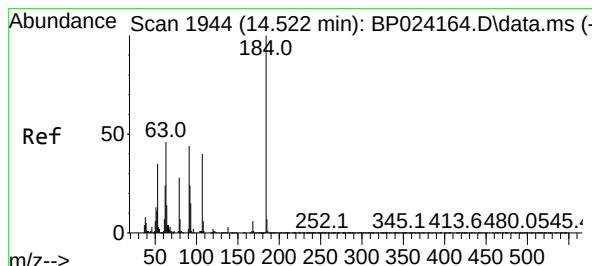
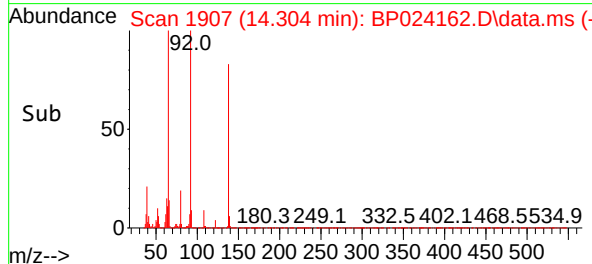
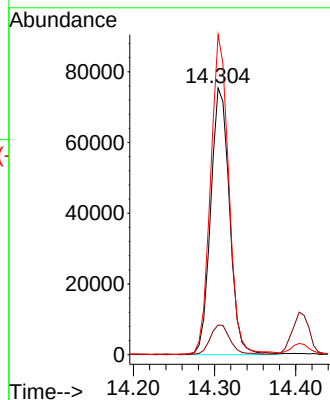
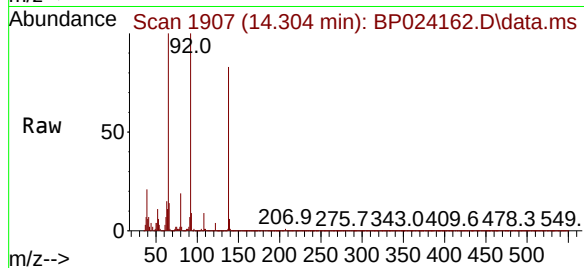




#53
3-Nitroaniline
Concen: 9.001 ng
RT: 14.304 min Scan# 1907
Delta R.T. -0.006 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

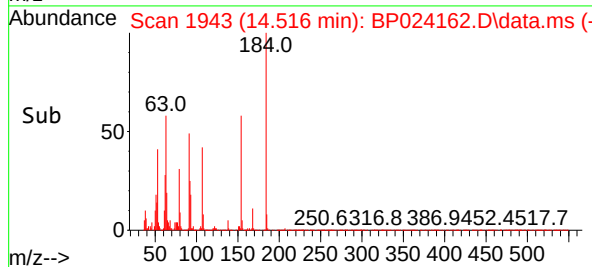
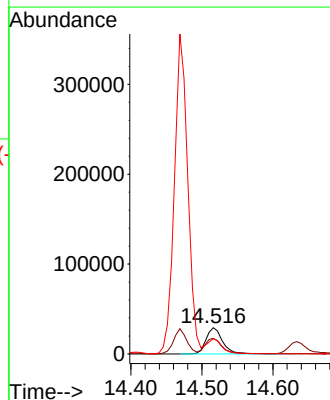
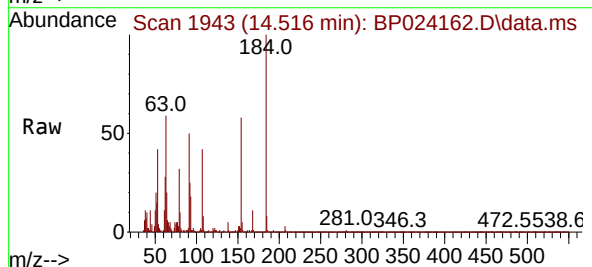
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

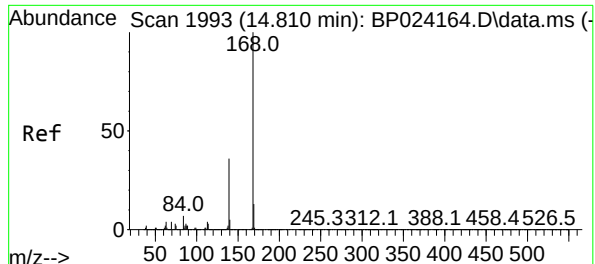
Tgt Ion:138 Resp: 121229
Ion Ratio Lower Upper
138 100
108 11.1 8.2 12.2
92 120.0 86.7 130.1



#54
2,4-Dinitrophenol
Concen: 7.053 ng
RT: 14.516 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion:184 Resp: 47409
Ion Ratio Lower Upper
184 100
63 58.9 42.1 63.1
154 57.9 44.6 67.0

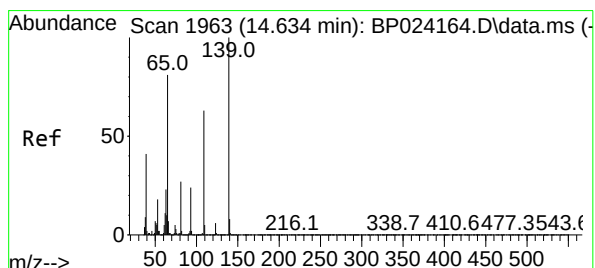
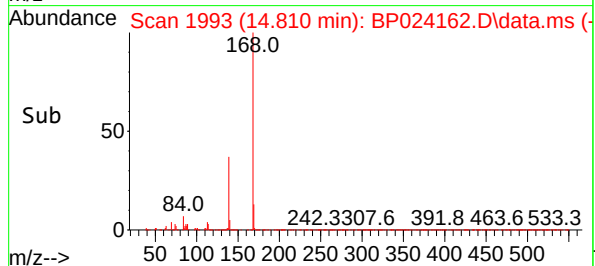
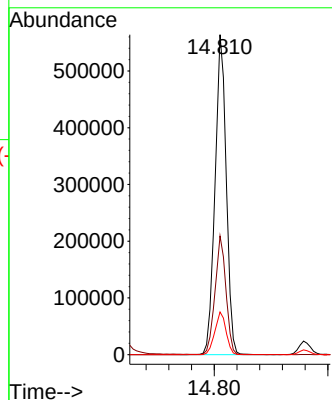
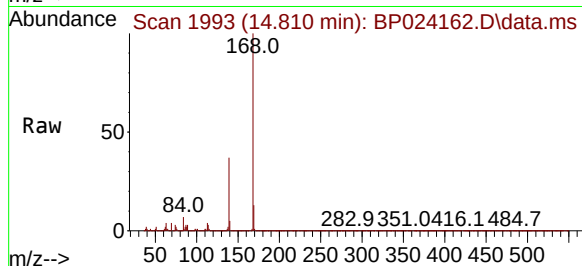




#55
Dibenzenofuran
Concen: 9.671 ng
RT: 14.810 min Scan# 1993
Delta R.T. 0.000 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

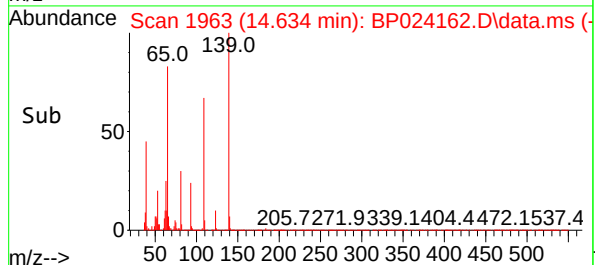
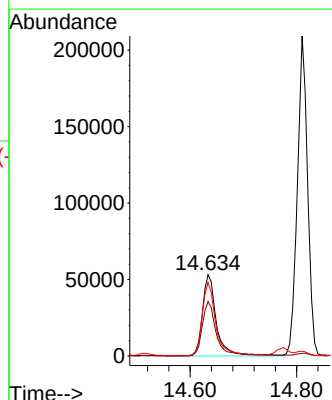
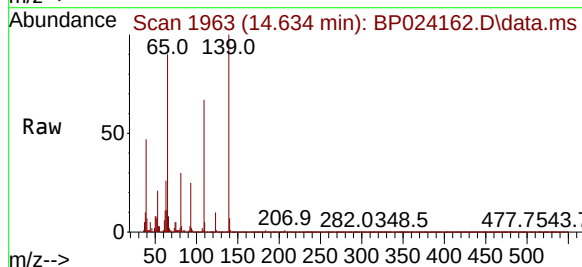
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

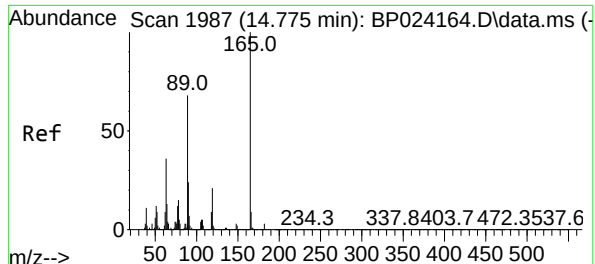
Tgt Ion:168 Resp: 769059
Ion Ratio Lower Upper
168 100
139 37.1 29.1 43.7
169 13.4 10.8 16.2



#56
4-Nitrophenol
Concen: 8.246 ng
RT: 14.634 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion:139 Resp: 95936
Ion Ratio Lower Upper
139 100
109 67.0 43.3 83.3
65 90.3 61.2 101.2

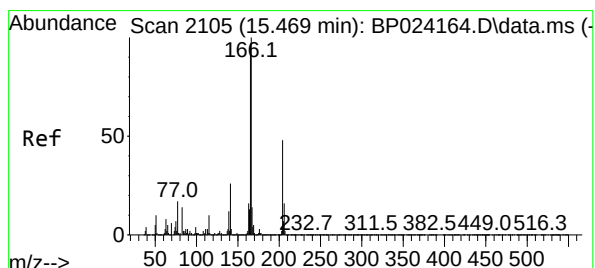
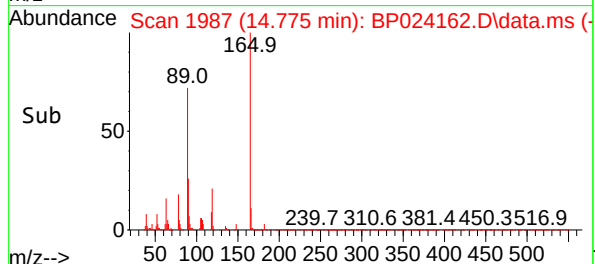
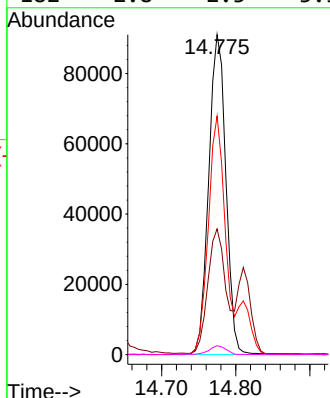
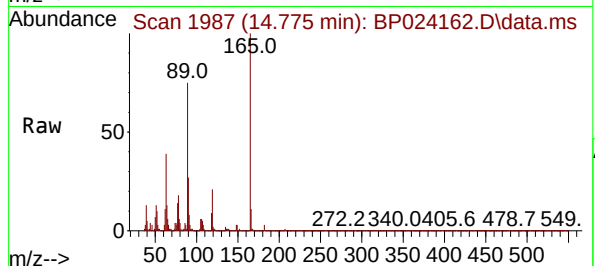




#57
2,4-Dinitrotoluene
Concen: 8.946 ng
RT: 14.775 min Scan# 1987
Delta R.T. 0.000 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

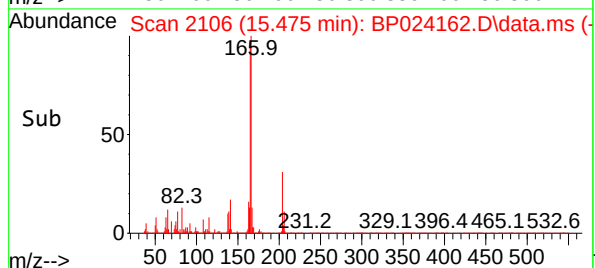
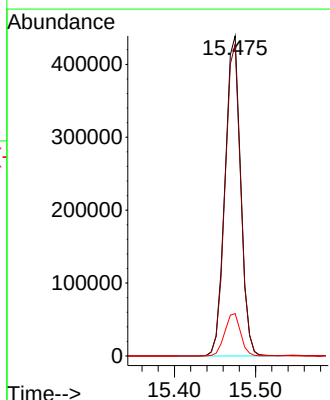
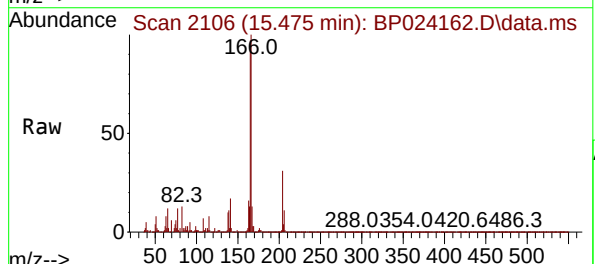
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

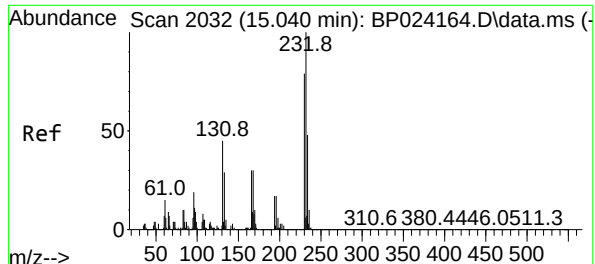
Tgt Ion:165 Resp: 146673
Ion Ratio Lower Upper
165 100
63 39.3 29.0 43.6
89 74.6 54.2 81.4
182 2.8 2.3 3.5



#58
Fluorene
Concen: 9.495 ng
RT: 15.475 min Scan# 2106
Delta R.T. 0.006 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion:166 Resp: 589720
Ion Ratio Lower Upper
166 100
165 97.4 77.6 116.4
167 13.3 10.8 16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 9.071 ng

RT: 15.045 min Scan# 2032

Delta R.T. 0.006 min

Lab File: BP024162.D

Acq: 12 Mar 2025 17:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:232 Resp: 141666

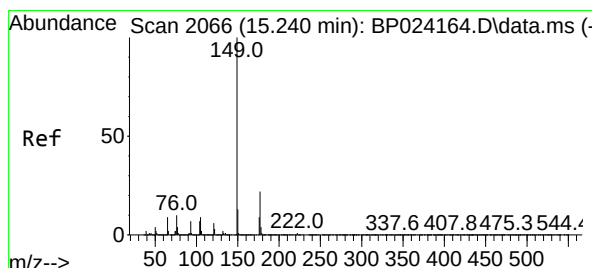
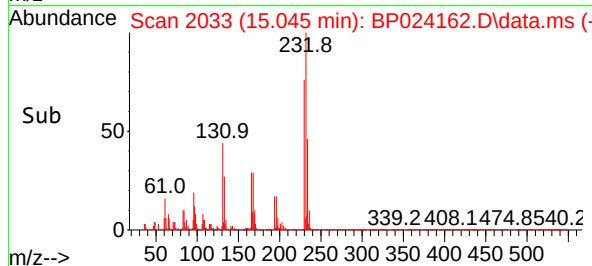
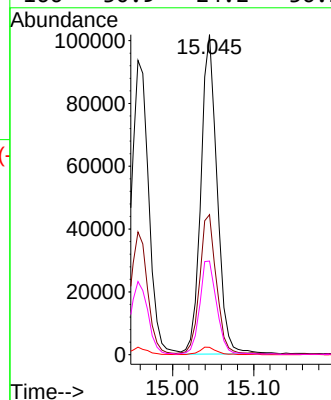
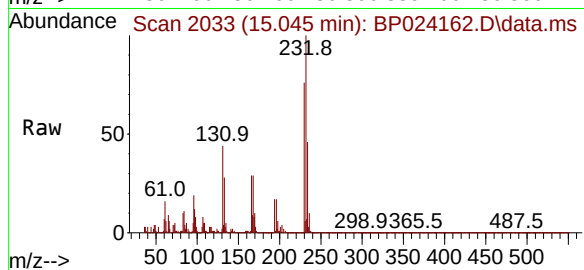
Ion Ratio Lower Upper

232 100

131 45.1 35.9 53.9

130 2.4 1.8 2.6

166 30.9 24.2 36.2



#60

Diethylphthalate

Concen: 9.543 ng

RT: 15.240 min Scan# 2066

Delta R.T. 0.000 min

Lab File: BP024162.D

Acq: 12 Mar 2025 17:38

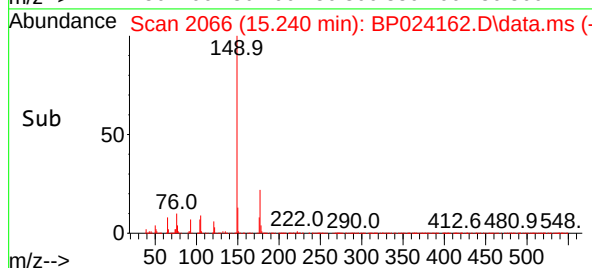
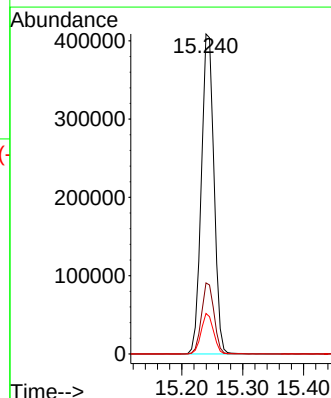
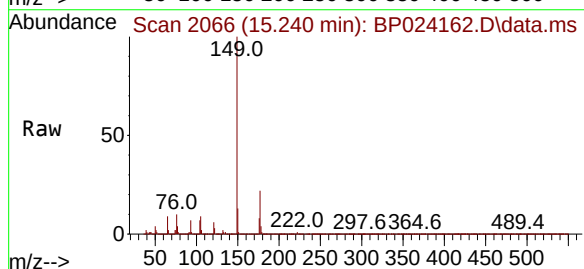
Tgt Ion:149 Resp: 586933

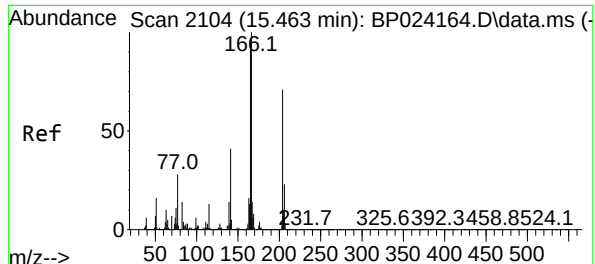
Ion Ratio Lower Upper

149 100

177 22.2 17.7 26.5

150 12.7 10.2 15.4

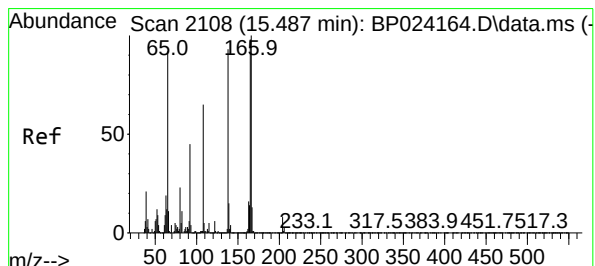
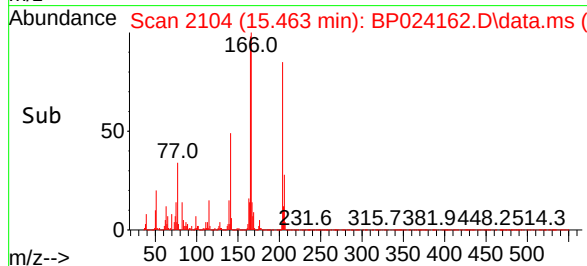
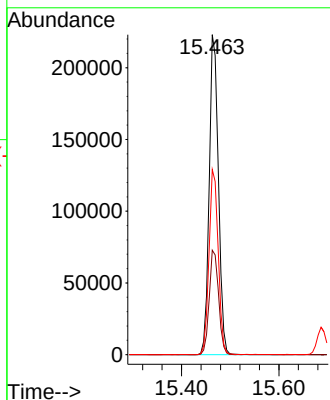
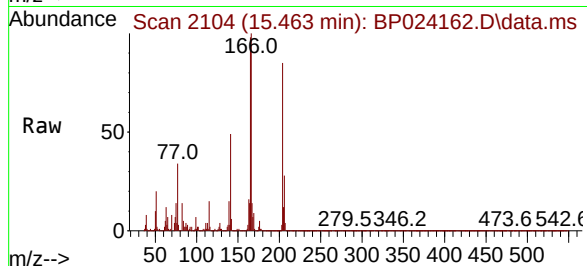




#61
4-Chlorophenyl-phenylether
Concen: 9.478 ng
RT: 15.463 min Scan# 2104
Delta R.T. 0.000 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

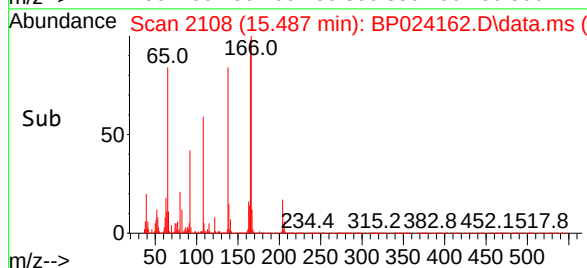
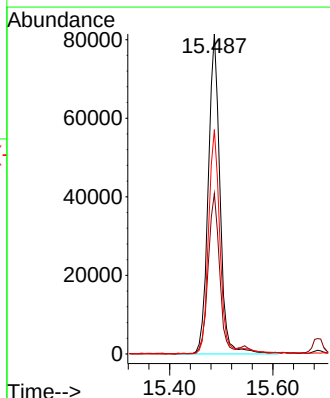
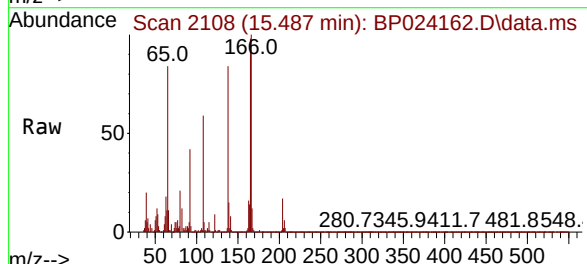
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

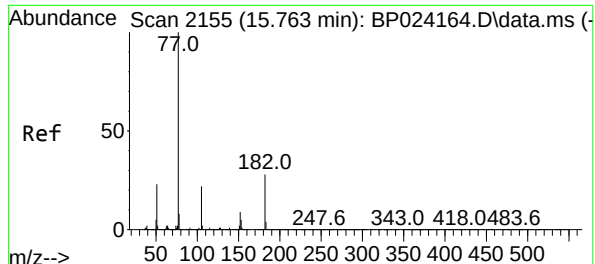
Tgt Ion:204 Resp: 289728
Ion Ratio Lower Upper
204 100
206 32.7 26.4 39.6
141 57.9 45.8 68.8



#62
4-Nitroaniline
Concen: 9.169 ng
RT: 15.487 min Scan# 2108
Delta R.T. 0.000 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion:138 Resp: 128152
Ion Ratio Lower Upper
138 100
92 50.2 28.7 68.7
108 70.1 49.5 89.5

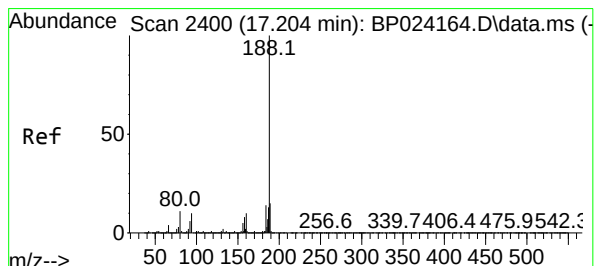
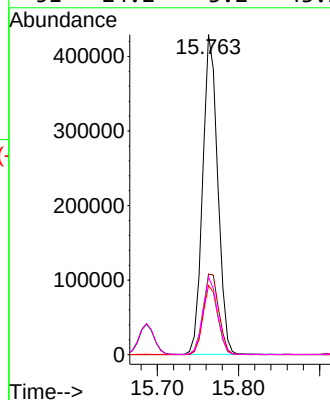
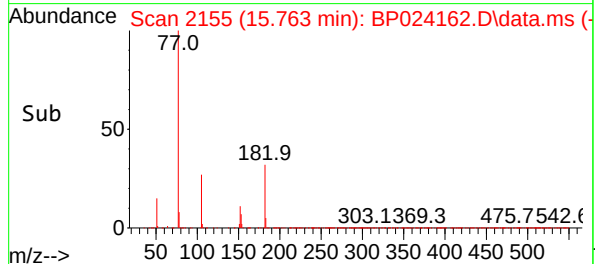
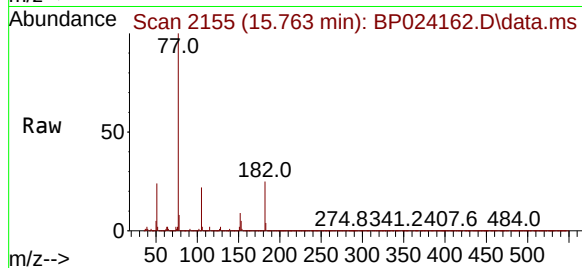




#63
Azobenzene
Concen: 9.535 ng
RT: 15.763 min Scan# 2155
Delta R.T. 0.000 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

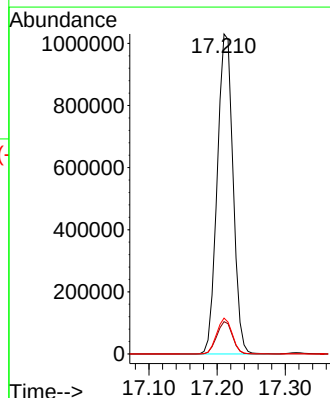
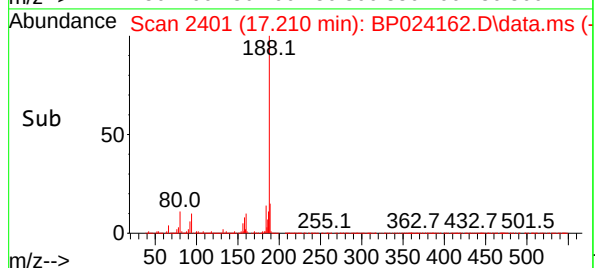
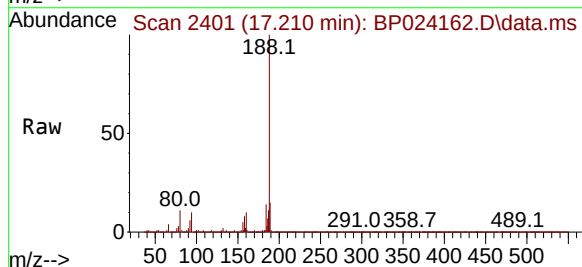
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

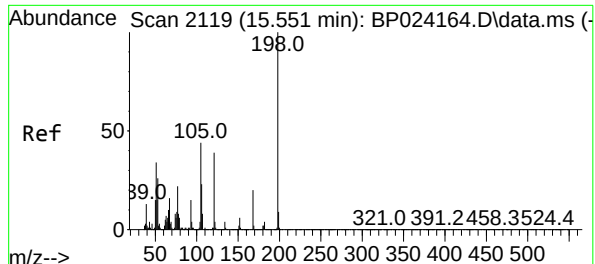
Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.2	7.7	47.7
105	21.6	2.3	42.3
51	24.2	3.2	43.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2401
Delta R.T. 0.006 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.1	12.1
80	11.2	8.9	13.3

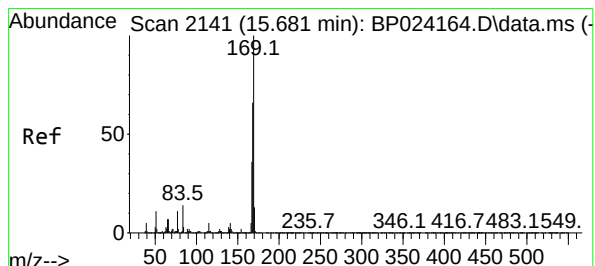
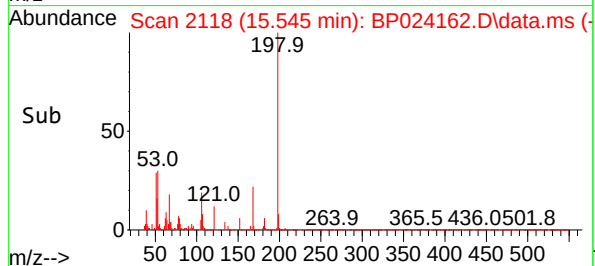
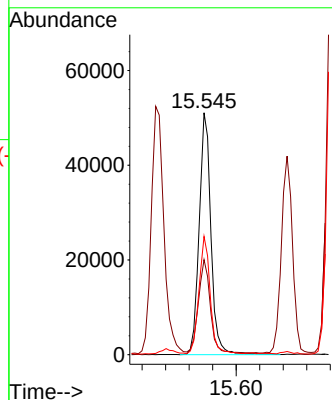
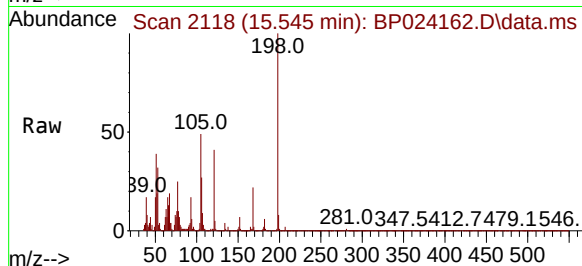




#65
4,6-Dinitro-2-methylphenol
Concen: 7.361 ng
RT: 15.545 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

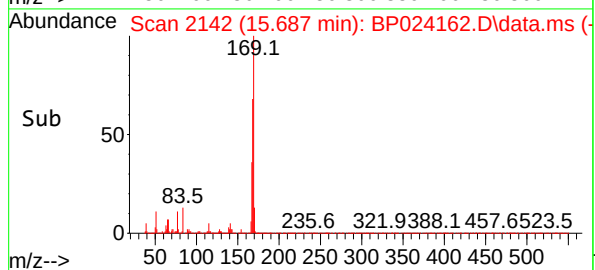
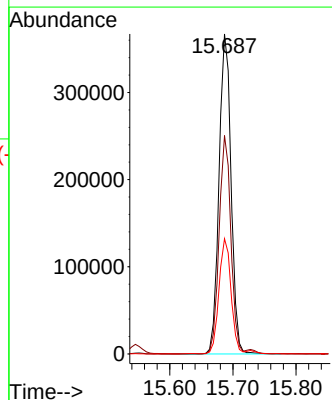
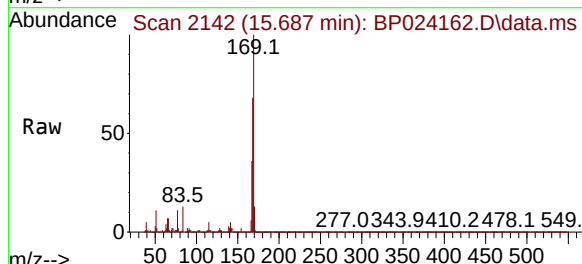
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

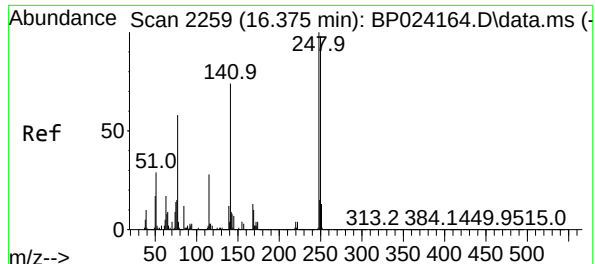
Tgt Ion:198 Resp: 70717
Ion Ratio Lower Upper
198 100
51 39.3 14.7 54.7
105 48.9 23.8 63.8



#66
n-Nitrosodiphenylamine
Concen: 9.352 ng
RT: 15.687 min Scan# 2142
Delta R.T. 0.006 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion:169 Resp: 484111
Ion Ratio Lower Upper
169 100
168 68.3 52.9 79.3
167 36.0 28.8 43.2





#67

4-Bromophenyl-phenylether

Concen: 9.207 ng

RT: 16.381 min Scan# 2260

Delta R.T. 0.006 min

Lab File: BP024162.D

Acq: 12 Mar 2025 17:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

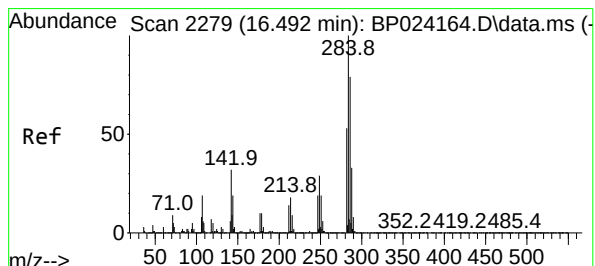
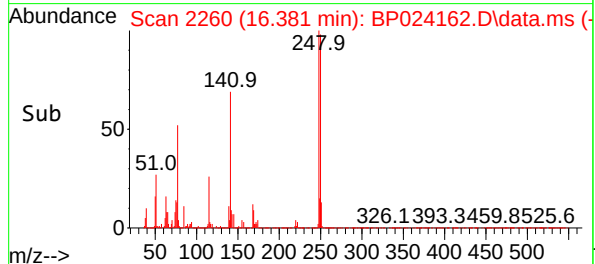
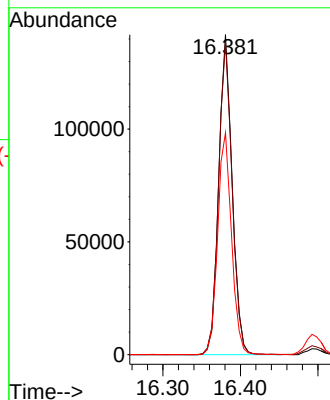
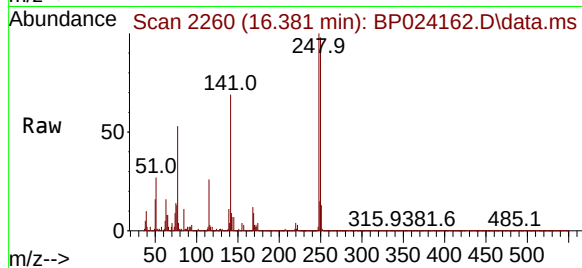
Tgt Ion:248 Resp: 171620

Ion Ratio Lower Upper

248 100

250 97.8 78.4 117.6

141 69.4 59.4 89.0



#68

Hexachlorobenzene

Concen: 9.414 ng

RT: 16.492 min Scan# 2279

Delta R.T. 0.000 min

Lab File: BP024162.D

Acq: 12 Mar 2025 17:38

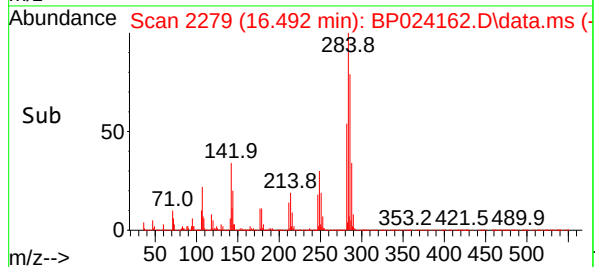
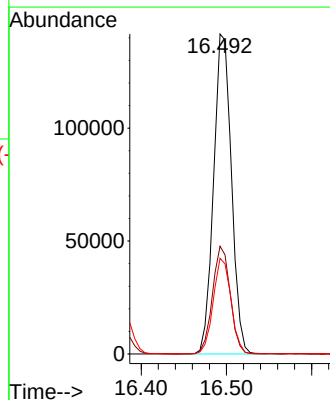
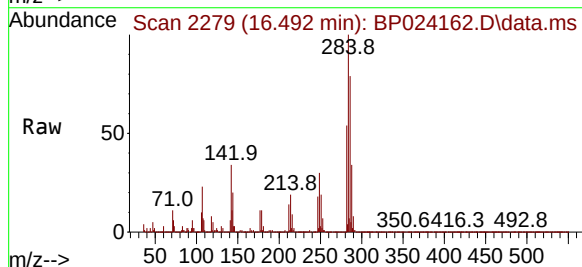
Tgt Ion:284 Resp: 206475

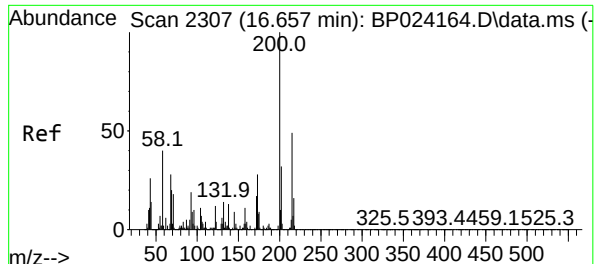
Ion Ratio Lower Upper

284 100

142 33.7 25.4 38.2

249 29.9 23.5 35.3

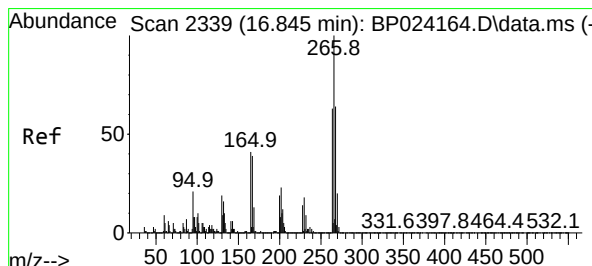
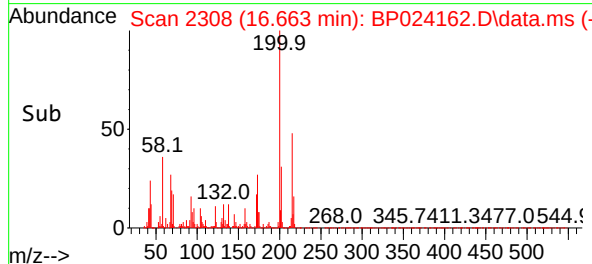
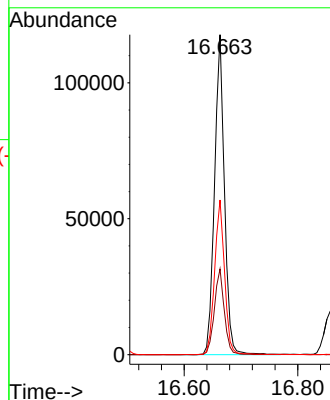
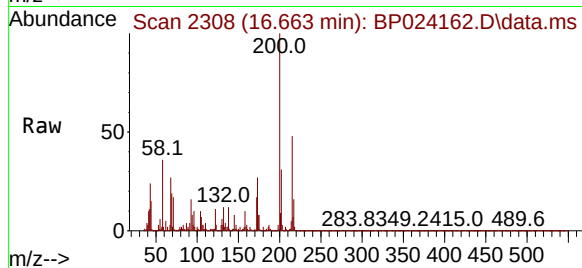




#69
Atrazine
Concen: 10.706 ng
RT: 16.663 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

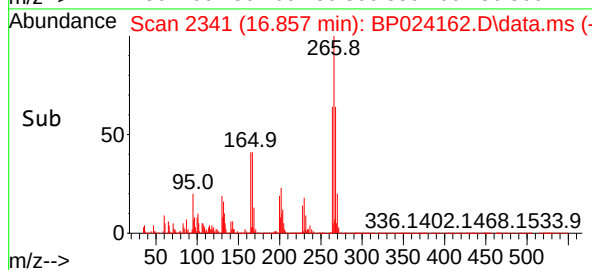
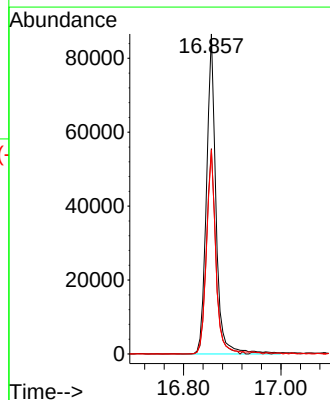
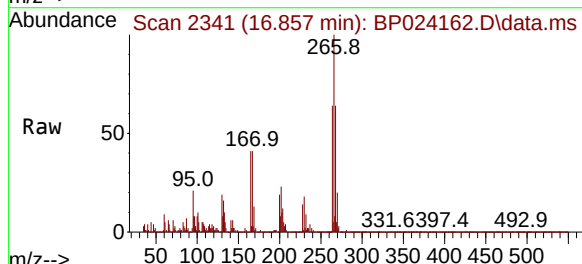
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

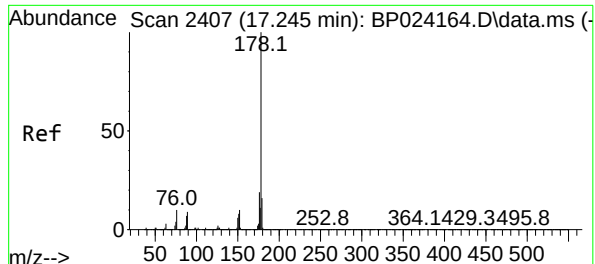
Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.8	7.6	47.6
215	48.3	29.0	69.0



#70
Pentachlorophenol
Concen: 8.175 ng
RT: 16.857 min Scan# 2341
Delta R.T. 0.012 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.1	51.3	76.9
264	63.7	50.6	76.0

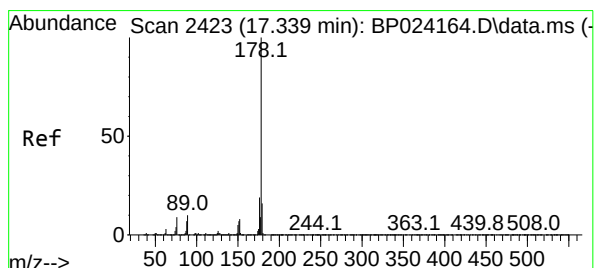
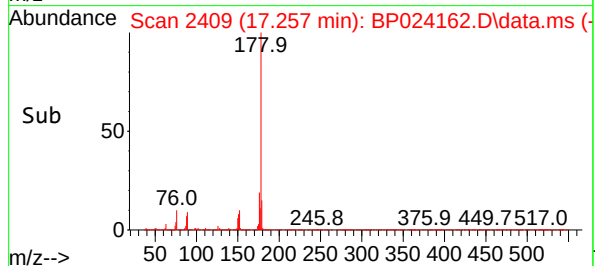
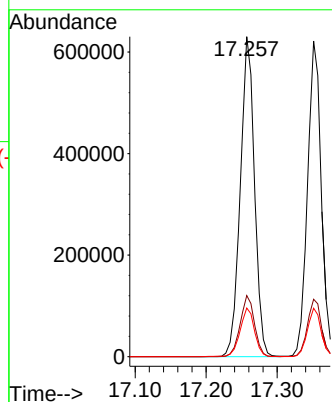
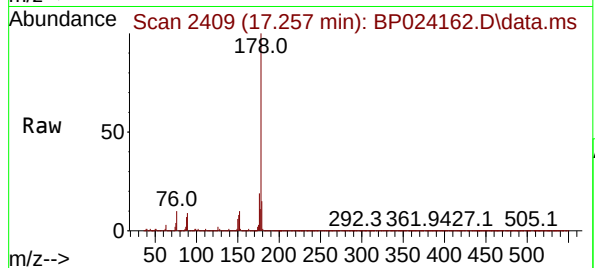




#71
Phenanthrene
Concen: 9.391 ng
RT: 17.257 min Scan# 2409
Delta R.T. 0.012 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

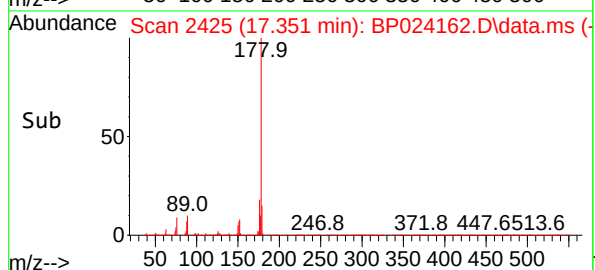
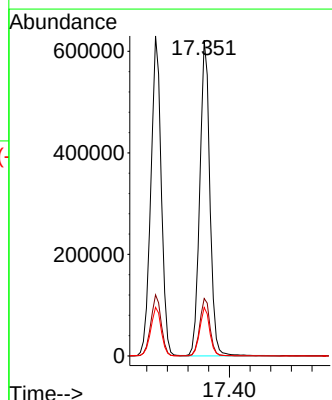
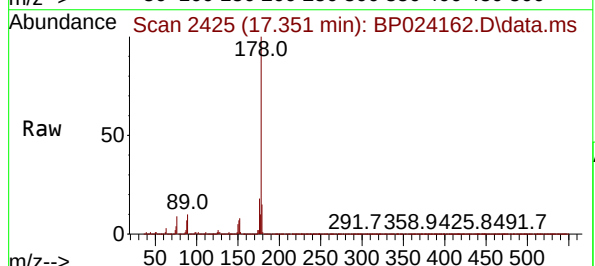
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

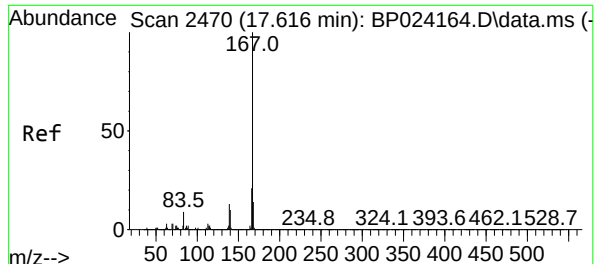
Tgt Ion:178 Resp: 878834
Ion Ratio Lower Upper
178 100
176 19.1 15.6 23.4
179 15.2 12.5 18.7



#72
Anthracene
Concen: 9.366 ng
RT: 17.351 min Scan# 2425
Delta R.T. 0.012 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion:178 Resp: 839953
Ion Ratio Lower Upper
178 100
176 18.2 15.2 22.8
179 15.4 12.6 18.8

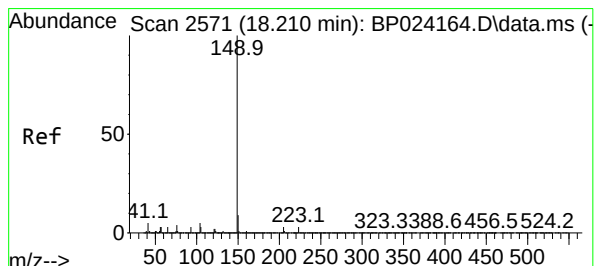
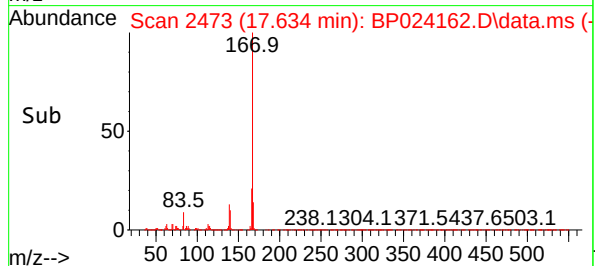
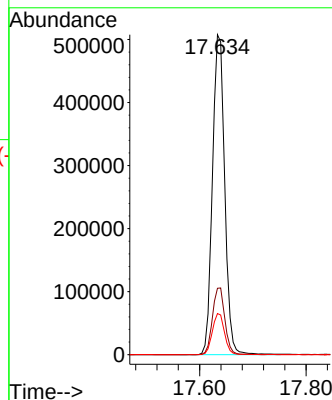
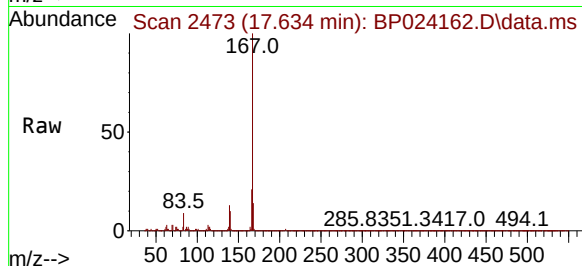




#73
Carbazole
Concen: 9.471 ng
RT: 17.634 min Scan# 2470
Delta R.T. 0.018 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

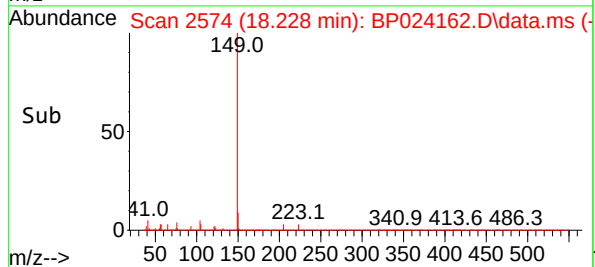
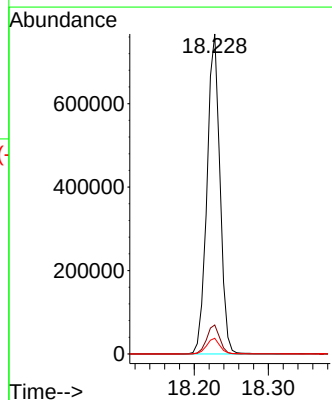
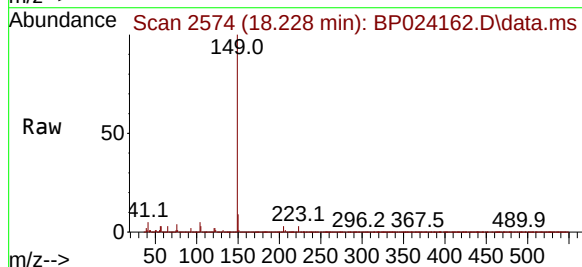
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

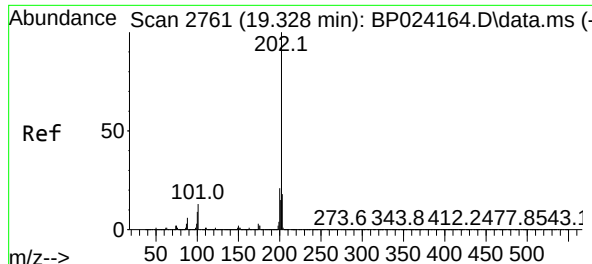
Tgt Ion:167 Resp: 809266
Ion Ratio Lower Upper
167 100
166 20.8 17.1 25.7
139 12.9 10.2 15.4



#74
Di-n-butylphthalate
Concen: 9.335 ng
RT: 18.228 min Scan# 2574
Delta R.T. 0.018 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion:149 Resp: 930693
Ion Ratio Lower Upper
149 100
150 9.0 7.6 11.4
104 4.9 3.9 5.9

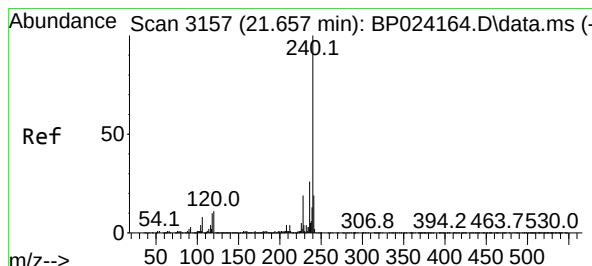
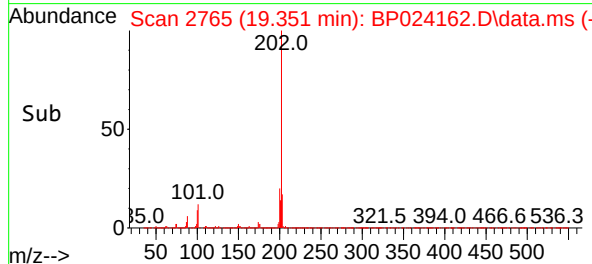
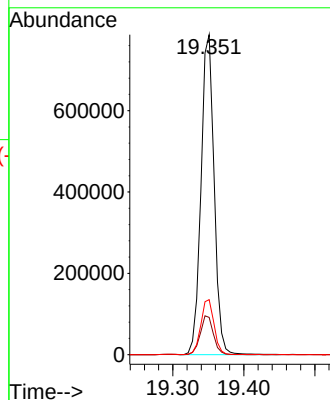
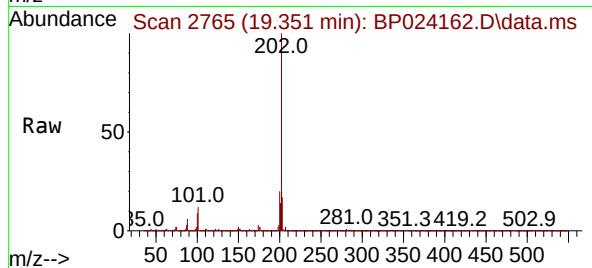




#75
Fluoranthene
Concen: 9.566 ng
RT: 19.351 min Scan# 21
Delta R.T. 0.024 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

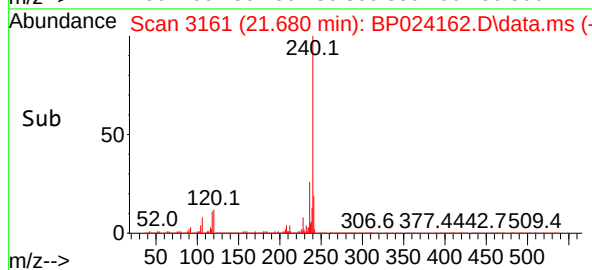
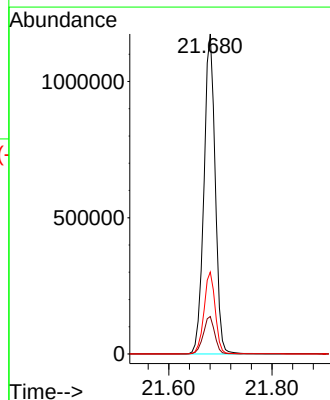
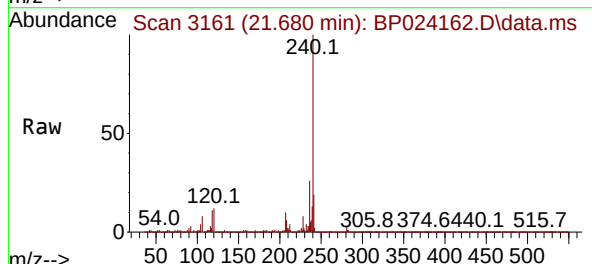
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

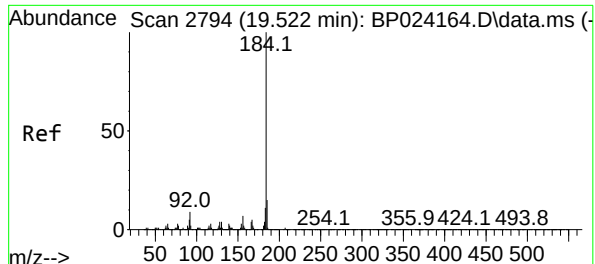
Tgt Ion:202 Resp: 1012600
Ion Ratio Lower Upper
202 100
101 11.7 0.0 32.5
203 17.2 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.680 min Scan# 3161
Delta R.T. 0.024 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion:240 Resp: 1774754
Ion Ratio Lower Upper
240 100
120 11.7 9.2 13.8
236 25.6 20.4 30.6

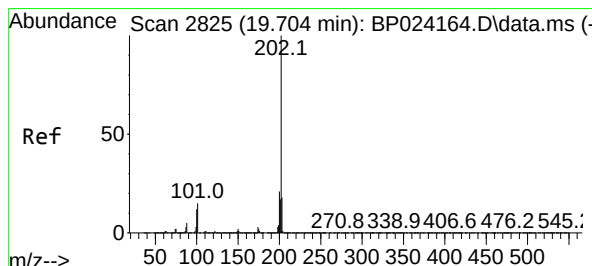
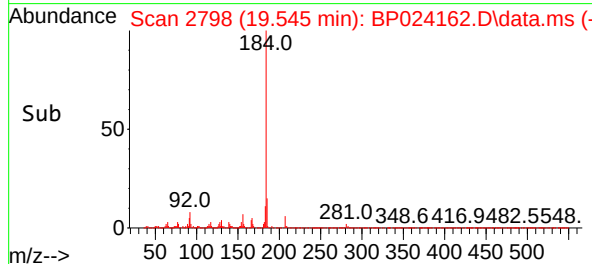
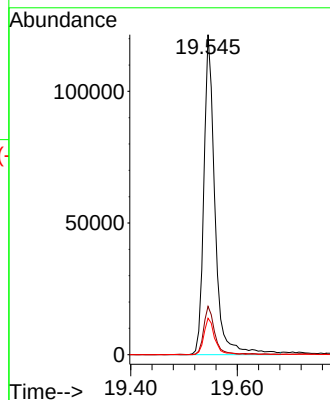
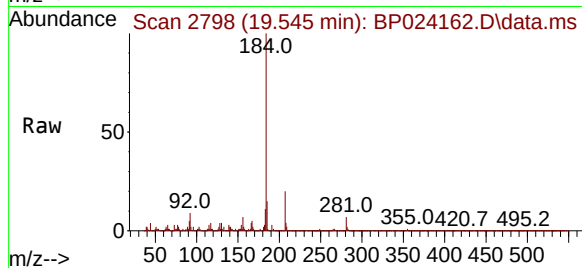




#77
Benzidine
Concen: 8.151 ng
RT: 19.545 min Scan# 21
Delta R.T. 0.024 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

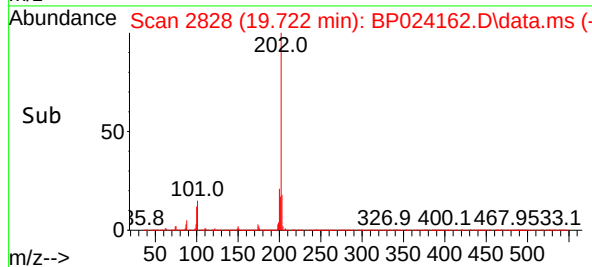
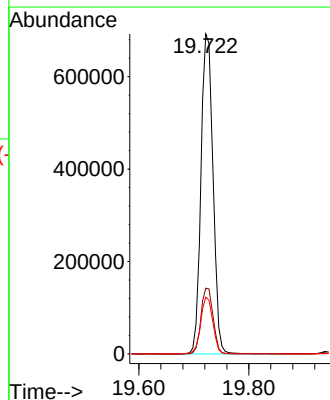
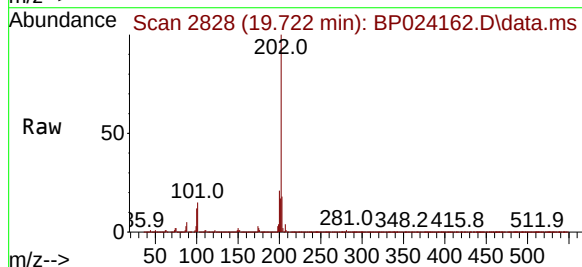
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

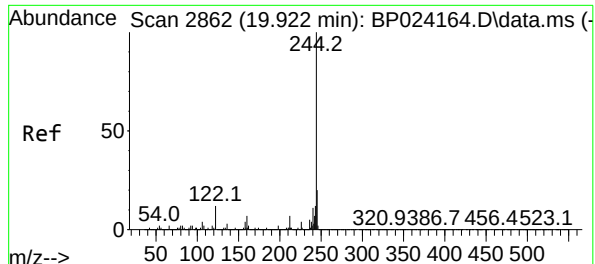
Tgt Ion:184 Resp: 176282
Ion Ratio Lower Upper
184 100
185 15.1 11.8 17.6
183 11.4 9.1 13.7



#78
Pyrene
Concen: 9.367 ng
RT: 19.722 min Scan# 2828
Delta R.T. 0.018 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion:202 Resp: 1056004
Ion Ratio Lower Upper
202 100
200 20.6 17.1 25.7
203 17.7 14.2 21.4





#79

Terphenyl-d14

Concen: 19.251 ng

RT: 19.939 min Scan# 21

Delta R.T. 0.018 min

Lab File: BP024162.D

Acq: 12 Mar 2025 17:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

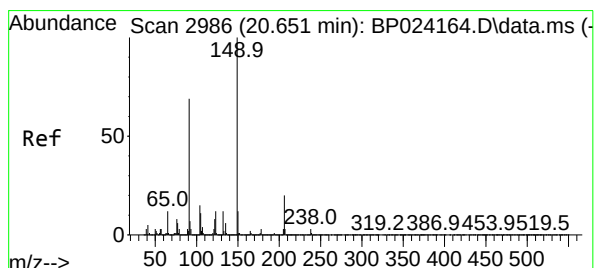
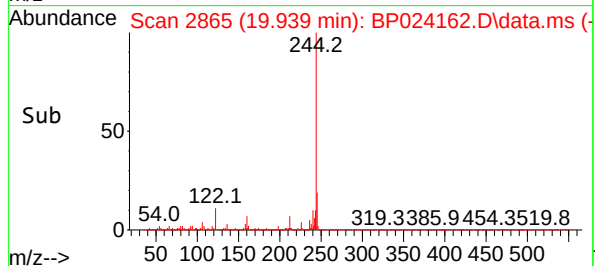
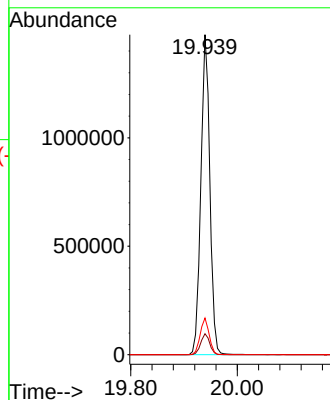
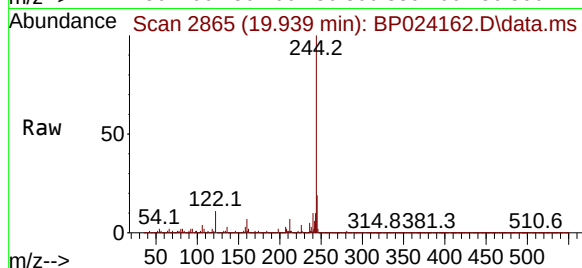
Tgt Ion:244 Resp: 1726609

Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

122 11.5 9.6 14.4



#80

Butylbenzylphthalate

Concen: 9.049 ng

RT: 20.675 min Scan# 2990

Delta R.T. 0.024 min

Lab File: BP024162.D

Acq: 12 Mar 2025 17:38

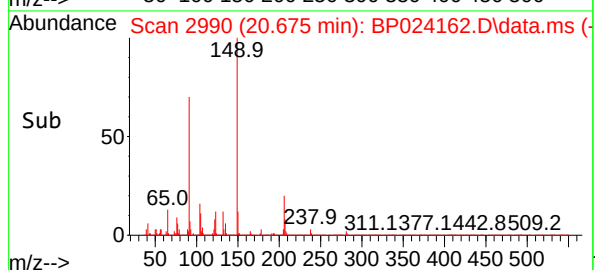
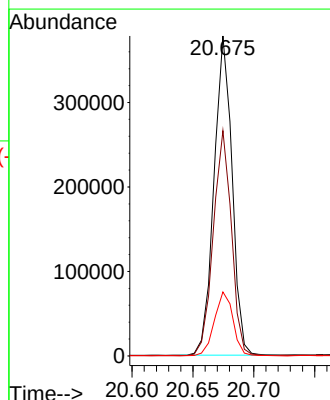
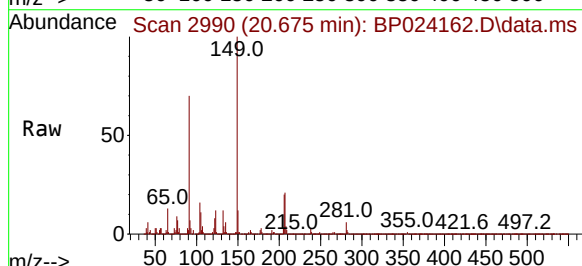
Tgt Ion:149 Resp: 390890

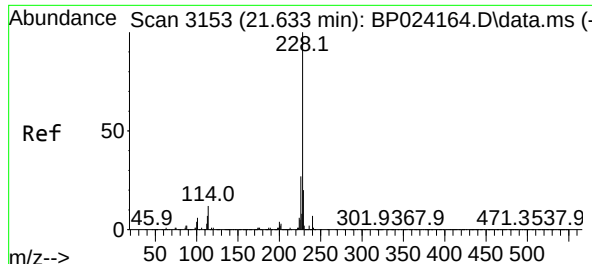
Ion Ratio Lower Upper

149 100

91 70.4 55.3 82.9

206 20.0 16.1 24.1

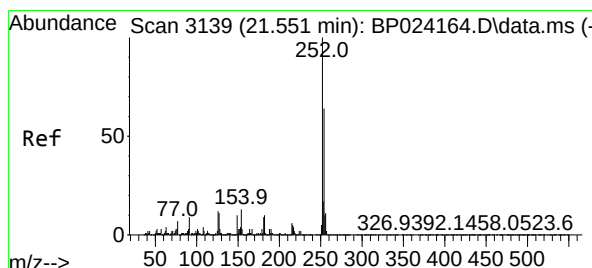
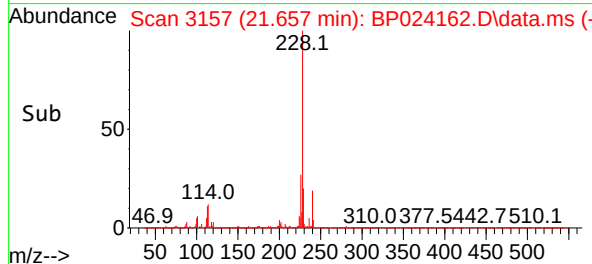
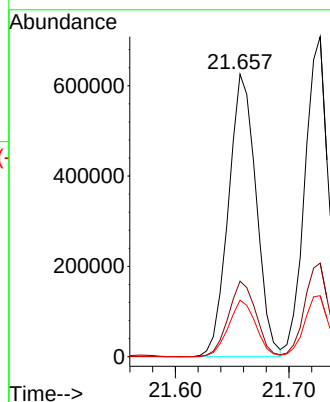
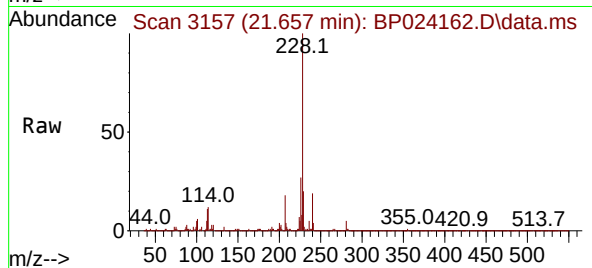




#81
Benzo(a)anthracene
Concen: 9.520 ng
RT: 21.657 min Scan# 3157
Delta R.T. 0.024 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

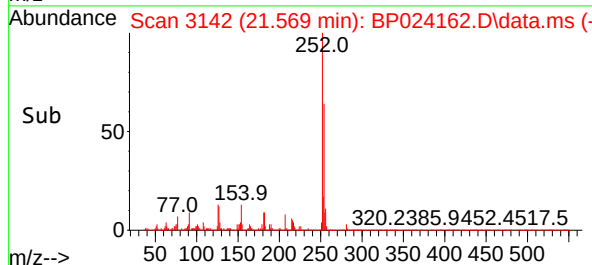
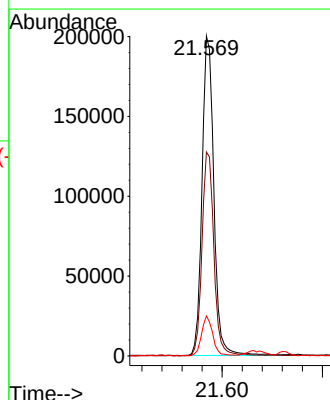
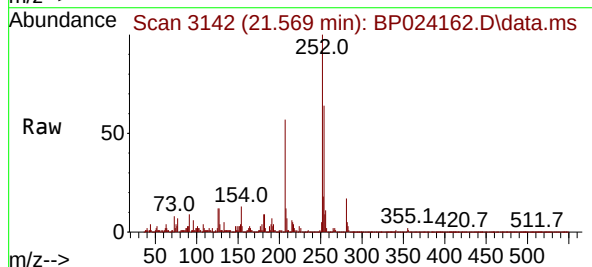
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

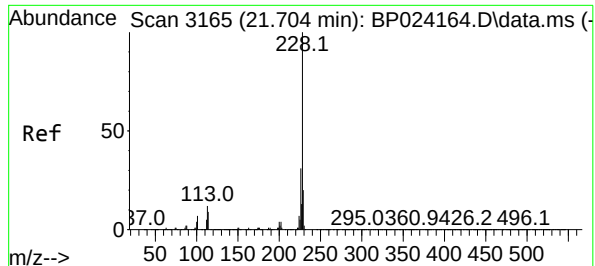
Tgt Ion:228 Resp: 1059397
Ion Ratio Lower Upper
228 100
226 26.8 21.8 32.8
229 20.0 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 9.409 ng
RT: 21.569 min Scan# 3142
Delta R.T. 0.018 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion:252 Resp: 327195
Ion Ratio Lower Upper
252 100
254 63.8 51.4 77.2
126 12.5 9.3 13.9





#83

Chrysene

Concen: 9.585 ng

RT: 21.727 min Scan# 3169

Delta R.T. 0.024 min

Lab File: BP024162.D

Acq: 12 Mar 2025 17:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

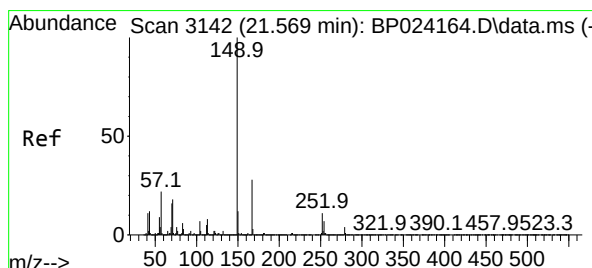
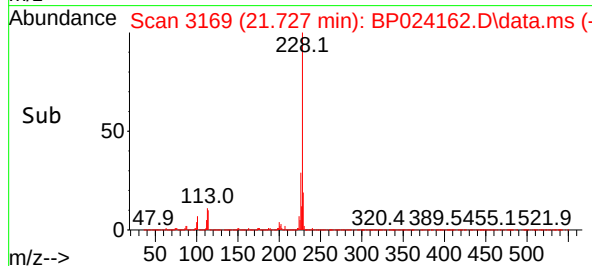
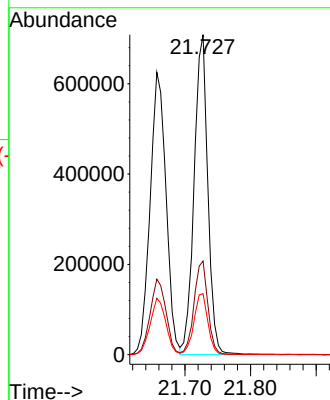
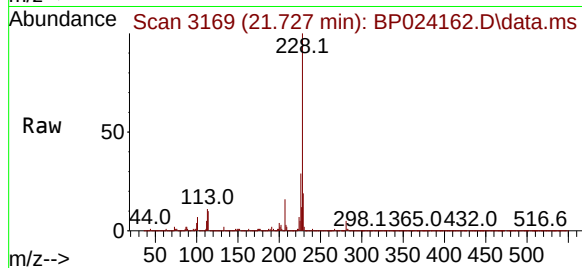
Tgt Ion:228 Resp: 1028579

Ion Ratio Lower Upper

228 100

226 29.3 24.5 36.7

229 19.1 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.181 ng

RT: 21.592 min Scan# 3146

Delta R.T. 0.024 min

Lab File: BP024162.D

Acq: 12 Mar 2025 17:38

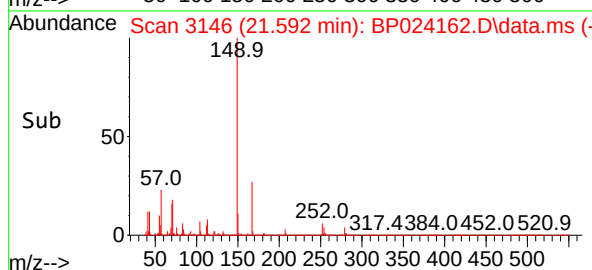
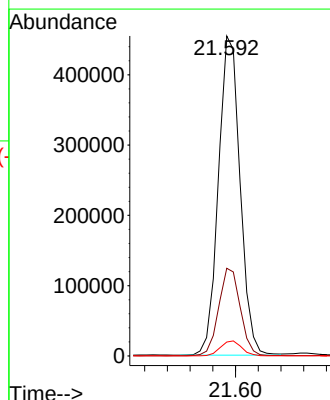
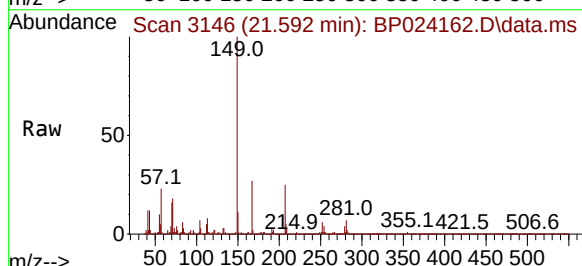
Tgt Ion:149 Resp: 601388

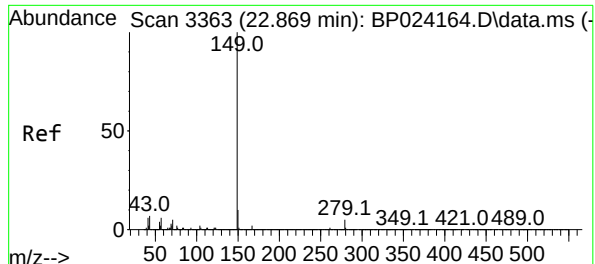
Ion Ratio Lower Upper

149 100

167 27.4 22.5 33.7

279 4.4 3.6 5.4

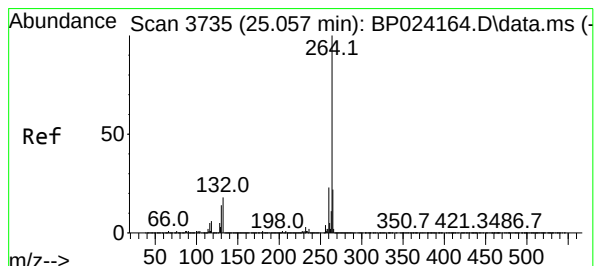
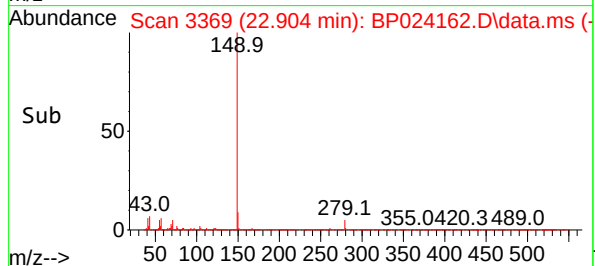
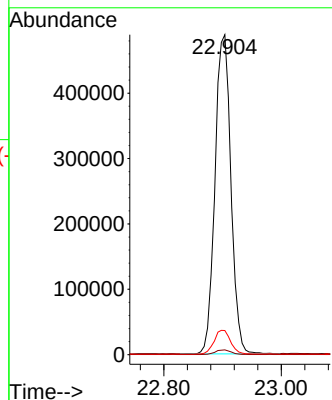
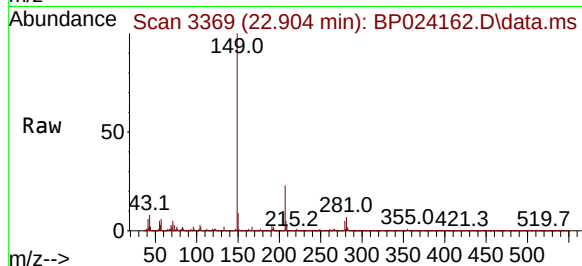




#85
Di-n-octyl phthalate
Concen: 8.757 ng
RT: 22.904 min Scan# 31
Delta R.T. 0.035 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

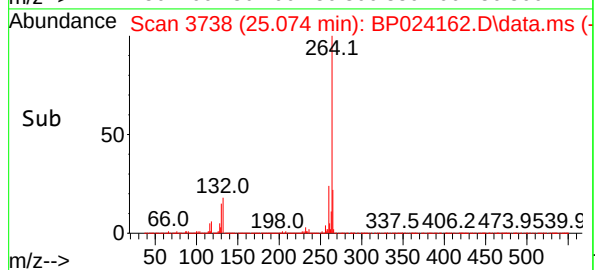
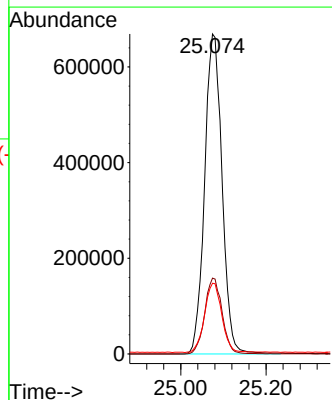
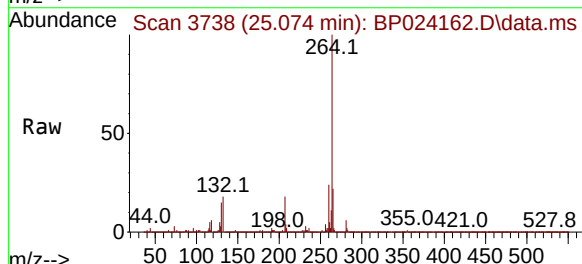
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

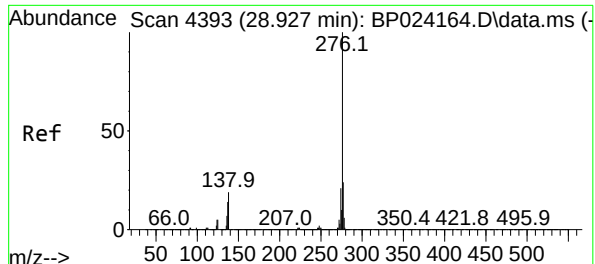
Tgt Ion:149 Resp: 916941
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 7.8 5.8 8.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.074 min Scan# 3738
Delta R.T. 0.018 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion:264 Resp: 1895165
Ion Ratio Lower Upper
264 100
260 23.7 18.5 27.7
265 22.1 17.7 26.5

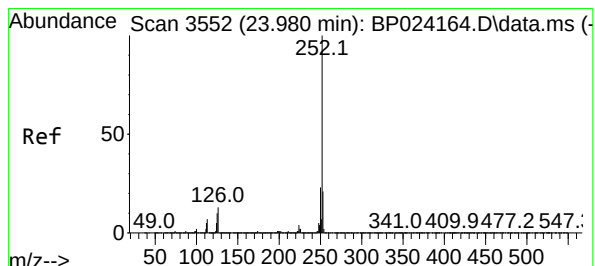
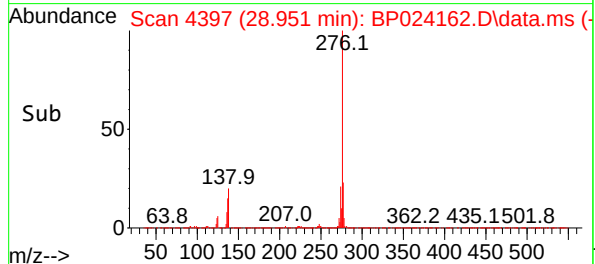
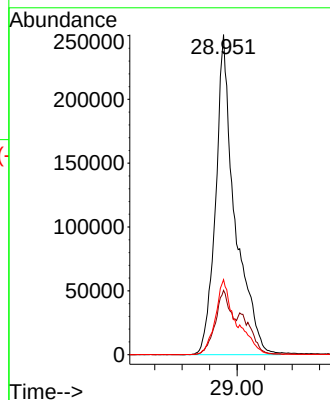
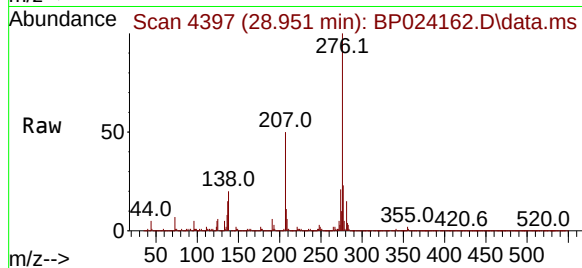




#87
Indeno(1,2,3-cd)pyrene
Concen: 9.061 ng
RT: 28.951 min Scan# 41
Delta R.T. 0.024 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

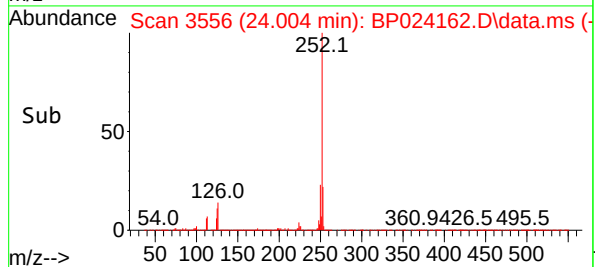
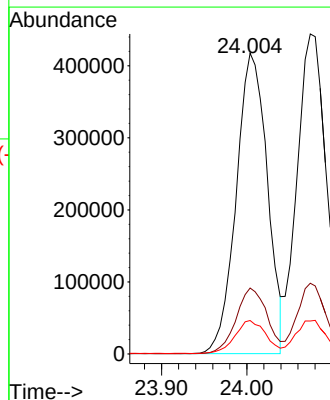
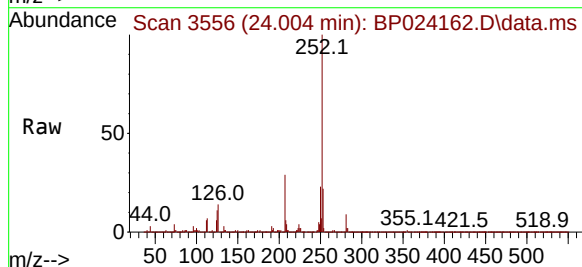
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

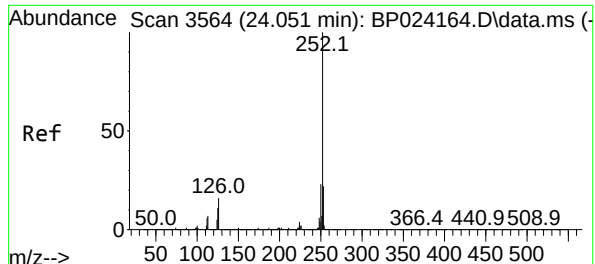
Tgt Ion:276 Resp: 1221650
Ion Ratio Lower Upper
276 100
138 17.3 13.7 20.5
277 19.7 20.2 30.2#



#88
Benzo(b)fluoranthene
Concen: 8.789 ng
RT: 24.004 min Scan# 3556
Delta R.T. 0.024 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion:252 Resp: 1057737
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 11.1 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 9.190 ng

RT: 24.074 min Scan# 31

Delta R.T. 0.024 min

Lab File: BP024162.D

Acq: 12 Mar 2025 17:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

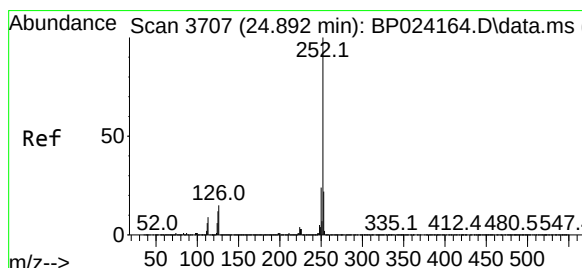
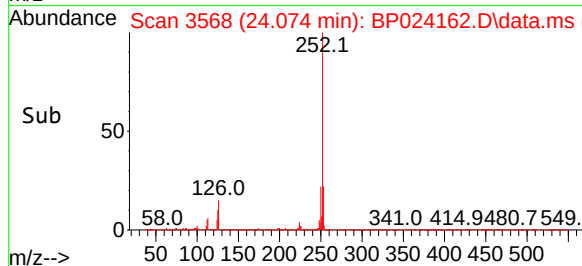
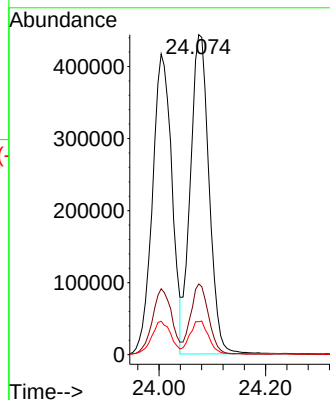
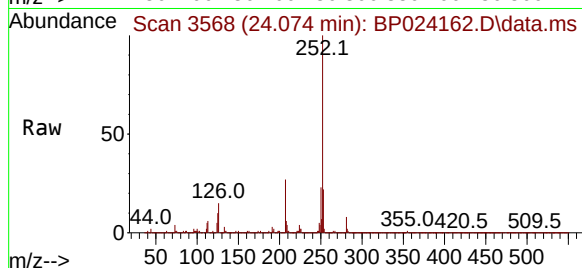
Tgt Ion:252 Resp: 1076560

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 10.3 9.1 13.7



#90

Benzo(a)pyrene

Concen: 8.896 ng

RT: 24.927 min Scan# 3713

Delta R.T. 0.035 min

Lab File: BP024162.D

Acq: 12 Mar 2025 17:38

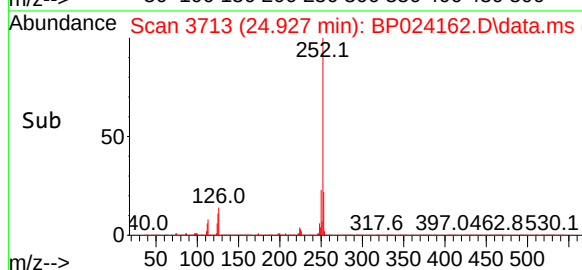
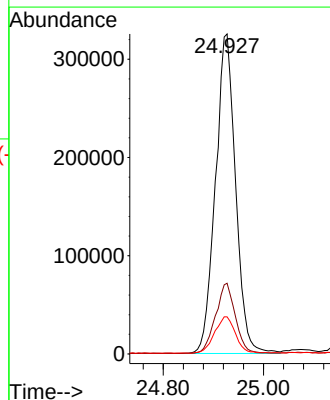
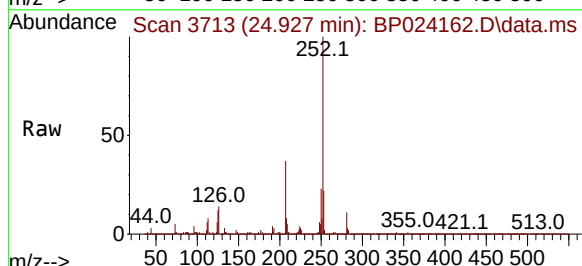
Tgt Ion:252 Resp: 908542

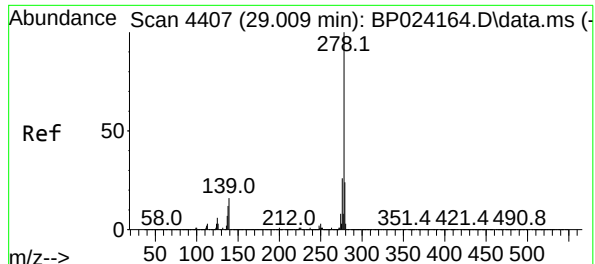
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 11.6 9.6 14.4

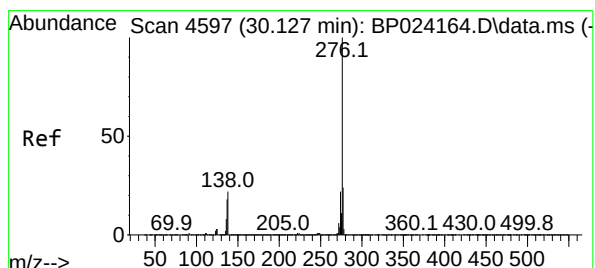
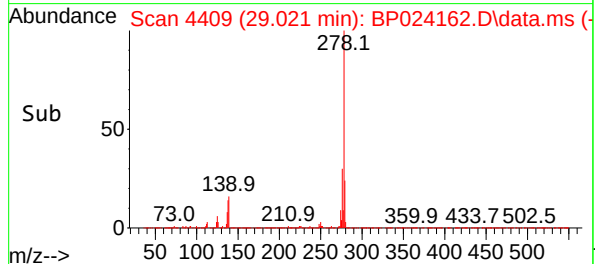
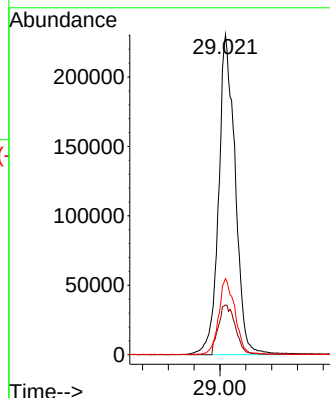
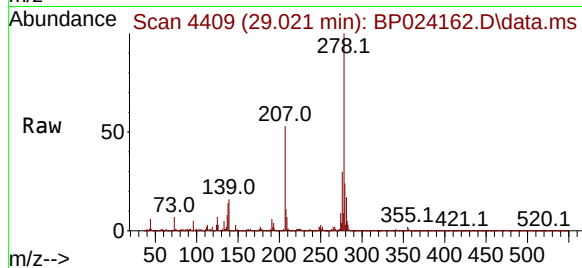




#91
Dibenzo(a,h)anthracene
Concen: 9.052 ng
RT: 29.021 min Scan# 4407
Delta R.T. 0.012 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

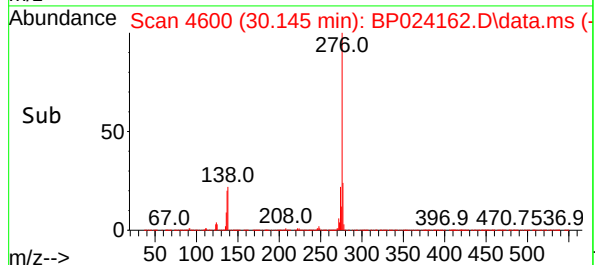
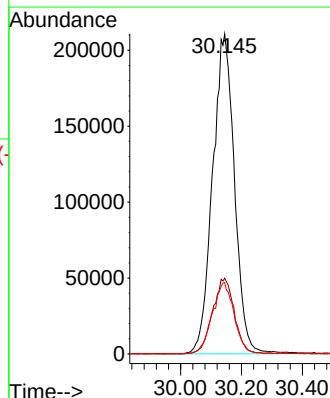
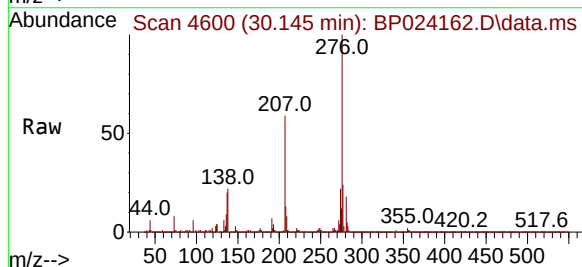
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:278 Resp: 1026140
Ion Ratio Lower Upper
278 100
139 15.6 13.0 19.4
279 23.7 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 9.121 ng
RT: 30.145 min Scan# 4600
Delta R.T. 0.018 min
Lab File: BP024162.D
Acq: 12 Mar 2025 17:38

Tgt Ion:276 Resp: 1049241
Ion Ratio Lower Upper
276 100
277 23.6 19.2 28.8
138 22.3 17.4 26.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
 Data File : BP024163.D
 Acq On : 12 Mar 2025 18:19
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC020

Quant Time: Mar 13 04:07:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 04:01:12 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	353514	20.000	ng	0.00
21) Naphthalene-d8	10.545	136	1479701	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	895871	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1698224	20.000	ng	0.00
76) Chrysene-d12	21.657	240	1778727	20.000	ng	0.00
86) Perylene-d12	25.062	264	1914395	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	924270	40.796	ng	0.00
7) Phenol-d6	6.952	99	1235081	42.415	ng	0.00
23) Nitrobenzene-d5	8.916	82	1081750	40.785	ng	0.00
42) 2,4,6-Tribromophenol	15.922	330	459354	41.861	ng	0.00
45) 2-Fluorobiphenyl	13.016	172	2543735	39.695	ng	0.00
79) Terphenyl-d14	19.927	244	3676388	40.898	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.316	88	183072	20.599	ng	99
3) Pyridine	3.716	79	496891	21.504	ng	99
4) n-Nitrosodimethylamine	3.622	42	168162	20.517	ng	96
6) Aniline	7.104	93	585428	21.953	ng	99
8) 2-Chlorophenol	7.340	128	499424	20.827	ng	99
9) Benzaldehyde	6.922	77	328740	24.728	ng	99
10) Phenol	6.975	94	619974	21.173	ng	100
11) bis(2-Chloroethyl)ether	7.199	93	497357	21.565	ng	100
12) 1,3-Dichlorobenzene	7.663	146	537900	20.418	ng	99
13) 1,4-Dichlorobenzene	7.804	146	552358	20.733	ng	99
14) 1,2-Dichlorobenzene	8.122	146	528080	20.654	ng	99
15) Benzyl Alcohol	8.004	79	387410	21.735	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.287	45	506774	22.636	ng	97
17) 2-Methylphenol	8.210	107	395947	22.190	ng	99
18) Hexachloroethane	8.846	117	193543	20.172	ng	98
19) n-Nitroso-di-n-propyla...	8.569	70	370486	23.663	ng	100
20) 3+4-Methylphenols	8.534	107	541047	22.289	ng	98
22) Acetophenone	8.587	105	786239	20.677	ng	# 100
24) Nitrobenzene	8.963	77	535855	20.529	ng	99
25) Isophorone	9.487	82	933509	21.523	ng	99
26) 2-Nitrophenol	9.669	139	246943	20.534	ng	99
27) 2,4-Dimethylphenol	9.728	122	325916	20.646	ng	100
28) bis(2-Chloroethoxy)met...	9.957	93	648792	20.649	ng	100
29) 2,4-Dichlorophenol	10.204	162	440705	20.457	ng	99
30) 1,2,4-Trichlorobenzene	10.416	180	486293	19.702	ng	99
31) Naphthalene	10.598	128	1625925	20.436	ng	99
32) Benzoic acid	9.845	122	280702	19.396	ng	99
33) 4-Chloroaniline	10.704	127	588052	20.980	ng	99
34) Hexachlorobutadiene	10.887	225	276905	19.369	ng	98
35) Caprolactam	11.487	113	143023	21.924	ng	98
36) 4-Chloro-3-methylphenol	11.839	107	479996	21.674	ng	99
37) 2-Methylnaphthalene	12.210	142	1090957	20.630	ng	98
38) 1-Methylnaphthalene	12.434	142	1077045	20.936	ng	99
40) 1,2,4,5-Tetrachloroben...	12.581	216	533843	19.394	ng	100
41) Hexachlorocyclopentadiene	12.563	237	191514	18.697	ng	99
43) 2,4,6-Trichlorophenol	12.822	196	339357	20.216	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
 Data File : BP024163.D
 Acq On : 12 Mar 2025 18:19
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC020

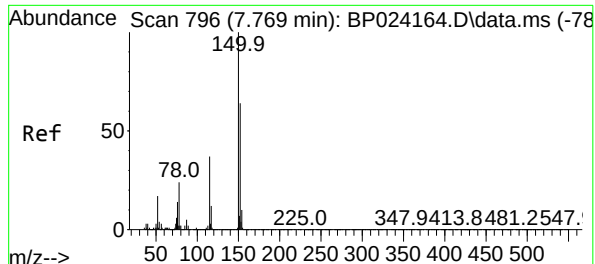
Quant Time: Mar 13 04:07:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 04:01:12 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.904	196	370561	20.184	ng	98
46) 1,1'-Biphenyl	13.228	154	1402874	20.152	ng	99
47) 2-Chloronaphthalene	13.269	162	1056861	20.083	ng	99
48) 2-Nitroaniline	13.469	65	268455	21.595	ng	98
49) Acenaphthylene	14.122	152	1590772	20.517	ng	100
50) Dimethylphthalate	13.857	163	1306638	20.677	ng	99
51) 2,6-Dinitrotoluene	13.969	165	271891	21.122	ng	97
52) Acenaphthene	14.469	154	1017503	20.379	ng	99
53) 3-Nitroaniline	14.304	138	293921	21.397	ng	97
54) 2,4-Dinitrophenol	14.516	184	130759	19.074	ng	99
55) Dibenzofuran	14.810	168	1643604	20.264	ng	99
56) 4-Nitrophenol	14.628	139	242843	20.466	ng	99
57) 2,4-Dinitrotoluene	14.769	165	358405	21.433	ng	97
58) Fluorene	15.469	166	1291744	20.392	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.039	232	326758	20.514	ng	99
60) Diethylphthalate	15.233	149	1287503	20.524	ng	99
61) 4-Chlorophenyl-phenyle...	15.469	204	623454	19.996	ng	99
62) 4-Nitroaniline	15.486	138	311347	21.841	ng	99
63) Azobenzene	15.763	77	1226441	20.864	ng	99
65) 4,6-Dinitro-2-methylph...	15.551	198	188346	19.162	ng	97
66) n-Nitrosodiphenylamine	15.680	169	1068735	20.181	ng	100
67) 4-Bromophenyl-phenylether	16.375	248	377534	19.797	ng	99
68) Hexachlorobenzene	16.498	284	447016	19.921	ng	96
69) Atrazine	16.657	200	265940	19.568	ng	99
70) Pentachlorophenol	16.851	266	282344	19.373	ng	99
71) Phenanthrene	17.251	178	1911548	19.965	ng	99
72) Anthracene	17.345	178	1870471	20.386	ng	100
73) Carbazole	17.622	167	1799842	20.589	ng	100
74) Di-n-butylphthalate	18.210	149	2118089	20.765	ng	100
75) Fluoranthene	19.327	202	2186012	20.186	ng	99
77) Benzidine	19.527	184	317361	14.642	ng	99
78) Pyrene	19.704	202	2310992	20.454	ng	100
80) Butylbenzylphthalate	20.657	149	912738	21.082	ng	99
81) Benzo(a)anthracene	21.639	228	2295776	20.583	ng	99
82) 3,3'-Dichlorobenzidine	21.557	252	762665	21.882	ng	100
83) Chrysene	21.704	228	2177924	20.250	ng	99
84) Bis(2-ethylhexyl)phtha...	21.574	149	1395096	21.249	ng	99
85) Di-n-octyl phthalate	22.874	149	2177750	20.752	ng	100
87) Indeno(1,2,3-cd)pyrene	28.939	276	2721144	19.980	ng	# 92
88) Benzo(b)fluoranthene	23.980	252	2407773	19.806	ng	100
89) Benzo(k)fluoranthene	24.051	252	2322149	19.624	ng	99
90) Benzo(a)pyrene	24.892	252	2038106	19.755	ng	99
91) Dibenzo(a,h)anthracene	28.997	278	2267016	19.797	ng	99
92) Benzo(g,h,i)perylene	30.127	276	2294574	19.746	ng	100

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

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

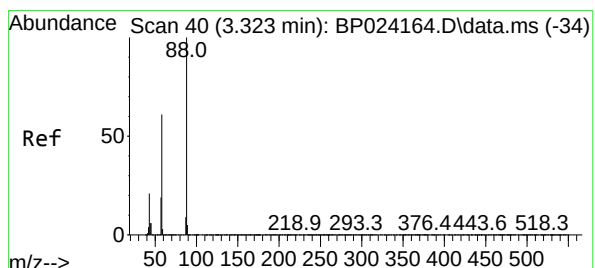
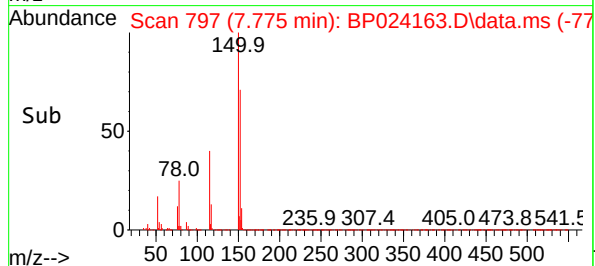
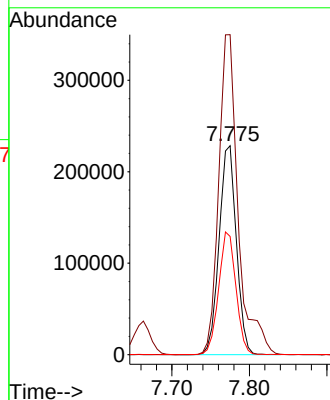
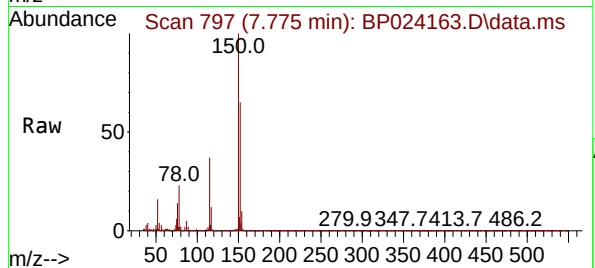
[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 79
Delta R.T. 0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

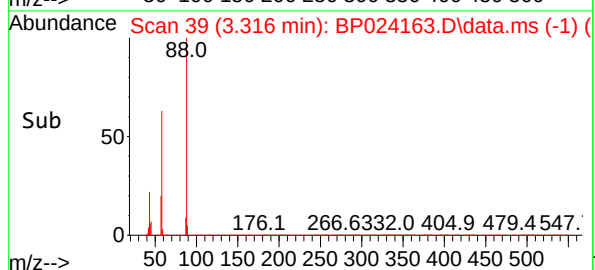
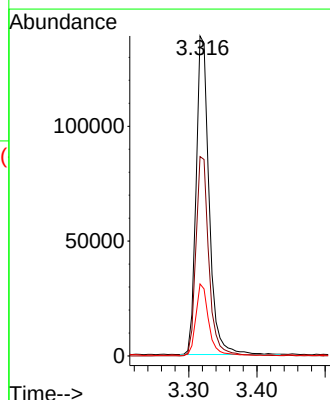
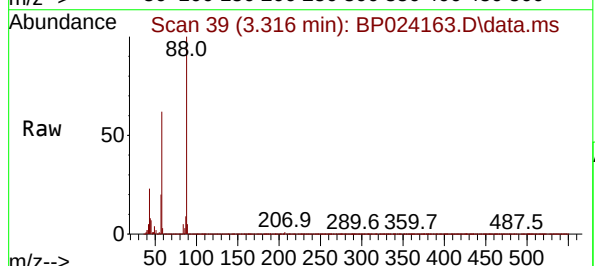
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BNA_P
ClientSampleId :
SSTDICC020

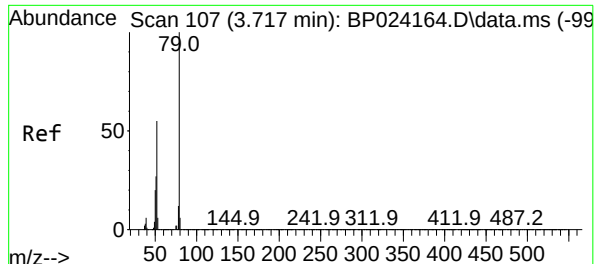
Tgt Ion:152 Resp: 353514
Ion Ratio Lower Upper
152 100
150 153.2 125.5 188.3
115 56.6 46.3 69.5



#2
1,4-Dioxane
Concen: 20.599 ng
RT: 3.316 min Scan# 39
Delta R.T. -0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion: 88 Resp: 183072
Ion Ratio Lower Upper
88 100
58 62.8 49.8 74.6
43 21.9 17.3 25.9

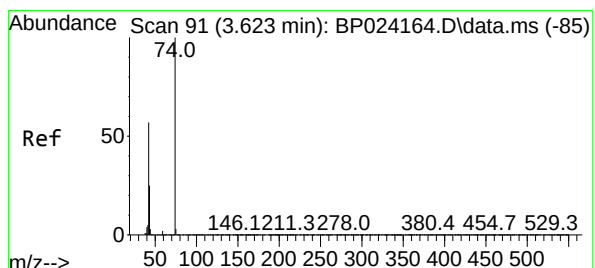
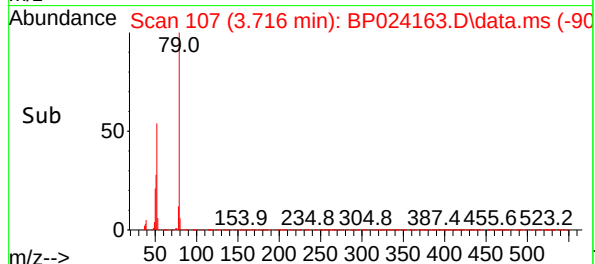
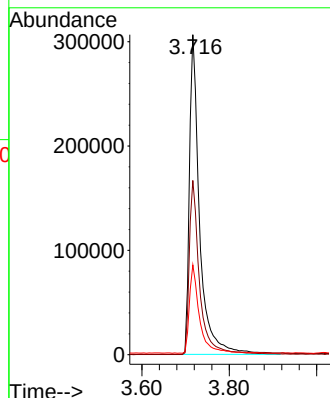
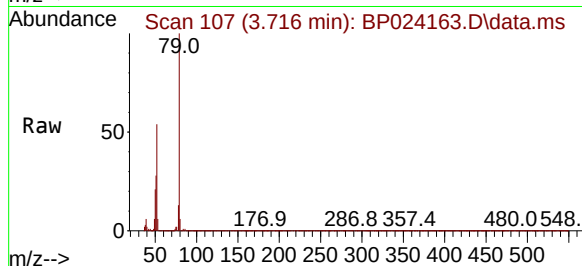




#3
Pyridine
Concen: 21.504 ng
RT: 3.716 min Scan# 107
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

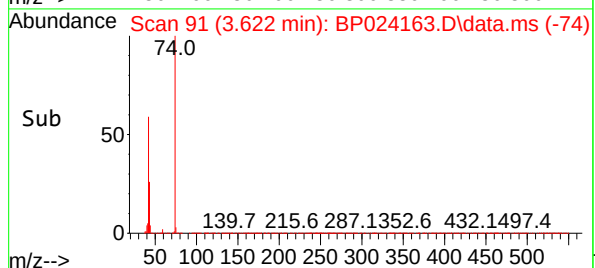
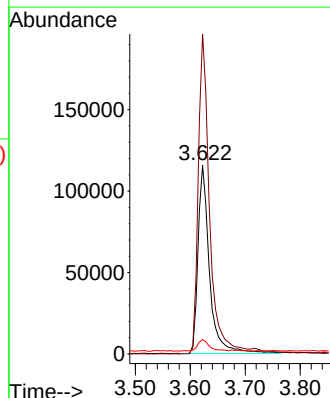
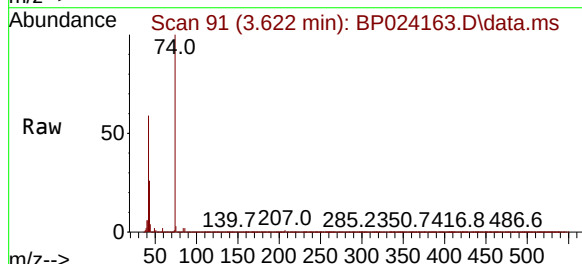
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BNA_P
ClientSampleId :
SSTDICC020

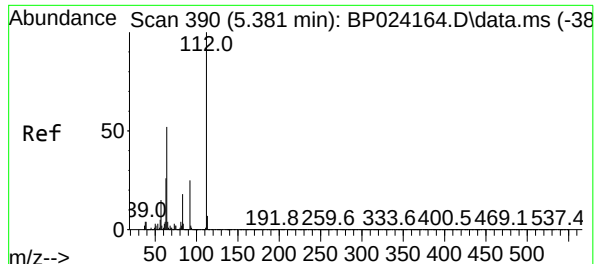
Tgt Ion: 79 Resp: 496891
Ion Ratio Lower Upper
79 100
52 54.5 43.8 65.8
51 28.0 21.6 32.4



#4
n-Nitrosodimethylamine
Concen: 20.517 ng
RT: 3.622 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion: 42 Resp: 168162
Ion Ratio Lower Upper
42 100
74 169.5 139.8 209.6
44 7.6 5.3 7.9

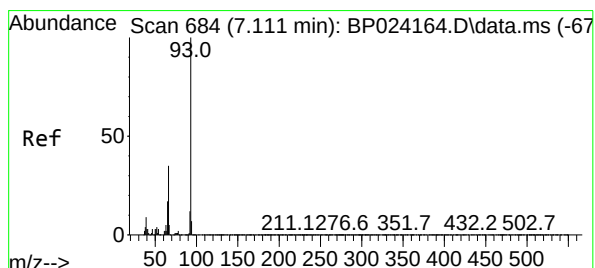
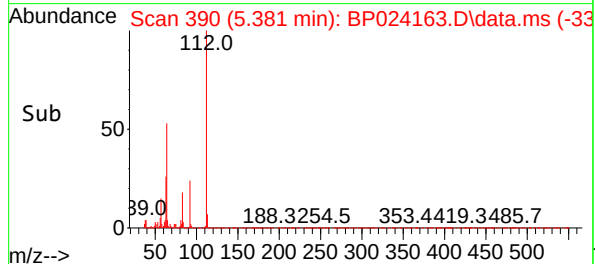
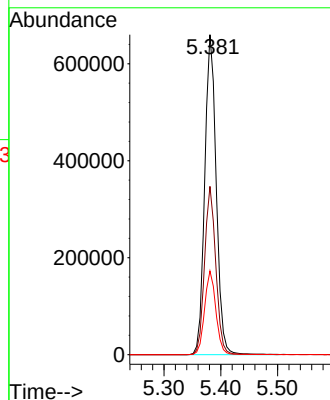
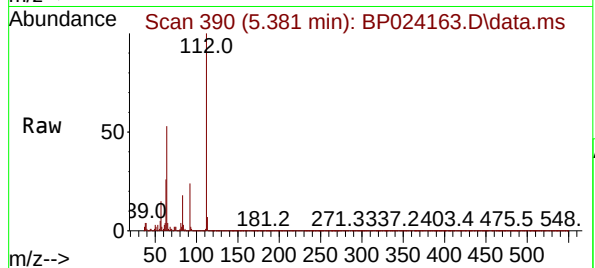




#5
2-Fluorophenol
Concen: 40.796 ng
RT: 5.381 min Scan# 390
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

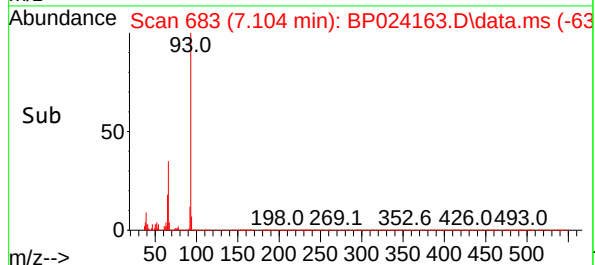
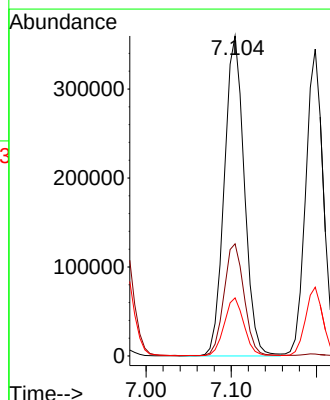
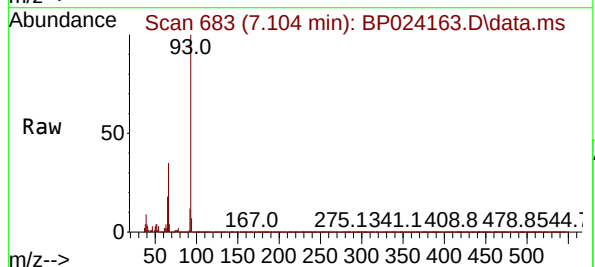
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ClientSampleId :
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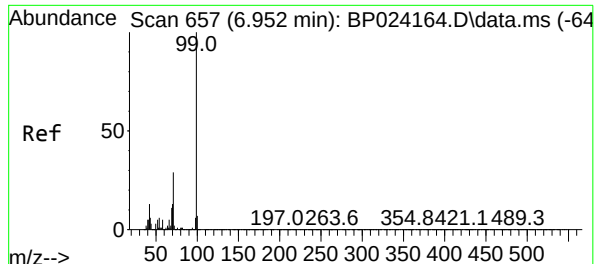
Tgt Ion:112 Resp: 924270
Ion Ratio Lower Upper
112 100
64 52.6 41.3 61.9
63 26.2 20.6 31.0



#6
Aniline
Concen: 21.953 ng
RT: 7.104 min Scan# 683
Delta R.T. -0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion: 93 Resp: 585428
Ion Ratio Lower Upper
93 100
66 35.0 28.2 42.2
65 18.1 14.0 21.0

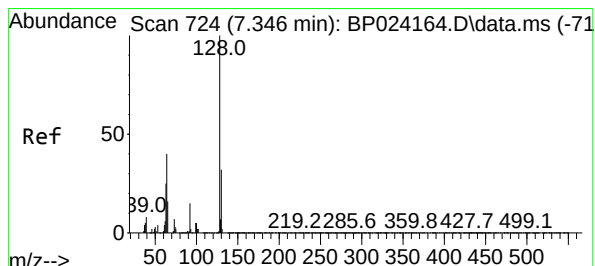
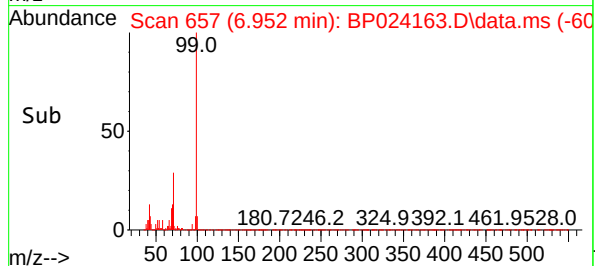
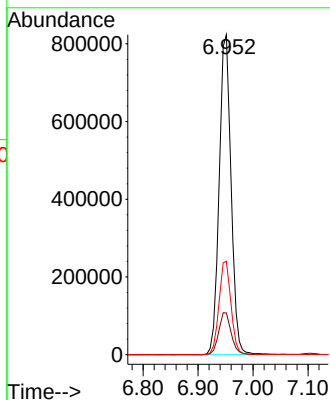
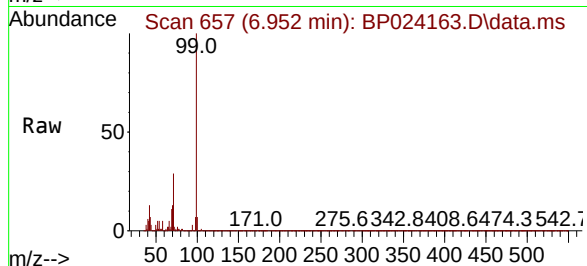




#7
Phenol-d6
Concen: 42.415 ng
RT: 6.952 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

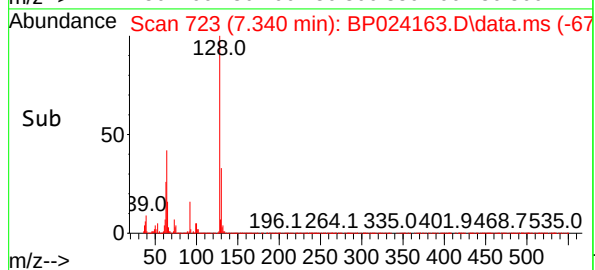
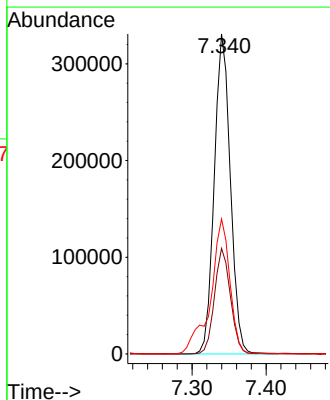
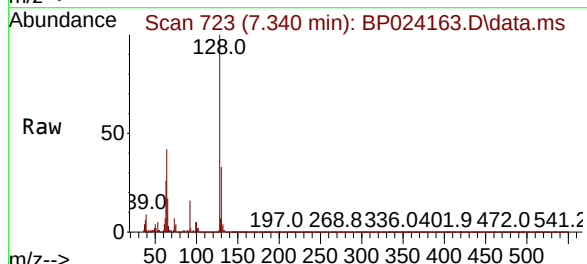
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

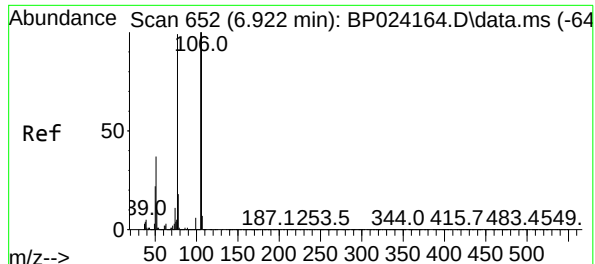
Tgt Ion: 99 Resp: 1235081
Ion Ratio Lower Upper
99 100
42 13.1 10.6 16.0
71 29.2 23.3 34.9



#8
2-Chlorophenol
Concen: 20.827 ng
RT: 7.340 min Scan# 723
Delta R.T. -0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion: 128 Resp: 499424
Ion Ratio Lower Upper
128 100
130 33.0 12.0 52.0
64 42.2 21.6 61.6

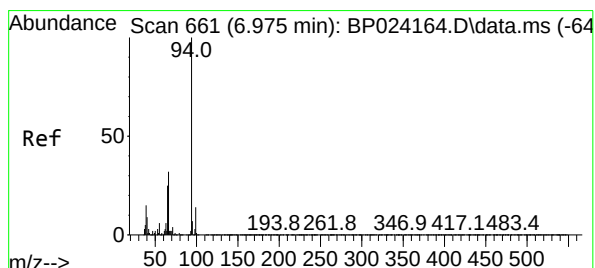
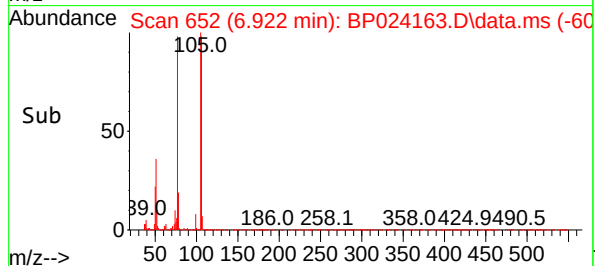
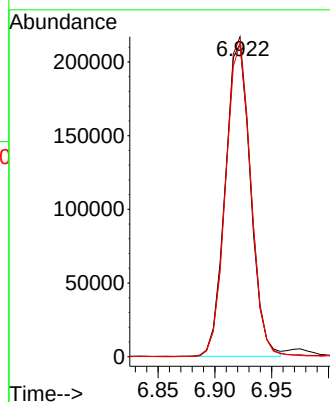
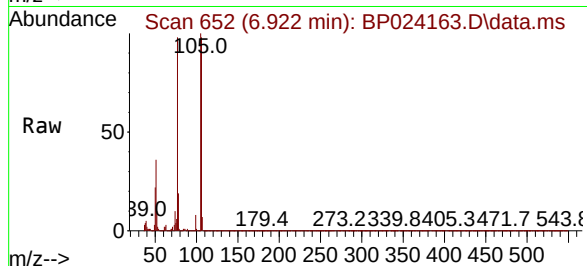




#9
Benzaldehyde
Concen: 24.728 ng
RT: 6.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

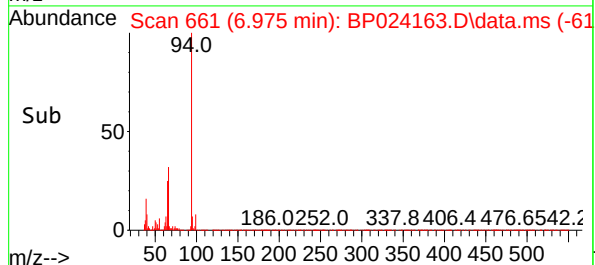
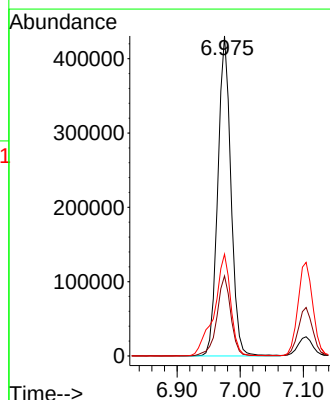
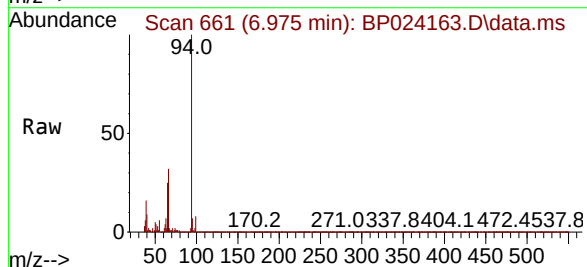
Instrument :
BNA_P
ClientSampleId :
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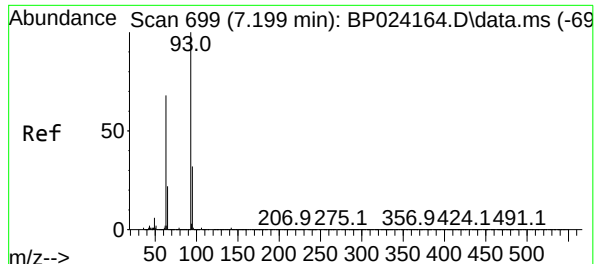
Tgt Ion: 77 Resp: 328740
Ion Ratio Lower Upper
77 100
105 102.3 81.4 121.4
106 100.0 81.1 121.1



#10
Phenol
Concen: 21.173 ng
RT: 6.975 min Scan# 661
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion: 94 Resp: 619974
Ion Ratio Lower Upper
94 100
65 25.0 4.9 44.9
66 31.8 11.9 51.9

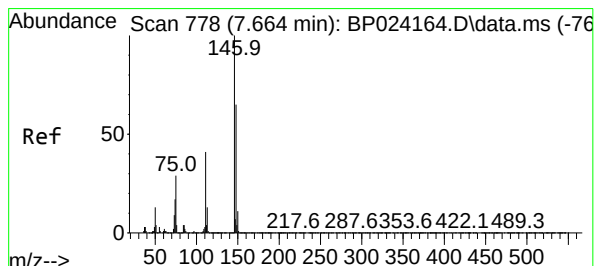
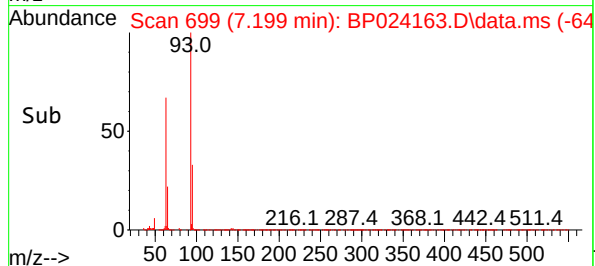
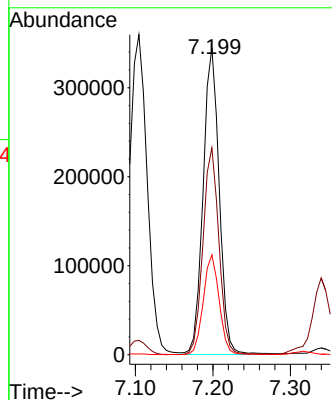
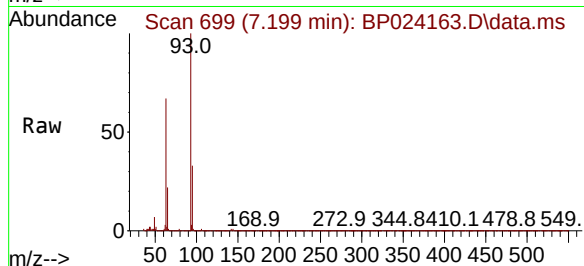




#11
bis(2-Chloroethyl)ether
Concen: 21.565 ng
RT: 7.199 min Scan# 699
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

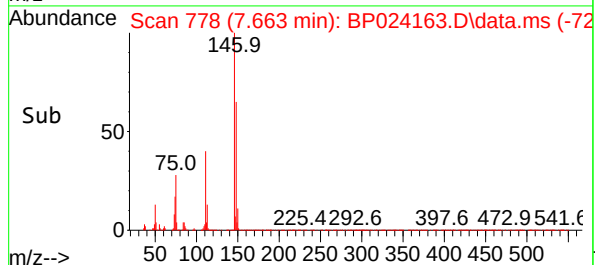
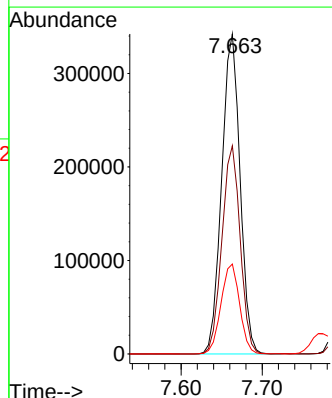
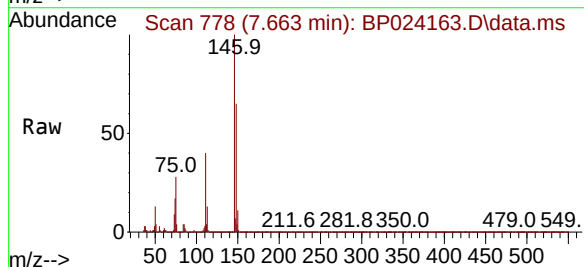
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ClientSampleId :
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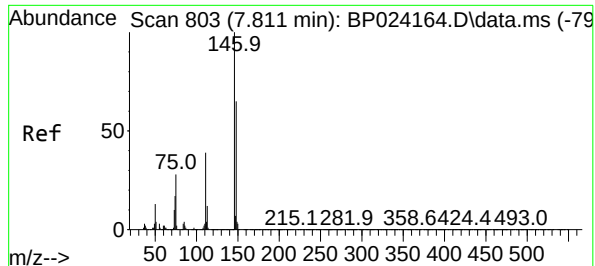
Tgt Ion: 93 Resp: 497357
Ion Ratio Lower Upper
93 100
63 67.4 47.4 87.4
95 32.6 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 20.418 ng
RT: 7.663 min Scan# 778
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion: 146 Resp: 537900
Ion Ratio Lower Upper
146 100
148 65.0 51.6 77.4
75 28.1 22.8 34.2





#13

1,4-Dichlorobenzene

Concen: 20.733 ng

RT: 7.804 min Scan# 803

Delta R.T. -0.006 min

Lab File: BP024163.D

Acq: 12 Mar 2025 18:19

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

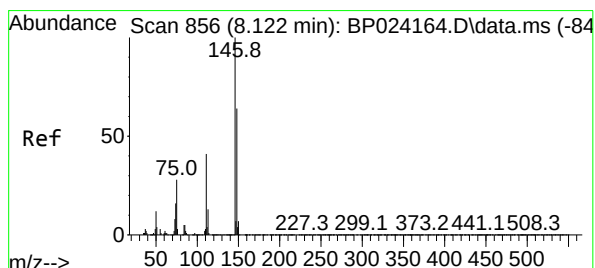
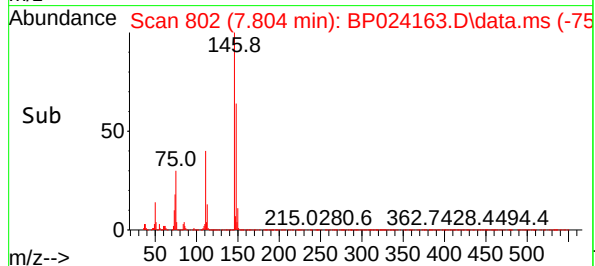
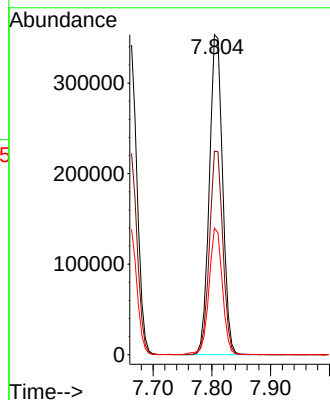
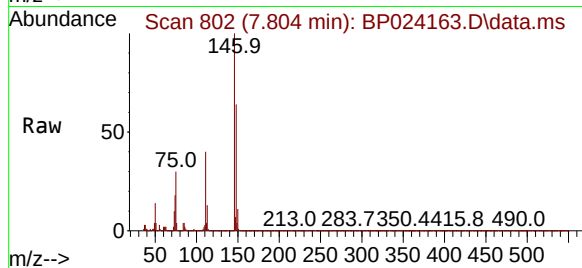
Tgt Ion:146 Resp: 552358

Ion Ratio Lower Upper

146 100

148 63.6 51.9 77.9

111 39.5 31.4 47.2



#14

1,2-Dichlorobenzene

Concen: 20.654 ng

RT: 8.122 min Scan# 856

Delta R.T. -0.000 min

Lab File: BP024163.D

Acq: 12 Mar 2025 18:19

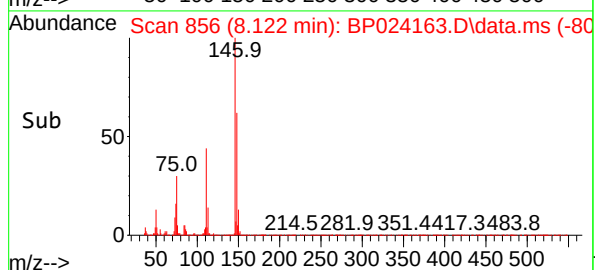
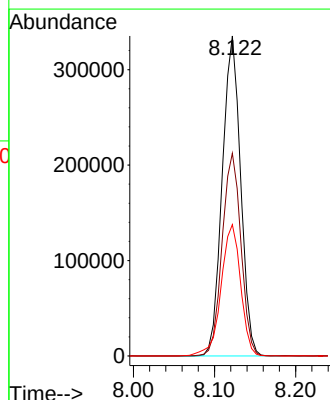
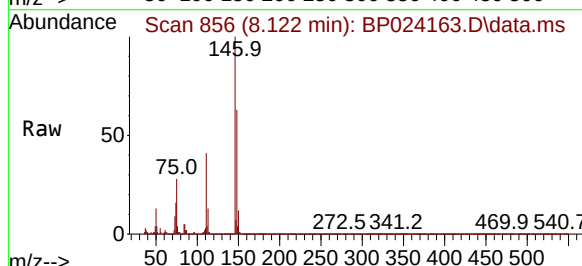
Tgt Ion:146 Resp: 528080

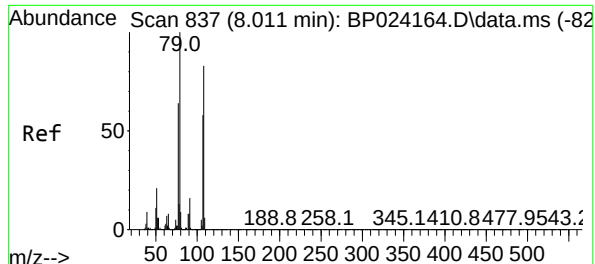
Ion Ratio Lower Upper

146 100

148 63.4 51.4 77.2

111 41.0 33.2 49.8

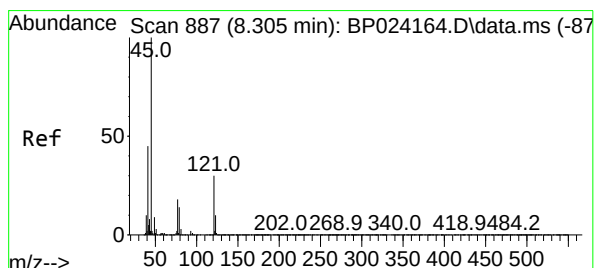
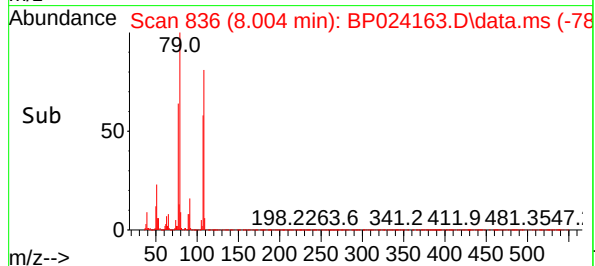
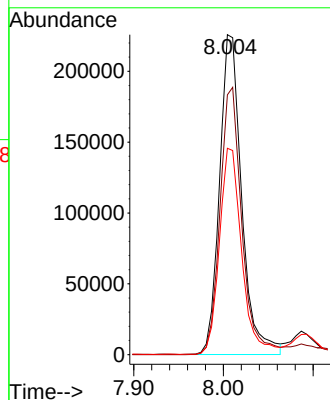
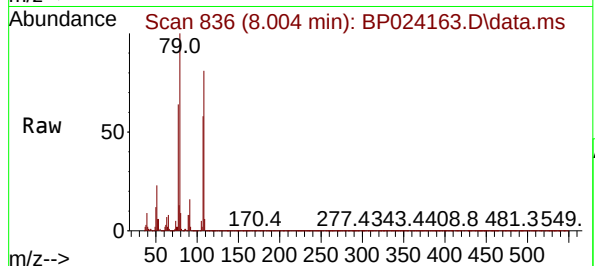




#15
Benzyl Alcohol
Concen: 21.735 ng
RT: 8.004 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

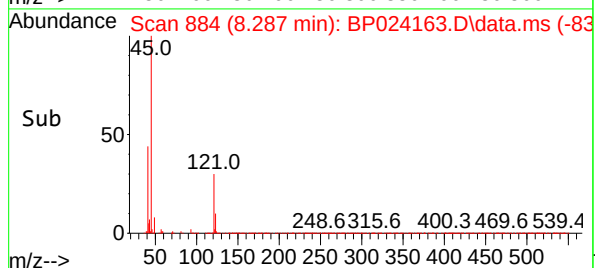
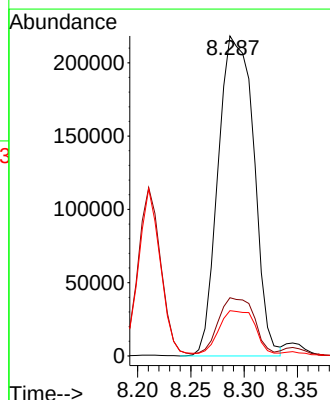
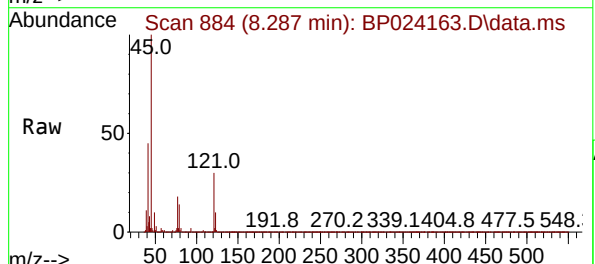
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

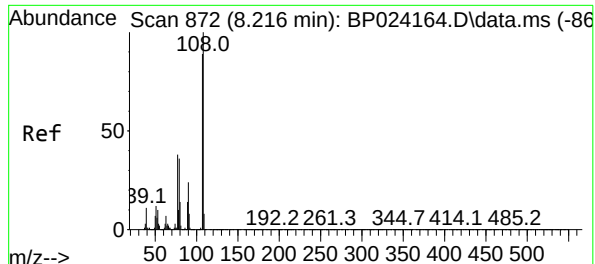
Tgt Ion: 79 Resp: 387410
Ion Ratio Lower Upper
79 100
108 81.2 66.5 99.7
77 64.5 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 22.636 ng
RT: 8.287 min Scan# 884
Delta R.T. -0.018 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion: 45 Resp: 506774
Ion Ratio Lower Upper
45 100
77 18.2 0.0 39.0
79 14.1 0.0 35.6





#17

2-Methylphenol

Concen: 22.190 ng

RT: 8.210 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP024163.D

Acq: 12 Mar 2025 18:19

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:107 Resp: 395947

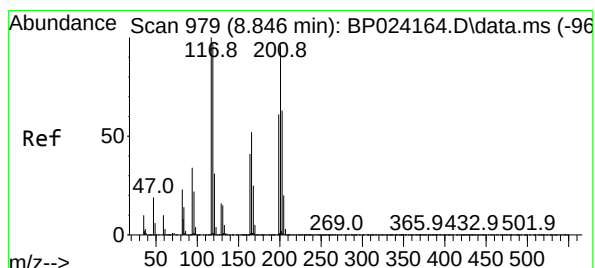
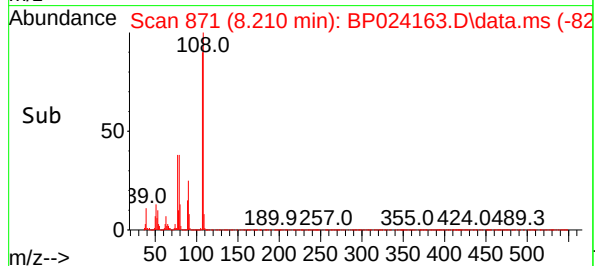
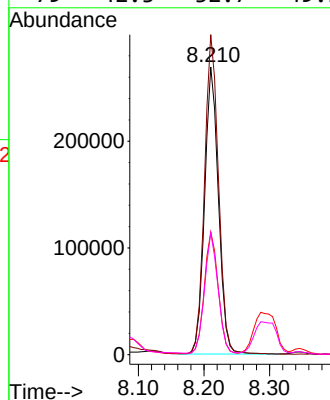
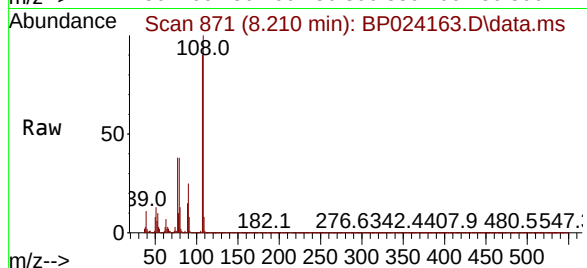
Ion Ratio Lower Upper

107 100

108 111.2 90.0 135.0

77 42.6 34.0 51.0

79 42.3 32.7 49.1



#18

Hexachloroethane

Concen: 20.172 ng

RT: 8.846 min Scan# 979

Delta R.T. -0.000 min

Lab File: BP024163.D

Acq: 12 Mar 2025 18:19

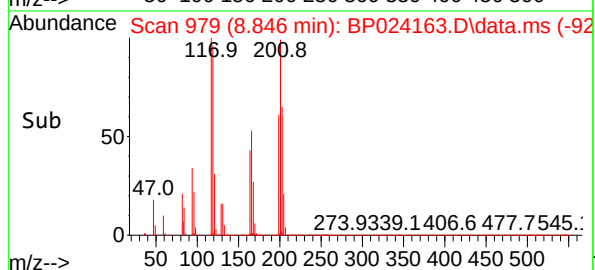
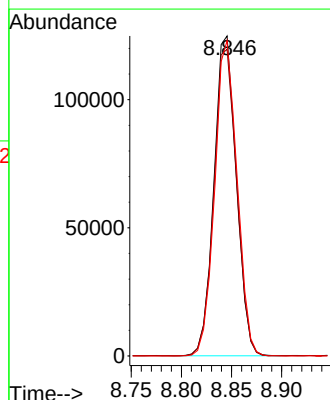
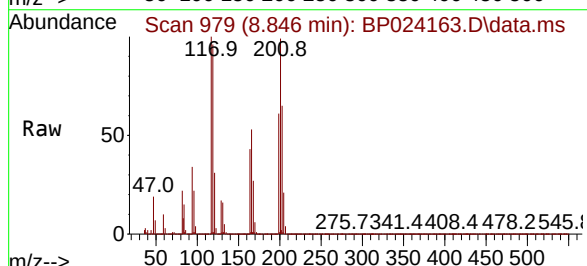
Tgt Ion:117 Resp: 193543

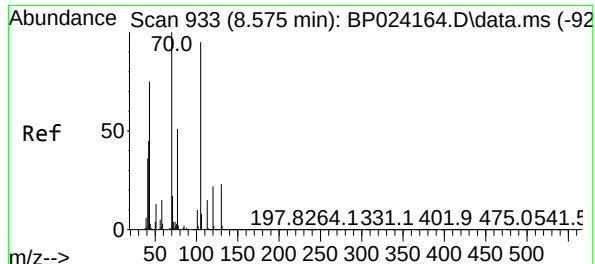
Ion Ratio Lower Upper

117 100

119 95.9 77.4 116.0

201 98.5 76.6 114.8





#19

n-Nitroso-di-n-propylamine

Concen: 23.663 ng

RT: 8.569 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP024163.D

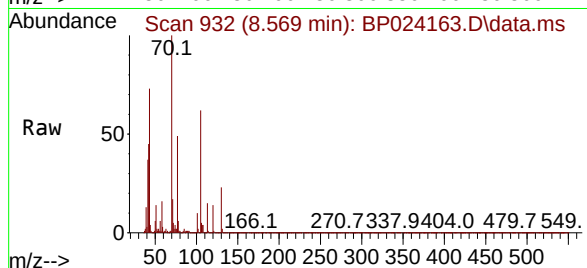
Acq: 12 Mar 2025 18:19

Instrument :

BNA_P

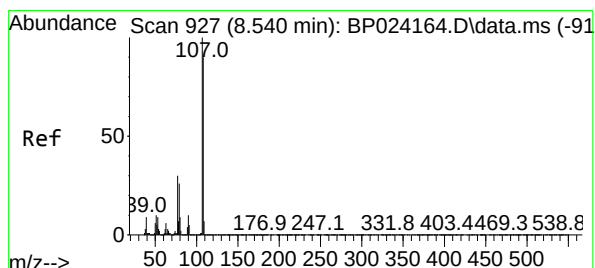
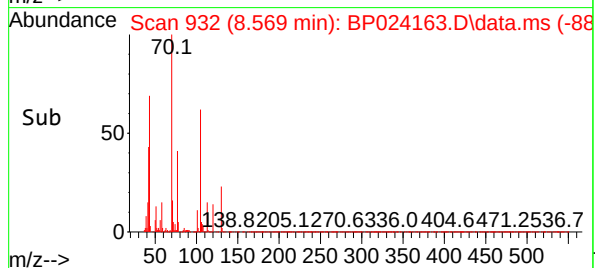
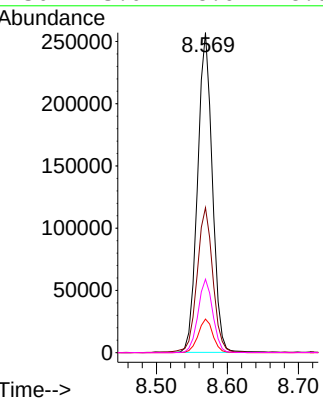
ClientSampleId :

SSTDICC020



Tgt Ion: 70 Resp: 370486

Ion	Ratio	Lower	Upper
70	100		
42	45.3	36.0	54.0
101	10.5	8.3	12.5
130	23.0	18.6	28.0



#20

3+4-Methylphenols

Concen: 22.289 ng

RT: 8.534 min Scan# 926

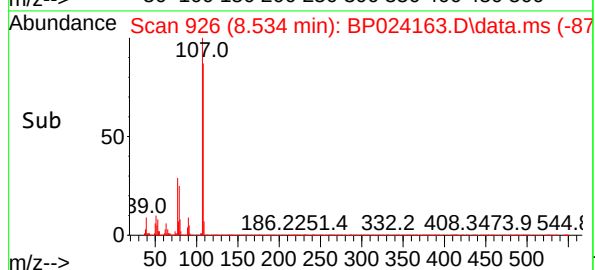
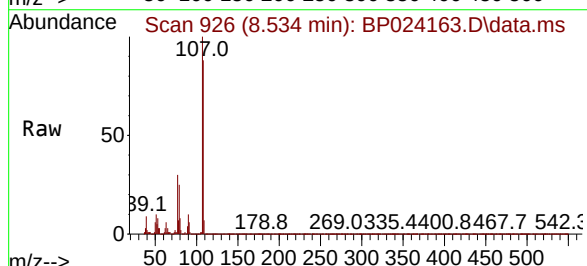
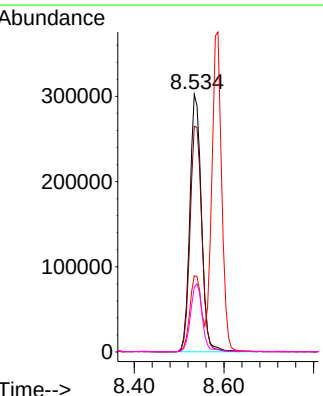
Delta R.T. -0.006 min

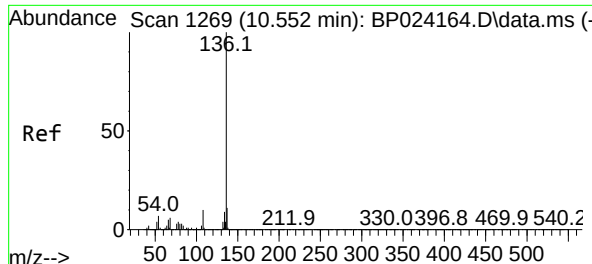
Lab File: BP024163.D

Acq: 12 Mar 2025 18:19

Tgt Ion: 107 Resp: 541047

Ion	Ratio	Lower	Upper
107	100		
108	87.6	69.7	109.7
77	29.6	10.3	50.3
79	25.3	6.1	46.1

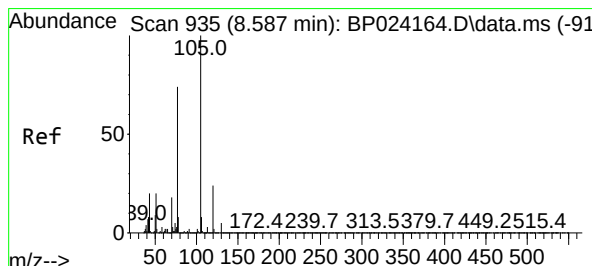
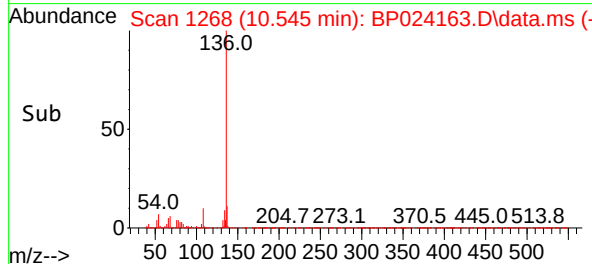
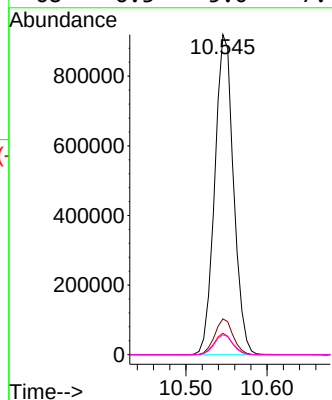
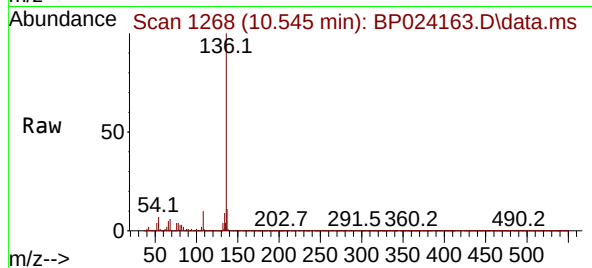




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.545 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

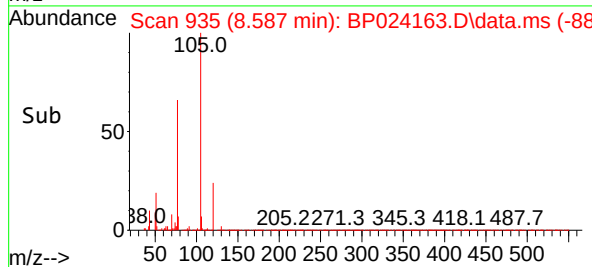
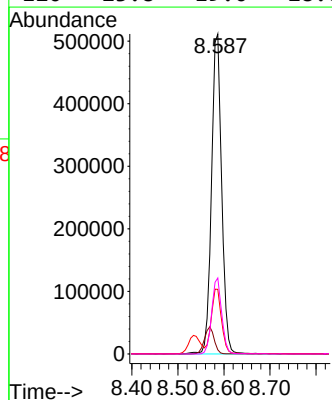
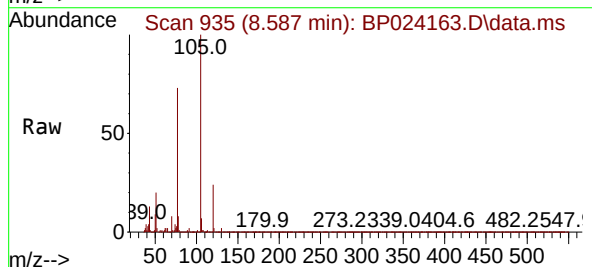
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

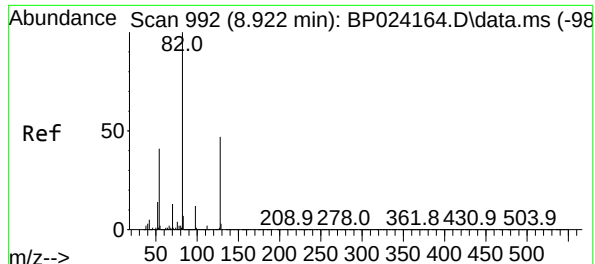
Tgt Ion:136 Resp: 1479701
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 6.7 5.3 7.9
68 6.3 5.0 7.4



#22
Acetophenone
Concen: 20.677 ng
RT: 8.587 min Scan# 935
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion:105 Resp: 786239
Ion Ratio Lower Upper
105 100
71 1.3 2.4 3.6#
51 20.2 16.2 24.2
120 23.8 19.0 28.6

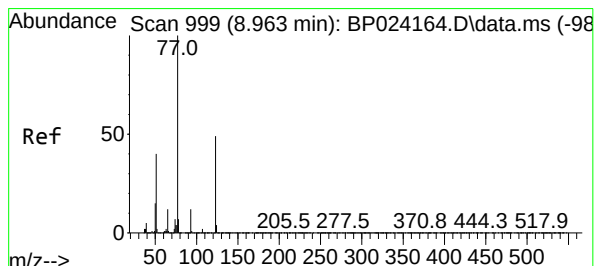
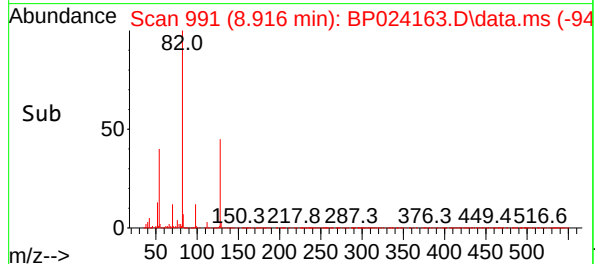
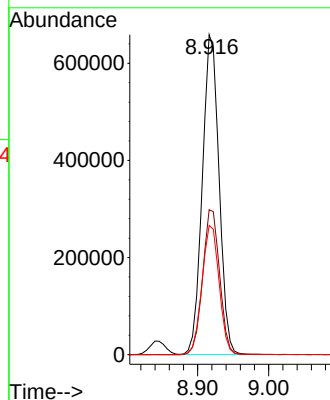
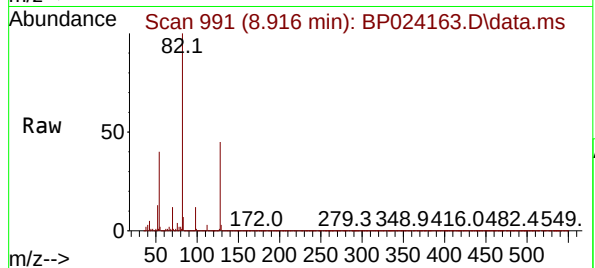




#23
Nitrobenzene-d5
Concen: 40.785 ng
RT: 8.916 min Scan# 991
Delta R.T. -0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

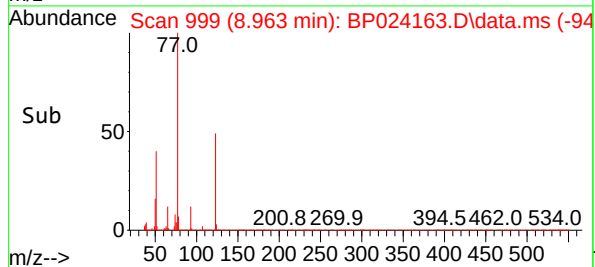
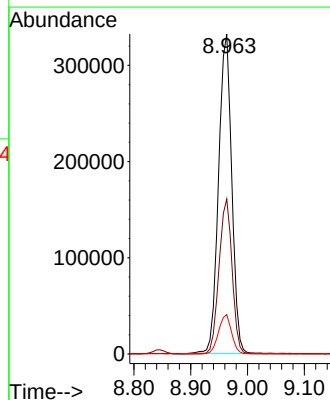
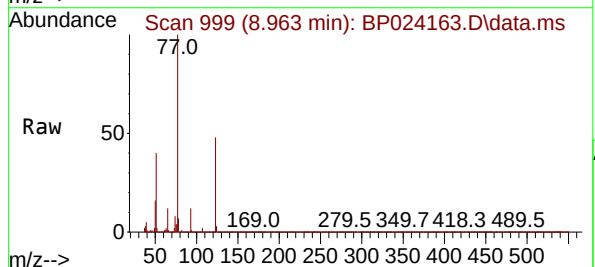
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

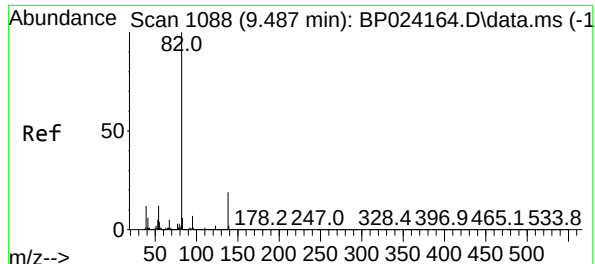
Tgt Ion: 82 Resp: 1081750
Ion Ratio Lower Upper
82 100
128 45.3 37.4 56.0
54 40.3 32.5 48.7



#24
Nitrobenzene
Concen: 20.529 ng
RT: 8.963 min Scan# 999
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion: 77 Resp: 535855
Ion Ratio Lower Upper
77 100
123 48.4 39.4 59.2
65 12.3 9.9 14.9

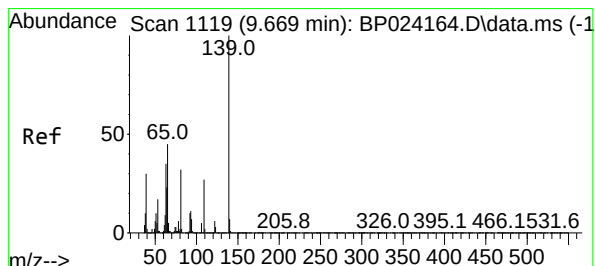
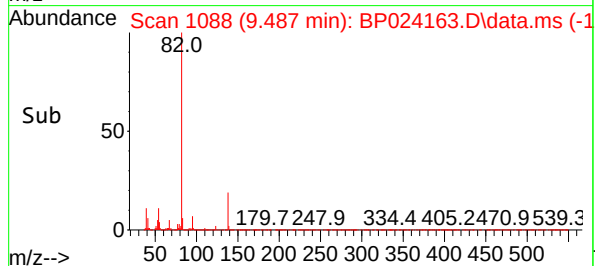
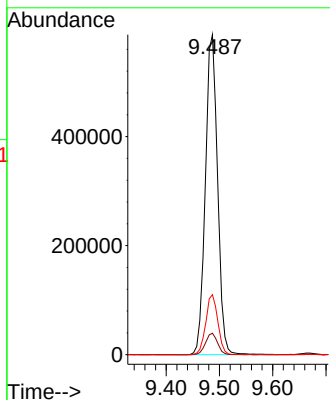
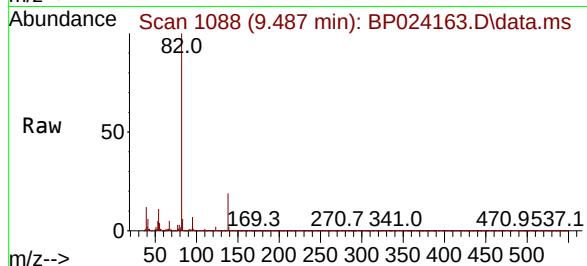




#25
Isophorone
Concen: 21.523 ng
RT: 9.487 min Scan# 1088
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

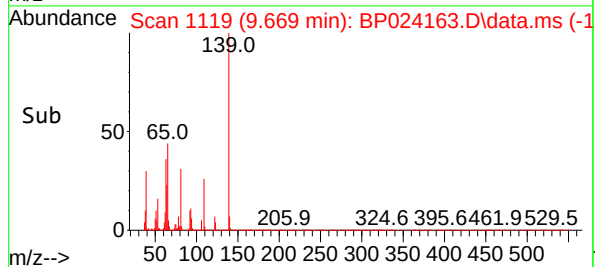
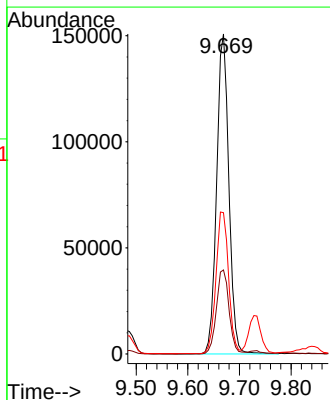
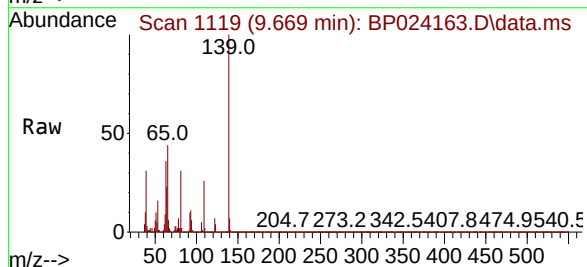
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

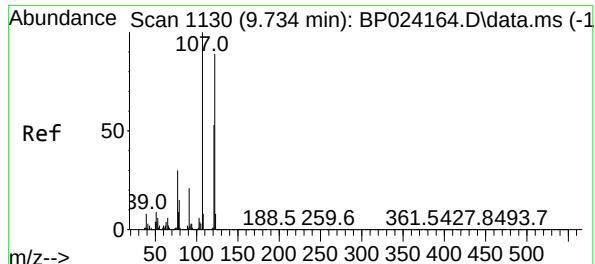
Tgt Ion: 82 Resp: 933509
Ion Ratio Lower Upper
82 100
95 6.7 5.3 7.9
138 18.8 14.8 22.2



#26
2-Nitrophenol
Concen: 20.534 ng
RT: 9.669 min Scan# 1119
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion: 139 Resp: 246943
Ion Ratio Lower Upper
139 100
109 26.2 21.7 32.5
65 44.2 35.8 53.8





#27

2,4-Dimethylphenol

Concen: 20.646 ng

RT: 9.728 min Scan# 1129

Delta R.T. -0.006 min

Lab File: BP024163.D

Acq: 12 Mar 2025 18:19

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

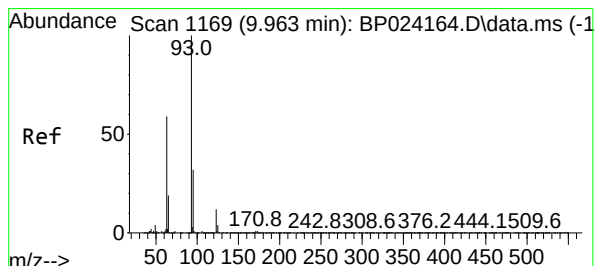
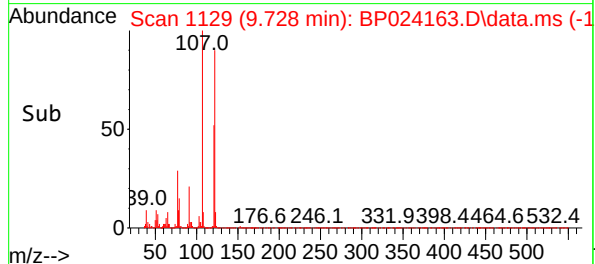
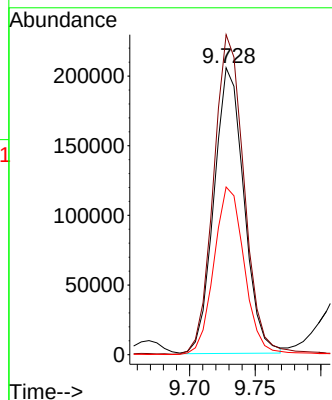
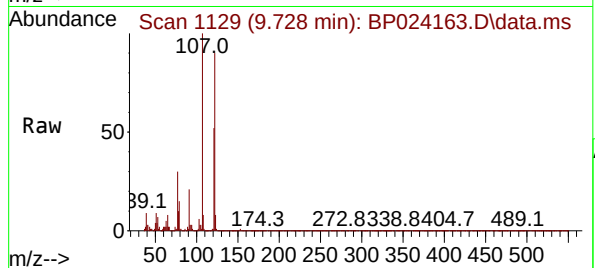
Tgt Ion:122 Resp: 325916

Ion Ratio Lower Upper

122 100

107 111.6 89.3 133.9

121 58.5 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 20.649 ng

RT: 9.957 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BP024163.D

Acq: 12 Mar 2025 18:19

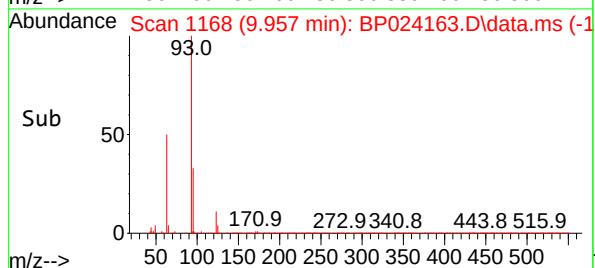
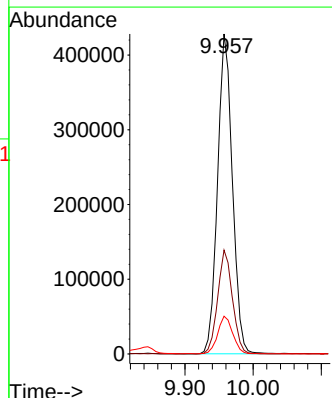
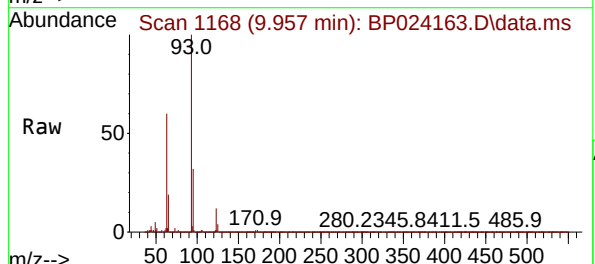
Tgt Ion: 93 Resp: 648792

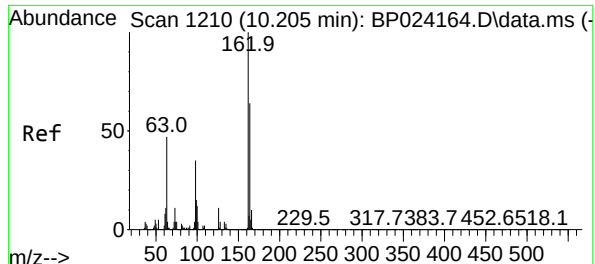
Ion Ratio Lower Upper

93 100

95 32.4 25.9 38.9

123 11.8 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 20.457 ng

RT: 10.204 min Scan# 1210

Delta R.T. -0.000 min

Lab File: BP024163.D

Acq: 12 Mar 2025 18:19

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

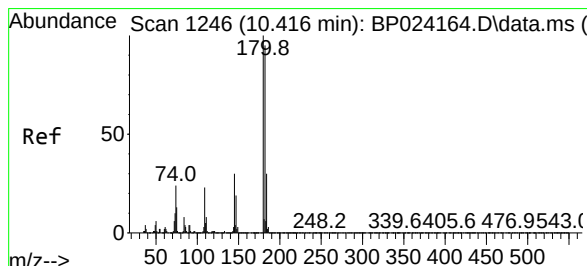
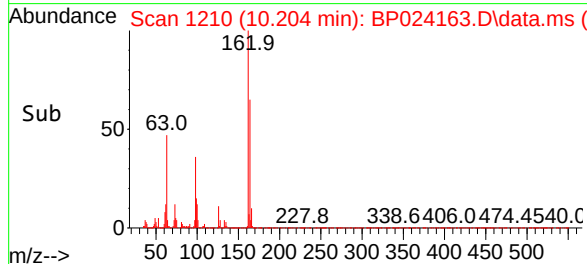
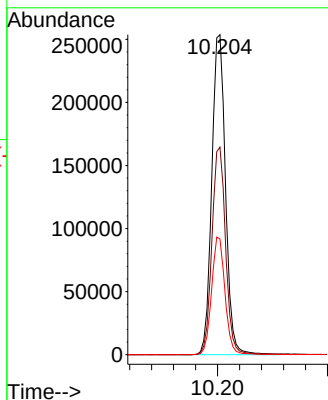
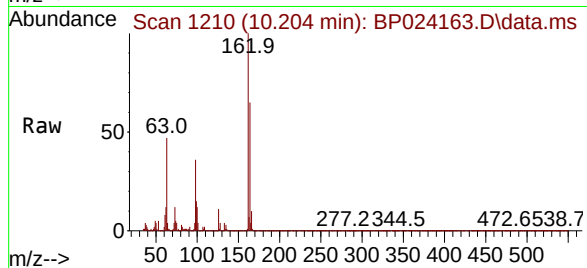
Tgt Ion:162 Resp: 440705

Ion Ratio Lower Upper

162 100

164 64.9 44.2 84.2

98 36.2 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 19.702 ng

RT: 10.416 min Scan# 1246

Delta R.T. -0.000 min

Lab File: BP024163.D

Acq: 12 Mar 2025 18:19

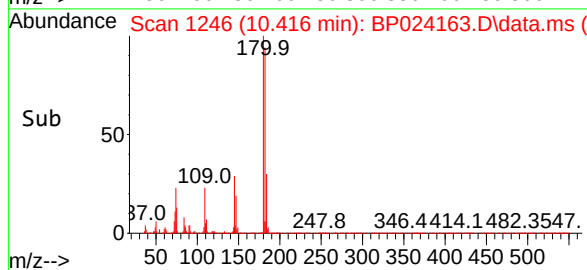
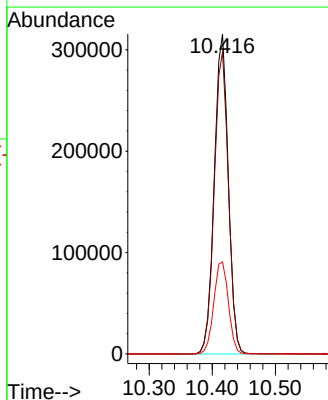
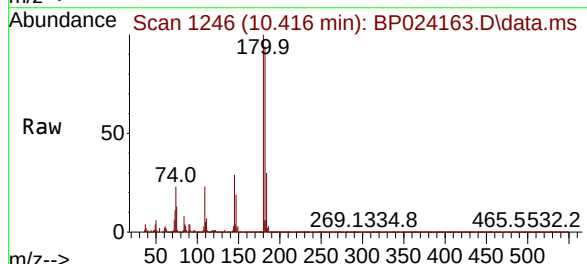
Tgt Ion:180 Resp: 486293

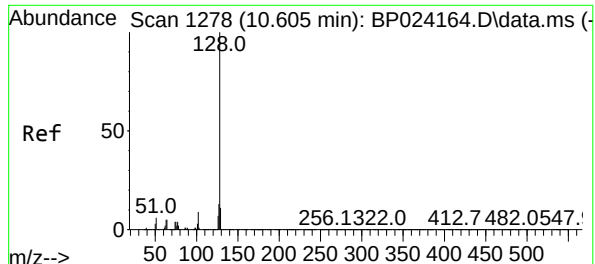
Ion Ratio Lower Upper

180 100

182 94.3 76.1 114.1

145 28.7 24.2 36.2

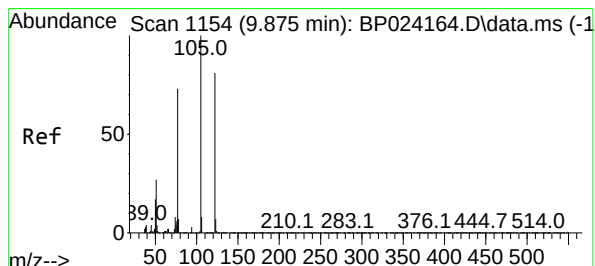
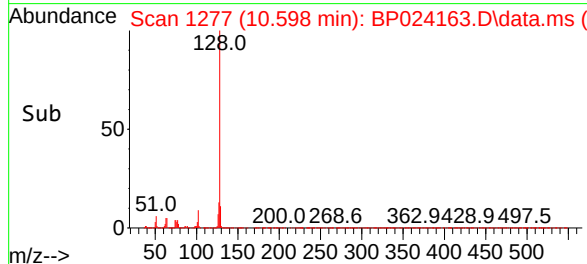
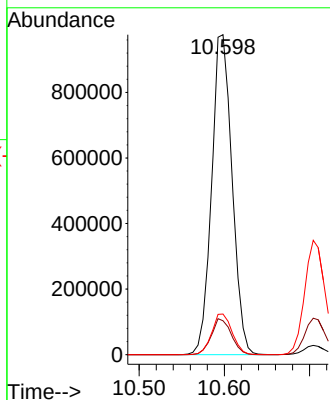
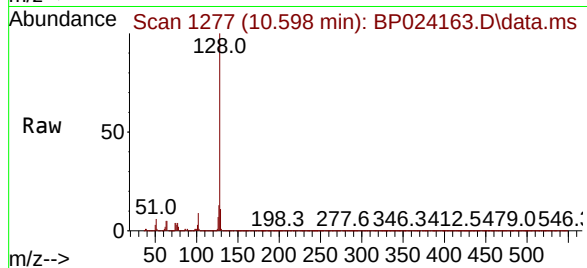




#31
Naphthalene
Concen: 20.436 ng
RT: 10.598 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

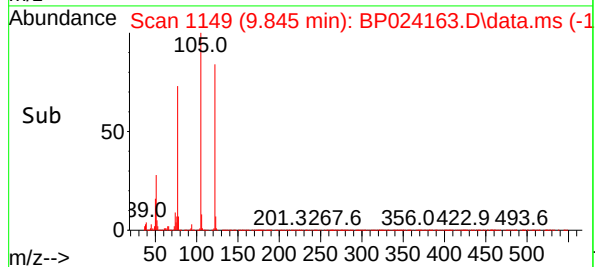
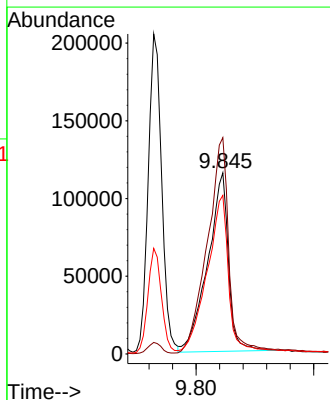
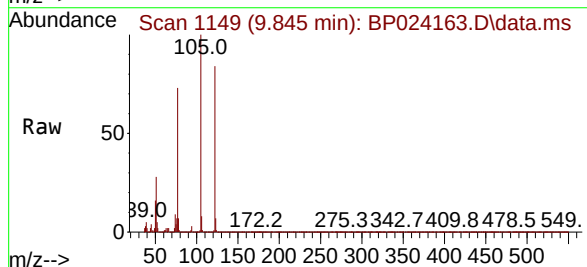
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

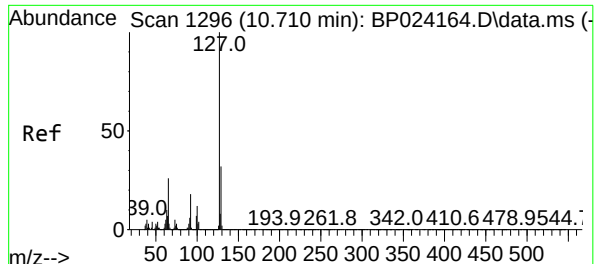
Tgt Ion:128 Resp: 1625925
Ion Ratio Lower Upper
128 100
129 10.6 8.7 13.1
127 12.7 10.4 15.6



#32
Benzoic acid
Concen: 19.396 ng
RT: 9.845 min Scan# 1149
Delta R.T. -0.030 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion:122 Resp: 280702
Ion Ratio Lower Upper
122 100
105 119.4 100.3 140.3
77 87.5 69.1 109.1

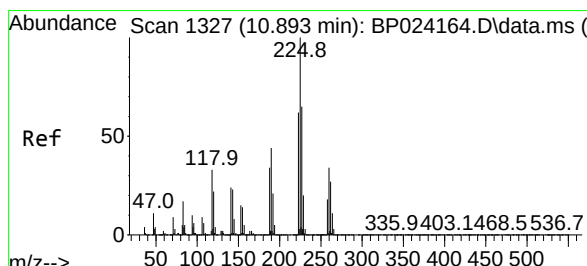
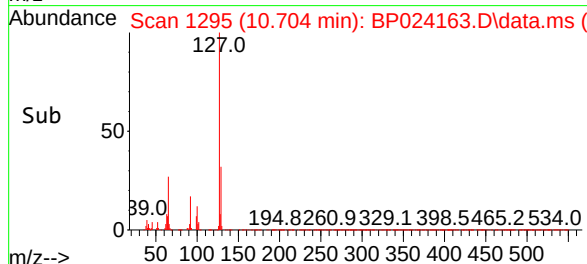
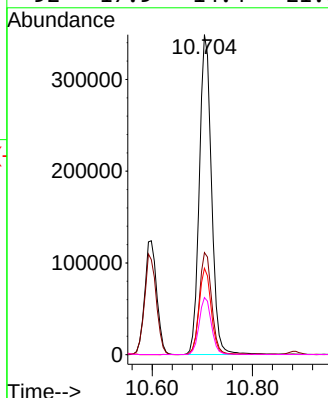
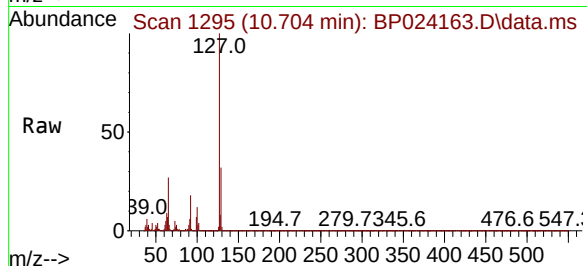




#33
4-Chloroaniline
Concen: 20.980 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

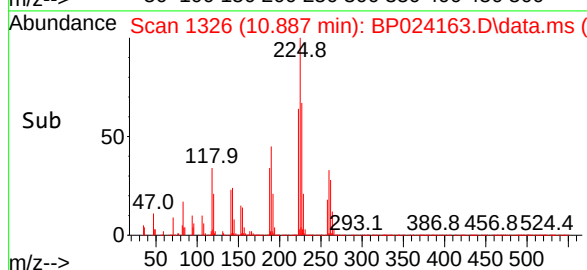
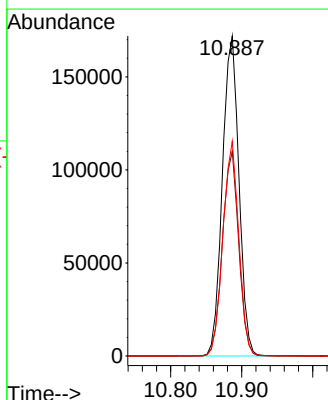
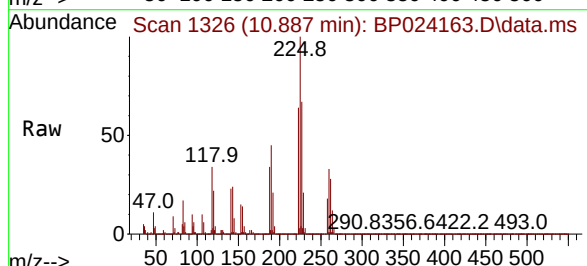
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

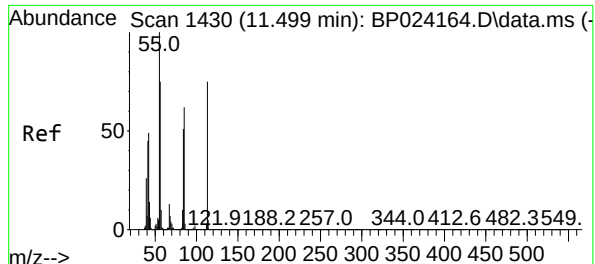
Tgt Ion:	127	Resp:	588052
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.8	38.6
65	27.0	21.2	31.8
92	17.9	14.4	21.6



#34
Hexachlorobutadiene
Concen: 19.369 ng
RT: 10.887 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion:	225	Resp:	276905
Ion	Ratio	Lower	Upper
225	100		
223	63.9	49.9	74.9
227	67.1	52.2	78.2

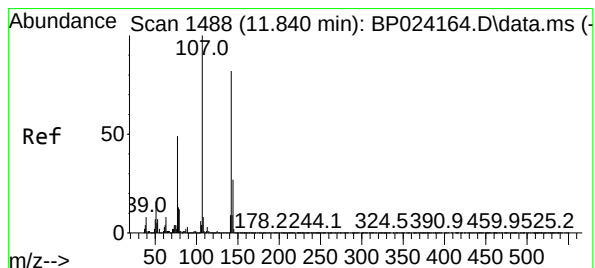
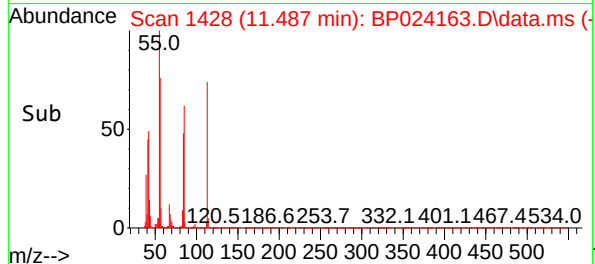
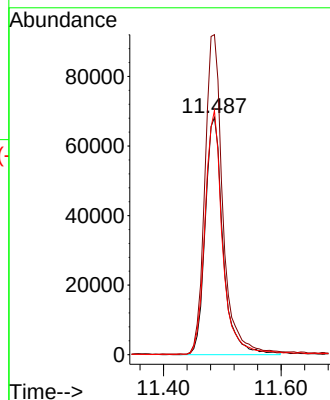
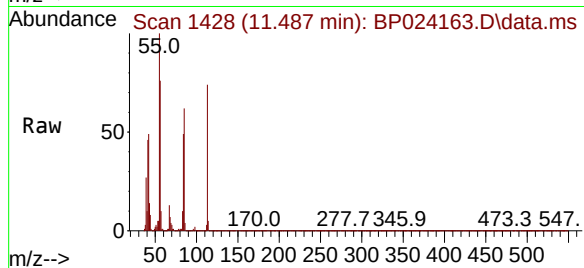




#35
Caprolactam
Concen: 21.924 ng
RT: 11.487 min Scan# 1430
Delta R.T. -0.012 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

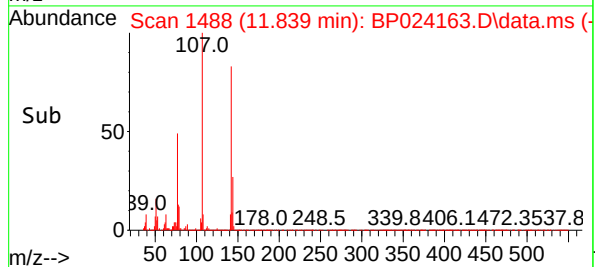
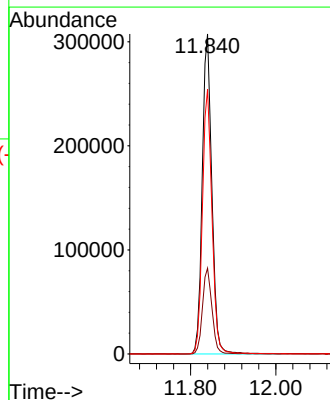
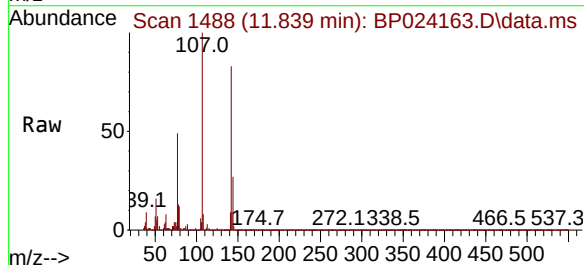
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

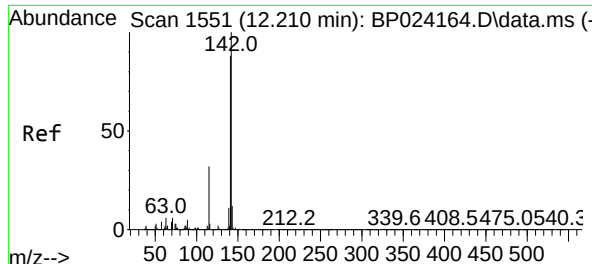
Tgt Ion	Ratio	Lower	Upper
113	100		
55	134.9	113.6	153.6
56	102.9	80.0	120.0



#36
4-Chloro-3-methylphenol
Concen: 21.674 ng
RT: 11.839 min Scan# 1488
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.8	21.6	32.4
142	82.7	65.4	98.0

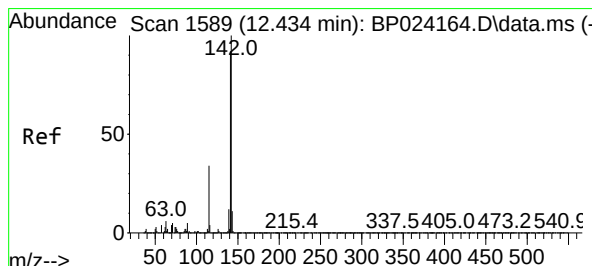
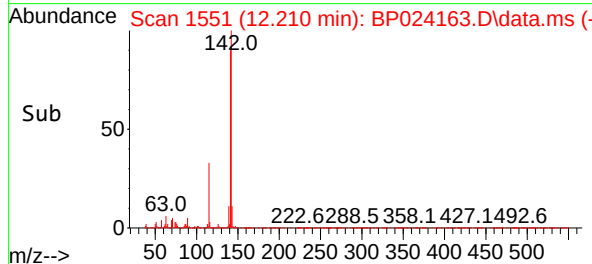
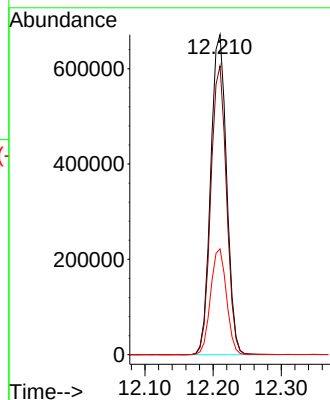
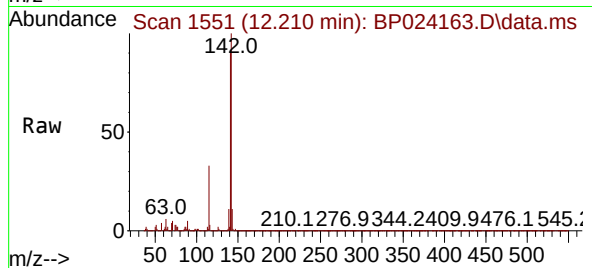




#37
2-Methylnaphthalene
Concen: 20.630 ng
RT: 12.210 min Scan# 1551
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

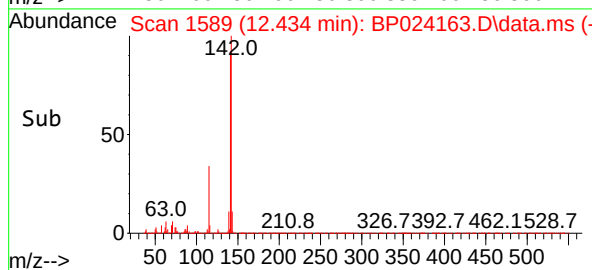
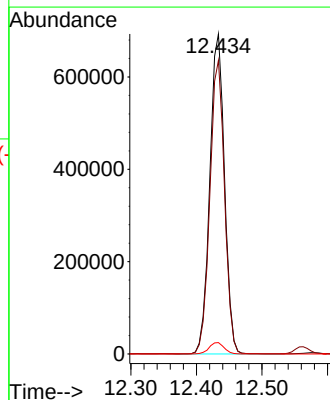
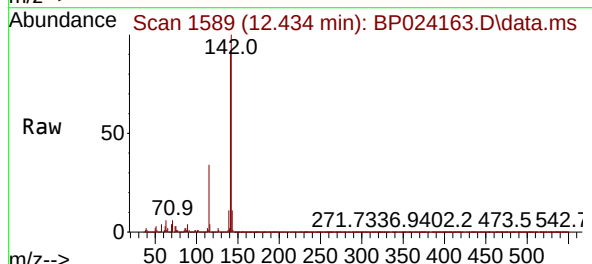
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

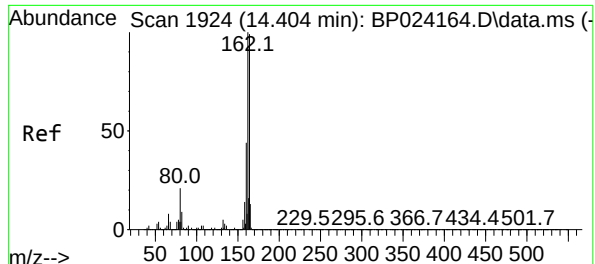
Tgt Ion:142 Resp: 1090957
Ion Ratio Lower Upper
142 100
141 90.2 70.3 105.5
115 33.1 26.0 39.0



#38
1-Methylnaphthalene
Concen: 20.936 ng
RT: 12.434 min Scan# 1589
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion:142 Resp: 1077045
Ion Ratio Lower Upper
142 100
141 91.7 73.9 110.9
116 3.6 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.398 min Scan# 1924

Delta R.T. -0.006 min

Lab File: BP024163.D

Acq: 12 Mar 2025 18:19

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

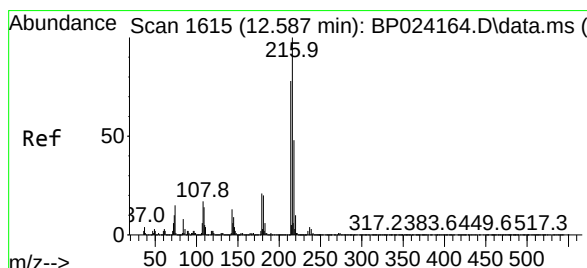
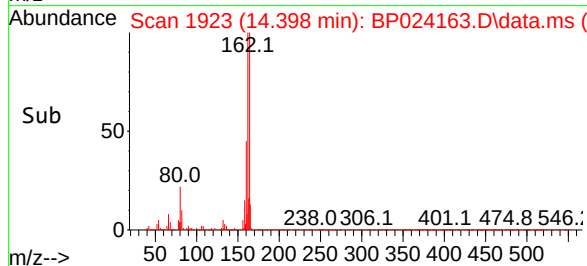
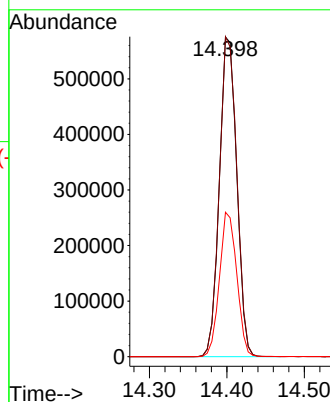
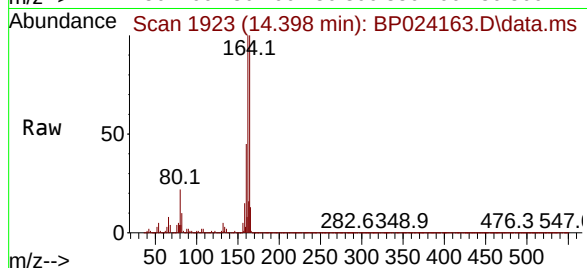
Tgt Ion:164 Resp: 895871

Ion Ratio Lower Upper

164 100

162 100.1 80.6 121.0

160 45.2 35.4 53.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 19.394 ng

RT: 12.581 min Scan# 1614

Delta R.T. -0.006 min

Lab File: BP024163.D

Acq: 12 Mar 2025 18:19

Tgt Ion:216 Resp: 533843

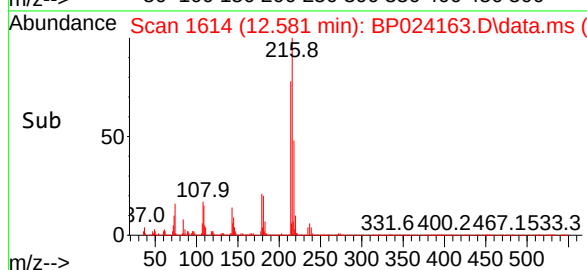
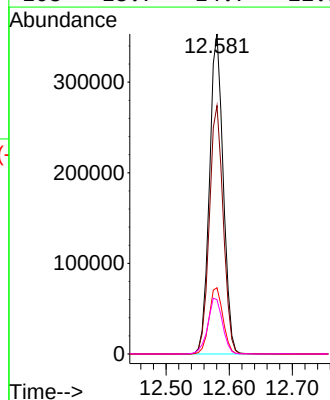
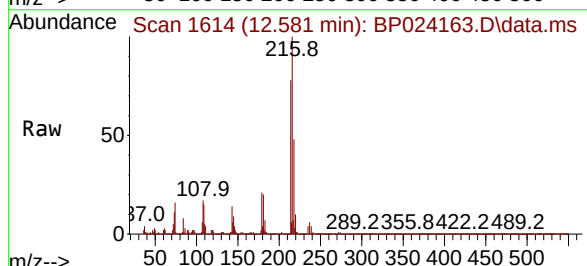
Ion Ratio Lower Upper

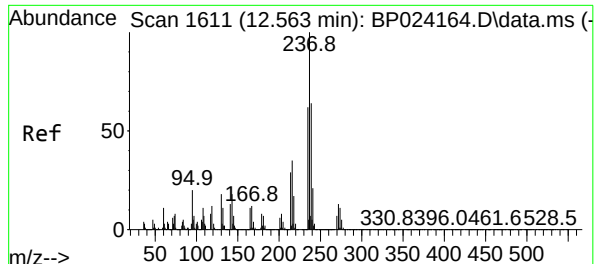
216 100

214 78.2 62.8 94.2

179 21.0 16.8 25.2

108 18.7 14.7 22.1

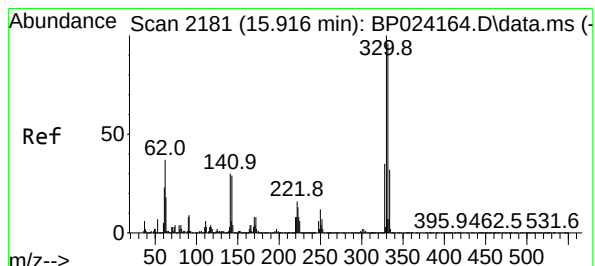
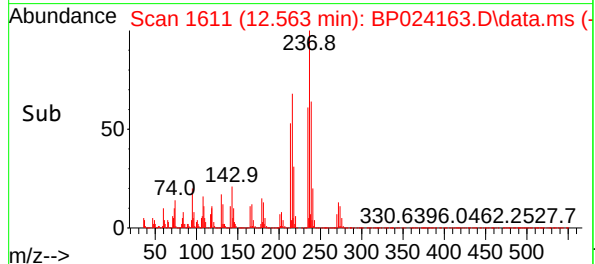
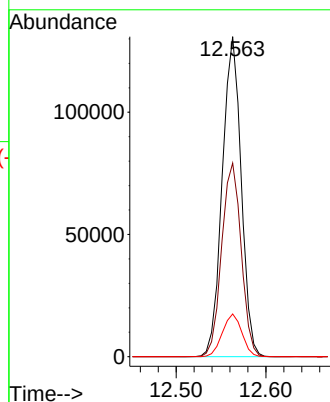
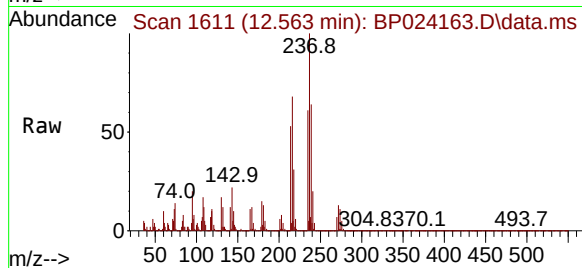




#41
Hexachlorocyclopentadiene
Concen: 18.697 ng
RT: 12.563 min Scan# 1611
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

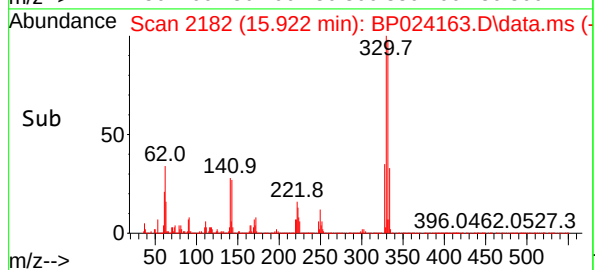
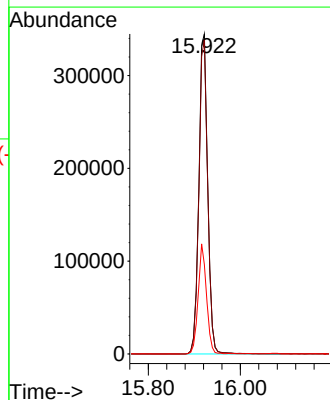
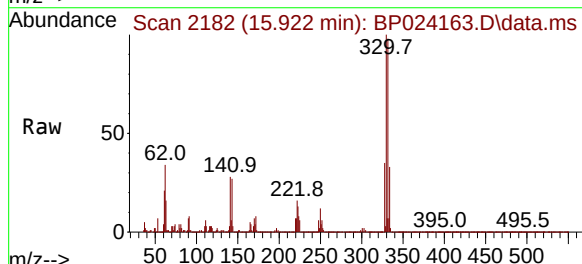
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

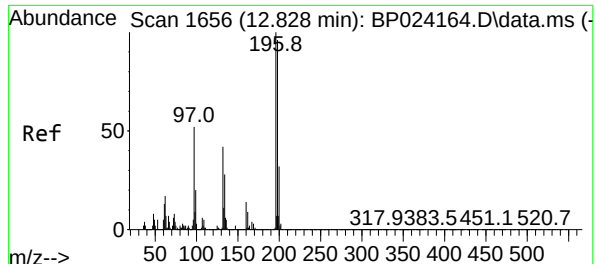
Tgt Ion	Ratio	Lower	Upper
237	100		
235	60.5	41.8	81.8
272	13.3	0.0	33.5



#42
2,4,6-Tribromophenol
Concen: 41.861 ng
RT: 15.922 min Scan# 2182
Delta R.T. 0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.6	116.4
141	32.3	25.0	37.6





#43

2,4,6-Trichlorophenol

Concen: 20.216 ng

RT: 12.822 min Scan# 1655

Delta R.T. -0.006 min

Lab File: BP024163.D

Acq: 12 Mar 2025 18:19

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

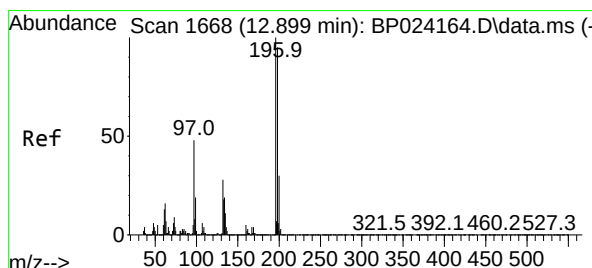
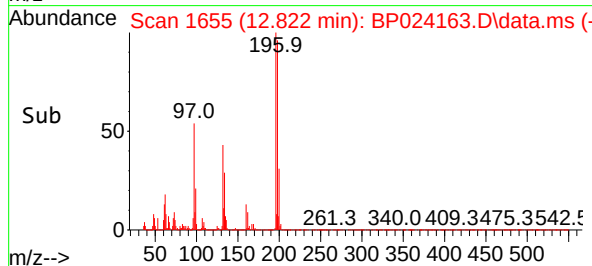
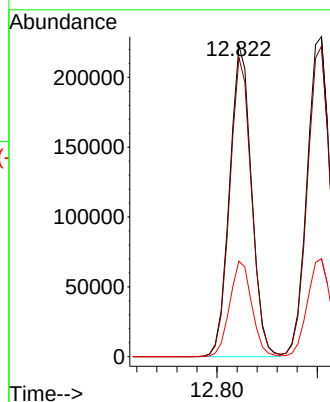
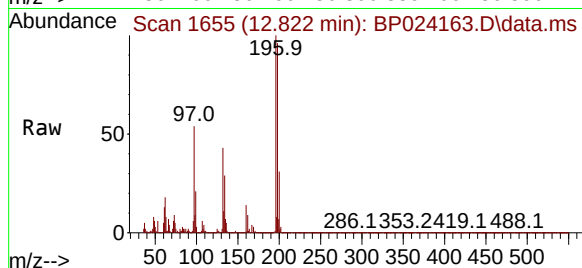
Tgt Ion:196 Resp: 339357

Ion Ratio Lower Upper

196 100

198 96.1 76.6 115.0

200 30.7 25.4 38.0



#44

2,4,5-Trichlorophenol

Concen: 20.184 ng

RT: 12.904 min Scan# 1669

Delta R.T. 0.006 min

Lab File: BP024163.D

Acq: 12 Mar 2025 18:19

Tgt Ion:196 Resp: 370561

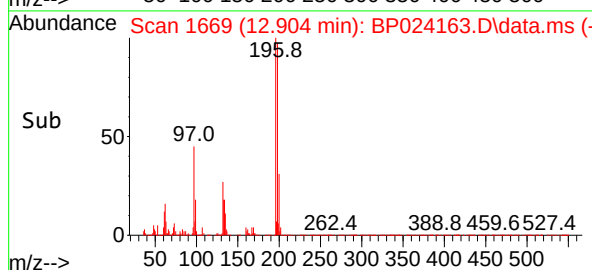
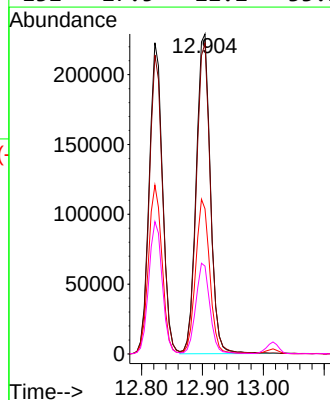
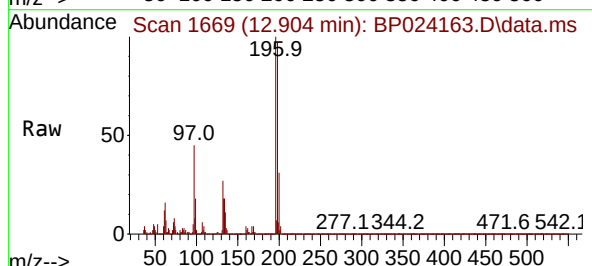
Ion Ratio Lower Upper

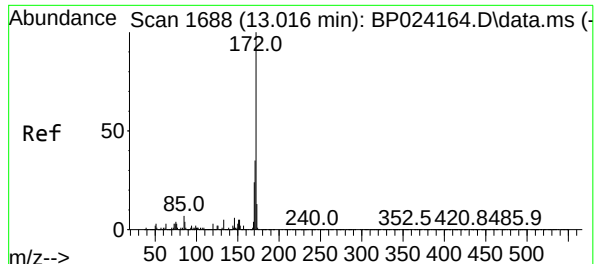
196 100

198 97.0 76.5 114.7

97 45.4 38.7 58.1

132 27.5 22.2 33.2

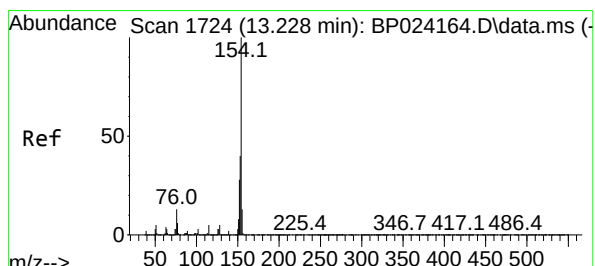
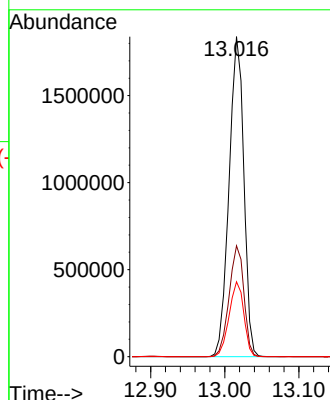
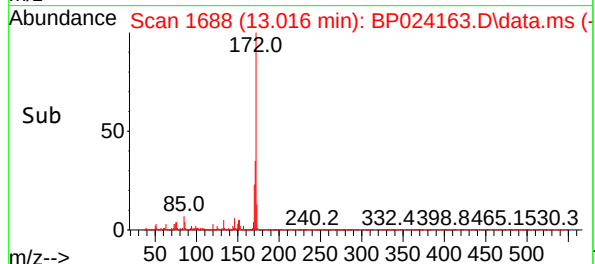
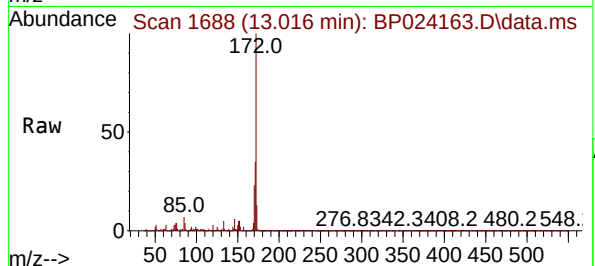




#45
2-Fluorobiphenyl
Concen: 39.695 ng
RT: 13.016 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

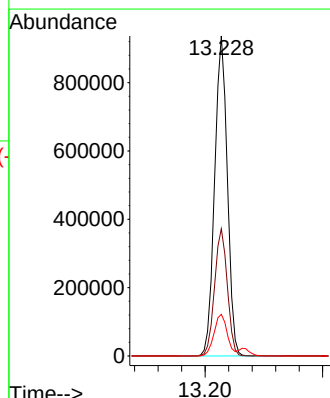
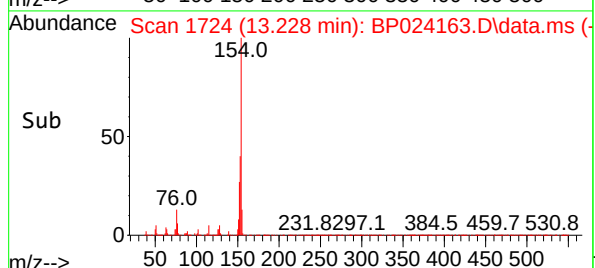
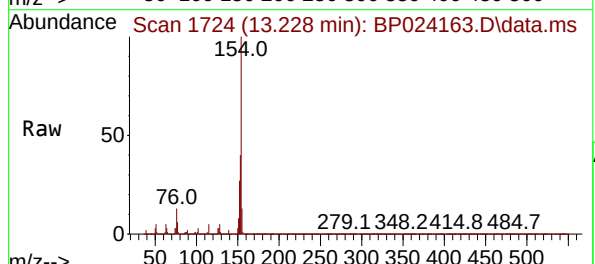
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

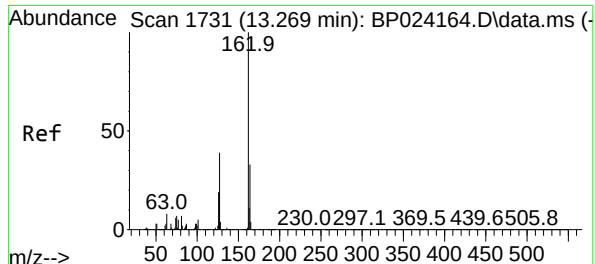
Tgt Ion:172 Resp: 2543735
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 23.4 19.0 28.4



#46
1,1'-Biphenyl
Concen: 20.152 ng
RT: 13.228 min Scan# 1724
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion:154 Resp: 1402874
Ion Ratio Lower Upper
154 100
153 39.7 20.3 60.3
76 13.0 0.0 32.9





#47

2-Chloronaphthalene

Concen: 20.083 ng

RT: 13.269 min Scan# 1731

Delta R.T. -0.000 min

Lab File: BP024163.D

Acq: 12 Mar 2025 18:19

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

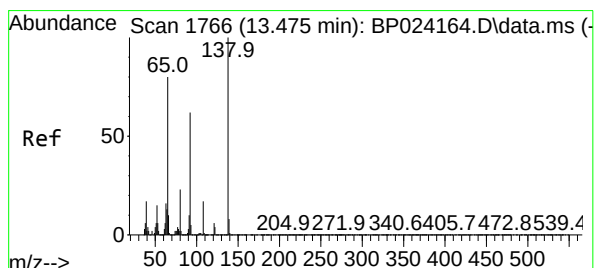
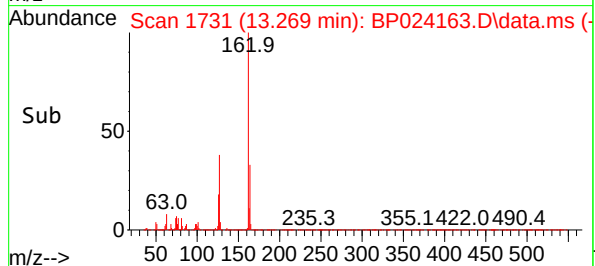
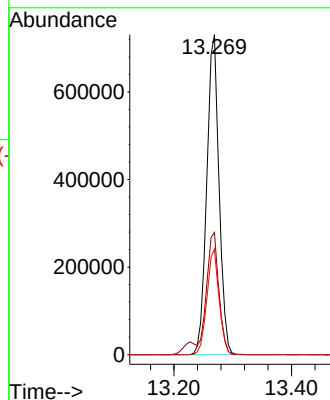
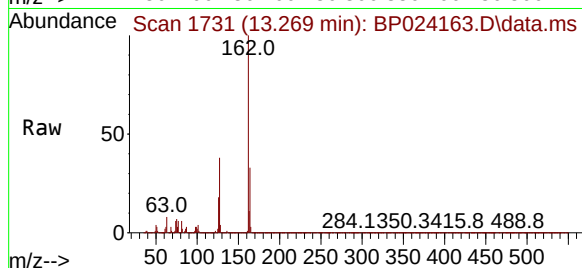
Tgt Ion:162 Resp: 1056861

Ion Ratio Lower Upper

162 100

127 38.2 31.5 47.3

164 33.0 26.6 39.8



#48

2-Nitroaniline

Concen: 21.595 ng

RT: 13.469 min Scan# 1765

Delta R.T. -0.006 min

Lab File: BP024163.D

Acq: 12 Mar 2025 18:19

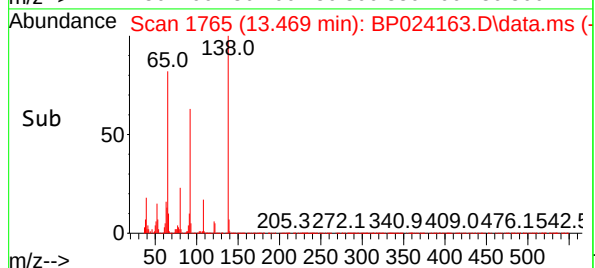
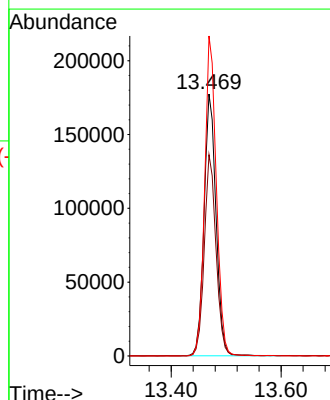
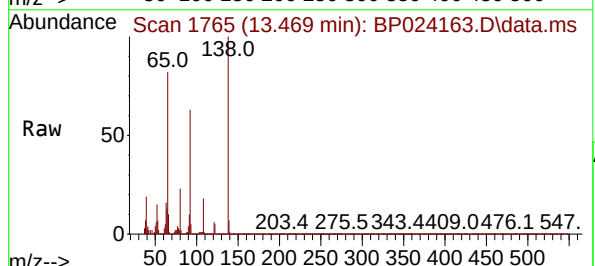
Tgt Ion: 65 Resp: 268455

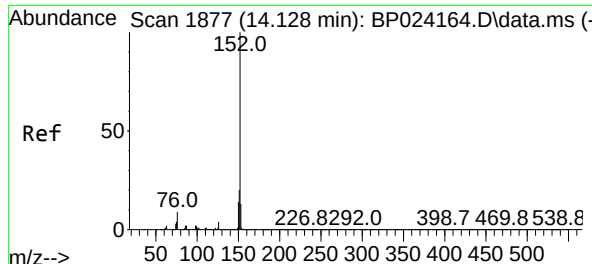
Ion Ratio Lower Upper

65 100

92 76.8 62.1 93.1

138 122.2 99.5 149.3





#49

Acenaphthylene

Concen: 20.517 ng

RT: 14.122 min Scan# 1877

Delta R.T. -0.006 min

Lab File: BP024163.D

Acq: 12 Mar 2025 18:19

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

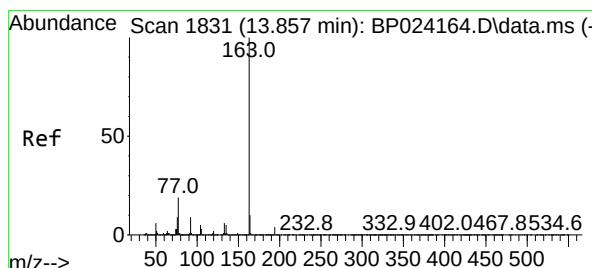
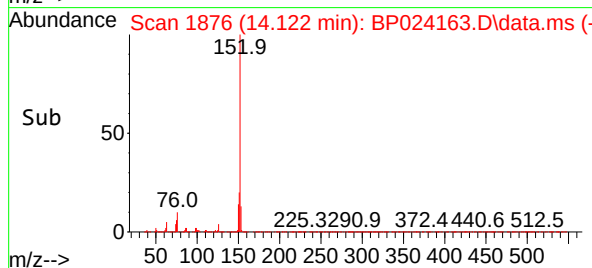
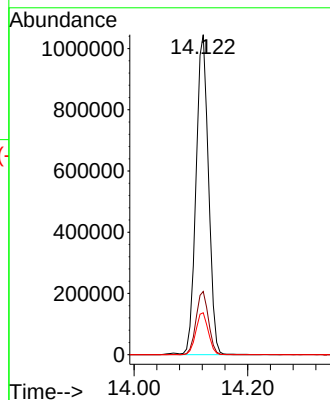
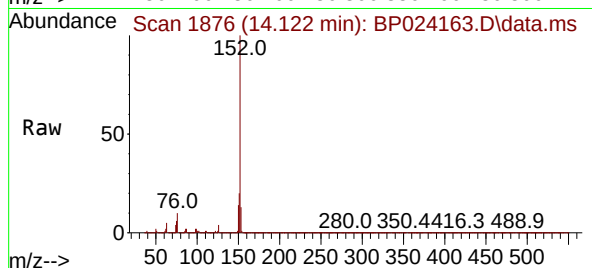
Tgt Ion:152 Resp: 1590772

Ion Ratio Lower Upper

152 100

151 19.8 16.0 24.0

153 13.1 10.6 15.8



#50

Dimethylphthalate

Concen: 20.677 ng

RT: 13.857 min Scan# 1831

Delta R.T. -0.000 min

Lab File: BP024163.D

Acq: 12 Mar 2025 18:19

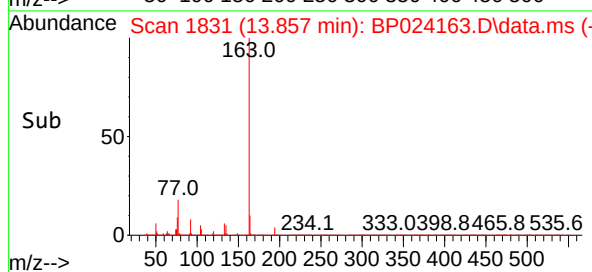
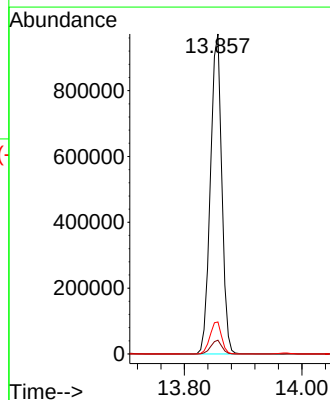
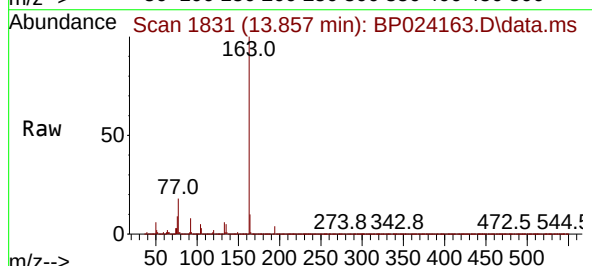
Tgt Ion:163 Resp: 1306638

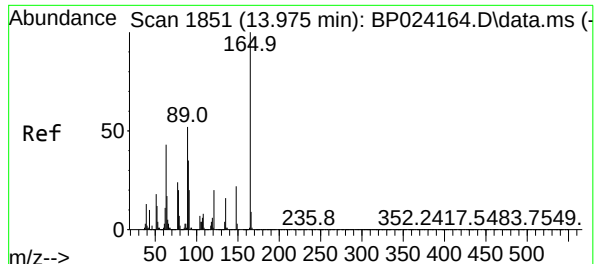
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

164 10.0 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 21.122 ng

RT: 13.969 min Scan# 1850

Delta R.T. -0.006 min

Lab File: BP024163.D

Acq: 12 Mar 2025 18:19

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

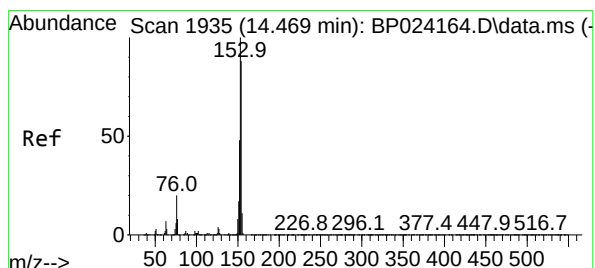
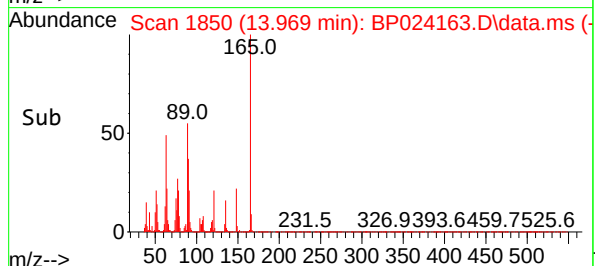
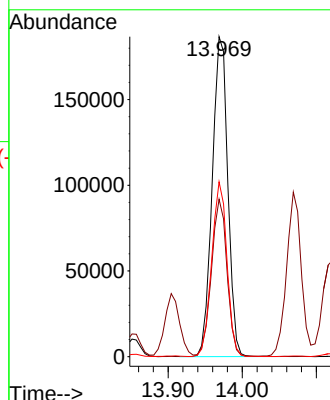
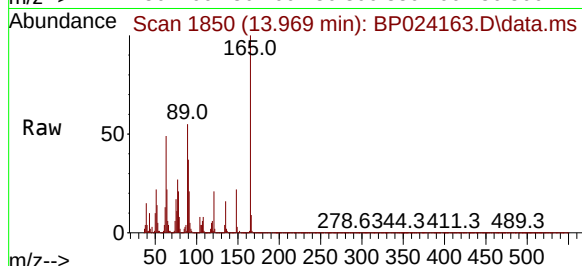
Tgt Ion:165 Resp: 271891

Ion Ratio Lower Upper

165 100

63 49.2 37.7 56.5

89 54.7 41.9 62.9



#52

Acenaphthene

Concen: 20.379 ng

RT: 14.469 min Scan# 1935

Delta R.T. -0.000 min

Lab File: BP024163.D

Acq: 12 Mar 2025 18:19

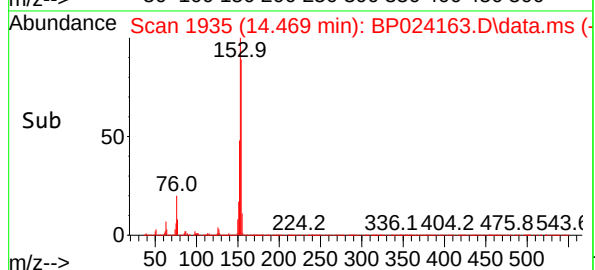
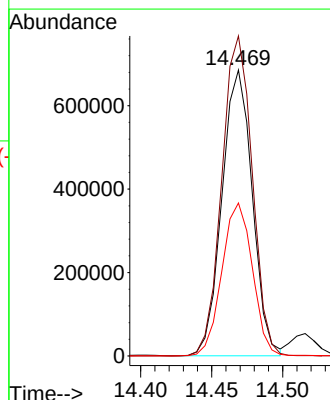
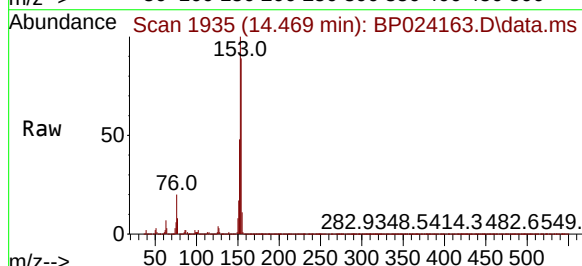
Tgt Ion:154 Resp: 1017503

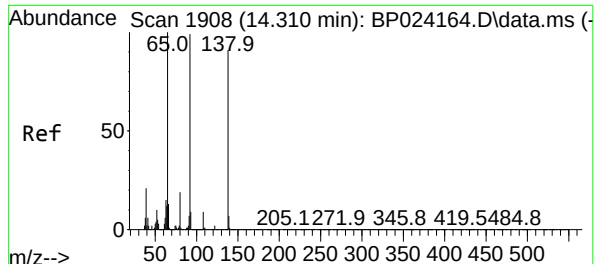
Ion Ratio Lower Upper

154 100

153 111.9 90.5 135.7

152 53.5 43.1 64.7

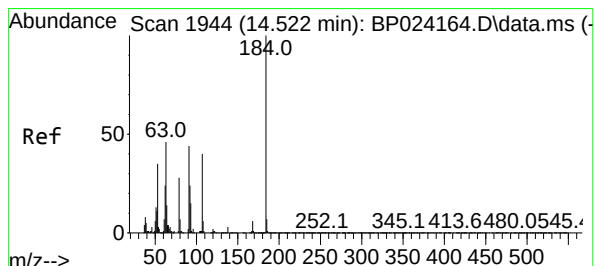
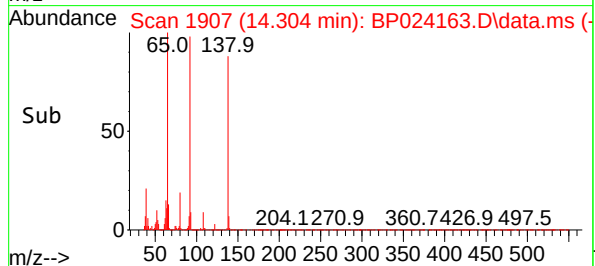
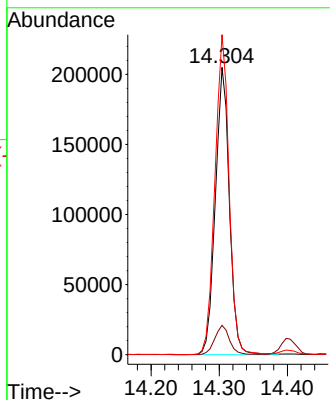
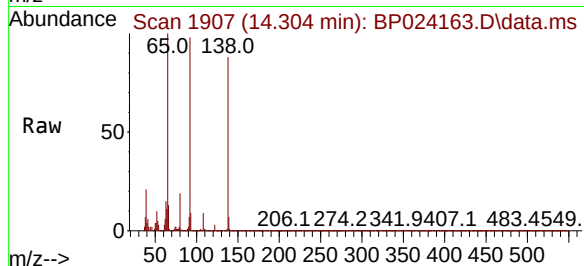




#53
3-Nitroaniline
Concen: 21.397 ng
RT: 14.304 min Scan# 1907
Delta R.T. -0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

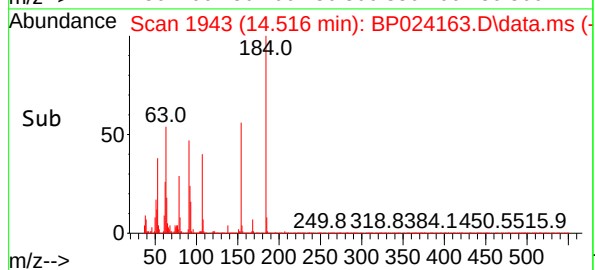
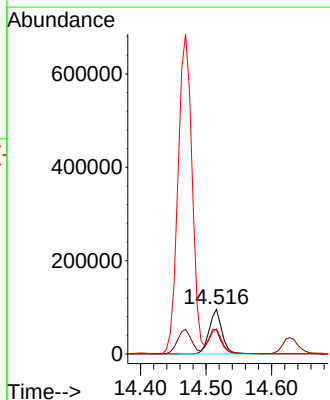
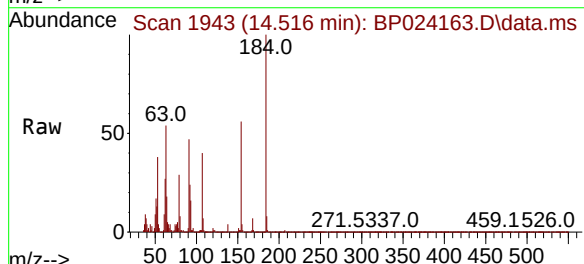
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

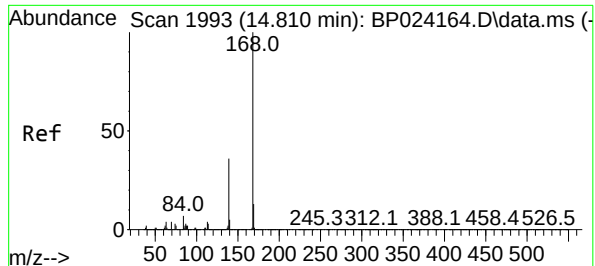
Tgt Ion:138 Resp: 293921
Ion Ratio Lower Upper
138 100
108 10.2 8.2 12.2
92 111.4 86.7 130.1



#54
2,4-Dinitrophenol
Concen: 19.074 ng
RT: 14.516 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion:184 Resp: 130759
Ion Ratio Lower Upper
184 100
63 54.4 42.1 63.1
154 56.0 44.6 67.0

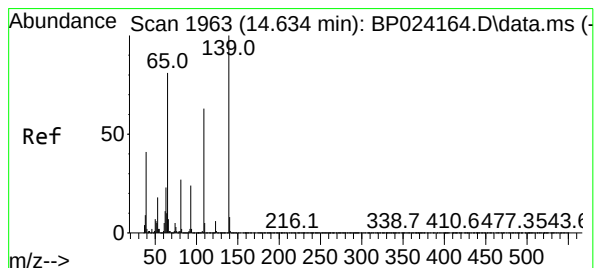
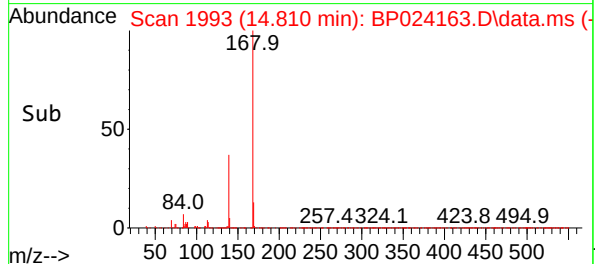
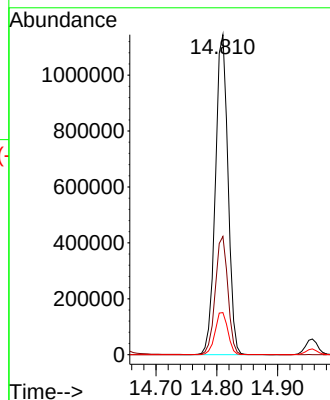
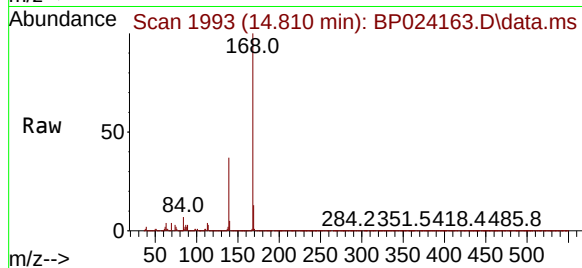




#55
Dibenzofuran
Concen: 20.264 ng
RT: 14.810 min Scan# 1993
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

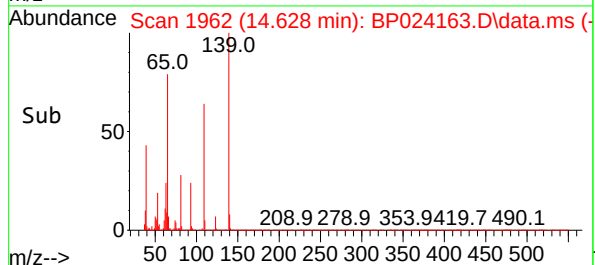
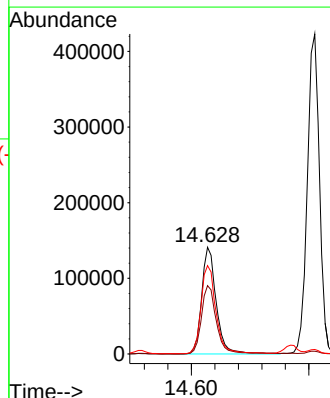
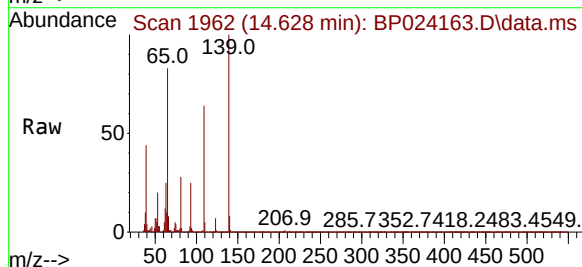
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

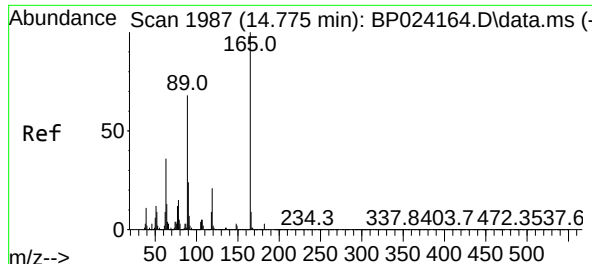
Tgt Ion:168 Resp: 1643604
Ion Ratio Lower Upper
168 100
139 37.0 29.1 43.7
169 13.2 10.8 16.2



#56
4-Nitrophenol
Concen: 20.466 ng
RT: 14.628 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion:139 Resp: 242843
Ion Ratio Lower Upper
139 100
109 64.1 43.3 83.3
65 82.7 61.2 101.2

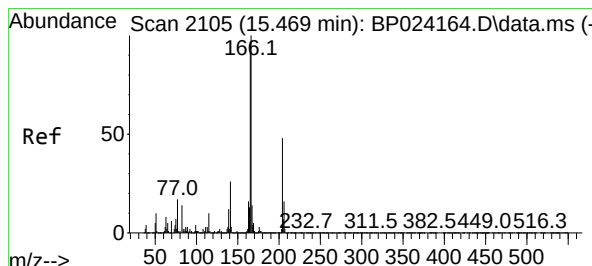
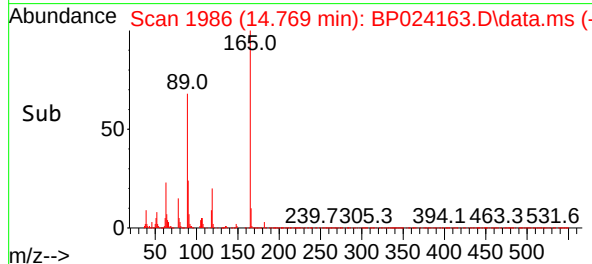
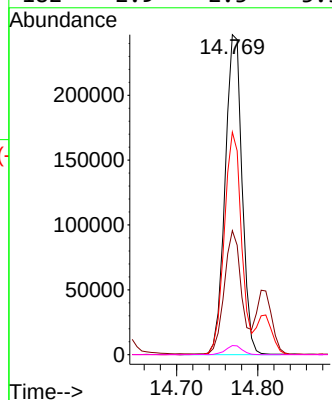
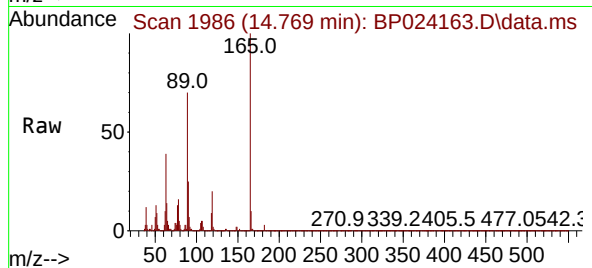




#57
2,4-Dinitrotoluene
Concen: 21.433 ng
RT: 14.769 min Scan# 1986
Delta R.T. -0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

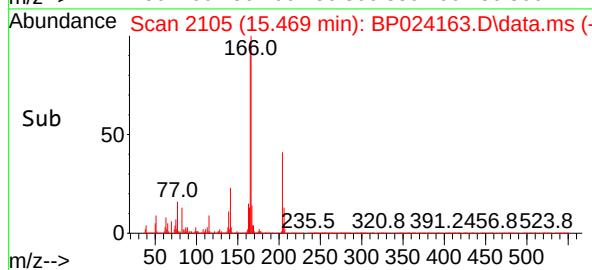
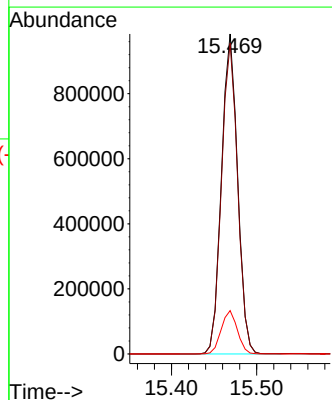
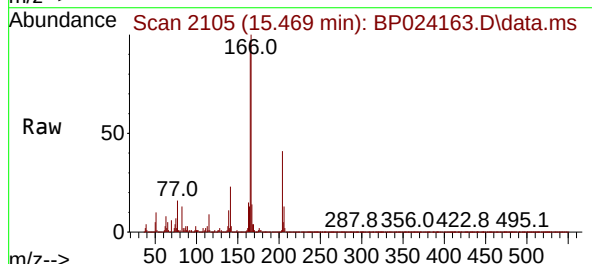
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

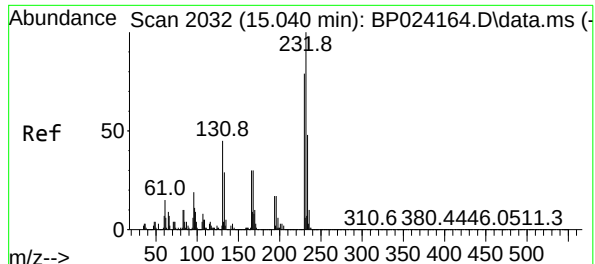
Tgt Ion:165 Resp: 358405
Ion Ratio Lower Upper
165 100
63 38.7 29.0 43.6
89 69.6 54.2 81.4
182 2.9 2.3 3.5



#58
Fluorene
Concen: 20.392 ng
RT: 15.469 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion:166 Resp: 1291744
Ion Ratio Lower Upper
166 100
165 97.1 77.6 116.4
167 13.5 10.8 16.2

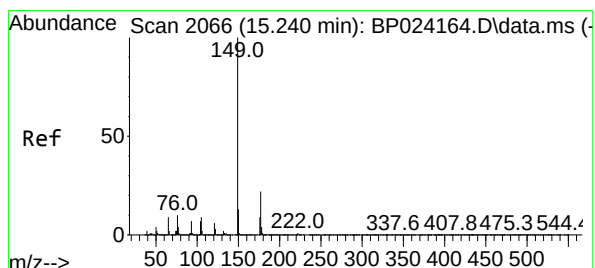
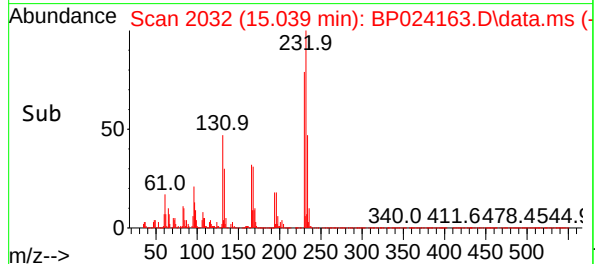
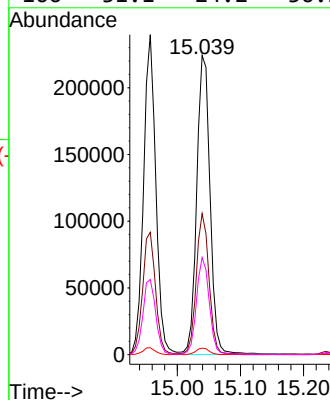
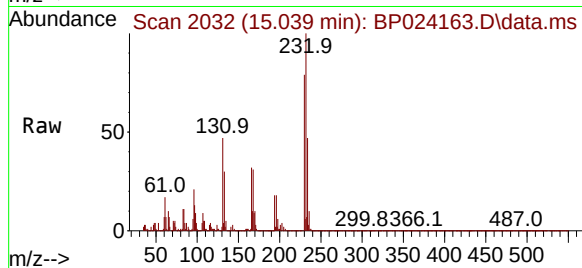




#59
2,3,4,6-Tetrachlorophenol
Concen: 20.514 ng
RT: 15.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

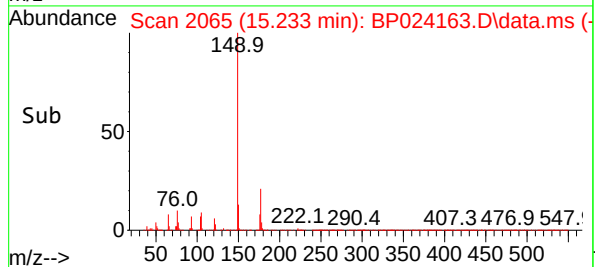
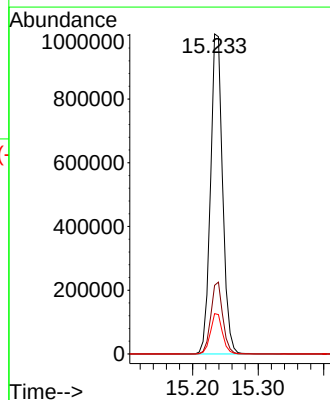
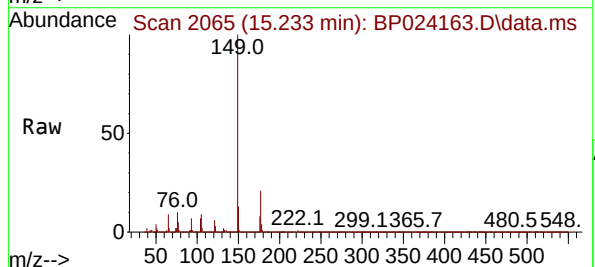
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

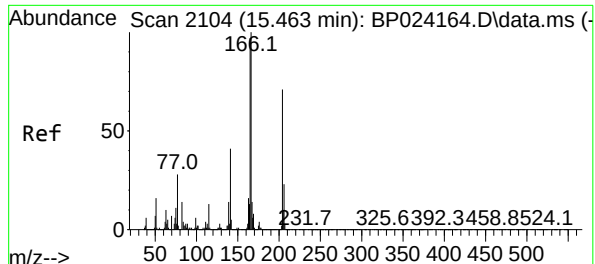
Tgt Ion:232 Resp: 326758
Ion Ratio Lower Upper
232 100
131 45.3 35.9 53.9
130 2.3 1.8 2.6
166 31.1 24.2 36.2



#60
Diethylphthalate
Concen: 20.524 ng
RT: 15.233 min Scan# 2065
Delta R.T. -0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion:149 Resp: 1287503
Ion Ratio Lower Upper
149 100
177 21.5 17.7 26.5
150 12.6 10.2 15.4





#61

4-Chlorophenyl-phenylether

Concen: 19.996 ng

RT: 15.469 min Scan# 2104

Delta R.T. 0.006 min

Lab File: BP024163.D

Acq: 12 Mar 2025 18:19

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

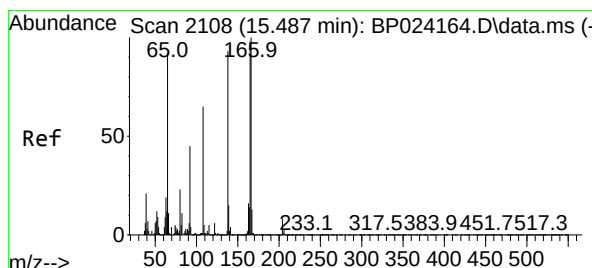
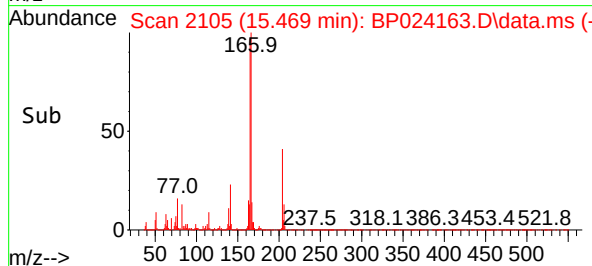
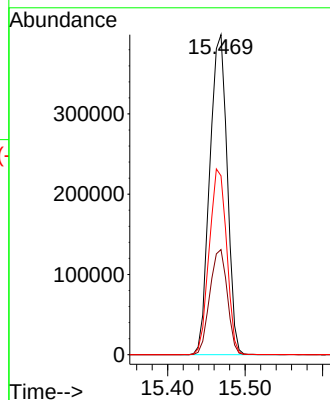
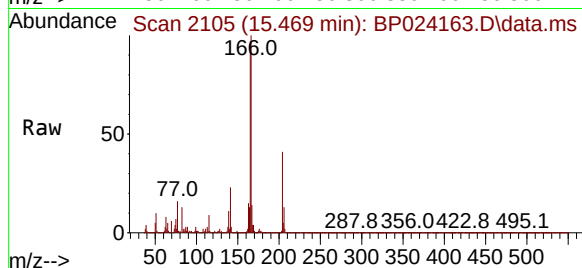
Tgt Ion:204 Resp: 623454

Ion Ratio Lower Upper

204 100

206 32.8 26.4 39.6

141 55.9 45.8 68.8



#62

4-Nitroaniline

Concen: 21.841 ng

RT: 15.486 min Scan# 2108

Delta R.T. -0.000 min

Lab File: BP024163.D

Acq: 12 Mar 2025 18:19

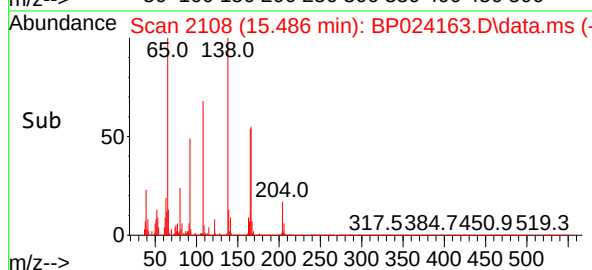
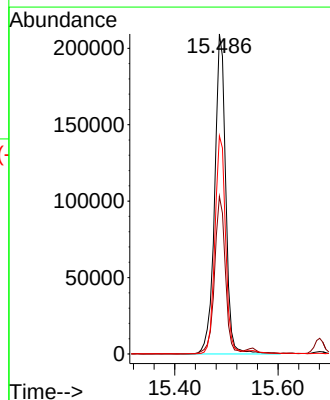
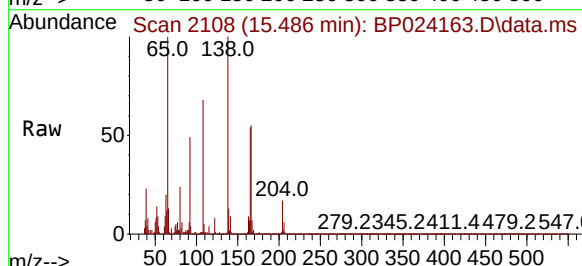
Tgt Ion:138 Resp: 311347

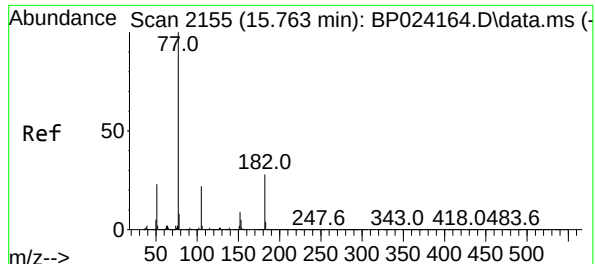
Ion Ratio Lower Upper

138 100

92 49.3 28.7 68.7

108 68.2 49.5 89.5

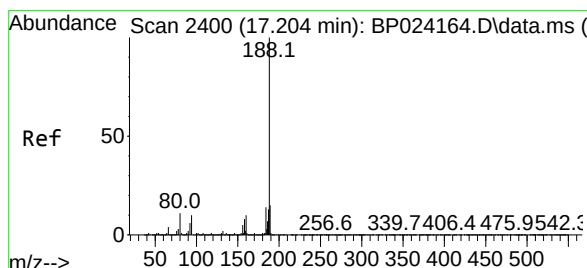
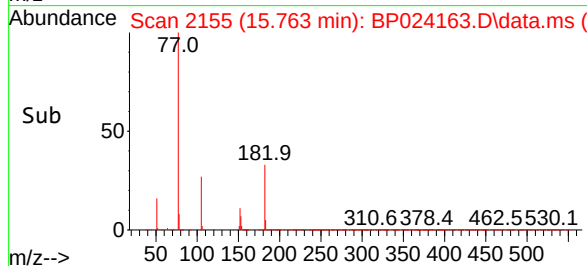
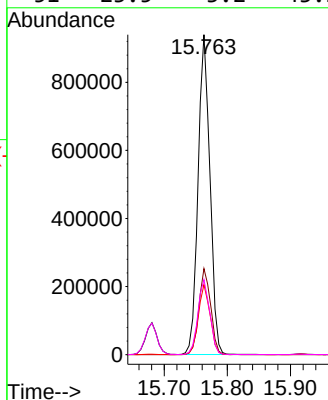
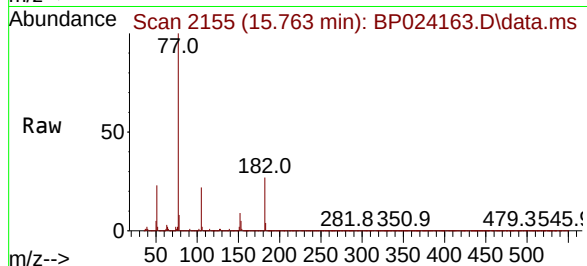




#63
Azobenzene
Concen: 20.864 ng
RT: 15.763 min Scan# 2155
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

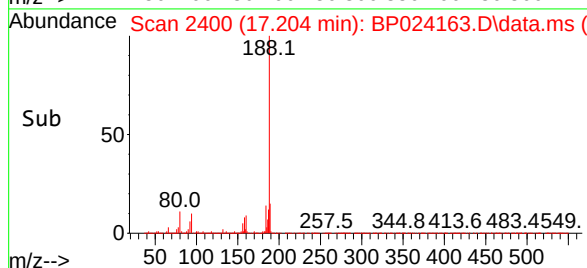
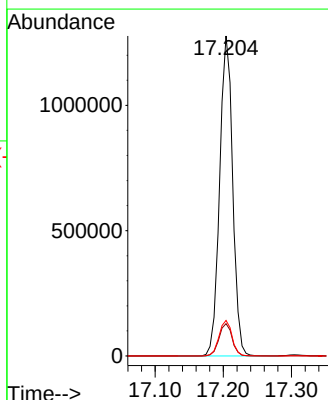
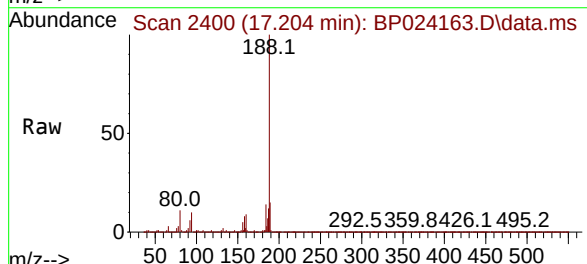
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

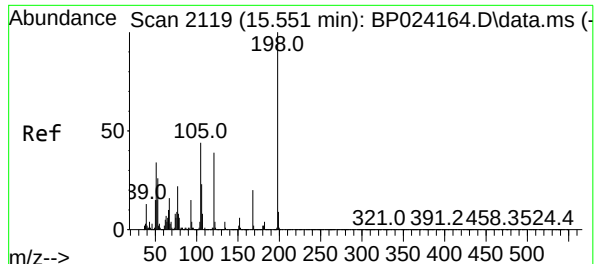
Tgt Ion: 77 Resp: 1226441
Ion Ratio Lower Upper
77 100
182 26.9 7.7 47.7
105 21.9 2.3 42.3
51 23.5 3.2 43.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2400
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion: 188 Resp: 1698224
Ion Ratio Lower Upper
188 100
94 10.1 8.1 12.1
80 11.1 8.9 13.3





#65

4,6-Dinitro-2-methylphenol

Concen: 19.162 ng

RT: 15.551 min Scan# 2119

Delta R.T. -0.000 min

Lab File: BP024163.D

Acq: 12 Mar 2025 18:19

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

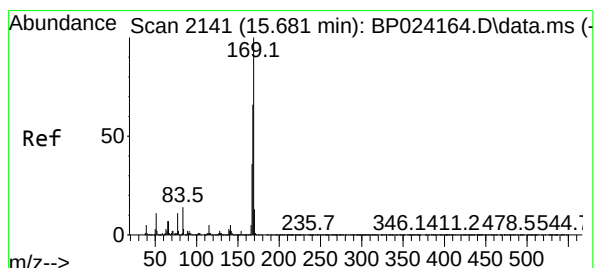
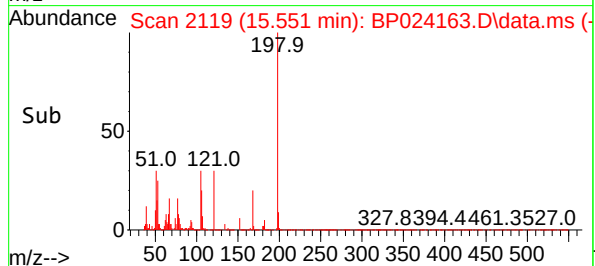
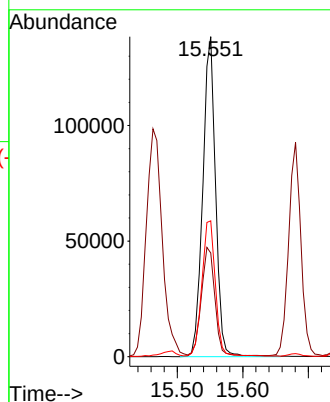
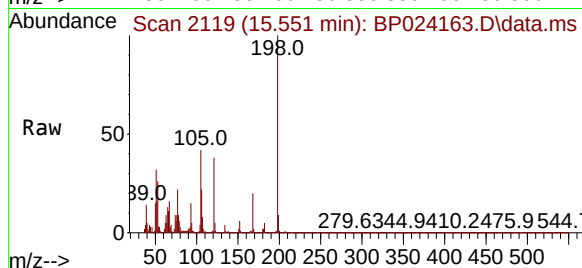
Tgt Ion:198 Resp: 188346

Ion Ratio Lower Upper

198 100

51 32.4 14.7 54.7

105 42.4 23.8 63.8



#66

n-Nitrosodiphenylamine

Concen: 20.181 ng

RT: 15.680 min Scan# 2141

Delta R.T. -0.000 min

Lab File: BP024163.D

Acq: 12 Mar 2025 18:19

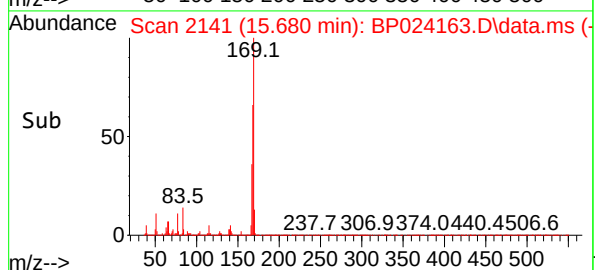
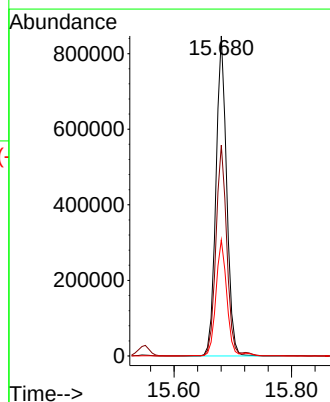
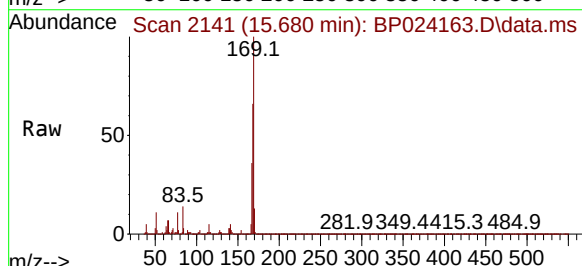
Tgt Ion:169 Resp: 1068735

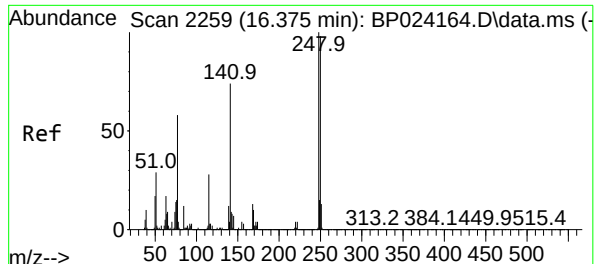
Ion Ratio Lower Upper

169 100

168 65.9 52.9 79.3

167 36.2 28.8 43.2

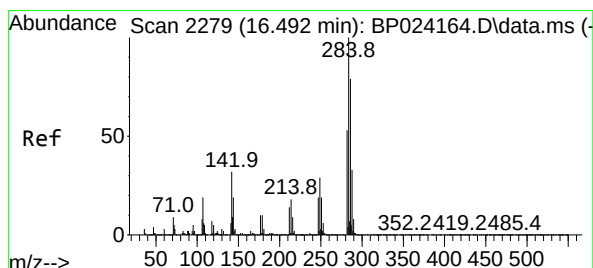
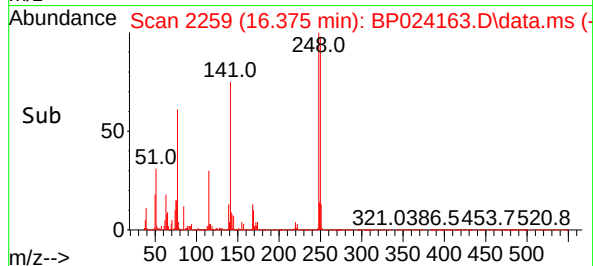
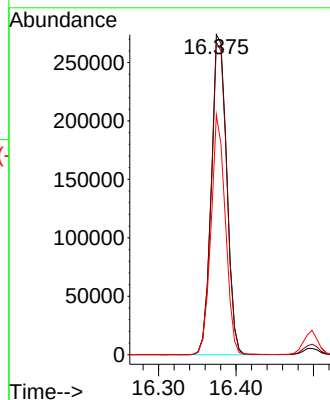
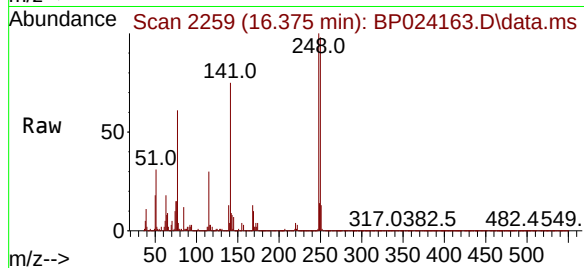




#67
4-Bromophenyl-phenylether
Concen: 19.797 ng
RT: 16.375 min Scan# 2259
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

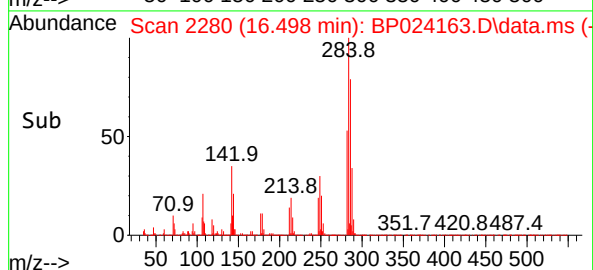
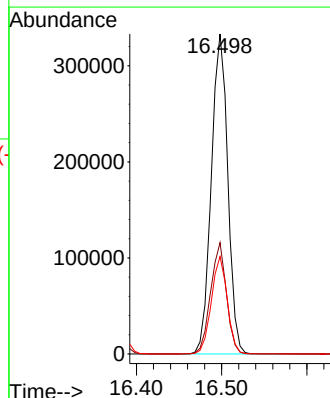
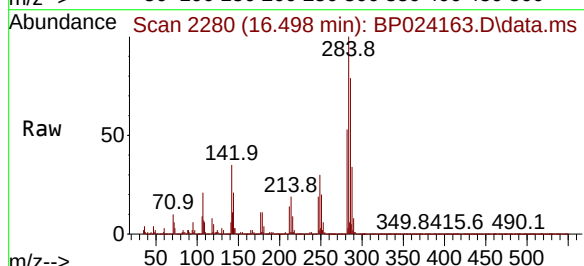
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

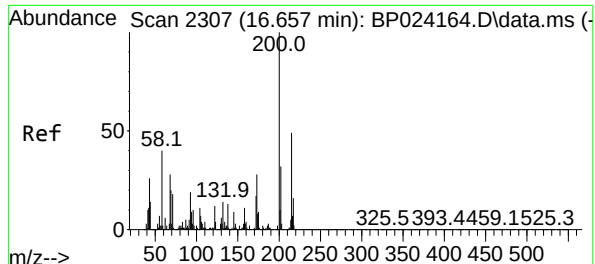
Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.5	78.4	117.6
141	74.9	59.4	89.0



#68
Hexachlorobenzene
Concen: 19.921 ng
RT: 16.498 min Scan# 2280
Delta R.T. 0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.8	25.4	38.2
249	30.5	23.5	35.3

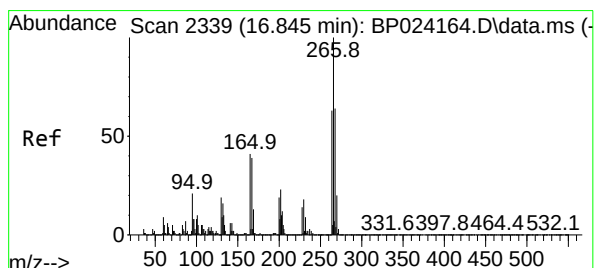
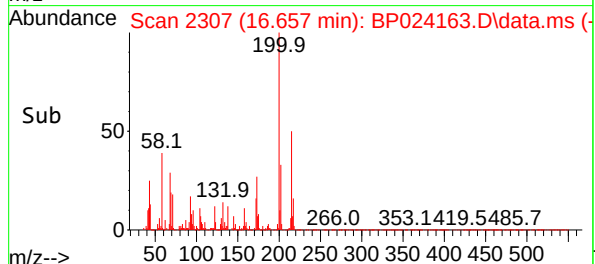
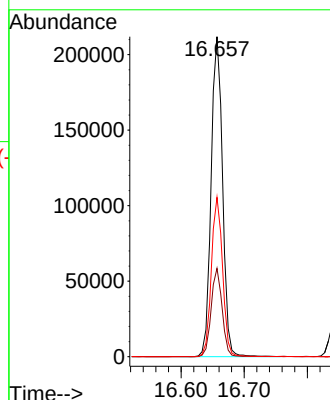
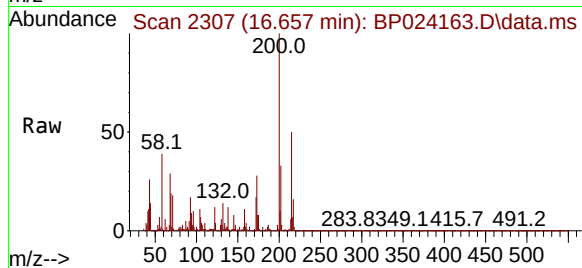




#69
Atrazine
Concen: 19.568 ng
RT: 16.657 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

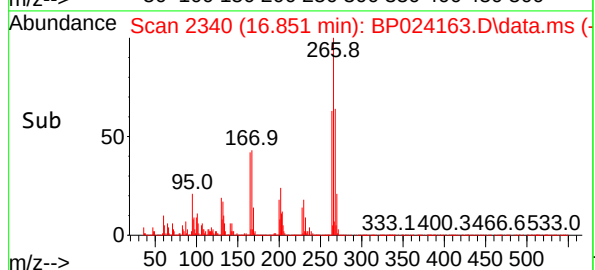
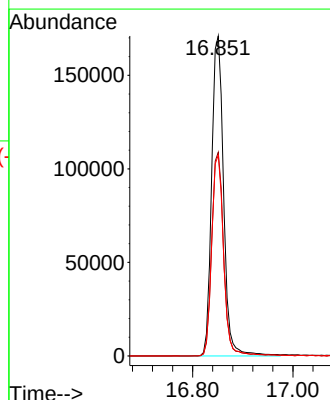
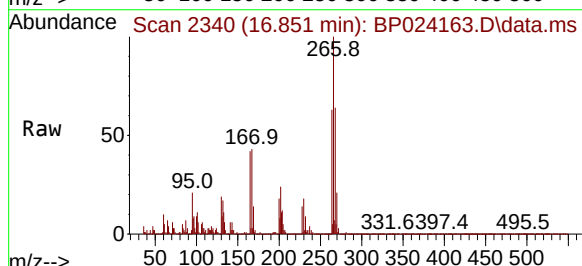
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

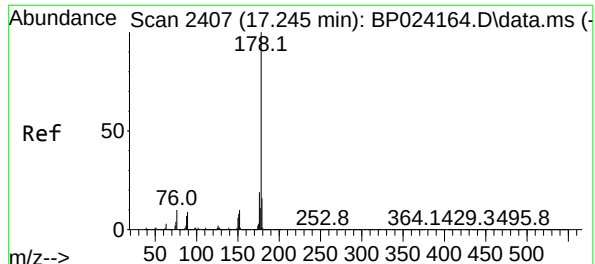
Tgt Ion:200 Resp: 265940
Ion Ratio Lower Upper
200 100
173 27.6 7.6 47.6
215 49.8 29.0 69.0



#70
Pentachlorophenol
Concen: 19.373 ng
RT: 16.851 min Scan# 2340
Delta R.T. 0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion:266 Resp: 282344
Ion Ratio Lower Upper
266 100
268 63.7 51.3 76.9
264 62.7 50.6 76.0

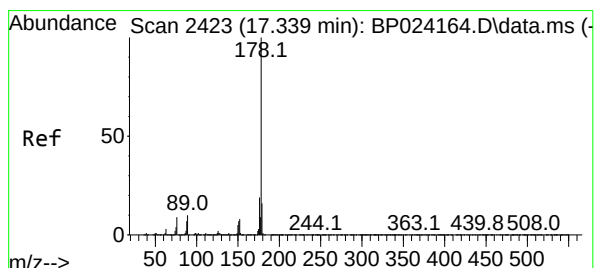
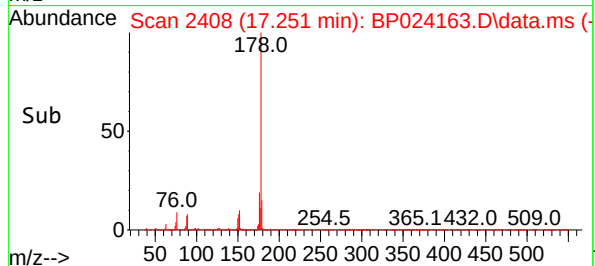
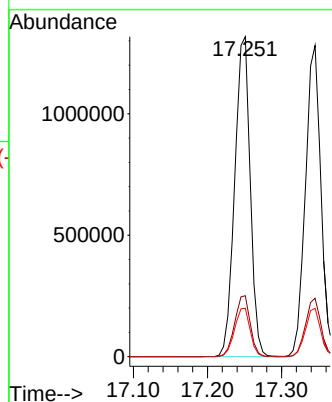
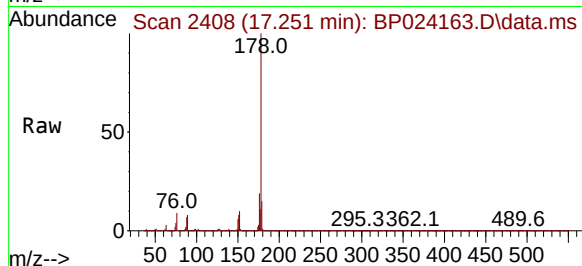




#71
Phenanthrene
Concen: 19.965 ng
RT: 17.251 min Scan# 2408
Delta R.T. 0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

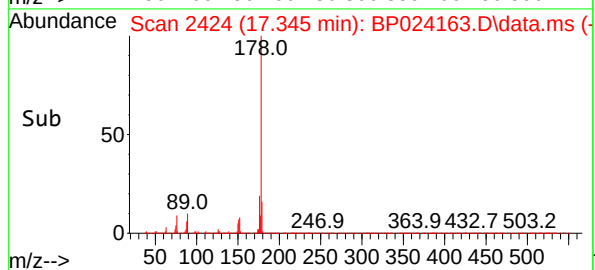
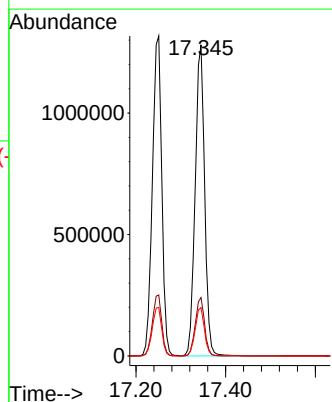
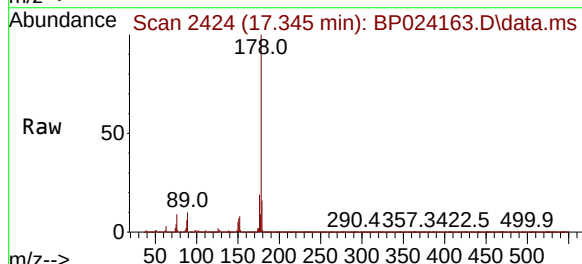
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

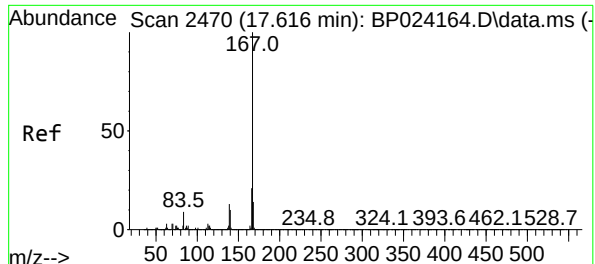
Tgt Ion:178 Resp: 1911548
Ion Ratio Lower Upper
178 100
176 19.1 15.6 23.4
179 15.2 12.5 18.7



#72
Anthracene
Concen: 20.386 ng
RT: 17.345 min Scan# 2424
Delta R.T. 0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion:178 Resp: 1870471
Ion Ratio Lower Upper
178 100
176 18.8 15.2 22.8
179 15.5 12.6 18.8

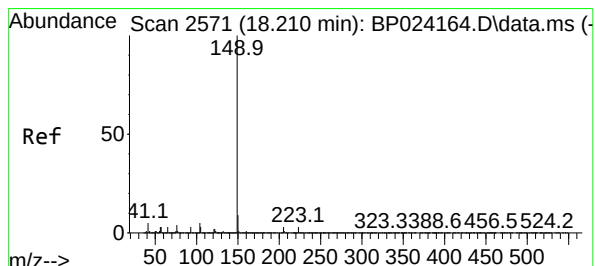
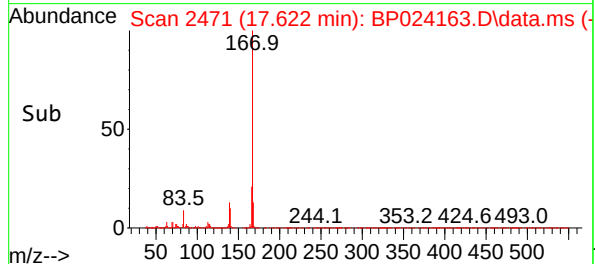
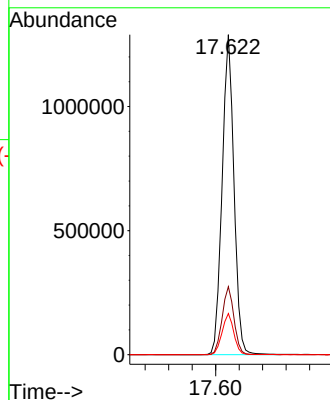
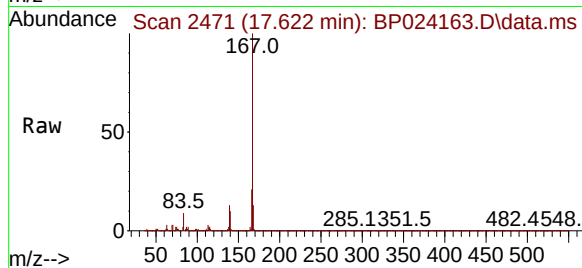




#73
Carbazole
Concen: 20.589 ng
RT: 17.622 min Scan# 2470
Delta R.T. 0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

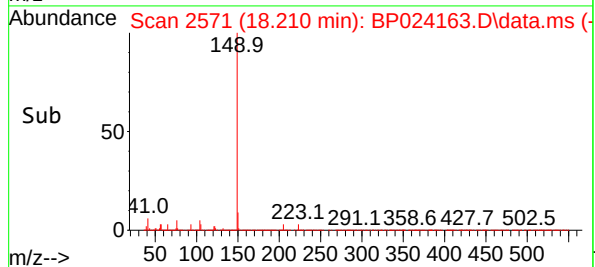
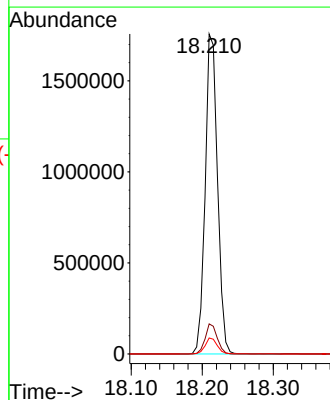
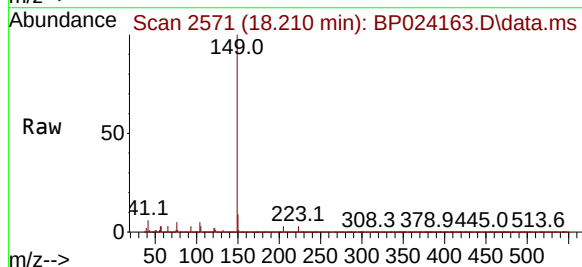
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

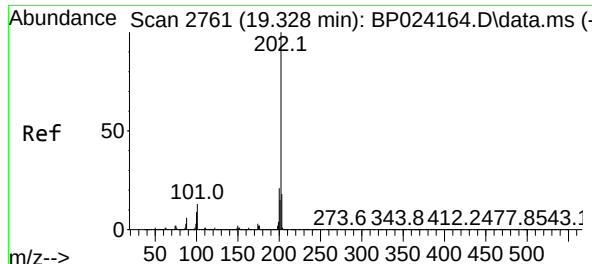
Tgt Ion:167 Resp: 1799842
Ion Ratio Lower Upper
167 100
166 21.3 17.1 25.7
139 12.8 10.2 15.4



#74
Di-n-butylphthalate
Concen: 20.765 ng
RT: 18.210 min Scan# 2571
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion:149 Resp: 2118089
Ion Ratio Lower Upper
149 100
150 9.4 7.6 11.4
104 5.0 3.9 5.9

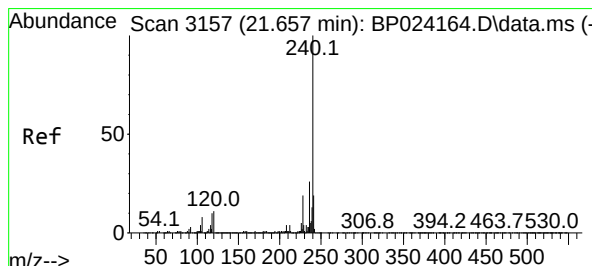
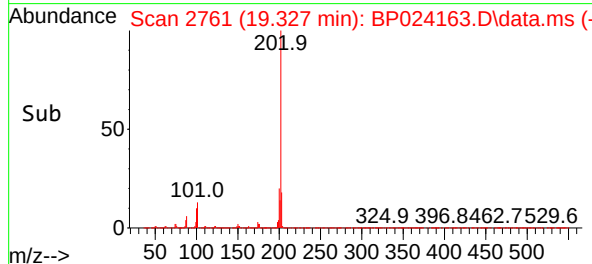
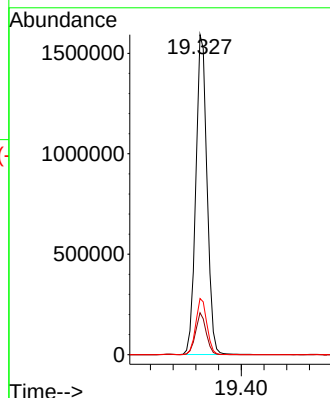
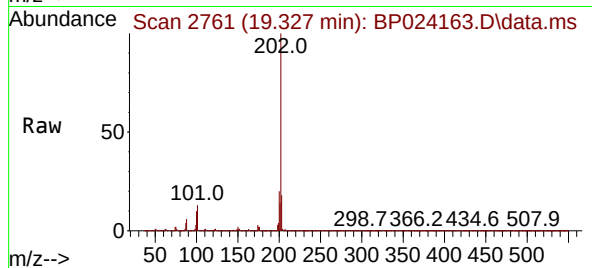




#75
Fluoranthene
Concen: 20.186 ng
RT: 19.327 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

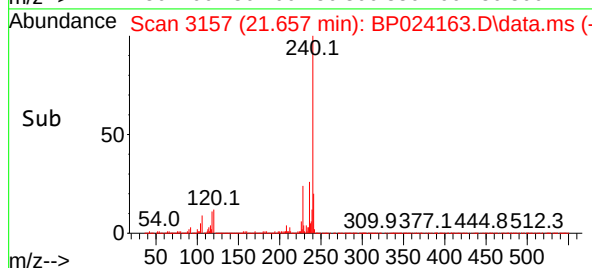
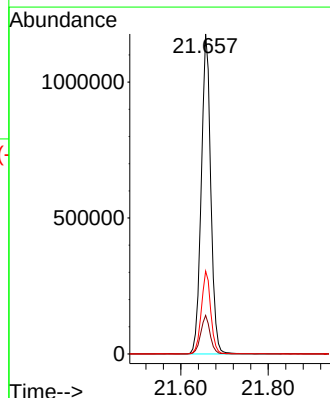
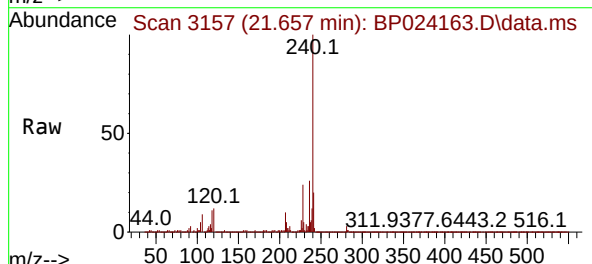
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

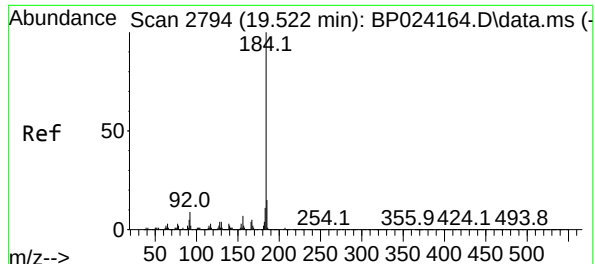
Tgt Ion:202 Resp: 2186012
Ion Ratio Lower Upper
202 100
101 13.1 0.0 32.5
203 17.5 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.657 min Scan# 3157
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion:240 Resp: 1778727
Ion Ratio Lower Upper
240 100
120 12.1 9.2 13.8
236 25.9 20.4 30.6

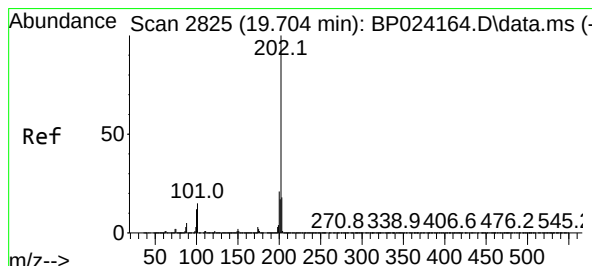
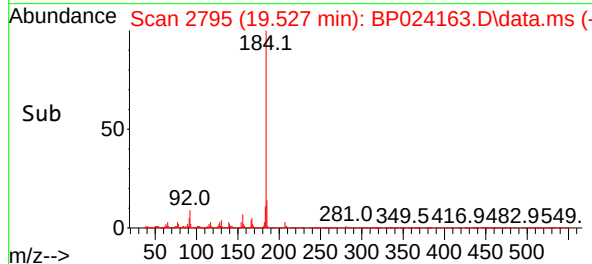
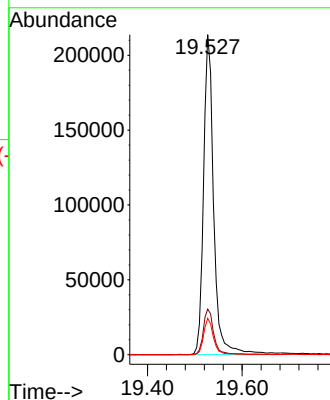
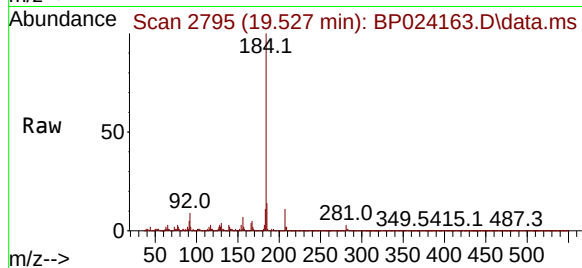




#77
Benzidine
Concen: 14.642 ng
RT: 19.527 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

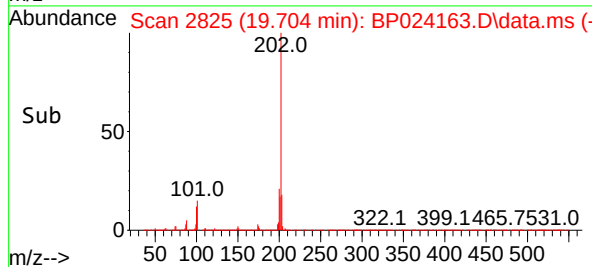
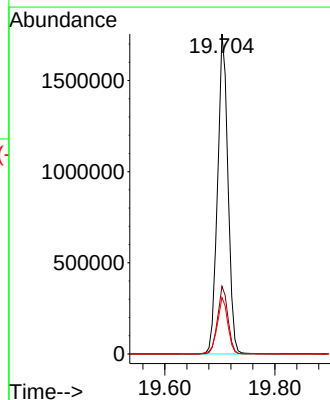
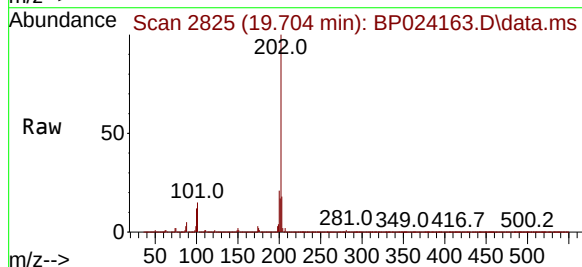
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

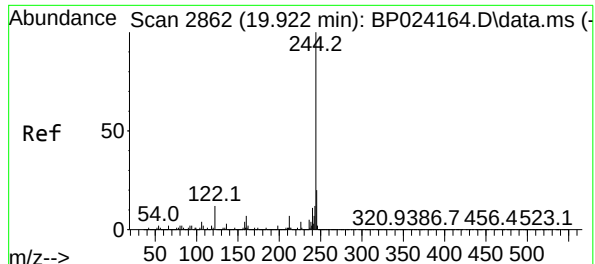
Tgt Ion:184 Resp: 317361
Ion Ratio Lower Upper
184 100
185 14.3 11.8 17.6
183 11.4 9.1 13.7



#78
Pyrene
Concen: 20.454 ng
RT: 19.704 min Scan# 2825
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion:202 Resp: 2310992
Ion Ratio Lower Upper
202 100
200 21.1 17.1 25.7
203 17.6 14.2 21.4

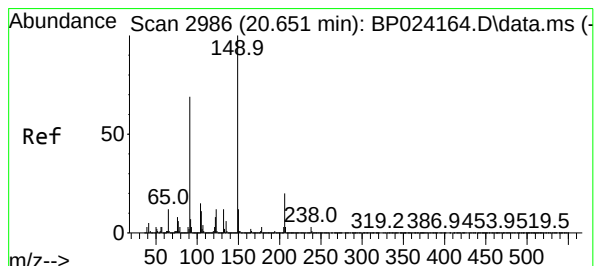
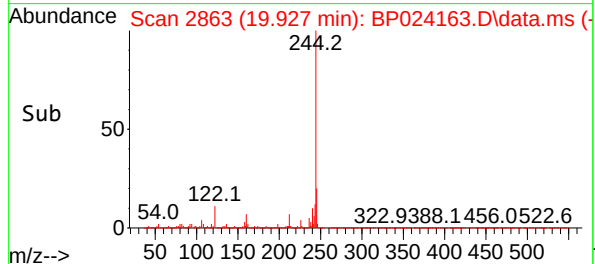
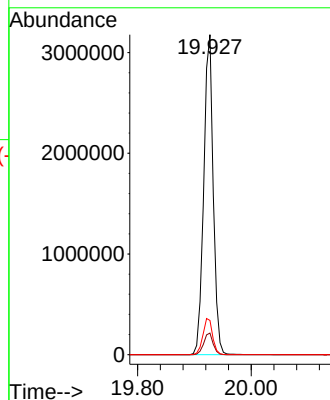
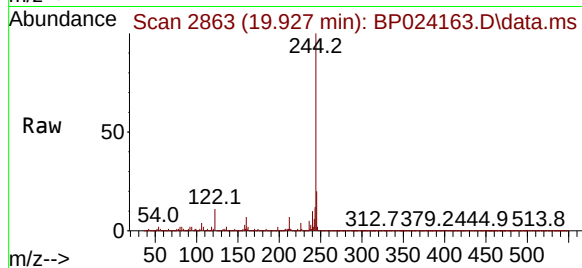




#79
Terphenyl-d14
Concen: 40.898 ng
RT: 19.927 min Scan# 2862
Delta R.T. 0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

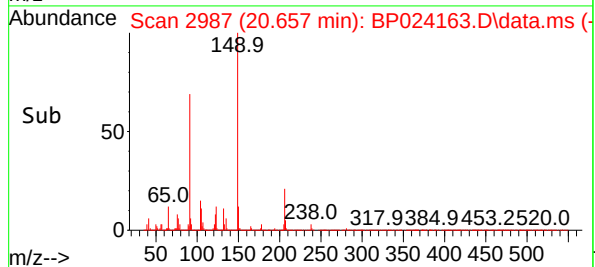
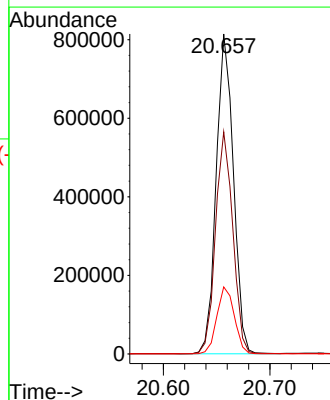
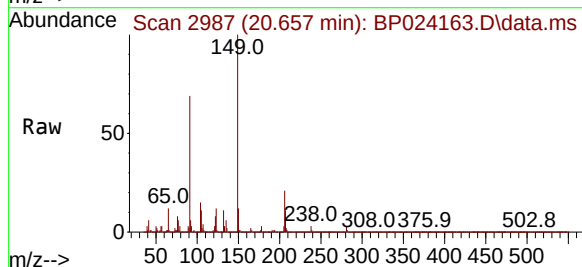
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

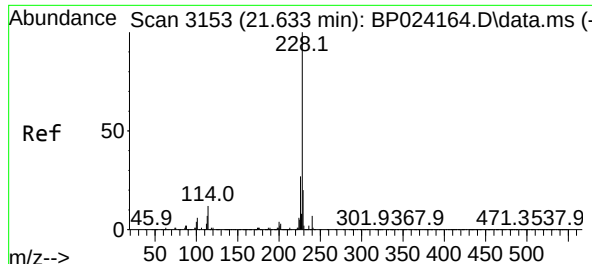
Tgt Ion:244 Resp: 3676388
Ion Ratio Lower Upper
244 100
212 6.7 5.7 8.5
122 10.7 9.6 14.4



#80
Butylbenzylphthalate
Concen: 21.082 ng
RT: 20.657 min Scan# 2987
Delta R.T. 0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion:149 Resp: 912738
Ion Ratio Lower Upper
149 100
91 69.4 55.3 82.9
206 20.9 16.1 24.1

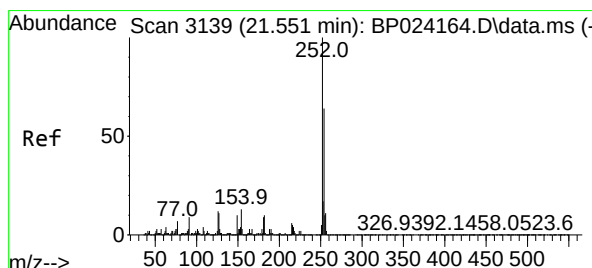
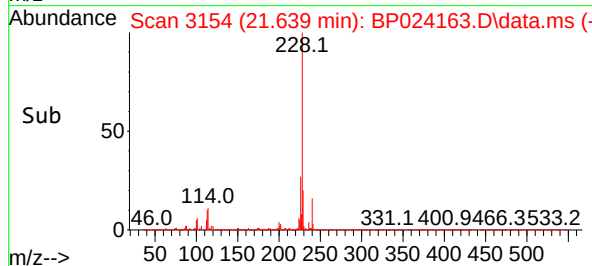
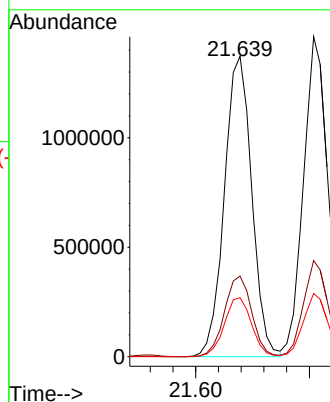
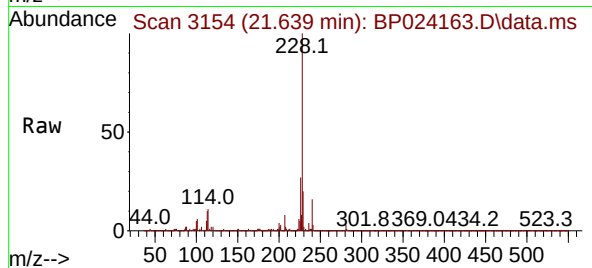




#81
Benzo(a)anthracene
Concen: 20.583 ng
RT: 21.639 min Scan# 3153
Delta R.T. 0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

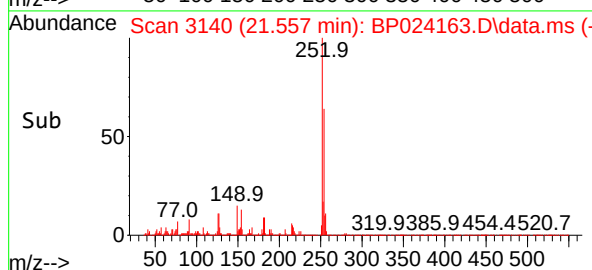
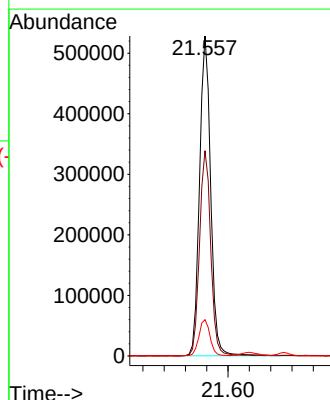
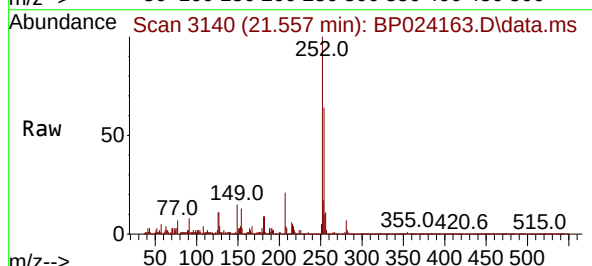
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

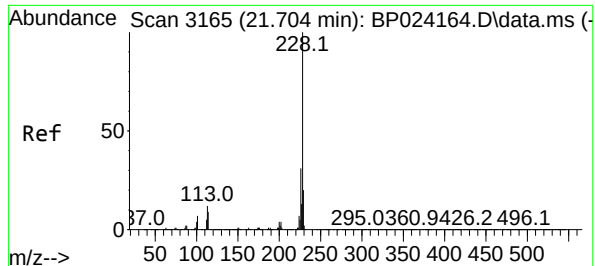
Tgt Ion:228 Resp: 2295776
Ion Ratio Lower Upper
228 100
226 26.8 21.8 32.8
229 19.6 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 21.882 ng
RT: 21.557 min Scan# 3140
Delta R.T. 0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion:252 Resp: 762665
Ion Ratio Lower Upper
252 100
254 64.1 51.4 77.2
126 11.4 9.3 13.9

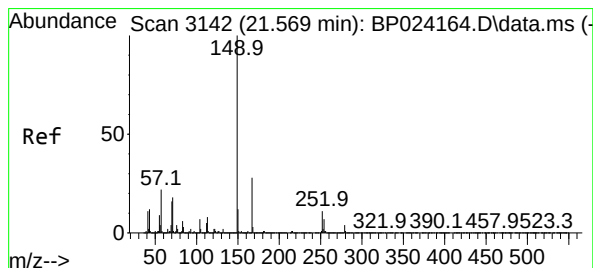
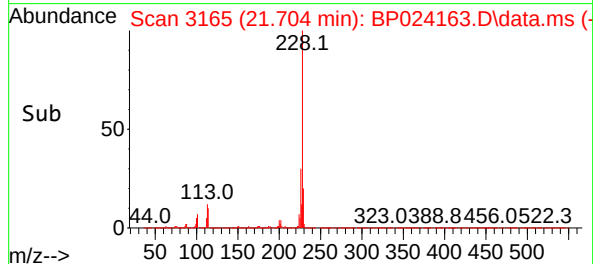
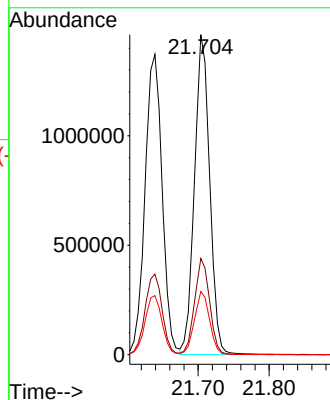
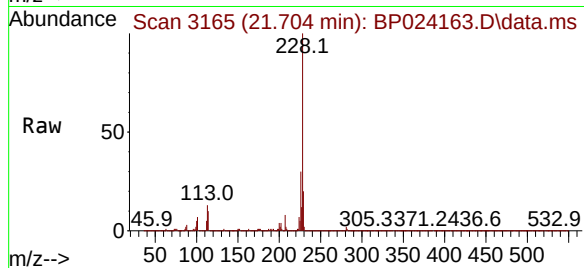




#83
Chrysene
Concen: 20.250 ng
RT: 21.704 min Scan# 3165
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

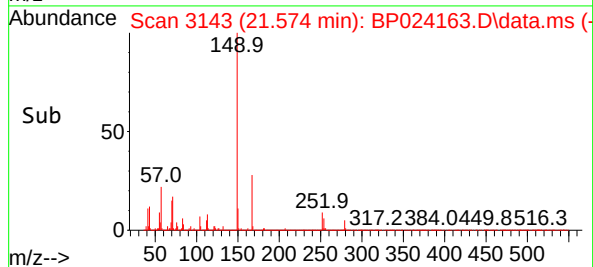
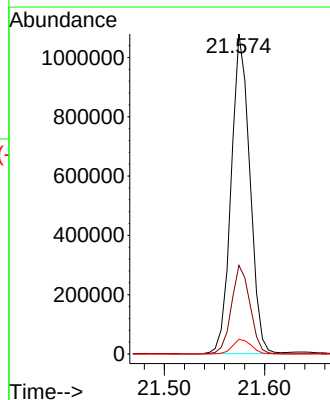
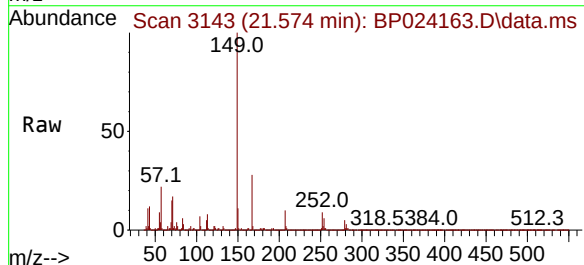
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

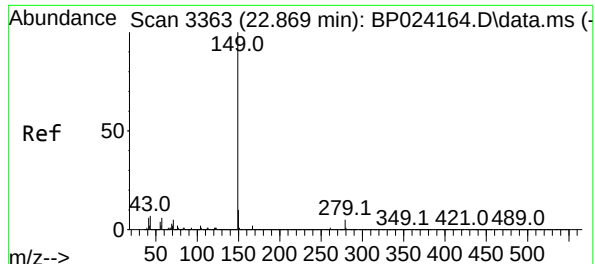
Tgt Ion:228 Resp: 2177924
Ion Ratio Lower Upper
228 100
226 30.0 24.5 36.7
229 19.8 16.2 24.2



#84
Bis(2-ethylhexyl)phthalate
Concen: 21.249 ng
RT: 21.574 min Scan# 3143
Delta R.T. 0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion:149 Resp: 1395096
Ion Ratio Lower Upper
149 100
167 27.7 22.5 33.7
279 4.5 3.6 5.4

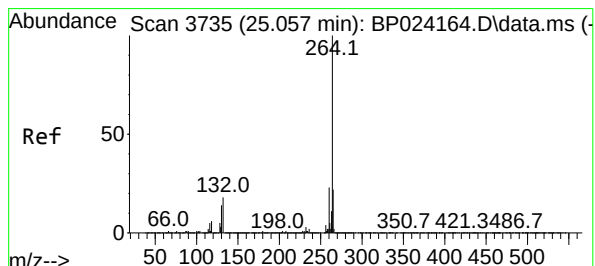
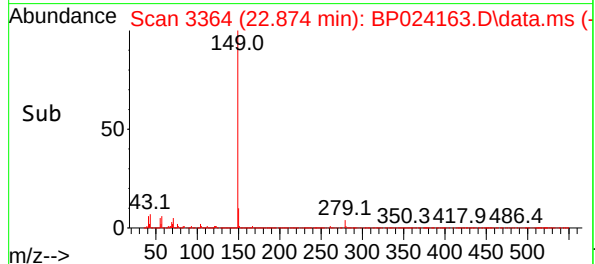
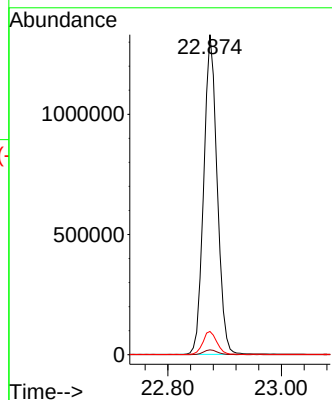
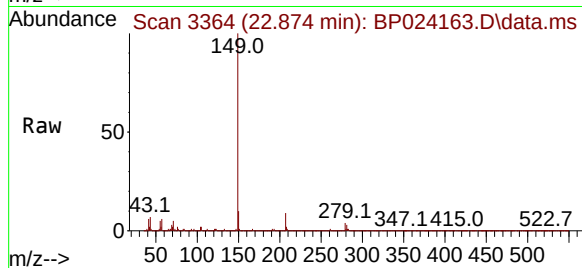




#85
Di-n-octyl phthalate
Concen: 20.752 ng
RT: 22.874 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

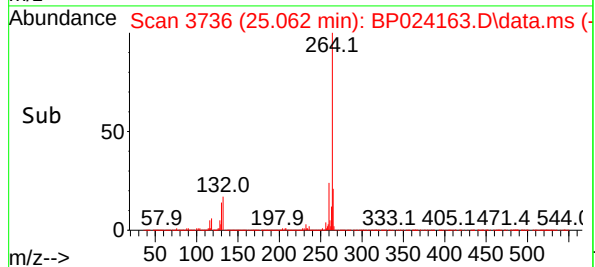
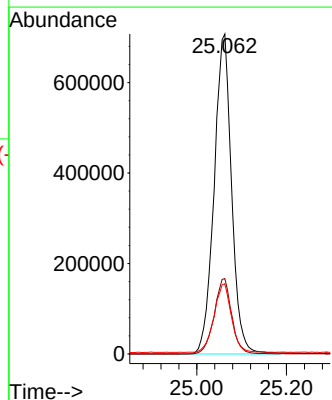
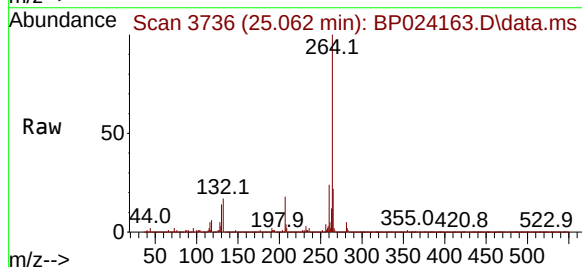
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

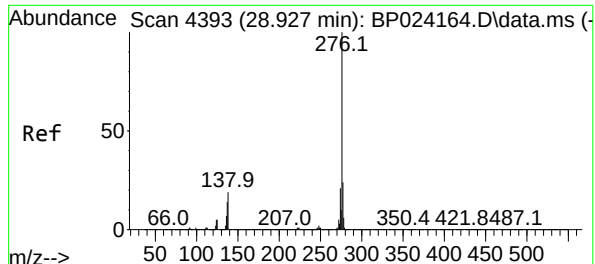
Tgt Ion:149 Resp: 2177750
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 7.5 5.8 8.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.062 min Scan# 3736
Delta R.T. 0.006 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion:264 Resp: 1914395
Ion Ratio Lower Upper
264 100
260 23.5 18.5 27.7
265 22.0 17.7 26.5

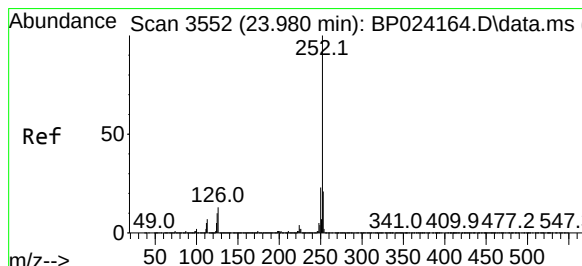
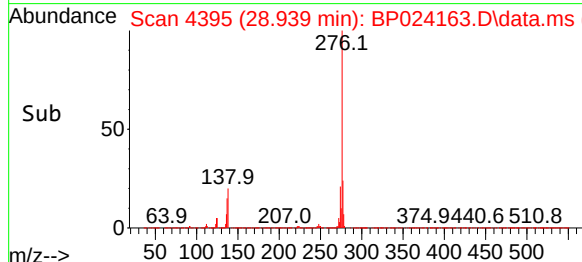
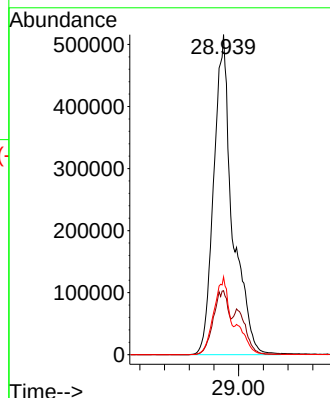
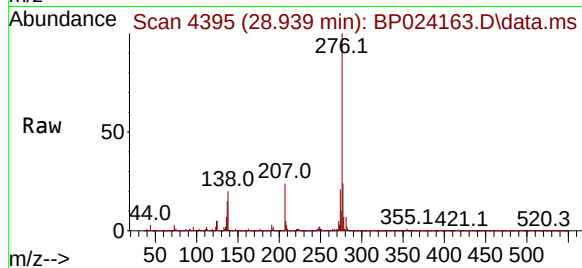




#87
Indeno(1,2,3-cd)pyrene
Concen: 19.980 ng
RT: 28.939 min Scan# 4393
Delta R.T. 0.012 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

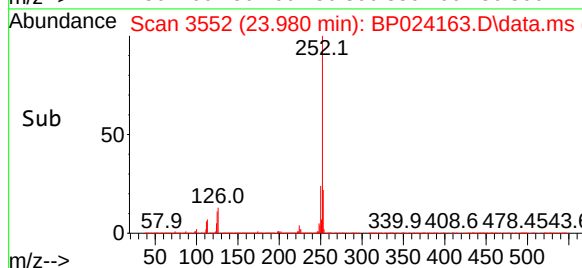
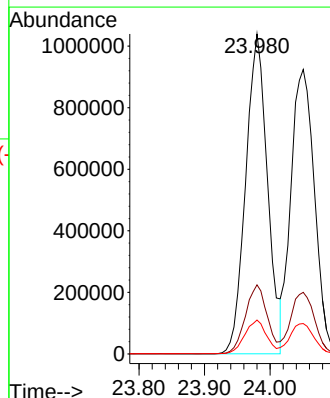
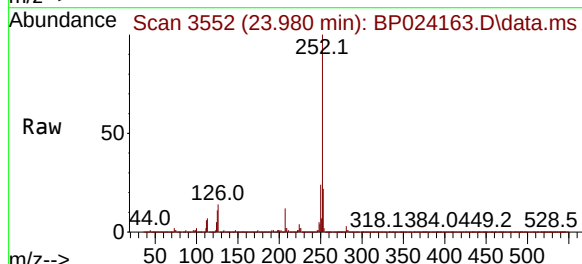
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

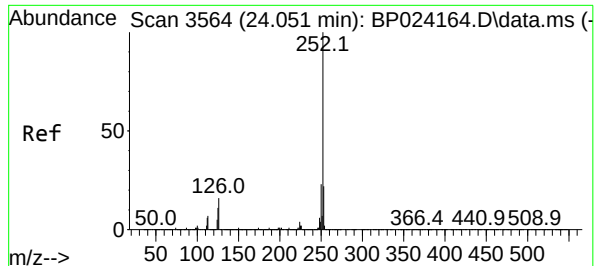
Tgt Ion:276 Resp: 2721144
Ion Ratio Lower Upper
276 100
138 16.2 13.7 20.5
277 19.5 20.2 30.2#



#88
Benzo(b)fluoranthene
Concen: 19.806 ng
RT: 23.980 min Scan# 3552
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion:252 Resp: 2407773
Ion Ratio Lower Upper
252 100
253 21.6 17.2 25.8
125 10.6 8.2 12.4

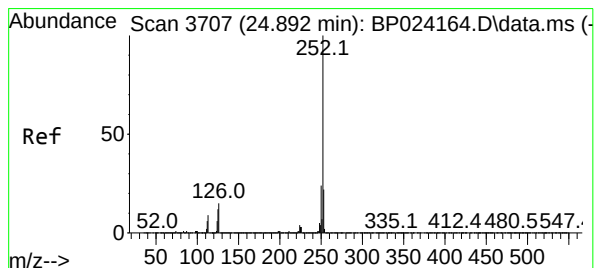
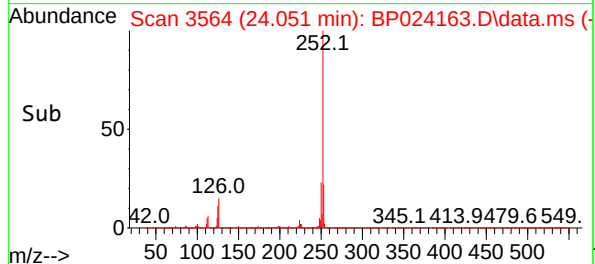
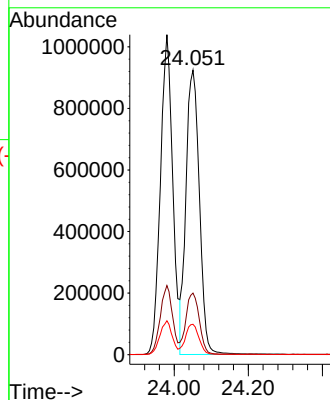
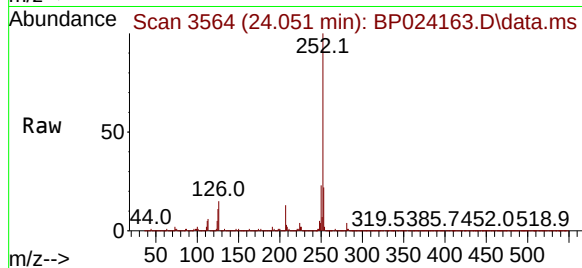




#89
Benzo(k)fluoranthene
Concen: 19.624 ng
RT: 24.051 min Scan# 3564
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

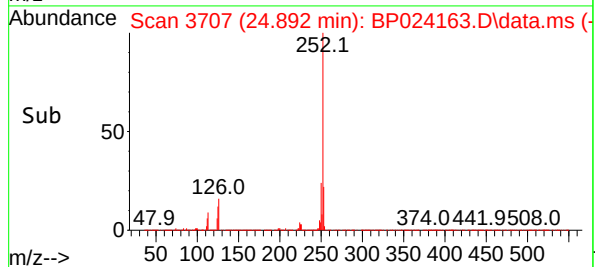
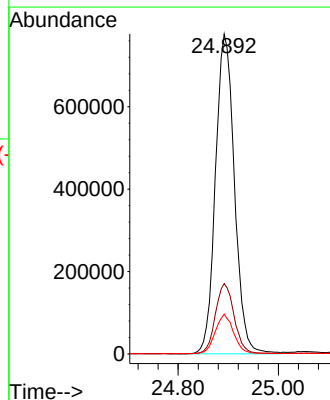
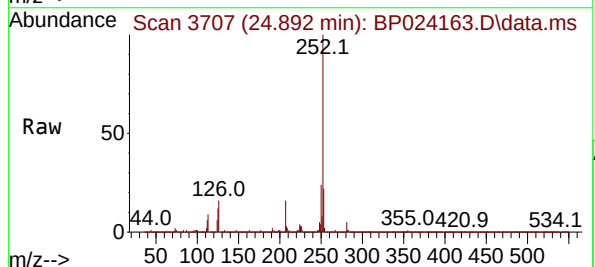
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BNA_P
ClientSampleId :
SSTDICC020

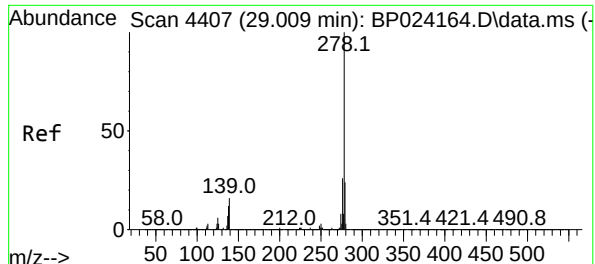
Tgt Ion:252 Resp: 2322149
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 10.7 9.1 13.7



#90
Benzo(a)pyrene
Concen: 19.755 ng
RT: 24.892 min Scan# 3707
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion:252 Resp: 2038106
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 12.5 9.6 14.4

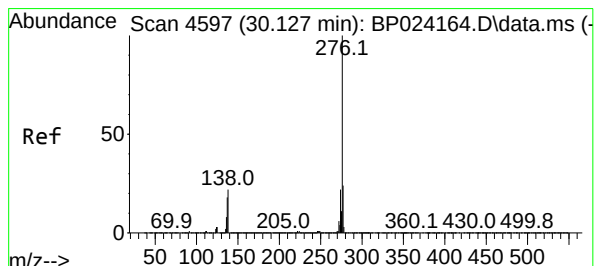
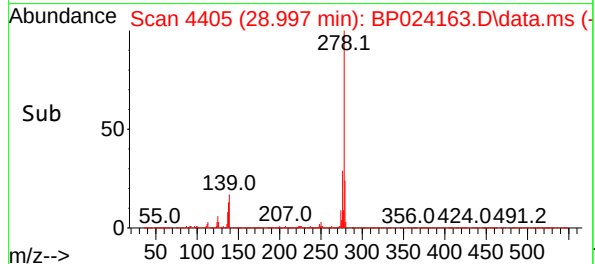
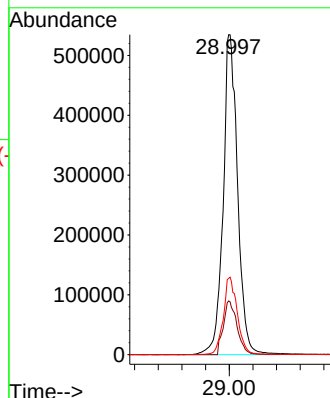
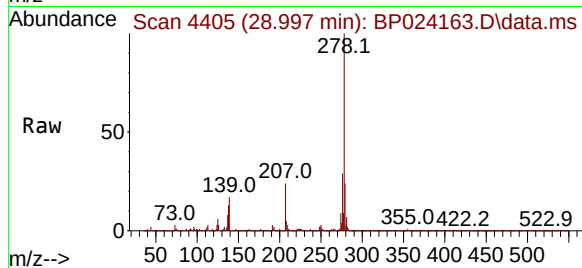




#91
Dibenzo(a,h)anthracene
Concen: 19.797 ng
RT: 28.997 min Scan# 4407
Delta R.T. -0.012 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

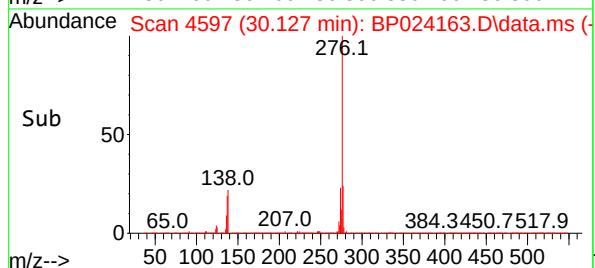
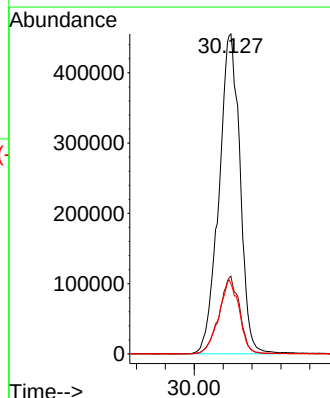
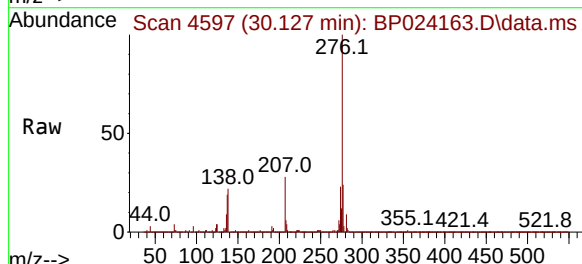
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:278 Resp: 2267016
Ion Ratio Lower Upper
278 100
139 16.8 13.0 19.4
279 23.8 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 19.746 ng
RT: 30.127 min Scan# 4597
Delta R.T. -0.000 min
Lab File: BP024163.D
Acq: 12 Mar 2025 18:19

Tgt Ion:276 Resp: 2294574
Ion Ratio Lower Upper
276 100
277 24.3 19.2 28.8
138 21.9 17.4 26.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
 Data File : BP024164.D
 Acq On : 12 Mar 2025 19:00
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICCC040

Quant Time: Mar 13 04:08:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 04:01:12 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	383350	20.000	ng	0.00
21) Naphthalene-d8	10.552	136	1538579	20.000	ng	0.00
39) Acenaphthene-d10	14.404	164	930584	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1720919	20.000	ng	0.00
76) Chrysene-d12	21.657	240	1881172	20.000	ng	0.00
86) Perylene-d12	25.057	264	2043442	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	1856351	75.560	ng	0.00
7) Phenol-d6	6.952	99	2501405	79.217	ng	0.00
23) Nitrobenzene-d5	8.922	82	2157744	78.240	ng	0.00
42) 2,4,6-Tribromophenol	15.916	330	938209	82.309	ng	0.00
45) 2-Fluorobiphenyl	13.016	172	4911554	73.785	ng	0.00
79) Terphenyl-d14	19.922	244	7133778	75.038	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.323	88	359722	37.325	ng	100
3) Pyridine	3.717	79	1004903	40.105	ng	100
4) n-Nitrosodimethylamine	3.623	42	330244	37.156	ng	100
6) Aniline	7.111	93	1138144	39.358	ng	100
8) 2-Chlorophenol	7.346	128	1001335	38.507	ng	100
9) Benzaldehyde	6.922	77	597740	41.462	ng	100
10) Phenol	6.975	94	1248029	39.305	ng	100
11) bis(2-Chloroethyl)ether	7.199	93	976195	39.033	ng	100
12) 1,3-Dichlorobenzene	7.664	146	1063428	37.225	ng	100
13) 1,4-Dichlorobenzene	7.811	146	1083221	37.495	ng	100
14) 1,2-Dichlorobenzene	8.122	146	1041511	37.564	ng	100
15) Benzyl Alcohol	8.011	79	798656	41.320	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.305	45	991099	40.824	ng	100
17) 2-Methylphenol	8.216	107	795971	41.136	ng	100
18) Hexachloroethane	8.846	117	389110	37.399	ng	100
19) n-Nitroso-di-n-propyla...	8.575	70	737233	43.423	ng	100
20) 3+4-Methylphenols	8.540	107	1098375	41.727	ng	100
22) Acetophenone	8.587	105	1525122	38.574	ng	100
24) Nitrobenzene	8.963	77	1049347	38.662	ng	100
25) Isophorone	9.487	82	1853580	41.100	ng	100
26) 2-Nitrophenol	9.669	139	525614	42.034	ng	100
27) 2,4-Dimethylphenol	9.734	122	661755	40.316	ng	100
28) bis(2-Chloroethoxy)met...	9.963	93	1285698	39.353	ng	100
29) 2,4-Dichlorophenol	10.205	162	912137	40.720	ng	100
30) 1,2,4-Trichlorobenzene	10.416	180	960872	37.439	ng	100
31) Naphthalene	10.605	128	3167478	38.287	ng	100
32) Benzoic acid	9.875	122	670600	44.564	ng	100
33) 4-Chloroaniline	10.710	127	1159633	39.789	ng	100
34) Hexachlorobutadiene	10.893	225	553609	37.241	ng	100
35) Caprolactam	11.499	113	299017	44.083	ng	100
36) 4-Chloro-3-methylphenol	11.840	107	966642	41.977	ng	100
37) 2-Methylnaphthalene	12.210	142	2167502	39.419	ng	100
38) 1-Methylnaphthalene	12.434	142	2071946	38.734	ng	100
40) 1,2,4,5-Tetrachloroben...	12.587	216	1039275	36.348	ng	100
41) Hexachlorocyclopentadiene	12.563	237	395145	37.139	ng	100
43) 2,4,6-Trichlorophenol	12.828	196	692810	39.731	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
 Data File : BP024164.D
 Acq On : 12 Mar 2025 19:00
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICCC040

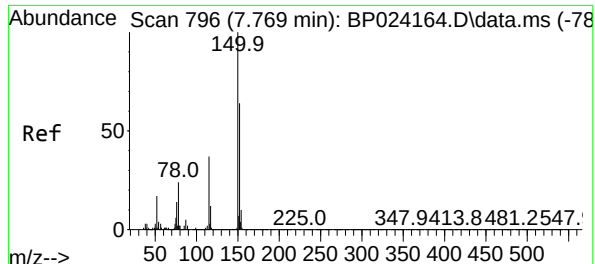
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 04:01:12 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.899	196	760360	39.872	ng	100
46) 1,1'-Biphenyl	13.228	154	2720465	37.621	ng	100
47) 2-Chloronaphthalene	13.269	162	2037284	37.269	ng	100
48) 2-Nitroaniline	13.475	65	543429	42.085	ng	100
49) Acenaphthylene	14.128	152	3091813	38.389	ng	100
50) Dimethylphthalate	13.857	163	2526732	38.493	ng	100
51) 2,6-Dinitrotoluene	13.975	165	546912	40.901	ng	100
52) Acenaphthene	14.469	154	1973969	38.061	ng	100
53) 3-Nitroaniline	14.310	138	599822	42.038	ng	100
54) 2,4-Dinitrophenol	14.522	184	297379	41.760	ng	100
55) Dibenzofuran	14.810	168	3184940	37.802	ng	100
56) 4-Nitrophenol	14.634	139	515335	41.811	ng	100
57) 2,4-Dinitrotoluene	14.775	165	732669	42.180	ng	100
58) Fluorene	15.469	166	2502924	38.039	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.040	232	662947	40.068	ng	100
60) Diethylphthalate	15.240	149	2527904	38.794	ng	100
61) 4-Chlorophenyl-phenyle...	15.463	204	1225168	37.829	ng	100
62) 4-Nitroaniline	15.487	138	638694	43.134	ng	100
63) Azobenzene	15.763	77	2401881	39.335	ng	100
65) 4,6-Dinitro-2-methylph...	15.551	198	412313	41.395	ng	100
66) n-Nitrosodiphenylamine	15.681	169	2063452	38.450	ng	100
67) 4-Bromophenyl-phenylether	16.375	248	745376	38.570	ng	100
68) Hexachlorobenzene	16.492	284	873989	38.435	ng	100
69) Atrazine	16.657	200	466258	33.855	ng	100
70) Pentachlorophenol	16.845	266	610729	41.352	ng	100
71) Phenanthrene	17.245	178	3727050	38.414	ng	100
72) Anthracene	17.339	178	3658135	39.344	ng	100
73) Carbazole	17.616	167	3584494	40.463	ng	100
74) Di-n-butylphthalate	18.210	149	4336969	41.958	ng	100
75) Fluoranthene	19.328	202	4349734	39.636	ng	100
77) Benzidine	19.522	184	968916	42.268	ng	100
78) Pyrene	19.704	202	4529960	37.911	ng	100
80) Butylbenzylphthalate	20.651	149	1972887	43.087	ng	100
81) Benzo(a)anthracene	21.633	228	4546432	38.542	ng	100
82) 3,3'-Dichlorobenzidine	21.551	252	1610565	43.694	ng	100
83) Chrysene	21.704	228	4356257	38.298	ng	100
84) Bis(2-ethylhexyl)phtha...	21.569	149	2980735	42.929	ng	100
85) Di-n-octyl phthalate	22.869	149	4786749	43.129	ng	100
87) Indeno(1,2,3-cd)pyrene	28.927	276	5583803	38.410	ng	100
88) Benzo(b)fluoranthene	23.980	252	4864855	37.490	ng	100
89) Benzo(k)fluoranthene	24.051	252	4618537	36.566	ng	100
90) Benzo(a)pyrene	24.892	252	4204610	38.180	ng	100
91) Dibenzo(a,h)anthracene	29.009	278	4646524	38.014	ng	100
92) Benzo(g,h,i)perylene	30.127	276	4714749	38.011	ng	100

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

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

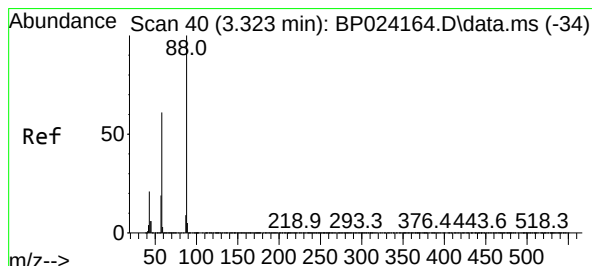
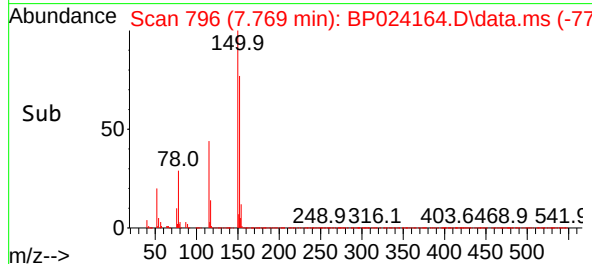
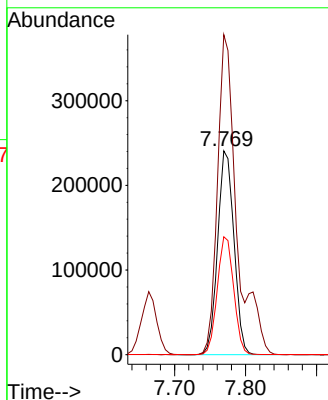
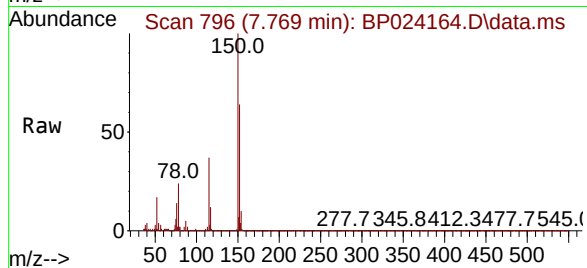
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 796
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

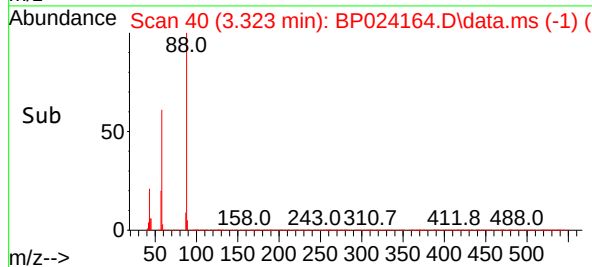
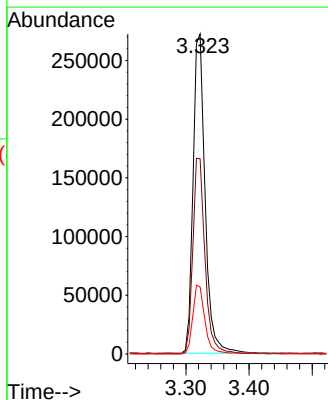
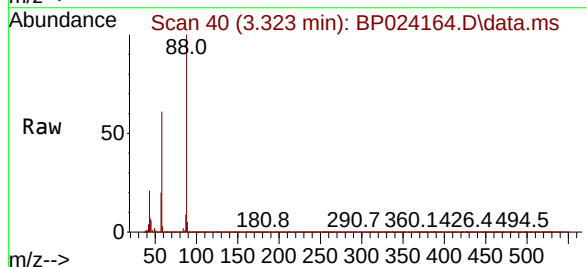
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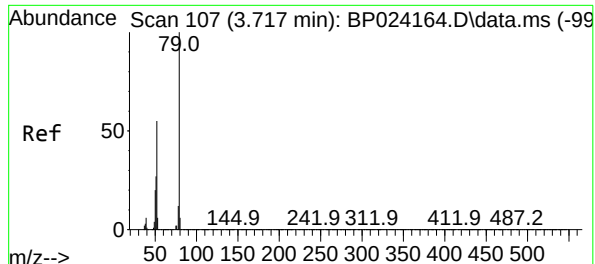
Tgt Ion:152 Resp: 383350
Ion Ratio Lower Upper
152 100
150 156.9 125.5 188.3
115 57.9 46.3 69.5



#2
1,4-Dioxane
Concen: 37.325 ng
RT: 3.323 min Scan# 40
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion: 88 Resp: 359722
Ion Ratio Lower Upper
88 100
58 62.2 49.8 74.6
43 21.6 17.3 25.9

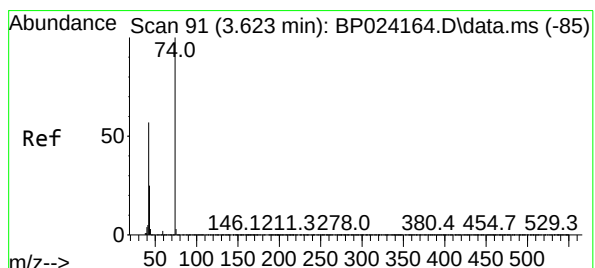
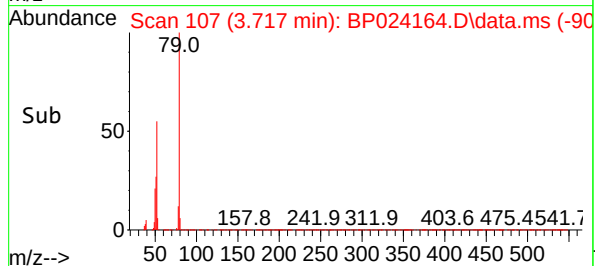
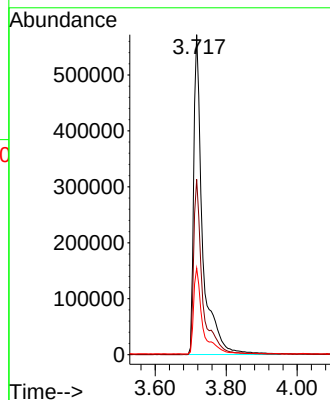
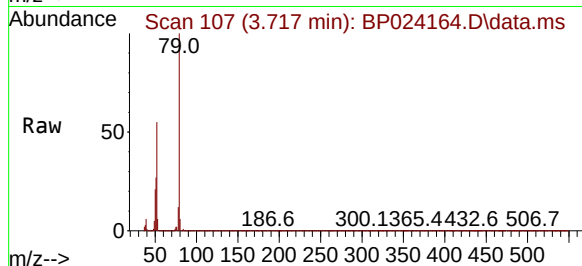




#3
Pyridine
Concen: 40.105 ng
RT: 3.717 min Scan# 107
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

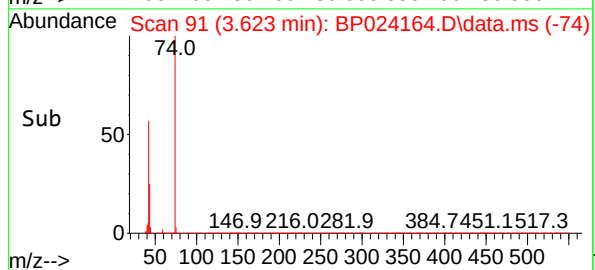
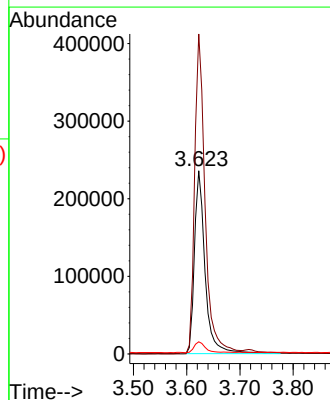
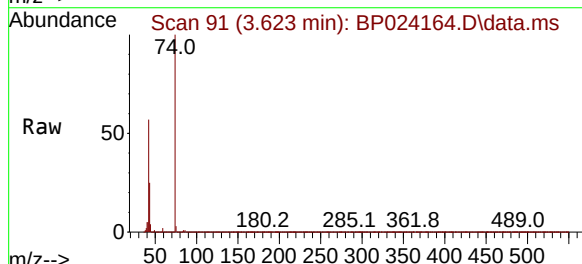
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ClientSampleId :
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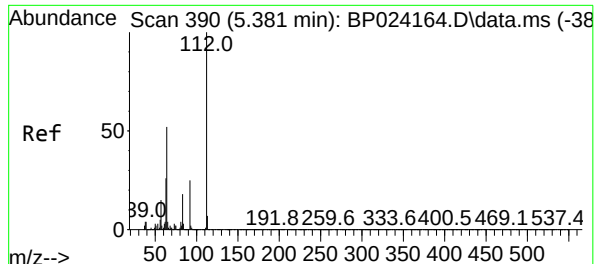
Tgt Ion: 79 Resp: 1004903
Ion Ratio Lower Upper
79 100
52 54.8 43.8 65.8
51 27.0 21.6 32.4



#4
n-Nitrosodimethylamine
Concen: 37.156 ng
RT: 3.623 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion: 42 Resp: 330244
Ion Ratio Lower Upper
42 100
74 174.7 139.8 209.6
44 6.6 5.3 7.9

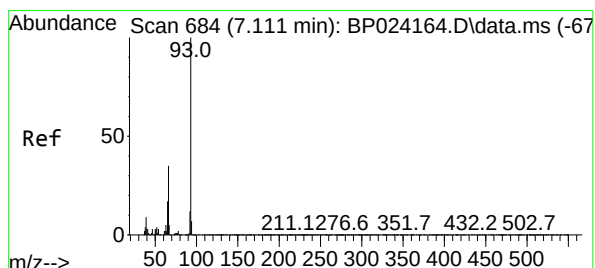
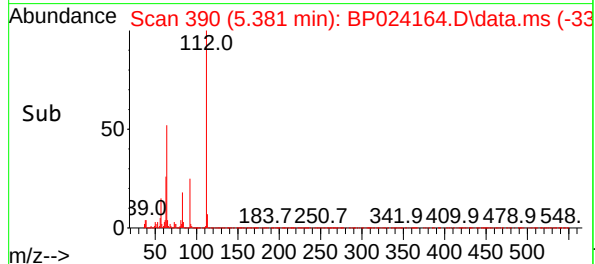
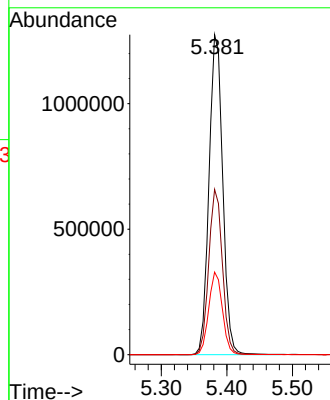
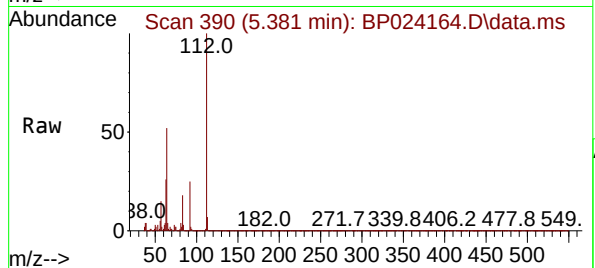




#5
2-Fluorophenol
Concen: 75.560 ng
RT: 5.381 min Scan# 390
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

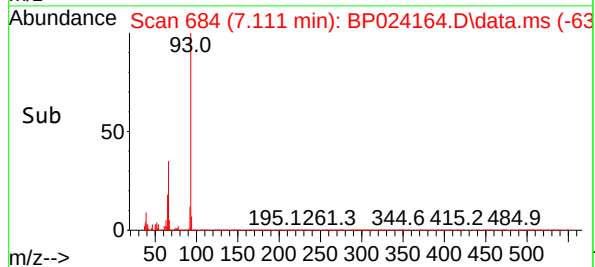
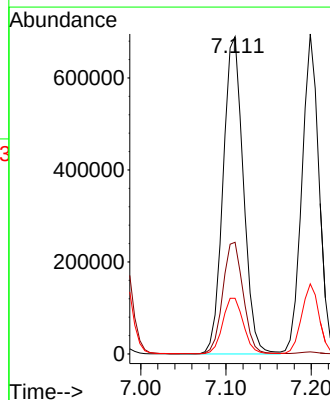
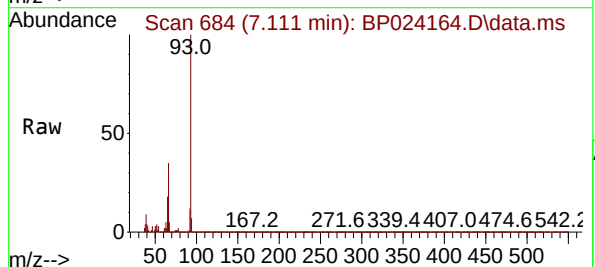
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

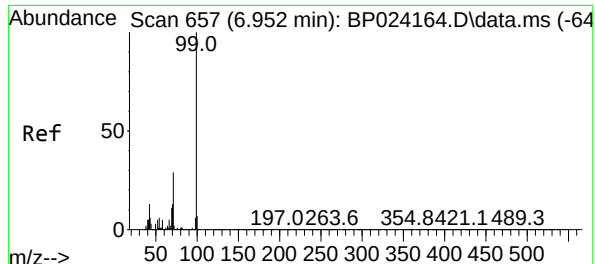
Tgt Ion:112 Resp: 1856351
Ion Ratio Lower Upper
112 100
64 51.6 41.3 61.9
63 25.8 20.6 31.0



#6
Aniline
Concen: 39.358 ng
RT: 7.111 min Scan# 684
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion: 93 Resp: 1138144
Ion Ratio Lower Upper
93 100
66 35.2 28.2 42.2
65 17.5 14.0 21.0





#7

Phenol-d6

Concen: 79.217 ng

RT: 6.952 min Scan# 657

Delta R.T. 0.000 min

Lab File: BP024164.D

Acq: 12 Mar 2025 19:00

Instrument :

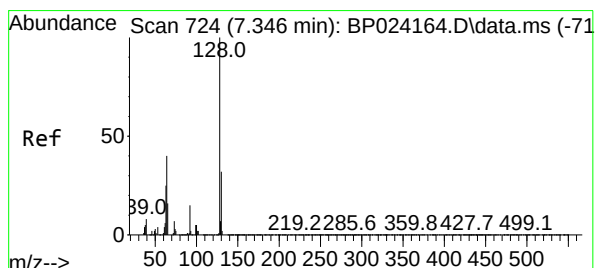
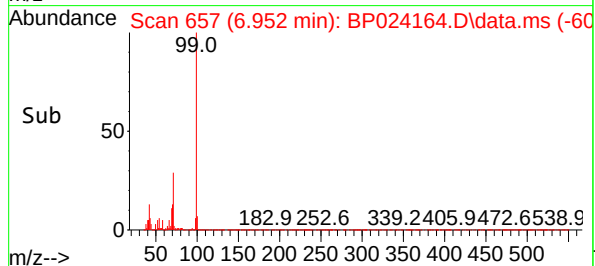
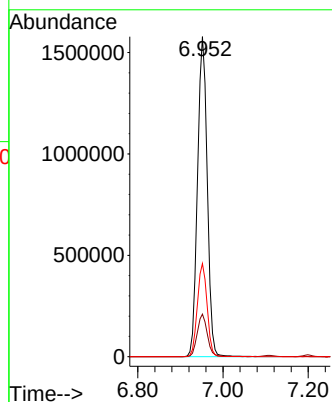
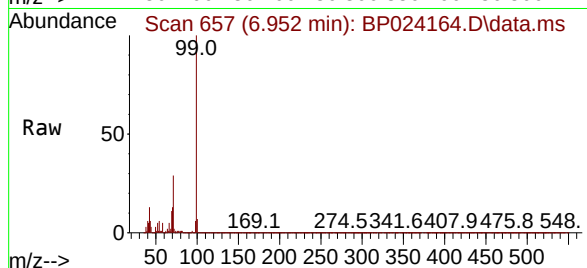
BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion: 99 Resp: 2501405

Ion	Ratio	Lower	Upper
99	100		
42	13.3	10.6	16.0
71	29.1	23.3	34.9



#8

2-Chlorophenol

Concen: 38.507 ng

RT: 7.346 min Scan# 724

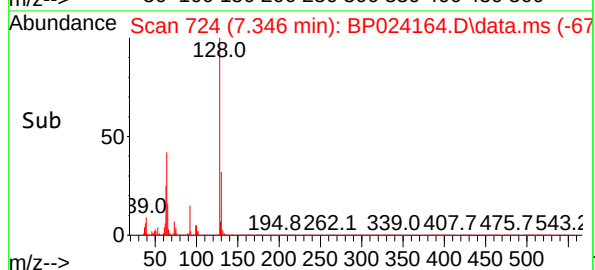
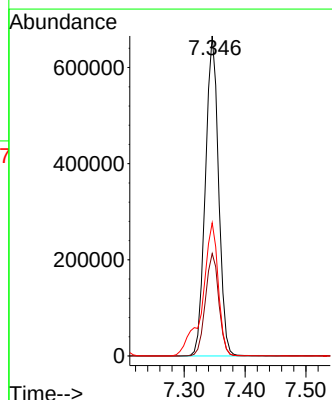
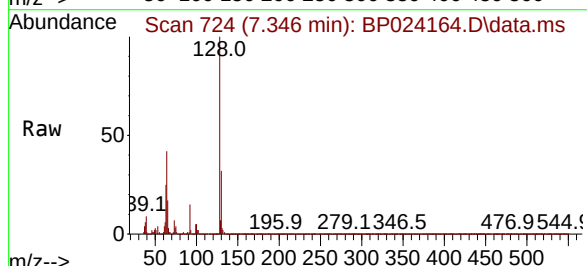
Delta R.T. 0.000 min

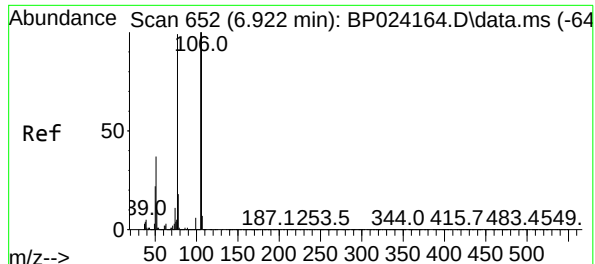
Lab File: BP024164.D

Acq: 12 Mar 2025 19:00

Tgt Ion: 128 Resp: 1001335

Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.0	52.0
64	41.6	21.6	61.6

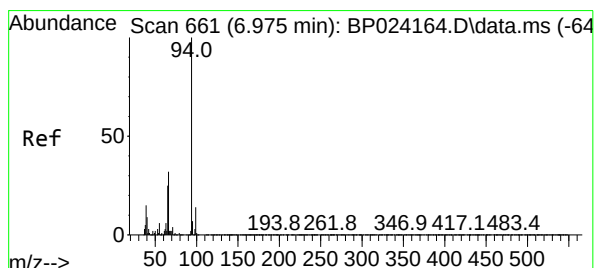
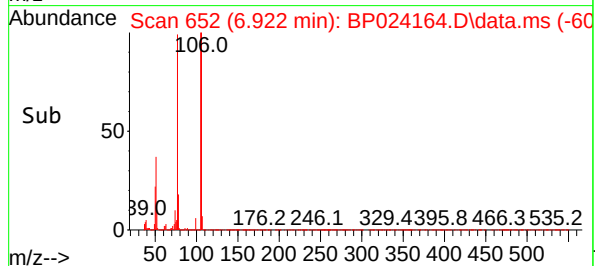
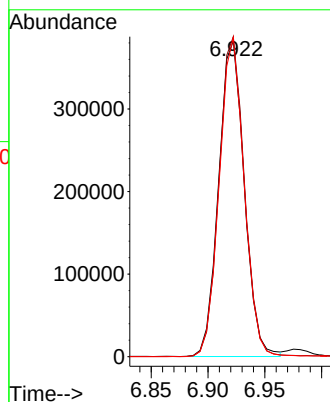
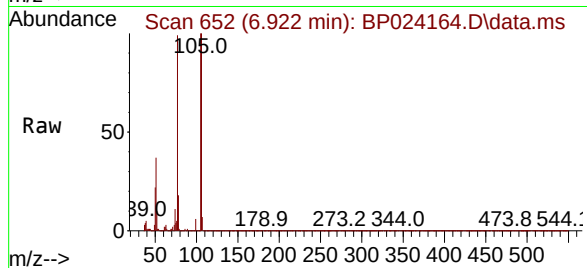




#9
Benzaldehyde
Concen: 41.462 ng
RT: 6.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

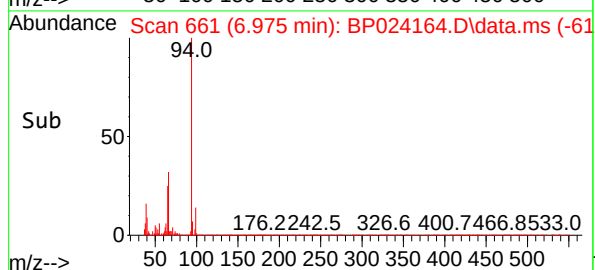
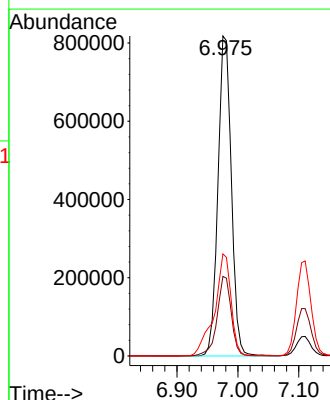
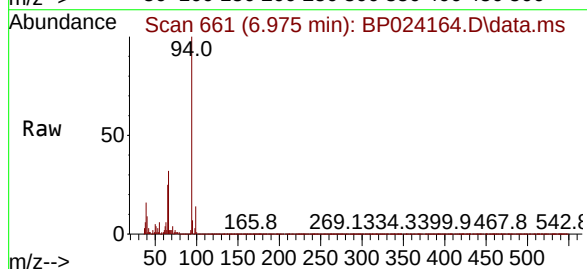
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

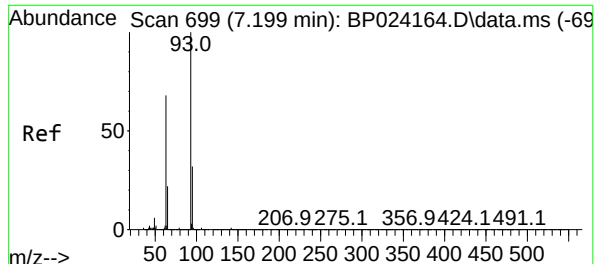
Tgt Ion: 77 Resp: 597740
Ion Ratio Lower Upper
77 100
105 101.4 81.4 121.4
106 101.1 81.1 121.1



#10
Phenol
Concen: 39.305 ng
RT: 6.975 min Scan# 661
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion: 94 Resp: 1248029
Ion Ratio Lower Upper
94 100
65 24.9 4.9 44.9
66 31.9 11.9 51.9





#11

bis(2-Chloroethyl)ether

Concen: 39.033 ng

RT: 7.199 min Scan# 699

Delta R.T. 0.000 min

Lab File: BP024164.D

Acq: 12 Mar 2025 19:00

Instrument :

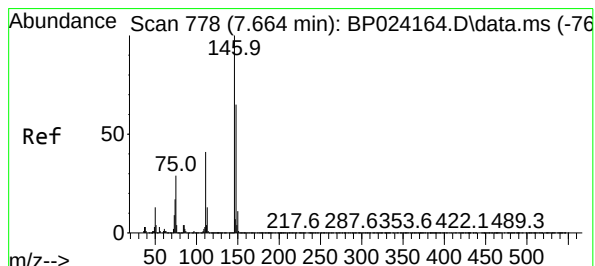
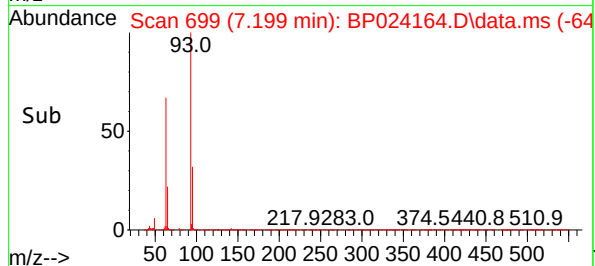
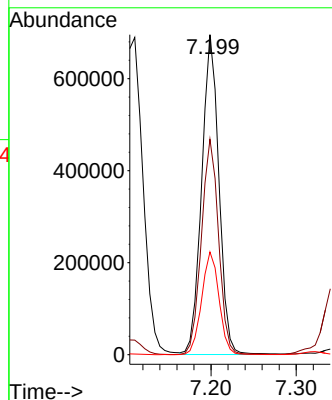
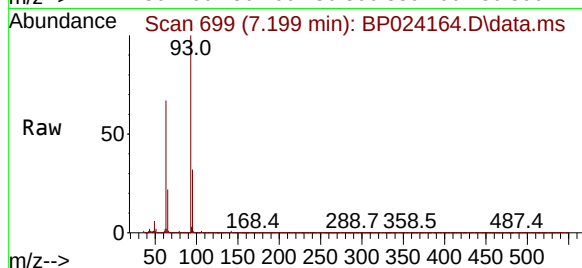
BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion: 93 Resp: 976195

Ion	Ratio	Lower	Upper
93	100		
63	67.4	47.4	87.4
95	32.1	12.1	52.1



#12

1,3-Dichlorobenzene

Concen: 37.225 ng

RT: 7.664 min Scan# 778

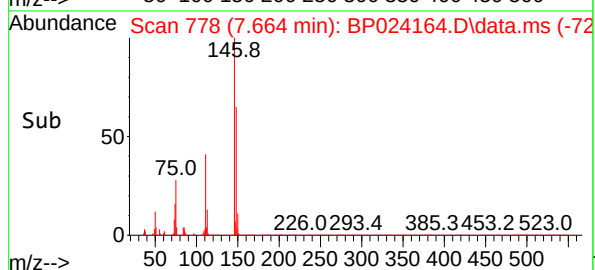
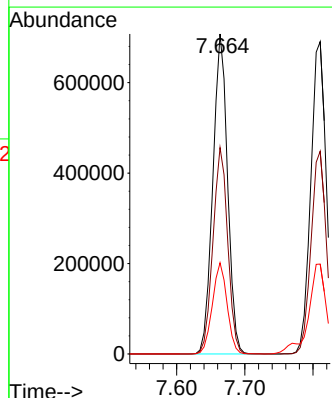
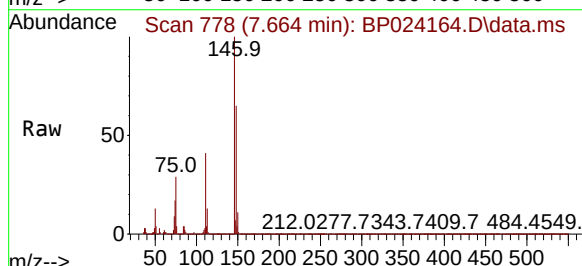
Delta R.T. 0.000 min

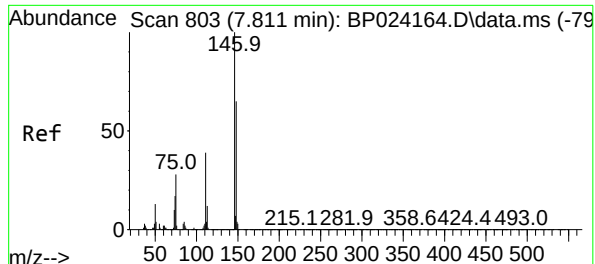
Lab File: BP024164.D

Acq: 12 Mar 2025 19:00

Tgt Ion: 146 Resp: 1063428

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.6	77.4
75	28.5	22.8	34.2





#13

1,4-Dichlorobenzene

Concen: 37.495 ng

RT: 7.811 min Scan# 803

Delta R.T. 0.000 min

Lab File: BP024164.D

Acq: 12 Mar 2025 19:00

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

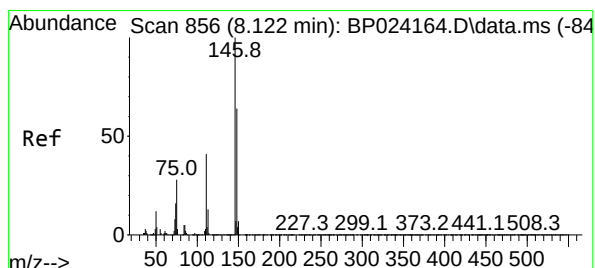
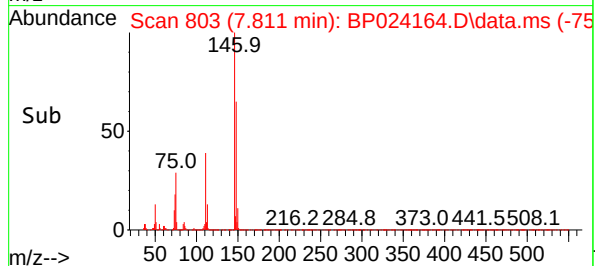
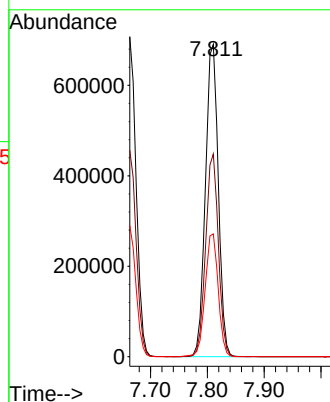
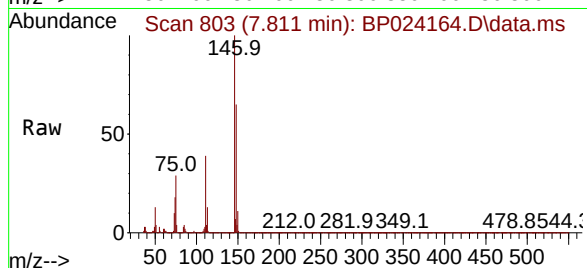
Tgt Ion:146 Resp: 1083221

Ion Ratio Lower Upper

146 100

148 64.9 51.9 77.9

111 39.3 31.4 47.2



#14

1,2-Dichlorobenzene

Concen: 37.564 ng

RT: 8.122 min Scan# 856

Delta R.T. 0.000 min

Lab File: BP024164.D

Acq: 12 Mar 2025 19:00

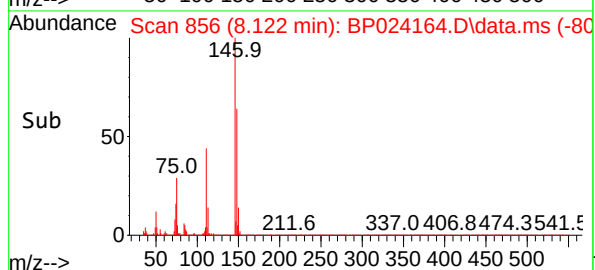
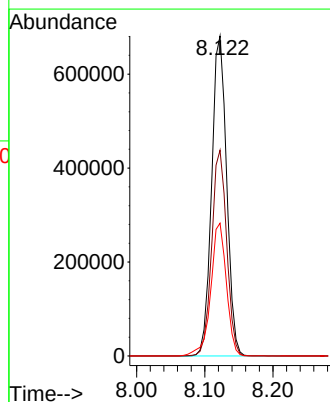
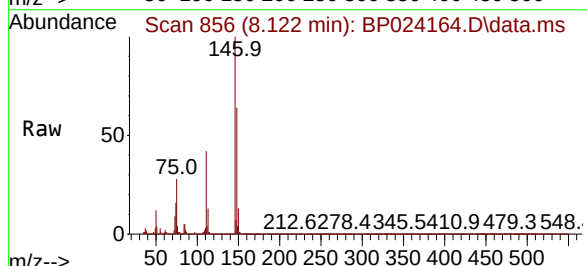
Tgt Ion:146 Resp: 1041511

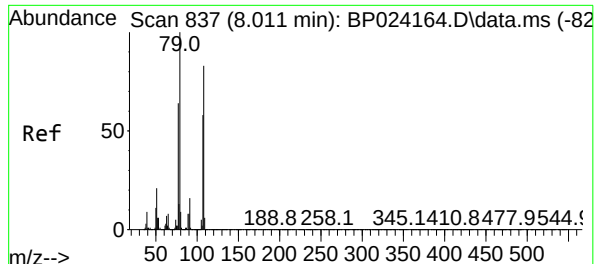
Ion Ratio Lower Upper

146 100

148 64.3 51.4 77.2

111 41.5 33.2 49.8

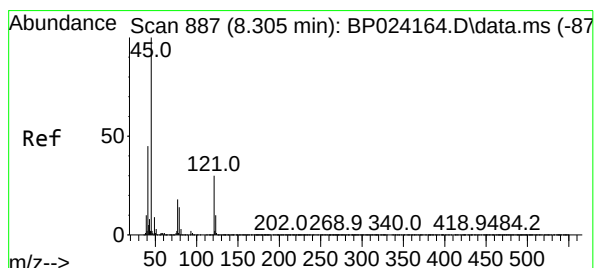
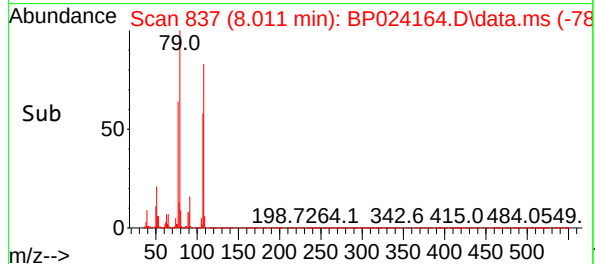
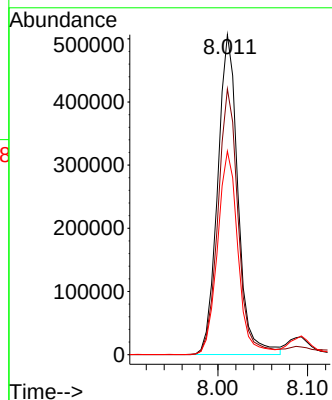
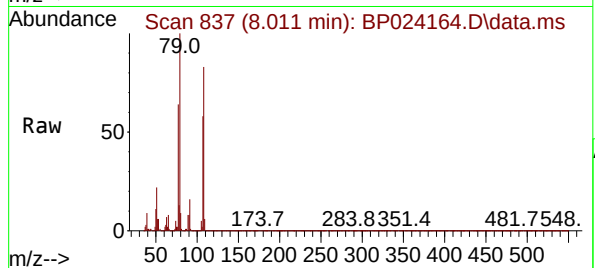




#15
Benzyl Alcohol
Concen: 41.320 ng
RT: 8.011 min Scan# 837
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

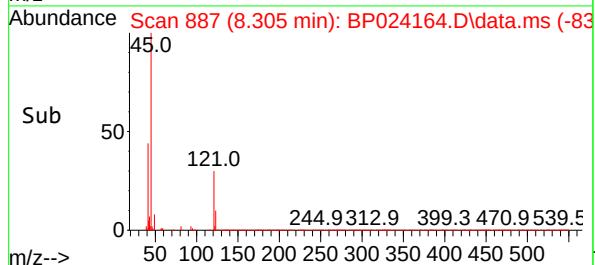
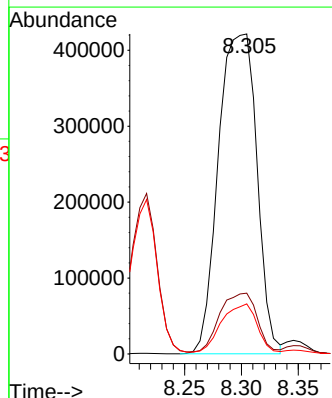
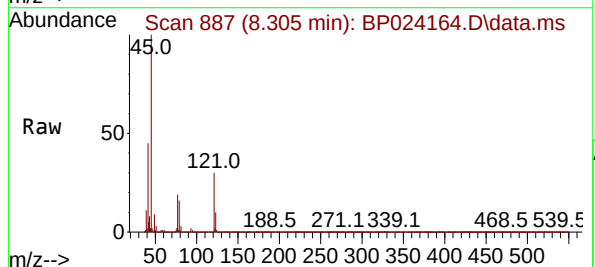
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

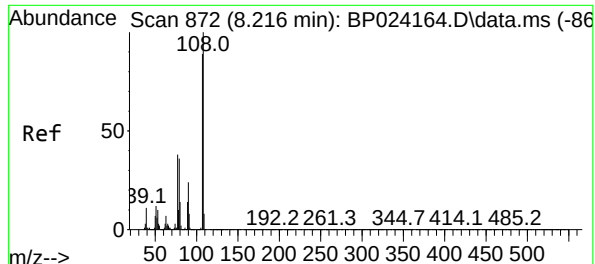
Tgt Ion: 79 Resp: 798656
Ion Ratio Lower Upper
79 100
108 83.1 66.5 99.7
77 63.6 50.9 76.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.824 ng
RT: 8.305 min Scan# 887
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion: 45 Resp: 991099
Ion Ratio Lower Upper
45 100
77 19.0 0.0 39.0
79 15.6 0.0 35.6





#17

2-Methylphenol

Concen: 41.136 ng

RT: 8.216 min Scan# 81

Delta R.T. 0.000 min

Lab File: BP024164.D

Acq: 12 Mar 2025 19:00

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:107 Resp: 795971

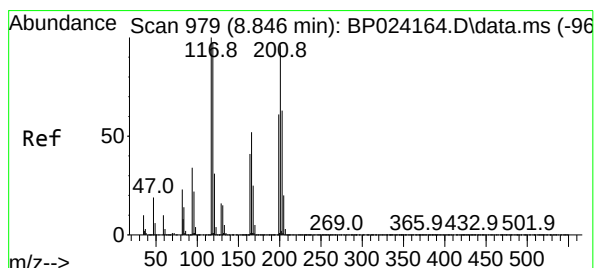
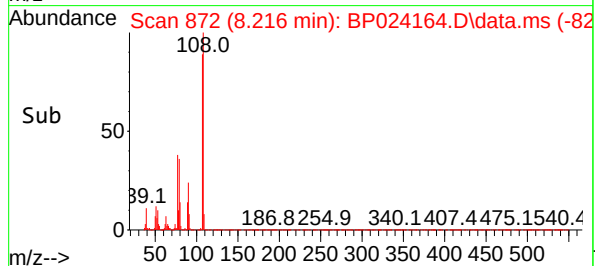
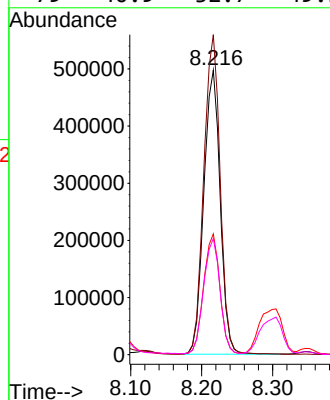
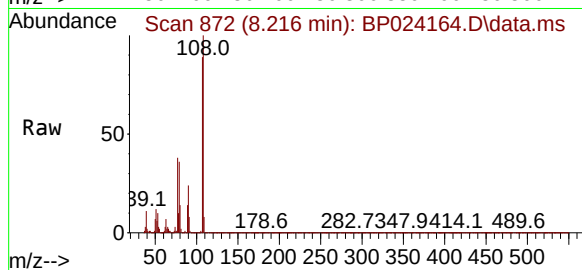
Ion Ratio Lower Upper

107 100

108 112.5 90.0 135.0

77 42.5 34.0 51.0

79 40.9 32.7 49.1



#18

Hexachloroethane

Concen: 37.399 ng

RT: 8.846 min Scan# 979

Delta R.T. 0.000 min

Lab File: BP024164.D

Acq: 12 Mar 2025 19:00

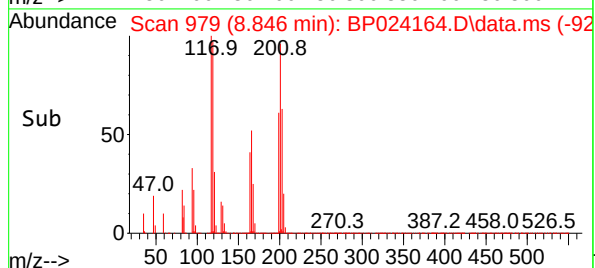
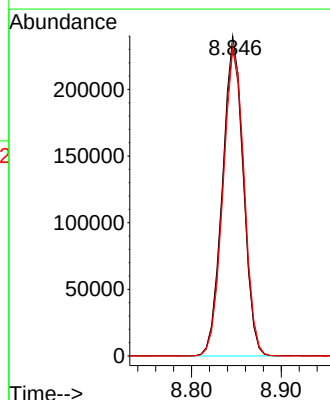
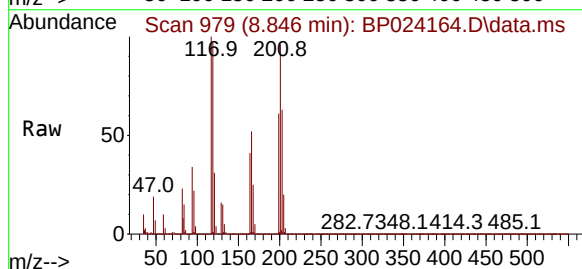
Tgt Ion:117 Resp: 389110

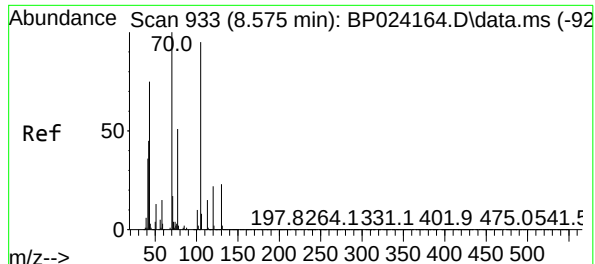
Ion Ratio Lower Upper

117 100

119 96.7 77.4 116.0

201 95.7 76.6 114.8





#19

n-Nitroso-di-n-propylamine

Concen: 43.423 ng

RT: 8.575 min Scan# 91

Delta R.T. 0.000 min

Lab File: BP024164.D

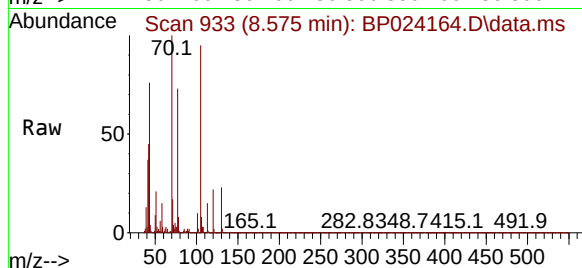
Acq: 12 Mar 2025 19:00

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040



Tgt Ion: 70 Resp: 737233

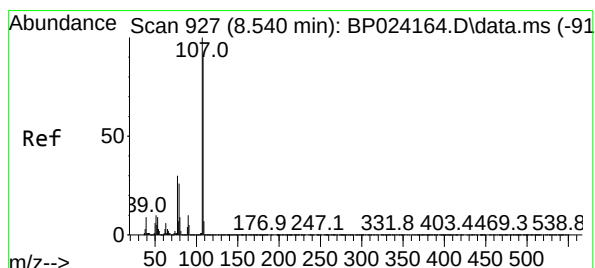
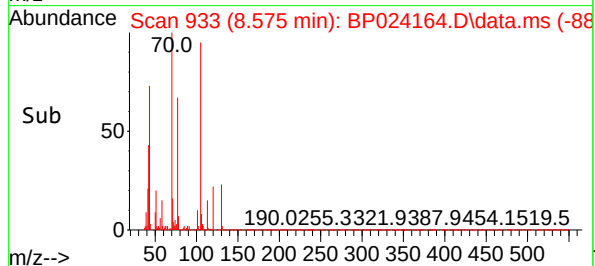
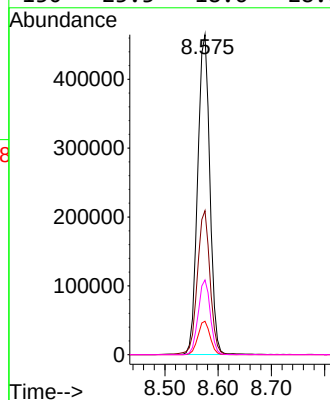
Ion Ratio Lower Upper

70 100

42 45.0 36.0 54.0

101 10.4 8.3 12.5

130 23.3 18.6 28.0



#20

3+4-Methylphenols

Concen: 41.727 ng

RT: 8.540 min Scan# 927

Delta R.T. 0.000 min

Lab File: BP024164.D

Acq: 12 Mar 2025 19:00

Tgt Ion: 107 Resp: 1098375

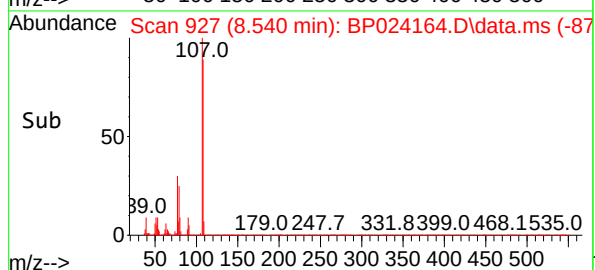
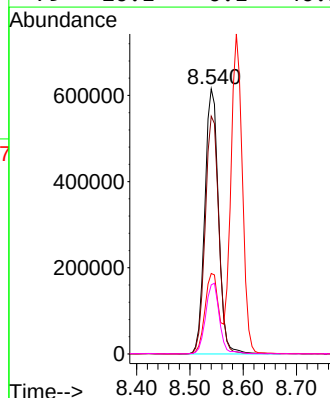
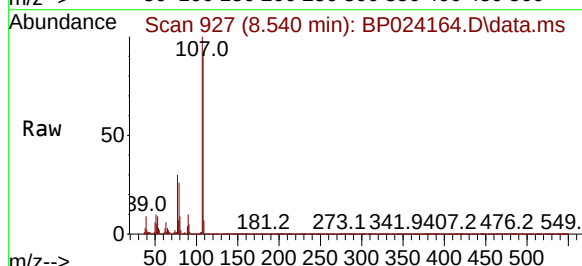
Ion Ratio Lower Upper

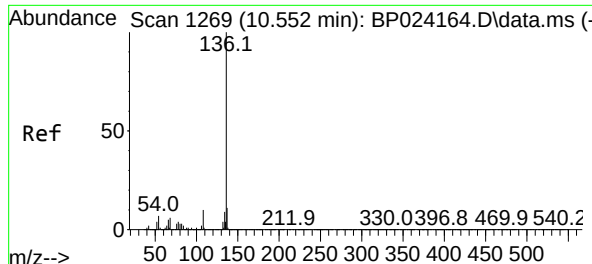
107 100

108 89.7 69.7 109.7

77 30.3 10.3 50.3

79 26.1 6.1 46.1

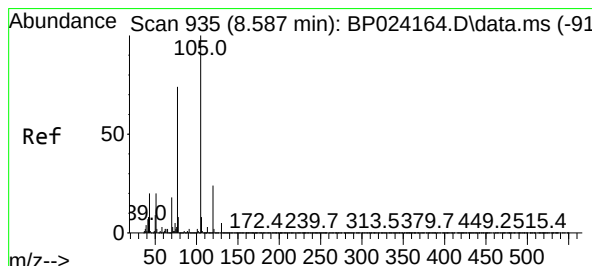
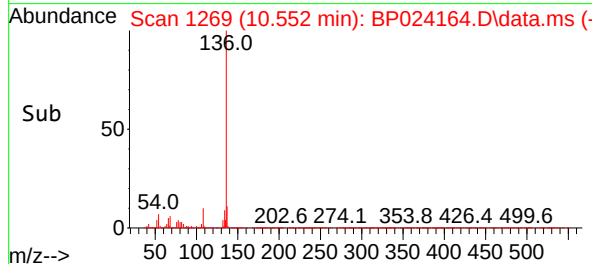
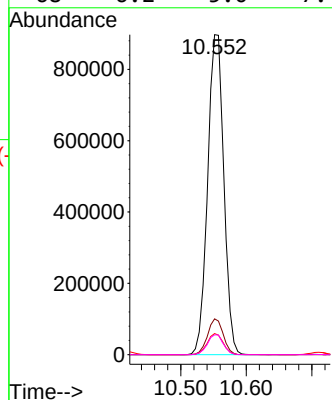
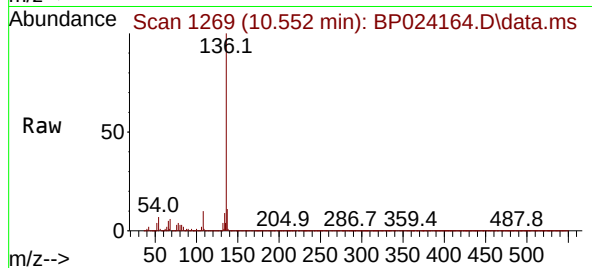




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.552 min Scan# 1269
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

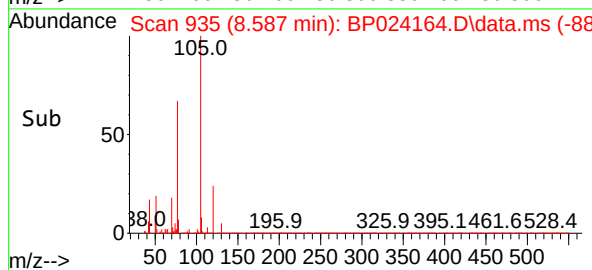
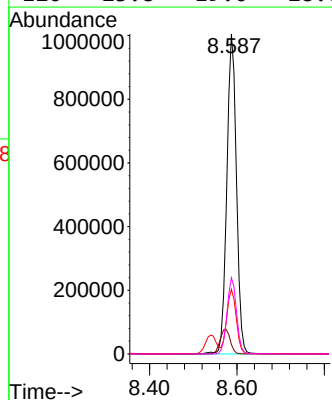
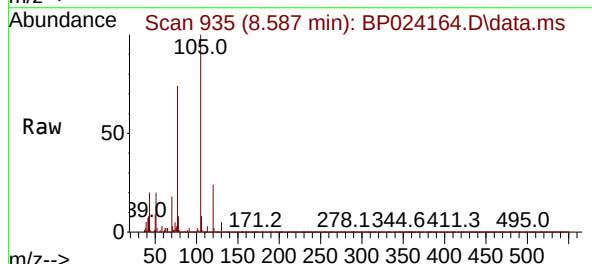
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

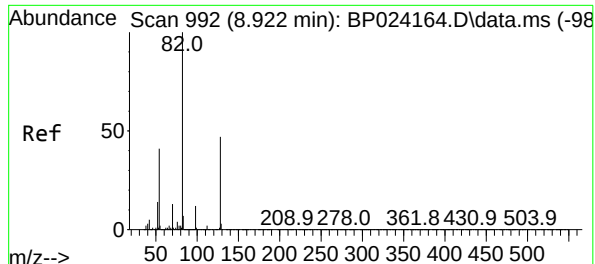
Tgt Ion:136 Resp: 1538579
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 6.6 5.3 7.9
68 6.2 5.0 7.4



#22
Acetophenone
Concen: 38.574 ng
RT: 8.587 min Scan# 935
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion:105 Resp: 1525122
Ion Ratio Lower Upper
105 100
71 3.0 2.4 3.6
51 20.2 16.2 24.2
120 23.8 19.0 28.6





#23

Nitrobenzene-d5

Concen: 78.240 ng

RT: 8.922 min Scan# 992

Delta R.T. 0.000 min

Lab File: BP024164.D

Acq: 12 Mar 2025 19:00

Instrument :

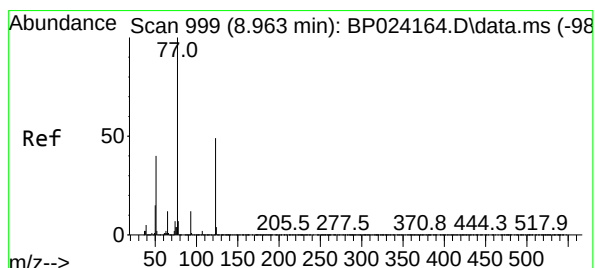
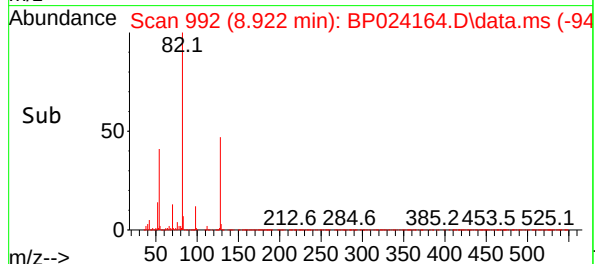
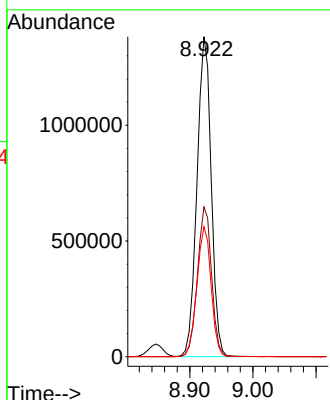
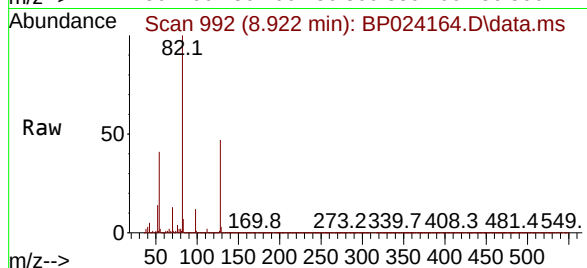
BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion: 82 Resp: 2157744

Ion	Ratio	Lower	Upper
82	100		
128	46.7	37.4	56.0
54	40.6	32.5	48.7



#24

Nitrobenzene

Concen: 38.662 ng

RT: 8.963 min Scan# 999

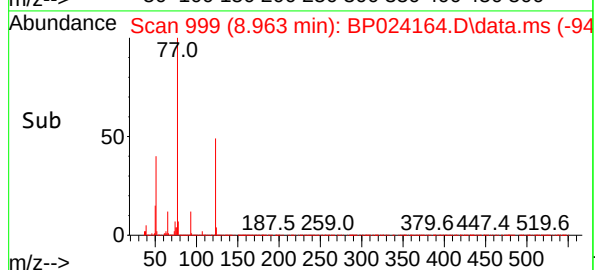
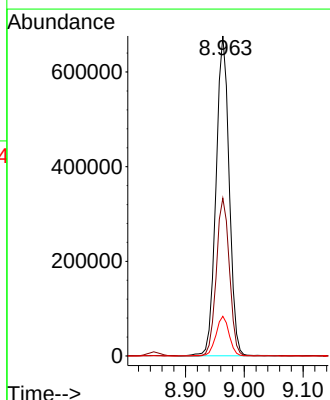
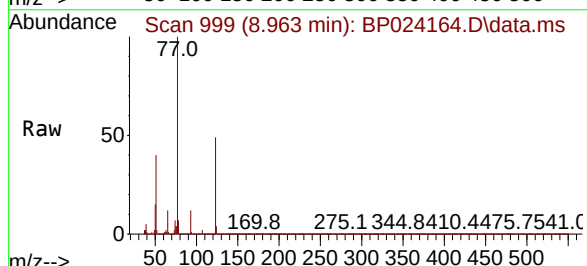
Delta R.T. 0.000 min

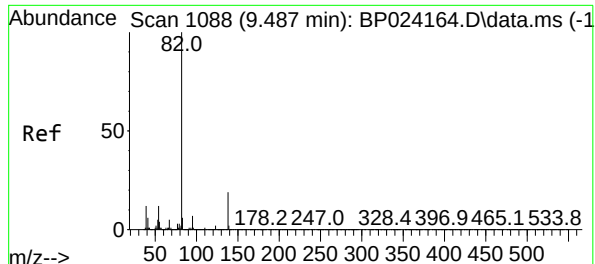
Lab File: BP024164.D

Acq: 12 Mar 2025 19:00

Tgt Ion: 77 Resp: 1049347

Ion	Ratio	Lower	Upper
77	100		
123	49.3	39.4	59.2
65	12.4	9.9	14.9

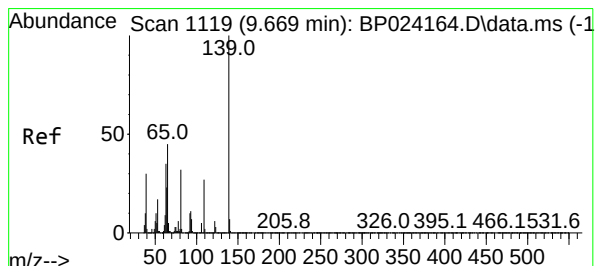
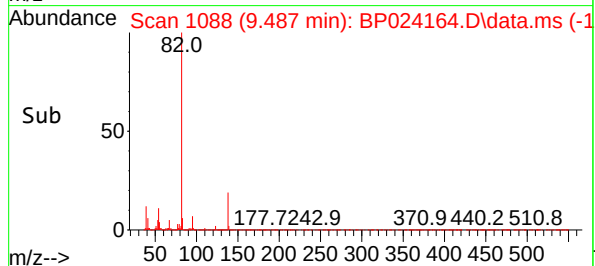
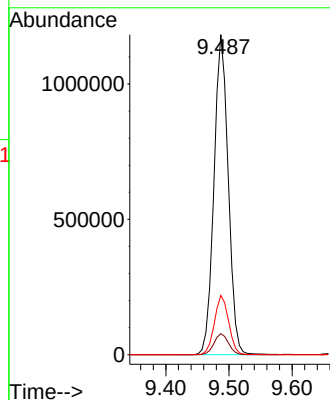
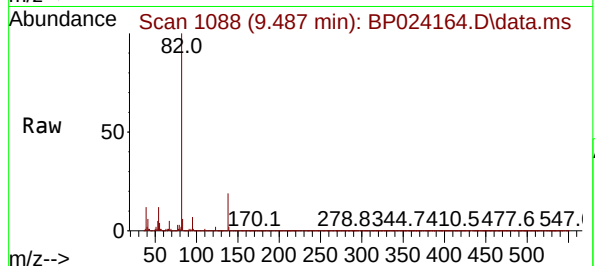




#25
Isophorone
Concen: 41.100 ng
RT: 9.487 min Scan# 1088
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

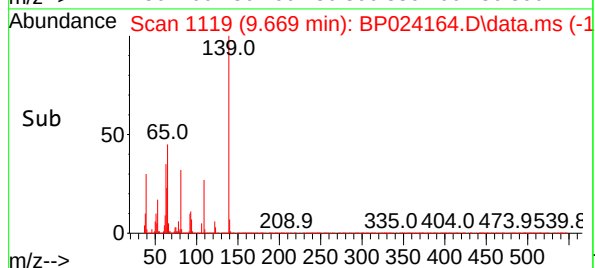
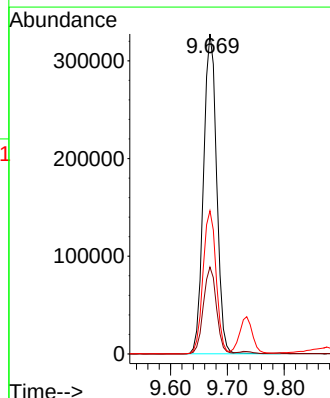
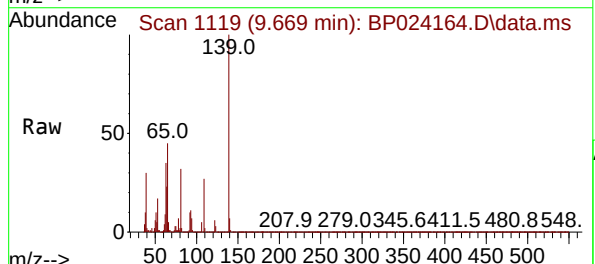
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

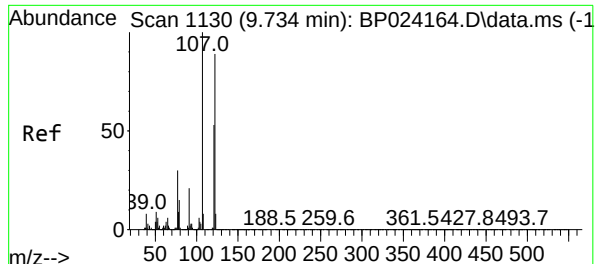
Tgt Ion: 82 Resp: 1853580
Ion Ratio Lower Upper
82 100
95 6.6 5.3 7.9
138 18.5 14.8 22.2



#26
2-Nitrophenol
Concen: 42.034 ng
RT: 9.669 min Scan# 1119
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion: 139 Resp: 525614
Ion Ratio Lower Upper
139 100
109 27.1 21.7 32.5
65 44.8 35.8 53.8





#27

2,4-Dimethylphenol

Concen: 40.316 ng

RT: 9.734 min Scan# 1130

Delta R.T. 0.000 min

Lab File: BP024164.D

Acq: 12 Mar 2025 19:00

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

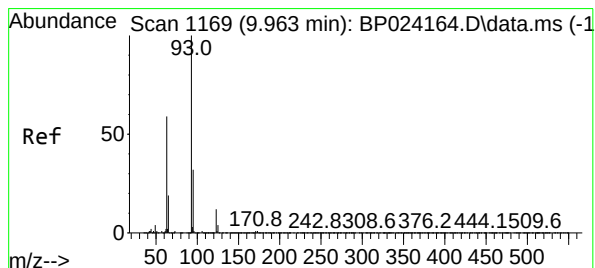
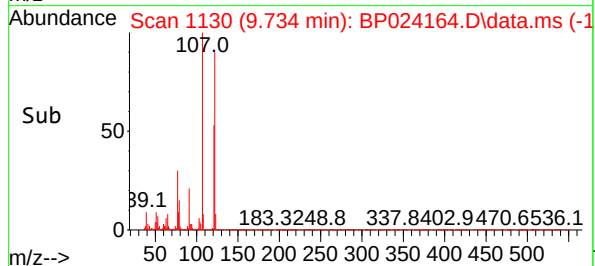
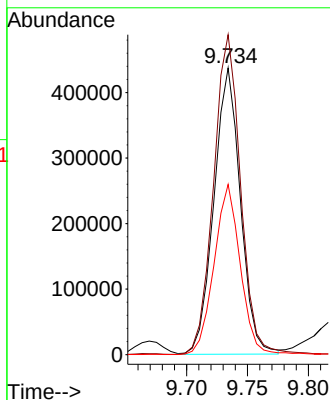
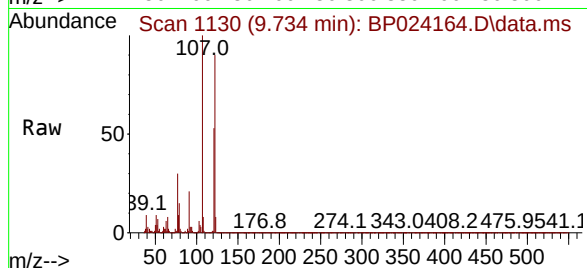
Tgt Ion:122 Resp: 661755

Ion Ratio Lower Upper

122 100

107 111.6 89.3 133.9

121 59.4 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 39.353 ng

RT: 9.963 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BP024164.D

Acq: 12 Mar 2025 19:00

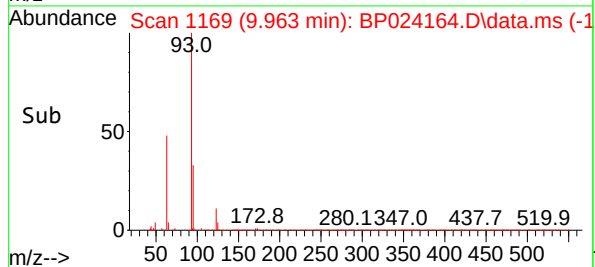
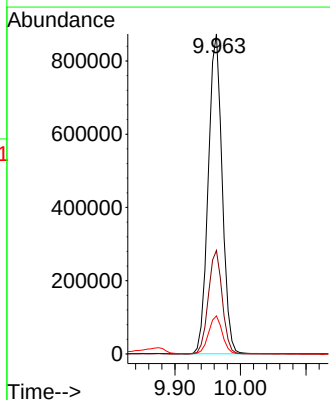
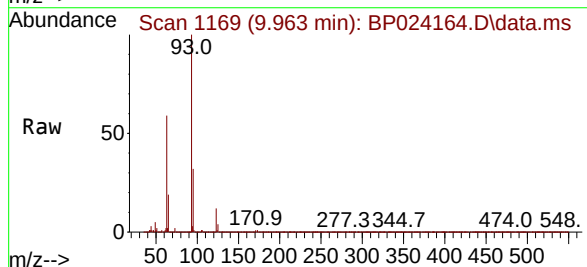
Tgt Ion: 93 Resp: 1285698

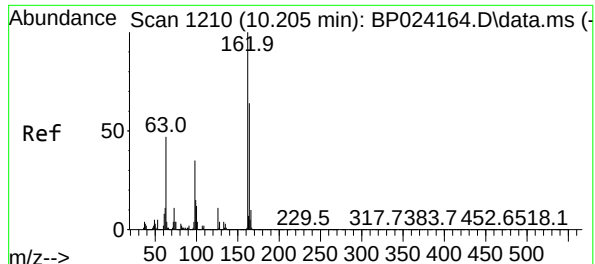
Ion Ratio Lower Upper

93 100

95 32.4 25.9 38.9

123 11.9 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 40.720 ng

RT: 10.205 min Scan# 1210

Delta R.T. 0.000 min

Lab File: BP024164.D

Acq: 12 Mar 2025 19:00

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

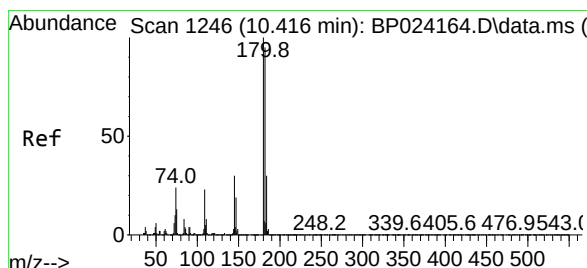
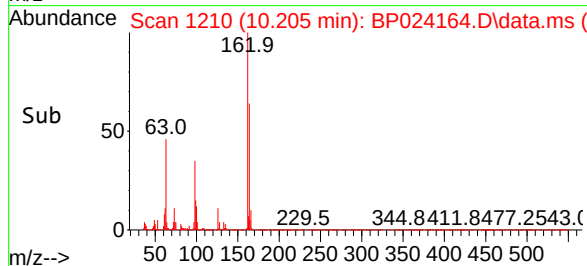
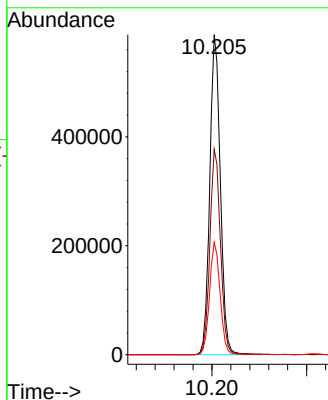
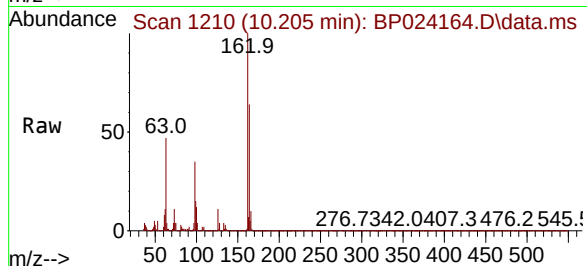
Tgt Ion:162 Resp: 912137

Ion Ratio Lower Upper

162 100

164 64.2 44.2 84.2

98 35.1 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 37.439 ng

RT: 10.416 min Scan# 1246

Delta R.T. 0.000 min

Lab File: BP024164.D

Acq: 12 Mar 2025 19:00

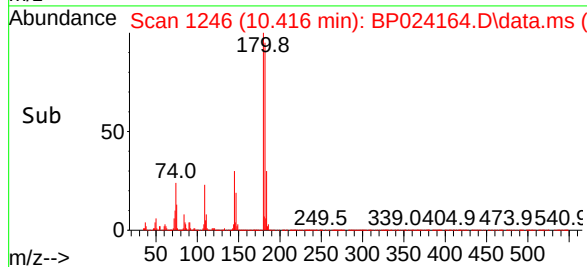
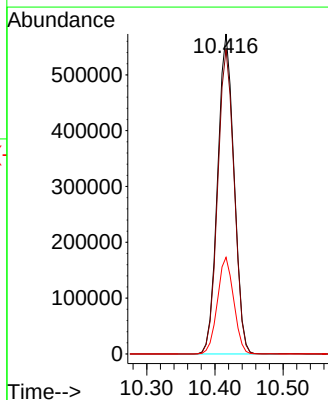
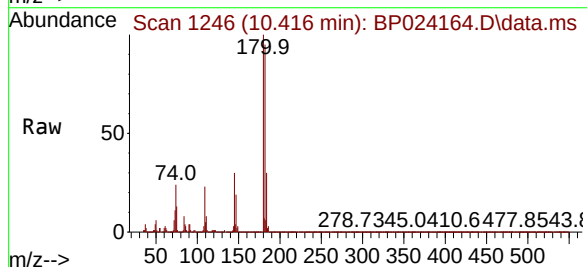
Tgt Ion:180 Resp: 960872

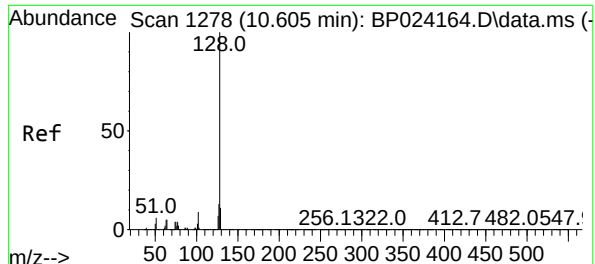
Ion Ratio Lower Upper

180 100

182 95.1 76.1 114.1

145 30.2 24.2 36.2

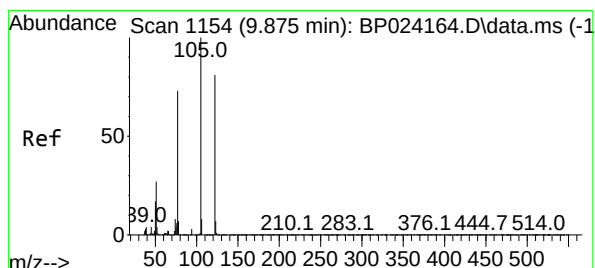
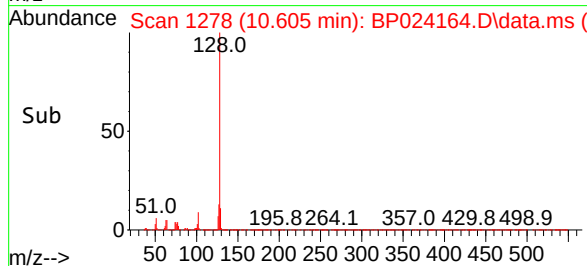
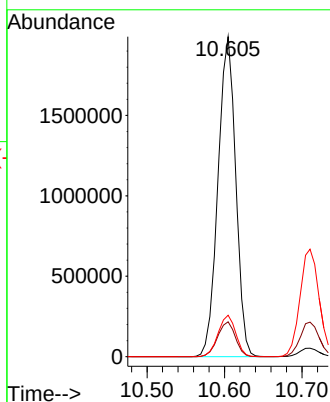
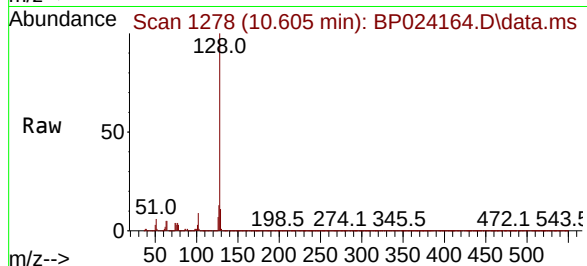




#31
Naphthalene
Concen: 38.287 ng
RT: 10.605 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

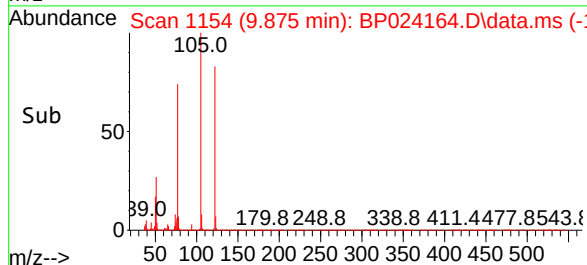
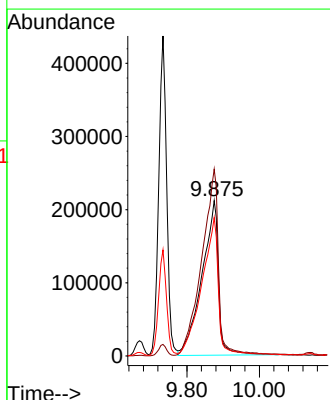
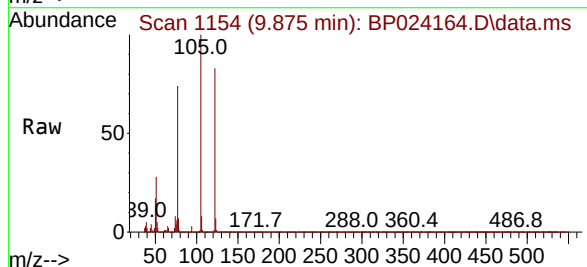
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

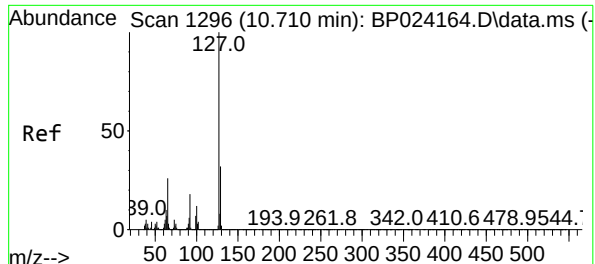
Tgt Ion:128 Resp: 3167478
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 44.564 ng
RT: 9.875 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion:122 Resp: 670600
Ion Ratio Lower Upper
122 100
105 120.3 100.3 140.3
77 89.1 69.1 109.1



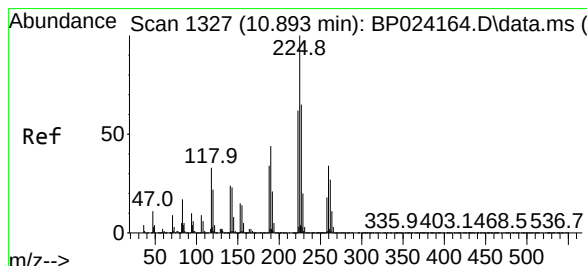
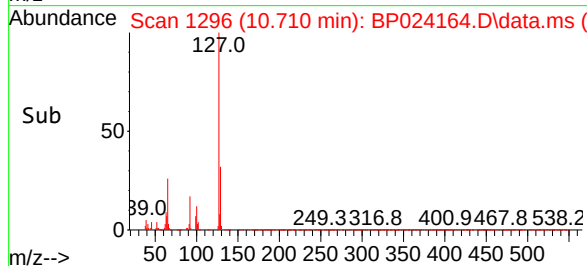
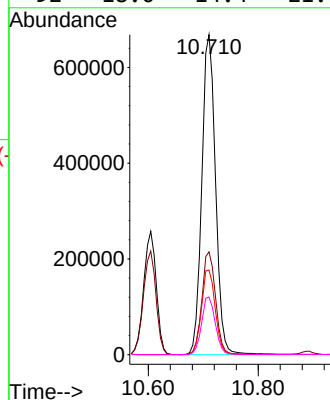
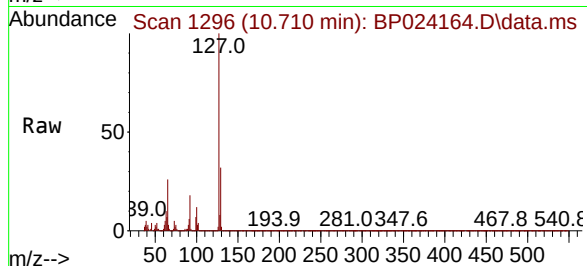


#33
4-Chloroaniline
Concen: 39.789 ng
RT: 10.710 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:127 Resp: 1159633

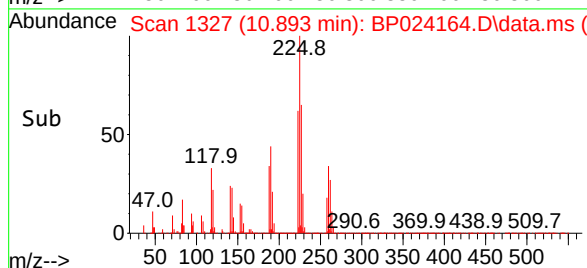
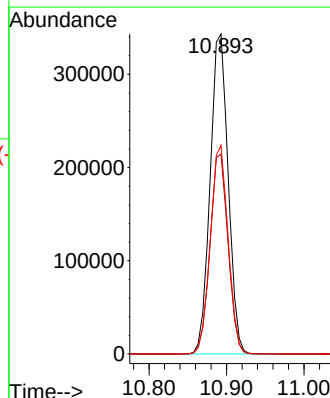
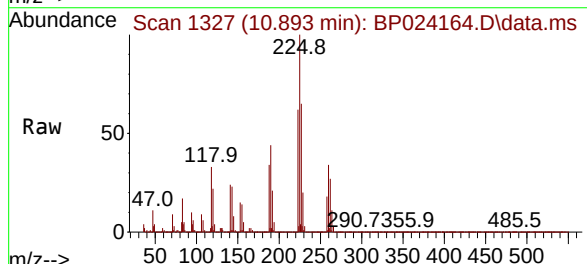
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.8	38.6
65	26.5	21.2	31.8
92	18.0	14.4	21.6

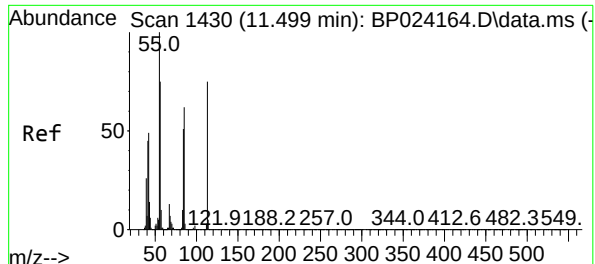


#34
Hexachlorobutadiene
Concen: 37.241 ng
RT: 10.893 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion:225 Resp: 553609

Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.9	74.9
227	65.2	52.2	78.2





#35

Caprolactam

Concen: 44.083 ng

RT: 11.499 min Scan# 1430

Delta R.T. 0.000 min

Lab File: BP024164.D

Acq: 12 Mar 2025 19:00

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

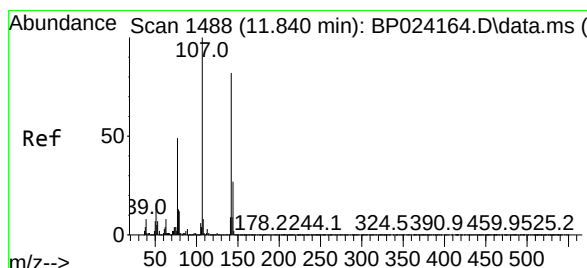
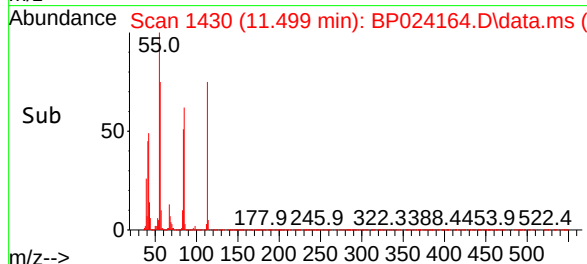
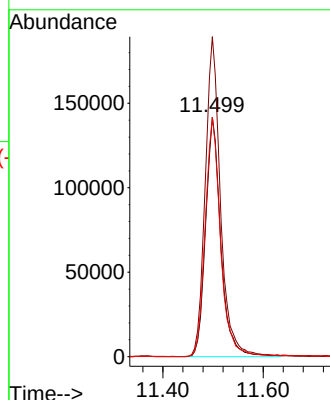
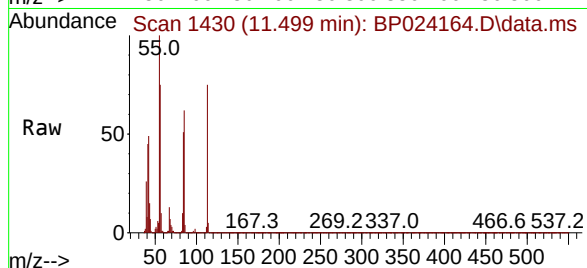
Tgt Ion:113 Resp: 299017

Ion Ratio Lower Upper

113 100

55 133.6 113.6 153.6

56 100.0 80.0 120.0



#36

4-Chloro-3-methylphenol

Concen: 41.977 ng

RT: 11.840 min Scan# 1488

Delta R.T. 0.000 min

Lab File: BP024164.D

Acq: 12 Mar 2025 19:00

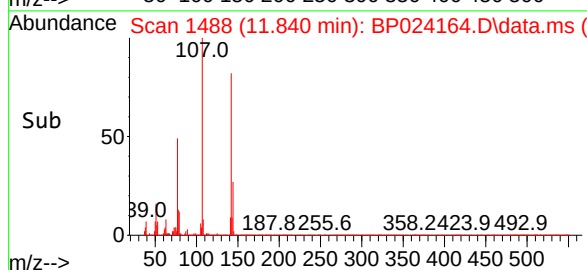
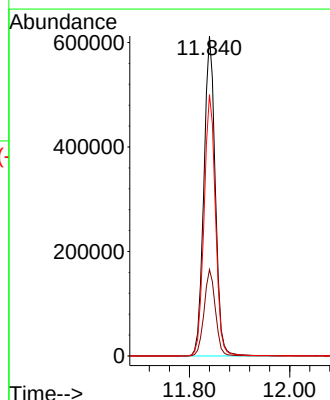
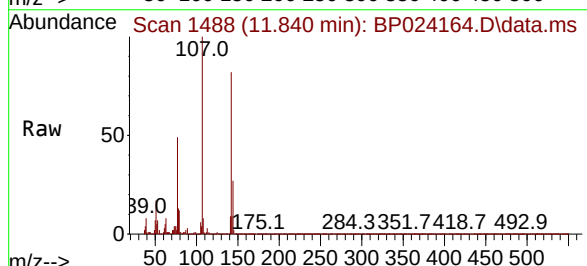
Tgt Ion:107 Resp: 966642

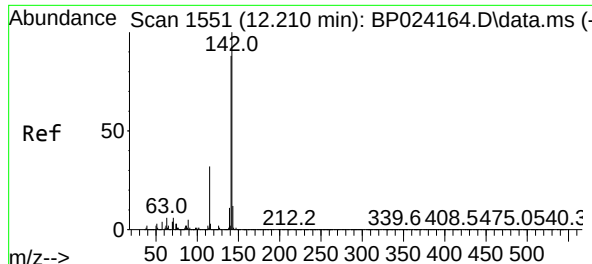
Ion Ratio Lower Upper

107 100

144 27.0 21.6 32.4

142 81.7 65.4 98.0

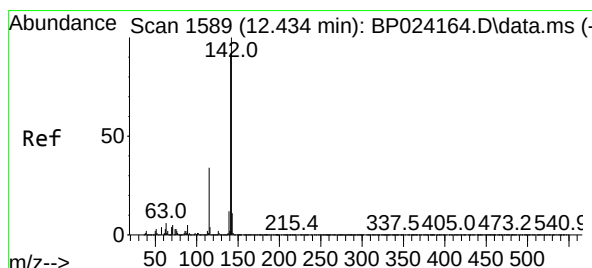
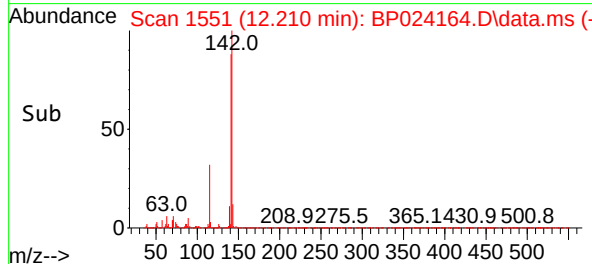
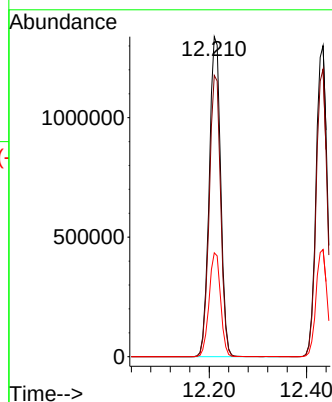
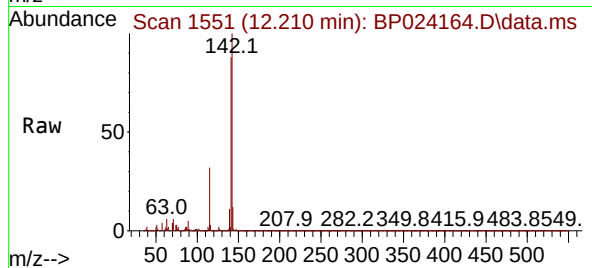




#37
2-Methylnaphthalene
Concen: 39.419 ng
RT: 12.210 min Scan# 1551
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

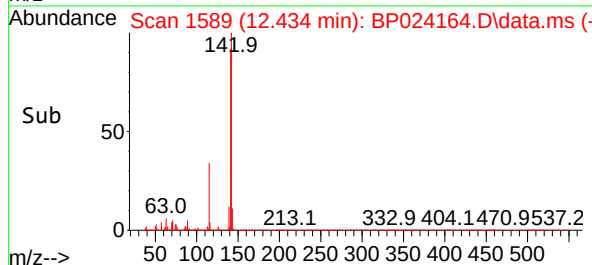
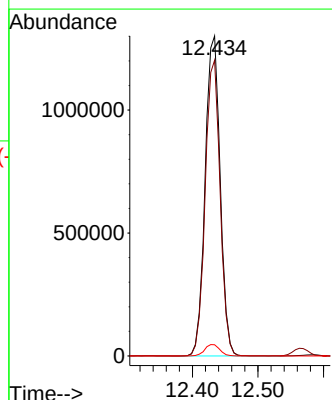
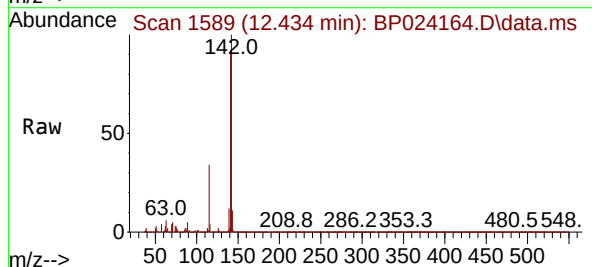
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

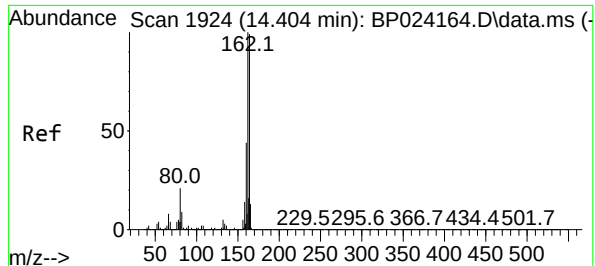
Tgt Ion:142 Resp: 2167502
Ion Ratio Lower Upper
142 100
141 87.9 70.3 105.5
115 32.5 26.0 39.0



#38
1-Methylnaphthalene
Concen: 38.734 ng
RT: 12.434 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion:142 Resp: 2071946
Ion Ratio Lower Upper
142 100
141 92.4 73.9 110.9
116 3.5 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.404 min Scan# 1924

Delta R.T. 0.000 min

Lab File: BP024164.D

Acq: 12 Mar 2025 19:00

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

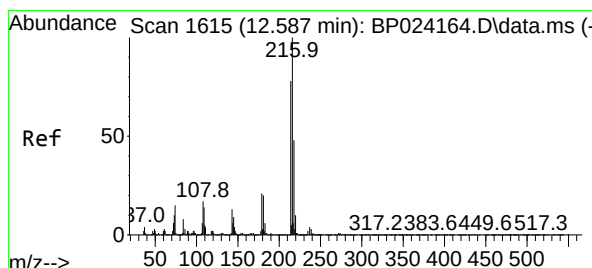
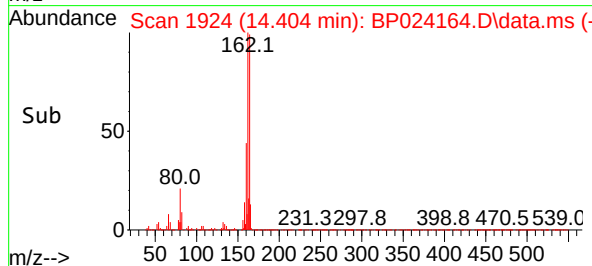
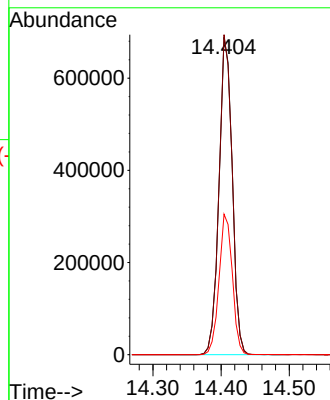
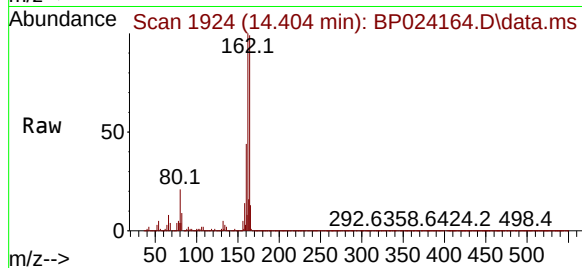
Tgt Ion:164 Resp: 930584

Ion Ratio Lower Upper

164 100

162 100.8 80.6 121.0

160 44.3 35.4 53.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.348 ng

RT: 12.587 min Scan# 1615

Delta R.T. 0.000 min

Lab File: BP024164.D

Acq: 12 Mar 2025 19:00

Tgt Ion:216 Resp: 1039275

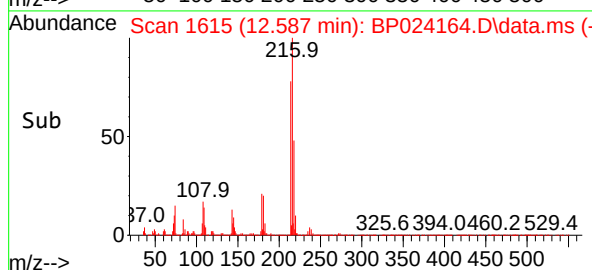
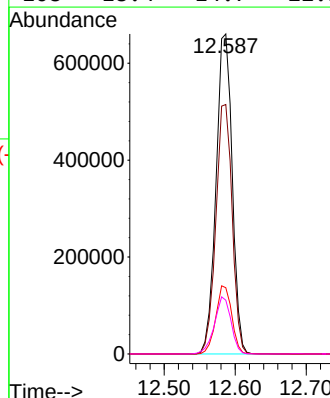
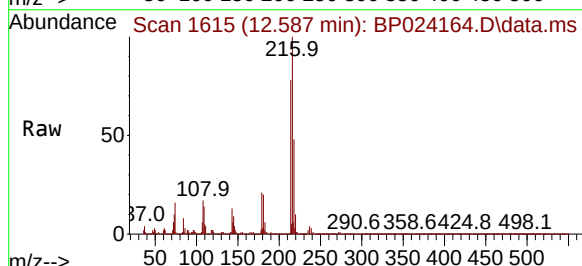
Ion Ratio Lower Upper

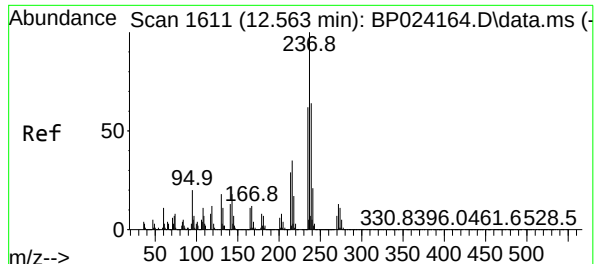
216 100

214 78.5 62.8 94.2

179 21.0 16.8 25.2

108 18.4 14.7 22.1

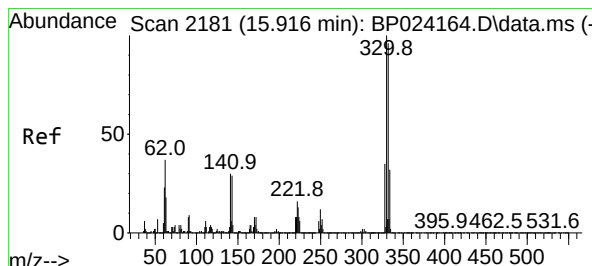
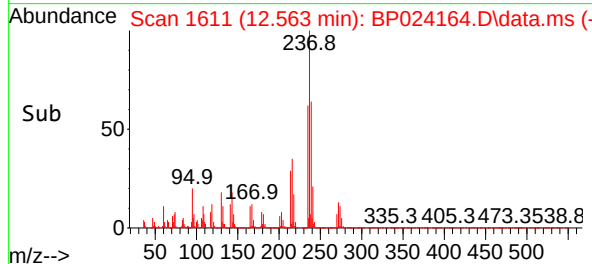
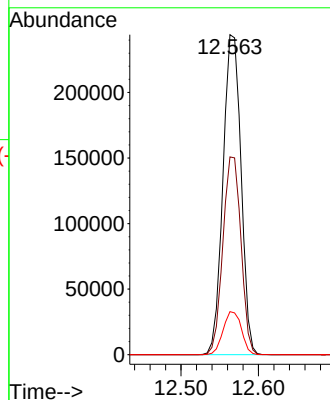
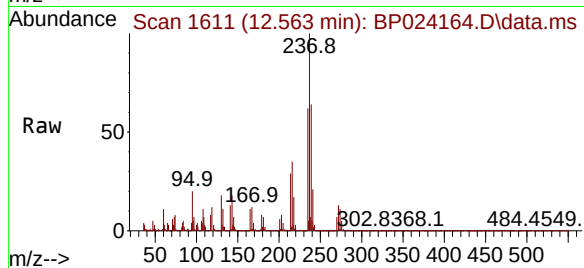




#41
Hexachlorocyclopentadiene
Concen: 37.139 ng
RT: 12.563 min Scan# 1611
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

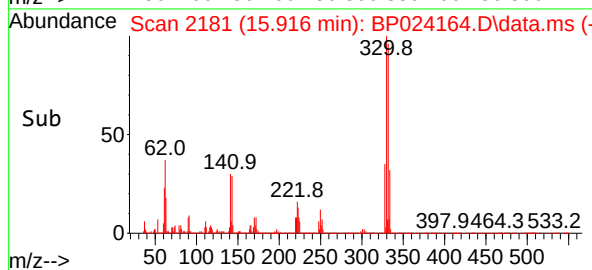
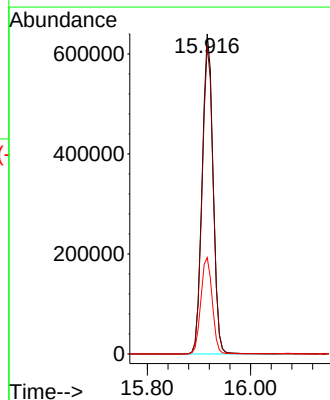
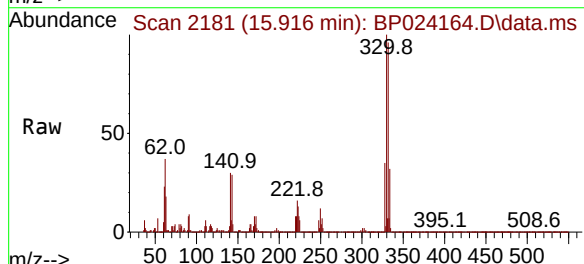
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

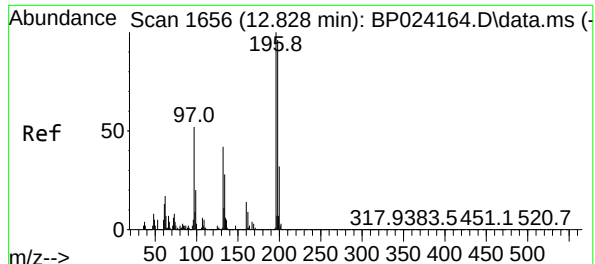
Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.8	41.8	81.8
272	13.5	0.0	33.5



#42
2,4,6-Tribromophenol
Concen: 82.309 ng
RT: 15.916 min Scan# 2181
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.6	116.4
141	31.3	25.0	37.6





#43

2,4,6-Trichlorophenol

Concen: 39.731 ng

RT: 12.828 min Scan# 1656

Delta R.T. 0.000 min

Lab File: BP024164.D

Acq: 12 Mar 2025 19:00

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

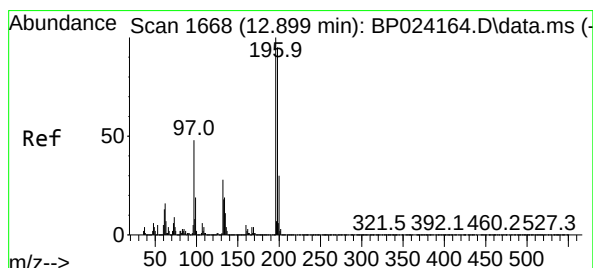
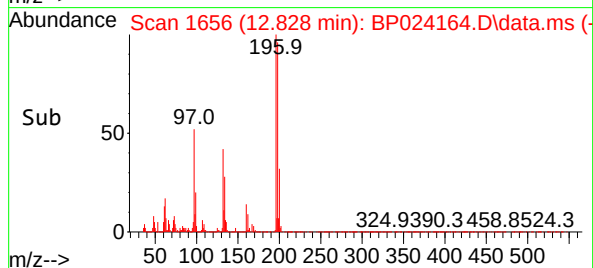
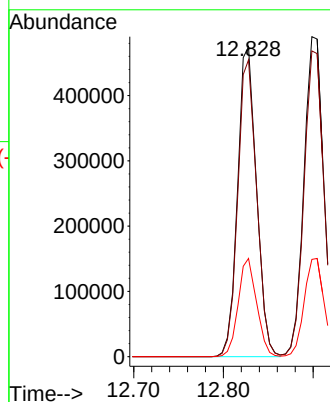
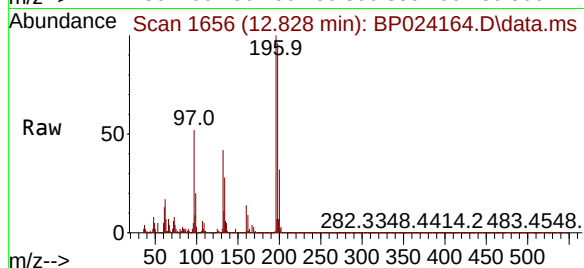
Tgt Ion:196 Resp: 692810

Ion Ratio Lower Upper

196 100

198 95.8 76.6 115.0

200 31.7 25.4 38.0



#44

2,4,5-Trichlorophenol

Concen: 39.872 ng

RT: 12.899 min Scan# 1668

Delta R.T. 0.000 min

Lab File: BP024164.D

Acq: 12 Mar 2025 19:00

Tgt Ion:196 Resp: 760360

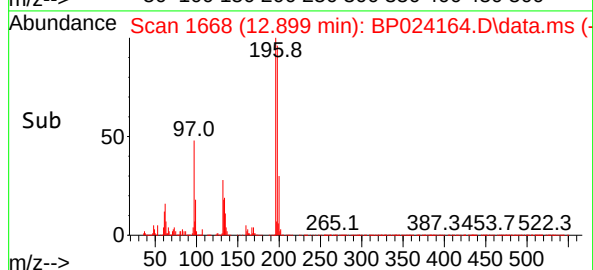
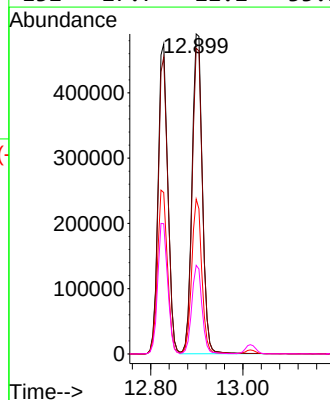
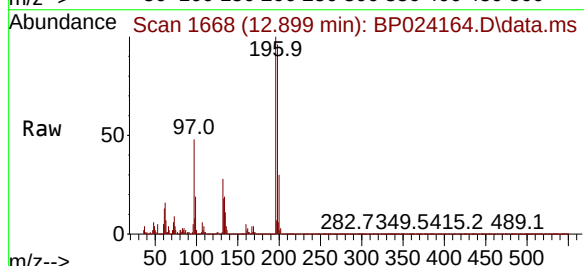
Ion Ratio Lower Upper

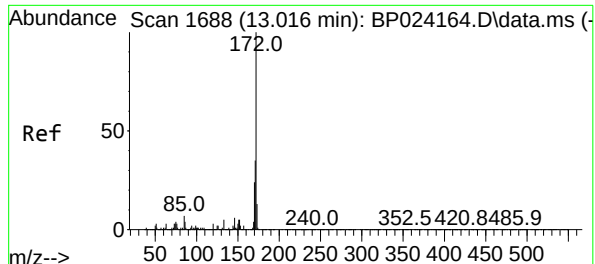
196 100

198 95.6 76.5 114.7

97 48.4 38.7 58.1

132 27.7 22.2 33.2

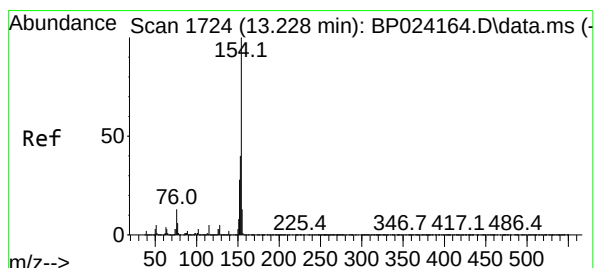
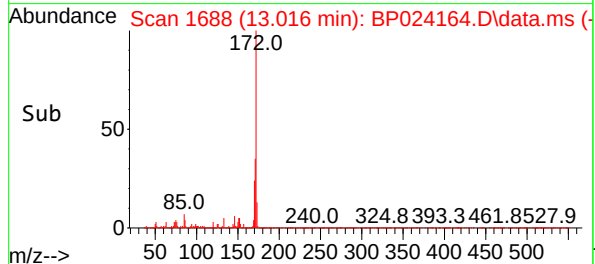
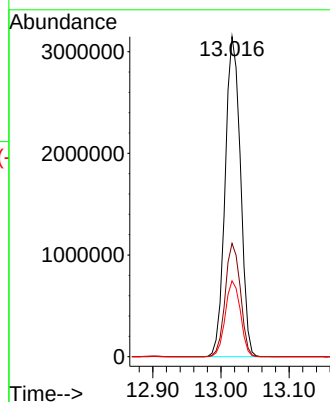
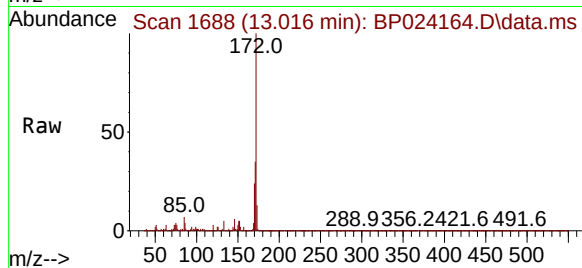




#45
2-Fluorobiphenyl
Concen: 73.785 ng
RT: 13.016 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

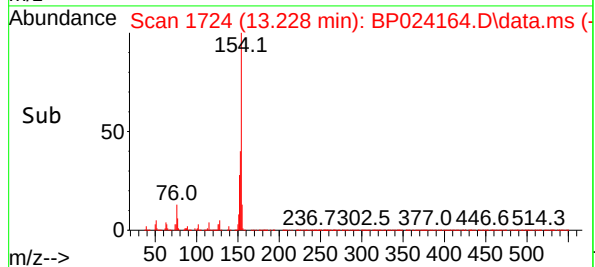
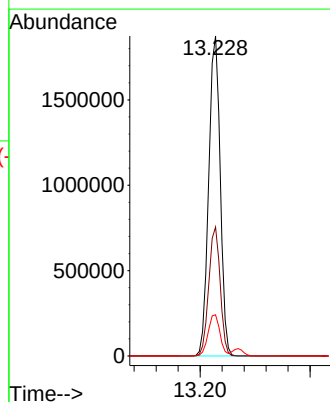
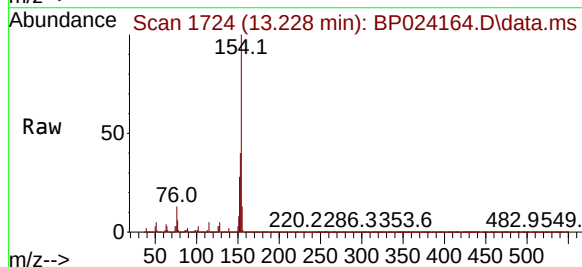
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

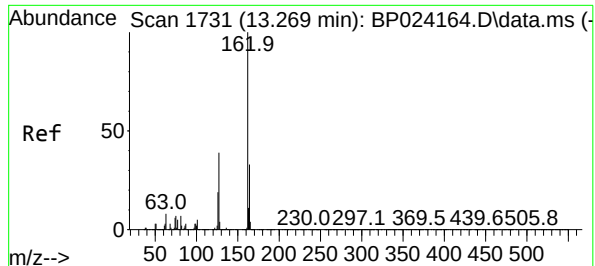
Tgt Ion:172 Resp: 4911554
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.7 19.0 28.4



#46
1,1'-Biphenyl
Concen: 37.621 ng
RT: 13.228 min Scan# 1724
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion:154 Resp: 2720465
Ion Ratio Lower Upper
154 100
153 40.3 20.3 60.3
76 12.9 0.0 32.9





#47

2-Chloronaphthalene

Concen: 37.269 ng

RT: 13.269 min Scan# 1731

Delta R.T. 0.000 min

Lab File: BP024164.D

Acq: 12 Mar 2025 19:00

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

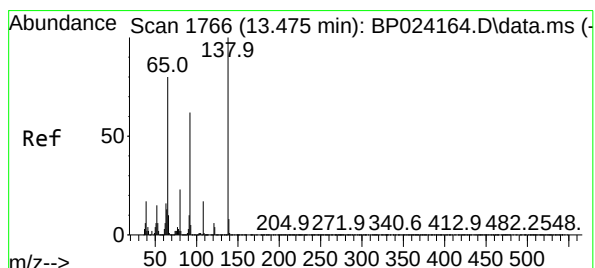
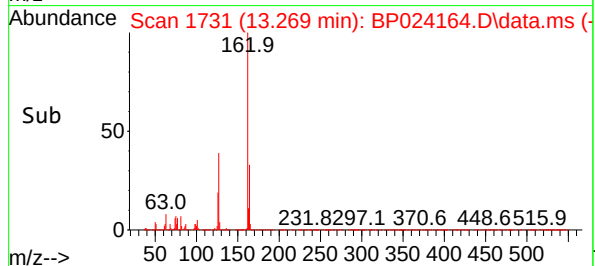
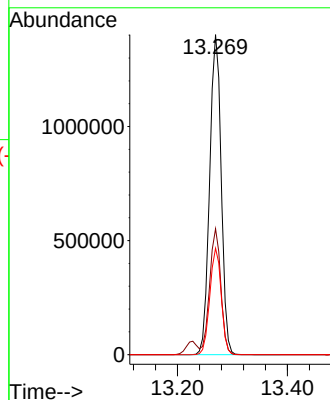
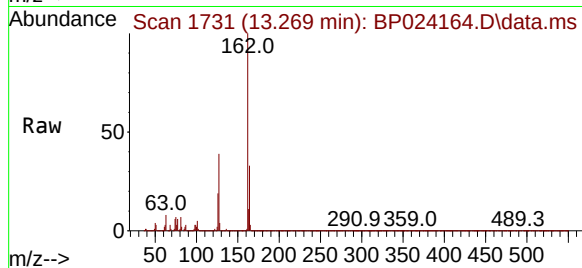
Tgt Ion:162 Resp: 2037284

Ion Ratio Lower Upper

162 100

127 39.4 31.5 47.3

164 33.2 26.6 39.8



#48

2-Nitroaniline

Concen: 42.085 ng

RT: 13.475 min Scan# 1766

Delta R.T. 0.000 min

Lab File: BP024164.D

Acq: 12 Mar 2025 19:00

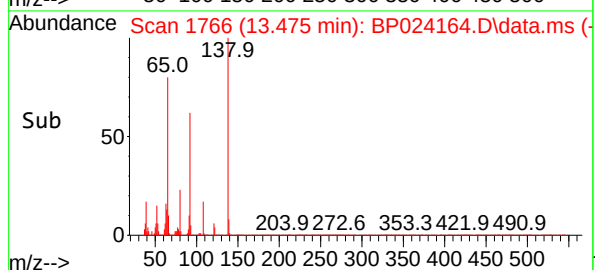
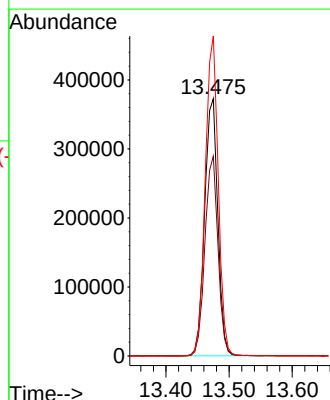
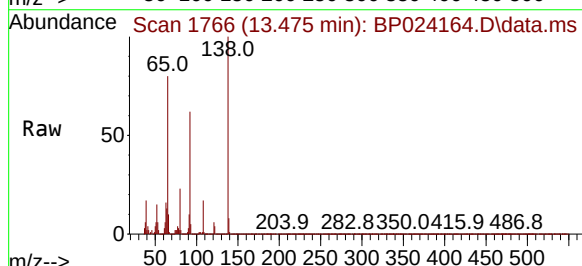
Tgt Ion: 65 Resp: 543429

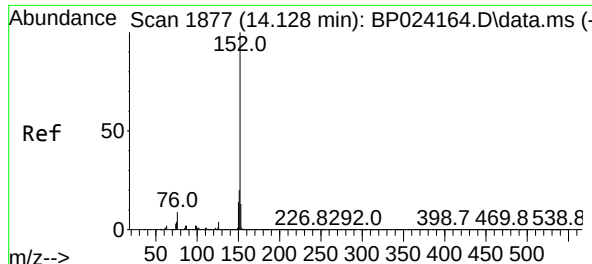
Ion Ratio Lower Upper

65 100

92 77.6 62.1 93.1

138 124.4 99.5 149.3





#49

Acenaphthylene

Concen: 38.389 ng

RT: 14.128 min Scan# 1877

Delta R.T. 0.000 min

Lab File: BP024164.D

Acq: 12 Mar 2025 19:00

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

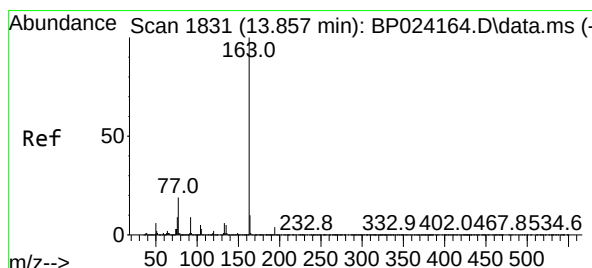
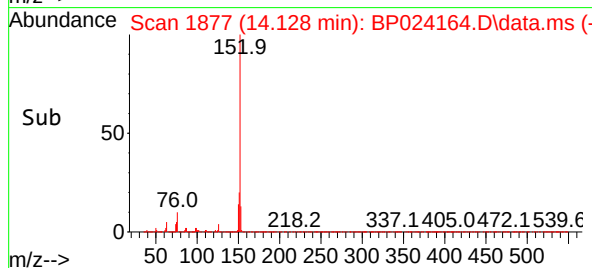
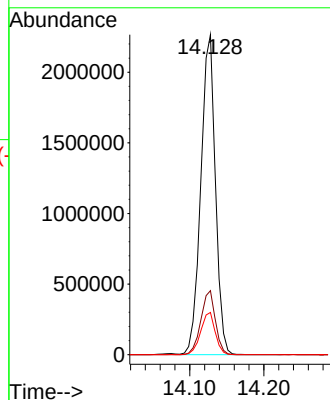
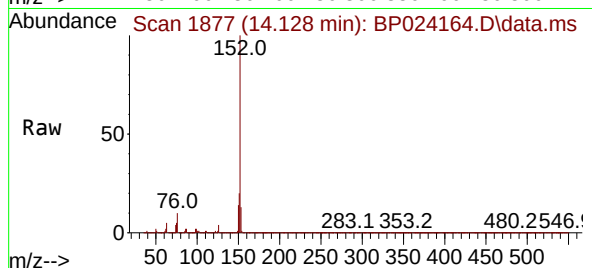
Tgt Ion:152 Resp: 3091813

Ion Ratio Lower Upper

152 100

151 20.0 16.0 24.0

153 13.2 10.6 15.8



#50

Dimethylphthalate

Concen: 38.493 ng

RT: 13.857 min Scan# 1831

Delta R.T. 0.000 min

Lab File: BP024164.D

Acq: 12 Mar 2025 19:00

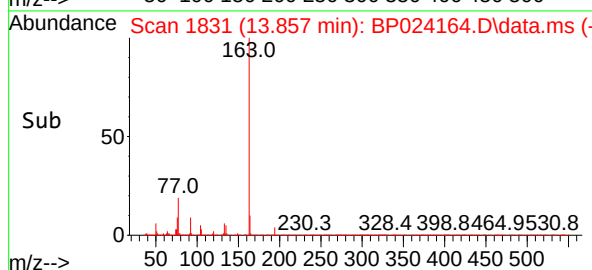
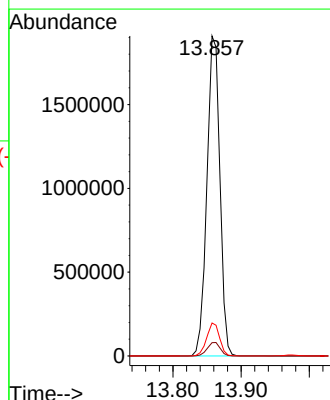
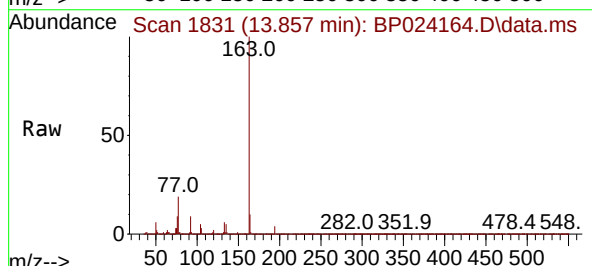
Tgt Ion:163 Resp: 2526732

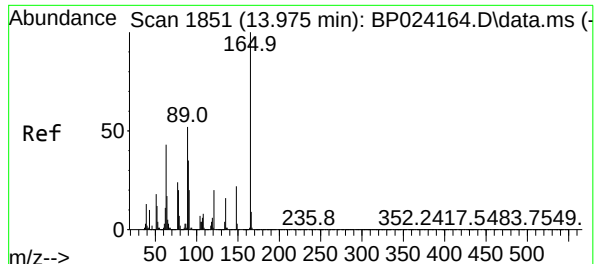
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.3 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 40.901 ng

RT: 13.975 min Scan# 1851

Delta R.T. 0.000 min

Lab File: BP024164.D

Acq: 12 Mar 2025 19:00

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

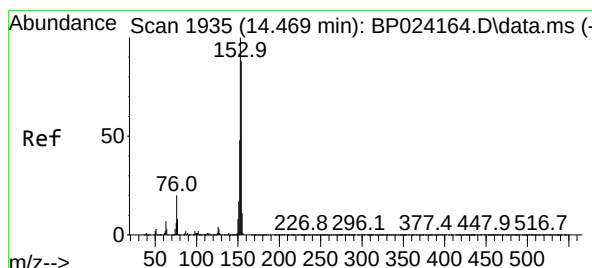
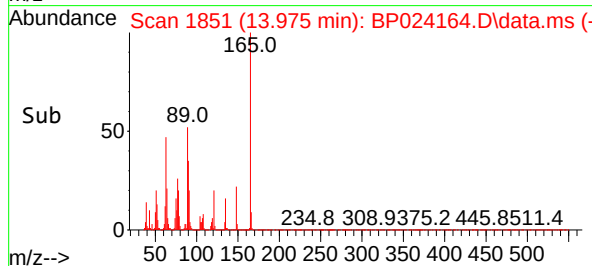
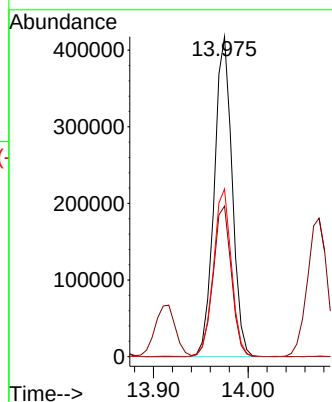
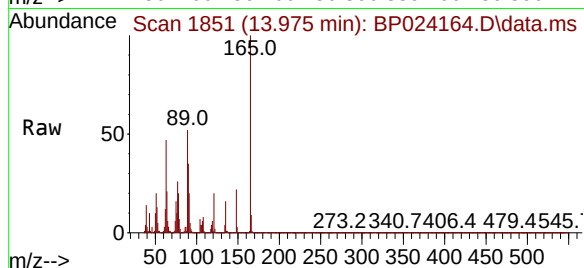
Tgt Ion:165 Resp: 546912

Ion Ratio Lower Upper

165 100

63 47.1 37.7 56.5

89 52.4 41.9 62.9



#52

Acenaphthene

Concen: 38.061 ng

RT: 14.469 min Scan# 1935

Delta R.T. 0.000 min

Lab File: BP024164.D

Acq: 12 Mar 2025 19:00

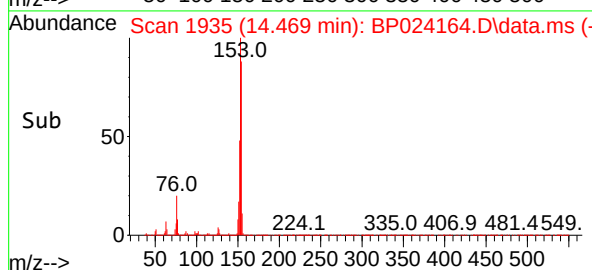
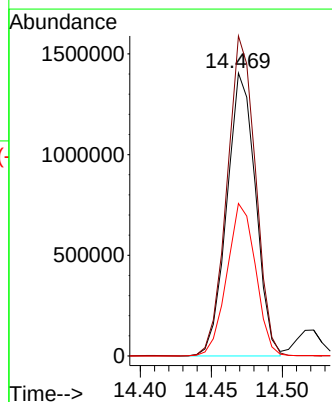
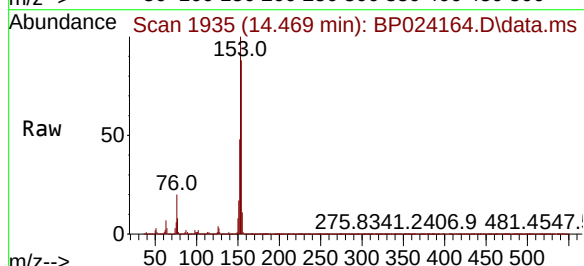
Tgt Ion:154 Resp: 1973969

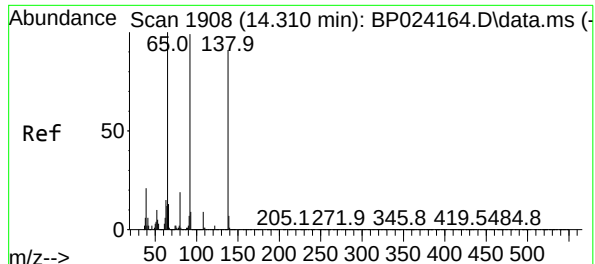
Ion Ratio Lower Upper

154 100

153 113.1 90.5 135.7

152 53.9 43.1 64.7

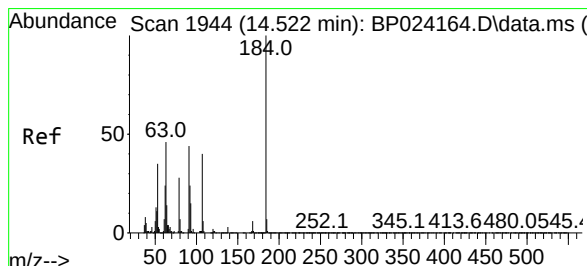
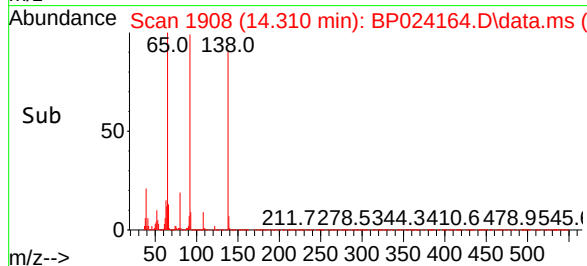
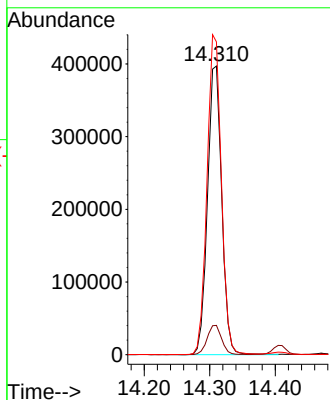
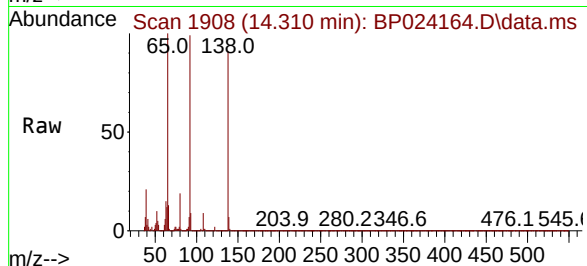




#53
3-Nitroaniline
Concen: 42.038 ng
RT: 14.310 min Scan# 1908
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

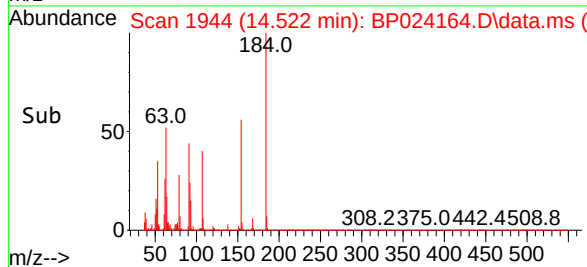
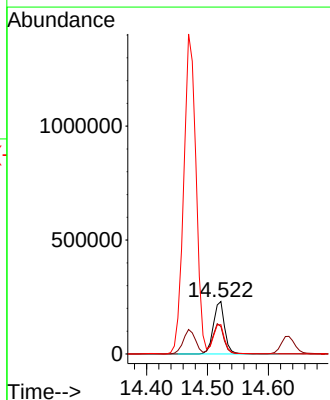
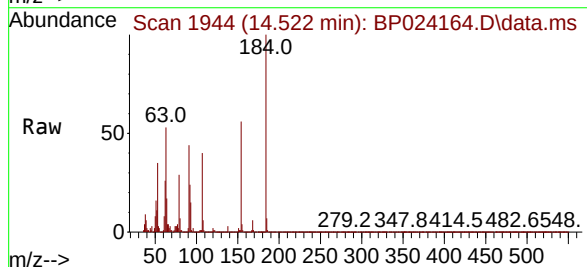
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

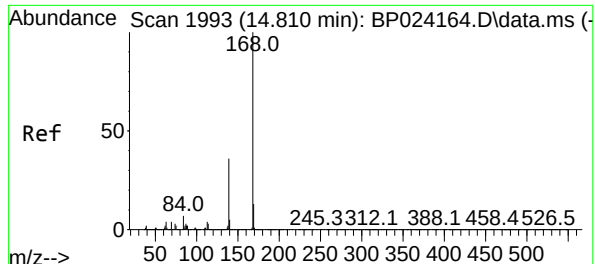
Tgt Ion:138 Resp: 599822
Ion Ratio Lower Upper
138 100
108 10.2 8.2 12.2
92 108.4 86.7 130.1



#54
2,4-Dinitrophenol
Concen: 41.760 ng
RT: 14.522 min Scan# 1944
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion:184 Resp: 297379
Ion Ratio Lower Upper
184 100
63 52.6 42.1 63.1
154 55.8 44.6 67.0

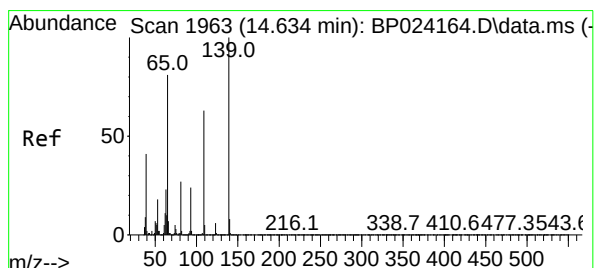
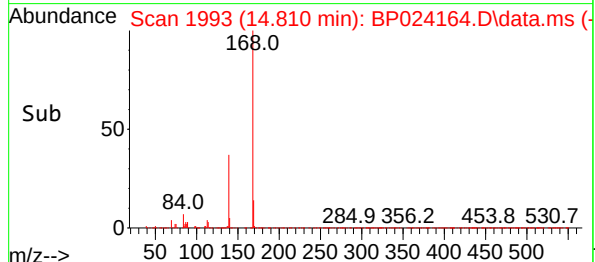
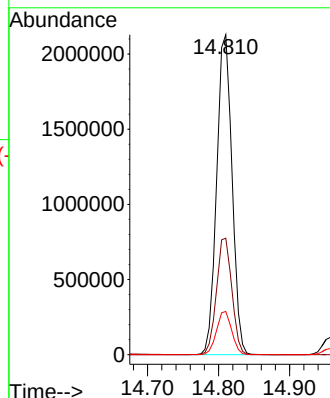
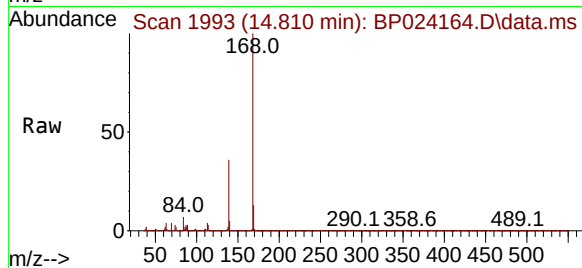




#55
Dibenzofuran
Concen: 37.802 ng
RT: 14.810 min Scan# 1993
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

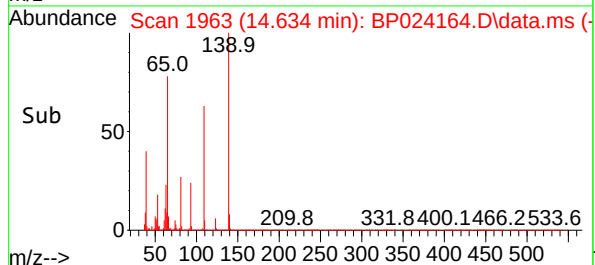
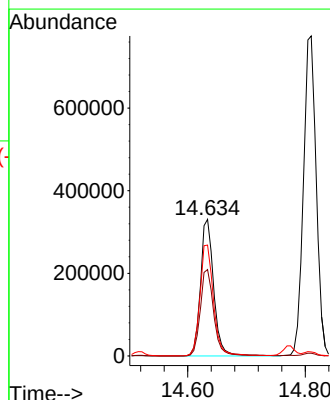
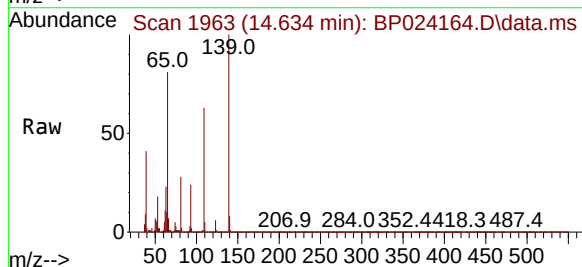
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

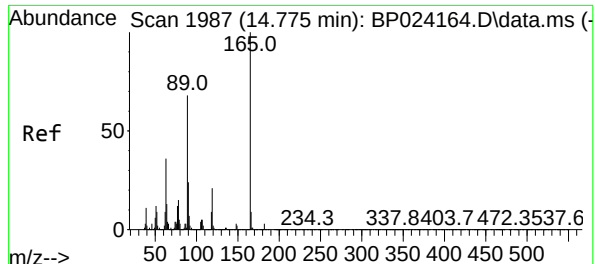
Tgt Ion:168 Resp: 3184940
Ion Ratio Lower Upper
168 100
139 36.4 29.1 43.7
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 41.811 ng
RT: 14.634 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion:139 Resp: 515335
Ion Ratio Lower Upper
139 100
109 63.3 43.3 83.3
65 81.2 61.2 101.2





#57

2,4-Dinitrotoluene

Concen: 42.180 ng

RT: 14.775 min Scan# 1987

Delta R.T. 0.000 min

Lab File: BP024164.D

Acq: 12 Mar 2025 19:00

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:165 Resp: 732669

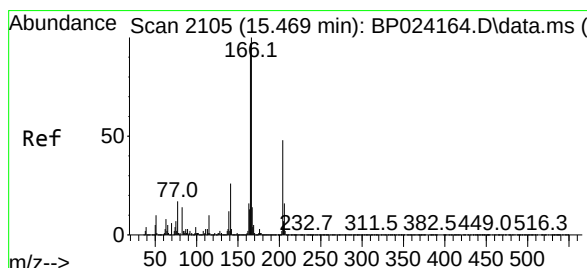
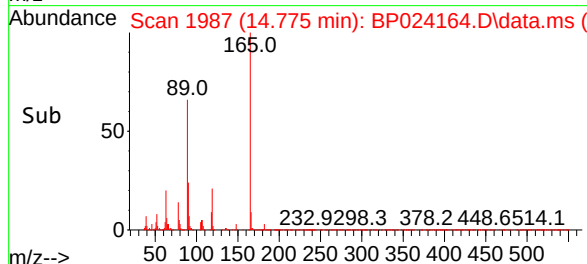
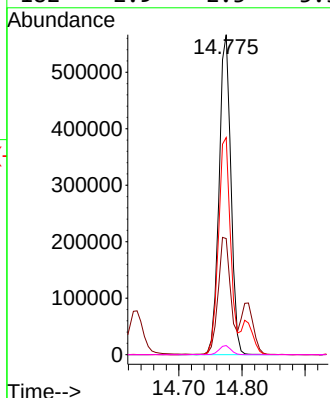
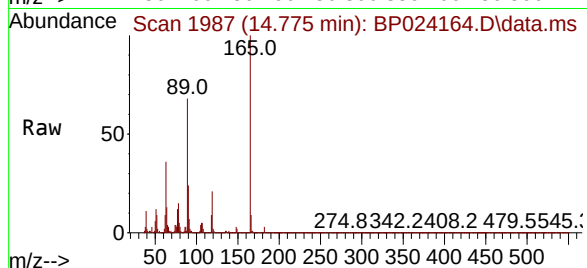
Ion Ratio Lower Upper

165 100

63 36.3 29.0 43.6

89 67.8 54.2 81.4

182 2.9 2.3 3.5



#58

Fluorene

Concen: 38.039 ng

RT: 15.469 min Scan# 2105

Delta R.T. 0.000 min

Lab File: BP024164.D

Acq: 12 Mar 2025 19:00

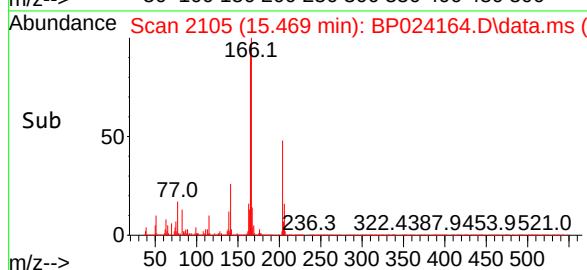
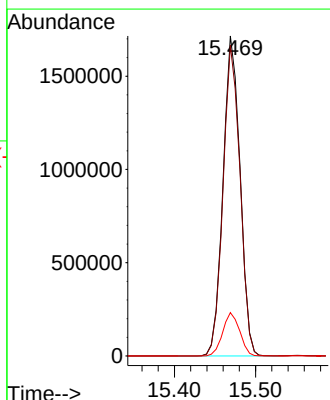
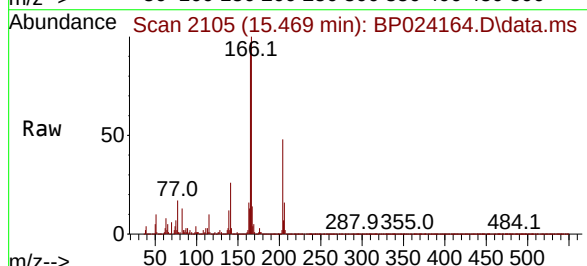
Tgt Ion:166 Resp: 2502924

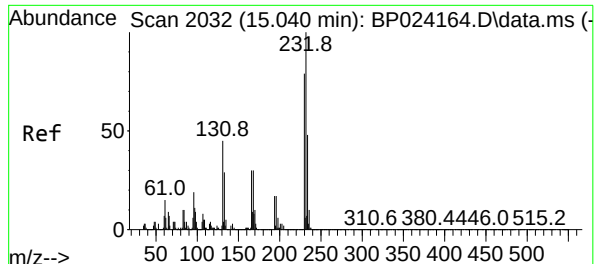
Ion Ratio Lower Upper

166 100

165 97.0 77.6 116.4

167 13.5 10.8 16.2

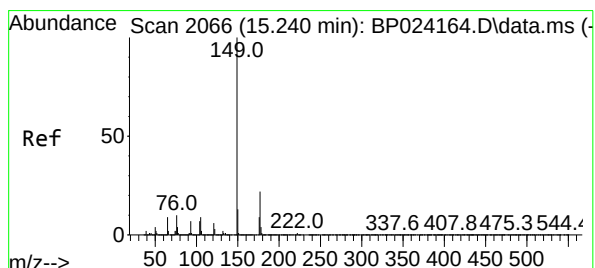
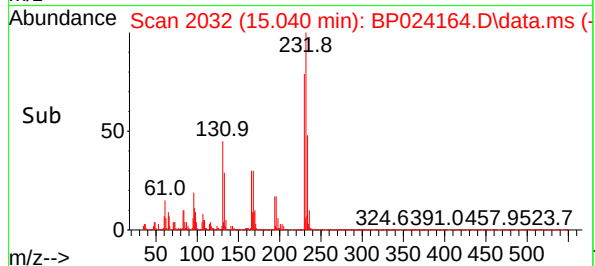
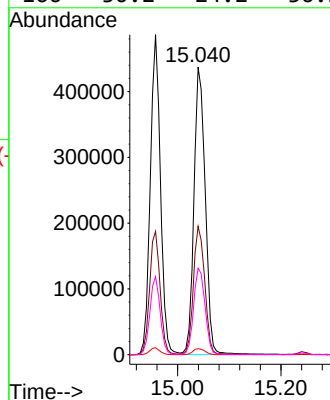
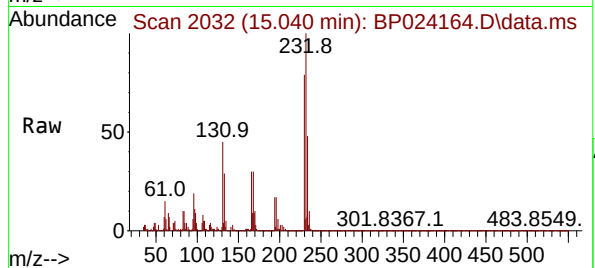




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.068 ng
RT: 15.040 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

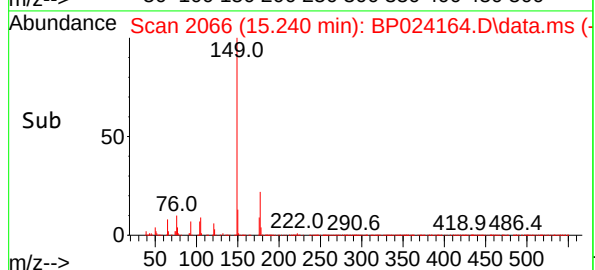
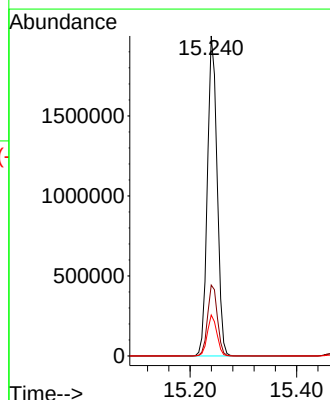
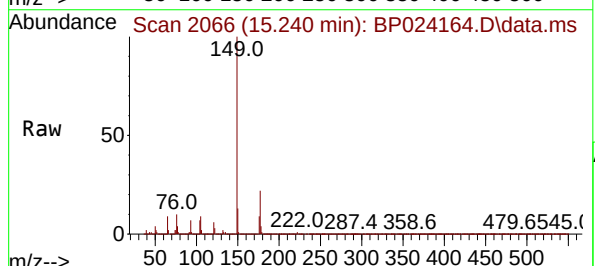
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

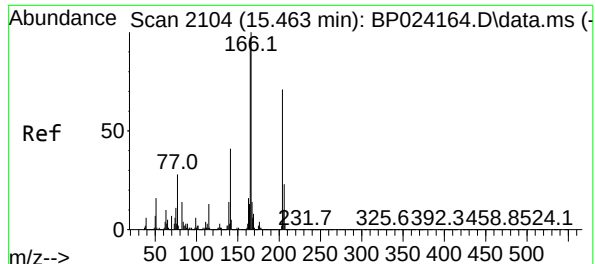
Tgt Ion:232 Resp: 662947
Ion Ratio Lower Upper
232 100
131 44.9 35.9 53.9
130 2.2 1.8 2.6
166 30.2 24.2 36.2



#60
Diethylphthalate
Concen: 38.794 ng
RT: 15.240 min Scan# 2066
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion:149 Resp: 2527904
Ion Ratio Lower Upper
149 100
177 22.1 17.7 26.5
150 12.8 10.2 15.4

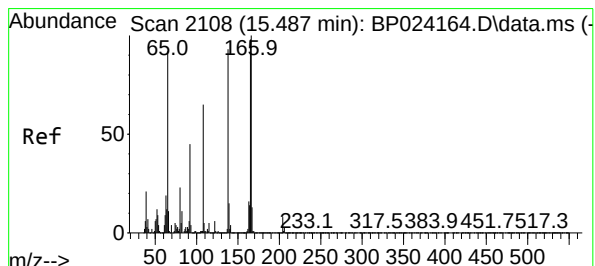
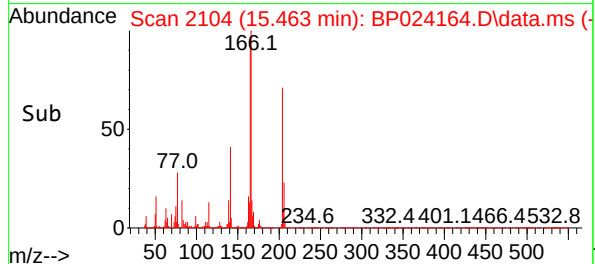
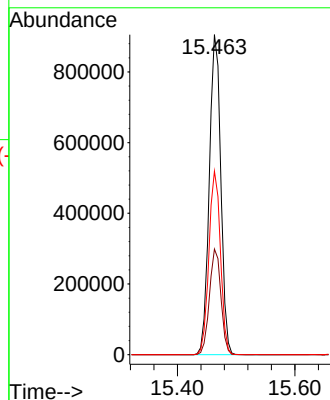
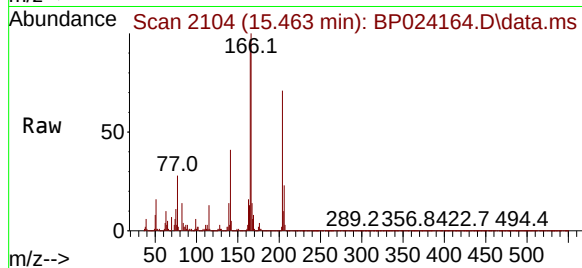




#61
4-Chlorophenyl-phenylether
Concen: 37.829 ng
RT: 15.463 min Scan# 2104
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

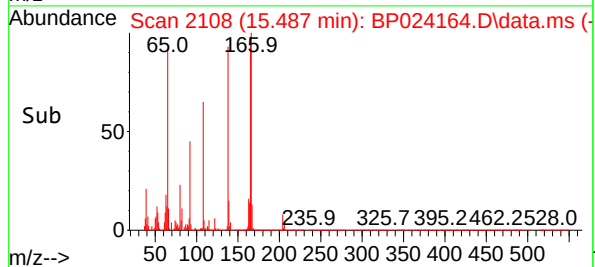
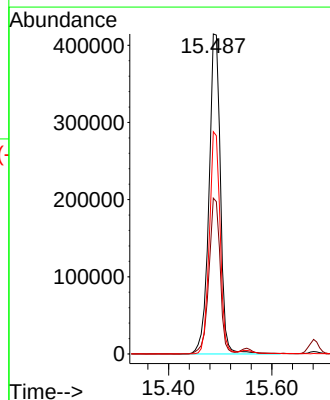
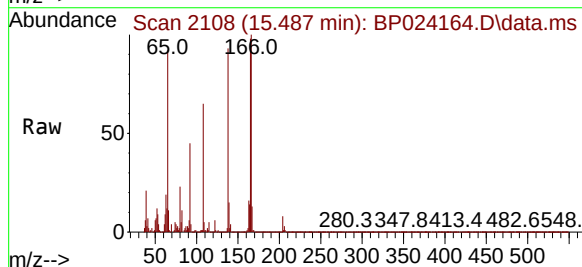
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

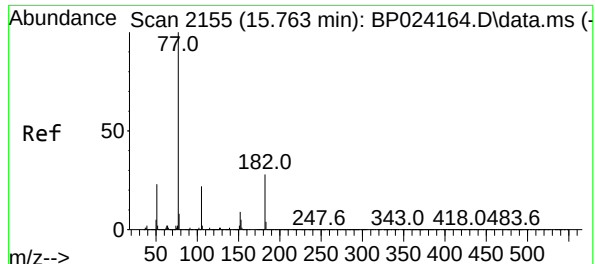
Tgt Ion:204 Resp: 1225168
Ion Ratio Lower Upper
204 100
206 33.0 26.4 39.6
141 57.3 45.8 68.8



#62
4-Nitroaniline
Concen: 43.134 ng
RT: 15.487 min Scan# 2108
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion:138 Resp: 638694
Ion Ratio Lower Upper
138 100
92 48.7 28.7 68.7
108 69.5 49.5 89.5

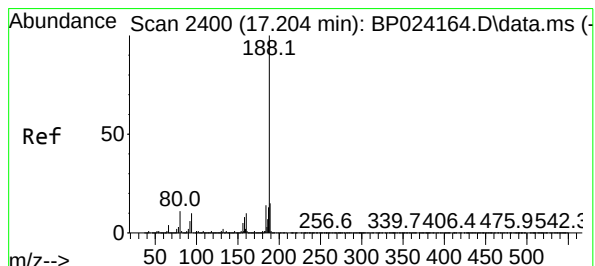
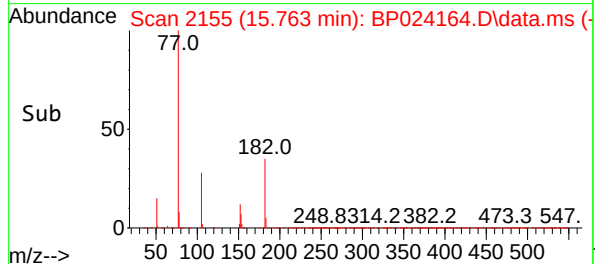
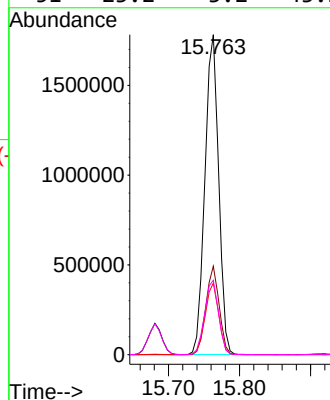
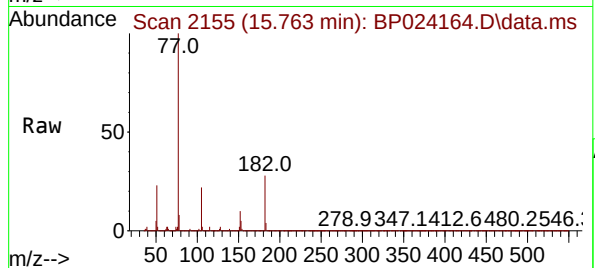




#63
Azobenzene
Concen: 39.335 ng
RT: 15.763 min Scan# 2155
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

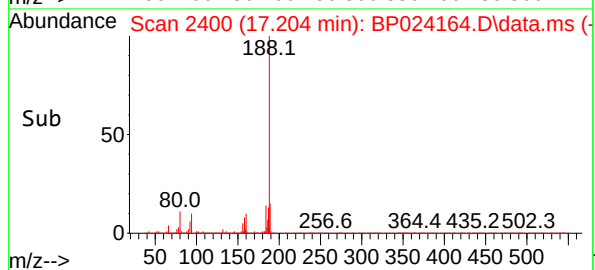
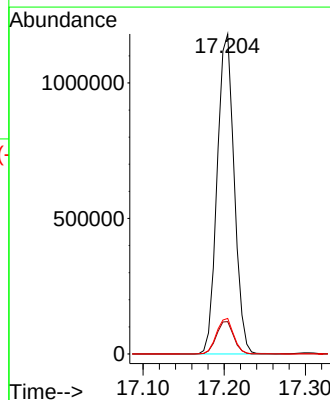
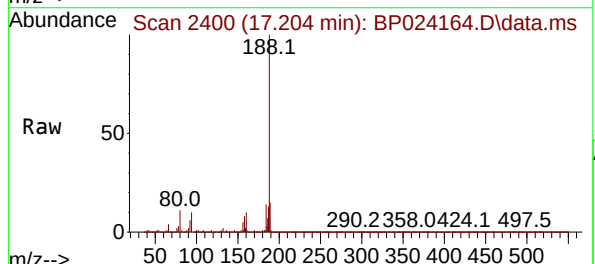
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

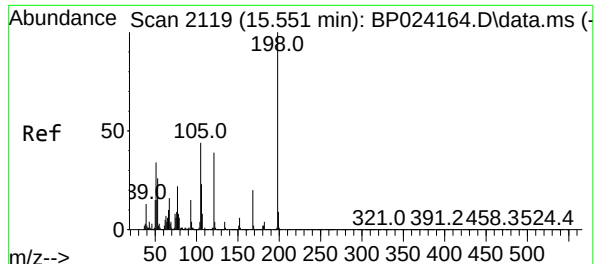
Tgt Ion: 77 Resp: 2401881
Ion Ratio Lower Upper
77 100
182 27.7 7.7 47.7
105 22.3 2.3 42.3
51 23.2 3.2 43.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2400
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion: 188 Resp: 1720919
Ion Ratio Lower Upper
188 100
94 10.1 8.1 12.1
80 11.1 8.9 13.3

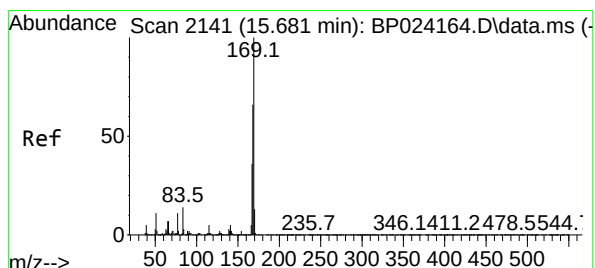
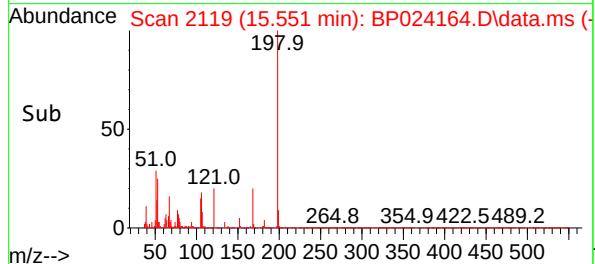
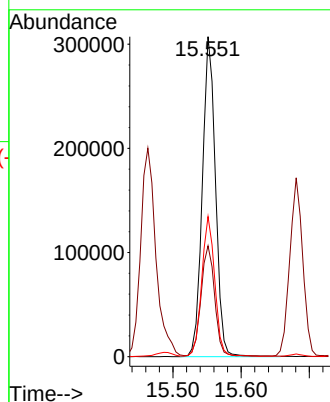
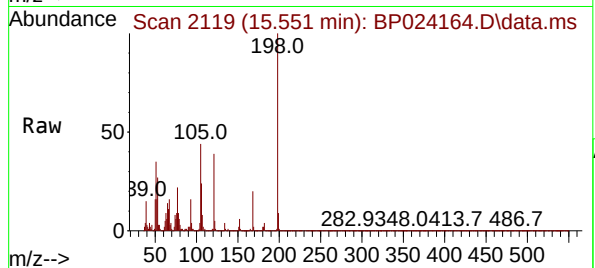




#65
4,6-Dinitro-2-methylphenol
Concen: 41.395 ng
RT: 15.551 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

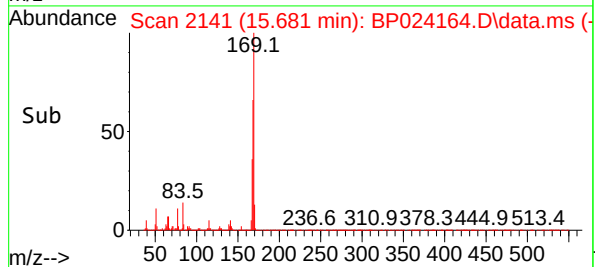
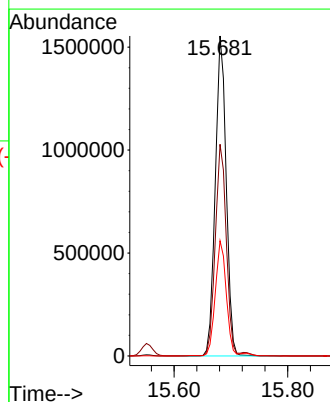
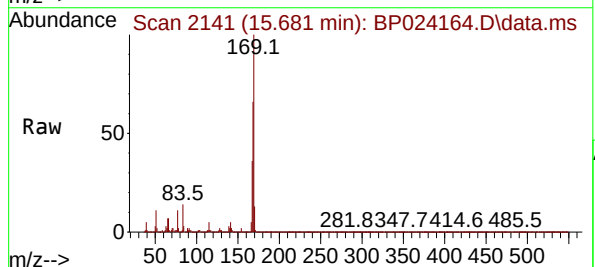
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

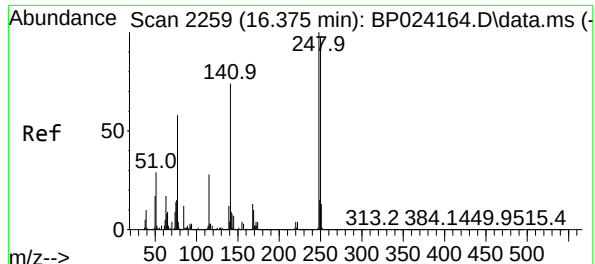
Tgt Ion:198 Resp: 412313
Ion Ratio Lower Upper
198 100
51 34.7 14.7 54.7
105 43.8 23.8 63.8



#66
n-Nitrosodiphenylamine
Concen: 38.450 ng
RT: 15.681 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion:169 Resp: 2063452
Ion Ratio Lower Upper
169 100
168 66.1 52.9 79.3
167 36.0 28.8 43.2

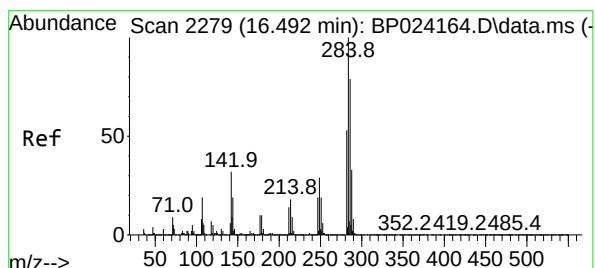
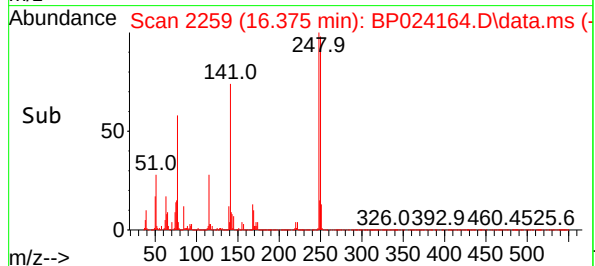
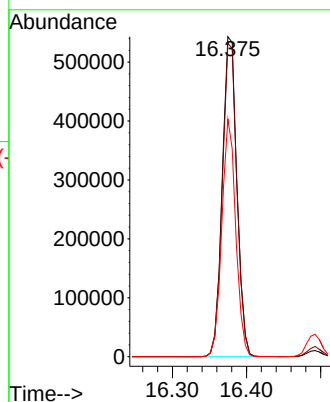
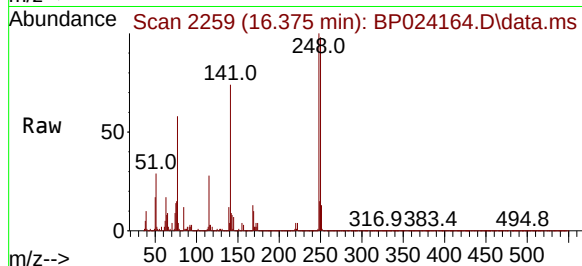




#67
4-Bromophenyl-phenylether
Concen: 38.570 ng
RT: 16.375 min Scan# 2259
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

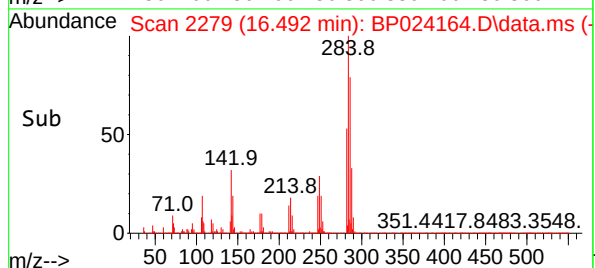
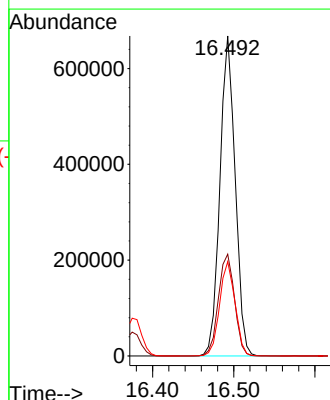
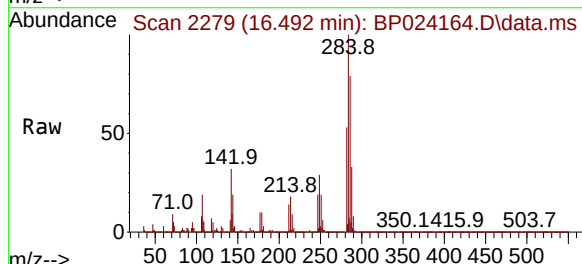
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

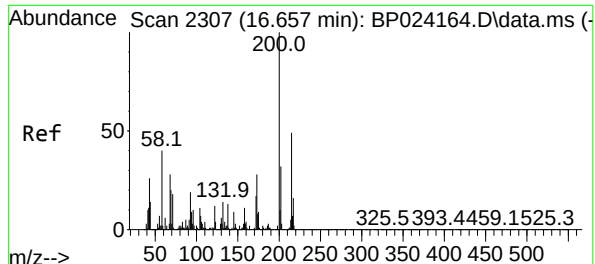
Tgt Ion:248 Resp: 745376
Ion Ratio Lower Upper
248 100
250 98.0 78.4 117.6
141 74.2 59.4 89.0



#68
Hexachlorobenzene
Concen: 38.435 ng
RT: 16.492 min Scan# 2279
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion:284 Resp: 873989
Ion Ratio Lower Upper
284 100
142 31.8 25.4 38.2
249 29.4 23.5 35.3





#69

Atrazine

Concen: 33.855 ng

RT: 16.657 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024164.D

Acq: 12 Mar 2025 19:00

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

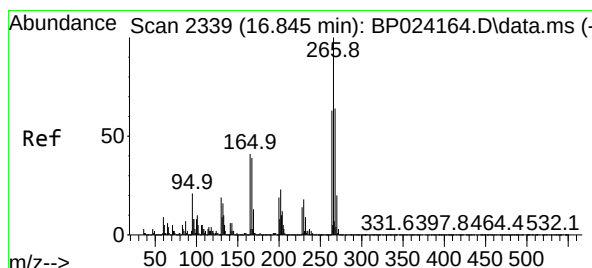
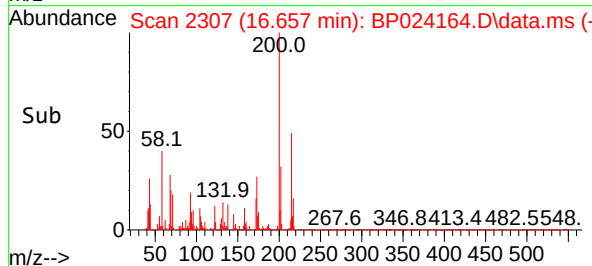
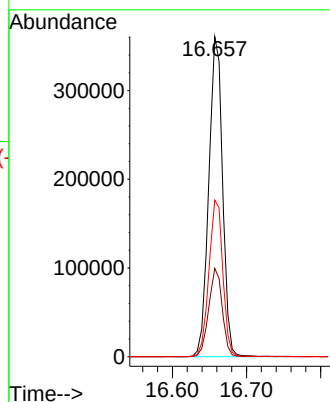
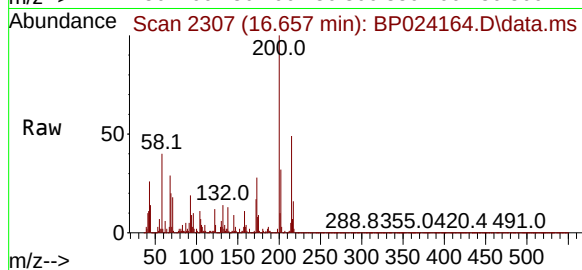
Tgt Ion:200 Resp: 466258

Ion Ratio Lower Upper

200 100

173 27.6 7.6 47.6

215 49.0 29.0 69.0



#70

Pentachlorophenol

Concen: 41.352 ng

RT: 16.845 min Scan# 2339

Delta R.T. 0.000 min

Lab File: BP024164.D

Acq: 12 Mar 2025 19:00

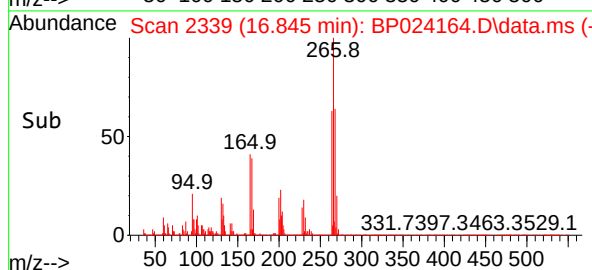
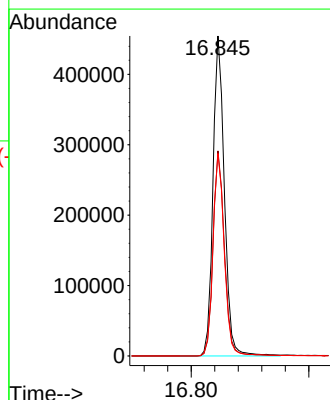
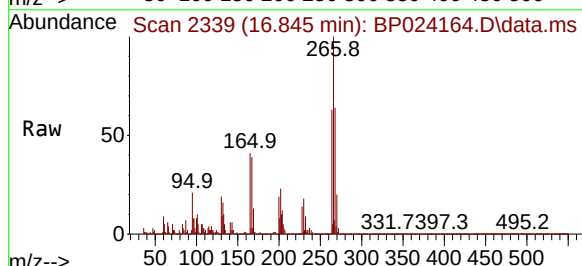
Tgt Ion:266 Resp: 610729

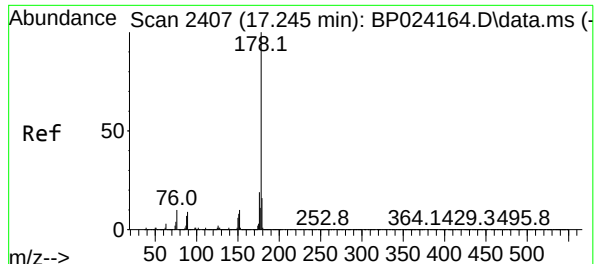
Ion Ratio Lower Upper

266 100

268 64.1 51.3 76.9

264 63.3 50.6 76.0

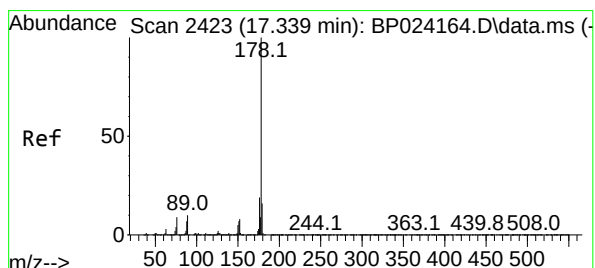
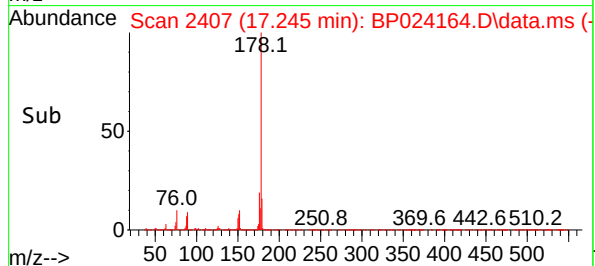
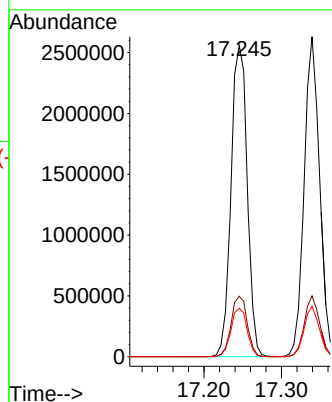
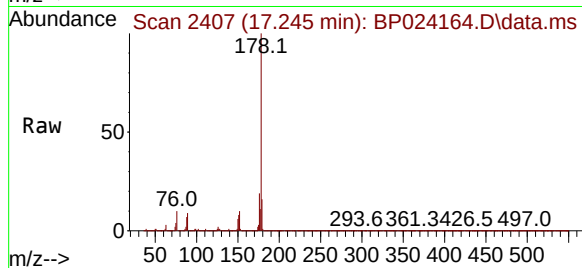




#71
Phenanthrene
Concen: 38.414 ng
RT: 17.245 min Scan# 2407
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

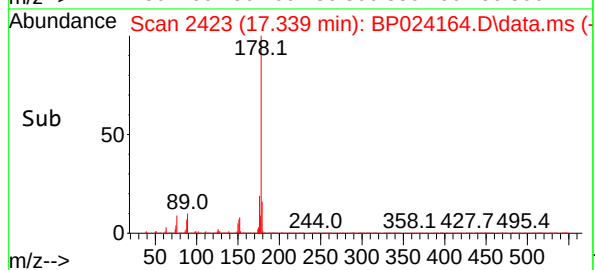
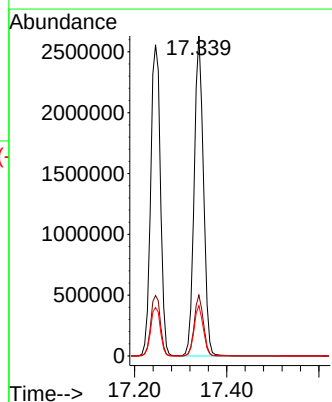
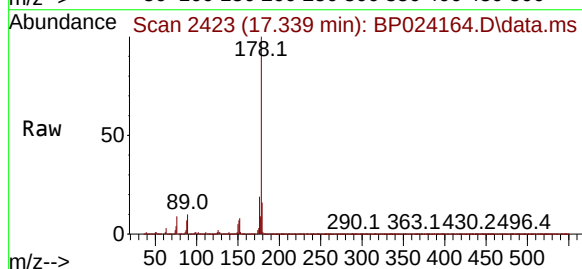
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

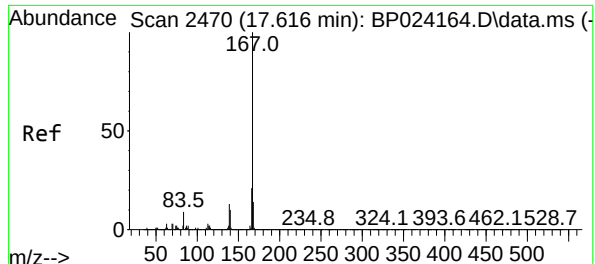
Tgt Ion:178 Resp: 3727050
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.6 12.5 18.7



#72
Anthracene
Concen: 39.344 ng
RT: 17.339 min Scan# 2423
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion:178 Resp: 3658135
Ion Ratio Lower Upper
178 100
176 19.0 15.2 22.8
179 15.7 12.6 18.8

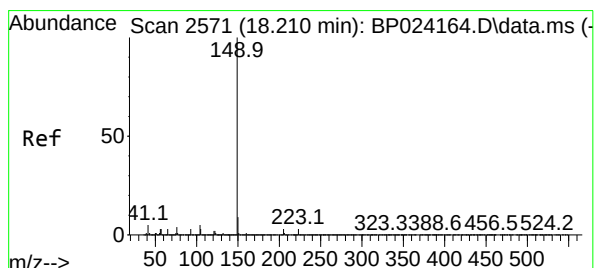
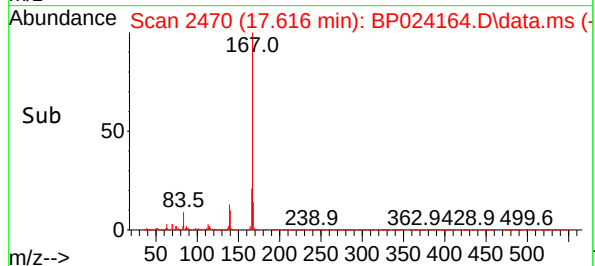
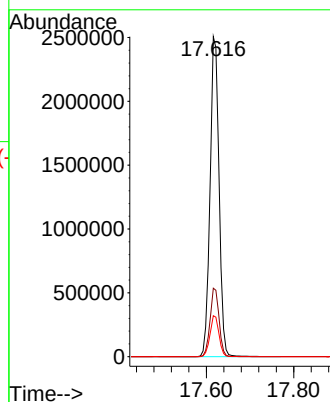
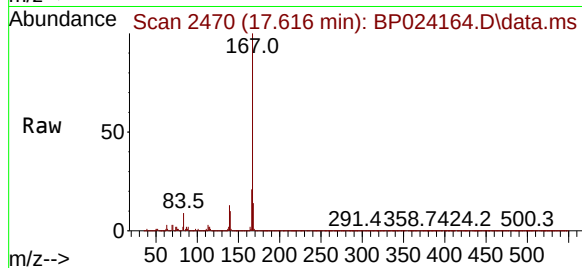




#73
Carbazole
Concen: 40.463 ng
RT: 17.616 min Scan# 2470
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

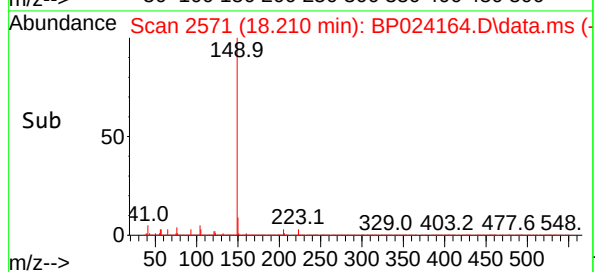
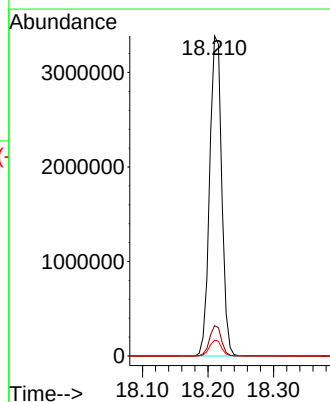
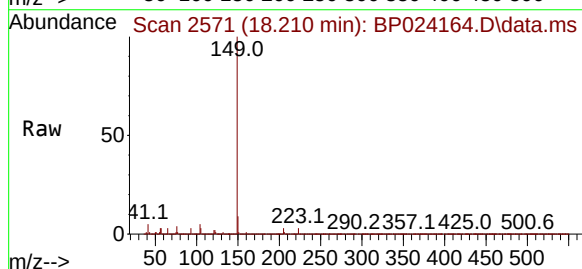
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

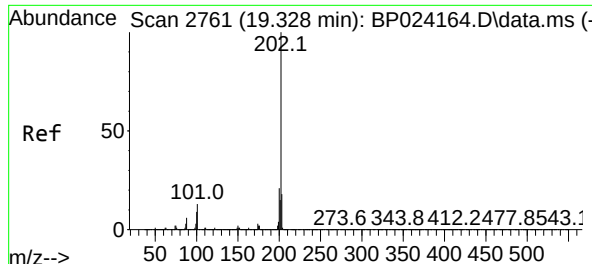
Tgt Ion:167 Resp: 3584494
Ion Ratio Lower Upper
167 100
166 21.4 17.1 25.7
139 12.8 10.2 15.4



#74
Di-n-butylphthalate
Concen: 41.958 ng
RT: 18.210 min Scan# 2571
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion:149 Resp: 4336969
Ion Ratio Lower Upper
149 100
150 9.5 7.6 11.4
104 4.9 3.9 5.9

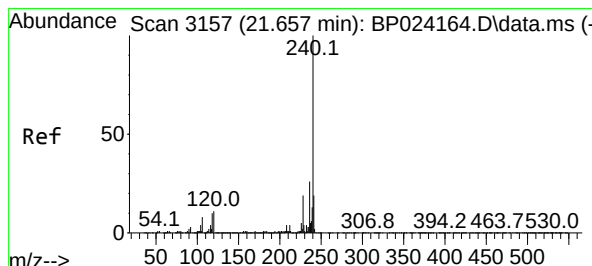
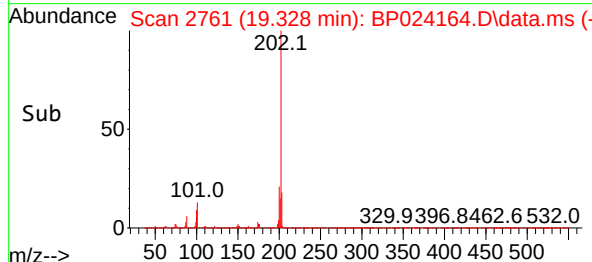
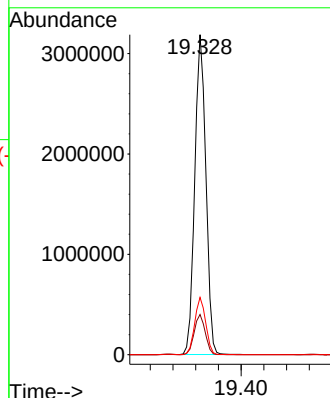
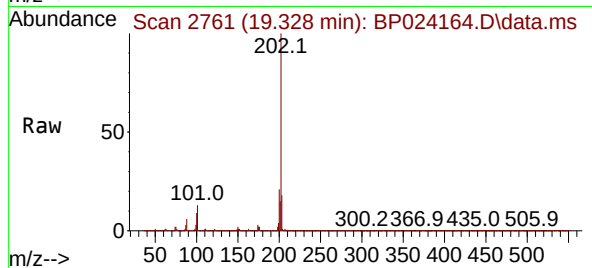




#75
Fluoranthene
Concen: 39.636 ng
RT: 19.328 min Scan# 2761
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

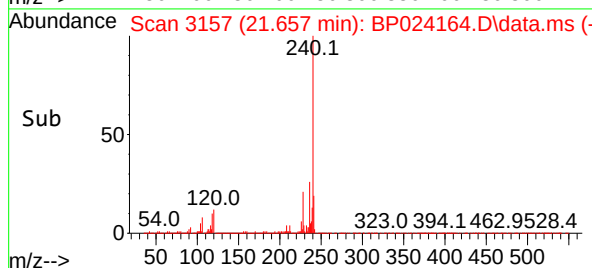
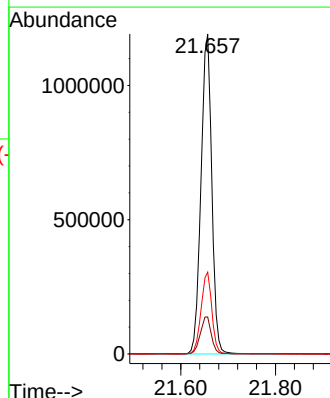
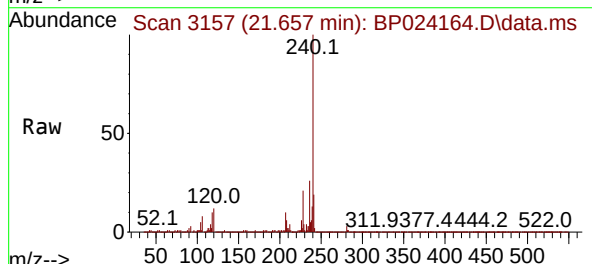
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

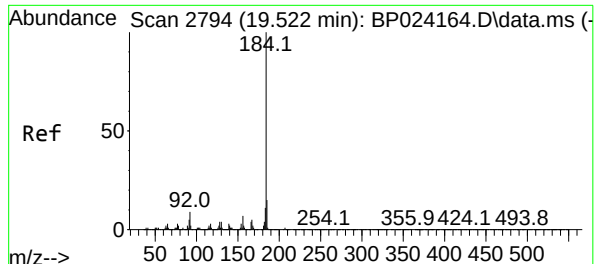
Tgt Ion:202 Resp: 4349734
Ion Ratio Lower Upper
202 100
101 12.5 0.0 32.5
203 17.9 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.657 min Scan# 3157
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion:240 Resp: 1881172
Ion Ratio Lower Upper
240 100
120 11.5 9.2 13.8
236 25.5 20.4 30.6

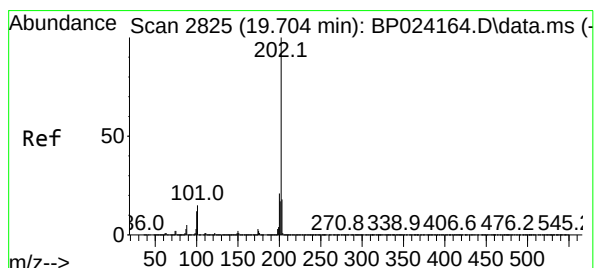
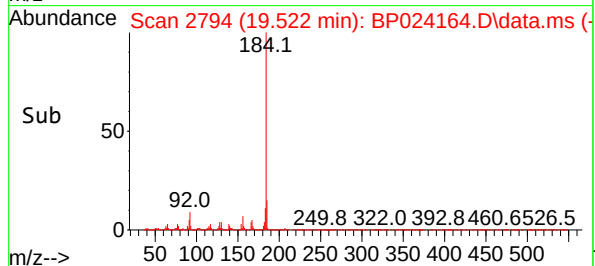
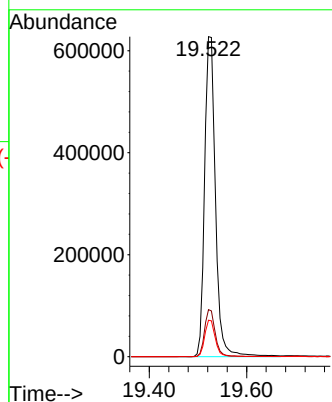
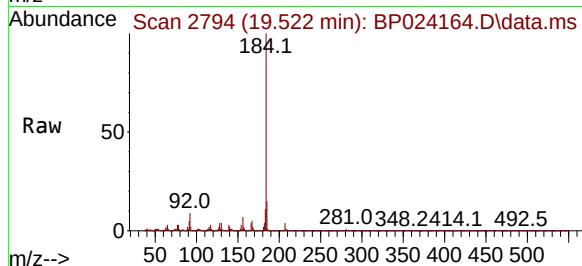




#77
Benzidine
Concen: 42.268 ng
RT: 19.522 min Scan# 2794
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

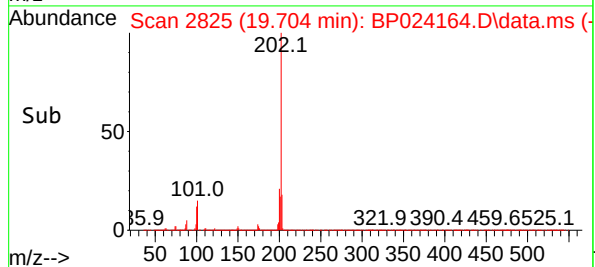
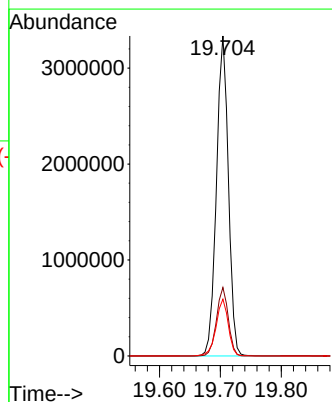
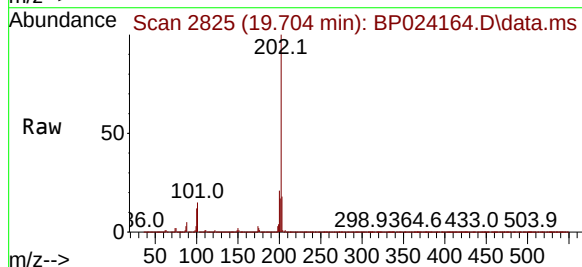
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

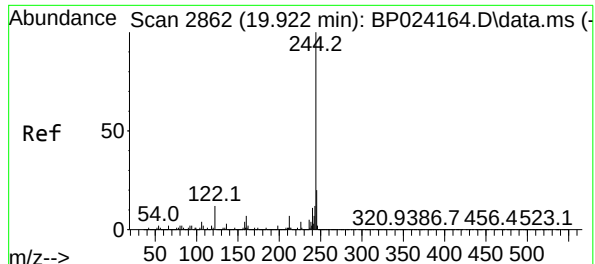
Tgt Ion:184 Resp: 968916
Ion Ratio Lower Upper
184 100
185 14.7 11.8 17.6
183 11.4 9.1 13.7



#78
Pyrene
Concen: 37.911 ng
RT: 19.704 min Scan# 2825
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion:202 Resp: 4529960
Ion Ratio Lower Upper
202 100
200 21.4 17.1 25.7
203 17.8 14.2 21.4

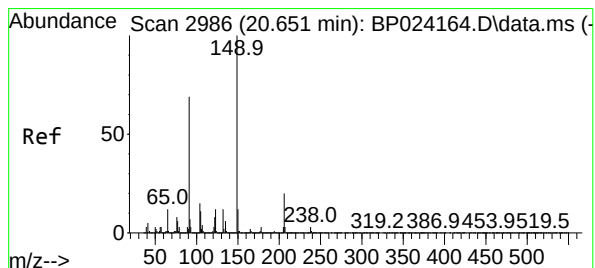
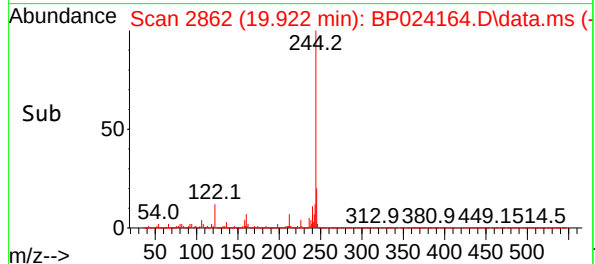
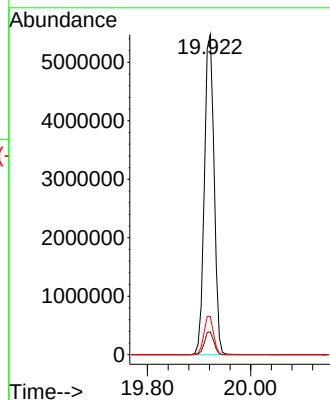
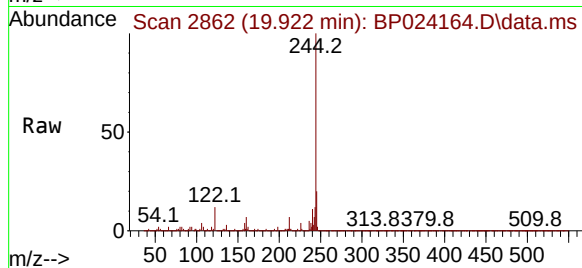




#79
Terphenyl-d14
Concen: 75.038 ng
RT: 19.922 min Scan# 2862
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

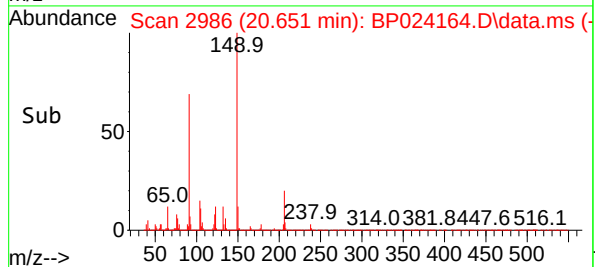
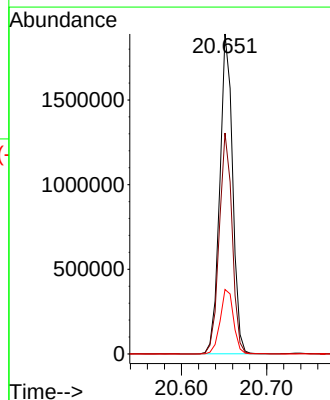
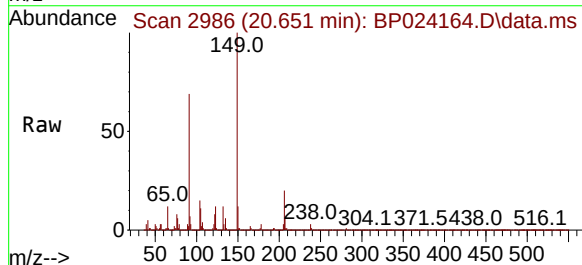
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

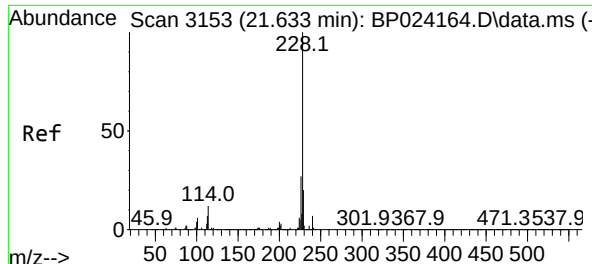
Tgt Ion:244 Resp: 7133778
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 12.0 9.6 14.4



#80
Butylbenzylphthalate
Concen: 43.087 ng
RT: 20.651 min Scan# 2986
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion:149 Resp: 1972887
Ion Ratio Lower Upper
149 100
91 69.1 55.3 82.9
206 20.1 16.1 24.1

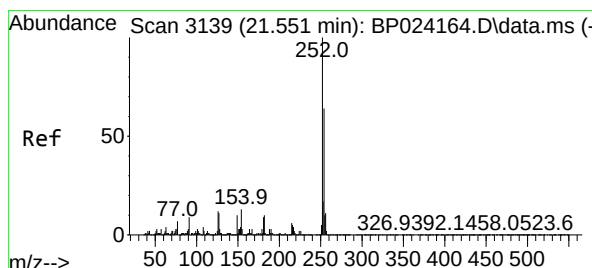
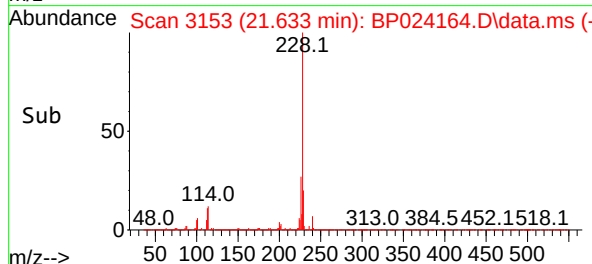
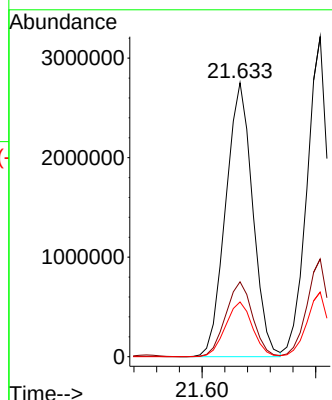
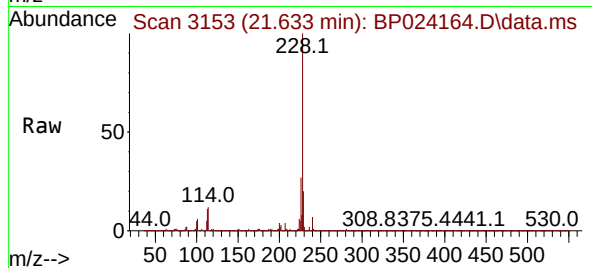




#81
Benzo(a)anthracene
Concen: 38.542 ng
RT: 21.633 min Scan# 3153
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

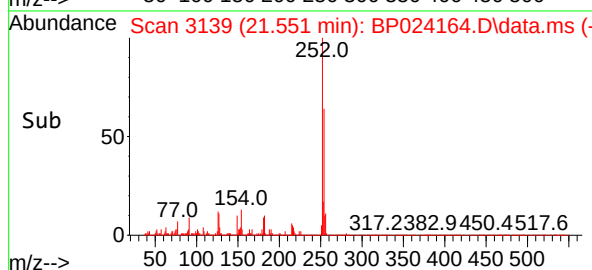
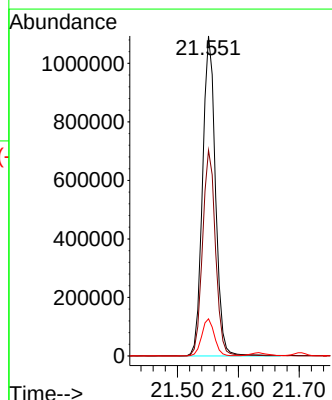
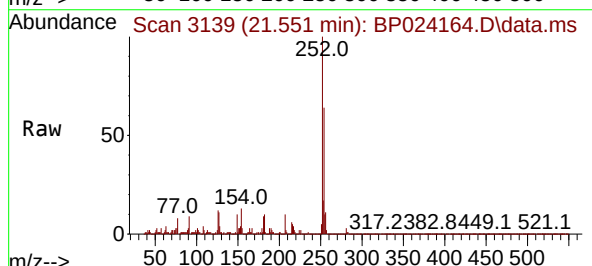
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

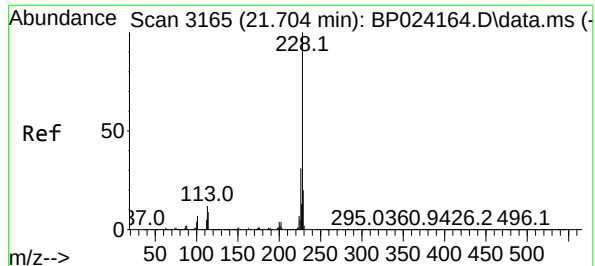
Tgt Ion:228 Resp: 4546432
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 20.0 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 43.694 ng
RT: 21.551 min Scan# 3139
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion:252 Resp: 1610565
Ion Ratio Lower Upper
252 100
254 64.3 51.4 77.2
126 11.6 9.3 13.9





#83

Chrysene

Concen: 38.298 ng

RT: 21.704 min Scan# 3165

Delta R.T. 0.000 min

Lab File: BP024164.D

Acq: 12 Mar 2025 19:00

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

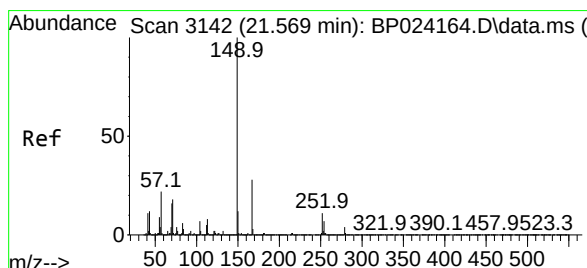
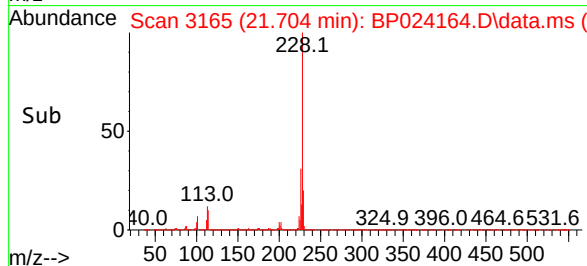
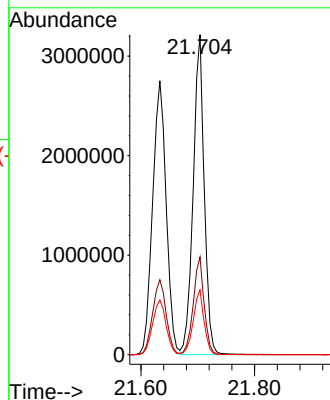
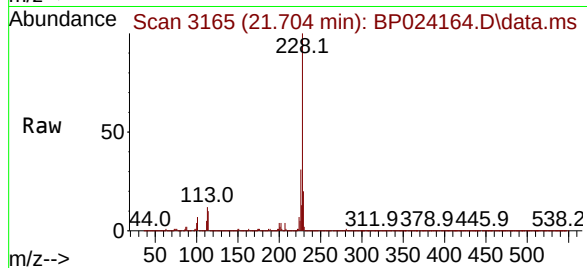
Tgt Ion:228 Resp: 4356257

Ion Ratio Lower Upper

228 100

226 30.6 24.5 36.7

229 20.2 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.929 ng

RT: 21.569 min Scan# 3142

Delta R.T. 0.000 min

Lab File: BP024164.D

Acq: 12 Mar 2025 19:00

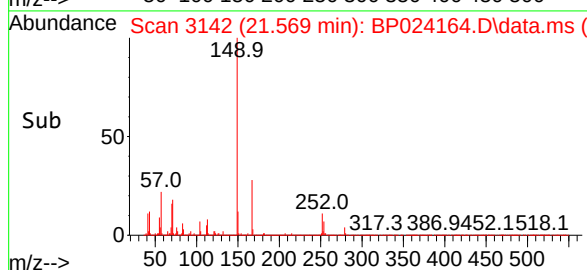
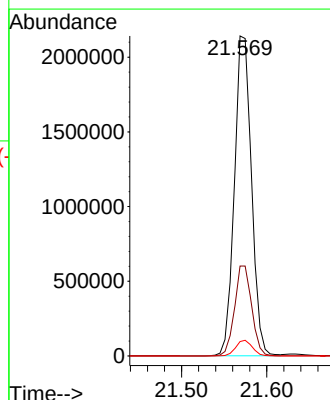
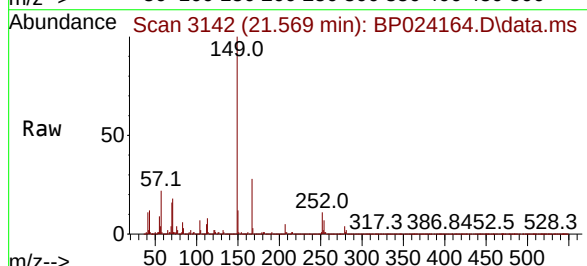
Tgt Ion:149 Resp: 2980735

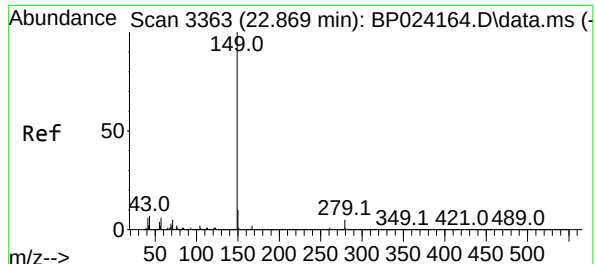
Ion Ratio Lower Upper

149 100

167 28.1 22.5 33.7

279 4.5 3.6 5.4

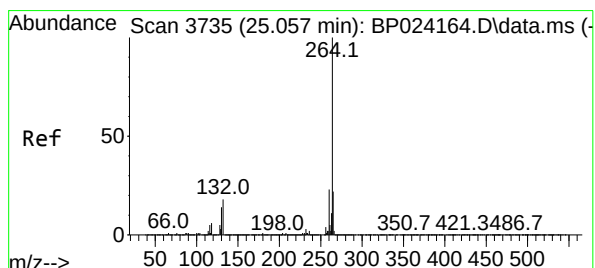
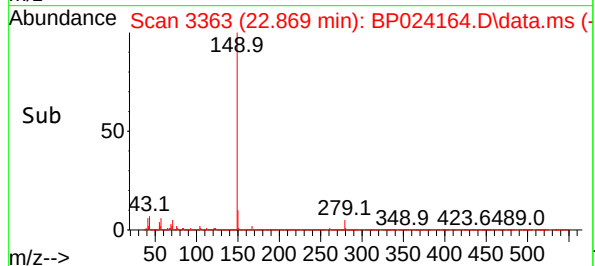
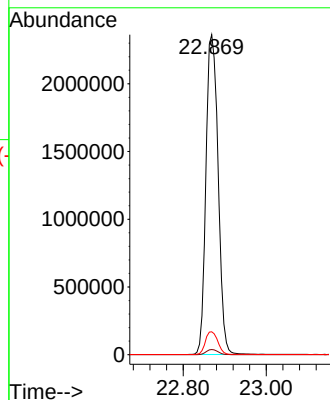
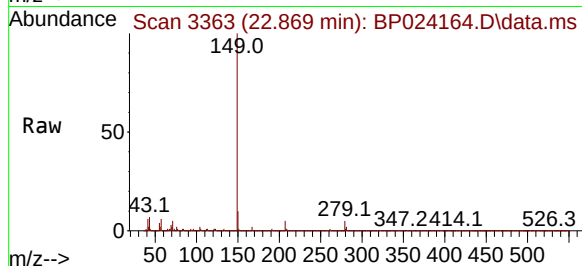




#85
Di-n-octyl phthalate
Concen: 43.129 ng
RT: 22.869 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

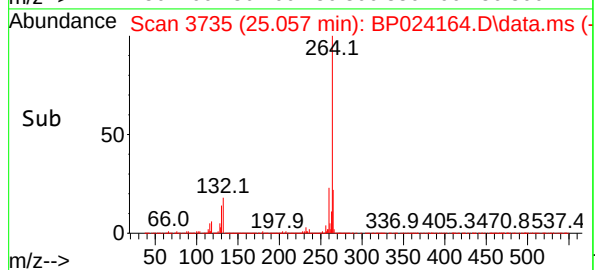
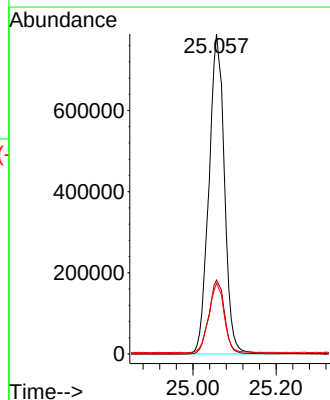
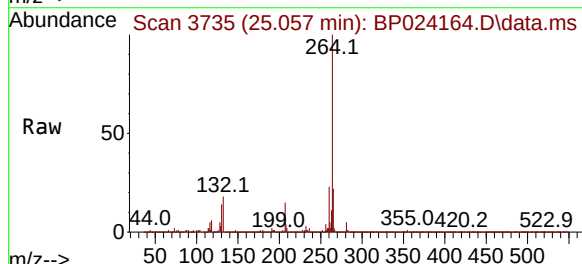
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

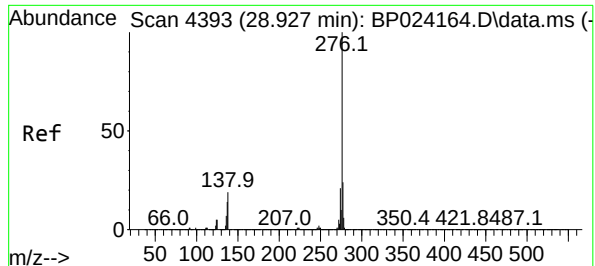
Tgt Ion:149 Resp: 4786749
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.3 5.8 8.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.057 min Scan# 3735
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion:264 Resp: 2043442
Ion Ratio Lower Upper
264 100
260 23.1 18.5 27.7
265 22.1 17.7 26.5

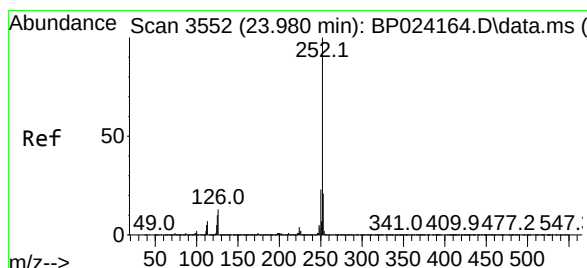
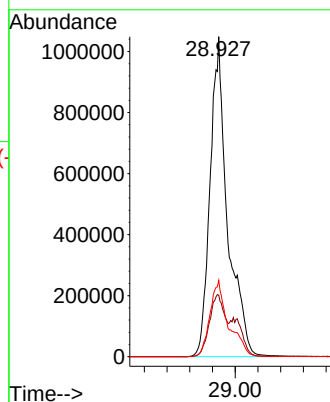
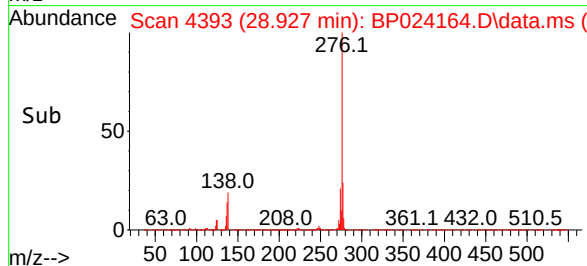
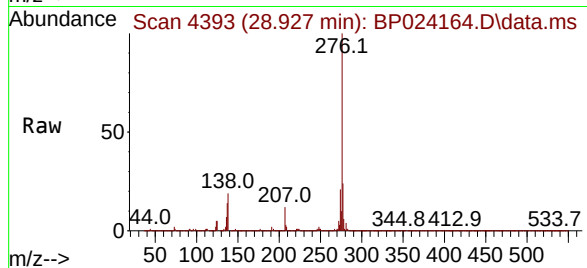




#87
Indeno(1,2,3-cd)pyrene
Concen: 38.410 ng
RT: 28.927 min Scan# 4393
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

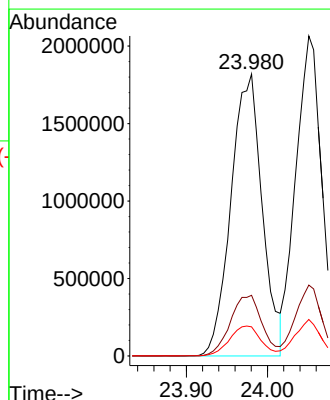
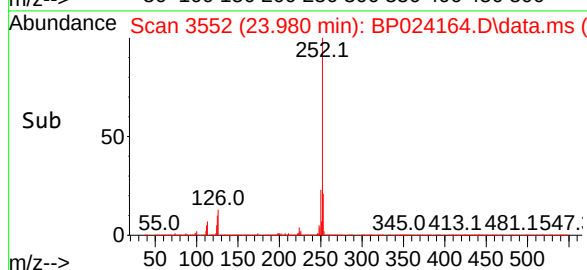
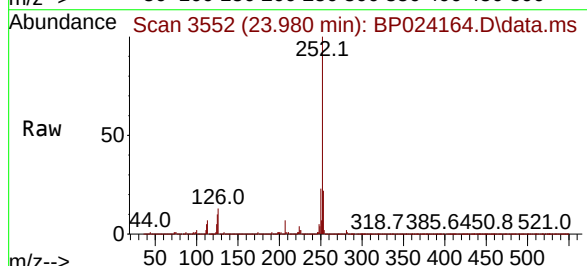
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

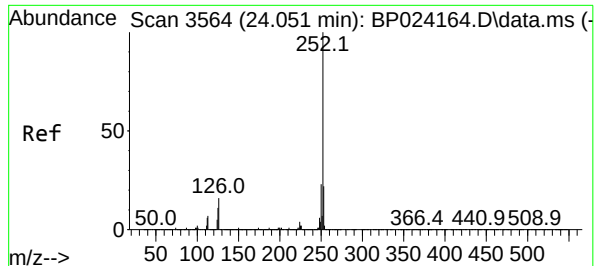
Tgt Ion:276 Resp: 5583803
Ion Ratio Lower Upper
276 100
138 17.1 13.7 20.5
277 25.2 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 37.490 ng
RT: 23.980 min Scan# 3552
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion:252 Resp: 4864855
Ion Ratio Lower Upper
252 100
253 21.5 17.2 25.8
125 10.3 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 36.566 ng

RT: 24.051 min Scan# 3564

Delta R.T. 0.000 min

Lab File: BP024164.D

Acq: 12 Mar 2025 19:00

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

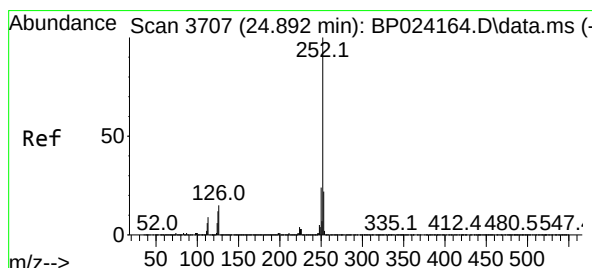
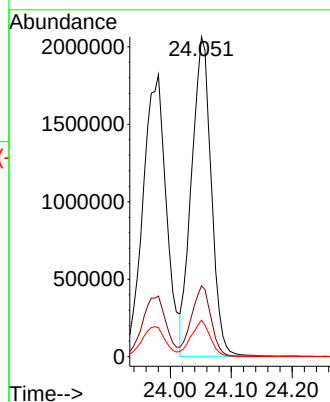
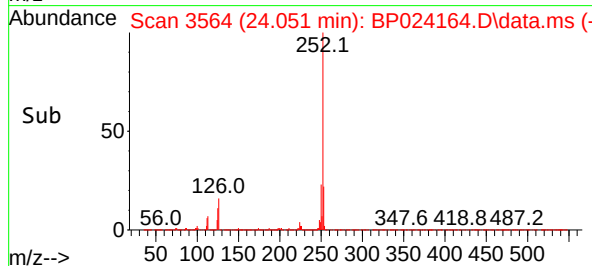
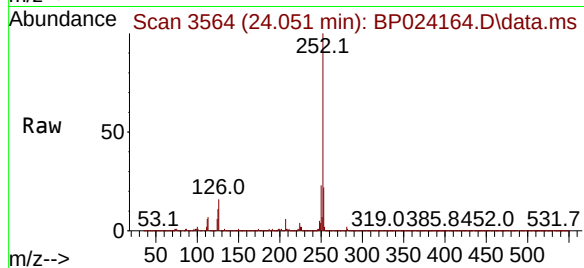
Tgt Ion:252 Resp: 4618537

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 11.4 9.1 13.7



#90

Benzo(a)pyrene

Concen: 38.180 ng

RT: 24.892 min Scan# 3707

Delta R.T. 0.000 min

Lab File: BP024164.D

Acq: 12 Mar 2025 19:00

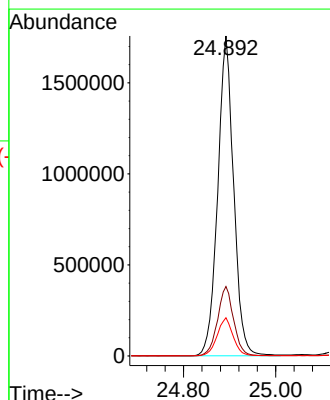
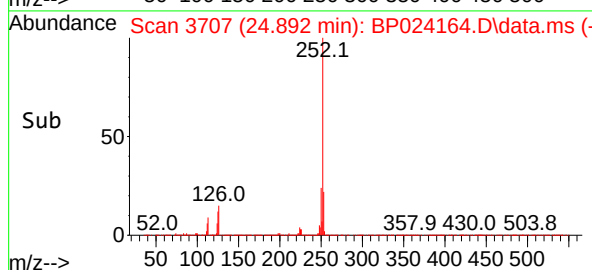
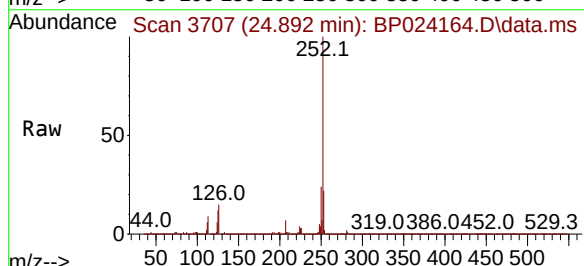
Tgt Ion:252 Resp: 4204610

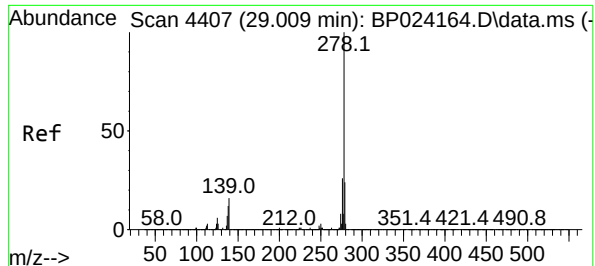
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 12.0 9.6 14.4

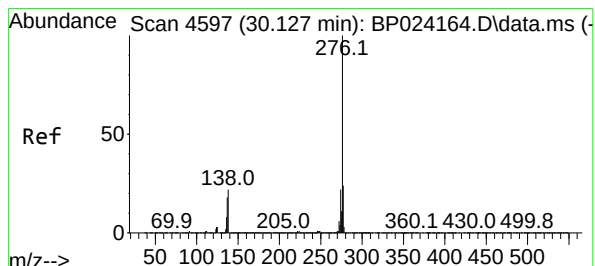
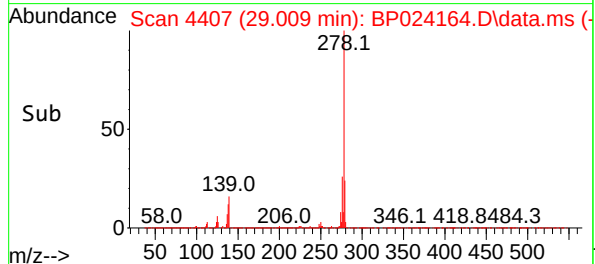
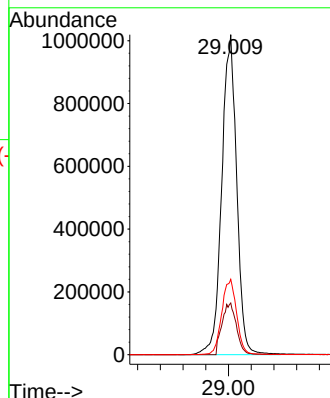
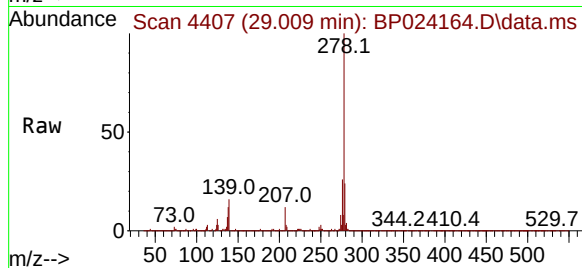




#91
Dibenzo(a,h)anthracene
Concen: 38.014 ng
RT: 29.009 min Scan# 4407
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

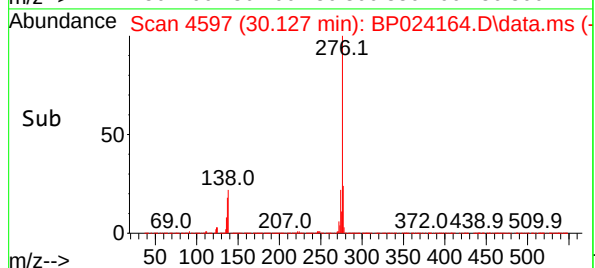
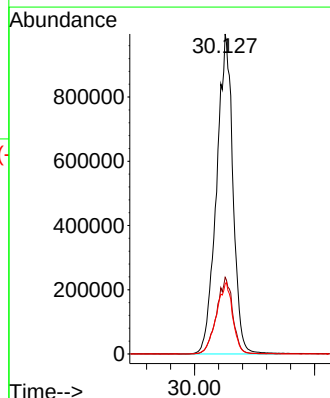
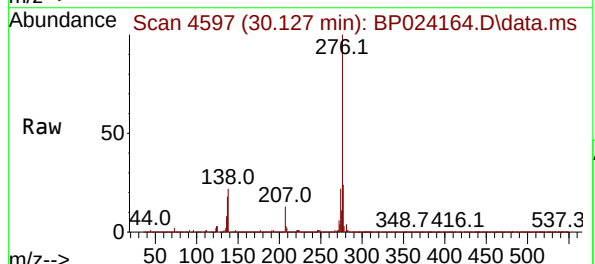
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:278 Resp: 4646524
Ion Ratio Lower Upper
278 100
139 16.2 13.0 19.4
279 23.5 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 38.011 ng
RT: 30.127 min Scan# 4597
Delta R.T. 0.000 min
Lab File: BP024164.D
Acq: 12 Mar 2025 19:00

Tgt Ion:276 Resp: 4714749
Ion Ratio Lower Upper
276 100
277 24.0 19.2 28.8
138 21.8 17.4 26.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
 Data File : BP024165.D
 Acq On : 12 Mar 2025 19:41
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC050

Quant Time: Mar 13 04:09:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 04:01:12 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	362382	20.000	ng	0.00
21) Naphthalene-d8	10.551	136	1504882	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	918204	20.000	ng	0.00
64) Phenanthrene-d10	17.216	188	1730200	20.000	ng	0.01
76) Chrysene-d12	21.674	240	1856010	20.000	ng	0.02
86) Perylene-d12	25.086	264	2039908	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	2339783	100.747	ng	0.00
7) Phenol-d6	6.952	99	3169724	106.191	ng	0.00
23) Nitrobenzene-d5	8.928	82	2723412	100.962	ng	0.00
42) 2,4,6-Tribromophenol	15.928	330	1240173	110.267	ng	0.01
45) 2-Fluorobiphenyl	13.022	172	6129086	93.318	ng	0.00
79) Terphenyl-d14	19.945	244	8967575	95.606	ng	0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.316	88	449736	49.365	ng	100
3) Pyridine	3.716	79	1264797m	53.398	ng	
4) n-Nitrosodimethylamine	3.622	42	417922	49.741	ng	99
6) Aniline	7.110	93	1402509	51.307	ng	100
8) 2-Chlorophenol	7.346	128	1260095	51.262	ng	98
9) Benzaldehyde	6.922	77	680024	49.899	ng	99
10) Phenol	6.981	94	1580281	52.648	ng	98
11) bis(2-Chloroethyl)ether	7.199	93	1214752	51.383	ng	99
12) 1,3-Dichlorobenzene	7.663	146	1338137	49.552	ng	99
13) 1,4-Dichlorobenzene	7.810	146	1352373	49.520	ng	100
14) 1,2-Dichlorobenzene	8.122	146	1299613	49.586	ng	99
15) Benzyl Alcohol	8.010	79	1016261	55.621	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.299	45	1236313	53.871	ng	99
17) 2-Methylphenol	8.216	107	1010720	55.257	ng	100
18) Hexachloroethane	8.846	117	482437	49.052	ng	97
19) n-Nitroso-di-n-propyla...	8.575	70	929876	57.939	ng	99
20) 3+4-Methylphenols	8.540	107	1401754	56.333	ng	99
22) Acetophenone	8.587	105	1912289	49.450	ng	# 99
24) Nitrobenzene	8.969	77	1335288	50.299	ng	99
25) Isophorone	9.487	82	2389410	54.168	ng	100
26) 2-Nitrophenol	9.669	139	686089	56.096	ng	99
27) 2,4-Dimethylphenol	9.734	122	840657	52.362	ng	99
28) bis(2-Chloroethoxy)met...	9.963	93	1612977	50.476	ng	100
29) 2,4-Dichlorophenol	10.210	162	1152247	52.591	ng	98
30) 1,2,4-Trichlorobenzene	10.416	180	1212617	48.306	ng	99
31) Naphthalene	10.604	128	4020722	49.689	ng	100
32) Benzoic acid	9.893	122	900054	61.152	ng	99
33) 4-Chloroaniline	10.710	127	1481634	51.976	ng	99
34) Hexachlorobutadiene	10.893	225	703606	48.392	ng	99
35) Caprolactam	11.510	113	402356	60.646	ng	98
36) 4-Chloro-3-methylphenol	11.845	107	1251209	55.551	ng	100
37) 2-Methylnaphthalene	12.216	142	2749915	51.131	ng	100
38) 1-Methylnaphthalene	12.434	142	2647375	50.600	ng	99
40) 1,2,4,5-Tetrachloroben...	12.587	216	1331287	47.188	ng	100
41) Hexachlorocyclopentadiene	12.569	237	503901	47.999	ng	99
43) 2,4,6-Trichlorophenol	12.828	196	896606	52.112	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
 Data File : BP024165.D
 Acq On : 12 Mar 2025 19:41
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC050

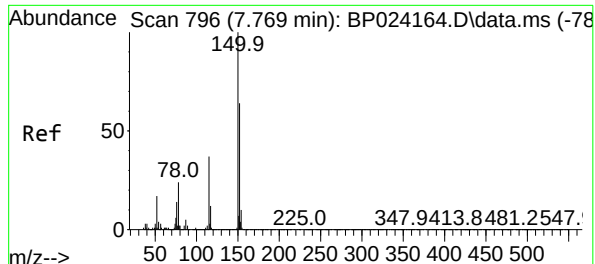
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 04:01:12 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.904	196	969372	51.517	ng	99
46) 1,1'-Biphenyl	13.234	154	3427883	48.043	ng	100
47) 2-Chloronaphthalene	13.275	162	2559098	47.446	ng	99
48) 2-Nitroaniline	13.475	65	714343	56.066	ng	97
49) Acenaphthylene	14.128	152	4015684	50.533	ng	100
50) Dimethylphthalate	13.869	163	3252950	50.224	ng	100
51) 2,6-Dinitrotoluene	13.981	165	715171	54.206	ng	99
52) Acenaphthene	14.481	154	2516832	49.182	ng	99
53) 3-Nitroaniline	14.310	138	790217	56.128	ng	98
54) 2,4-Dinitrophenol	14.528	184	410616	58.439	ng	99
55) Dibenzofuran	14.816	168	4058172	48.816	ng	99
56) 4-Nitrophenol	14.639	139	685687	56.382	ng	98
57) 2,4-Dinitrotoluene	14.781	165	971087	56.659	ng	99
58) Fluorene	15.481	166	3230571	49.759	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	851401	52.152	ng	100
60) Diethylphthalate	15.251	149	3265289	50.786	ng	99
61) 4-Chlorophenyl-phenyle...	15.475	204	1572773	49.216	ng	99
62) 4-Nitroaniline	15.504	138	831169	56.889	ng	99
63) Azobenzene	15.769	77	3077821	51.085	ng	98
65) 4,6-Dinitro-2-methylph...	15.563	198	551280	55.051	ng	97
66) n-Nitrosodiphenylamine	15.686	169	2670636	49.497	ng	99
67) 4-Bromophenyl-phenylether	16.386	248	968698	49.858	ng	98
68) Hexachlorobenzene	16.510	284	1136445	49.709	ng	99
69) Atrazine	16.669	200	452391	32.672	ng	99
70) Pentachlorophenol	16.863	266	796545	53.644	ng	99
71) Phenanthrene	17.257	178	4759945	48.797	ng	100
72) Anthracene	17.351	178	4723119	50.526	ng	100
73) Carbazole	17.633	167	4585466	51.485	ng	100
74) Di-n-butylphthalate	18.222	149	5502824	52.951	ng	100
75) Fluoranthene	19.345	202	5644914	51.163	ng	99
77) Benzidine	19.539	184	804810	35.585	ng	99
78) Pyrene	19.727	202	5876091	49.843	ng	100
80) Butylbenzylphthalate	20.674	149	2571381	56.920	ng	99
81) Benzo(a)anthracene	21.657	228	5851357	50.277	ng	100
82) 3,3'-Dichlorobenzidine	21.580	252	2015249	55.414	ng	99
83) Chrysene	21.727	228	5625314	50.126	ng	100
84) Bis(2-ethylhexyl)phtha...	21.592	149	3802016	55.499	ng	100
85) Di-n-octyl phthalate	22.904	149	6298049	57.516	ng	100
87) Indeno(1,2,3-cd)pyrene	28.956	276	7354717	50.680	ng	99
88) Benzo(b)fluoranthene	24.004	252	6342083	48.959	ng	98
89) Benzo(k)fluoranthene	24.080	252	6136938	48.672	ng	99
90) Benzo(a)pyrene	24.927	252	5581393	50.770	ng	99
91) Dibenzo(a,h)anthracene	29.045	278	6072440	49.766	ng	99
92) Benzo(g,h,i)perylene	30.168	276	6130219	49.509	ng	99

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

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

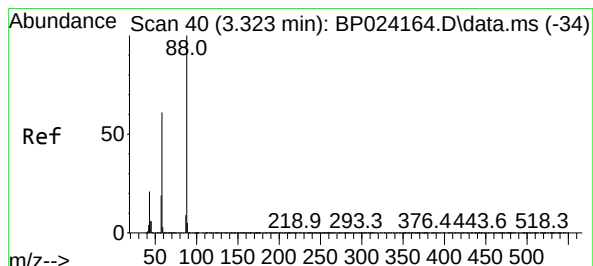
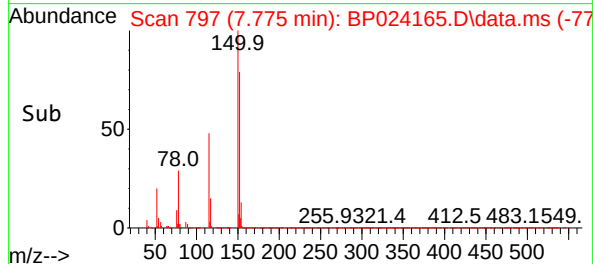
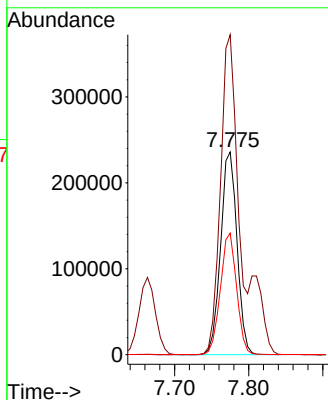
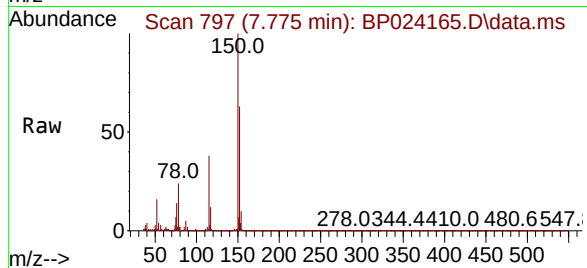
[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 79
Delta R.T. 0.006 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

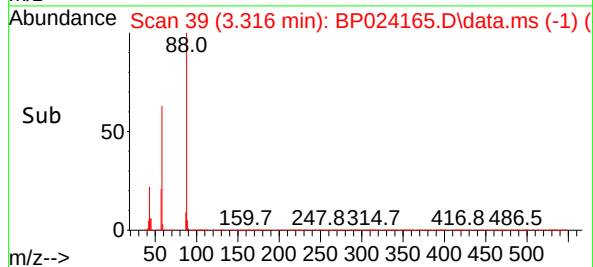
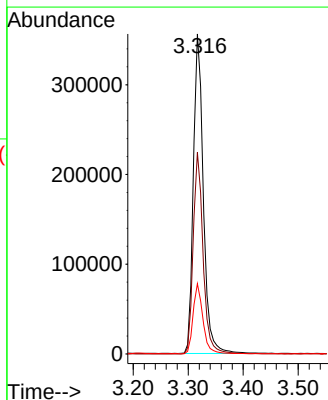
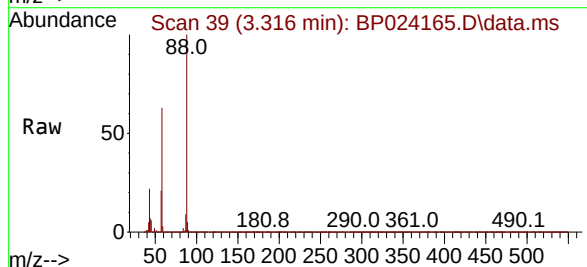
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

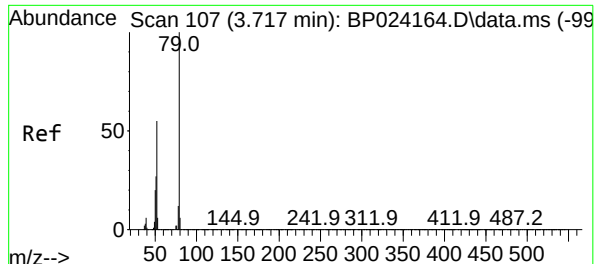
Tgt Ion:152 Resp: 362382
Ion Ratio Lower Upper
152 100
150 157.9 125.5 188.3
115 60.0 46.3 69.5



#2
1,4-Dioxane
Concen: 49.365 ng
RT: 3.316 min Scan# 39
Delta R.T. -0.006 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion: 88 Resp: 449736
Ion Ratio Lower Upper
88 100
58 62.6 49.8 74.6
43 21.6 17.3 25.9





#3

Pyridine

Concen: 53.398 ng m

RT: 3.716 min Scan# 107

Delta R.T. -0.000 min

Lab File: BP024165.D

Acq: 12 Mar 2025 19:41

Instrument :

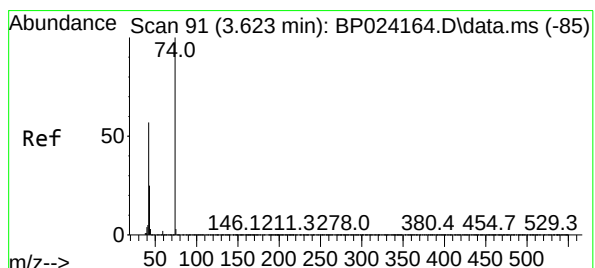
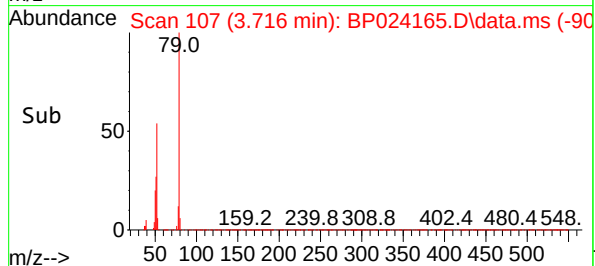
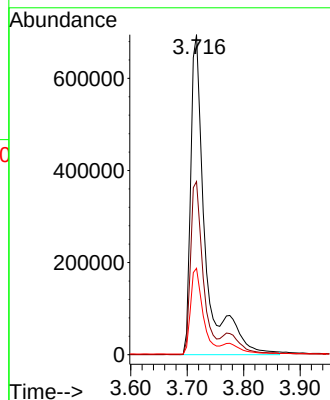
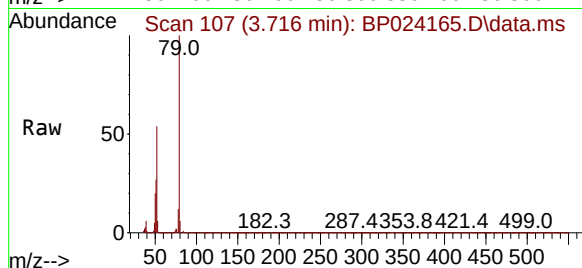
BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion: 79 Resp: 1264797

Ion	Ratio	Lower	Upper
79	100		
52	54.1	43.8	65.8
51	27.0	21.6	32.4



#4

n-Nitrosodimethylamine

Concen: 49.741 ng

RT: 3.622 min Scan# 91

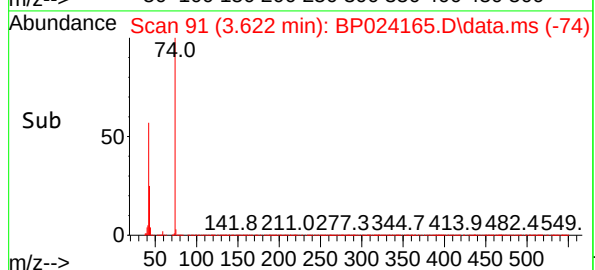
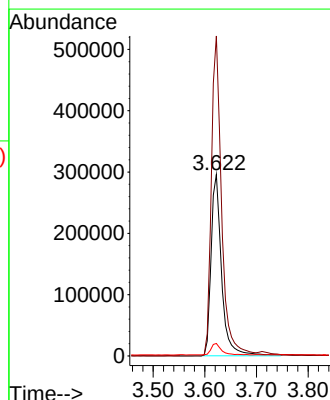
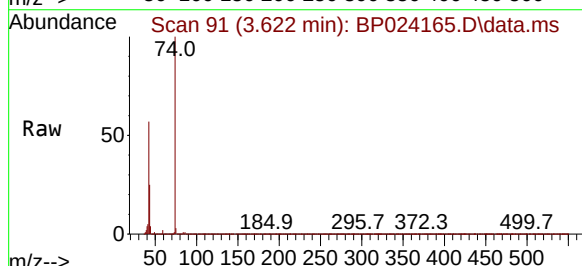
Delta R.T. -0.000 min

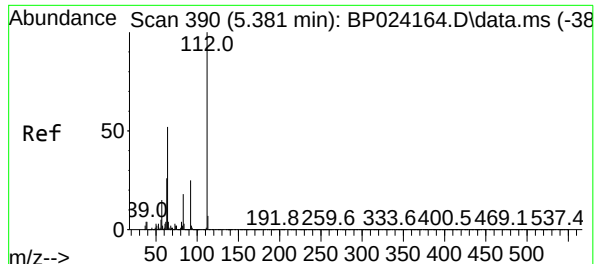
Lab File: BP024165.D

Acq: 12 Mar 2025 19:41

Tgt Ion: 42 Resp: 417922

Ion	Ratio	Lower	Upper
42	100		
74	176.4	139.8	209.6
44	6.9	5.3	7.9

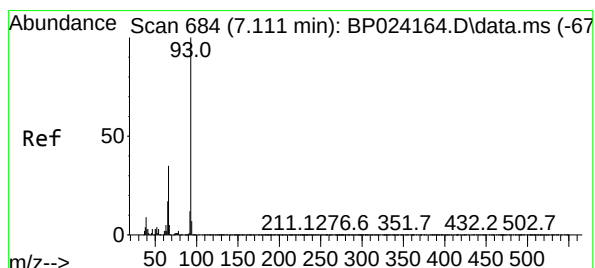
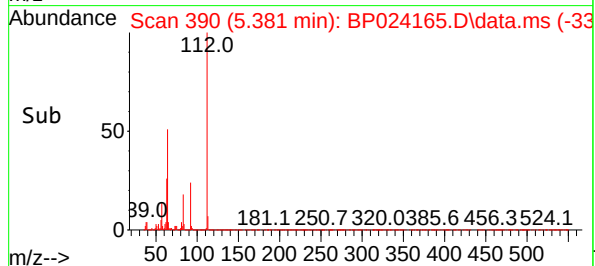
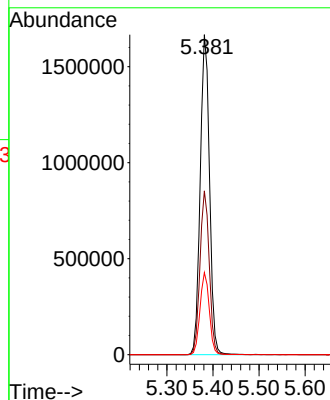
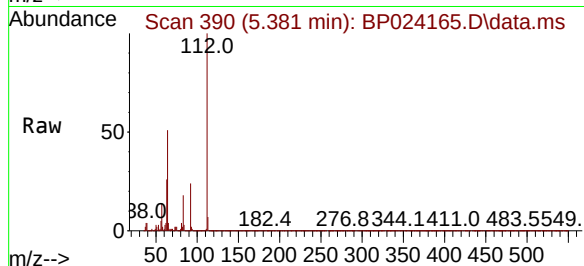




#5
2-Fluorophenol
Concen: 100.747 ng
RT: 5.381 min Scan# 390
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

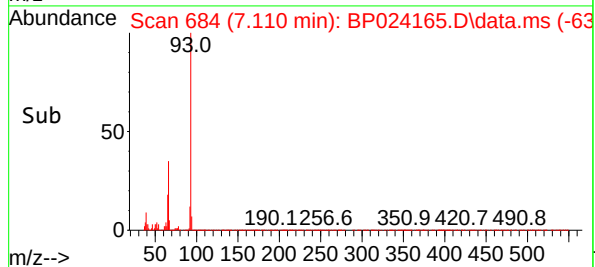
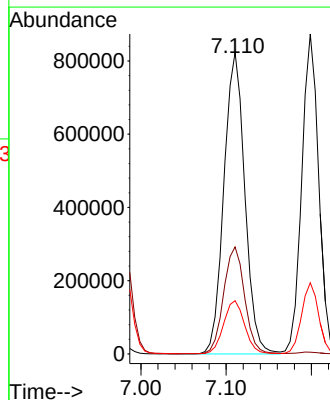
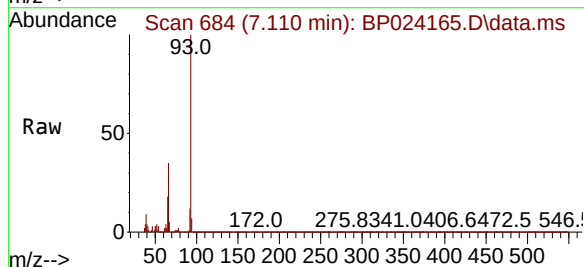
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BNA_P
ClientSampleId :
SSTDICC050

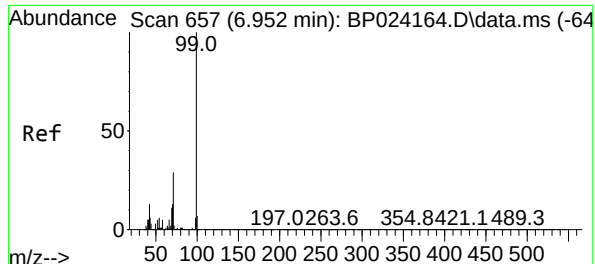
Tgt Ion:112 Resp: 2339783
Ion Ratio Lower Upper
112 100
64 51.2 41.3 61.9
63 25.7 20.6 31.0



#6
Aniline
Concen: 51.307 ng
RT: 7.110 min Scan# 684
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion: 93 Resp: 1402509
Ion Ratio Lower Upper
93 100
66 35.5 28.2 42.2
65 17.7 14.0 21.0





#7

Phenol-d6

Concen: 106.191 ng

RT: 6.952 min Scan# 61

Delta R.T. -0.000 min

Lab File: BP024165.D

Acq: 12 Mar 2025 19:41

Instrument :

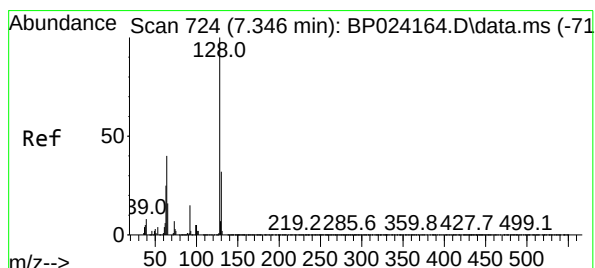
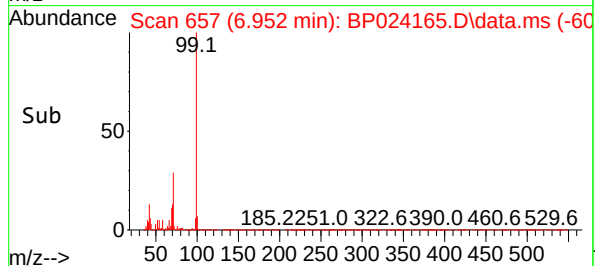
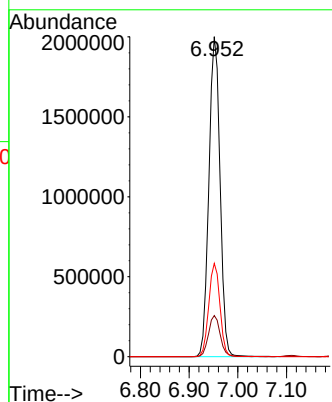
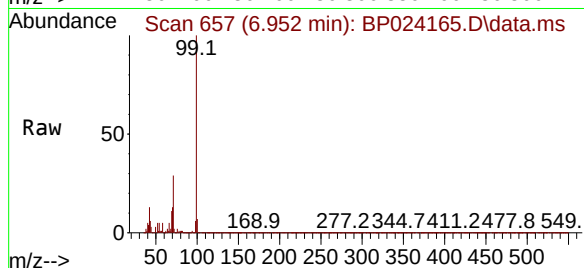
BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion: 99 Resp: 3169724

Ion	Ratio	Lower	Upper
99	100		
42	12.9	10.6	16.0
71	29.1	23.3	34.9



#8

2-Chlorophenol

Concen: 51.262 ng

RT: 7.346 min Scan# 724

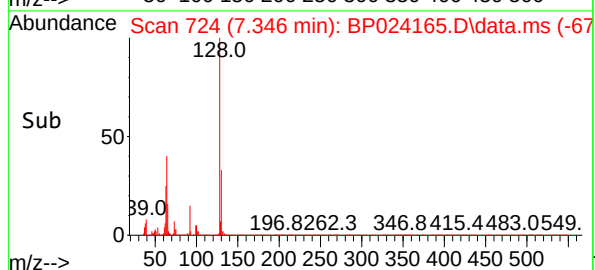
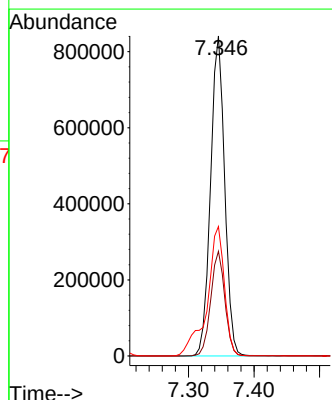
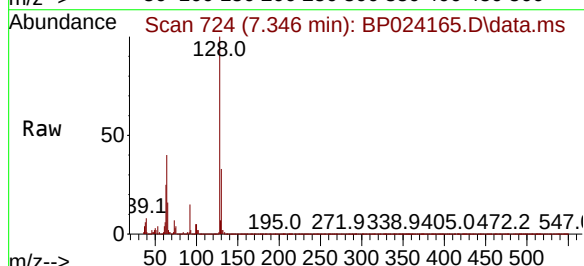
Delta R.T. -0.000 min

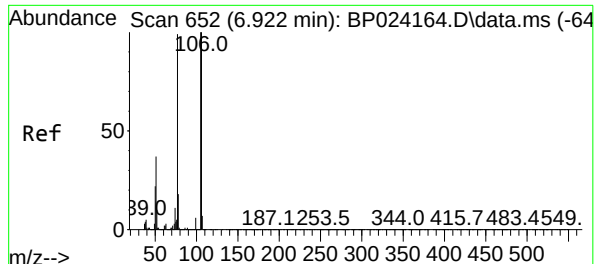
Lab File: BP024165.D

Acq: 12 Mar 2025 19:41

Tgt Ion: 128 Resp: 1260095

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.0	52.0
64	40.4	21.6	61.6

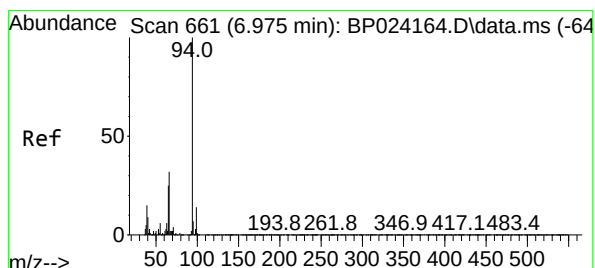
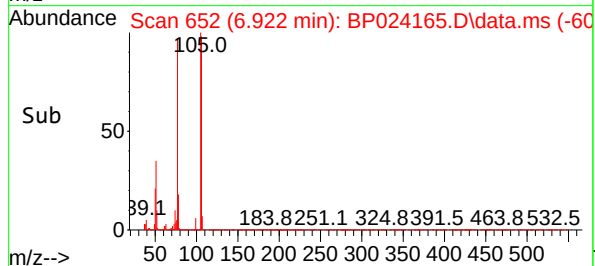
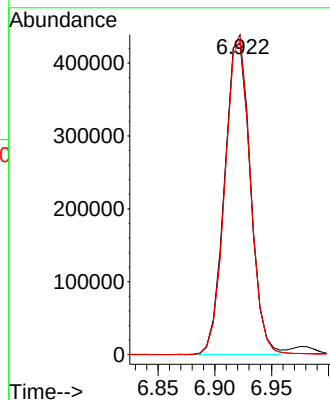
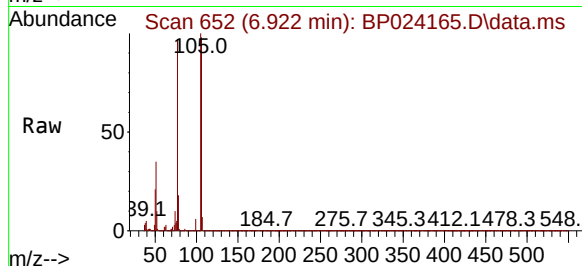




#9
Benzaldehyde
Concen: 49.899 ng
RT: 6.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

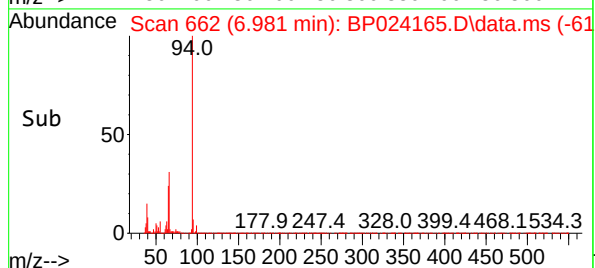
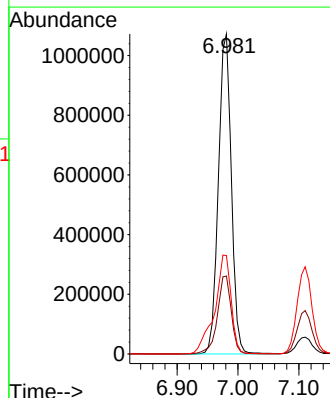
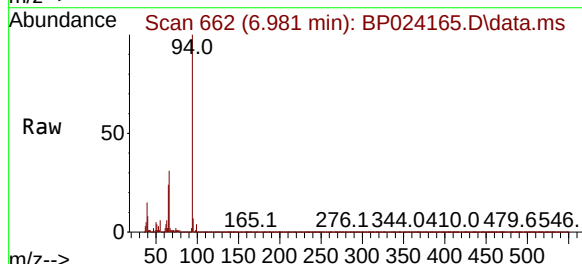
Instrument :
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ClientSampleId :
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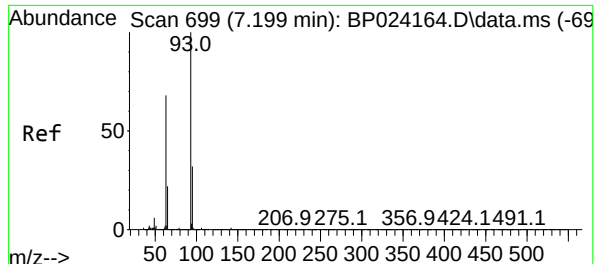
Tgt Ion: 77 Resp: 680024
Ion Ratio Lower Upper
77 100
105 102.9 81.4 121.4
106 101.1 81.1 121.1



#10
Phenol
Concen: 52.648 ng
RT: 6.981 min Scan# 662
Delta R.T. 0.006 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion: 94 Resp: 1580281
Ion Ratio Lower Upper
94 100
65 24.4 4.9 44.9
66 30.8 11.9 51.9





#11

bis(2-Chloroethyl)ether

Concen: 51.383 ng

RT: 7.199 min Scan# 699

Delta R.T. -0.000 min

Lab File: BP024165.D

Acq: 12 Mar 2025 19:41

Instrument :

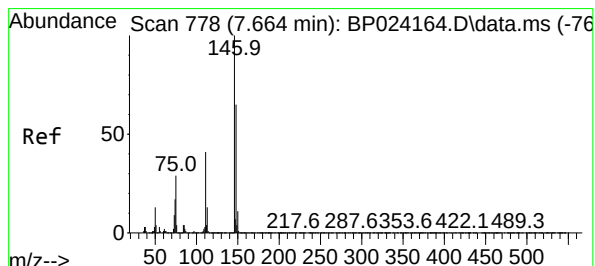
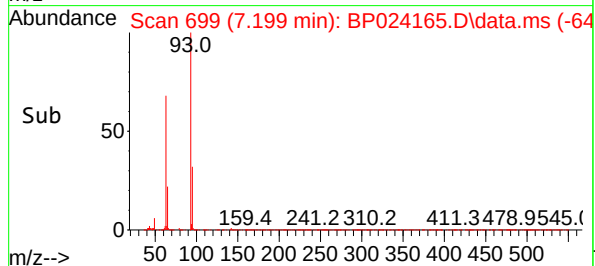
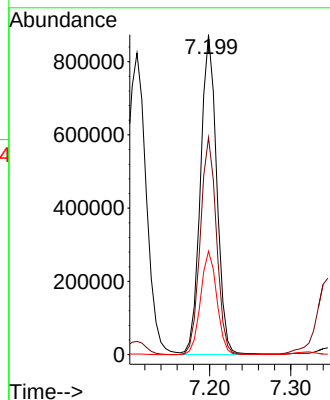
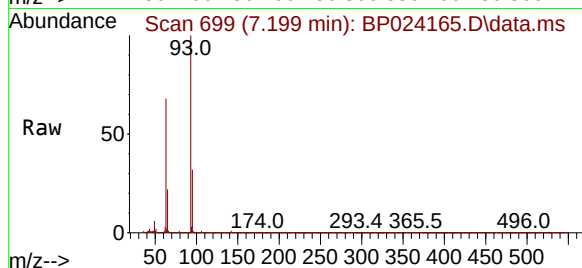
BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion: 93 Resp: 1214752

Ion	Ratio	Lower	Upper
93	100		
63	67.9	47.4	87.4
95	32.4	12.1	52.1



#12

1,3-Dichlorobenzene

Concen: 49.552 ng

RT: 7.663 min Scan# 778

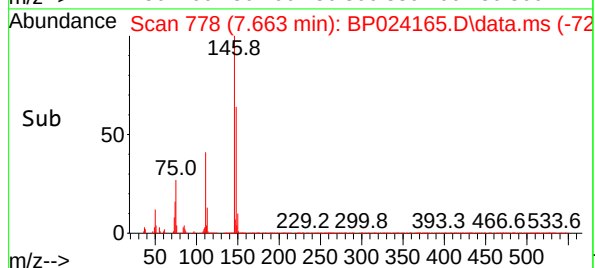
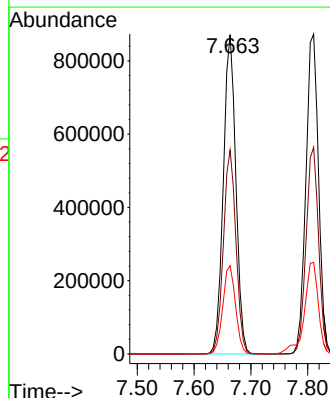
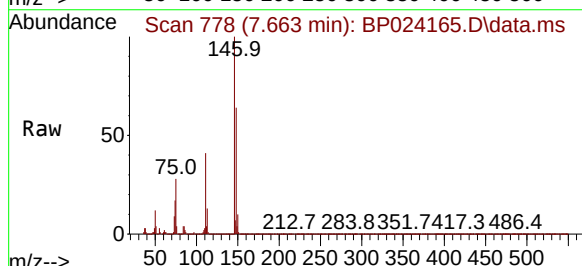
Delta R.T. -0.000 min

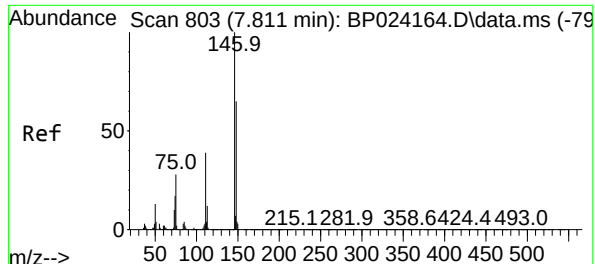
Lab File: BP024165.D

Acq: 12 Mar 2025 19:41

Tgt Ion: 146 Resp: 1338137

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.6	77.4
75	27.6	22.8	34.2





#13

1,4-Dichlorobenzene

Concen: 49.520 ng

RT: 7.810 min Scan# 803

Delta R.T. -0.000 min

Lab File: BP024165.D

Acq: 12 Mar 2025 19:41

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

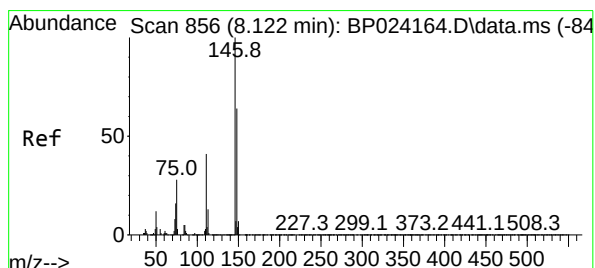
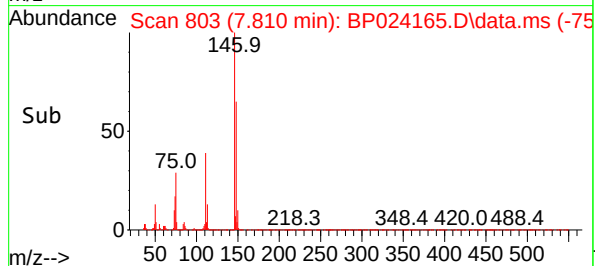
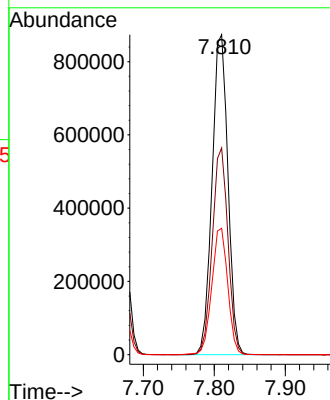
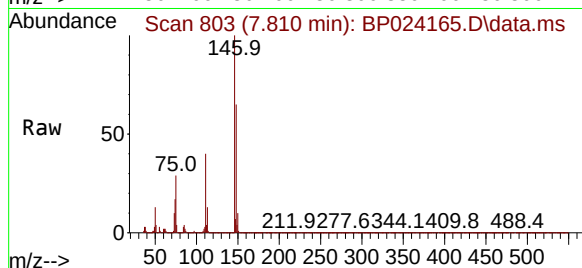
Tgt Ion:146 Resp: 1352373

Ion Ratio Lower Upper

146 100

148 64.6 51.9 77.9

111 39.5 31.4 47.2



#14

1,2-Dichlorobenzene

Concen: 49.586 ng

RT: 8.122 min Scan# 856

Delta R.T. -0.000 min

Lab File: BP024165.D

Acq: 12 Mar 2025 19:41

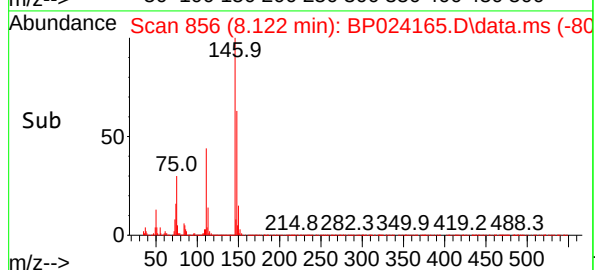
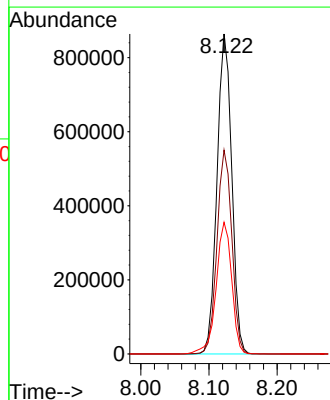
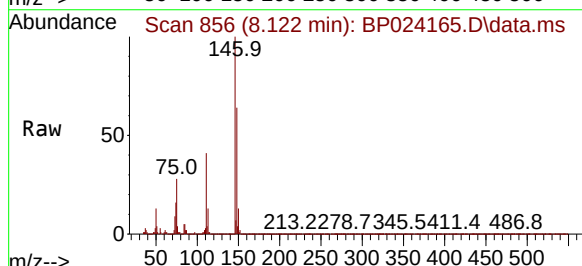
Tgt Ion:146 Resp: 1299613

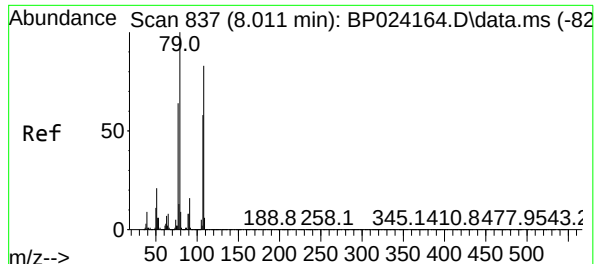
Ion Ratio Lower Upper

146 100

148 63.7 51.4 77.2

111 41.2 33.2 49.8





#15

Benzyl Alcohol

Concen: 55.621 ng

RT: 8.010 min Scan# 81

Delta R.T. -0.000 min

Lab File: BP024165.D

Acq: 12 Mar 2025 19:41

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

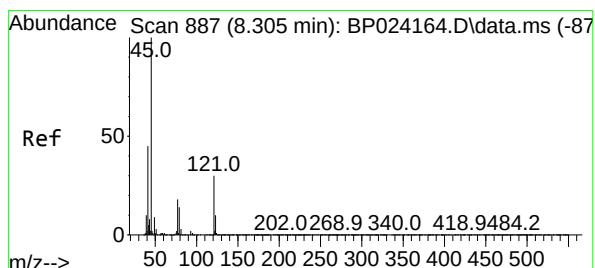
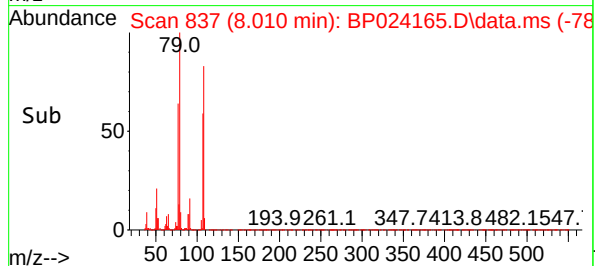
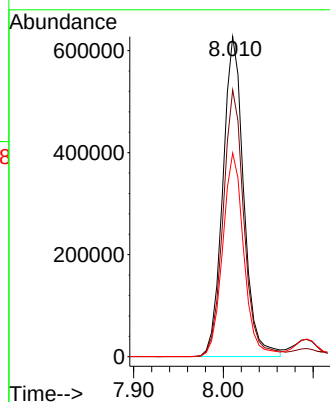
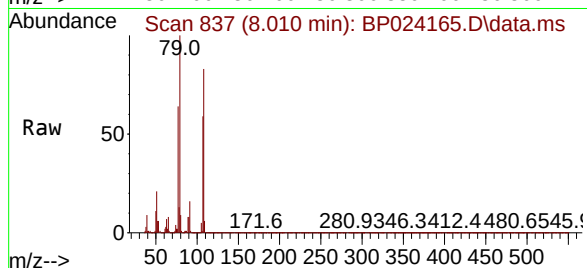
Tgt Ion: 79 Resp: 1016261

Ion Ratio Lower Upper

79 100

108 83.4 66.5 99.7

77 63.7 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 53.871 ng

RT: 8.299 min Scan# 886

Delta R.T. -0.006 min

Lab File: BP024165.D

Acq: 12 Mar 2025 19:41

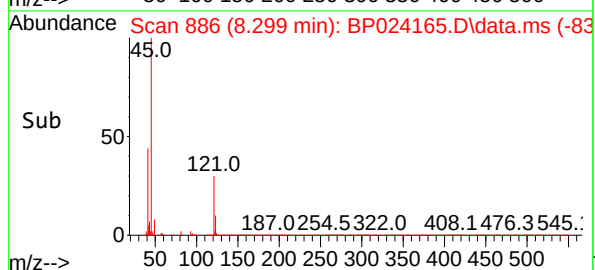
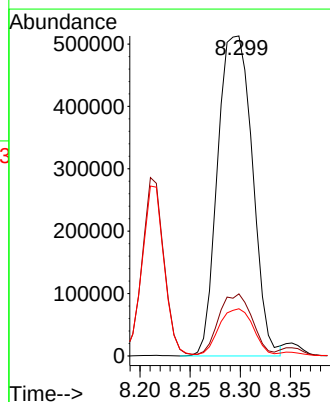
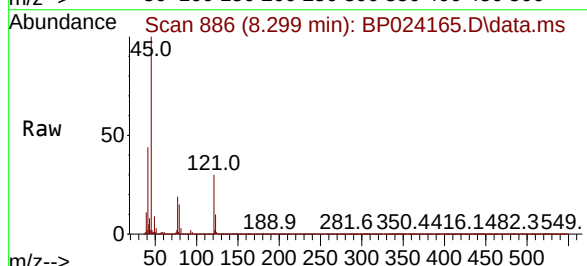
Tgt Ion: 45 Resp: 1236313

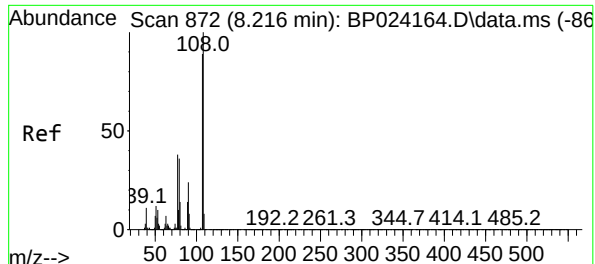
Ion Ratio Lower Upper

45 100

77 19.4 0.0 39.0

79 14.8 0.0 35.6





#17

2-Methylphenol

Concen: 55.257 ng

RT: 8.216 min Scan# 81

Delta R.T. -0.000 min

Lab File: BP024165.D

Acq: 12 Mar 2025 19:41

Instrument :

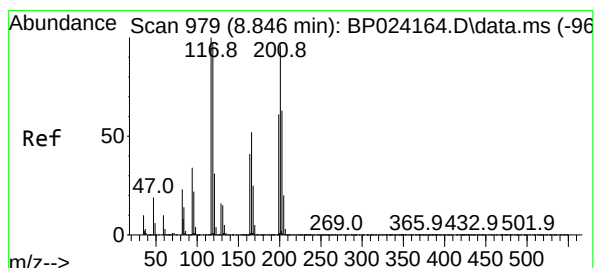
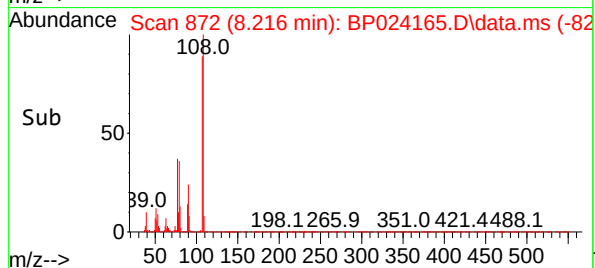
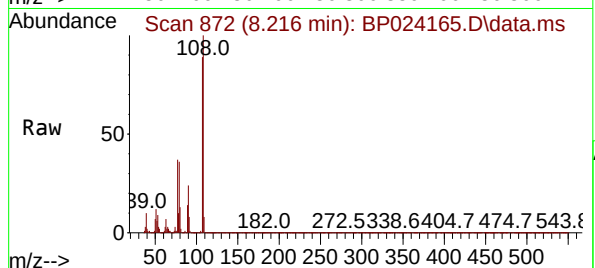
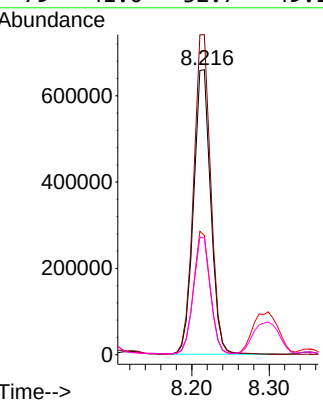
BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:107 Resp: 1010720

Ion	Ratio	Lower	Upper
107	100		
108	112.3	90.0	135.0
77	41.9	34.0	51.0
79	41.0	32.7	49.1



#18

Hexachloroethane

Concen: 49.052 ng

RT: 8.846 min Scan# 979

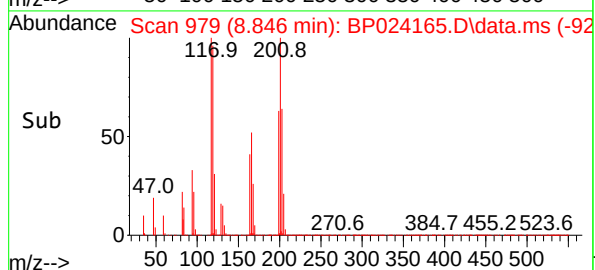
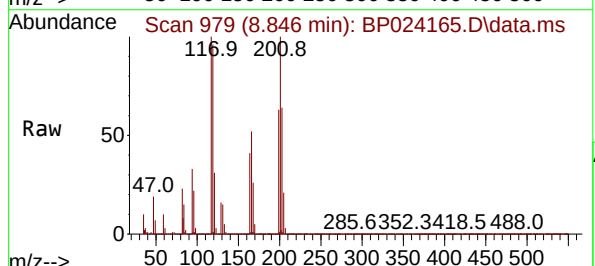
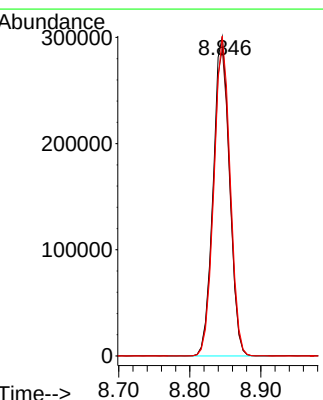
Delta R.T. -0.000 min

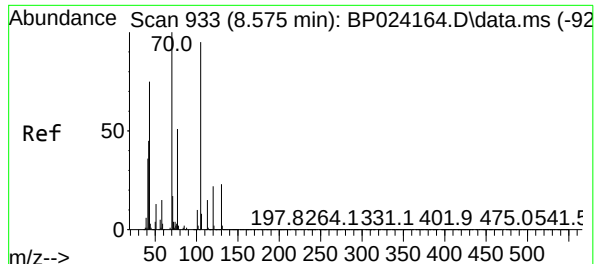
Lab File: BP024165.D

Acq: 12 Mar 2025 19:41

Tgt Ion:117 Resp: 482437

Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.4	116.0
201	100.3	76.6	114.8





#19

n-Nitroso-di-n-propylamine

Concen: 57.939 ng

RT: 8.575 min Scan# 91

Delta R.T. -0.000 min

Lab File: BP024165.D

Acq: 12 Mar 2025 19:41

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion: 70 Resp: 929876

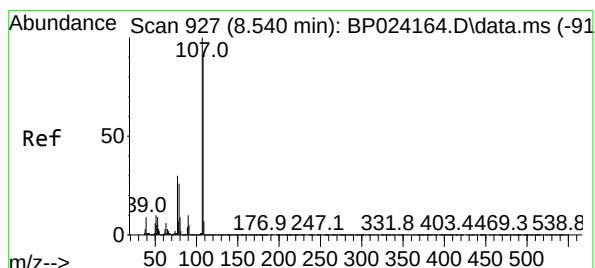
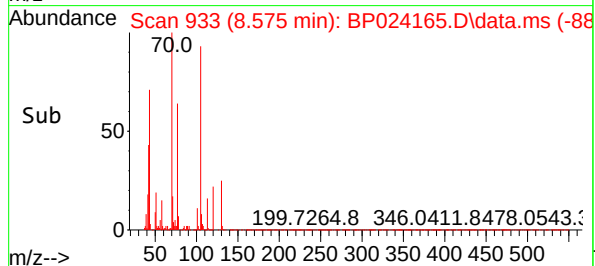
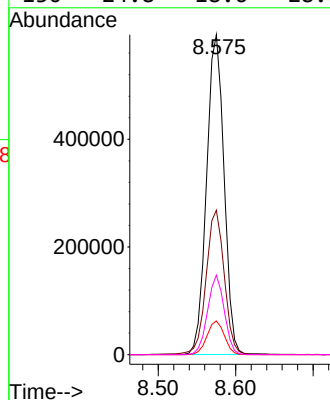
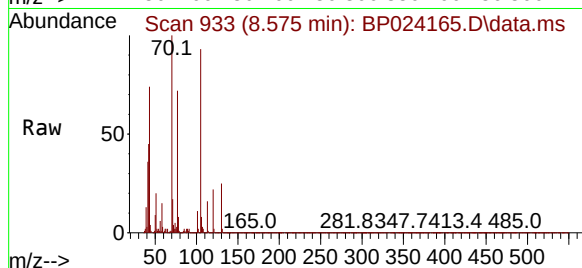
Ion Ratio Lower Upper

70 100

42 45.2 36.0 54.0

101 10.5 8.3 12.5

130 24.8 18.6 28.0



#20

3+4-Methylphenols

Concen: 56.333 ng

RT: 8.540 min Scan# 927

Delta R.T. -0.000 min

Lab File: BP024165.D

Acq: 12 Mar 2025 19:41

Tgt Ion: 107 Resp: 1401754

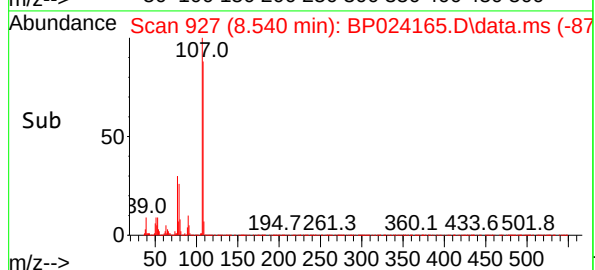
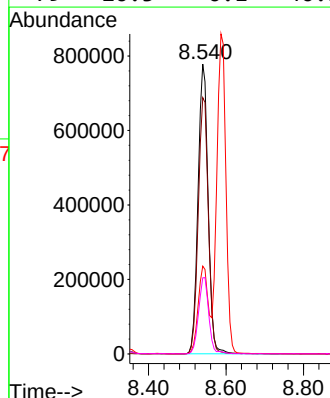
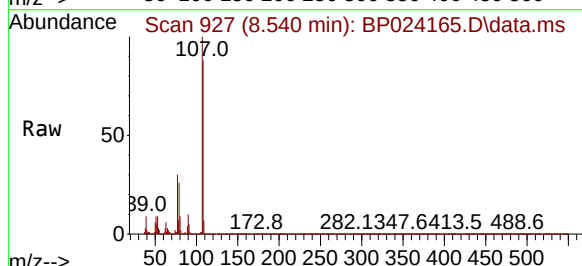
Ion Ratio Lower Upper

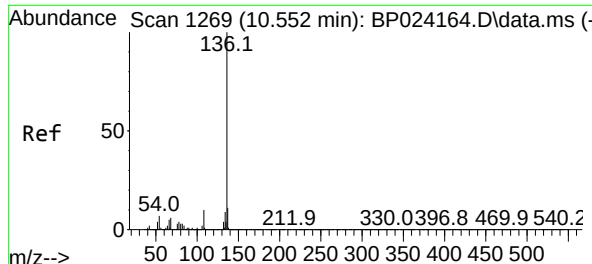
107 100

108 88.4 69.7 109.7

77 30.3 10.3 50.3

79 26.3 6.1 46.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.551 min Scan# 1269

Delta R.T. -0.000 min

Lab File: BP024165.D

Acq: 12 Mar 2025 19:41

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:136 Resp: 1504882

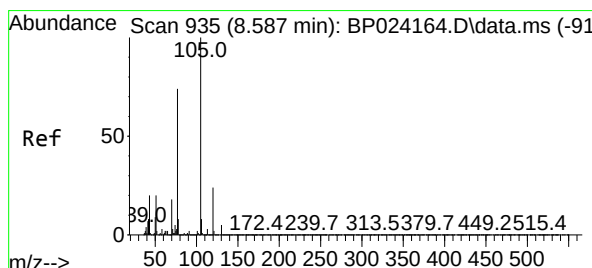
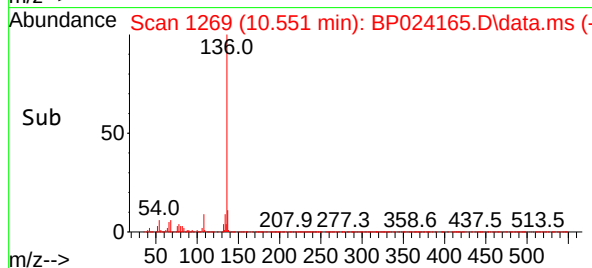
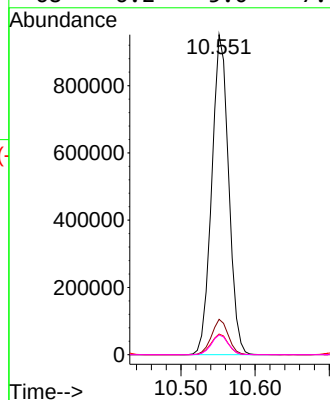
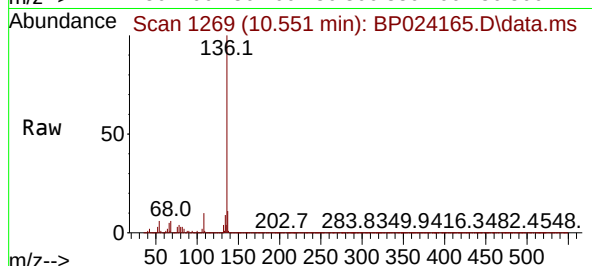
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 6.4 5.3 7.9

68 6.2 5.0 7.4



#22

Acetophenone

Concen: 49.450 ng

RT: 8.587 min Scan# 935

Delta R.T. -0.000 min

Lab File: BP024165.D

Acq: 12 Mar 2025 19:41

Tgt Ion:105 Resp: 1912289

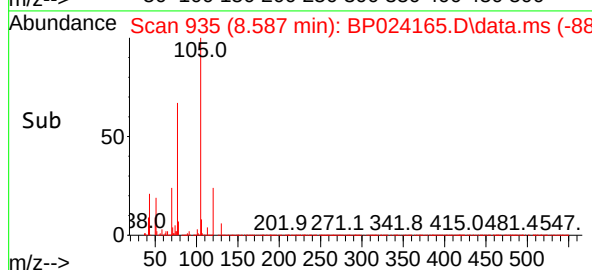
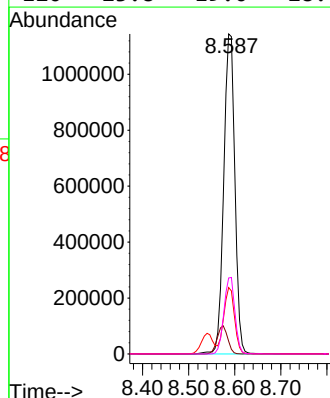
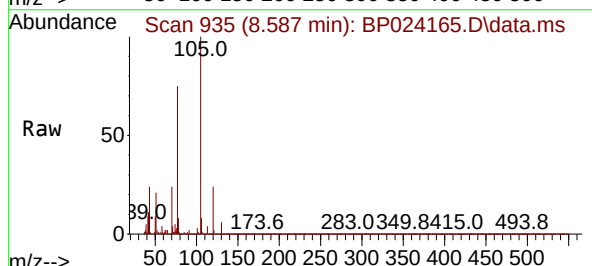
Ion Ratio Lower Upper

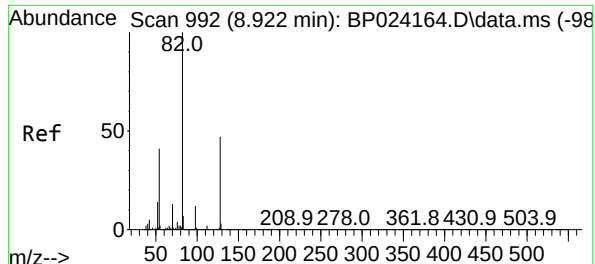
105 100

71 3.9 2.4 3.6

51 20.8 16.2 24.2

120 23.8 19.0 28.6

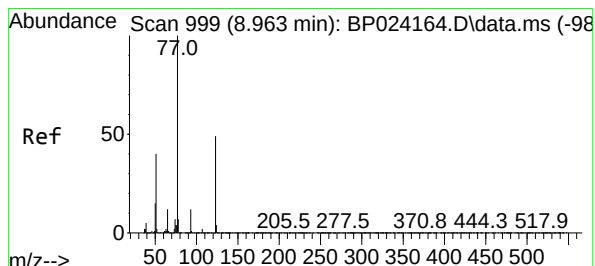
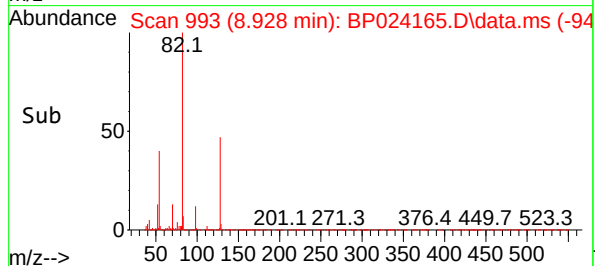
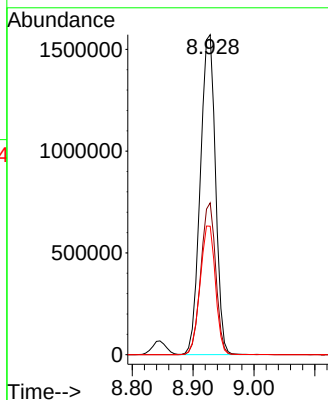
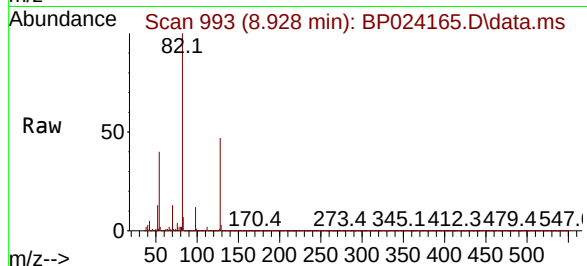




#23
Nitrobenzene-d5
Concen: 100.962 ng
RT: 8.928 min Scan# 992
Delta R.T. 0.006 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

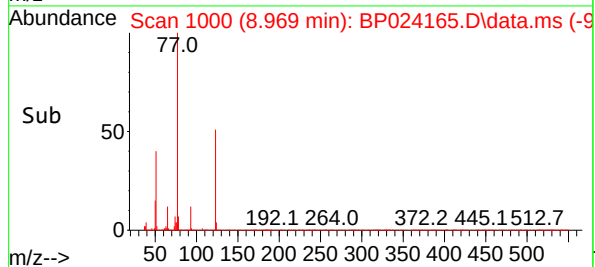
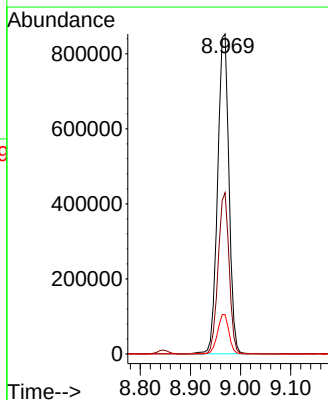
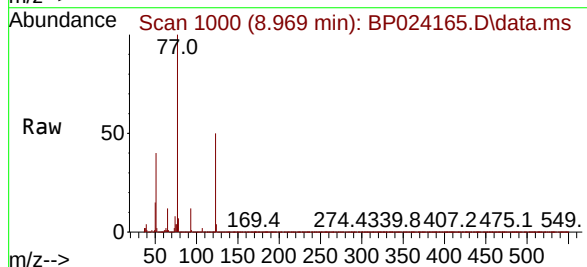
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

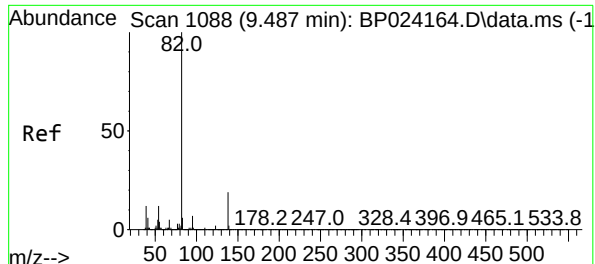
Tgt Ion: 82 Resp: 2723412
Ion Ratio Lower Upper
82 100
128 47.4 37.4 56.0
54 40.1 32.5 48.7



#24
Nitrobenzene
Concen: 50.299 ng
RT: 8.969 min Scan# 1000
Delta R.T. 0.006 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion: 77 Resp: 1335288
Ion Ratio Lower Upper
77 100
123 50.4 39.4 59.2
65 12.3 9.9 14.9

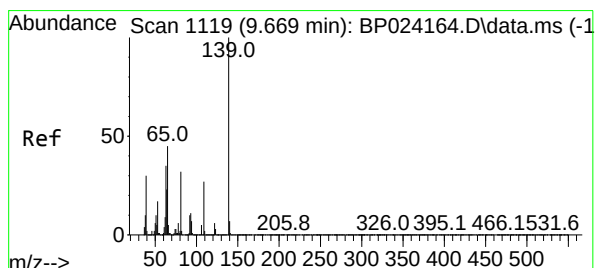
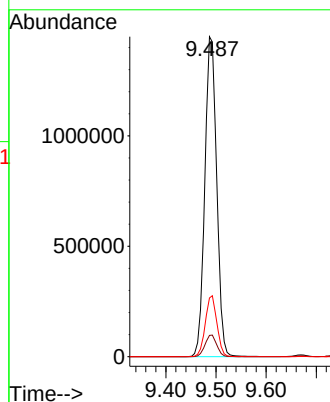
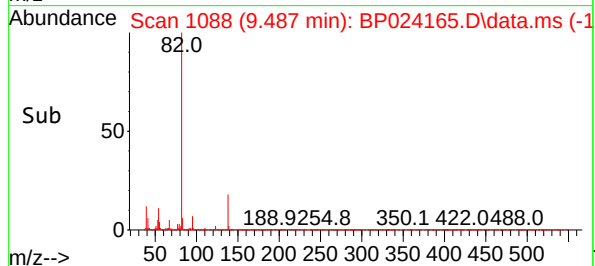
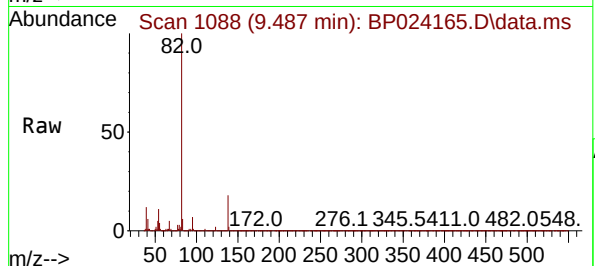




#25
Isophorone
Concen: 54.168 ng
RT: 9.487 min Scan# 1088
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

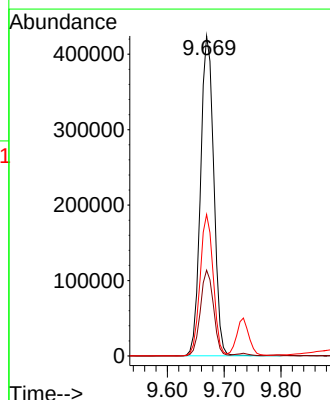
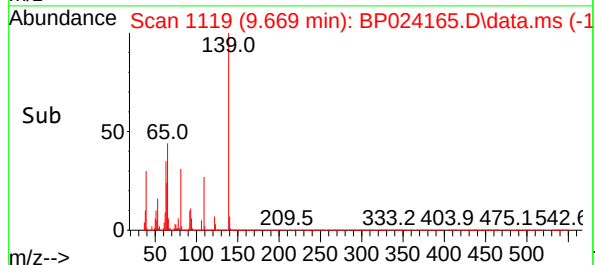
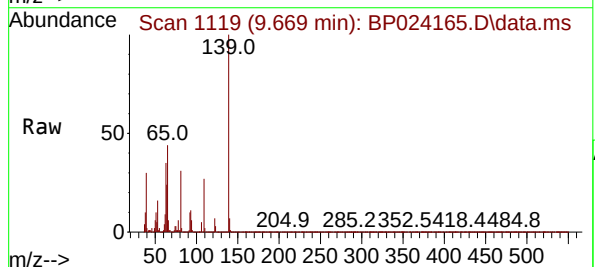
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

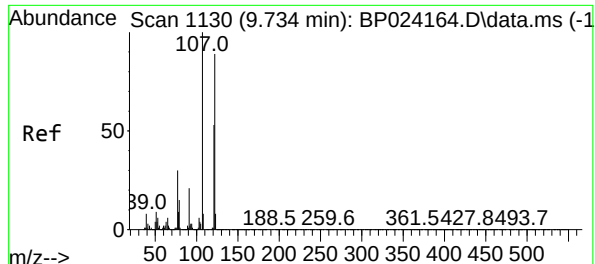
Tgt Ion: 82 Resp: 2389410
Ion Ratio Lower Upper
82 100
95 6.7 5.3 7.9
138 18.3 14.8 22.2



#26
2-Nitrophenol
Concen: 56.096 ng
RT: 9.669 min Scan# 1119
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion: 139 Resp: 686089
Ion Ratio Lower Upper
139 100
109 26.8 21.7 32.5
65 44.2 35.8 53.8





#27

2,4-Dimethylphenol

Concen: 52.362 ng

RT: 9.734 min Scan# 1130

Delta R.T. -0.000 min

Lab File: BP024165.D

Acq: 12 Mar 2025 19:41

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

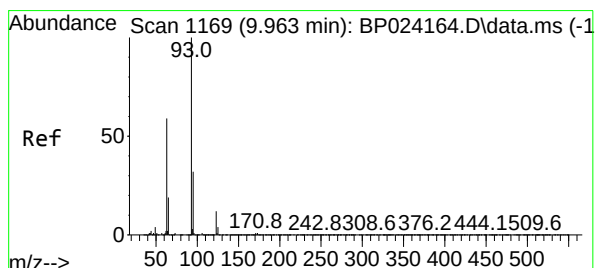
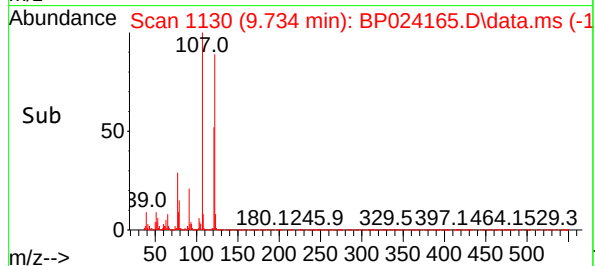
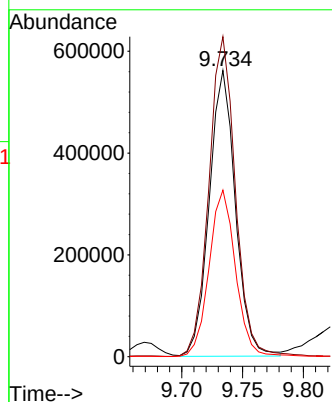
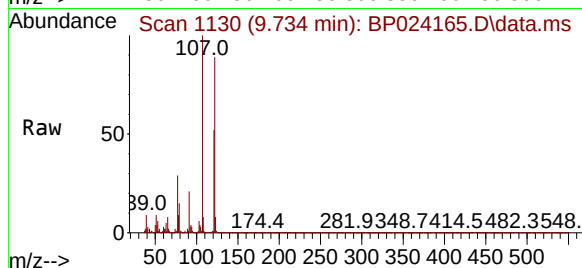
Tgt Ion:122 Resp: 840657

Ion Ratio Lower Upper

122 100

107 111.8 89.3 133.9

121 58.2 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 50.476 ng

RT: 9.963 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BP024165.D

Acq: 12 Mar 2025 19:41

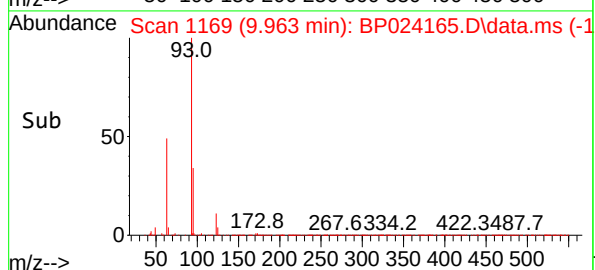
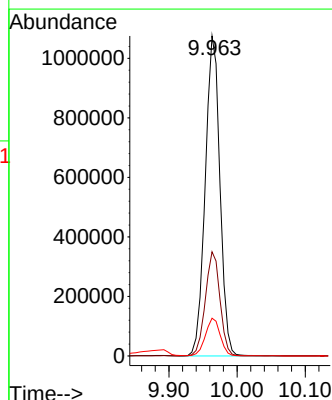
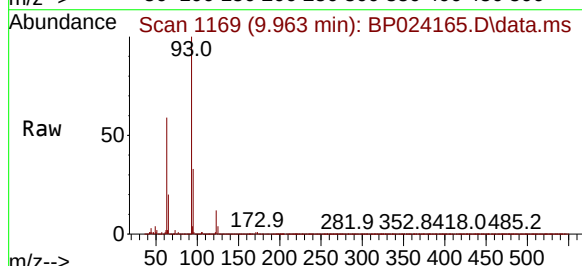
Tgt Ion: 93 Resp: 1612977

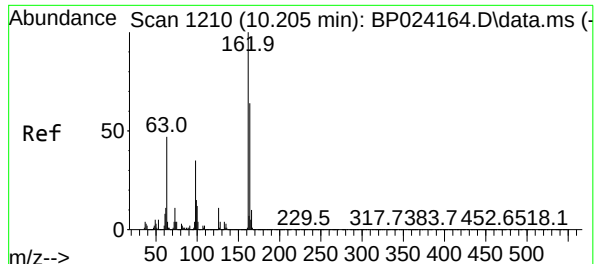
Ion Ratio Lower Upper

93 100

95 32.6 25.9 38.9

123 11.8 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 52.591 ng

RT: 10.210 min Scan# 1210

Delta R.T. 0.006 min

Lab File: BP024165.D

Acq: 12 Mar 2025 19:41

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

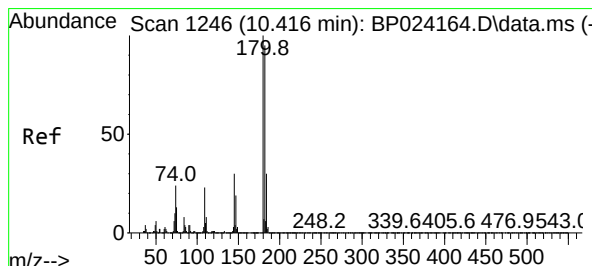
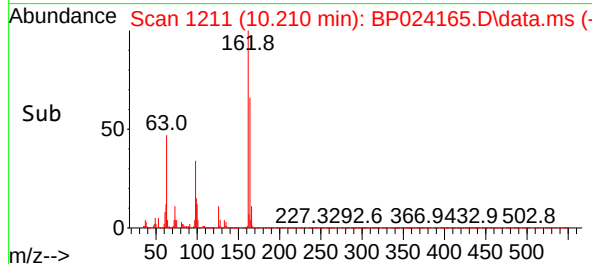
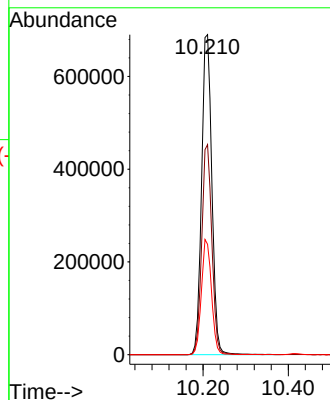
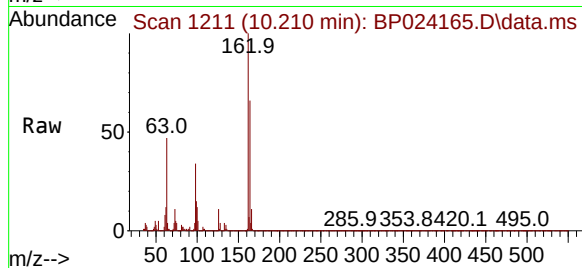
Tgt Ion:162 Resp: 1152247

Ion Ratio Lower Upper

162 100

164 65.6 44.2 84.2

98 34.5 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 48.306 ng

RT: 10.416 min Scan# 1246

Delta R.T. -0.000 min

Lab File: BP024165.D

Acq: 12 Mar 2025 19:41

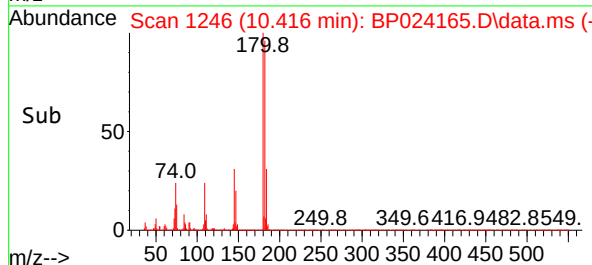
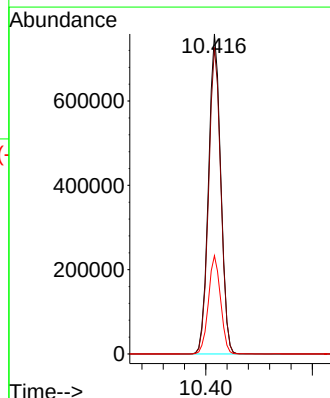
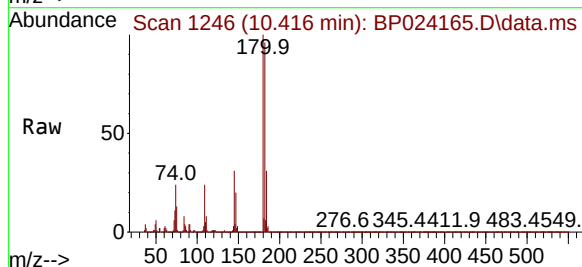
Tgt Ion:180 Resp: 1212617

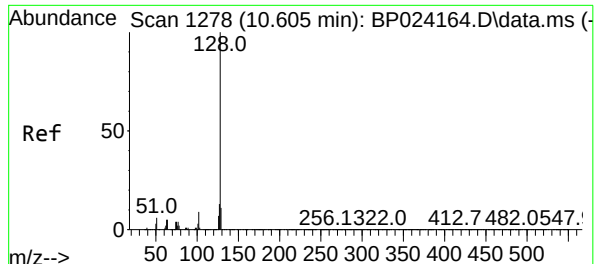
Ion Ratio Lower Upper

180 100

182 95.7 76.1 114.1

145 30.7 24.2 36.2





#31

Naphthalene

Concen: 49.689 ng

RT: 10.604 min Scan# 1157

Delta R.T. -0.000 min

Lab File: BP024165.D

Acq: 12 Mar 2025 19:41

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

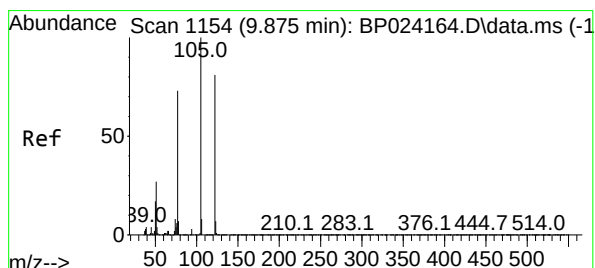
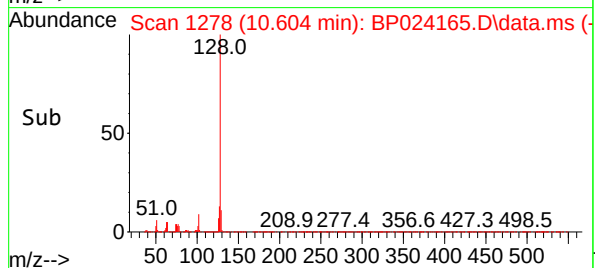
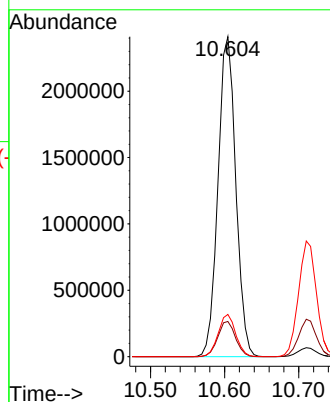
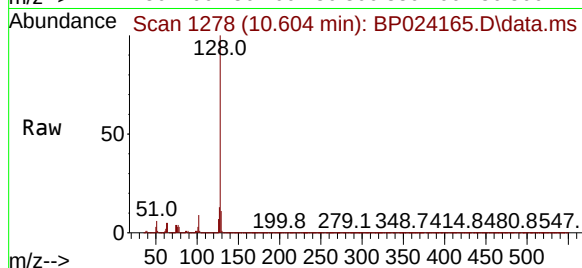
Tgt Ion:128 Resp: 4020722

Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

127 13.2 10.4 15.6



#32

Benzoic acid

Concen: 61.152 ng

RT: 9.893 min Scan# 1157

Delta R.T. 0.017 min

Lab File: BP024165.D

Acq: 12 Mar 2025 19:41

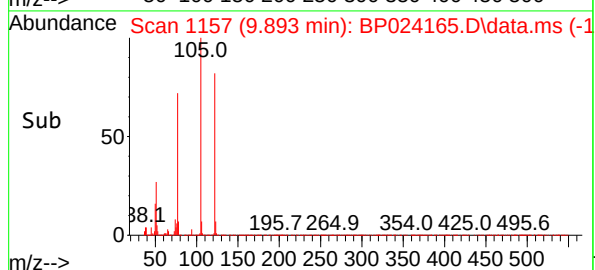
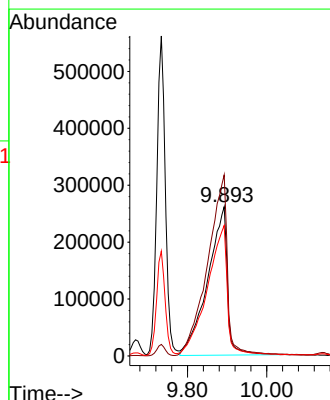
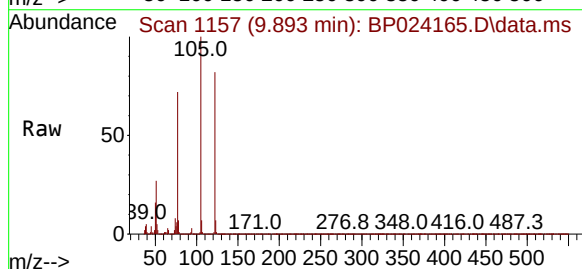
Tgt Ion:122 Resp: 900054

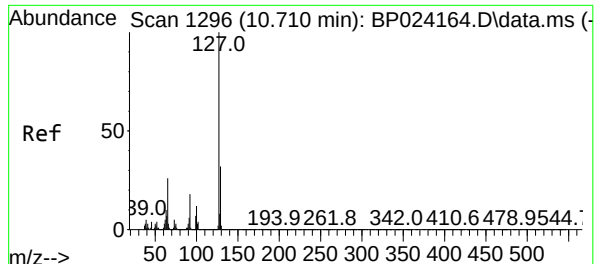
Ion Ratio Lower Upper

122 100

105 121.3 100.3 140.3

77 87.4 69.1 109.1





#33

4-Chloroaniline

Concen: 51.976 ng

RT: 10.710 min Scan# 1296

Delta R.T. -0.000 min

Lab File: BP024165.D

Acq: 12 Mar 2025 19:41

Instrument :

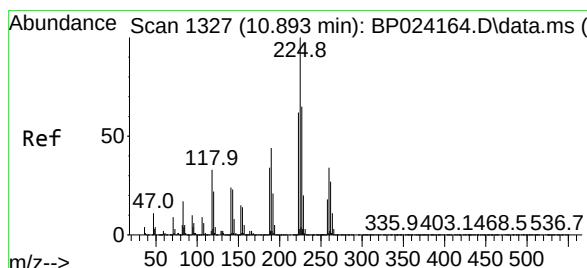
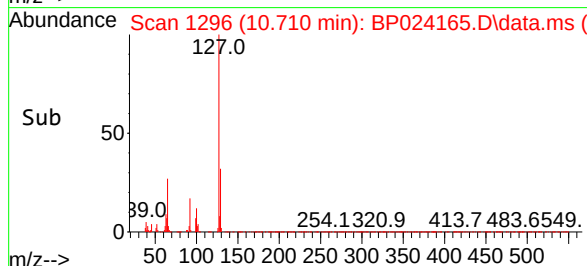
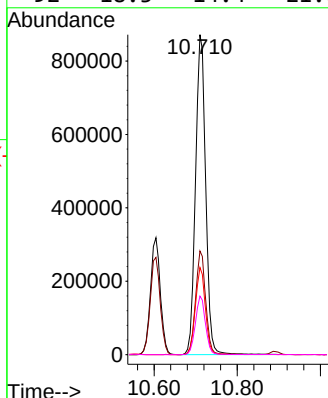
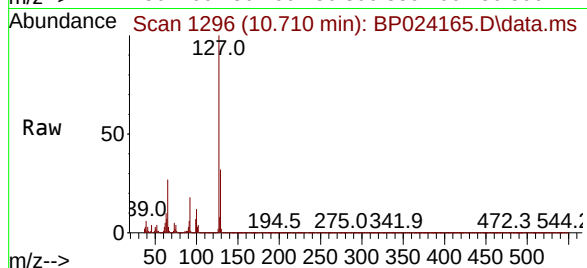
BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:127 Resp: 1481634

Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.8	38.6
65	27.3	21.2	31.8
92	18.3	14.4	21.6



#34

Hexachlorobutadiene

Concen: 48.392 ng

RT: 10.893 min Scan# 1327

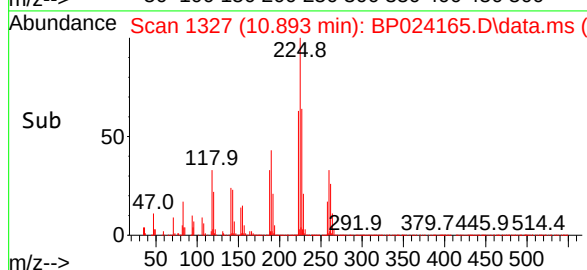
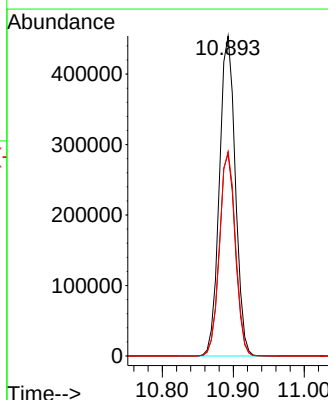
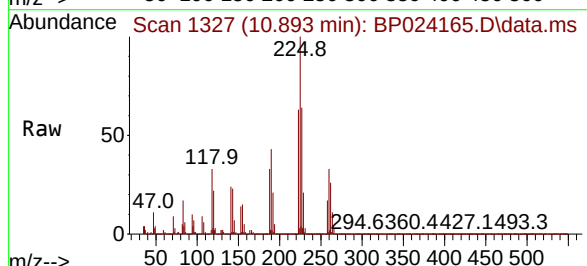
Delta R.T. -0.000 min

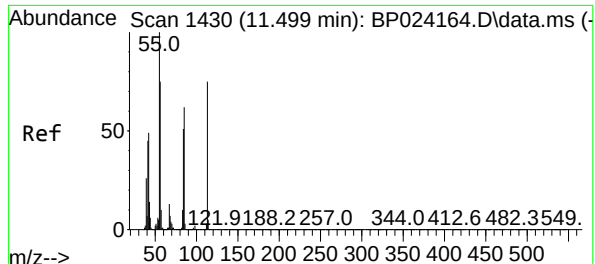
Lab File: BP024165.D

Acq: 12 Mar 2025 19:41

Tgt Ion:225 Resp: 703606

Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.9	74.9
227	63.9	52.2	78.2

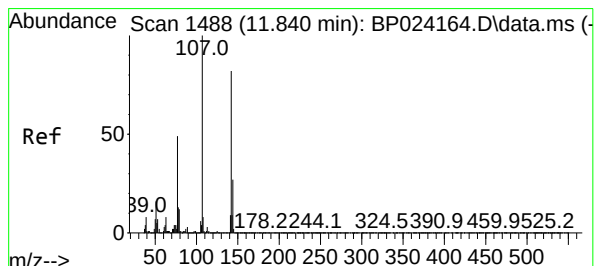
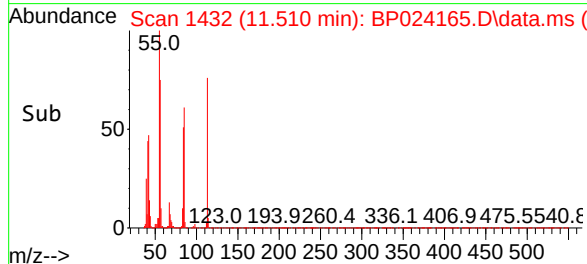
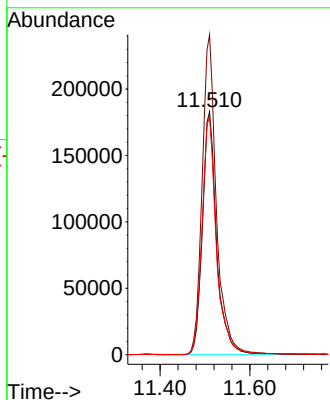
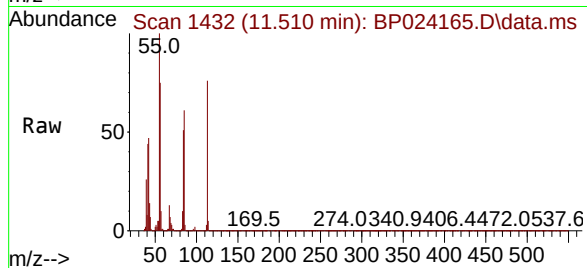




#35
Caprolactam
Concen: 60.646 ng
RT: 11.510 min Scan# 1432
Delta R.T. 0.012 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

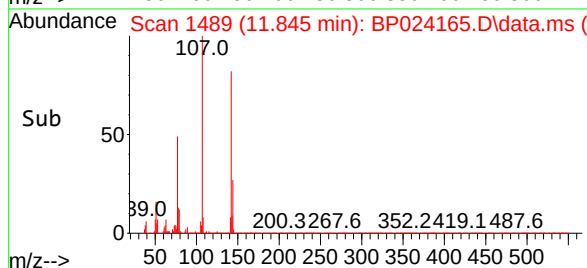
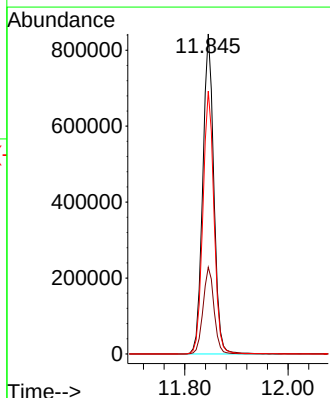
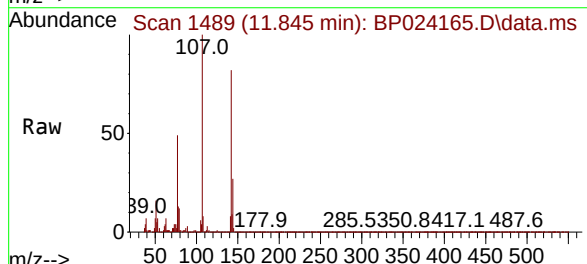
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

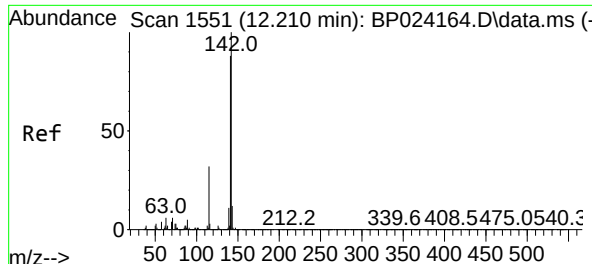
Tgt Ion:113 Resp: 402356
Ion Ratio Lower Upper
113 100
55 131.8 113.6 153.6
56 98.2 80.0 120.0



#36
4-Chloro-3-methylphenol
Concen: 55.551 ng
RT: 11.845 min Scan# 1489
Delta R.T. 0.006 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:107 Resp: 1251209
Ion Ratio Lower Upper
107 100
144 27.1 21.6 32.4
142 82.1 65.4 98.0

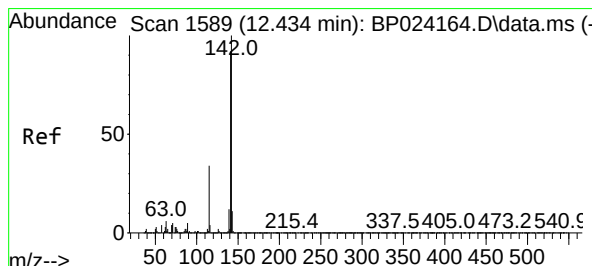
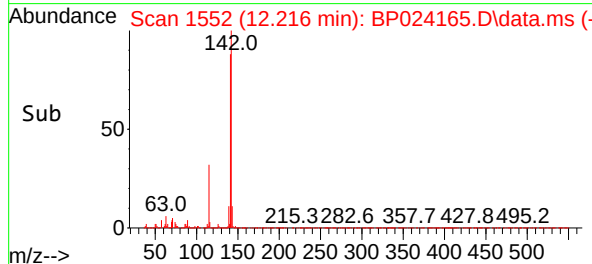
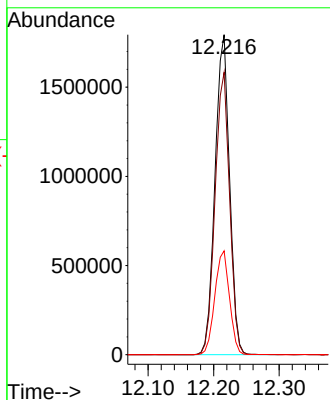
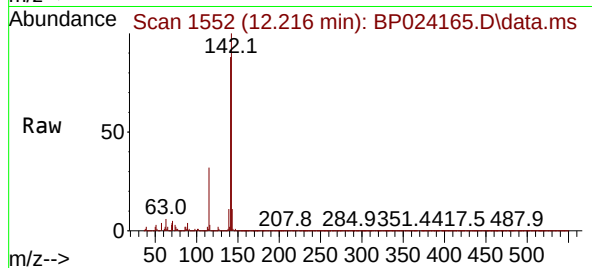




#37
2-Methylnaphthalene
Concen: 51.131 ng
RT: 12.216 min Scan# 1552
Delta R.T. 0.006 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

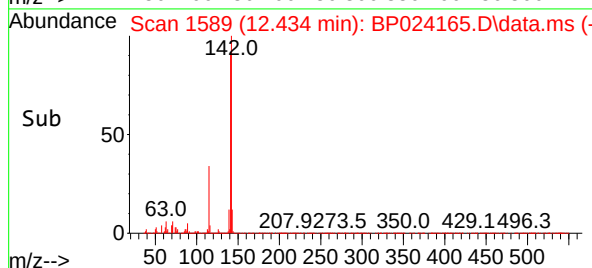
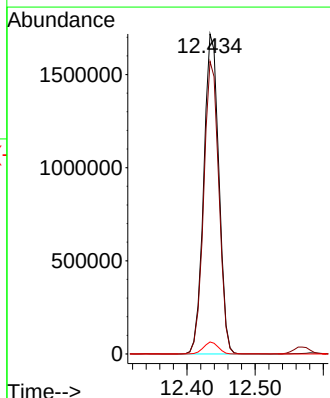
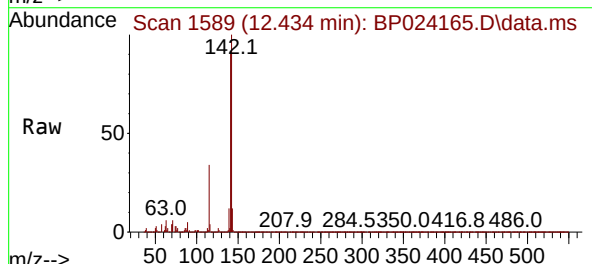
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

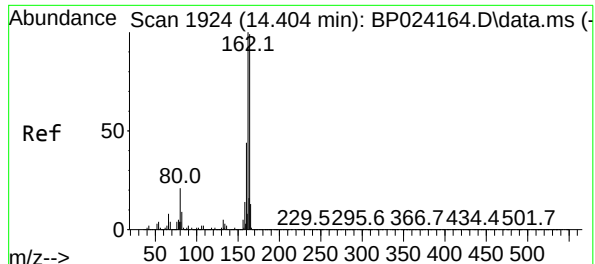
Tgt Ion:142 Resp: 2749915
Ion Ratio Lower Upper
142 100
141 88.3 70.3 105.5
115 32.4 26.0 39.0



#38
1-Methylnaphthalene
Concen: 50.600 ng
RT: 12.434 min Scan# 1589
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:142 Resp: 2647375
Ion Ratio Lower Upper
142 100
141 91.4 73.9 110.9
116 3.7 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.410 min Scan# 1925

Delta R.T. 0.006 min

Lab File: BP024165.D

Acq: 12 Mar 2025 19:41

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

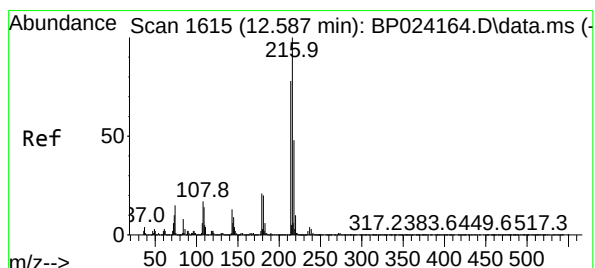
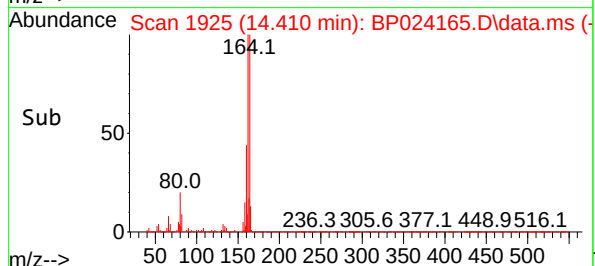
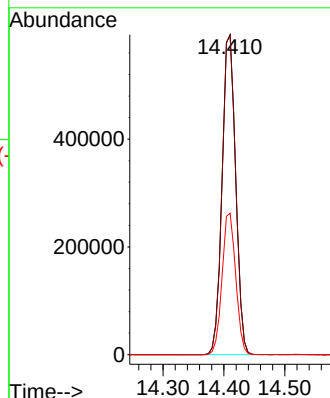
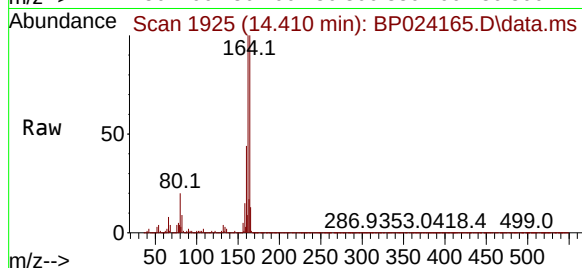
Tgt Ion:164 Resp: 918204

Ion Ratio Lower Upper

164 100

162 99.9 80.6 121.0

160 44.2 35.4 53.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.188 ng

RT: 12.587 min Scan# 1615

Delta R.T. -0.000 min

Lab File: BP024165.D

Acq: 12 Mar 2025 19:41

Tgt Ion:216 Resp: 1331287

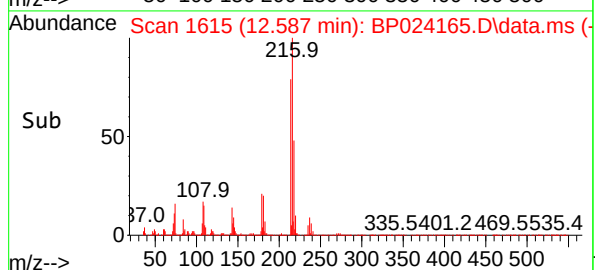
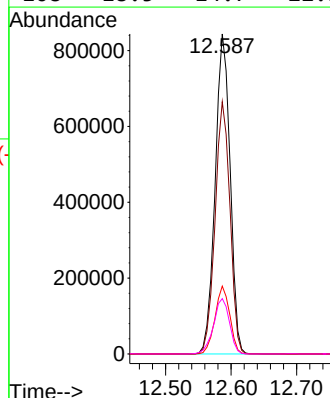
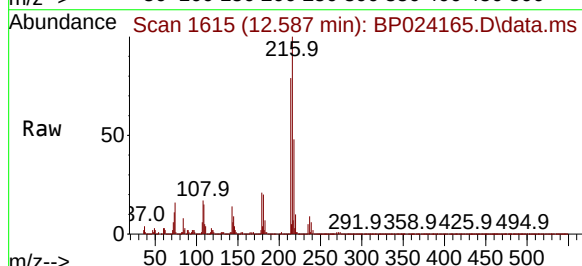
Ion Ratio Lower Upper

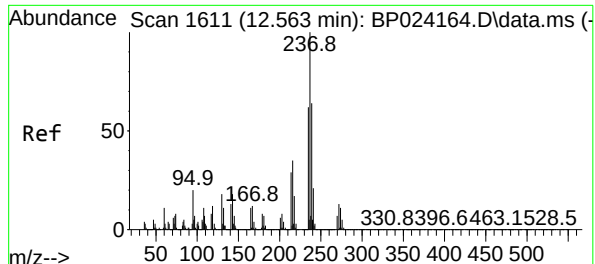
216 100

214 78.5 62.8 94.2

179 20.9 16.8 25.2

108 18.5 14.7 22.1

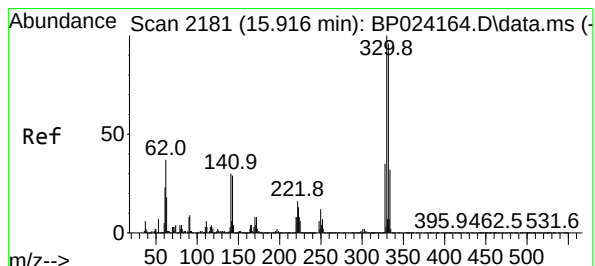
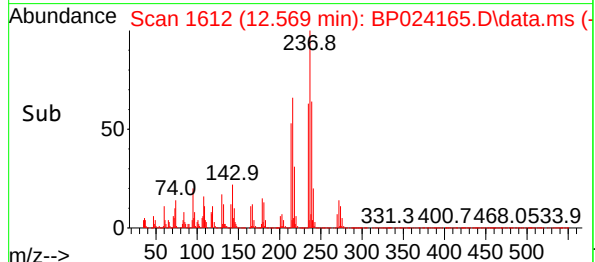
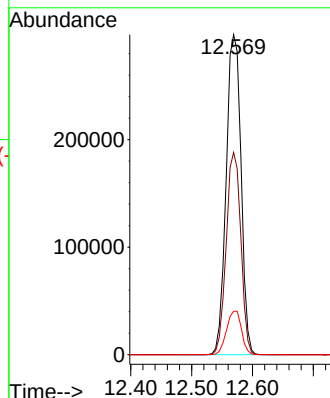
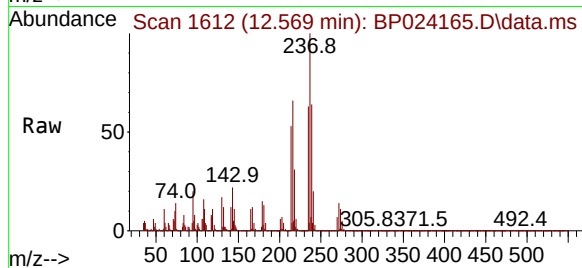




#41
Hexachlorocyclopentadiene
Concen: 47.999 ng
RT: 12.569 min Scan# 1612
Delta R.T. 0.006 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

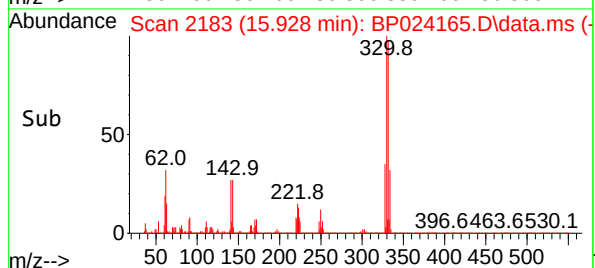
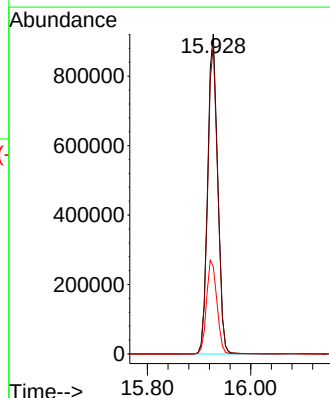
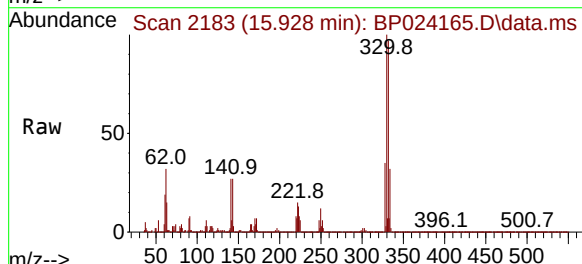
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

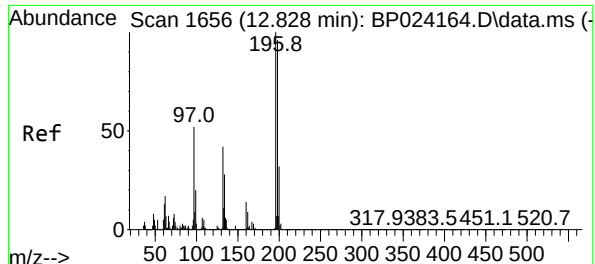
Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.2	41.8	81.8
272	13.5	0.0	33.5



#42
2,4,6-Tribromophenol
Concen: 110.267 ng
RT: 15.928 min Scan# 2183
Delta R.T. 0.012 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.6	116.4
141	30.3	25.0	37.6





#43

2,4,6-Trichlorophenol

Concen: 52.112 ng

RT: 12.828 min Scan# 1656

Delta R.T. -0.000 min

Lab File: BP024165.D

Acq: 12 Mar 2025 19:41

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

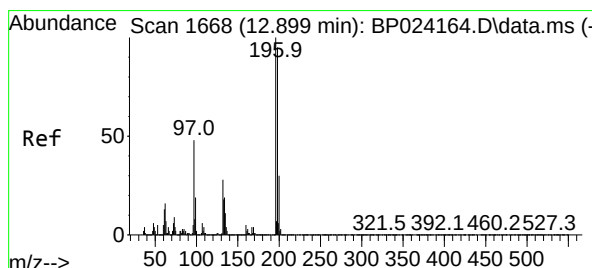
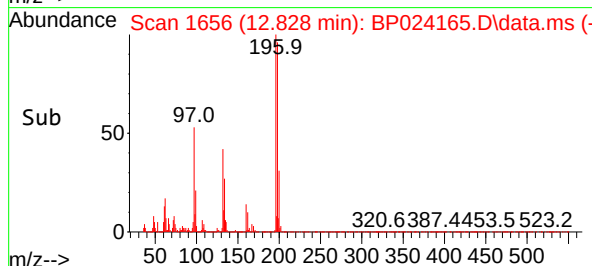
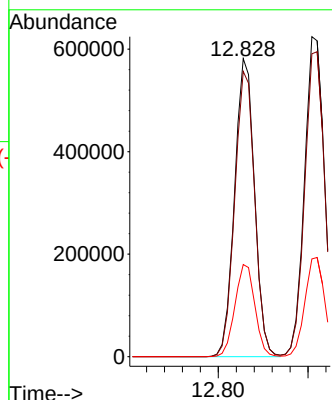
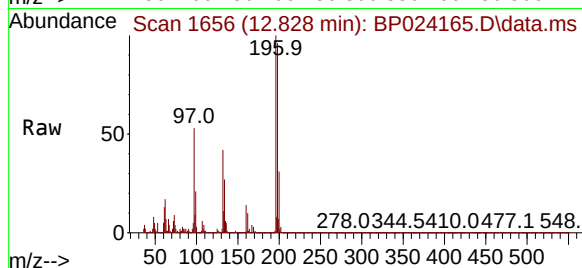
Tgt Ion:196 Resp: 896606

Ion Ratio Lower Upper

196 100

198 95.7 76.6 115.0

200 30.9 25.4 38.0



#44

2,4,5-Trichlorophenol

Concen: 51.517 ng

RT: 12.904 min Scan# 1669

Delta R.T. 0.006 min

Lab File: BP024165.D

Acq: 12 Mar 2025 19:41

Tgt Ion:196 Resp: 969372

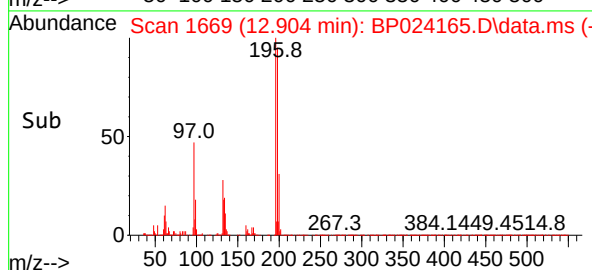
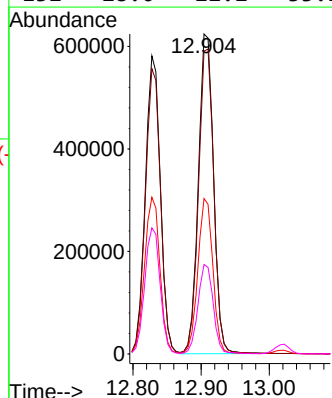
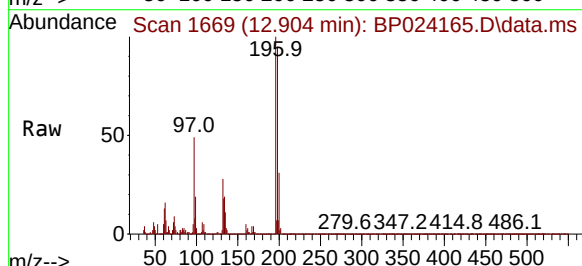
Ion Ratio Lower Upper

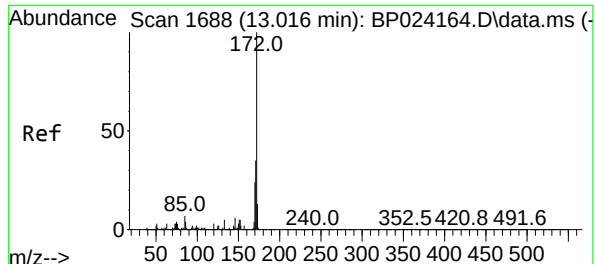
196 100

198 94.7 76.5 114.7

97 48.5 38.7 58.1

132 28.0 22.2 33.2

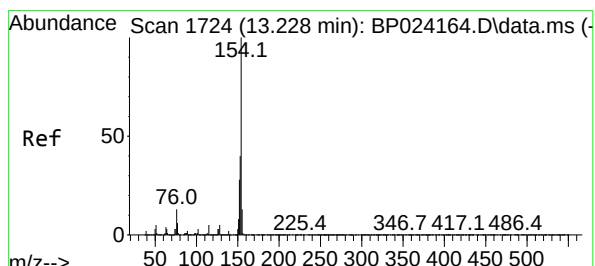
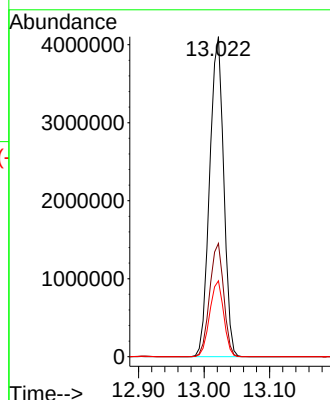
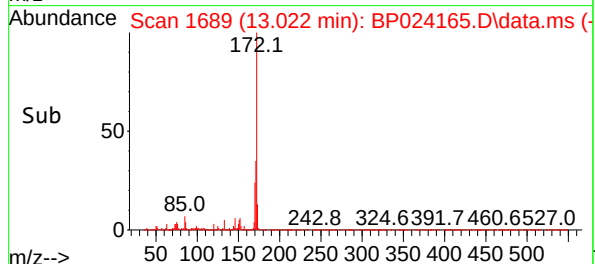
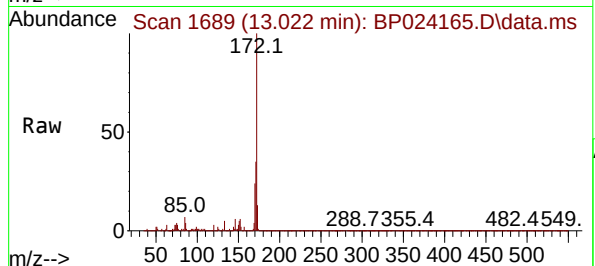




#45
2-Fluorobiphenyl
Concen: 93.318 ng
RT: 13.022 min Scan# 1689
Delta R.T. 0.006 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

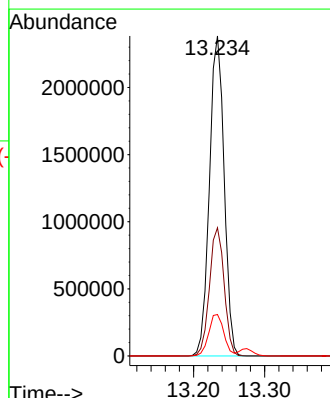
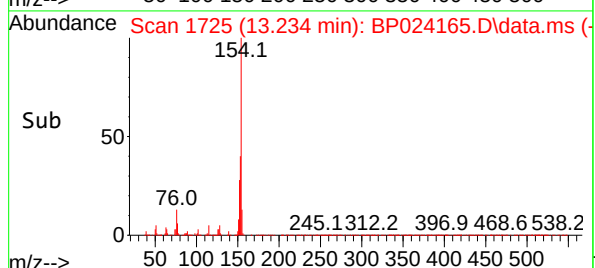
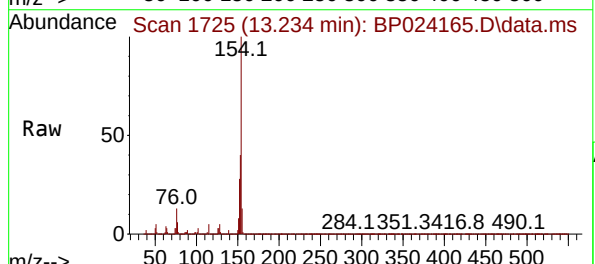
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

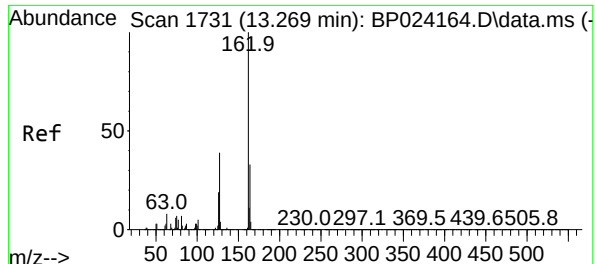
Tgt Ion:172 Resp: 6129086
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.7 19.0 28.4



#46
1,1'-Biphenyl
Concen: 48.043 ng
RT: 13.234 min Scan# 1725
Delta R.T. 0.006 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:154 Resp: 3427883
Ion Ratio Lower Upper
154 100
153 40.0 20.3 60.3
76 12.9 0.0 32.9





#47

2-Chloronaphthalene

Concen: 47.446 ng

RT: 13.275 min Scan# 1732

Delta R.T. 0.006 min

Lab File: BP024165.D

Acq: 12 Mar 2025 19:41

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

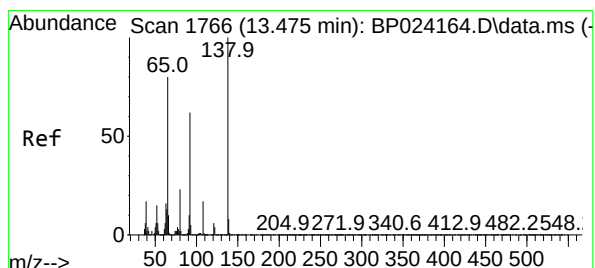
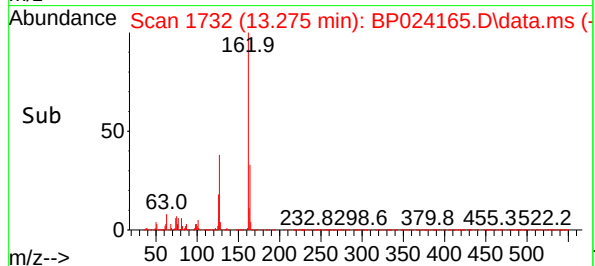
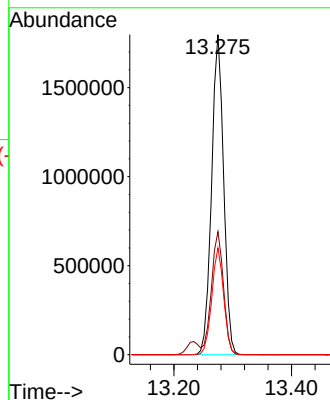
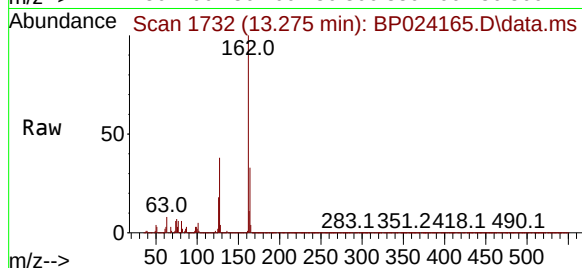
Tgt Ion:162 Resp: 2559098

Ion Ratio Lower Upper

162 100

127 38.4 31.5 47.3

164 33.3 26.6 39.8



#48

2-Nitroaniline

Concen: 56.066 ng

RT: 13.475 min Scan# 1766

Delta R.T. -0.000 min

Lab File: BP024165.D

Acq: 12 Mar 2025 19:41

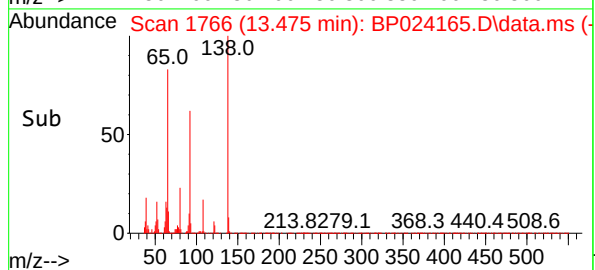
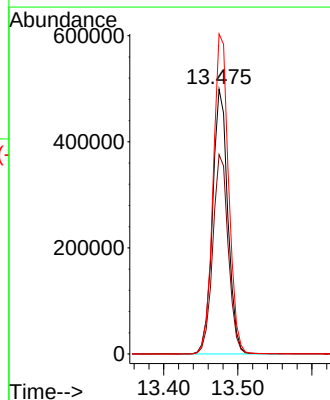
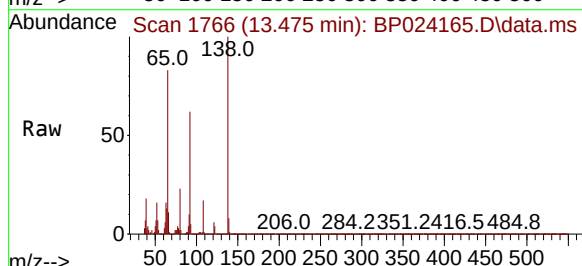
Tgt Ion: 65 Resp: 714343

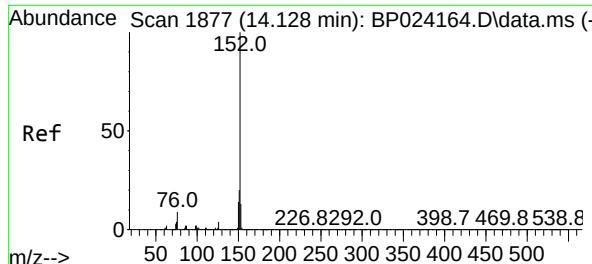
Ion Ratio Lower Upper

65 100

92 75.3 62.1 93.1

138 120.9 99.5 149.3





#49

Acenaphthylene

Concen: 50.533 ng

RT: 14.128 min Scan# 1877

Delta R.T. -0.000 min

Lab File: BP024165.D

Acq: 12 Mar 2025 19:41

Instrument :

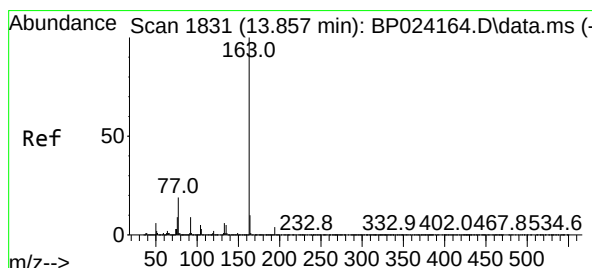
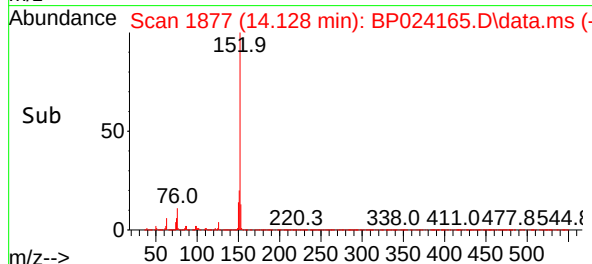
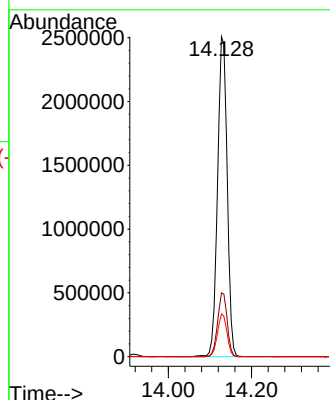
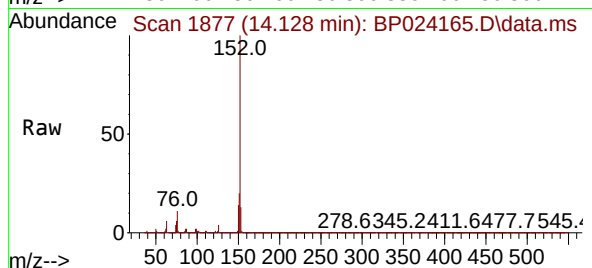
BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:152 Resp: 4015684

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.0	24.0
153	13.3	10.6	15.8



#50

Dimethylphthalate

Concen: 50.224 ng

RT: 13.869 min Scan# 1833

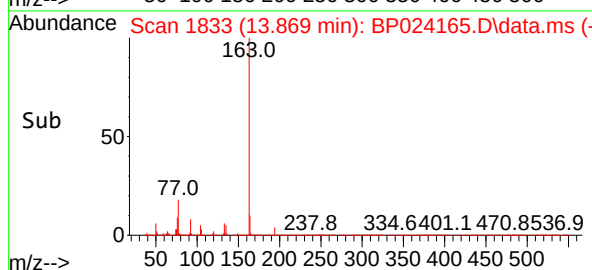
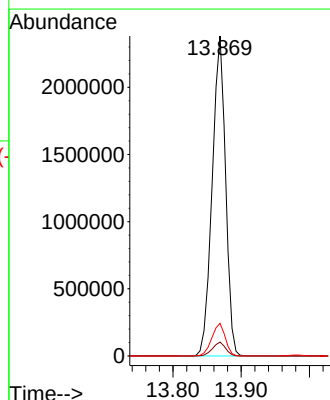
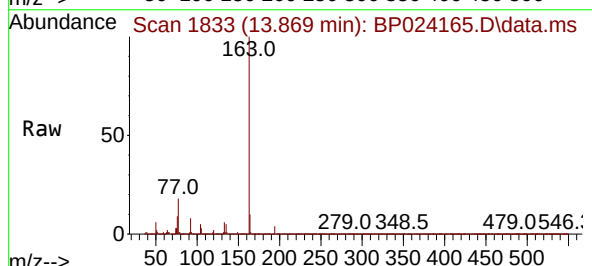
Delta R.T. 0.012 min

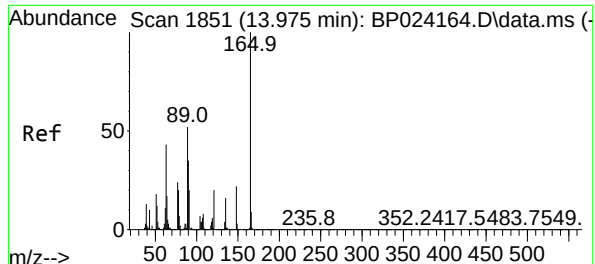
Lab File: BP024165.D

Acq: 12 Mar 2025 19:41

Tgt Ion:163 Resp: 3252950

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	10.2	8.2	12.4

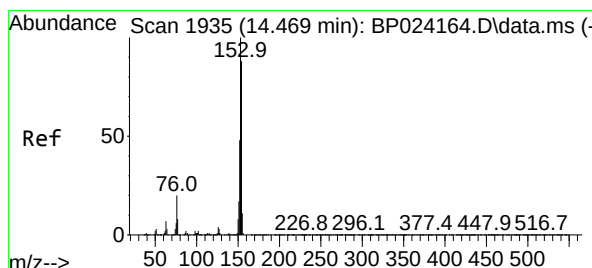
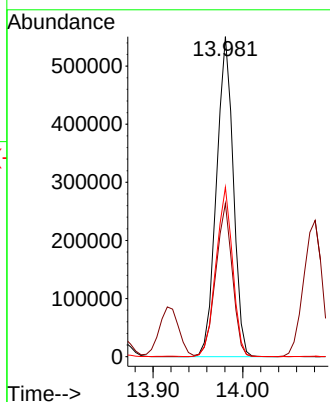
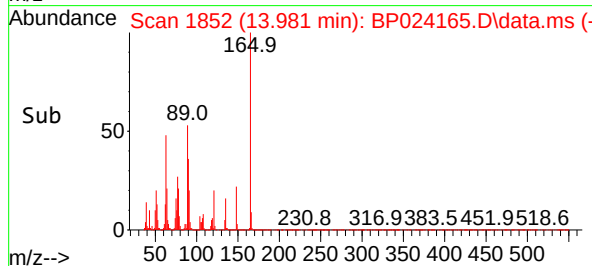
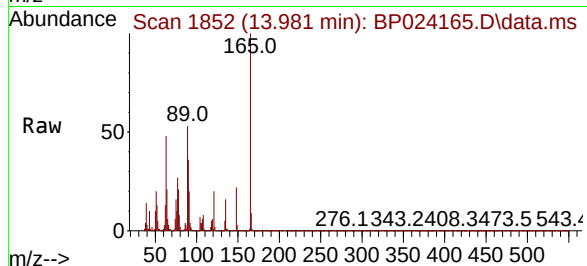




#51
2,6-Dinitrotoluene
Concen: 54.206 ng
RT: 13.981 min Scan# 1852
Delta R.T. 0.006 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

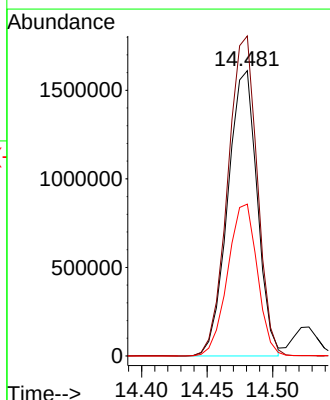
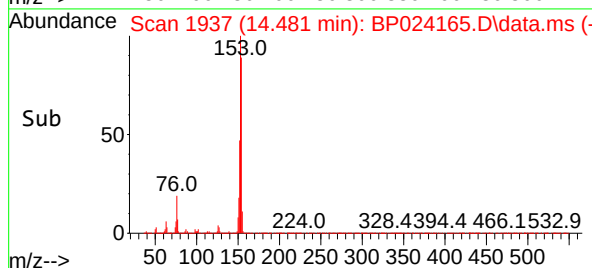
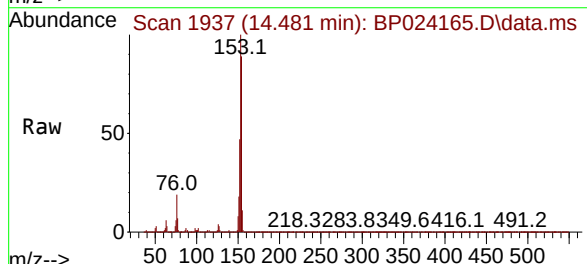
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

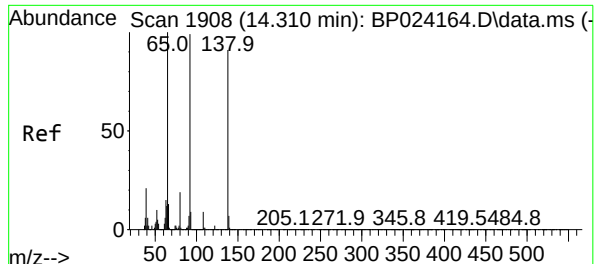
Tgt Ion:165 Resp: 715171
Ion Ratio Lower Upper
165 100
63 47.9 37.7 56.5
89 53.0 41.9 62.9



#52
Acenaphthene
Concen: 49.182 ng
RT: 14.481 min Scan# 1937
Delta R.T. 0.012 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:154 Resp: 2516832
Ion Ratio Lower Upper
154 100
153 112.2 90.5 135.7
152 53.2 43.1 64.7

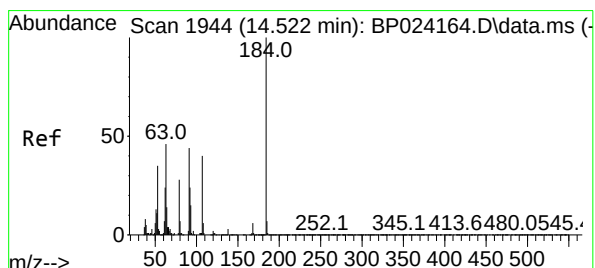
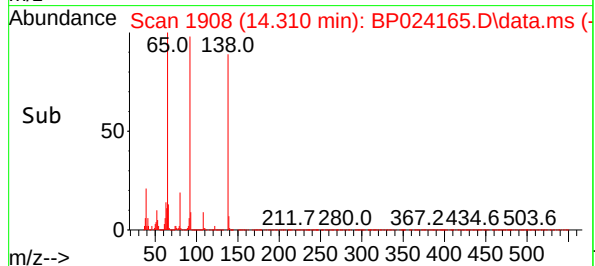
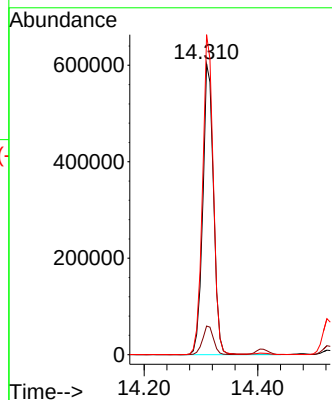
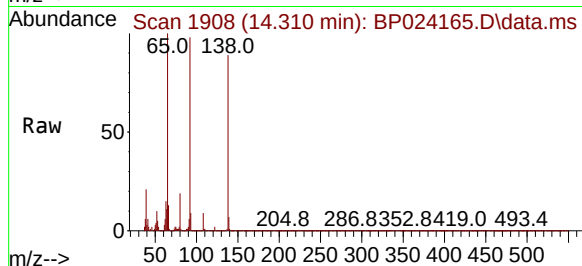




#53
3-Nitroaniline
Concen: 56.128 ng
RT: 14.310 min Scan# 1908
Delta R.T. -0.000 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

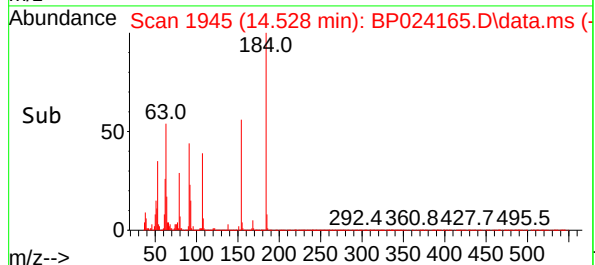
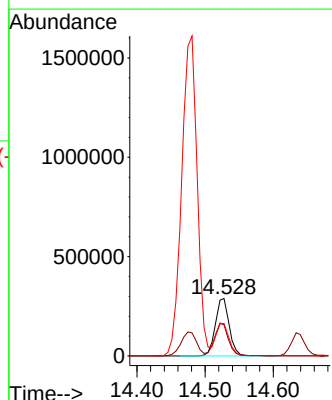
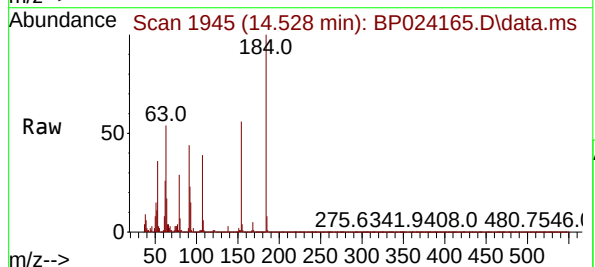
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

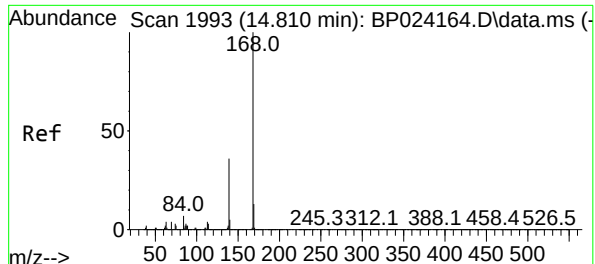
Tgt Ion:138 Resp: 790217
Ion Ratio Lower Upper
138 100
108 9.9 8.2 12.2
92 110.1 86.7 130.1



#54
2,4-Dinitrophenol
Concen: 58.439 ng
RT: 14.528 min Scan# 1945
Delta R.T. 0.006 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:184 Resp: 410616
Ion Ratio Lower Upper
184 100
63 53.9 42.1 63.1
154 56.4 44.6 67.0





#55

Dibenzenofuran

Concen: 48.816 ng

RT: 14.816 min Scan# 1994

Delta R.T. 0.006 min

Lab File: BP024165.D

Acq: 12 Mar 2025 19:41

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

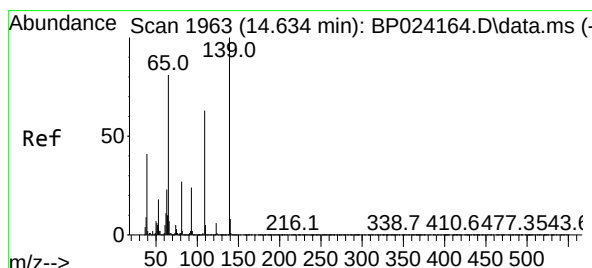
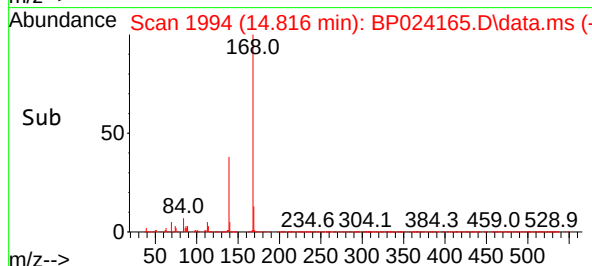
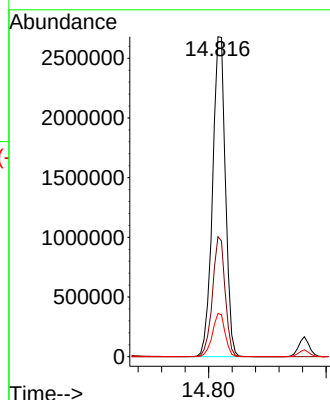
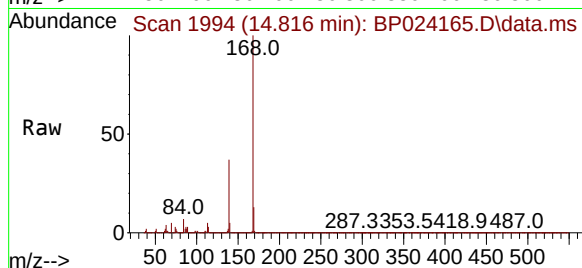
Tgt Ion:168 Resp: 4058172

Ion Ratio Lower Upper

168 100

139 37.5 29.1 43.7

169 13.5 10.8 16.2



#56

4-Nitrophenol

Concen: 56.382 ng

RT: 14.639 min Scan# 1964

Delta R.T. 0.006 min

Lab File: BP024165.D

Acq: 12 Mar 2025 19:41

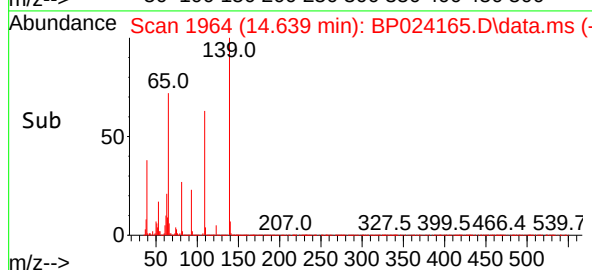
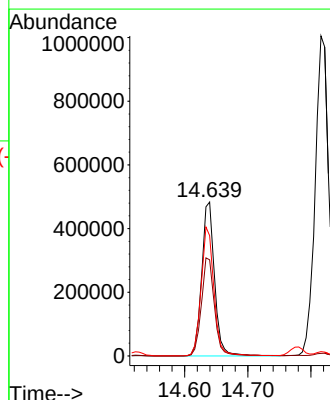
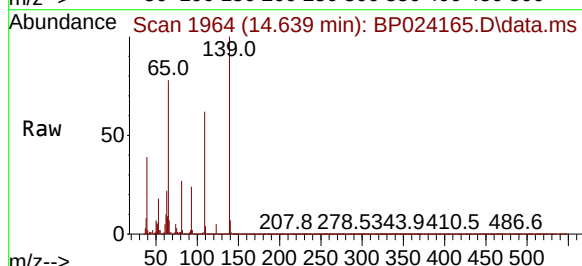
Tgt Ion:139 Resp: 685687

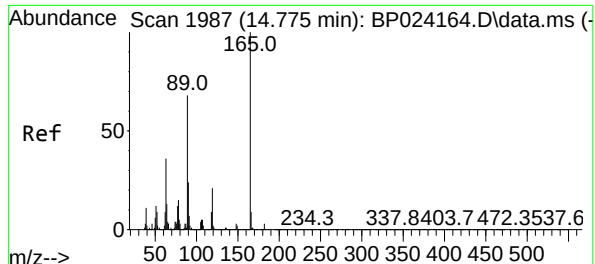
Ion Ratio Lower Upper

139 100

109 62.5 43.3 83.3

65 78.1 61.2 101.2





#57

2,4-Dinitrotoluene

Concen: 56.659 ng

RT: 14.781 min Scan# 1987

Delta R.T. 0.006 min

Lab File: BP024165.D

Acq: 12 Mar 2025 19:41

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:165 Resp: 971087

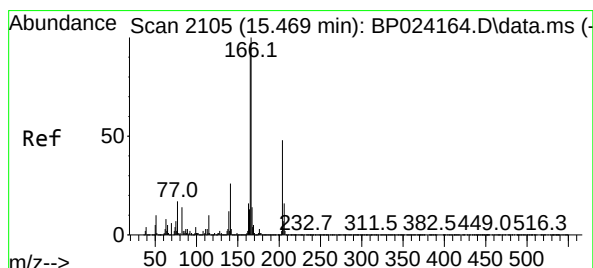
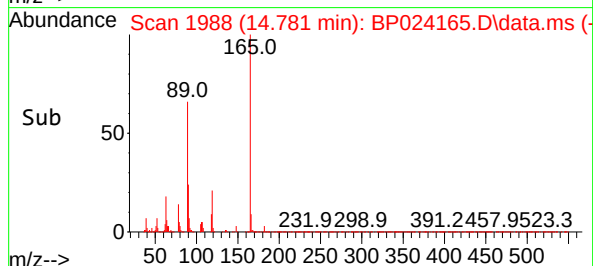
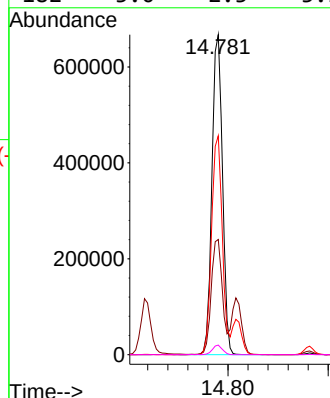
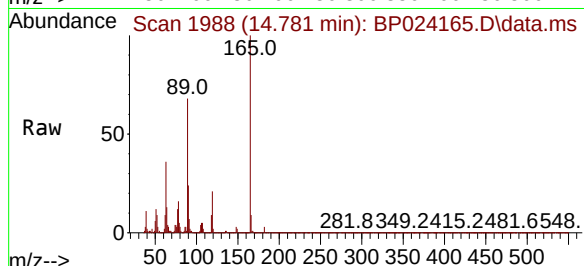
Ion Ratio Lower Upper

165 100

63 36.0 29.0 43.6

89 68.4 54.2 81.4

182 3.0 2.3 3.5



#58

Fluorene

Concen: 49.759 ng

RT: 15.481 min Scan# 2107

Delta R.T. 0.012 min

Lab File: BP024165.D

Acq: 12 Mar 2025 19:41

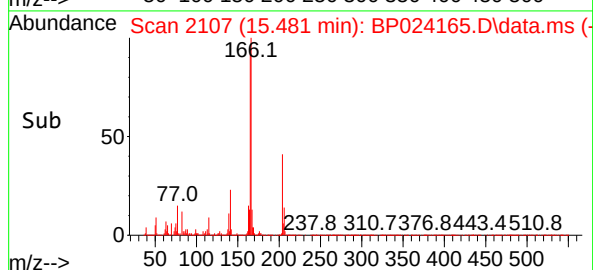
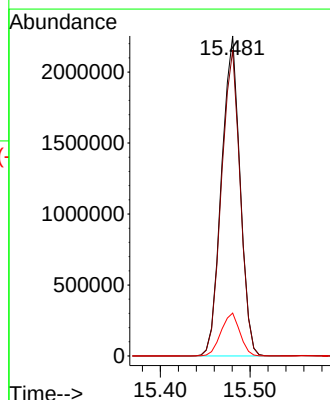
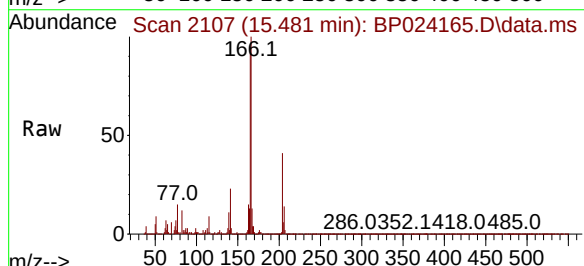
Tgt Ion:166 Resp: 3230571

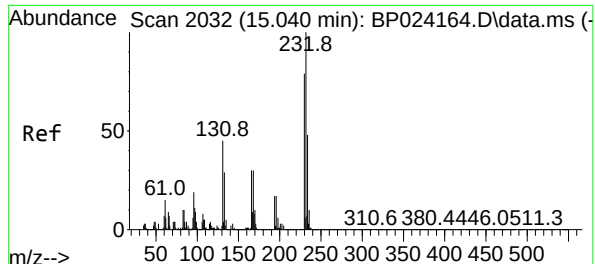
Ion Ratio Lower Upper

166 100

165 95.5 77.6 116.4

167 13.4 10.8 16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 52.152 ng

RT: 15.045 min Scan# 2032

Delta R.T. 0.006 min

Lab File: BP024165.D

Acq: 12 Mar 2025 19:41

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:232 Resp: 851401

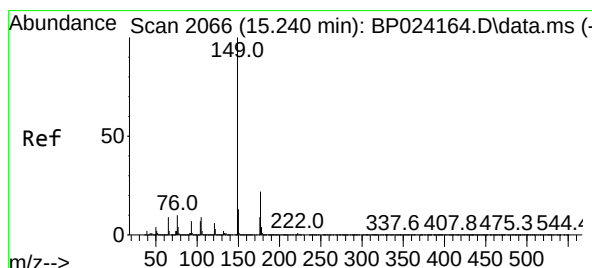
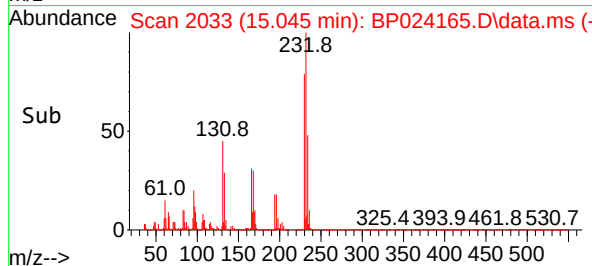
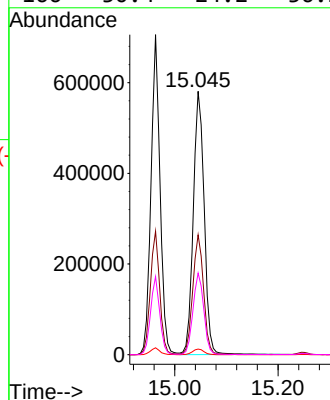
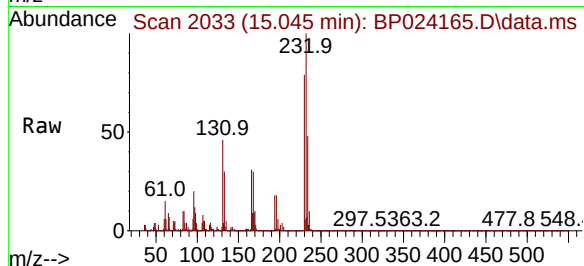
Ion Ratio Lower Upper

232 100

131 44.9 35.9 53.9

130 2.2 1.8 2.6

166 30.4 24.2 36.2



#60

Diethylphthalate

Concen: 50.786 ng

RT: 15.251 min Scan# 2068

Delta R.T. 0.012 min

Lab File: BP024165.D

Acq: 12 Mar 2025 19:41

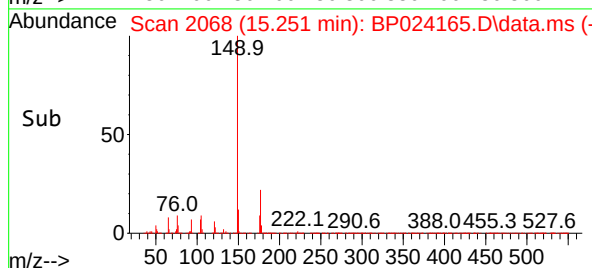
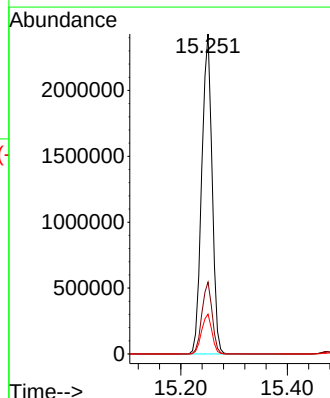
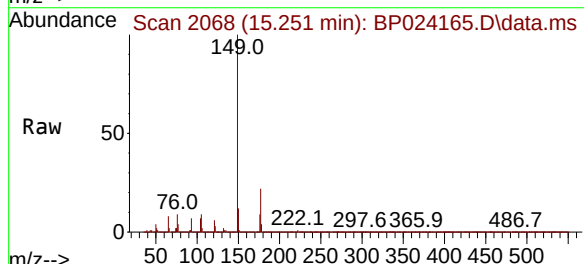
Tgt Ion:149 Resp: 3265289

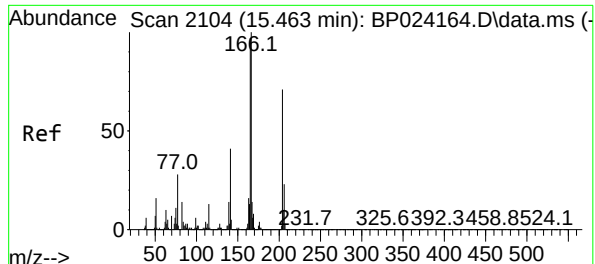
Ion Ratio Lower Upper

149 100

177 22.5 17.7 26.5

150 12.5 10.2 15.4

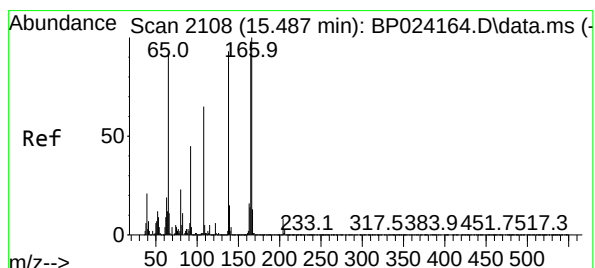
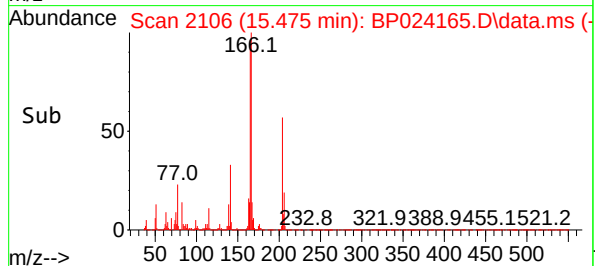
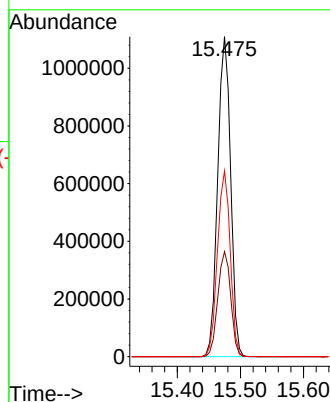
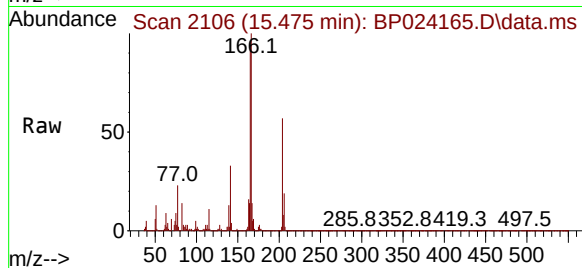




#61
4-Chlorophenyl-phenylether
Concen: 49.216 ng
RT: 15.475 min Scan# 2110
Delta R.T. 0.012 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

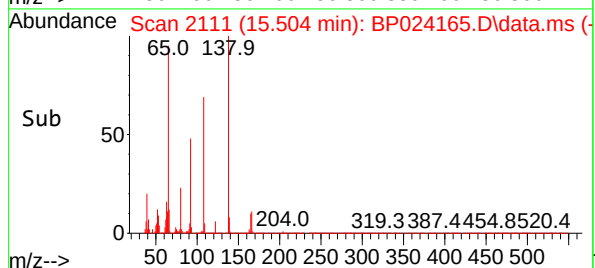
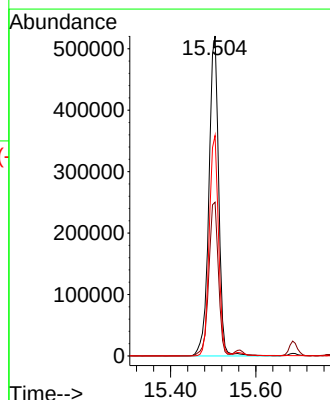
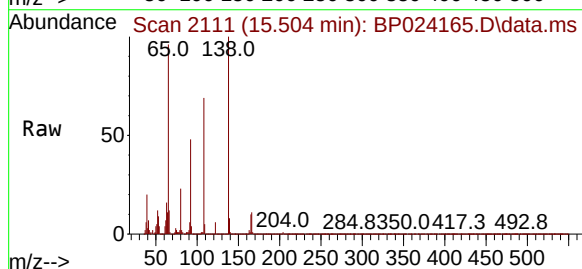
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

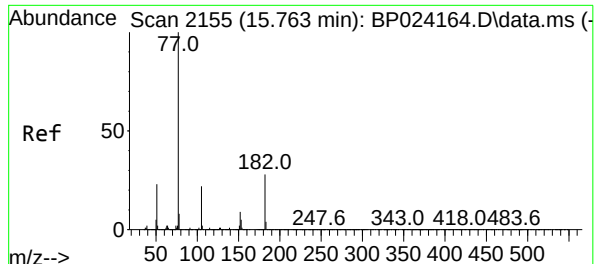
Tgt Ion:204 Resp: 1572773
Ion Ratio Lower Upper
204 100
206 32.9 26.4 39.6
141 58.0 45.8 68.8



#62
4-Nitroaniline
Concen: 56.889 ng
RT: 15.504 min Scan# 2111
Delta R.T. 0.017 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:138 Resp: 831169
Ion Ratio Lower Upper
138 100
92 48.1 28.7 68.7
108 68.9 49.5 89.5



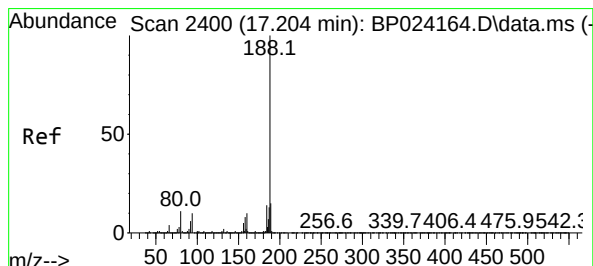
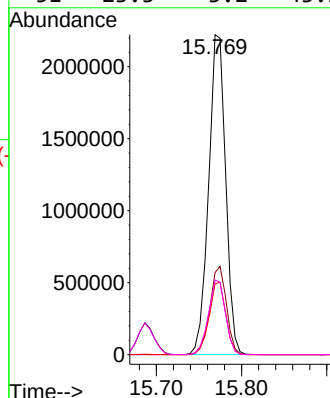
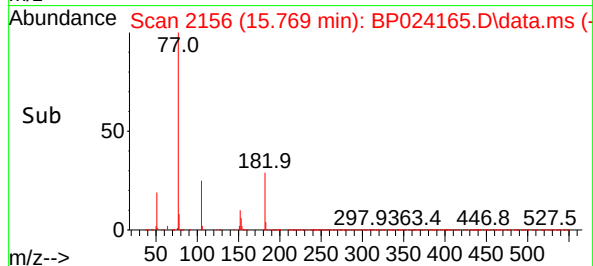
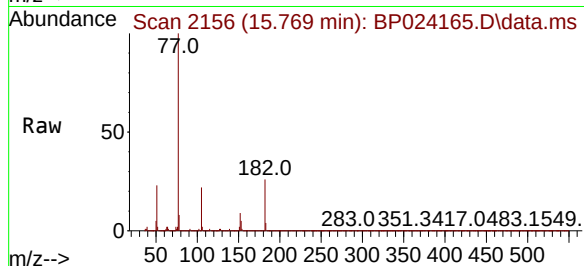


#63
Azobenzene
Concen: 51.085 ng
RT: 15.769 min Scan# 2155
Delta R.T. 0.006 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 3077821

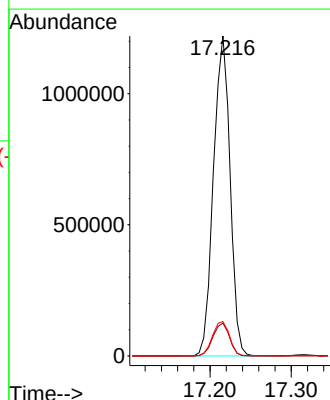
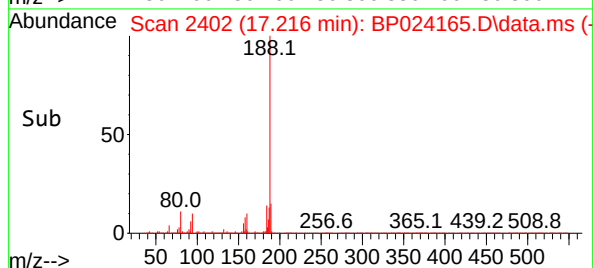
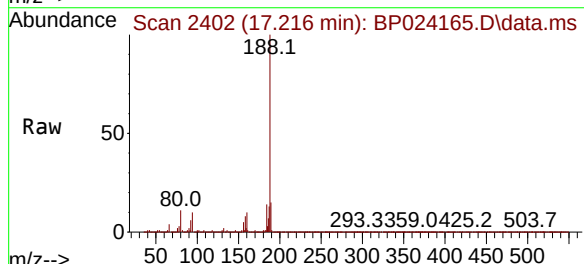
Ion	Ratio	Lower	Upper
77	100		
182	25.6	7.7	47.7
105	22.2	2.3	42.3
51	23.3	3.2	43.2

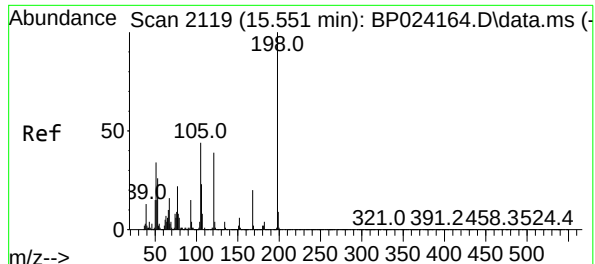


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.216 min Scan# 2402
Delta R.T. 0.012 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion: 188 Resp: 1730200

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.1	12.1
80	10.8	8.9	13.3

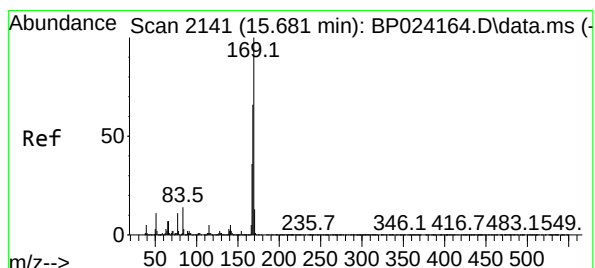
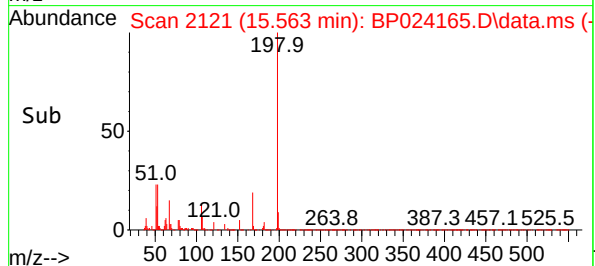
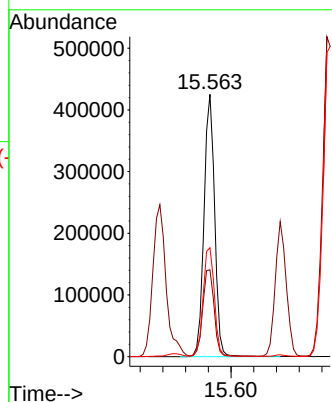
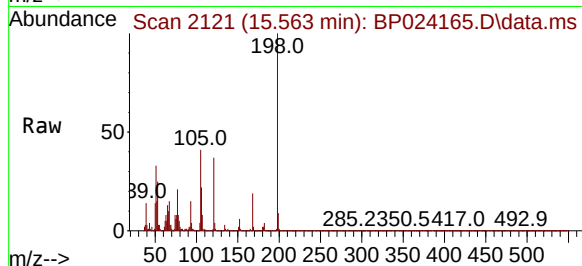




#65
4,6-Dinitro-2-methylphenol
Concen: 55.051 ng
RT: 15.563 min Scan# 2119
Delta R.T. 0.012 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

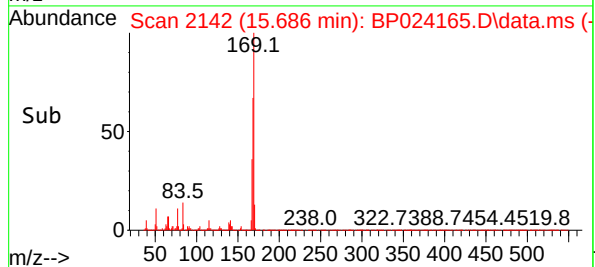
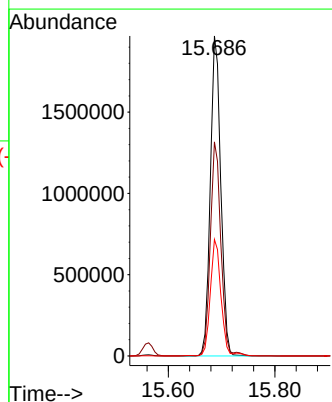
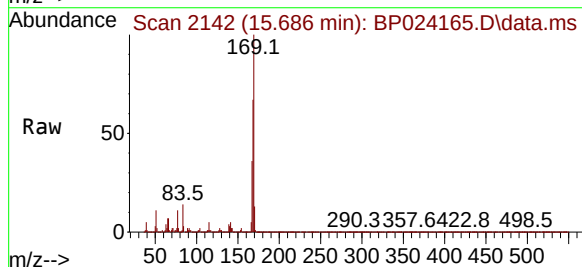
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

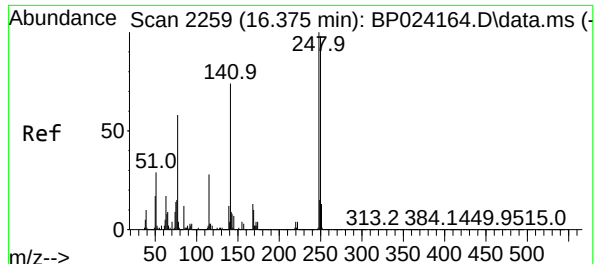
Tgt Ion:198 Resp: 551280
Ion Ratio Lower Upper
198 100
51 33.1 14.7 54.7
105 41.5 23.8 63.8



#66
n-Nitrosodiphenylamine
Concen: 49.497 ng
RT: 15.686 min Scan# 2142
Delta R.T. 0.006 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:169 Resp: 2670636
Ion Ratio Lower Upper
169 100
168 66.9 52.9 79.3
167 36.4 28.8 43.2





#67

4-Bromophenyl-phenylether

Concen: 49.858 ng

RT: 16.386 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024165.D

Acq: 12 Mar 2025 19:41

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

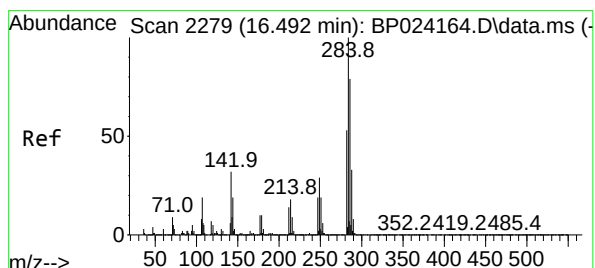
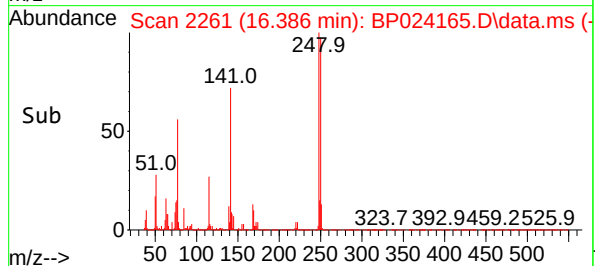
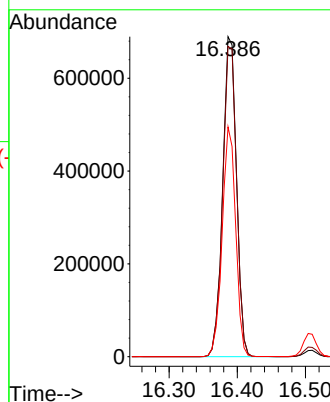
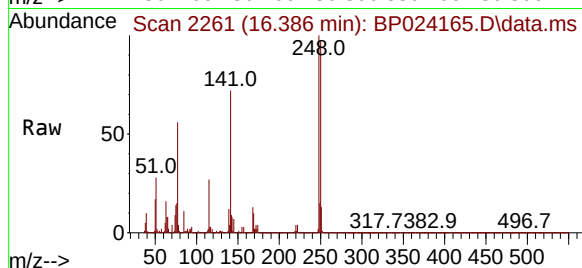
Tgt Ion:248 Resp: 968698

Ion Ratio Lower Upper

248 100

250 97.0 78.4 117.6

141 71.8 59.4 89.0



#68

Hexachlorobenzene

Concen: 49.709 ng

RT: 16.510 min Scan# 2282

Delta R.T. 0.017 min

Lab File: BP024165.D

Acq: 12 Mar 2025 19:41

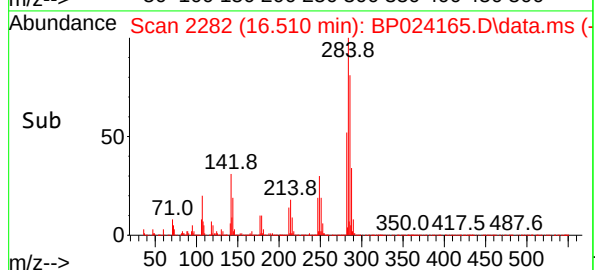
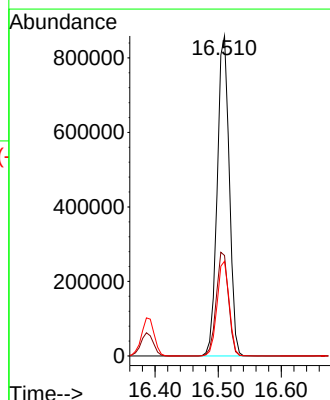
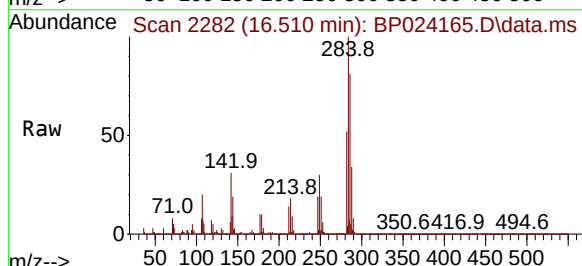
Tgt Ion:284 Resp: 1136445

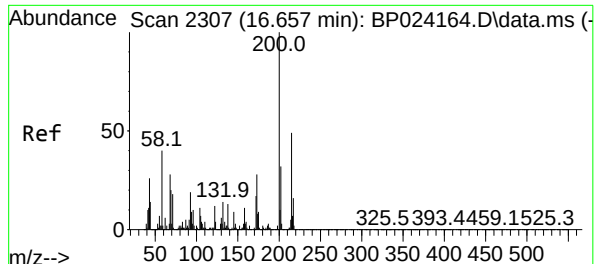
Ion Ratio Lower Upper

284 100

142 31.4 25.4 38.2

249 29.6 23.5 35.3

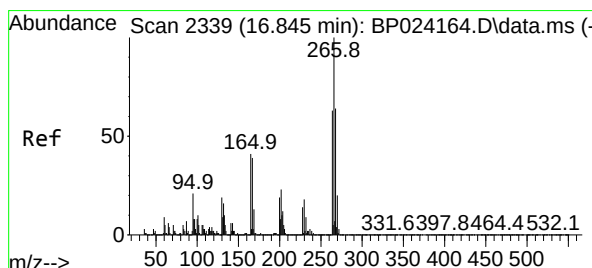
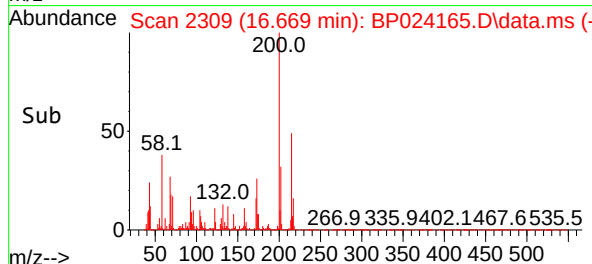
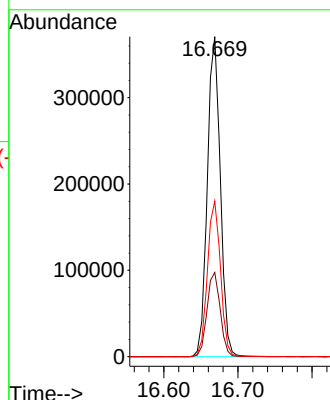
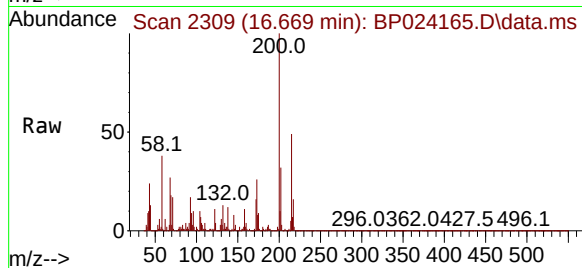




#69
Atrazine
Concen: 32.672 ng
RT: 16.669 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

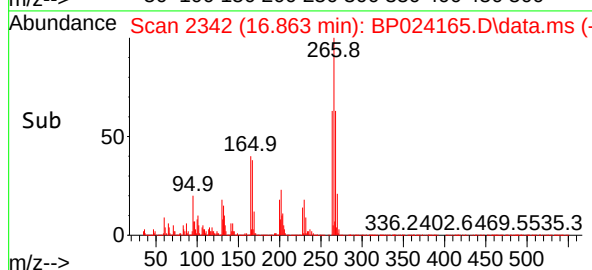
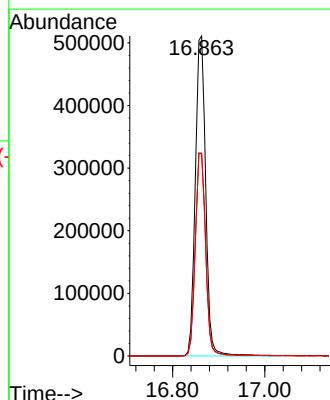
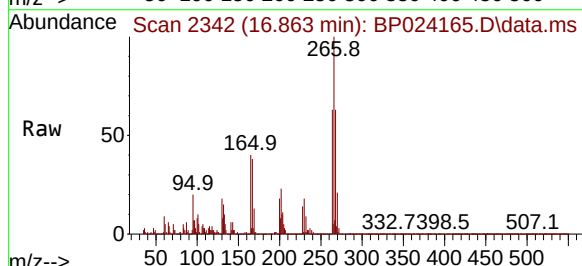
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

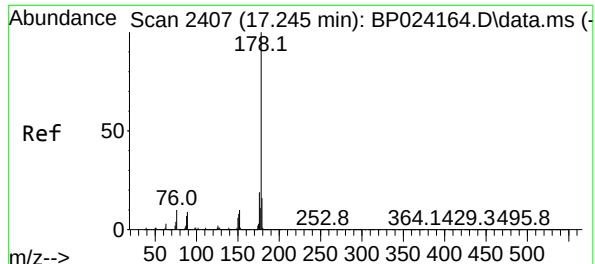
Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.3	7.6	47.6
215	48.6	29.0	69.0



#70
Pentachlorophenol
Concen: 53.644 ng
RT: 16.863 min Scan# 2342
Delta R.T. 0.017 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.3	76.9
264	63.4	50.6	76.0

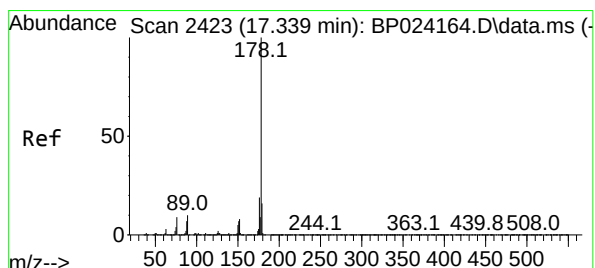
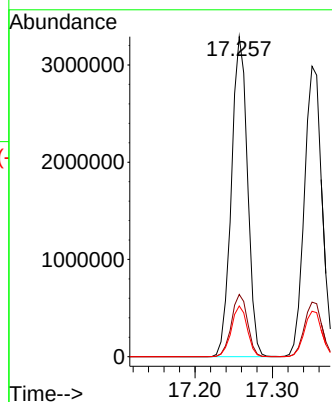
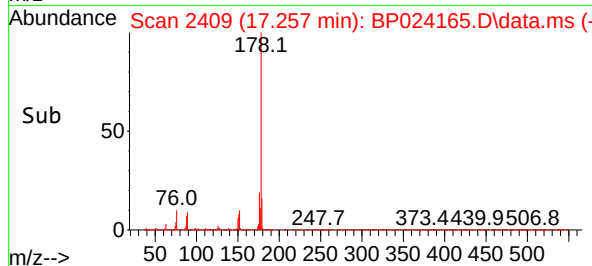
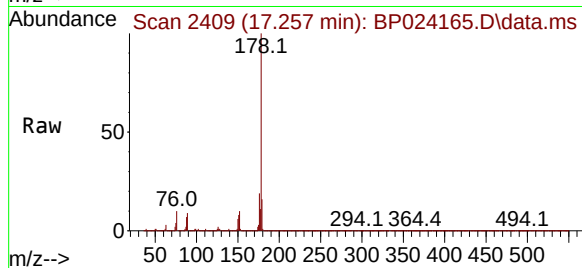




#71
Phenanthrene
Concen: 48.797 ng
RT: 17.257 min Scan# 2409
Delta R.T. 0.012 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

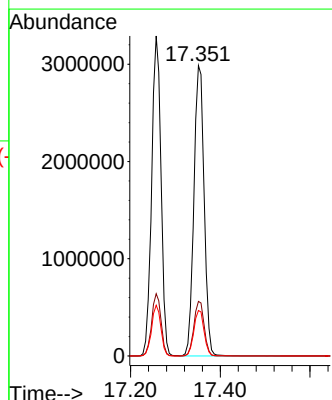
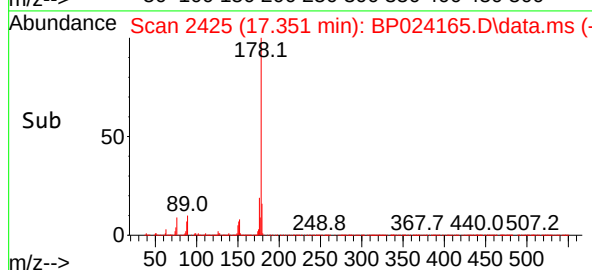
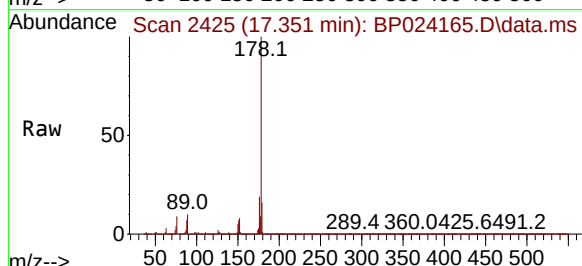
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

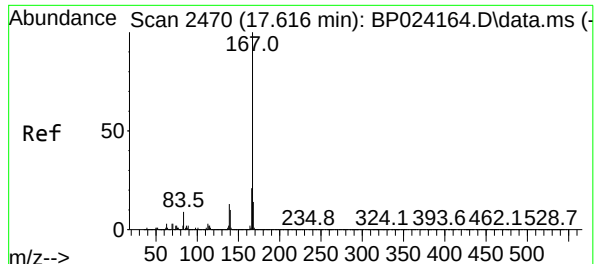
Tgt Ion:178 Resp: 4759945
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.8 12.5 18.7



#72
Anthracene
Concen: 50.526 ng
RT: 17.351 min Scan# 2425
Delta R.T. 0.012 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:178 Resp: 4723119
Ion Ratio Lower Upper
178 100
176 18.8 15.2 22.8
179 15.6 12.6 18.8

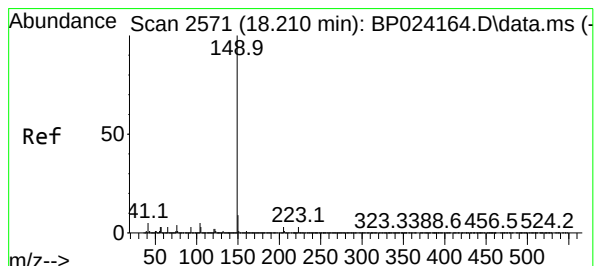
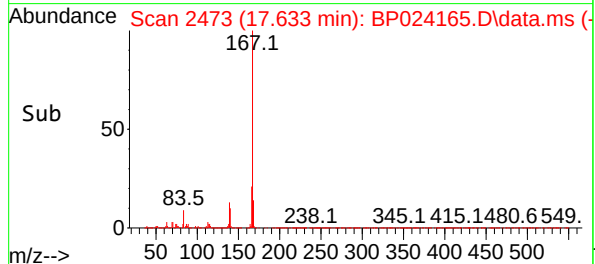
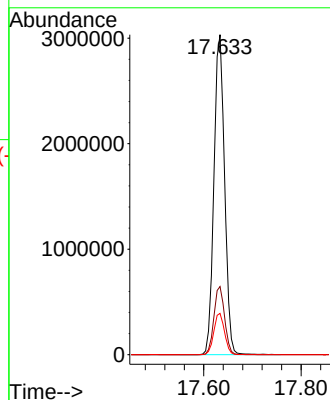
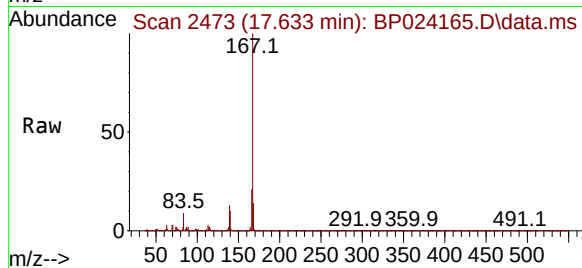




#73
Carbazole
Concen: 51.485 ng
RT: 17.633 min Scan# 2470
Delta R.T. 0.017 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

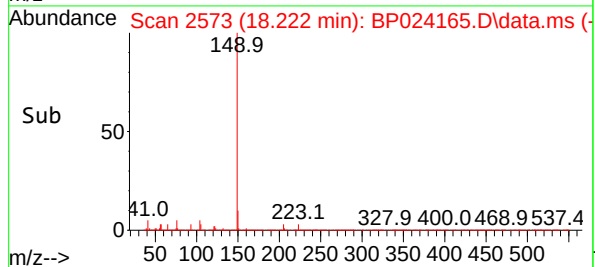
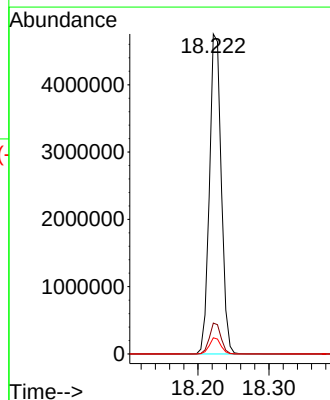
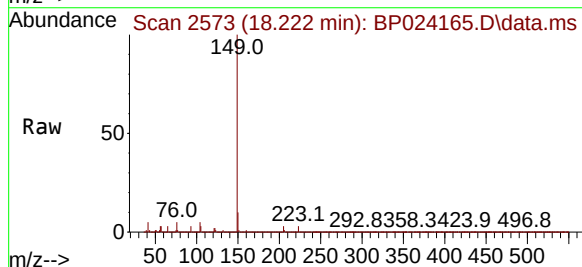
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

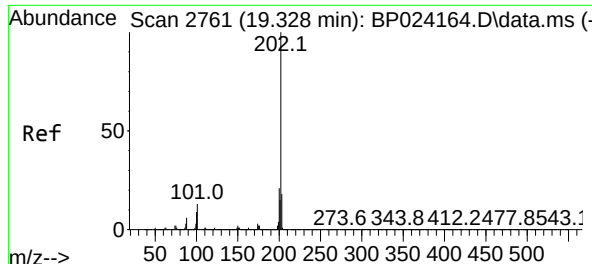
Tgt Ion:167 Resp: 4585466
Ion Ratio Lower Upper
167 100
166 21.3 17.1 25.7
139 12.9 10.2 15.4



#74
Di-n-butylphthalate
Concen: 52.951 ng
RT: 18.222 min Scan# 2573
Delta R.T. 0.012 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:149 Resp: 5502824
Ion Ratio Lower Upper
149 100
150 9.7 7.6 11.4
104 5.0 3.9 5.9

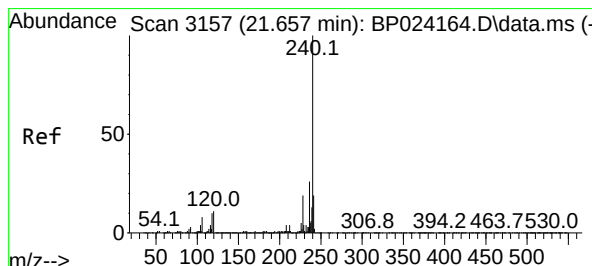
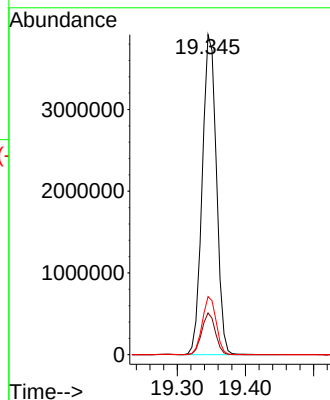
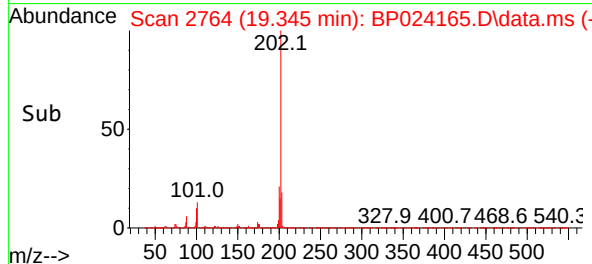
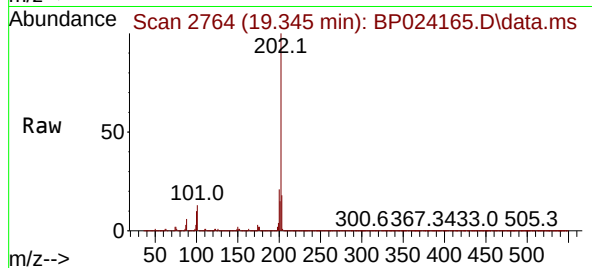




#75
Fluoranthene
Concen: 51.163 ng
RT: 19.345 min Scan# 21
Delta R.T. 0.017 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

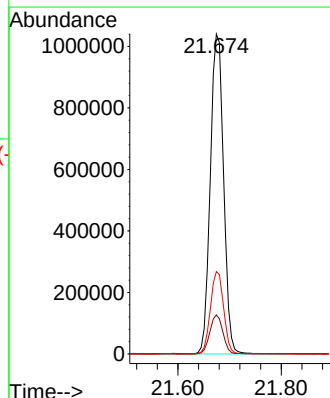
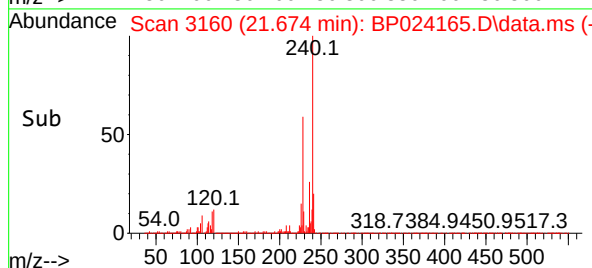
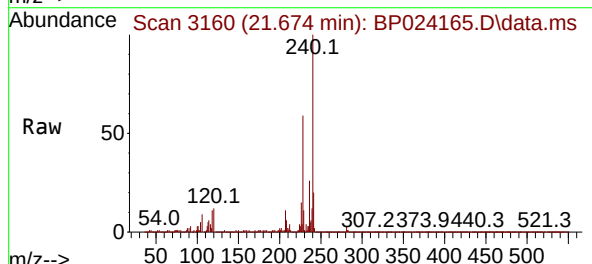
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

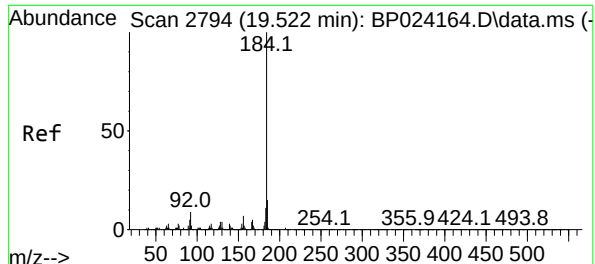
Tgt Ion:202 Resp: 5644914
Ion Ratio Lower Upper
202 100
101 13.0 0.0 32.5
203 18.2 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.674 min Scan# 3160
Delta R.T. 0.017 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:240 Resp: 1856010
Ion Ratio Lower Upper
240 100
120 12.2 9.2 13.8
236 25.7 20.4 30.6

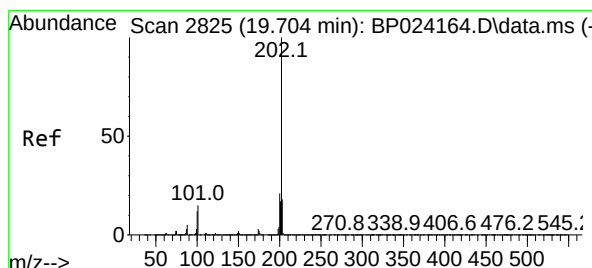
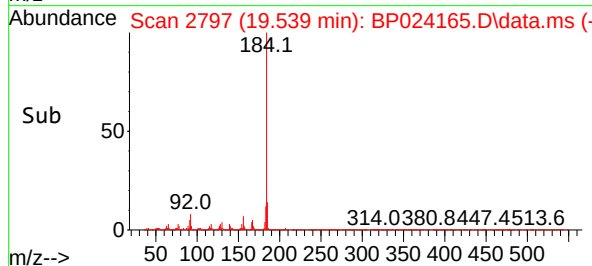
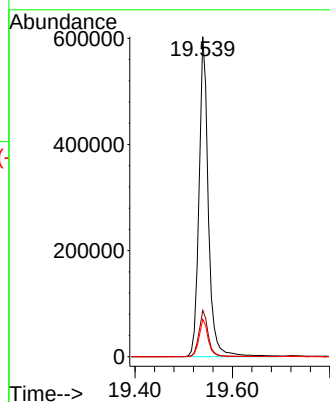
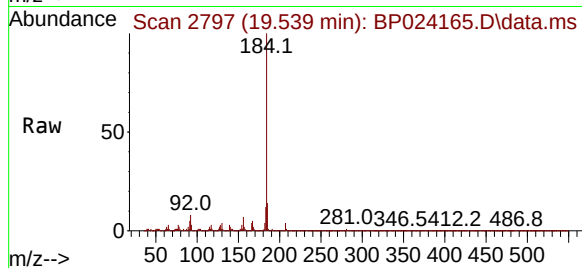




#77
Benzidine
Concen: 35.585 ng
RT: 19.539 min Scan# 21
Delta R.T. 0.017 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

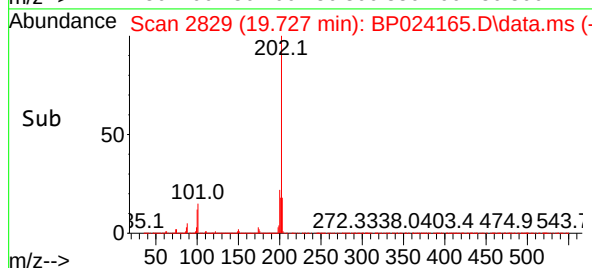
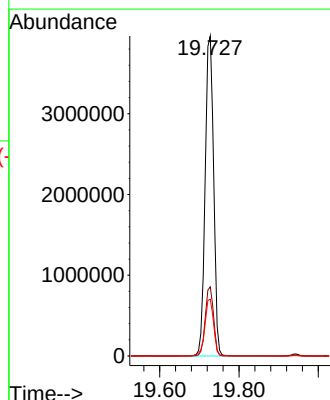
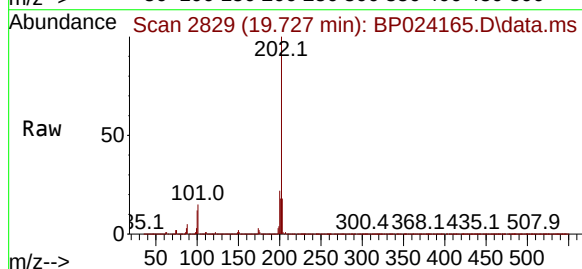
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

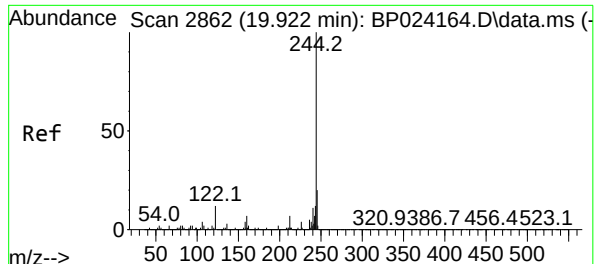
Tgt Ion:184 Resp: 804810
Ion Ratio Lower Upper
184 100
185 14.5 11.8 17.6
183 11.7 9.1 13.7



#78
Pyrene
Concen: 49.843 ng
RT: 19.727 min Scan# 2829
Delta R.T. 0.023 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:202 Resp: 5876091
Ion Ratio Lower Upper
202 100
200 21.6 17.1 25.7
203 17.7 14.2 21.4

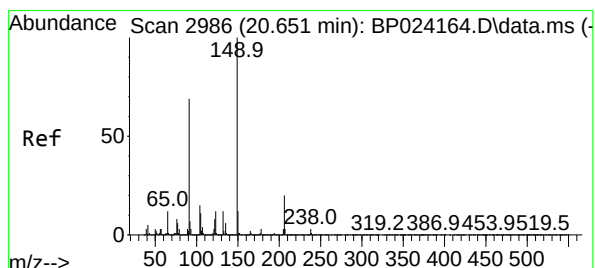
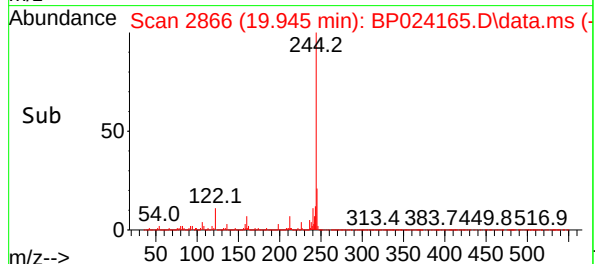
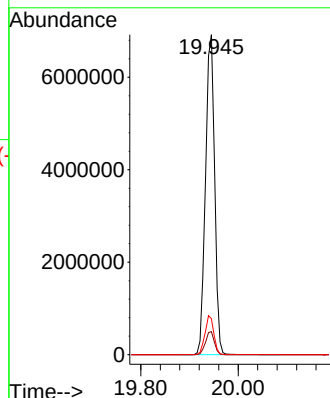
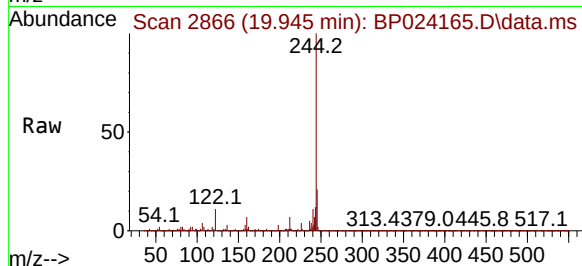




#79
Terphenyl-d14
Concen: 95.606 ng
RT: 19.945 min Scan# 2866
Delta R.T. 0.023 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

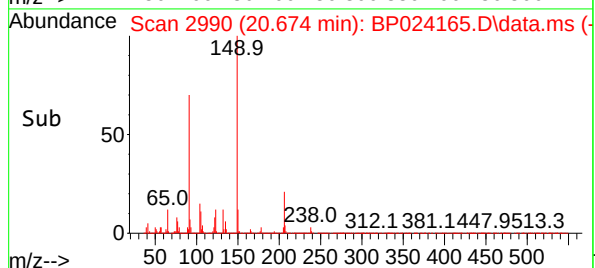
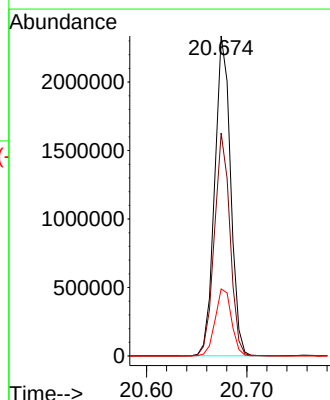
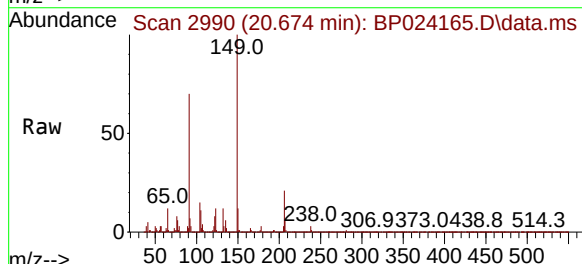
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

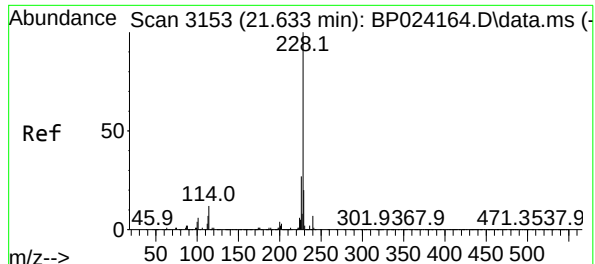
Tgt Ion:244 Resp: 8967575
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 11.3 9.6 14.4



#80
Butylbenzylphthalate
Concen: 56.920 ng
RT: 20.674 min Scan# 2990
Delta R.T. 0.023 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:149 Resp: 2571381
Ion Ratio Lower Upper
149 100
91 69.7 55.3 82.9
206 20.9 16.1 24.1

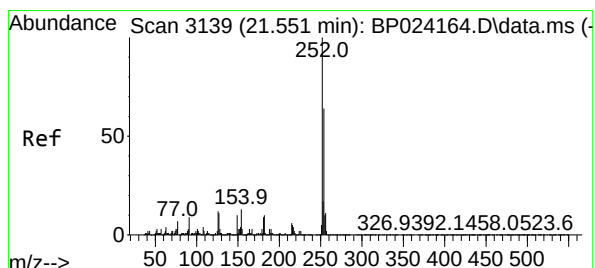
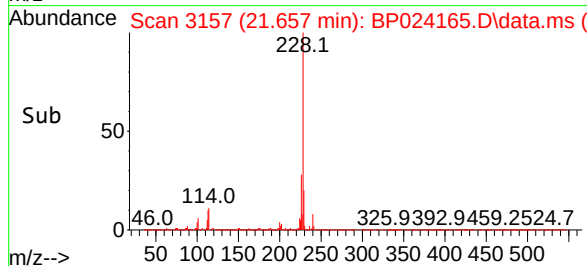
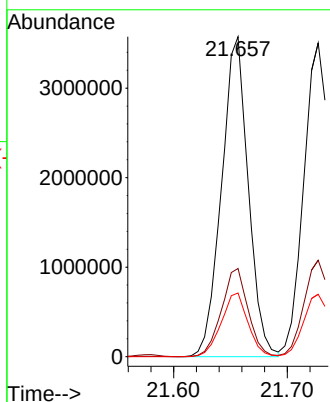
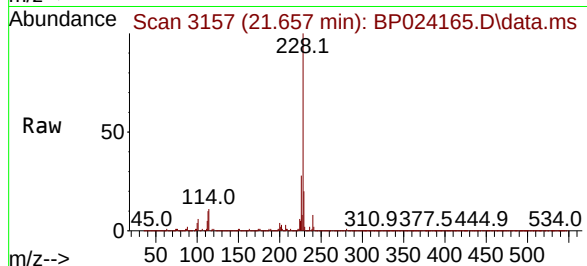




#81
Benzo(a)anthracene
Concen: 50.277 ng
RT: 21.657 min Scan# 3157
Delta R.T. 0.023 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

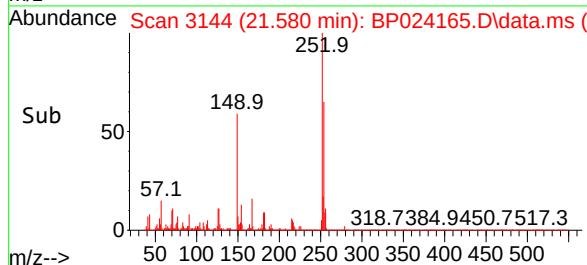
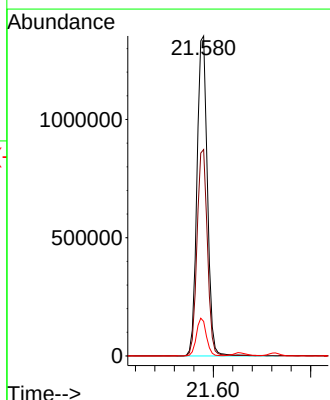
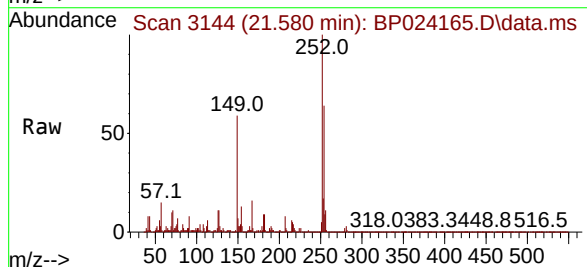
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

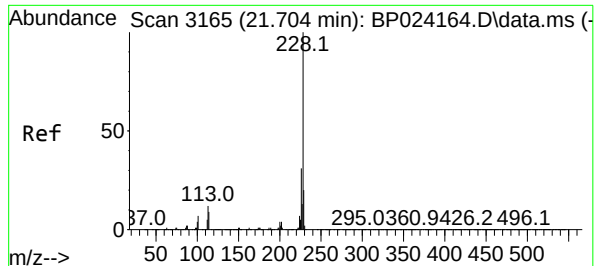
Tgt Ion:228 Resp: 5851357
Ion Ratio Lower Upper
228 100
226 27.6 21.8 32.8
229 19.9 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 55.414 ng
RT: 21.580 min Scan# 3144
Delta R.T. 0.029 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:252 Resp: 2015249
Ion Ratio Lower Upper
252 100
254 64.5 51.4 77.2
126 10.8 9.3 13.9





#83

Chrysene

Concen: 50.126 ng

RT: 21.727 min Scan# 3169

Delta R.T. 0.023 min

Lab File: BP024165.D

Acq: 12 Mar 2025 19:41

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

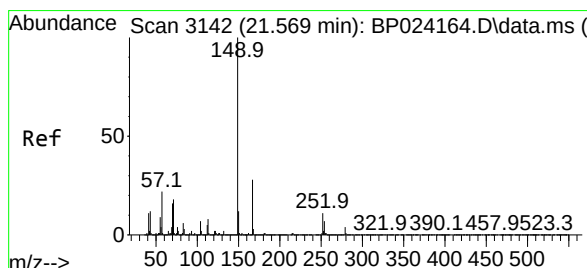
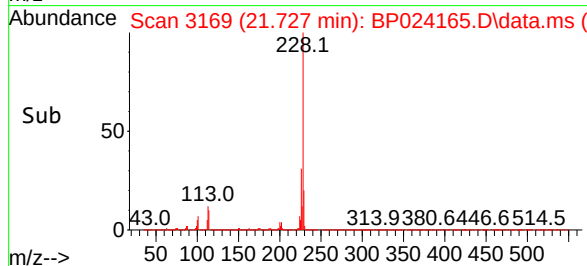
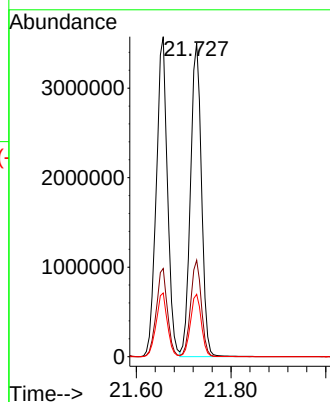
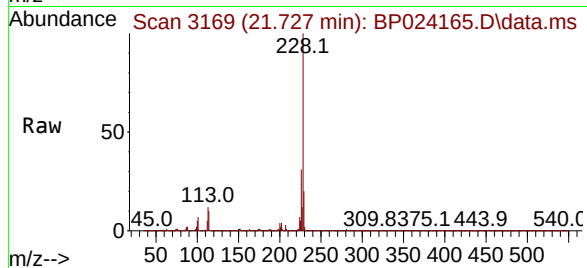
Tgt Ion:228 Resp: 5625314

Ion Ratio Lower Upper

228 100

226 30.7 24.5 36.7

229 19.9 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.499 ng

RT: 21.592 min Scan# 3146

Delta R.T. 0.023 min

Lab File: BP024165.D

Acq: 12 Mar 2025 19:41

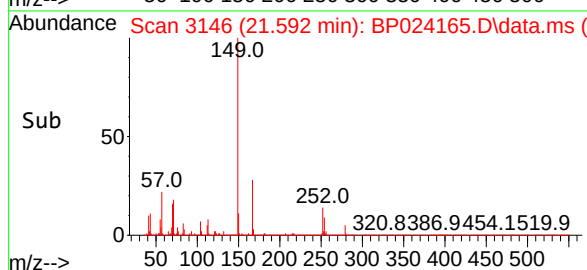
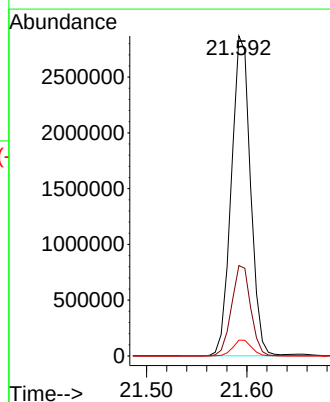
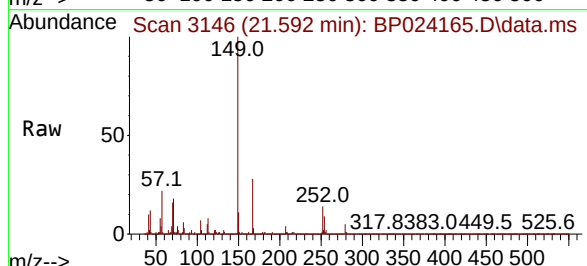
Tgt Ion:149 Resp: 3802016

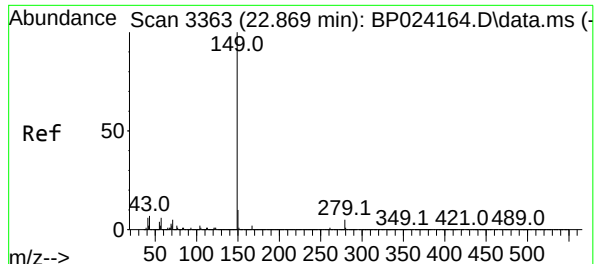
Ion Ratio Lower Upper

149 100

167 28.2 22.5 33.7

279 4.9 3.6 5.4

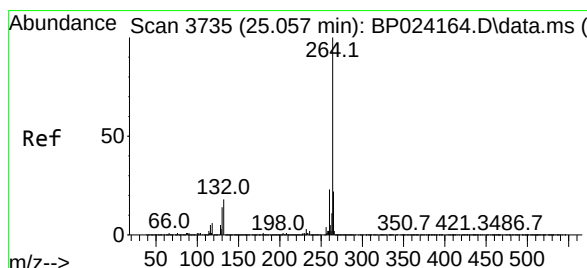
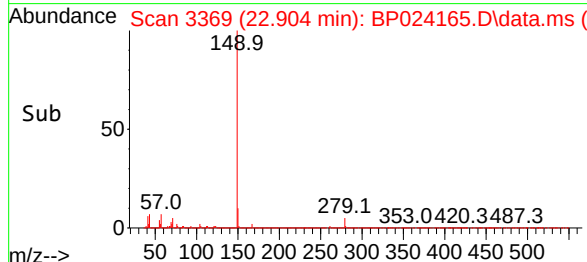
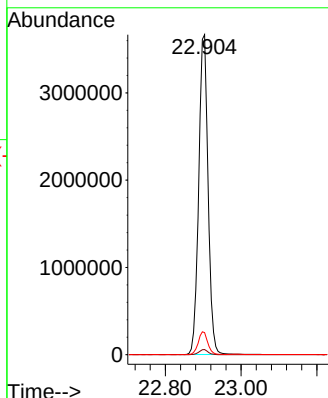
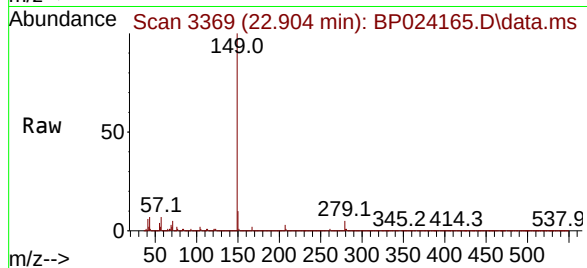




#85
Di-n-octyl phthalate
Concen: 57.516 ng
RT: 22.904 min Scan# 31
Delta R.T. 0.035 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

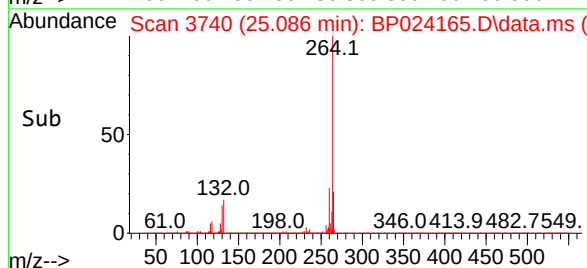
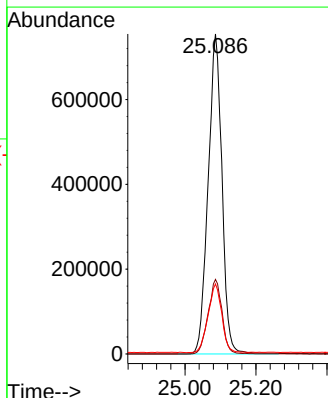
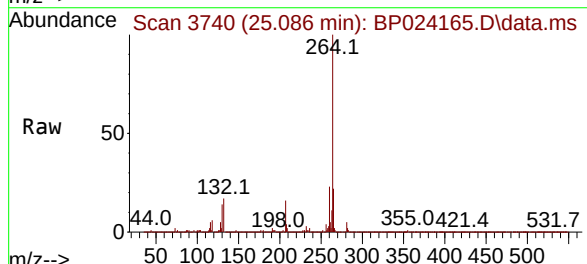
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

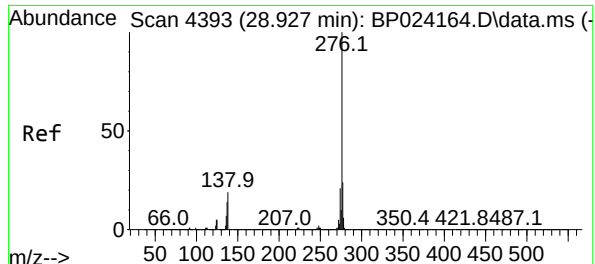
Tgt Ion:149 Resp: 6298049
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.3 5.8 8.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.086 min Scan# 3740
Delta R.T. 0.029 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:264 Resp: 2039908
Ion Ratio Lower Upper
264 100
260 23.3 18.5 27.7
265 21.9 17.7 26.5

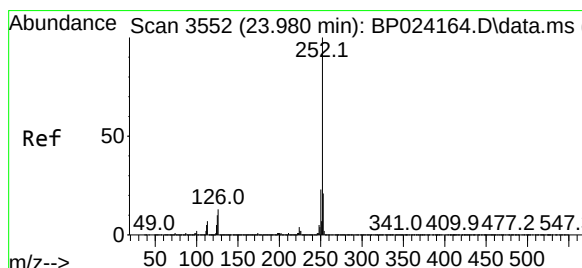
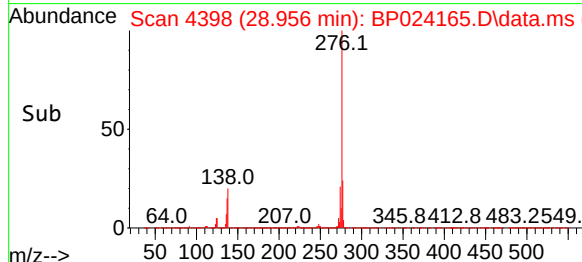
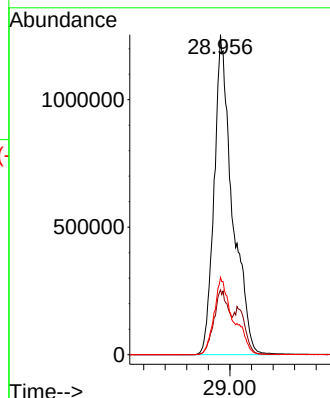
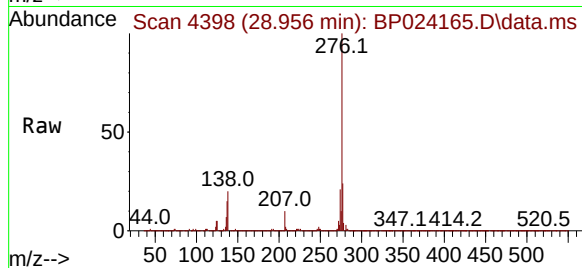




#87
Indeno(1,2,3-cd)pyrene
Concen: 50.680 ng
RT: 28.956 min Scan# 4398
Delta R.T. 0.029 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

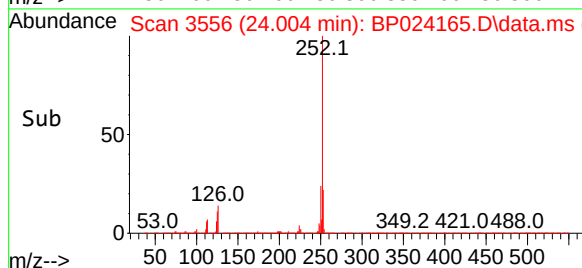
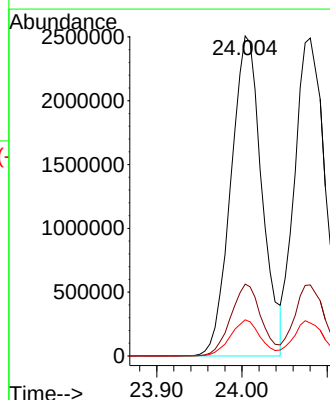
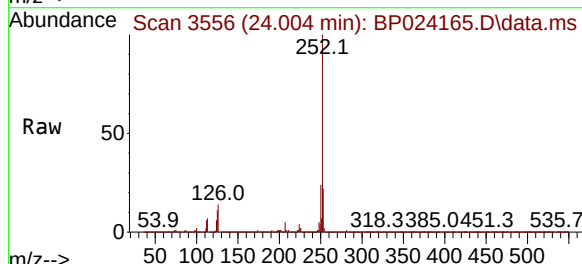
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

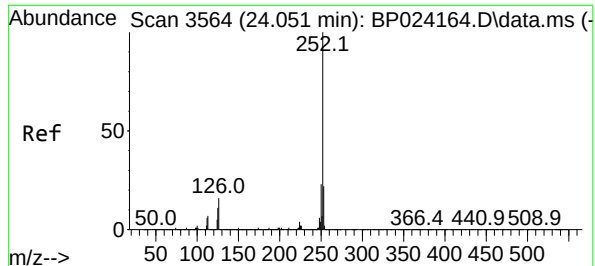
Tgt Ion:276 Resp: 7354717
Ion Ratio Lower Upper
276 100
138 16.5 13.7 20.5
277 25.2 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 48.959 ng
RT: 24.004 min Scan# 3556
Delta R.T. 0.023 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:252 Resp: 6342083
Ion Ratio Lower Upper
252 100
253 22.5 17.2 25.8
125 11.3 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 48.672 ng

RT: 24.080 min Scan# 31

Delta R.T. 0.029 min

Lab File: BP024165.D

Acq: 12 Mar 2025 19:41

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

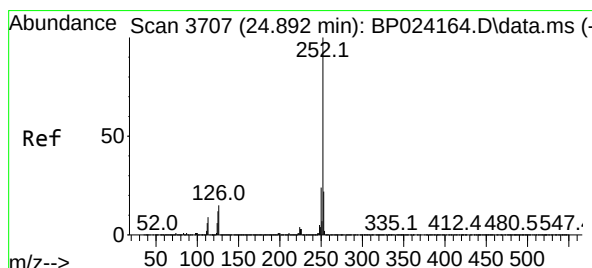
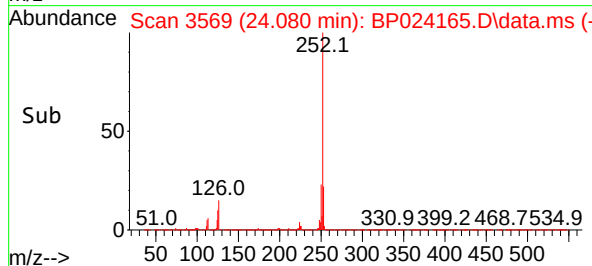
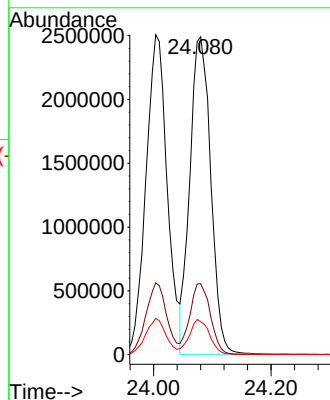
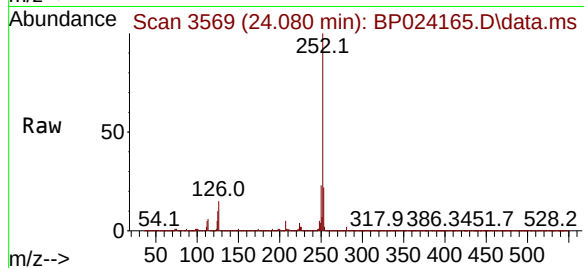
Tgt Ion:252 Resp: 6136938

Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 10.4 9.1 13.7



#90

Benzo(a)pyrene

Concen: 50.770 ng

RT: 24.927 min Scan# 3713

Delta R.T. 0.035 min

Lab File: BP024165.D

Acq: 12 Mar 2025 19:41

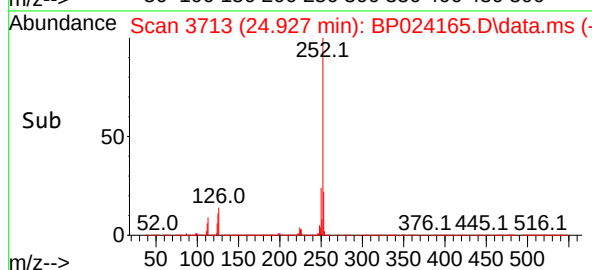
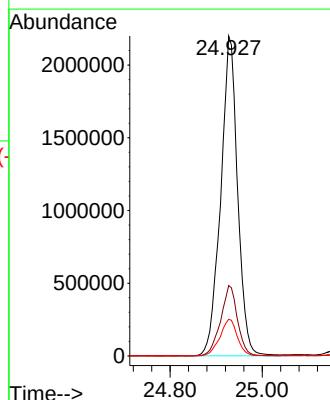
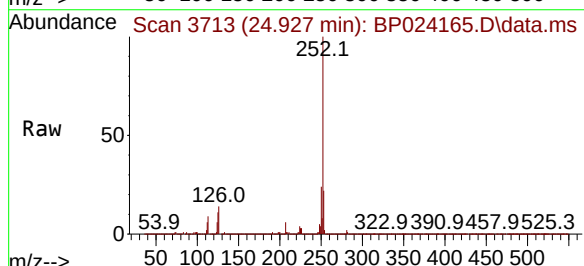
Tgt Ion:252 Resp: 5581393

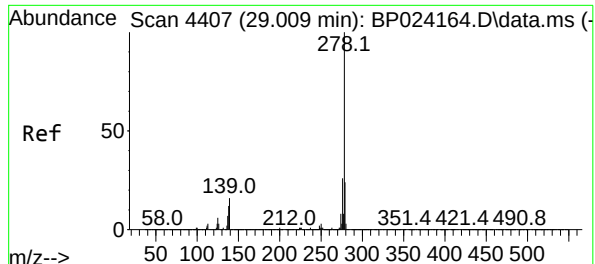
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 11.4 9.6 14.4

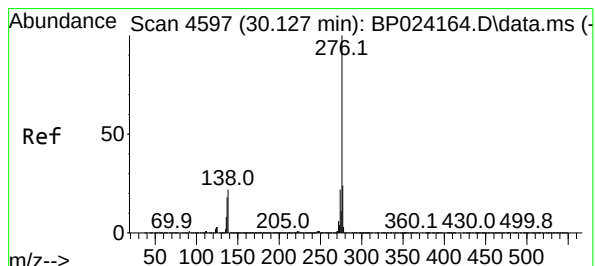
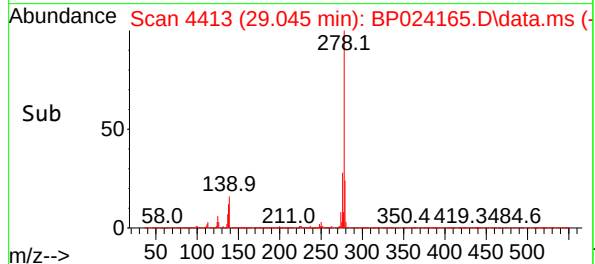
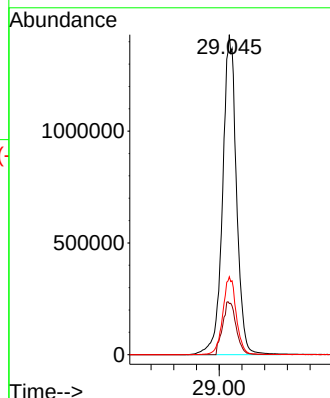
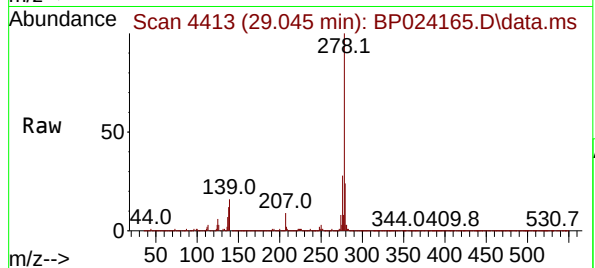




#91
Dibenzo(a,h)anthracene
Concen: 49.766 ng
RT: 29.045 min Scan# 4407
Delta R.T. 0.035 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

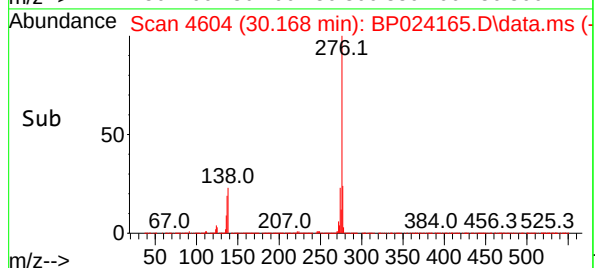
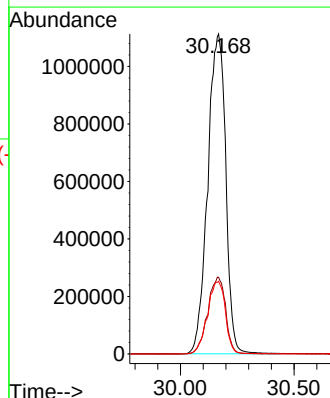
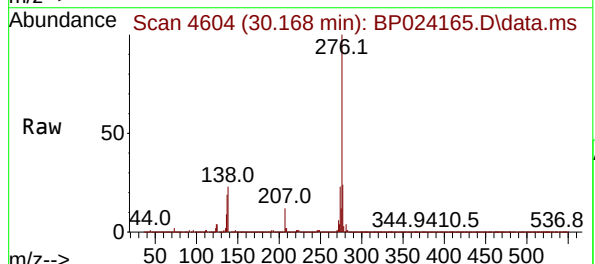
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:278 Resp: 6072440
Ion Ratio Lower Upper
278 100
139 16.0 13.0 19.4
279 24.4 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 49.509 ng
RT: 30.168 min Scan# 4604
Delta R.T. 0.041 min
Lab File: BP024165.D
Acq: 12 Mar 2025 19:41

Tgt Ion:276 Resp: 6130219
Ion Ratio Lower Upper
276 100
277 23.9 19.2 28.8
138 22.7 17.4 26.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
 Data File : BP024166.D
 Acq On : 12 Mar 2025 20:21
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC060

Quant Time: Mar 13 04:09:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 04:01:12 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	394376	20.000	ng	0.00
21) Naphthalene-d8	10.552	136	1591612	20.000	ng	0.00
39) Acenaphthene-d10	14.404	164	936110	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	1759587	20.000	ng	0.00
76) Chrysene-d12	21.669	240	1817869	20.000	ng	0.01
86) Perylene-d12	25.074	264	2003229	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	3091896	122.332	ng	0.00
7) Phenol-d6	6.958	99	4151063	127.785	ng	0.00
23) Nitrobenzene-d5	8.922	82	3516139	123.247	ng	0.00
42) 2,4,6-Tribromophenol	15.922	330	1542341	134.511	ng	0.00
45) 2-Fluorobiphenyl	13.016	172	7675412	114.626	ng	0.00
79) Terphenyl-d14	19.933	244	10595349	115.330	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.322	88	588784	59.385	ng	100
3) Pyridine	3.717	79	1653707m	64.153	ng	
4) n-Nitrosodimethylamine	3.622	42	551093	60.270	ng	99
6) Aniline	7.111	93	1788370	60.115	ng	99
8) 2-Chlorophenol	7.346	128	1656453	61.919	ng	99
9) Benzaldehyde	6.922	77	830475	55.995	ng	99
10) Phenol	6.981	94	2072585	63.448	ng	99
11) bis(2-Chloroethyl)ether	7.199	93	1606110	62.425	ng	99
12) 1,3-Dichlorobenzene	7.663	146	1740829	59.234	ng	100
13) 1,4-Dichlorobenzene	7.805	146	1778400	59.836	ng	100
14) 1,2-Dichlorobenzene	8.122	146	1703894	59.737	ng	100
15) Benzyl Alcohol	8.010	79	1332675	67.021	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.293	45	1610981	64.502	ng	99
17) 2-Methylphenol	8.210	107	1316438	66.132	ng	99
18) Hexachloroethane	8.846	117	636840	59.498	ng	96
19) n-Nitroso-di-n-propyla...	8.575	70	1191669	68.227	ng	99
20) 3+4-Methylphenols	8.540	107	1809984	66.838	ng	100
22) Acetophenone	8.587	105	2478568	60.600	ng	99
24) Nitrobenzene	8.963	77	1731589	61.673	ng	99
25) Isophorone	9.487	82	3063158	65.658	ng	100
26) 2-Nitrophenol	9.669	139	904714	69.941	ng	97
27) 2,4-Dimethylphenol	9.734	122	1095778	64.534	ng	99
28) bis(2-Chloroethoxy)met...	9.963	93	2086687	61.742	ng	99
29) 2,4-Dichlorophenol	10.204	162	1497152	64.609	ng	99
30) 1,2,4-Trichlorobenzene	10.416	180	1578453	59.453	ng	100
31) Naphthalene	10.604	128	5145859	60.129	ng	100
32) Benzoic acid	9.904	122	1203679	77.325	ng	98
33) 4-Chloroaniline	10.710	127	1859148	61.665	ng	99
34) Hexachlorobutadiene	10.887	225	918034	59.699	ng	98
35) Caprolactam	11.510	113	496683	70.784	ng	99
36) 4-Chloro-3-methylphenol	11.846	107	1582952	66.451	ng	98
37) 2-Methylnaphthalene	12.216	142	3504891	61.618	ng	100
38) 1-Methylnaphthalene	12.434	142	3364504	60.802	ng	100
40) 1,2,4,5-Tetrachloroben...	12.587	216	1707961	59.382	ng	100
41) Hexachlorocyclopentadiene	12.563	237	656781	61.365	ng	98
43) 2,4,6-Trichlorophenol	12.828	196	1148545	65.478	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
 Data File : BP024166.D
 Acq On : 12 Mar 2025 20:21
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC060

Quant Time: Mar 13 04:09:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 04:01:12 2025
 Response via : Initial Calibration

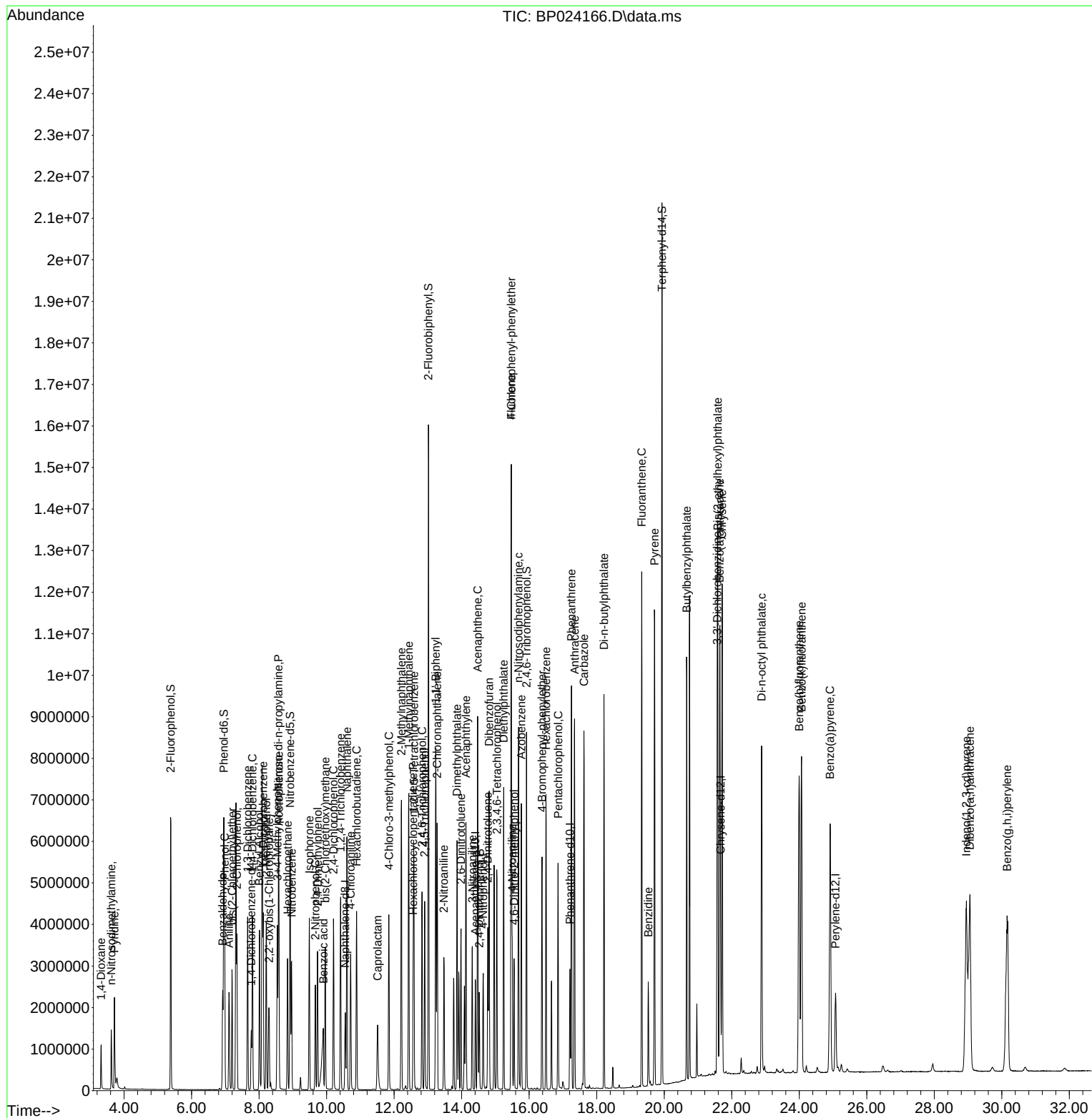
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.904	196	1233147	64.282	ng	99
46) 1,1'-Biphenyl	13.234	154	4312903	59.291	ng	99
47) 2-Chloronaphthalene	13.275	162	3269176	59.452	ng	100
48) 2-Nitroaniline	13.475	65	890207	68.533	ng	99
49) Acenaphthylene	14.128	152	5025011	62.024	ng	100
50) Dimethylphthalate	13.863	163	3997694	60.542	ng	100
51) 2,6-Dinitrotoluene	13.981	165	887706	65.996	ng	96
52) Acenaphthene	14.475	154	3153799	60.450	ng	99
53) 3-Nitroaniline	14.316	138	963434	67.123	ng	99
54) 2,4-Dinitrophenol	14.522	184	523590	73.093	ng	97
55) Dibenzofuran	14.816	168	5051493	59.602	ng	100
56) 4-Nitrophenol	14.640	139	831765	67.086	ng	99
57) 2,4-Dinitrotoluene	14.775	165	1211692	69.346	ng	98
58) Fluorene	15.469	166	3951671	59.702	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.045	232	1055860	63.439	ng	99
60) Diethylphthalate	15.245	149	4030341	61.486	ng	99
61) 4-Chlorophenyl-phenyle...	15.469	204	1934265	59.370	ng	100
62) 4-Nitroaniline	15.498	138	1025149	68.824	ng	98
63) Azobenzene	15.769	77	3829148	62.340	ng	98
65) 4,6-Dinitro-2-methylph...	15.557	198	698260	68.563	ng	93
66) n-Nitrosodiphenylamine	15.687	169	3334914	60.776	ng	100
67) 4-Bromophenyl-phenylether	16.381	248	1211468	61.311	ng	97
68) Hexachlorobenzene	16.498	284	1425714	61.320	ng	97
70) Pentachlorophenol	16.857	266	1002726	66.402	ng	100
71) Phenanthrene	17.251	178	5863198	59.103	ng	99
72) Anthracene	17.345	178	5754537	60.532	ng	100
73) Carbazole	17.622	167	5598533	61.810	ng	99
74) Di-n-butylphthalate	18.216	149	6844468	64.761	ng	100
75) Fluoranthene	19.333	202	6849338	61.042	ng	99
77) Benzidine	19.528	184	1518742	68.561	ng	100
78) Pyrene	19.710	202	7049649	61.052	ng	99
80) Butylbenzylphthalate	20.663	149	3170269	71.649	ng	99
81) Benzo(a)anthracene	21.645	228	7010330	61.500	ng	99
82) 3,3'-Dichlorobenzidine	21.569	252	2547922	71.531	ng	99
83) Chrysene	21.716	228	6653811	60.535	ng	99
84) Bis(2-ethylhexyl)phtha...	21.586	149	4788368	71.363	ng	98
85) Di-n-octyl phthalate	22.886	149	7825427	72.964	ng	100
87) Indeno(1,2,3-cd)pyrene	28.951	276	8887645m	62.364	ng	
88) Benzo(b)fluoranthene	23.998	252	7606878	59.798	ng	99
89) Benzo(k)fluoranthene	24.068	252	7515459	60.696	ng	99
90) Benzo(a)pyrene	24.915	252	6723161	62.275	ng	99
91) Dibenzo(a,h)anthracene	29.056	278	7370514	61.510	ng	99
92) Benzo(g,h,i)perylene	30.156	276	7489359	61.593	ng	99

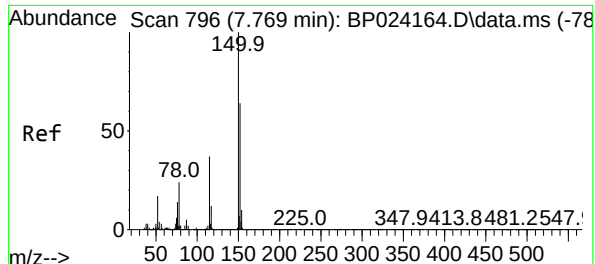
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024166.D
Acq On : 12 Mar 2025 20:21
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Mar 13 04:09:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:01:12 2025
Response via : Initial Calibration

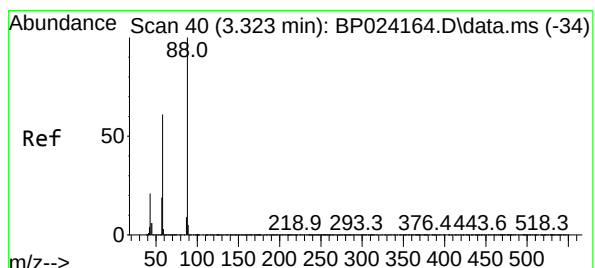
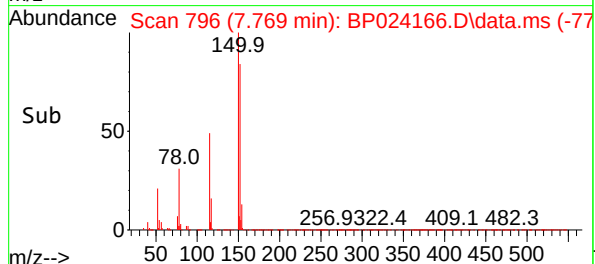
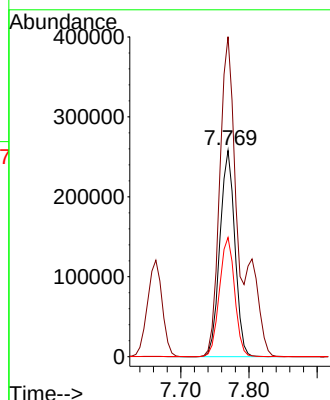
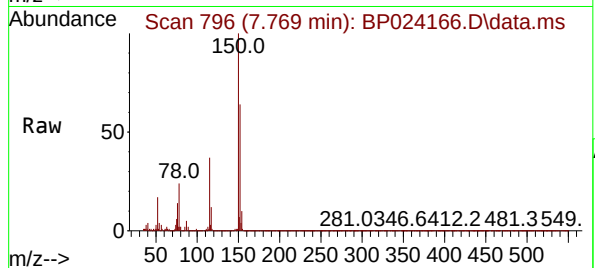




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 796
Delta R.T. 0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

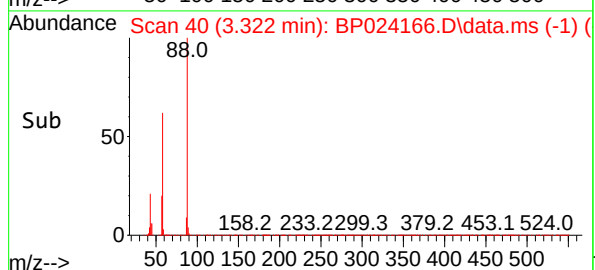
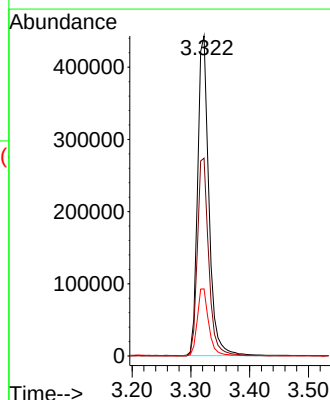
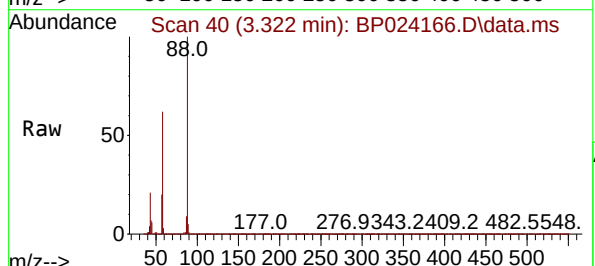
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

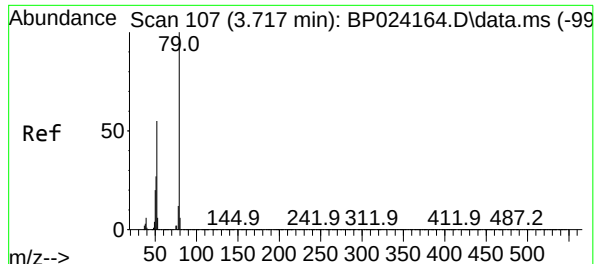
Tgt Ion:152 Resp: 394376
Ion Ratio Lower Upper
152 100
150 155.1 125.5 188.3
115 57.8 46.3 69.5



#2
1,4-Dioxane
Concen: 59.385 ng
RT: 3.322 min Scan# 40
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion: 88 Resp: 588784
Ion Ratio Lower Upper
88 100
58 62.5 49.8 74.6
43 21.3 17.3 25.9

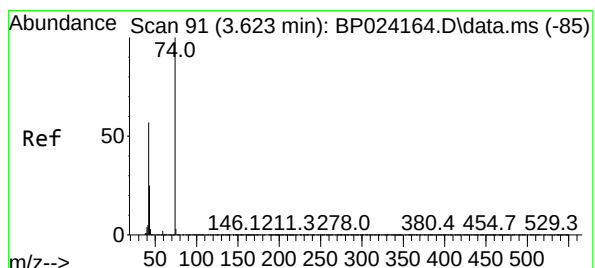
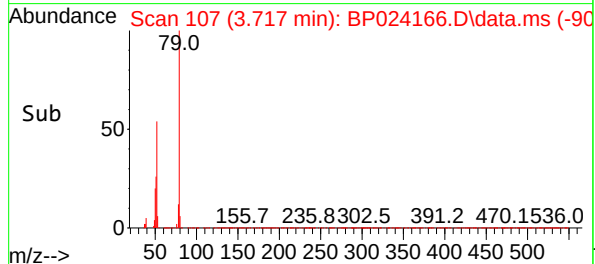
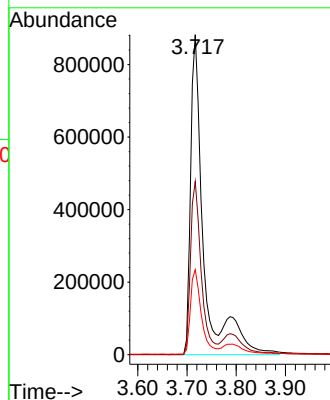
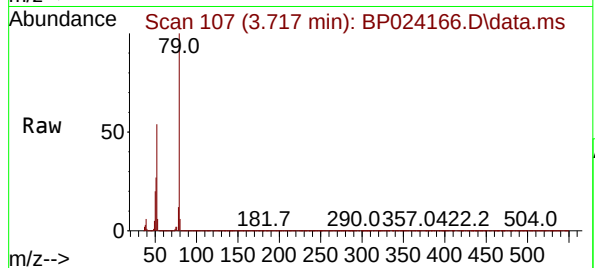




#3
Pyridine
Concen: 64.153 ng m
RT: 3.717 min Scan# 107
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

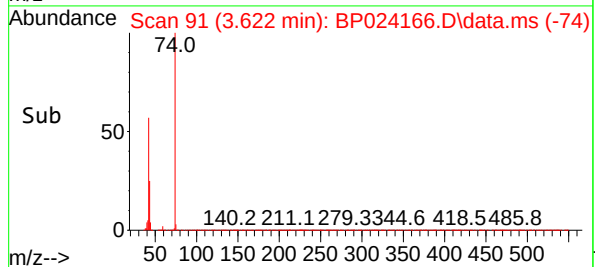
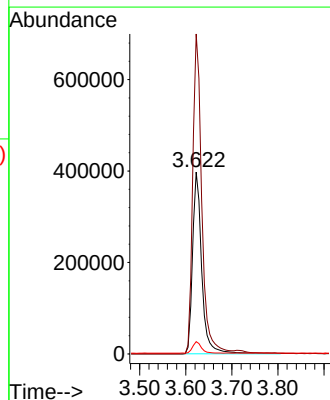
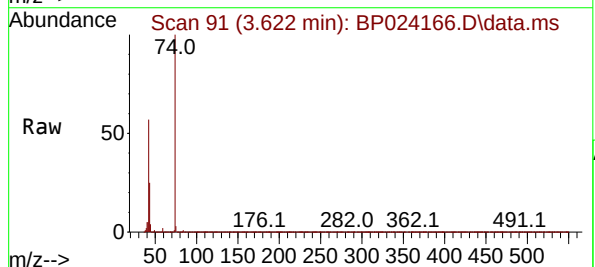
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

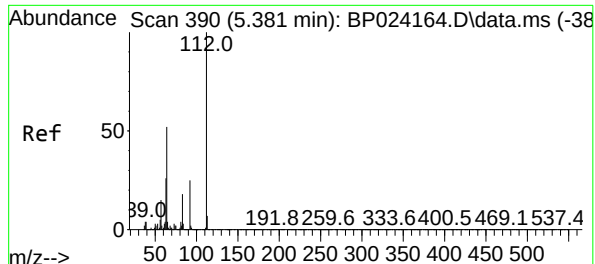
Tgt Ion: 79 Resp: 1653707
Ion Ratio Lower Upper
79 100
52 54.2 43.8 65.8
51 26.6 21.6 32.4



#4
n-Nitrosodimethylamine
Concen: 60.270 ng
RT: 3.622 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion: 42 Resp: 551093
Ion Ratio Lower Upper
42 100
74 175.9 139.8 209.6
44 6.8 5.3 7.9





#5

2-Fluorophenol

Concen: 122.332 ng

RT: 5.381 min Scan# 390

Delta R.T. -0.000 min

Lab File: BP024166.D

Acq: 12 Mar 2025 20:21

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

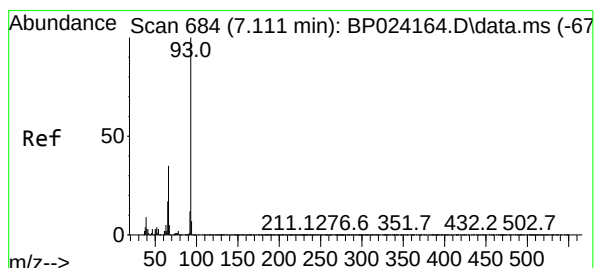
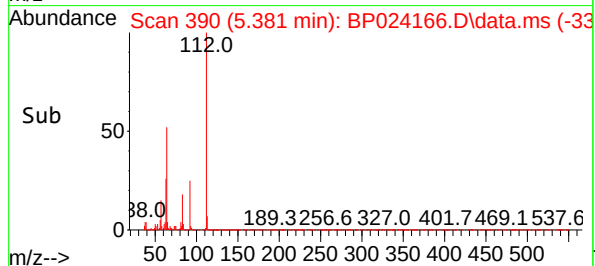
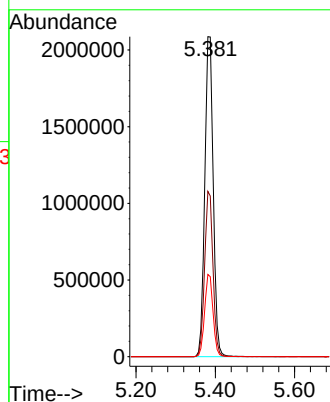
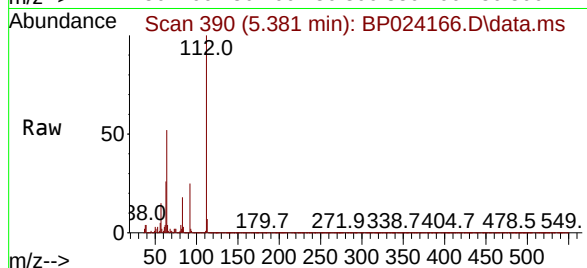
Tgt Ion:112 Resp: 3091896

Ion Ratio Lower Upper

112 100

64 51.7 41.3 61.9

63 25.7 20.6 31.0



#6

Aniline

Concen: 60.115 ng

RT: 7.111 min Scan# 684

Delta R.T. -0.000 min

Lab File: BP024166.D

Acq: 12 Mar 2025 20:21

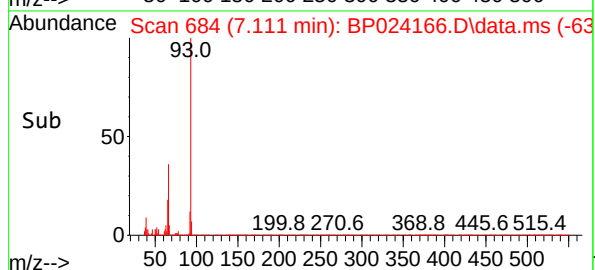
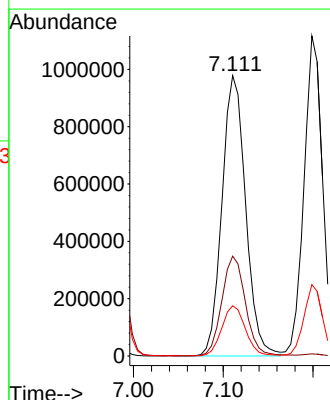
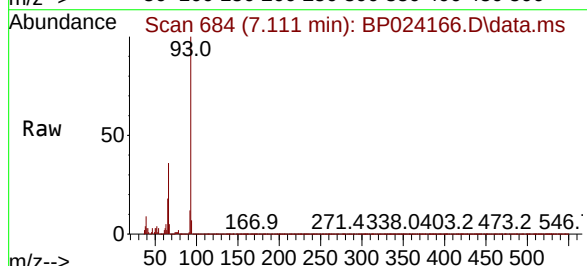
Tgt Ion: 93 Resp: 1788370

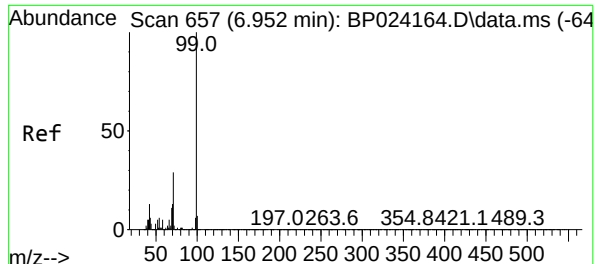
Ion Ratio Lower Upper

93 100

66 35.6 28.2 42.2

65 17.9 14.0 21.0



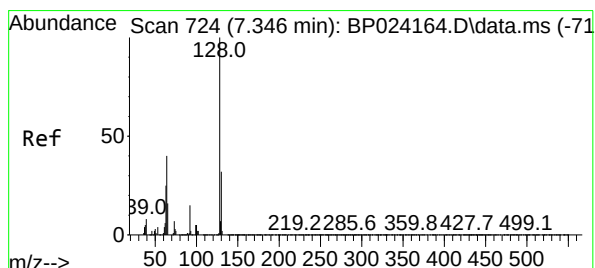
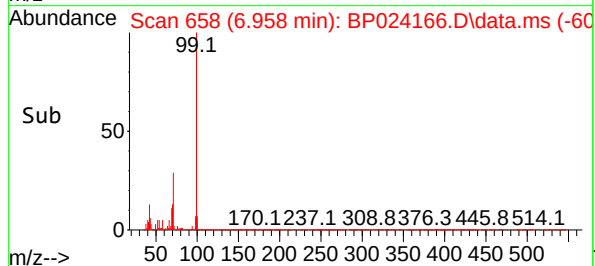
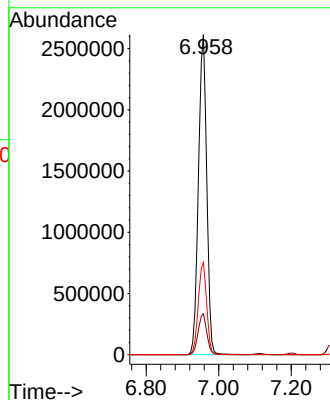
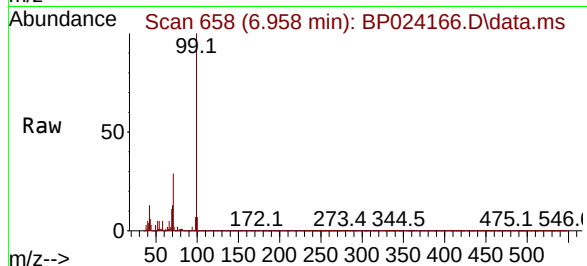


#7
Phenol-d6
Concen: 127.785 ng
RT: 6.958 min Scan# 657
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 99 Resp: 4151063

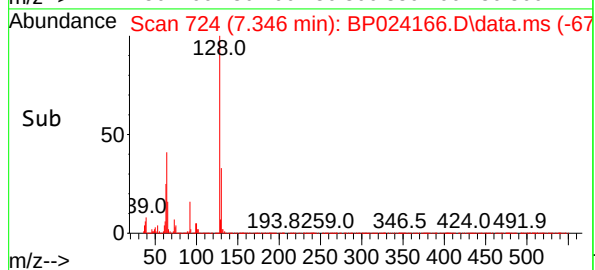
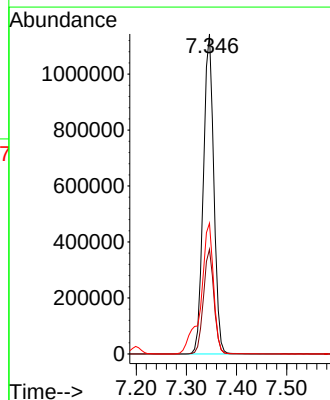
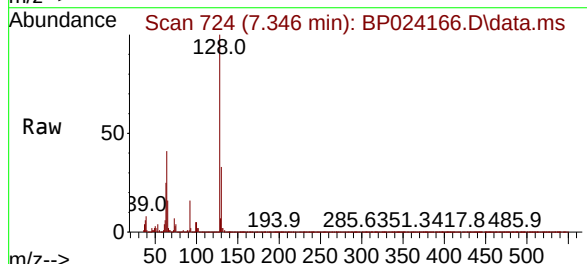
Ion	Ratio	Lower	Upper
99	100		
42	12.7	10.6	16.0
71	28.9	23.3	34.9

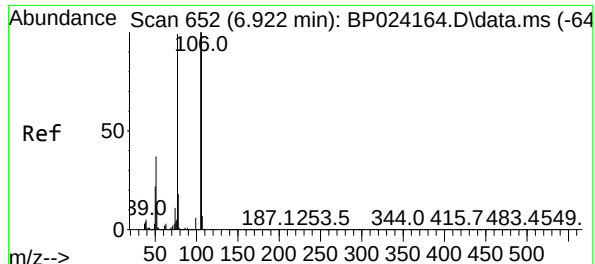


#8
2-Chlorophenol
Concen: 61.919 ng
RT: 7.346 min Scan# 724
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion: 128 Resp: 1656453

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.0	52.0
64	40.9	21.6	61.6





#9

Benzaldehyde

Concen: 55.995 ng

RT: 6.922 min Scan# 61

Delta R.T. -0.000 min

Lab File: BP024166.D

Acq: 12 Mar 2025 20:21

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

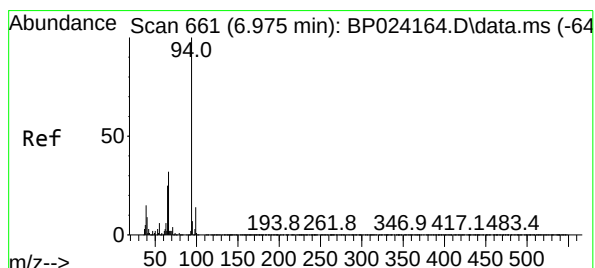
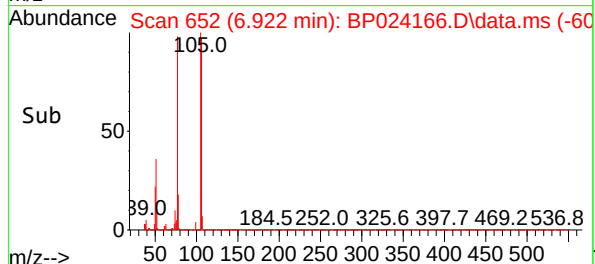
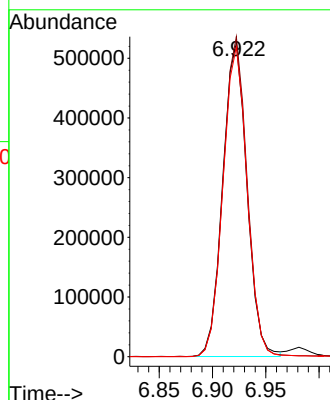
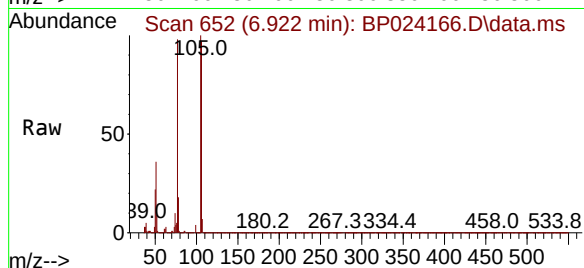
Tgt Ion: 77 Resp: 830475

Ion Ratio Lower Upper

77 100

105 102.0 81.4 121.4

106 98.7 81.1 121.1



#10

Phenol

Concen: 63.448 ng

RT: 6.981 min Scan# 662

Delta R.T. 0.006 min

Lab File: BP024166.D

Acq: 12 Mar 2025 20:21

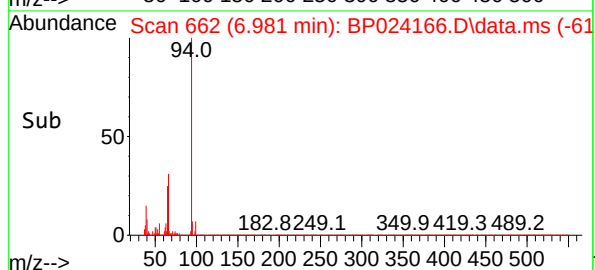
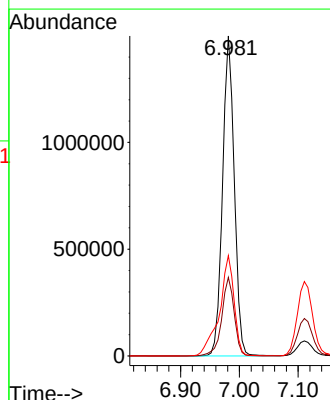
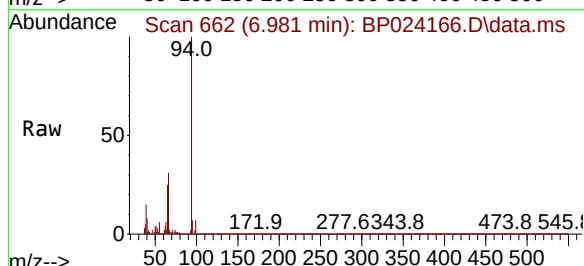
Tgt Ion: 94 Resp: 2072585

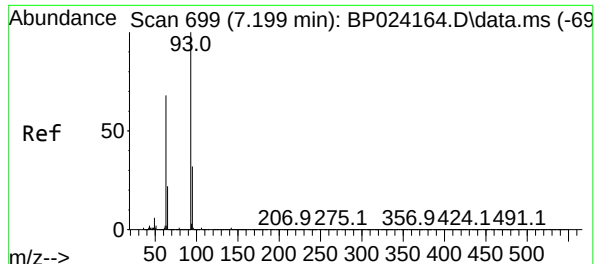
Ion Ratio Lower Upper

94 100

65 24.5 4.9 44.9

66 31.3 11.9 51.9

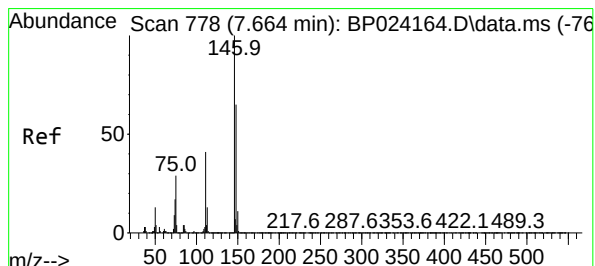
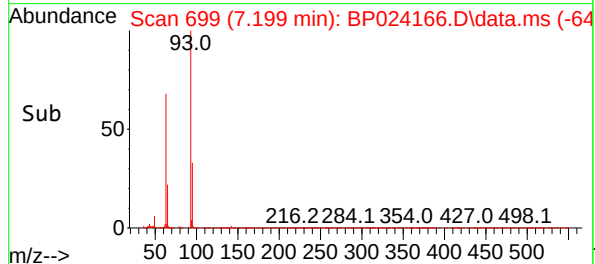
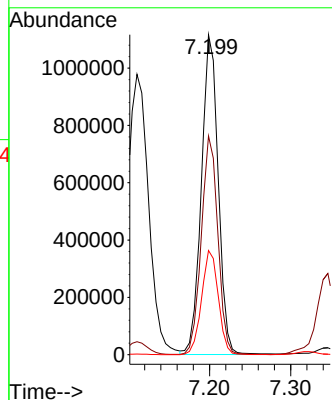
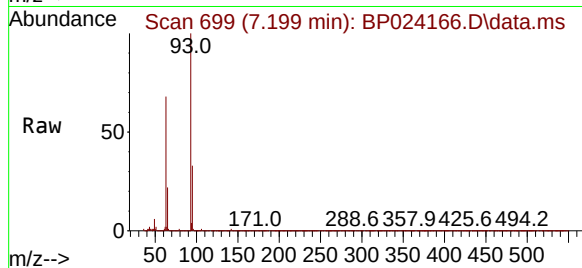




#11
bis(2-Chloroethyl)ether
Concen: 62.425 ng
RT: 7.199 min Scan# 699
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

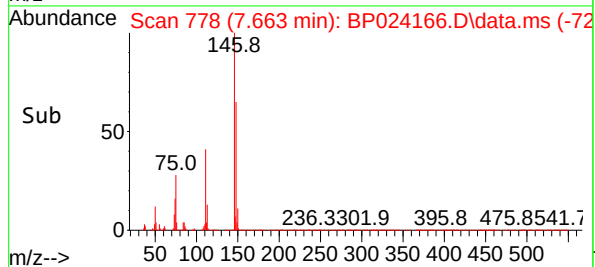
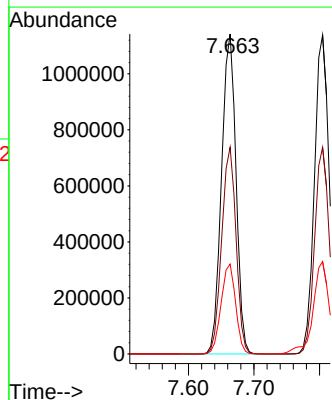
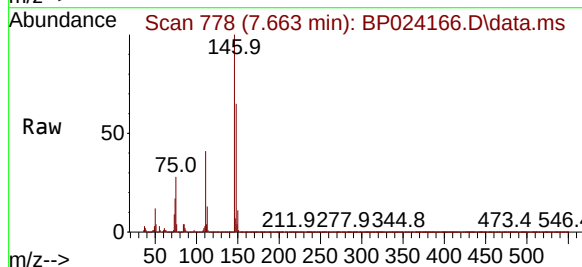
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

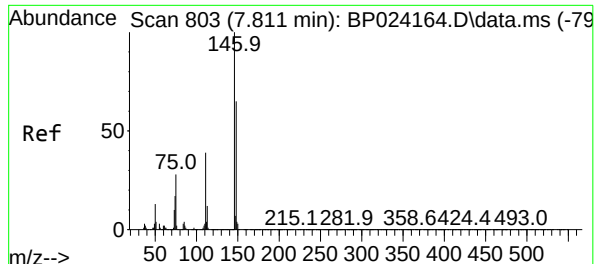
Tgt Ion: 93 Resp: 1606110
Ion Ratio Lower Upper
93 100
63 68.3 47.4 87.4
95 32.6 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 59.234 ng
RT: 7.663 min Scan# 778
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion: 146 Resp: 1740829
Ion Ratio Lower Upper
146 100
148 64.6 51.6 77.4
75 28.1 22.8 34.2





#13

1,4-Dichlorobenzene

Concen: 59.836 ng

RT: 7.805 min Scan# 803

Delta R.T. -0.006 min

Lab File: BP024166.D

Acq: 12 Mar 2025 20:21

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

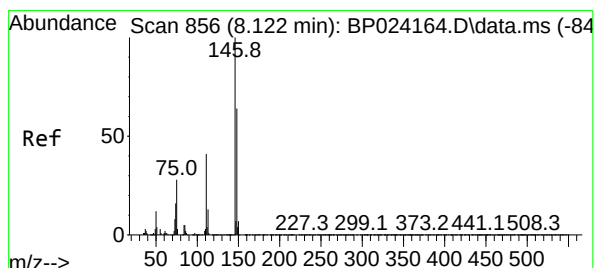
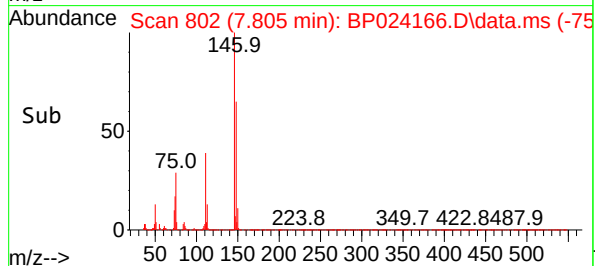
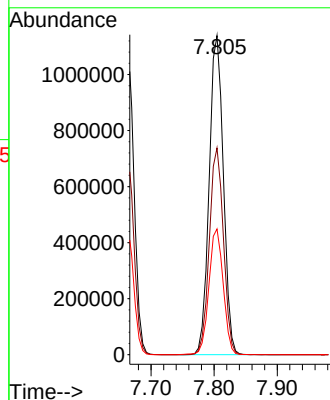
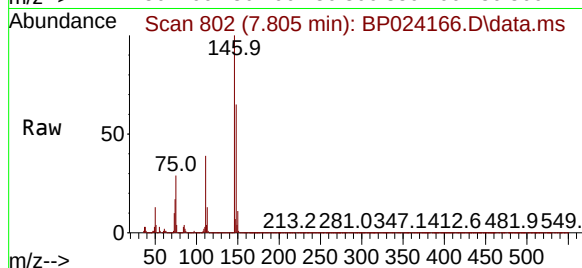
Tgt Ion:146 Resp: 1778400

Ion Ratio Lower Upper

146 100

148 64.8 51.9 77.9

111 39.4 31.4 47.2



#14

1,2-Dichlorobenzene

Concen: 59.737 ng

RT: 8.122 min Scan# 856

Delta R.T. -0.000 min

Lab File: BP024166.D

Acq: 12 Mar 2025 20:21

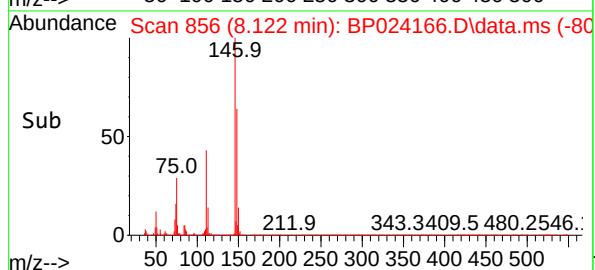
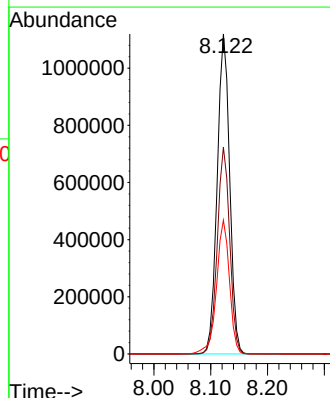
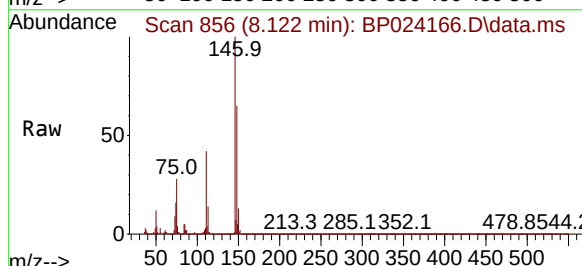
Tgt Ion:146 Resp: 1703894

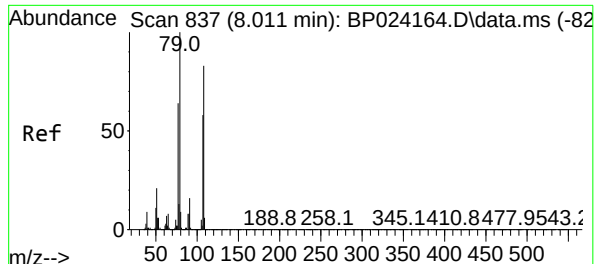
Ion Ratio Lower Upper

146 100

148 64.6 51.4 77.2

111 41.8 33.2 49.8

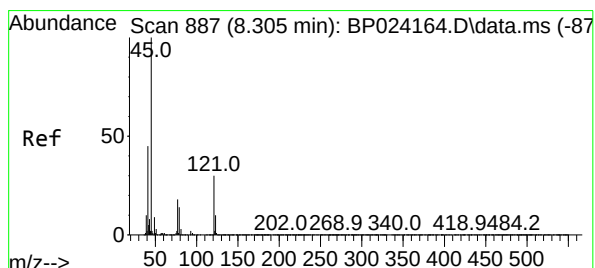
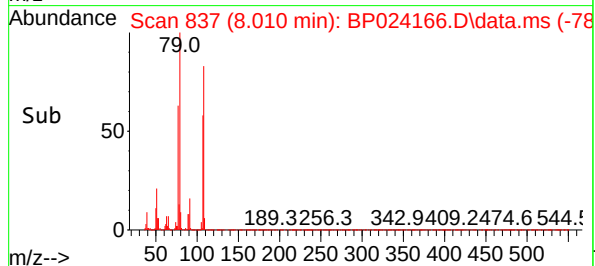
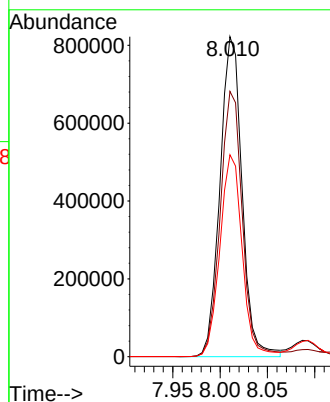
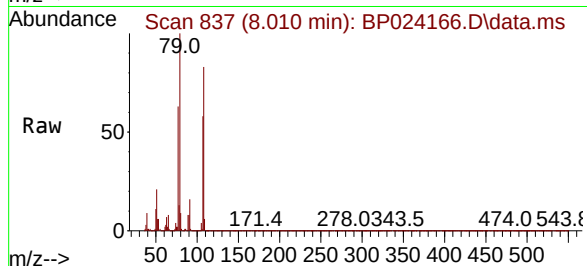




#15
Benzyl Alcohol
Concen: 67.021 ng
RT: 8.010 min Scan# 811
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

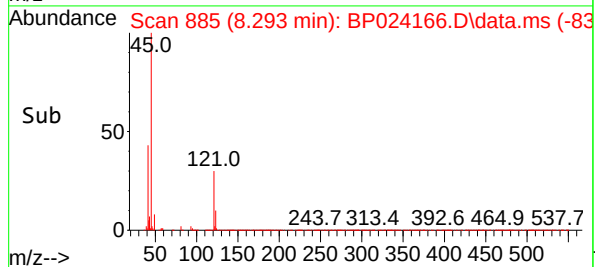
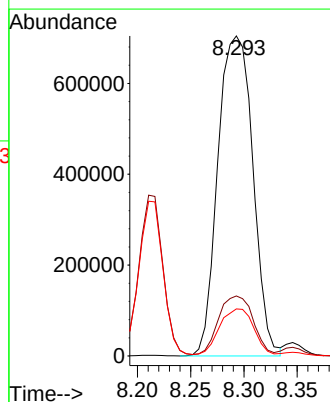
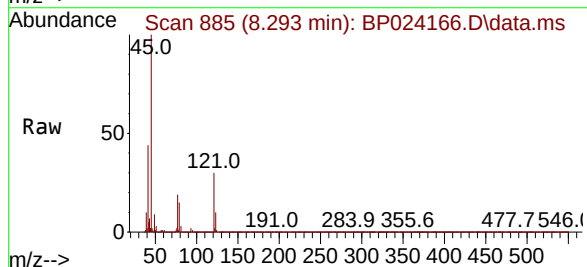
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

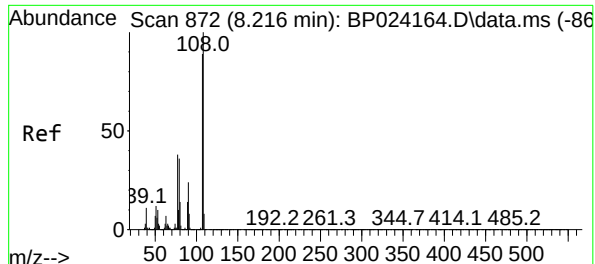
Tgt Ion: 79 Resp: 1332675
Ion Ratio Lower Upper
79 100
108 82.9 66.5 99.7
77 63.1 50.9 76.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 64.502 ng
RT: 8.293 min Scan# 885
Delta R.T. -0.012 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion: 45 Resp: 1610981
Ion Ratio Lower Upper
45 100
77 18.8 0.0 39.0
79 14.7 0.0 35.6





#17

2-Methylphenol

Concen: 66.132 ng

RT: 8.210 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP024166.D

Acq: 12 Mar 2025 20:21

Instrument :

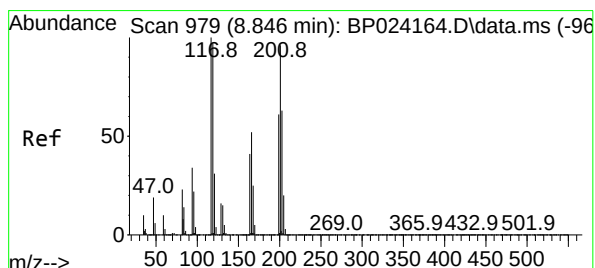
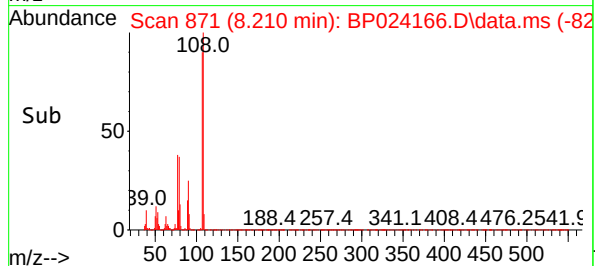
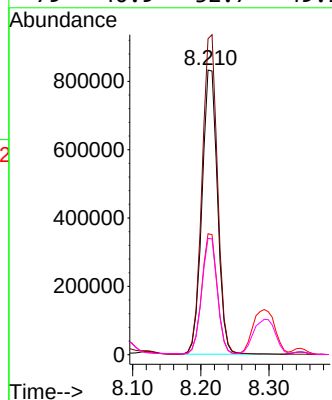
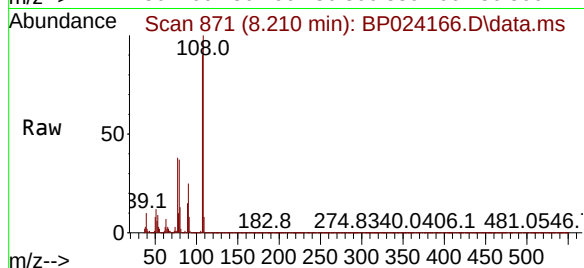
BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:107 Resp: 1316438

Ion	Ratio	Lower	Upper
107	100		
108	111.0	90.0	135.0
77	42.5	34.0	51.0
79	40.9	32.7	49.1



#18

Hexachloroethane

Concen: 59.498 ng

RT: 8.846 min Scan# 979

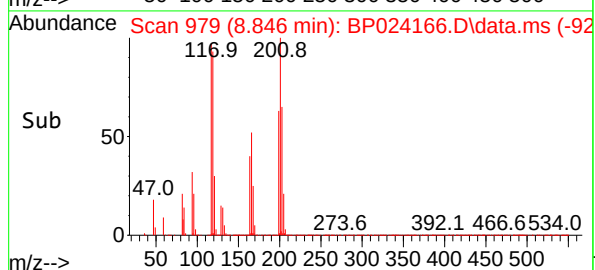
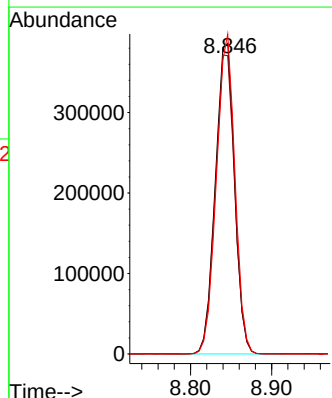
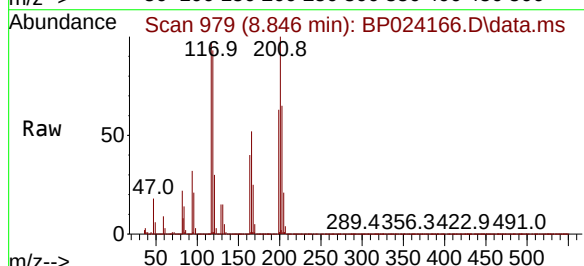
Delta R.T. -0.000 min

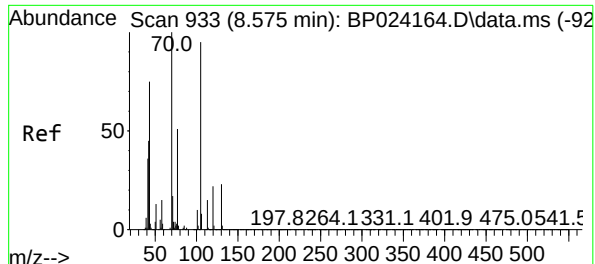
Lab File: BP024166.D

Acq: 12 Mar 2025 20:21

Tgt Ion:117 Resp: 636840

Ion	Ratio	Lower	Upper
117	100		
119	96.0	77.4	116.0
201	103.0	76.6	114.8





#19

n-Nitroso-di-n-propylamine

Concen: 68.227 ng

RT: 8.575 min Scan# 91

Delta R.T. -0.000 min

Lab File: BP024166.D

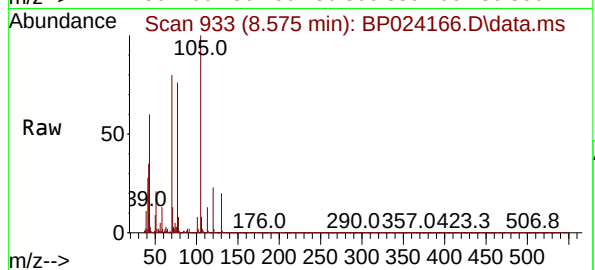
Acq: 12 Mar 2025 20:21

Instrument :

BNA_P

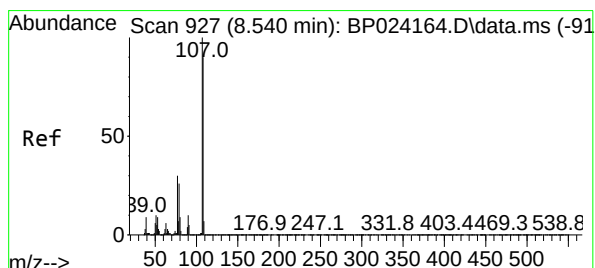
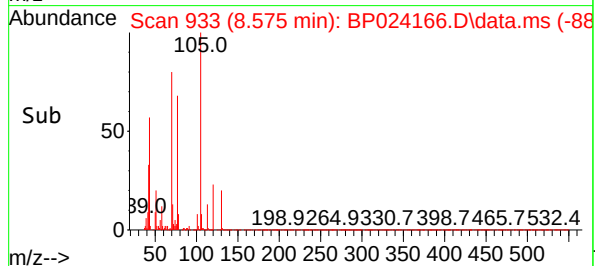
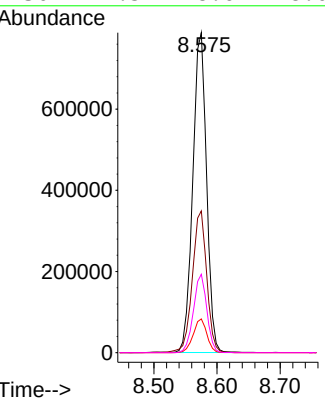
ClientSampleId :

SSTDICC060



Tgt Ion: 70 Resp: 1191669

Ion	Ratio	Lower	Upper
70	100		
42	44.3	36.0	54.0
101	10.6	8.3	12.5
130	24.5	18.6	28.0



#20

3+4-Methylphenols

Concen: 66.838 ng

RT: 8.540 min Scan# 927

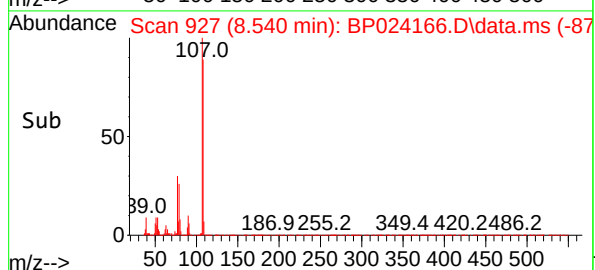
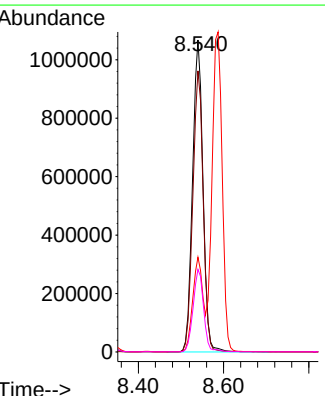
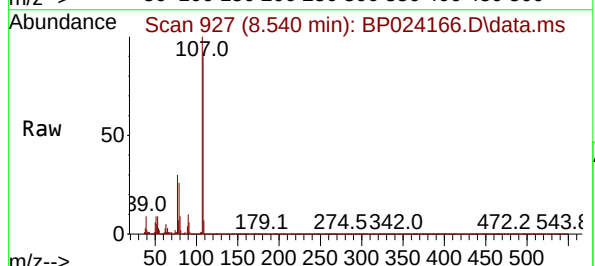
Delta R.T. -0.000 min

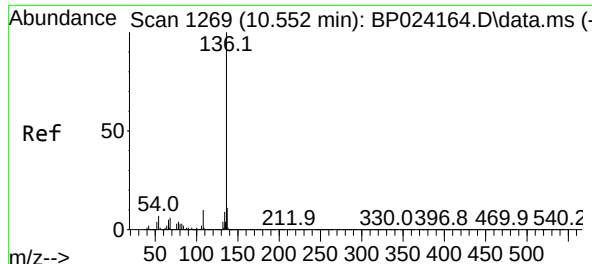
Lab File: BP024166.D

Acq: 12 Mar 2025 20:21

Tgt Ion: 107 Resp: 1809984

Ion	Ratio	Lower	Upper
107	100		
108	90.1	69.7	109.7
77	30.4	10.3	50.3
79	26.5	6.1	46.1

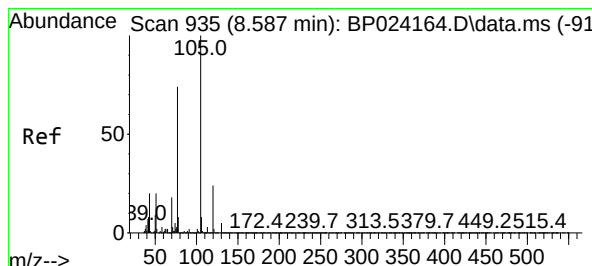
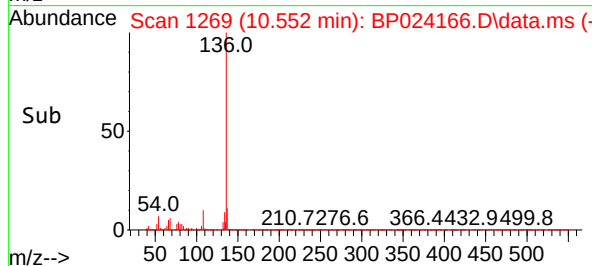
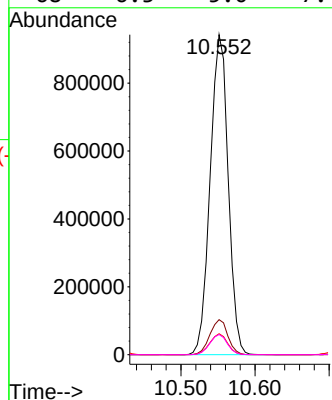
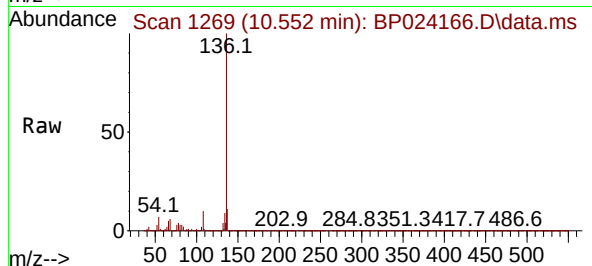




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.552 min Scan# 1269
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

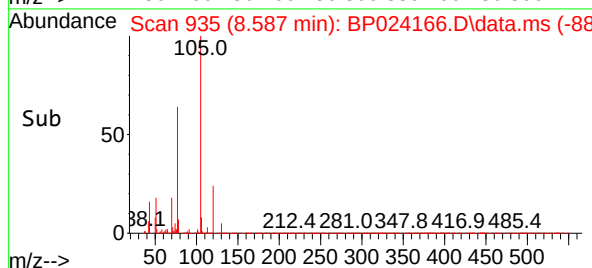
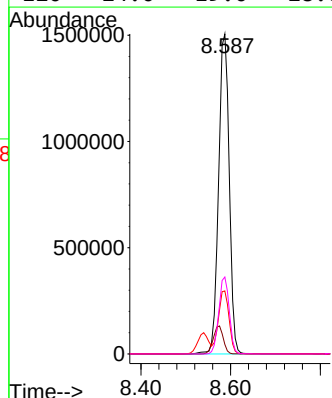
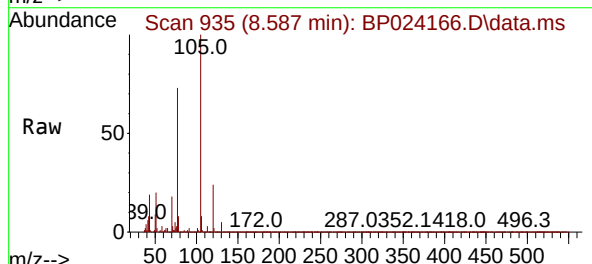
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

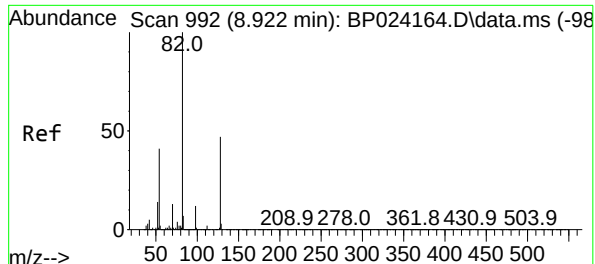
Tgt Ion:136 Resp: 1591612
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 6.5 5.3 7.9
68 6.3 5.0 7.4



#22
Acetophenone
Concen: 60.600 ng
RT: 8.587 min Scan# 935
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:105 Resp: 2478568
Ion Ratio Lower Upper
105 100
71 3.0 2.4 3.6
51 19.7 16.2 24.2
120 24.0 19.0 28.6





#23

Nitrobenzene-d5

Concen: 123.247 ng

RT: 8.922 min Scan# 992

Delta R.T. -0.000 min

Lab File: BP024166.D

Acq: 12 Mar 2025 20:21

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

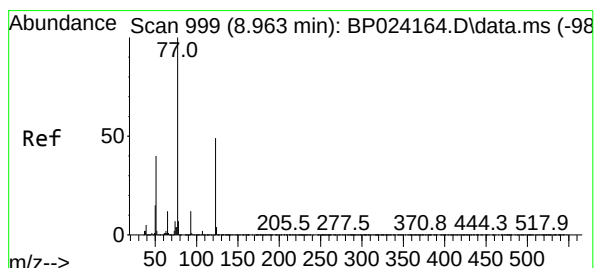
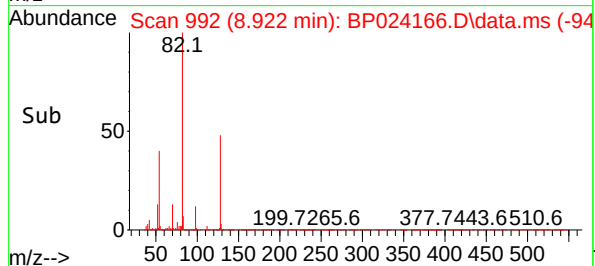
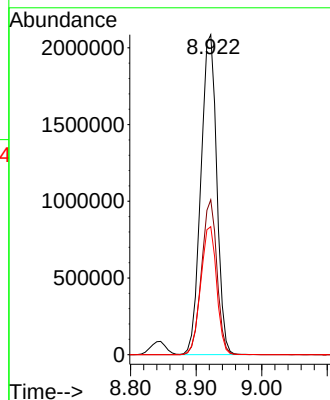
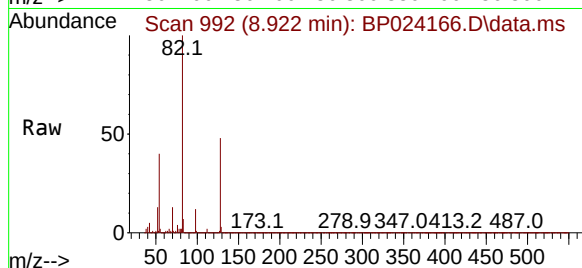
Tgt Ion: 82 Resp: 3516139

Ion Ratio Lower Upper

82 100

128 48.4 37.4 56.0

54 40.0 32.5 48.7



#24

Nitrobenzene

Concen: 61.673 ng

RT: 8.963 min Scan# 999

Delta R.T. -0.000 min

Lab File: BP024166.D

Acq: 12 Mar 2025 20:21

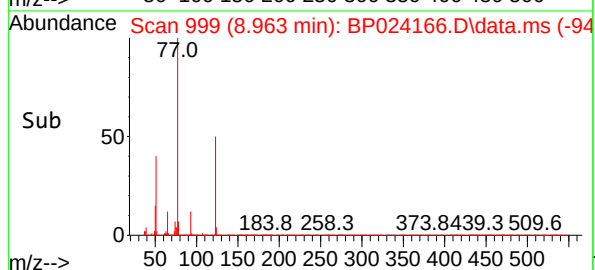
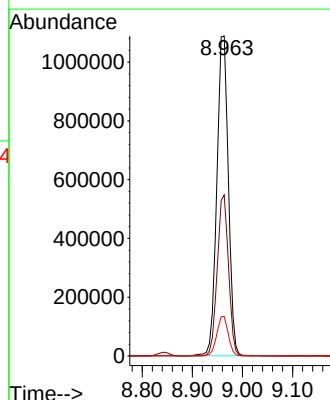
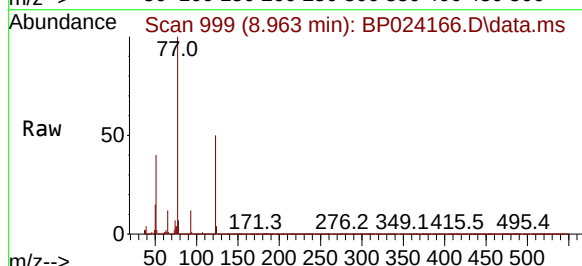
Tgt Ion: 77 Resp: 1731589

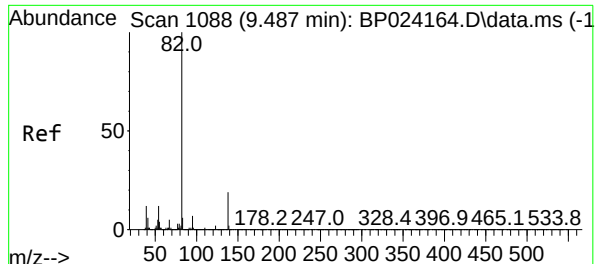
Ion Ratio Lower Upper

77 100

123 50.3 39.4 59.2

65 12.3 9.9 14.9

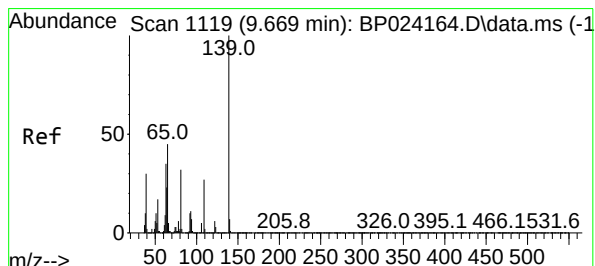
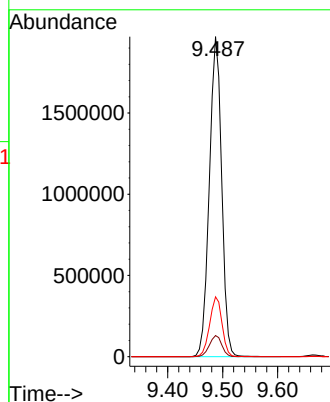
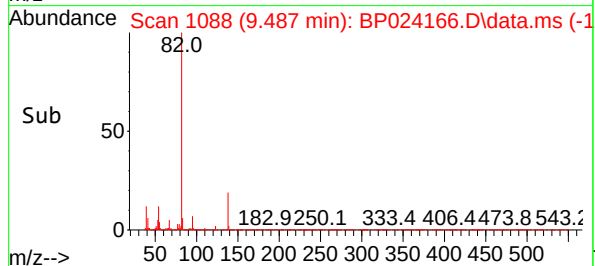
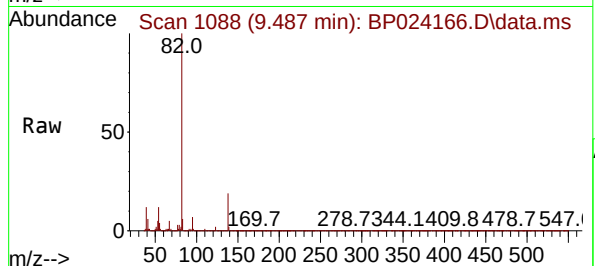




#25
Isophorone
Concen: 65.658 ng
RT: 9.487 min Scan# 1088
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

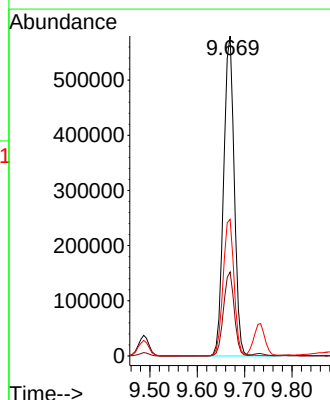
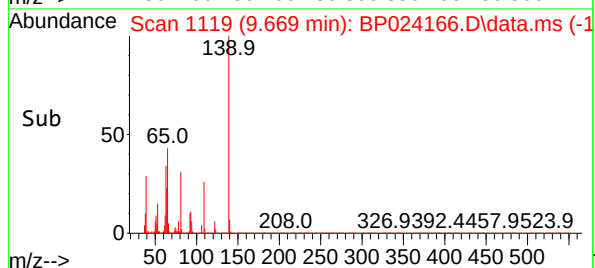
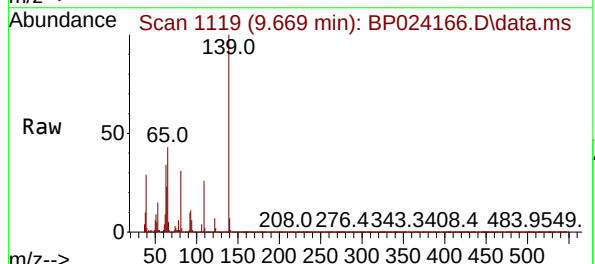
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

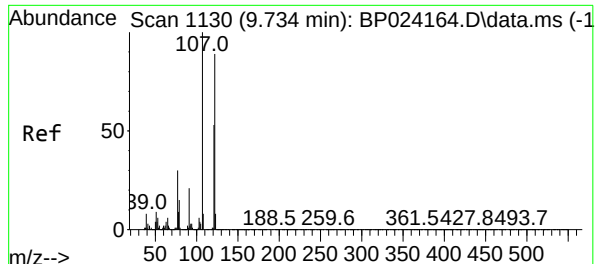
Tgt Ion: 82 Resp: 3063158
Ion Ratio Lower Upper
82 100
95 6.6 5.3 7.9
138 18.7 14.8 22.2



#26
2-Nitrophenol
Concen: 69.941 ng
RT: 9.669 min Scan# 1119
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion: 139 Resp: 904714
Ion Ratio Lower Upper
139 100
109 26.2 21.7 32.5
65 42.7 35.8 53.8





#27

2,4-Dimethylphenol

Concen: 64.534 ng

RT: 9.734 min Scan# 1130

Delta R.T. -0.000 min

Lab File: BP024166.D

Acq: 12 Mar 2025 20:21

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

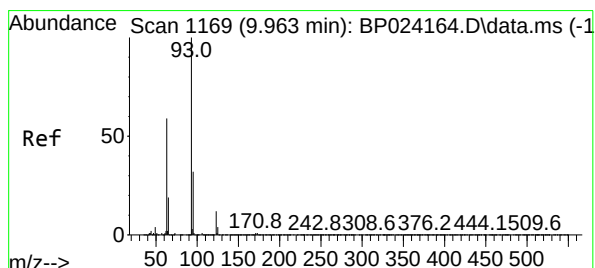
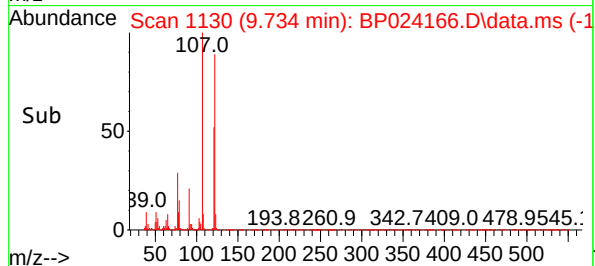
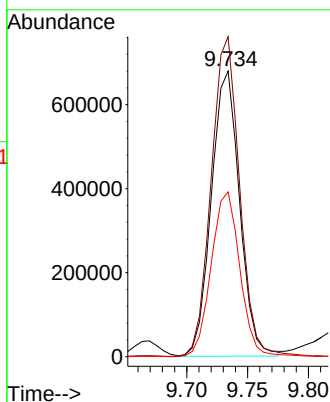
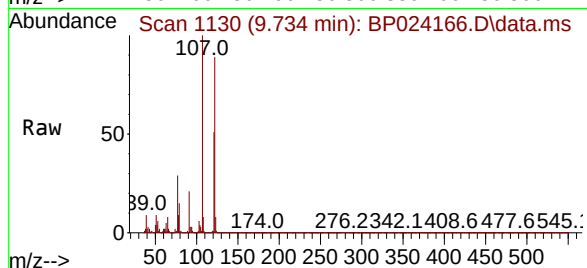
Tgt Ion:122 Resp: 1095778

Ion Ratio Lower Upper

122 100

107 112.0 89.3 133.9

121 57.7 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 61.742 ng

RT: 9.963 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BP024166.D

Acq: 12 Mar 2025 20:21

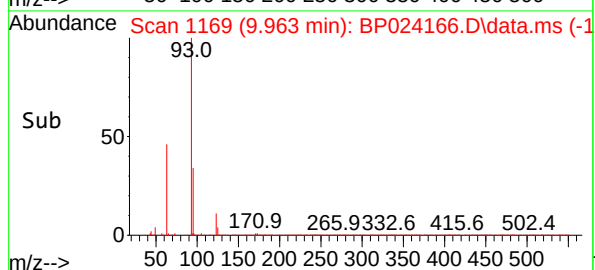
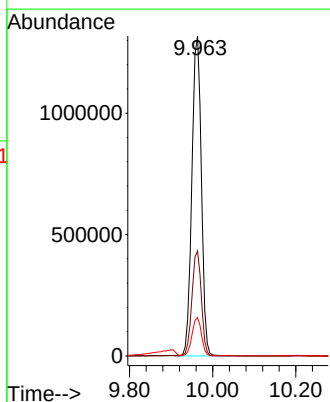
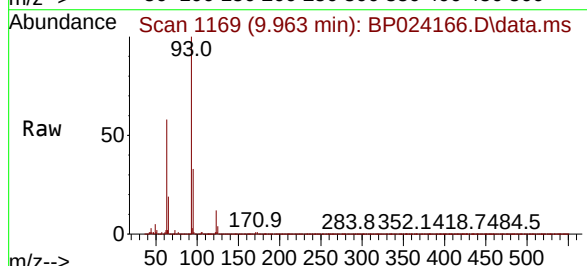
Tgt Ion: 93 Resp: 2086687

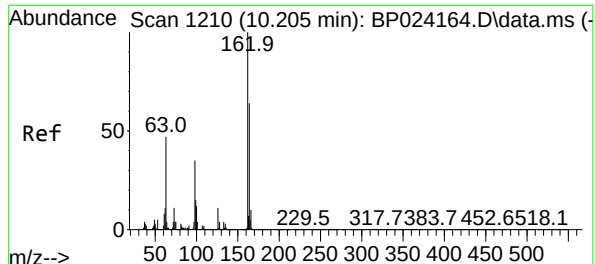
Ion Ratio Lower Upper

93 100

95 32.8 25.9 38.9

123 12.0 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 64.609 ng

RT: 10.204 min Scan# 1210

Delta R.T. -0.000 min

Lab File: BP024166.D

Acq: 12 Mar 2025 20:21

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

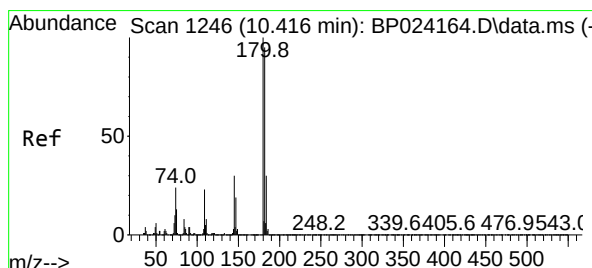
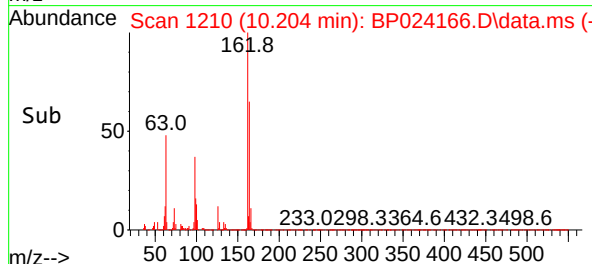
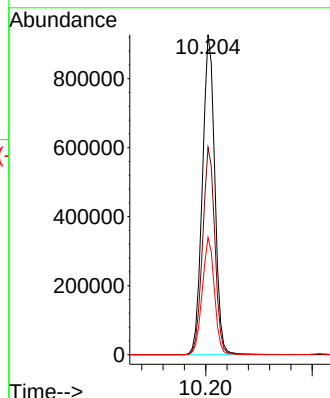
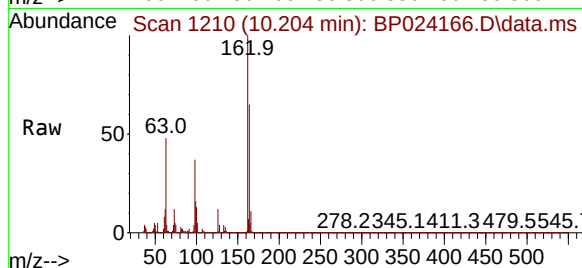
Tgt Ion:162 Resp: 1497152

Ion Ratio Lower Upper

162 100

164 64.8 44.2 84.2

98 36.6 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 59.453 ng

RT: 10.416 min Scan# 1246

Delta R.T. -0.000 min

Lab File: BP024166.D

Acq: 12 Mar 2025 20:21

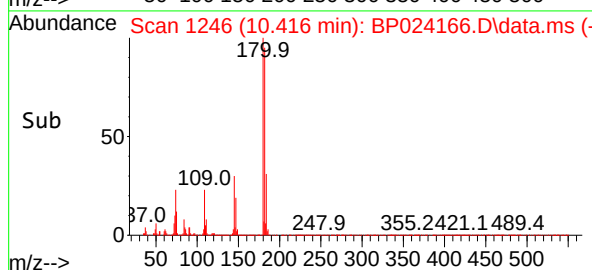
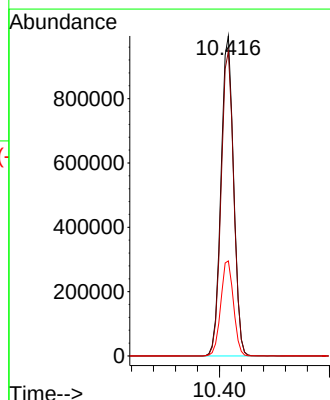
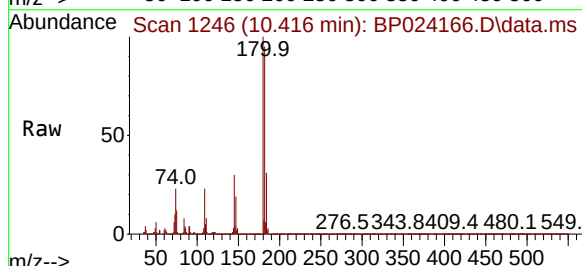
Tgt Ion:180 Resp: 1578453

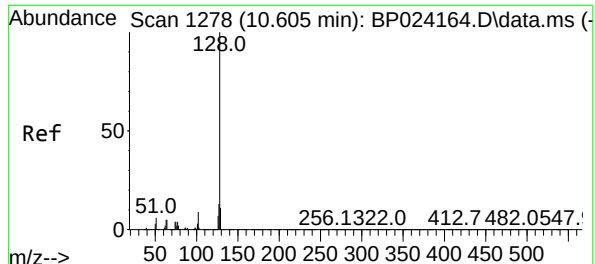
Ion Ratio Lower Upper

180 100

182 95.2 76.1 114.1

145 29.7 24.2 36.2





#31

Naphthalene

Concen: 60.129 ng

RT: 10.604 min Scan# 1159

Delta R.T. -0.000 min

Lab File: BP024166.D

Acq: 12 Mar 2025 20:21

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

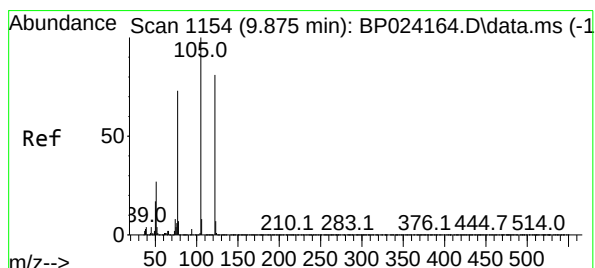
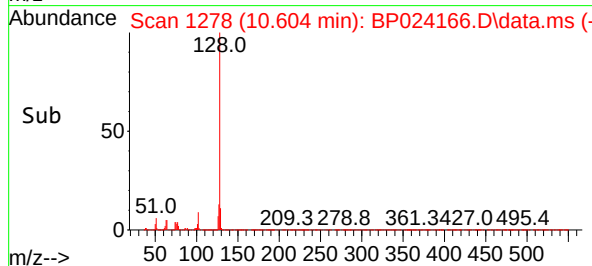
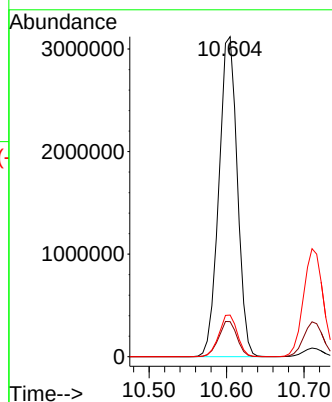
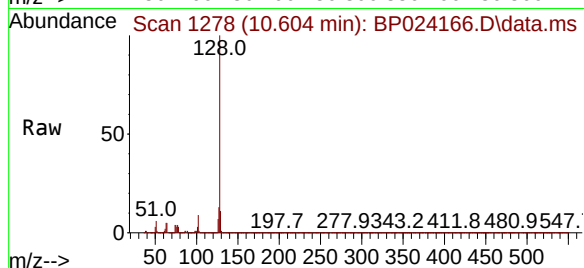
Tgt Ion:128 Resp: 5145859

Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

127 13.0 10.4 15.6



#32

Benzoic acid

Concen: 77.325 ng

RT: 9.904 min Scan# 1159

Delta R.T. 0.029 min

Lab File: BP024166.D

Acq: 12 Mar 2025 20:21

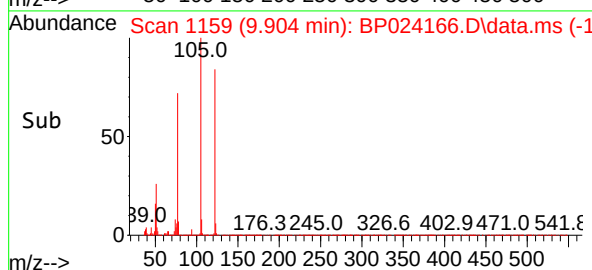
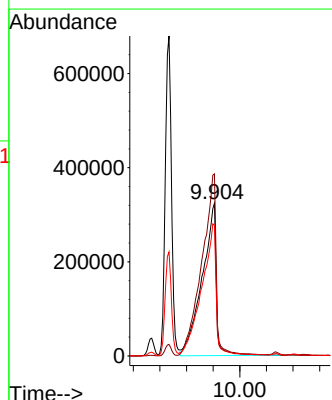
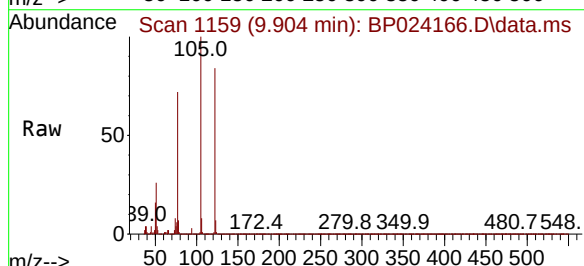
Tgt Ion:122 Resp: 1203679

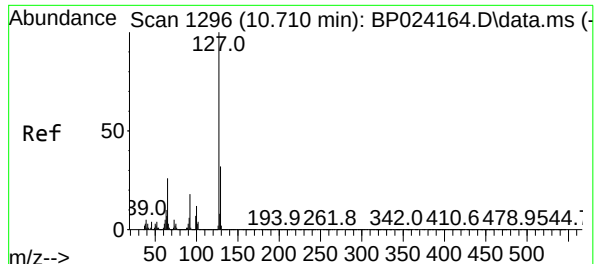
Ion Ratio Lower Upper

122 100

105 119.3 100.3 140.3

77 85.8 69.1 109.1



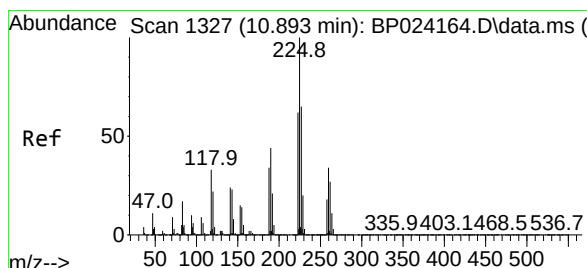
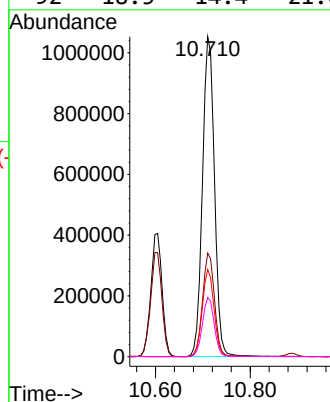
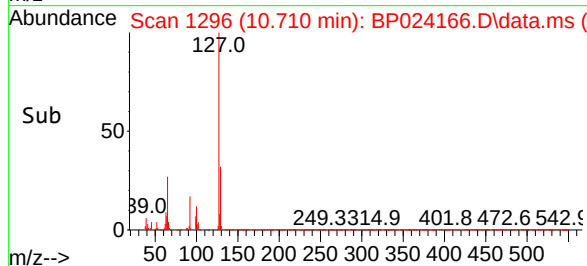
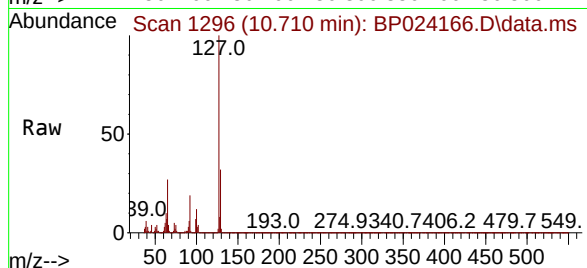


#33
4-Chloroaniline
Concen: 61.665 ng
RT: 10.710 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:127 Resp: 1859148

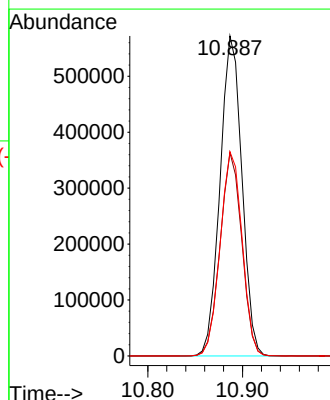
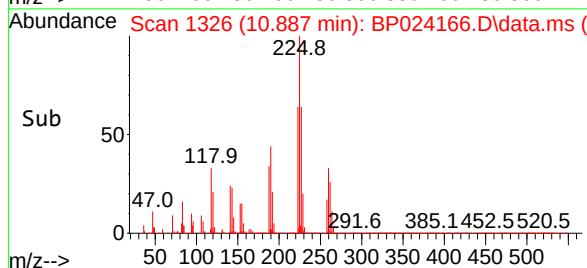
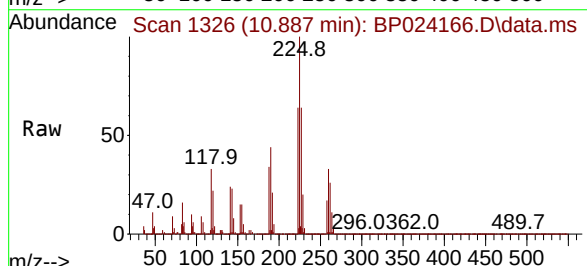
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.8	38.6
65	27.3	21.2	31.8
92	18.5	14.4	21.6

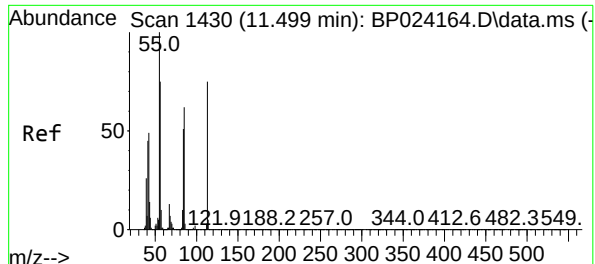


#34
Hexachlorobutadiene
Concen: 59.699 ng
RT: 10.887 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:225 Resp: 918034

Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.9	74.9
227	63.8	52.2	78.2

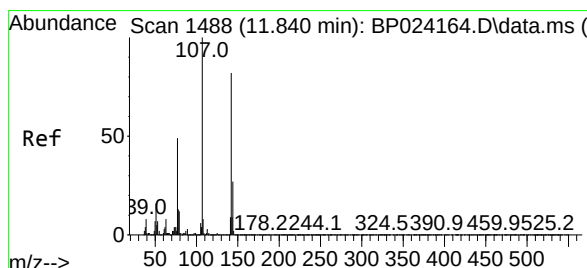
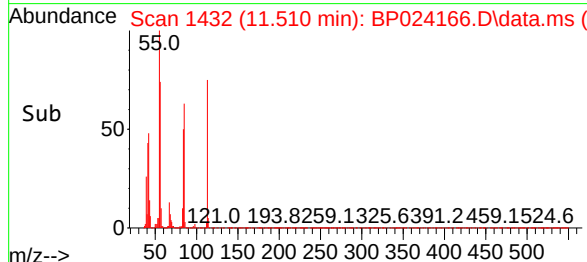
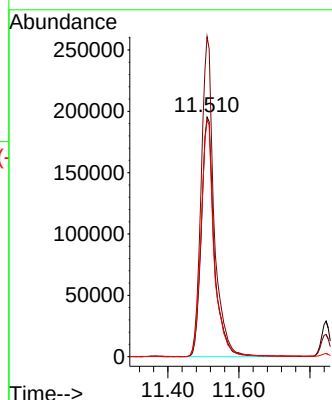
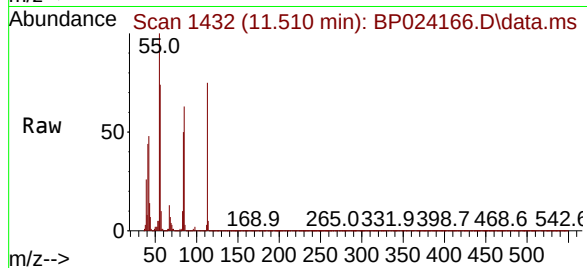




#35
Caprolactam
Concen: 70.784 ng
RT: 11.510 min Scan# 1432
Delta R.T. 0.012 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

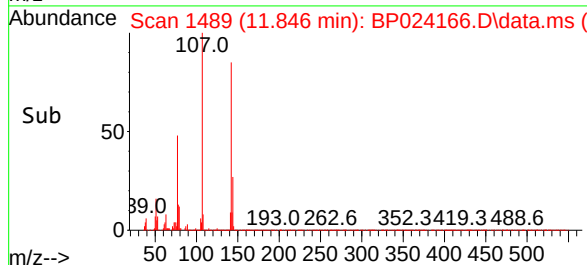
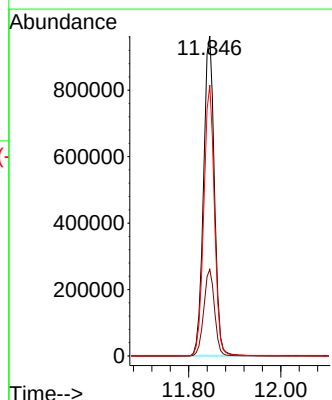
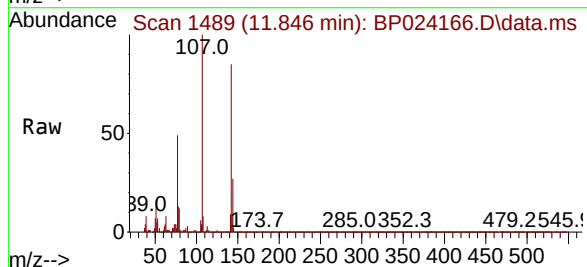
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

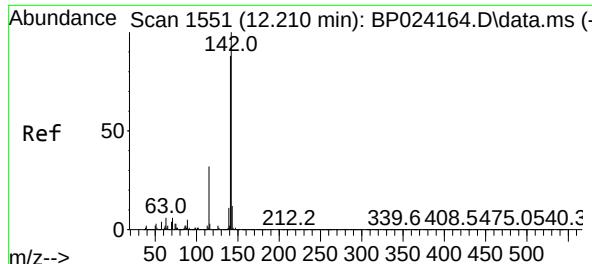
Tgt Ion:113 Resp: 496683
Ion Ratio Lower Upper
113 100
55 133.6 113.6 153.6
56 98.8 80.0 120.0



#36
4-Chloro-3-methylphenol
Concen: 66.451 ng
RT: 11.846 min Scan# 1489
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:107 Resp: 1582952
Ion Ratio Lower Upper
107 100
144 27.1 21.6 32.4
142 84.6 65.4 98.0

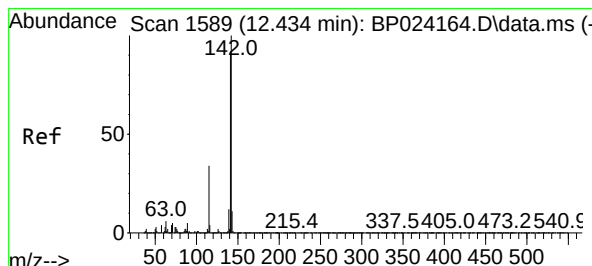
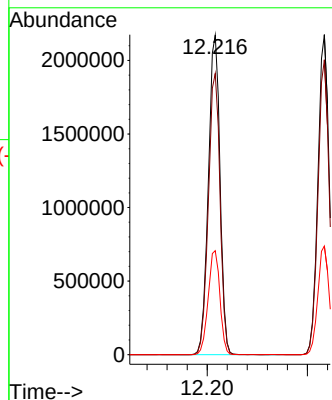
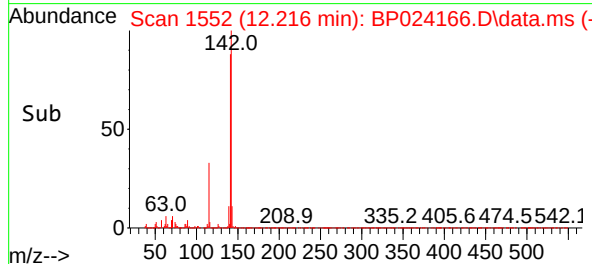
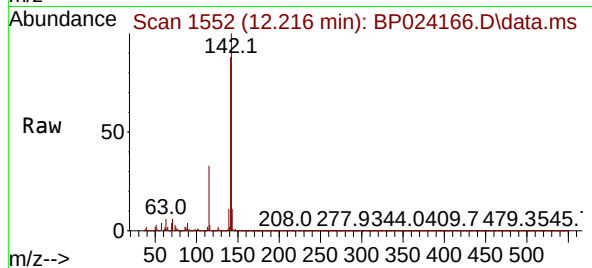




#37
2-Methylnaphthalene
Concen: 61.618 ng
RT: 12.216 min Scan# 1552
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

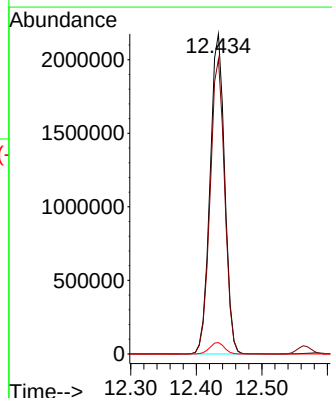
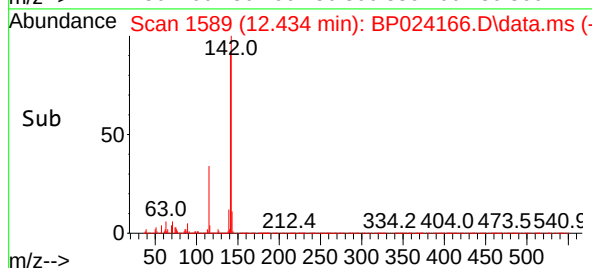
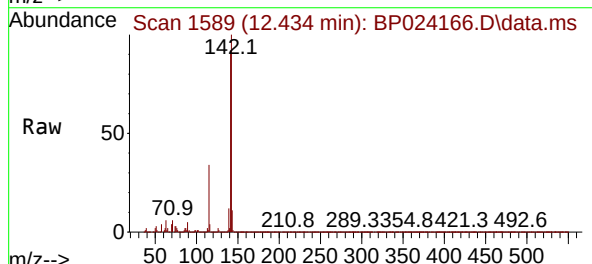
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

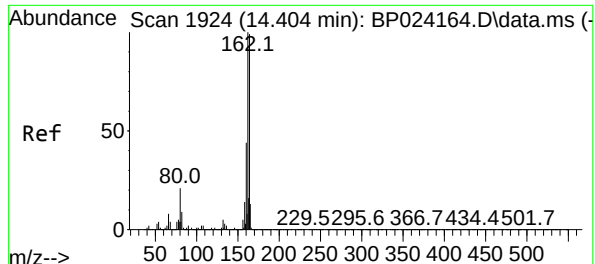
Tgt Ion:142 Resp: 3504891
Ion Ratio Lower Upper
142 100
141 88.0 70.3 105.5
115 32.6 26.0 39.0



#38
1-Methylnaphthalene
Concen: 60.802 ng
RT: 12.434 min Scan# 1589
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:142 Resp: 3364504
Ion Ratio Lower Upper
142 100
141 92.2 73.9 110.9
116 3.6 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.404 min Scan# 1924

Delta R.T. -0.000 min

Lab File: BP024166.D

Acq: 12 Mar 2025 20:21

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

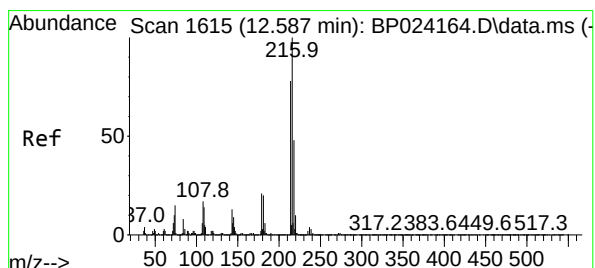
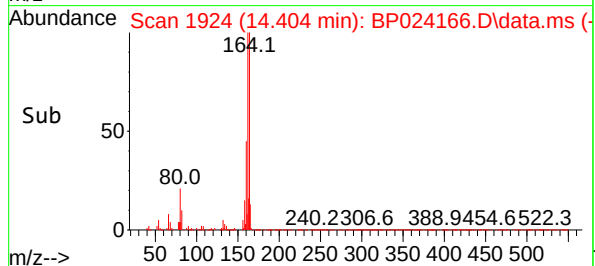
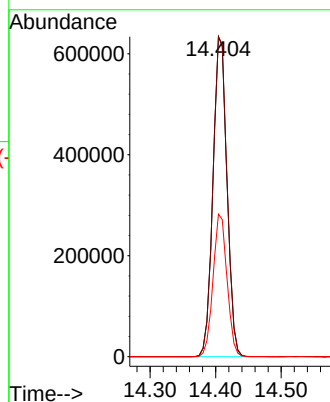
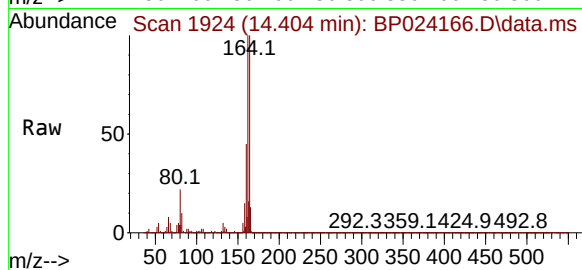
Tgt Ion:164 Resp: 936110

Ion Ratio Lower Upper

164 100

162 100.0 80.6 121.0

160 44.5 35.4 53.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 59.382 ng

RT: 12.587 min Scan# 1615

Delta R.T. -0.000 min

Lab File: BP024166.D

Acq: 12 Mar 2025 20:21

Tgt Ion:216 Resp: 1707961

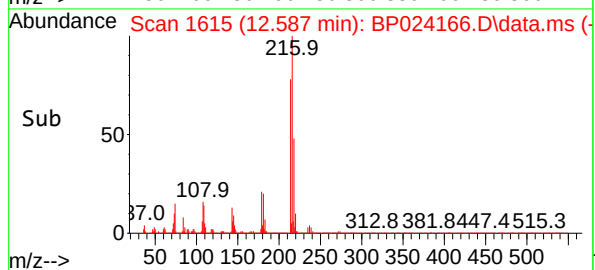
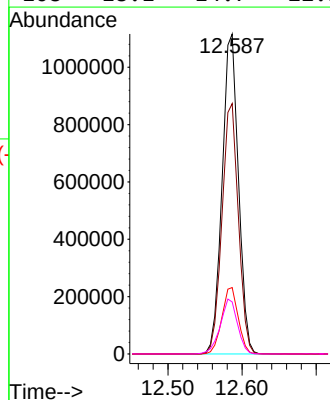
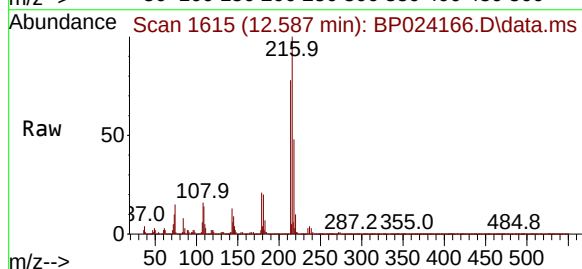
Ion Ratio Lower Upper

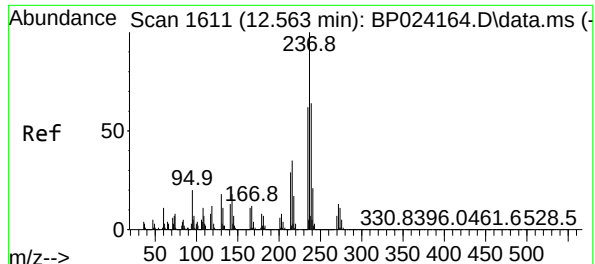
216 100

214 78.5 62.8 94.2

179 20.9 16.8 25.2

108 18.1 14.7 22.1

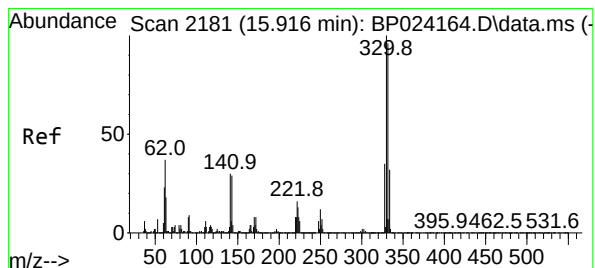
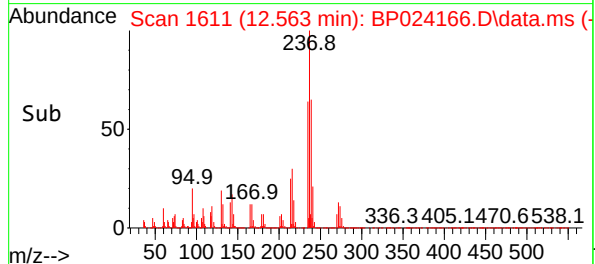
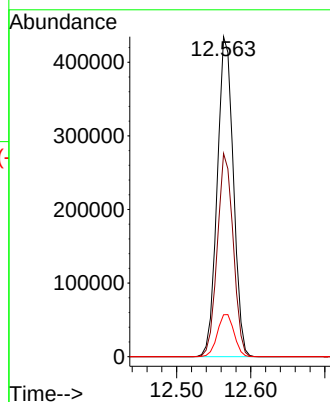
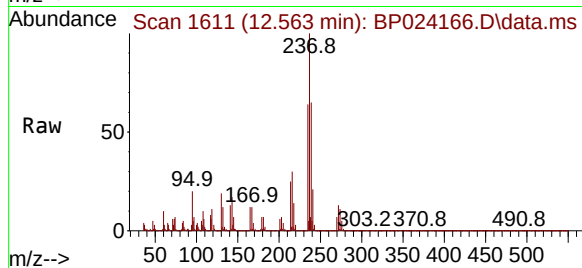




#41
Hexachlorocyclopentadiene
Concen: 61.365 ng
RT: 12.563 min Scan# 1611
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

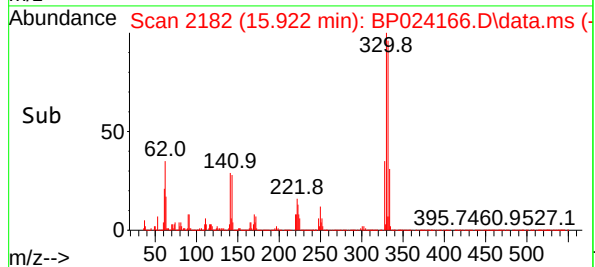
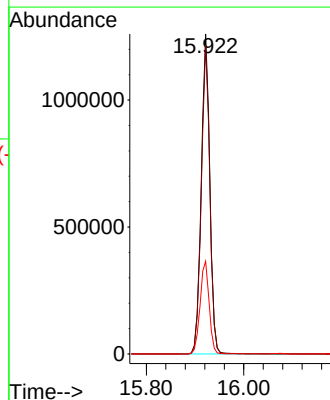
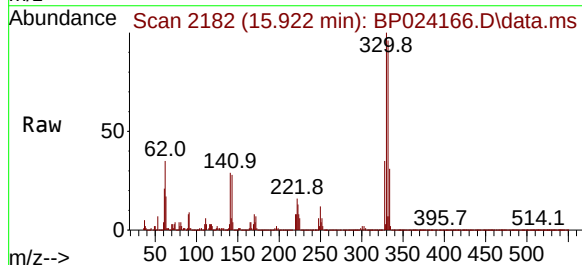
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

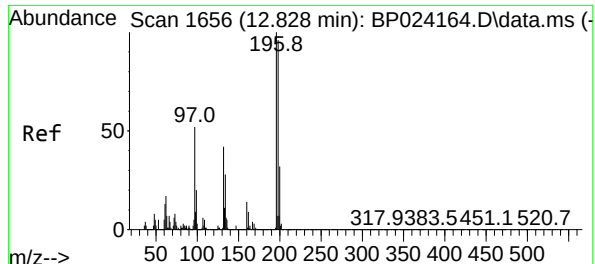
Tgt Ion:237 Resp: 656781
Ion Ratio Lower Upper
237 100
235 63.5 41.8 81.8
272 13.1 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 134.511 ng
RT: 15.922 min Scan# 2182
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:330 Resp: 1542341
Ion Ratio Lower Upper
330 100
332 96.0 77.6 116.4
141 30.6 25.0 37.6





#43

2,4,6-Trichlorophenol

Concen: 65.478 ng

RT: 12.828 min Scan# 1656

Delta R.T. -0.000 min

Lab File: BP024166.D

Acq: 12 Mar 2025 20:21

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

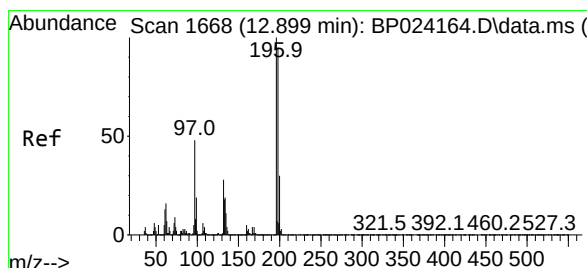
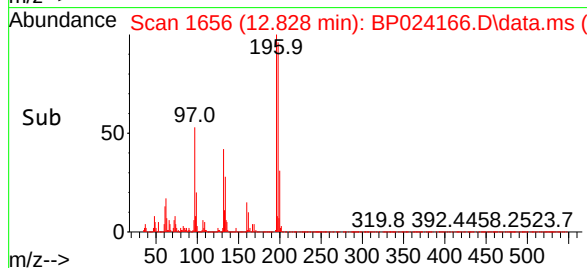
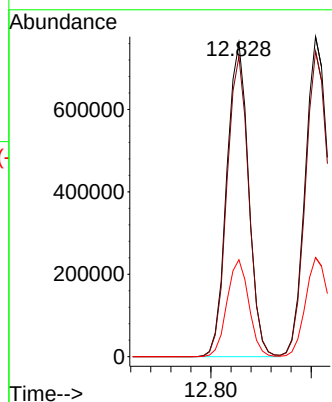
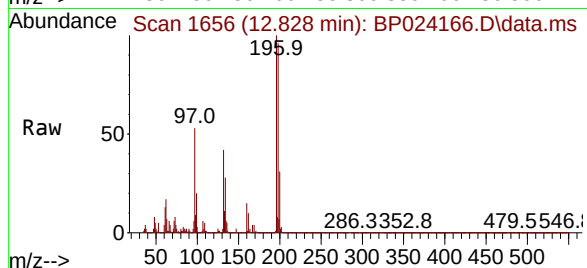
Tgt Ion:196 Resp: 1148545

Ion Ratio Lower Upper

196 100

198 95.6 76.6 115.0

200 30.9 25.4 38.0



#44

2,4,5-Trichlorophenol

Concen: 64.282 ng

RT: 12.904 min Scan# 1669

Delta R.T. 0.006 min

Lab File: BP024166.D

Acq: 12 Mar 2025 20:21

Tgt Ion:196 Resp: 1233147

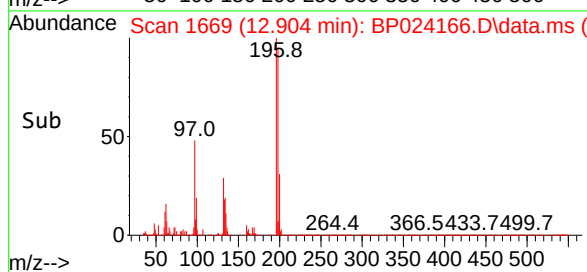
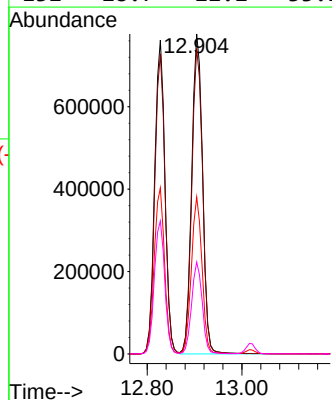
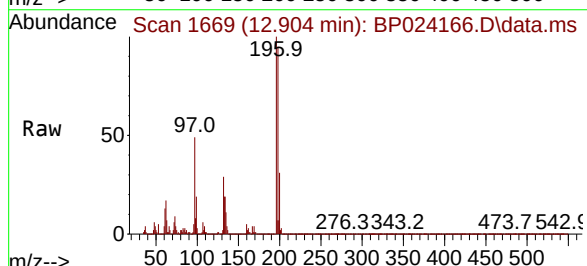
Ion Ratio Lower Upper

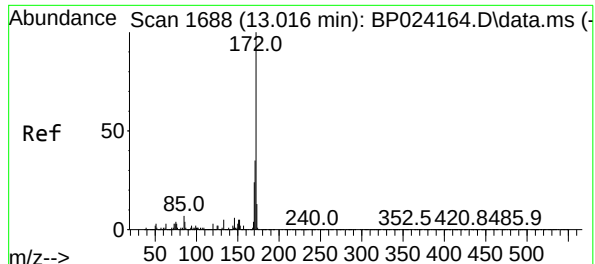
196 100

198 95.4 76.5 114.7

97 49.0 38.7 58.1

132 28.7 22.2 33.2

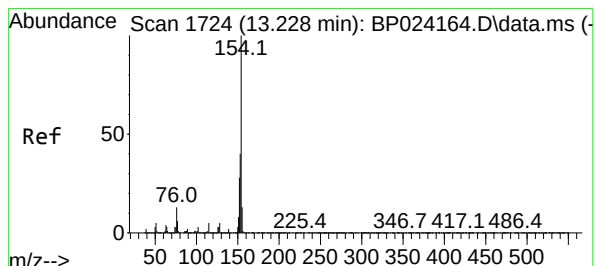
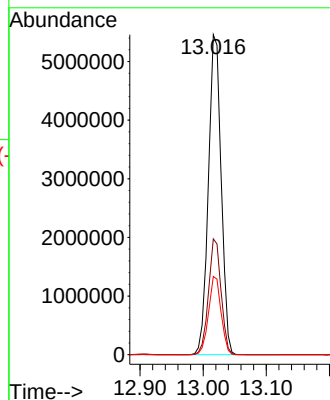
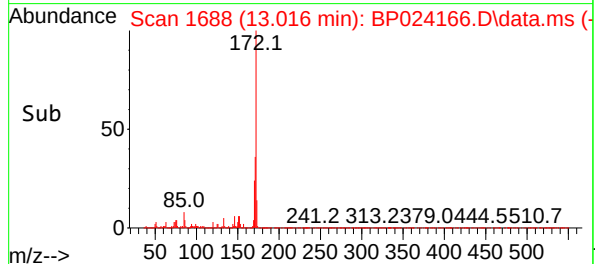
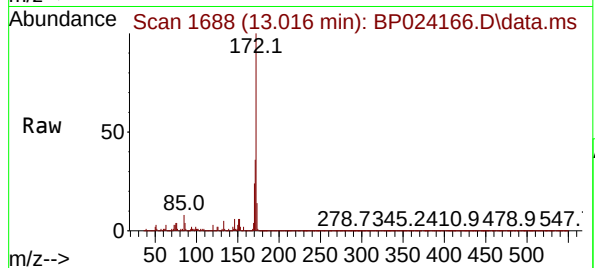




#45
2-Fluorobiphenyl
Concen: 114.626 ng
RT: 13.016 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

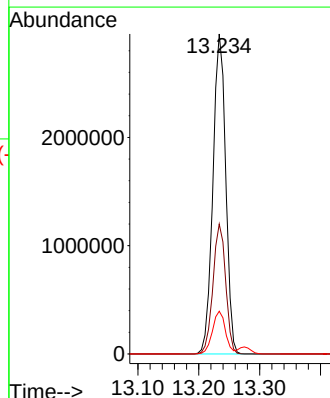
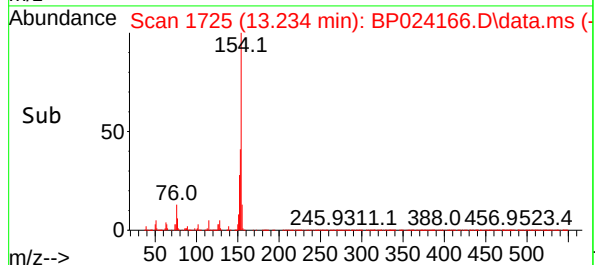
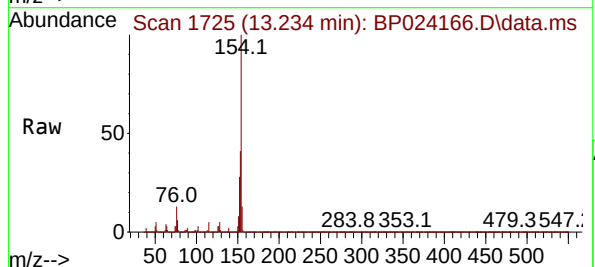
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

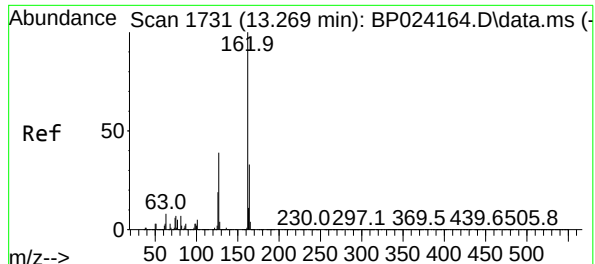
Tgt Ion:172 Resp: 7675412
Ion Ratio Lower Upper
172 100
171 36.2 28.3 42.5
170 24.5 19.0 28.4



#46
1,1'-Biphenyl
Concen: 59.291 ng
RT: 13.234 min Scan# 1725
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:154 Resp: 4312903
Ion Ratio Lower Upper
154 100
153 40.6 20.3 60.3
76 13.4 0.0 32.9





#47

2-Chloronaphthalene

Concen: 59.452 ng

RT: 13.275 min Scan# 1731

Delta R.T. 0.006 min

Lab File: BP024166.D

Acq: 12 Mar 2025 20:21

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

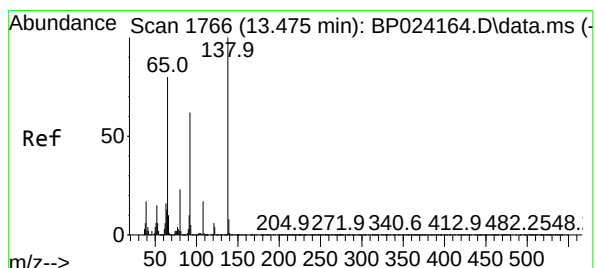
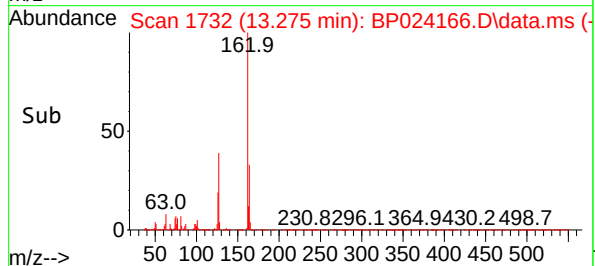
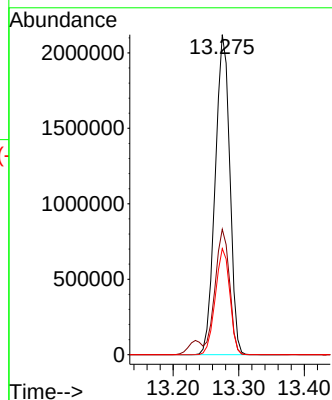
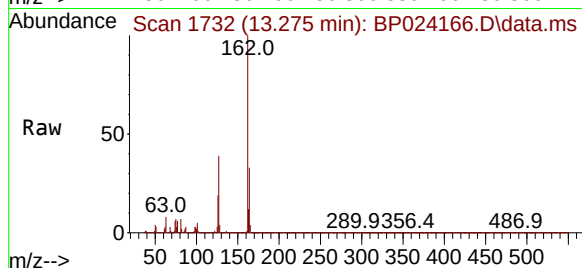
Tgt Ion:162 Resp: 3269176

Ion Ratio Lower Upper

162 100

127 39.2 31.5 47.3

164 33.2 26.6 39.8



#48

2-Nitroaniline

Concen: 68.533 ng

RT: 13.475 min Scan# 1766

Delta R.T. -0.000 min

Lab File: BP024166.D

Acq: 12 Mar 2025 20:21

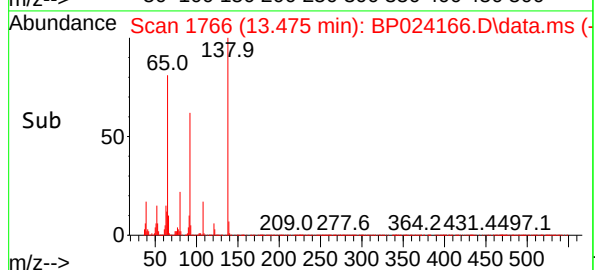
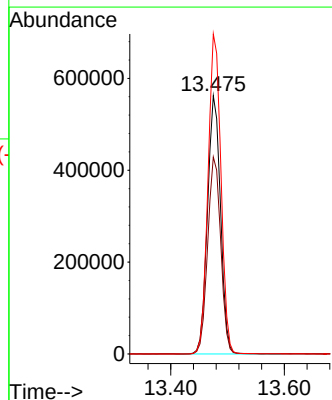
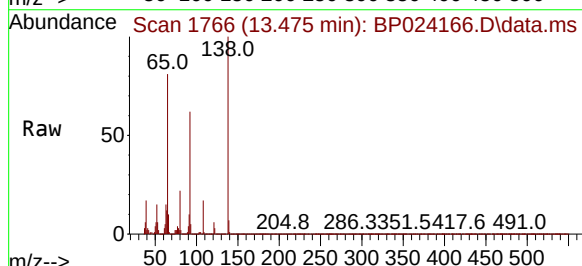
Tgt Ion: 65 Resp: 890207

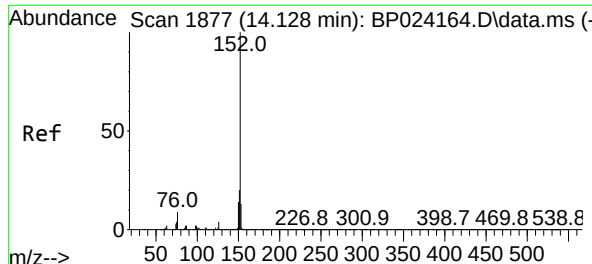
Ion Ratio Lower Upper

65 100

92 76.3 62.1 93.1

138 123.9 99.5 149.3





#49

Acenaphthylene

Concen: 62.024 ng

RT: 14.128 min Scan# 1877

Delta R.T. -0.000 min

Lab File: BP024166.D

Acq: 12 Mar 2025 20:21

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

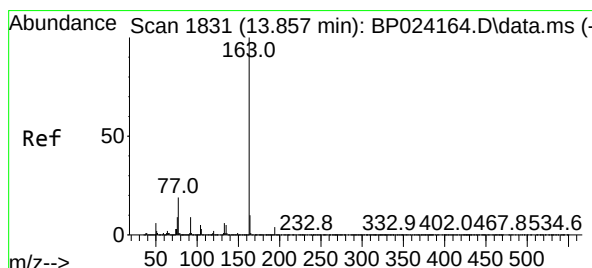
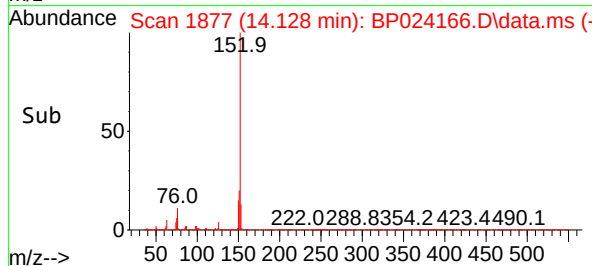
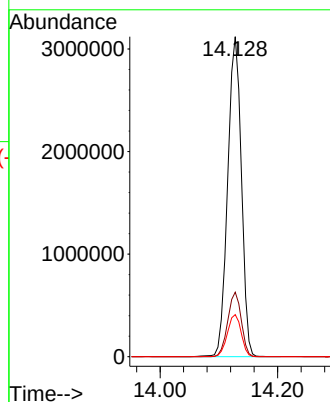
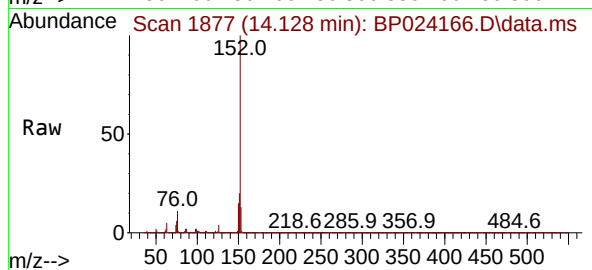
Tgt Ion:152 Resp: 5025011

Ion Ratio Lower Upper

152 100

151 20.2 16.0 24.0

153 13.1 10.6 15.8



#50

Dimethylphthalate

Concen: 60.542 ng

RT: 13.863 min Scan# 1832

Delta R.T. 0.006 min

Lab File: BP024166.D

Acq: 12 Mar 2025 20:21

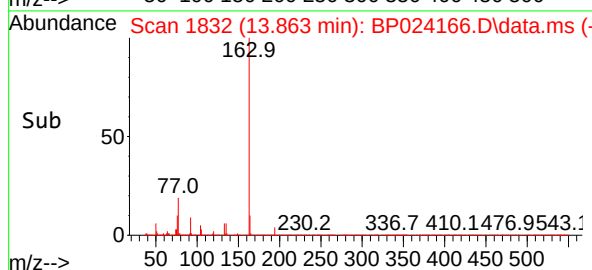
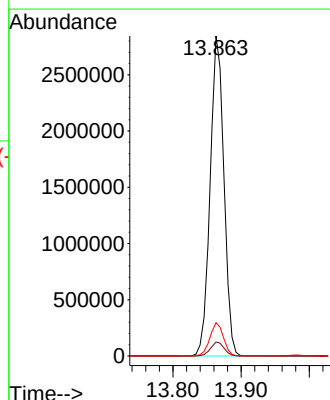
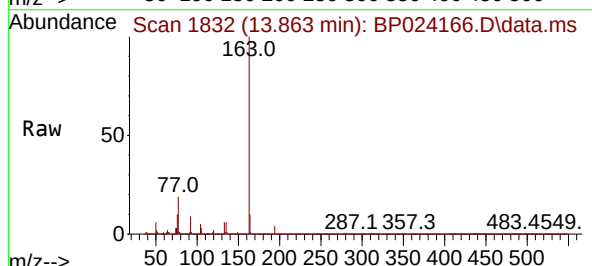
Tgt Ion:163 Resp: 3997694

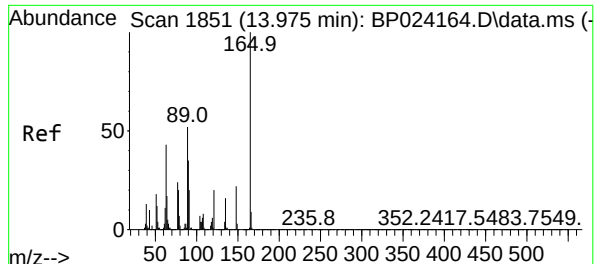
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

164 10.4 8.2 12.4

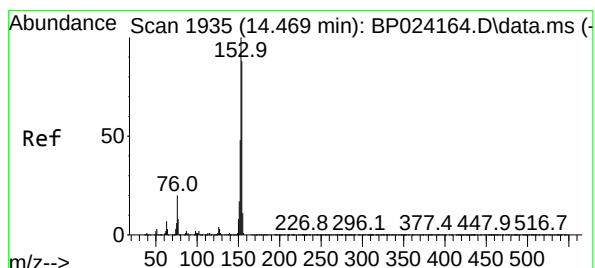
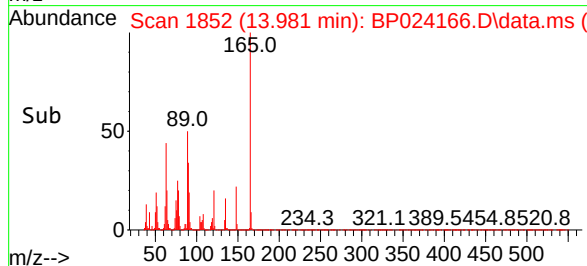
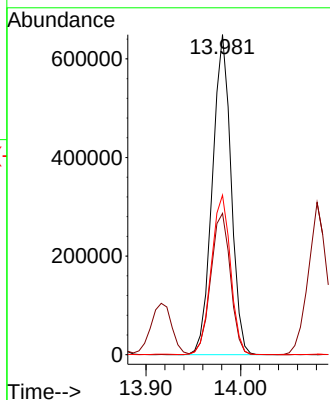
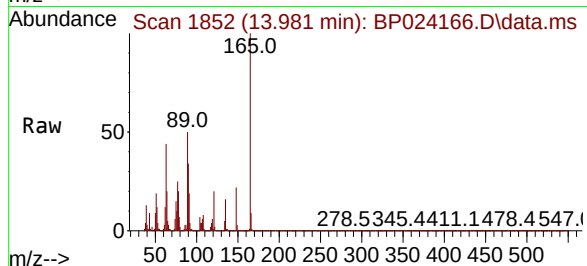




#51
2,6-Dinitrotoluene
Concen: 65.996 ng
RT: 13.981 min Scan# 1852
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

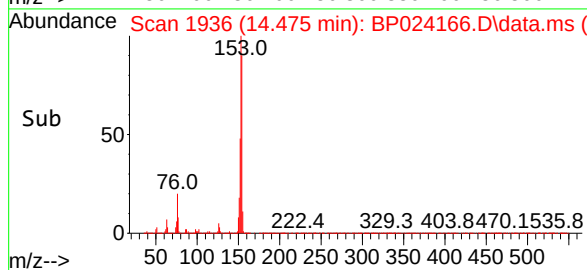
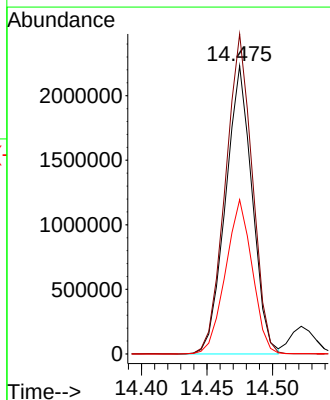
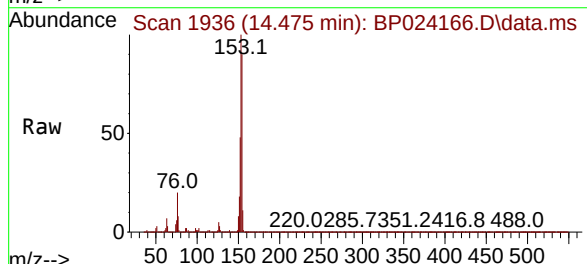
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

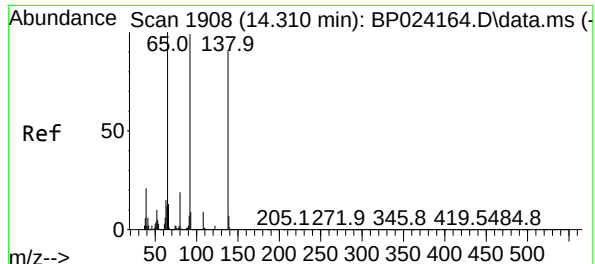
Tgt Ion:165 Resp: 887706
Ion Ratio Lower Upper
165 100
63 44.1 37.7 56.5
89 49.9 41.9 62.9



#52
Acenaphthene
Concen: 60.450 ng
RT: 14.475 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:154 Resp: 3153799
Ion Ratio Lower Upper
154 100
153 111.1 90.5 135.7
152 53.5 43.1 64.7

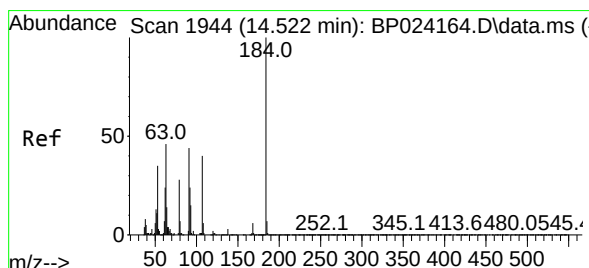
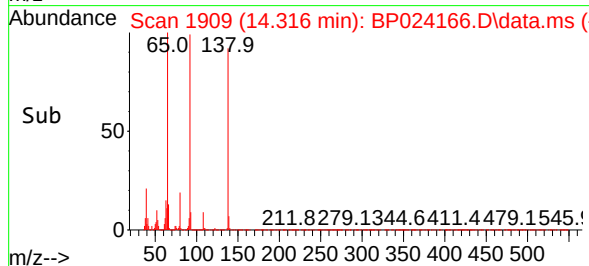
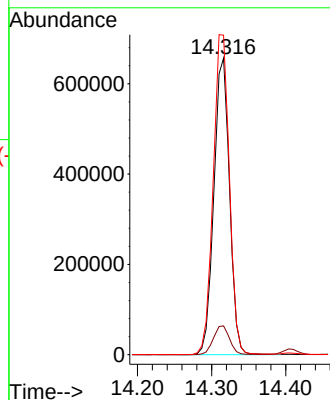
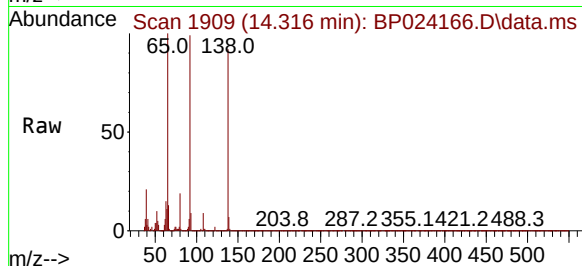




#53
3-Nitroaniline
Concen: 67.123 ng
RT: 14.316 min Scan# 1908
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

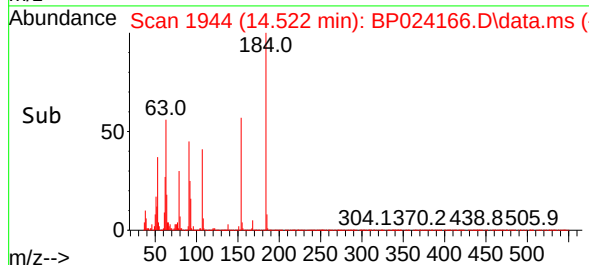
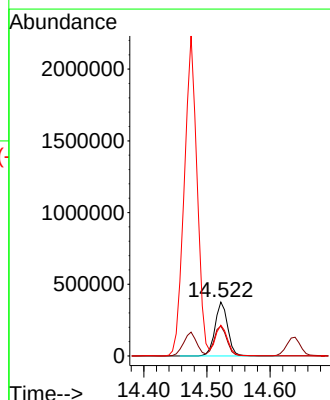
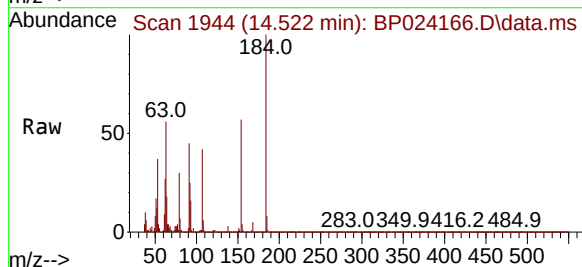
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

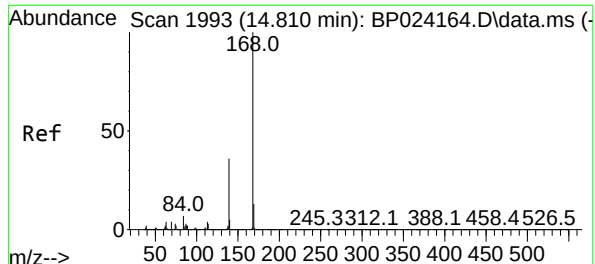
Tgt Ion:138 Resp: 963434
Ion Ratio Lower Upper
138 100
108 9.7 8.2 12.2
92 107.7 86.7 130.1



#54
2,4-Dinitrophenol
Concen: 73.093 ng
RT: 14.522 min Scan# 1944
Delta R.T. -0.000 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:184 Resp: 523590
Ion Ratio Lower Upper
184 100
63 55.6 42.1 63.1
154 56.9 44.6 67.0

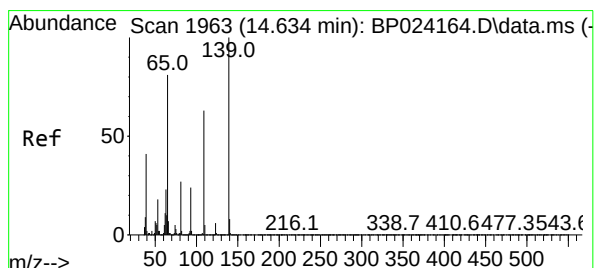
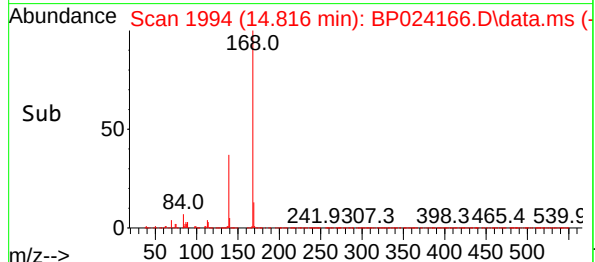
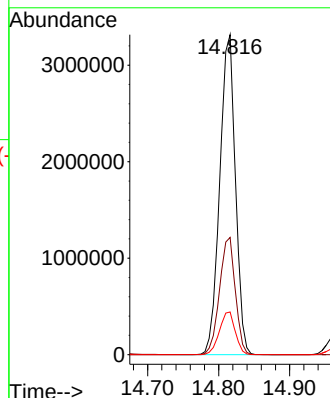
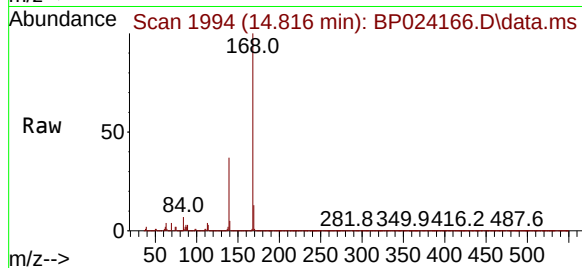




#55
Dibenzenofuran
Concen: 59.602 ng
RT: 14.816 min Scan# 1993
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

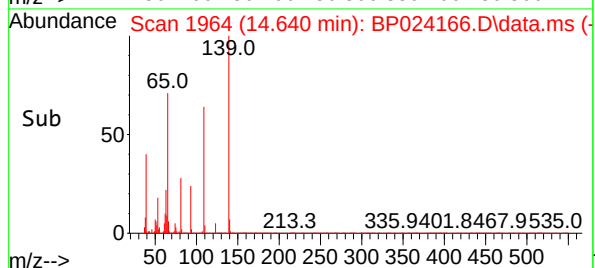
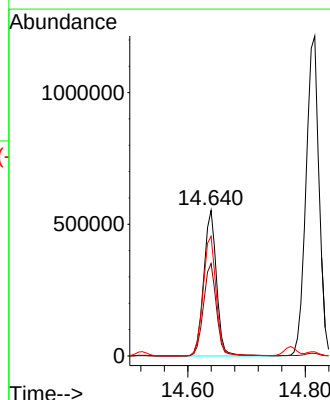
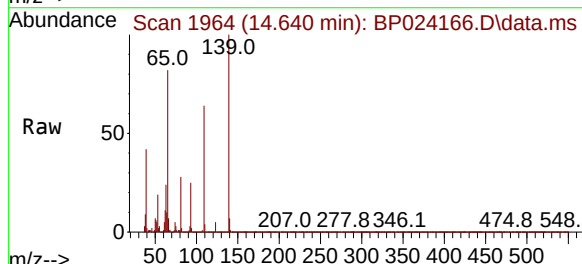
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

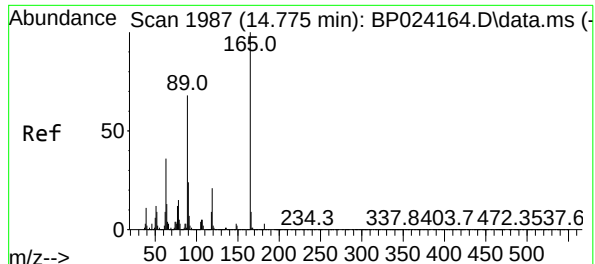
Tgt Ion:168 Resp: 5051493
Ion Ratio Lower Upper
168 100
139 36.6 29.1 43.7
169 13.4 10.8 16.2



#56
4-Nitrophenol
Concen: 67.086 ng
RT: 14.640 min Scan# 1964
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:139 Resp: 831765
Ion Ratio Lower Upper
139 100
109 63.5 43.3 83.3
65 82.1 61.2 101.2





#57

2,4-Dinitrotoluene

Concen: 69.346 ng

RT: 14.775 min Scan# 1987

Delta R.T. -0.000 min

Lab File: BP024166.D

Acq: 12 Mar 2025 20:21

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:165 Resp: 1211692

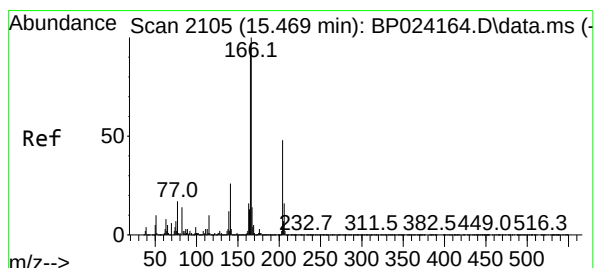
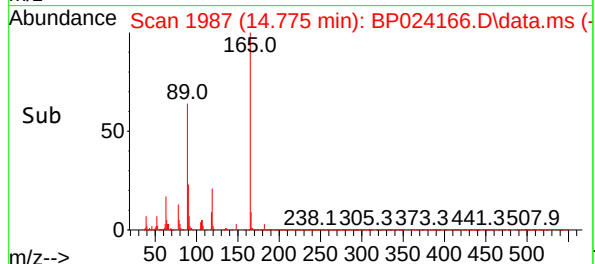
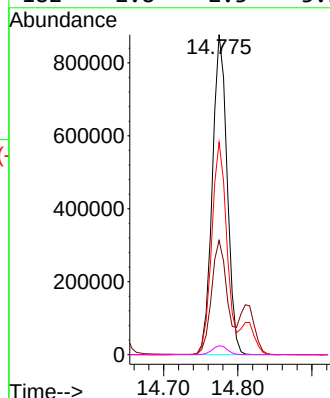
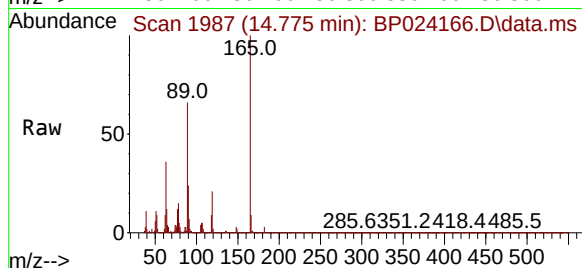
Ion Ratio Lower Upper

165 100

63 35.7 29.0 43.6

89 66.4 54.2 81.4

182 2.8 2.3 3.5



#58

Fluorene

Concen: 59.702 ng

RT: 15.469 min Scan# 2105

Delta R.T. -0.000 min

Lab File: BP024166.D

Acq: 12 Mar 2025 20:21

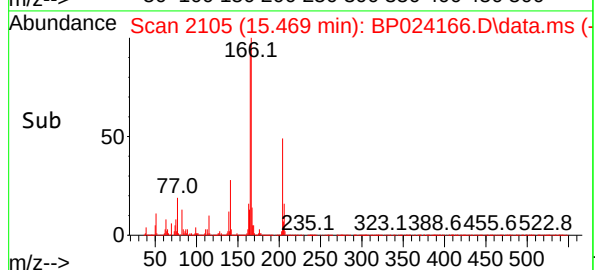
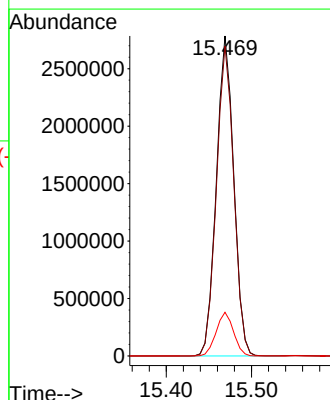
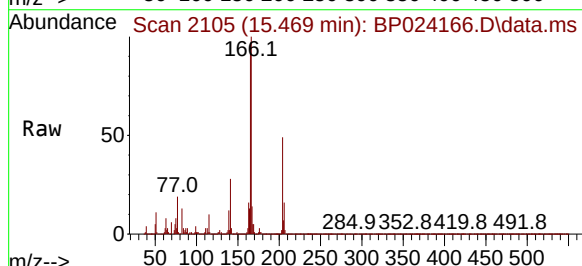
Tgt Ion:166 Resp: 3951671

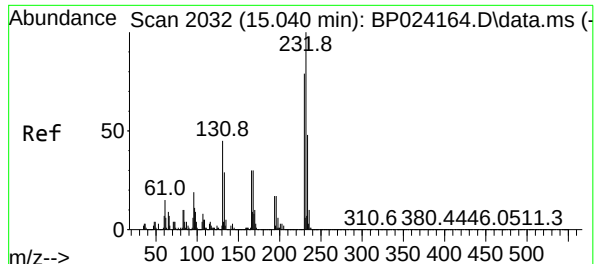
Ion Ratio Lower Upper

166 100

165 96.9 77.6 116.4

167 13.7 10.8 16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 63.439 ng

RT: 15.045 min Scan# 2032

Delta R.T. 0.006 min

Lab File: BP024166.D

Acq: 12 Mar 2025 20:21

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:232 Resp: 1055860

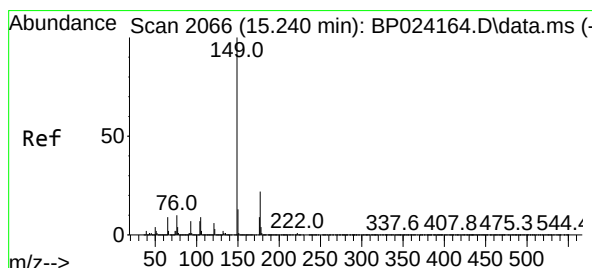
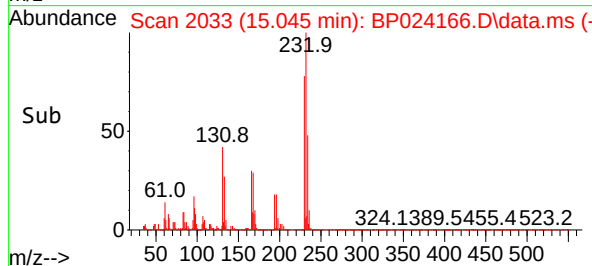
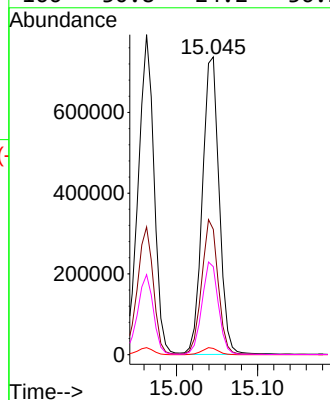
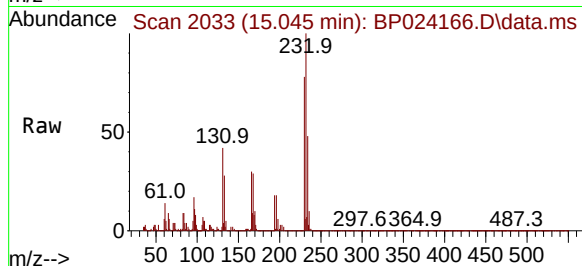
Ion Ratio Lower Upper

232 100

131 44.7 35.9 53.9

130 2.3 1.8 2.6

166 30.8 24.2 36.2



#60

Diethylphthalate

Concen: 61.486 ng

RT: 15.245 min Scan# 2067

Delta R.T. 0.006 min

Lab File: BP024166.D

Acq: 12 Mar 2025 20:21

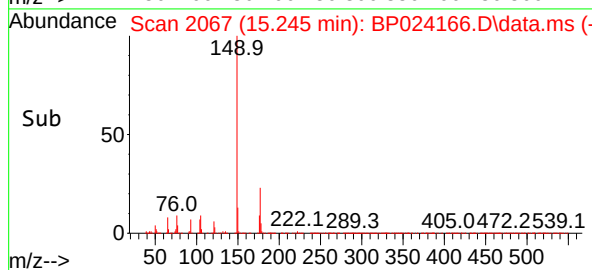
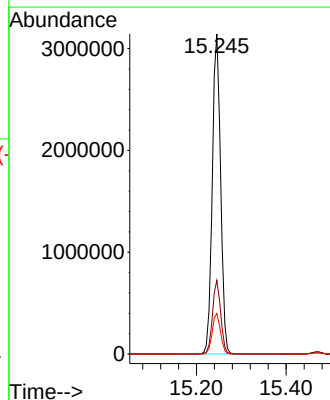
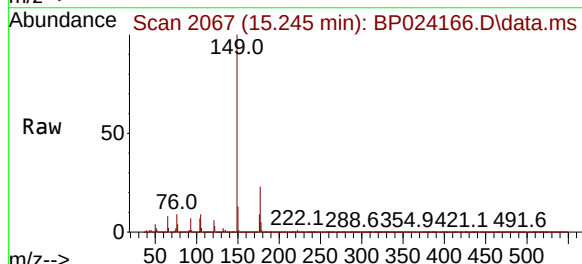
Tgt Ion:149 Resp: 4030341

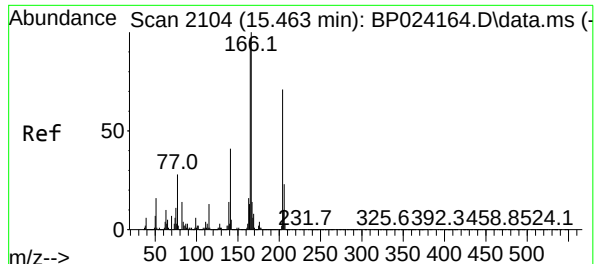
Ion Ratio Lower Upper

149 100

177 23.0 17.7 26.5

150 12.7 10.2 15.4

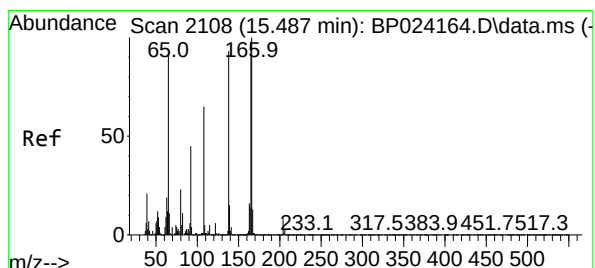
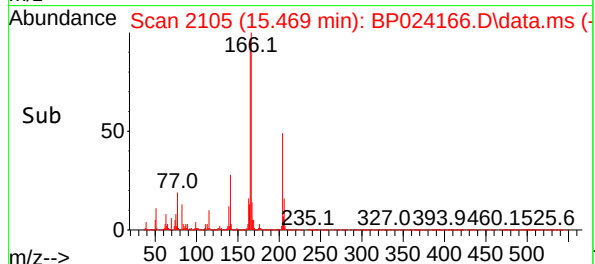
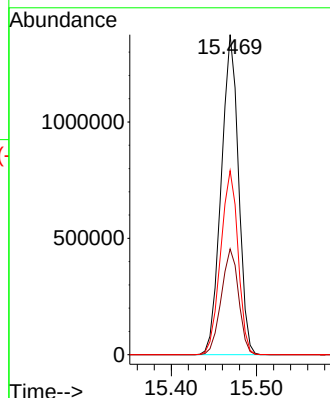
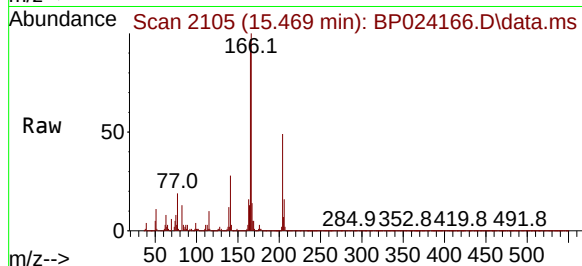




#61
4-Chlorophenyl-phenylether
Concen: 59.370 ng
RT: 15.469 min Scan# 2104
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

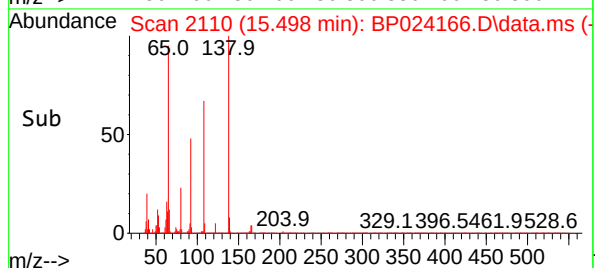
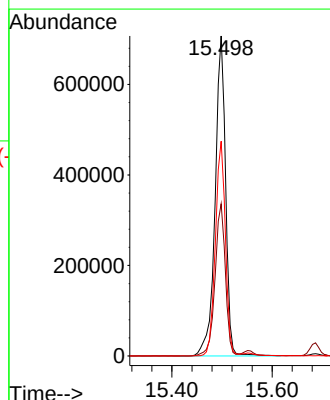
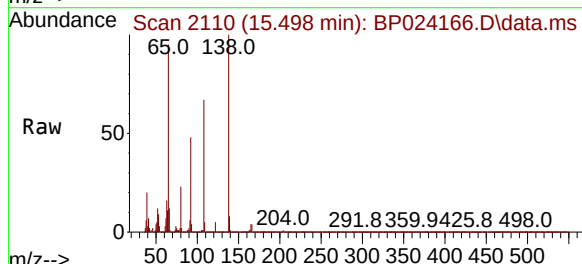
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

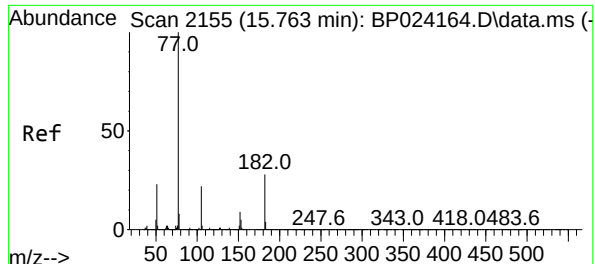
Tgt Ion:204 Resp: 1934265
Ion Ratio Lower Upper
204 100
206 33.1 26.4 39.6
141 57.5 45.8 68.8



#62
4-Nitroaniline
Concen: 68.824 ng
RT: 15.498 min Scan# 2110
Delta R.T. 0.012 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:138 Resp: 1025149
Ion Ratio Lower Upper
138 100
92 47.5 28.7 68.7
108 67.1 49.5 89.5





#63

Azobenzene

Concen: 62.340 ng

RT: 15.769 min Scan# 2155

Delta R.T. 0.006 min

Lab File: BP024166.D

Acq: 12 Mar 2025 20:21

Instrument :

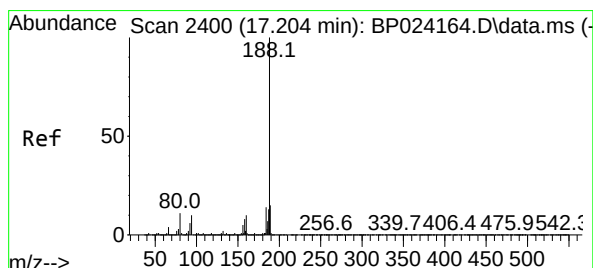
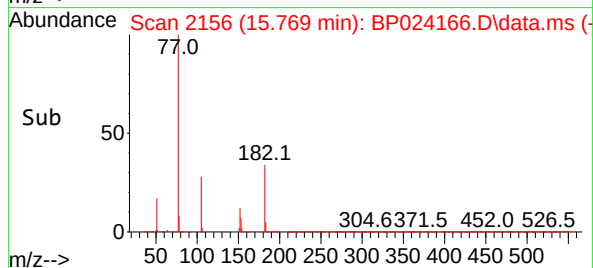
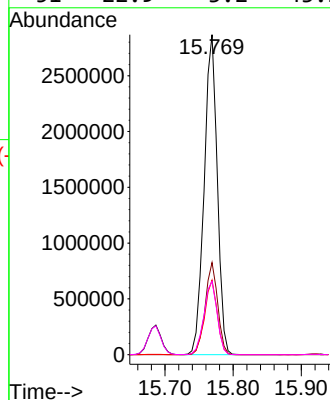
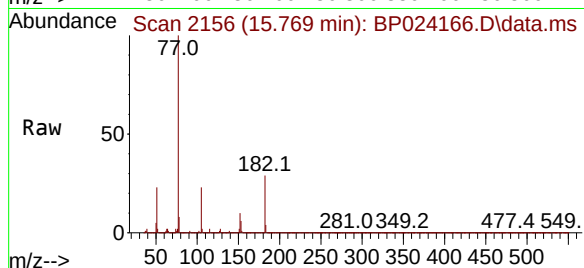
BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion: 77 Resp: 3829148

Ion	Ratio	Lower	Upper
77	100		
182	28.8	7.7	47.7
105	23.3	2.3	42.3
51	22.9	3.2	43.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.210 min Scan# 2401

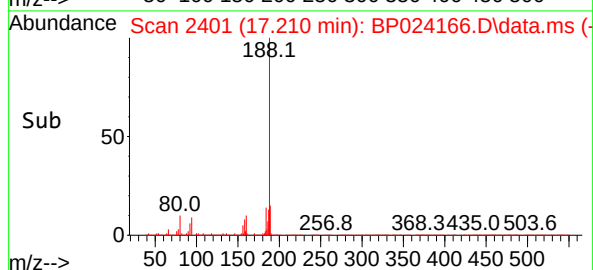
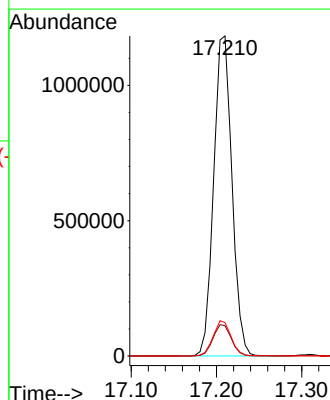
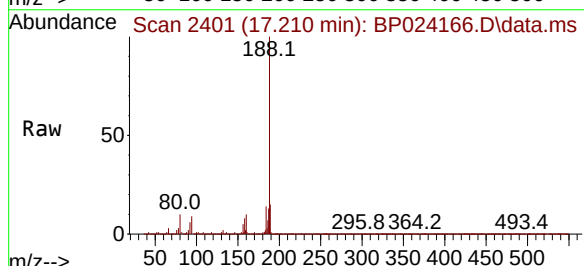
Delta R.T. 0.006 min

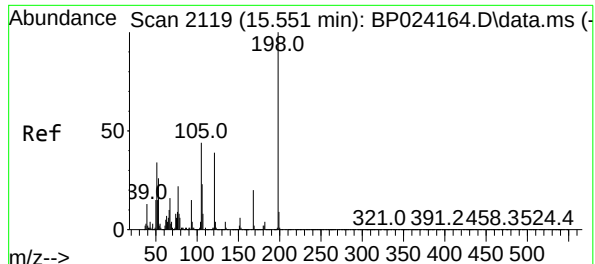
Lab File: BP024166.D

Acq: 12 Mar 2025 20:21

Tgt Ion:188 Resp: 1759587

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.1	12.1
80	10.5	8.9	13.3

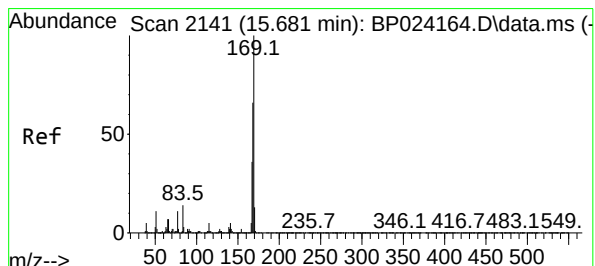
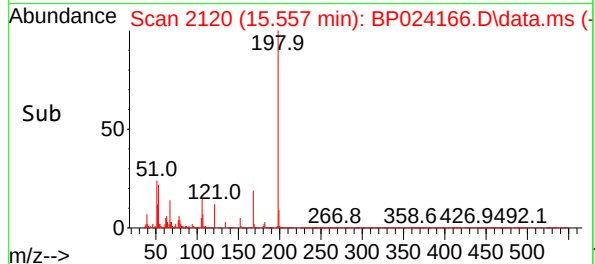
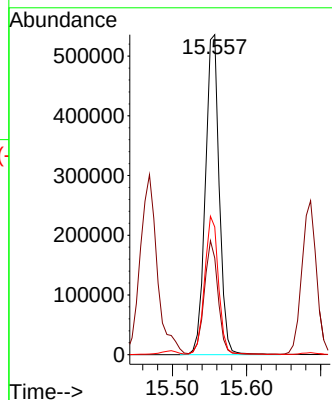
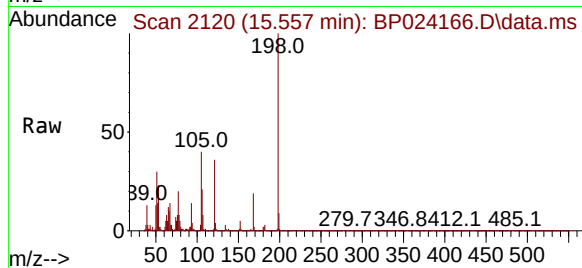




#65
4,6-Dinitro-2-methylphenol
Concen: 68.563 ng
RT: 15.557 min Scan# 2119
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

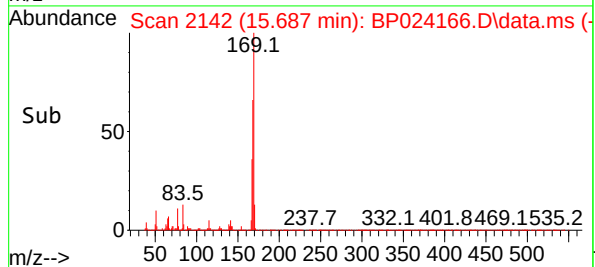
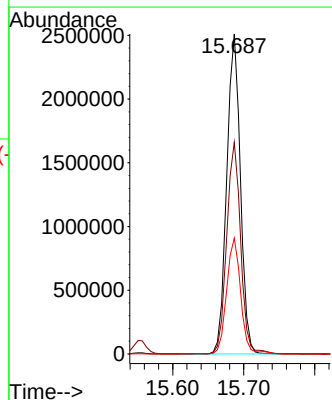
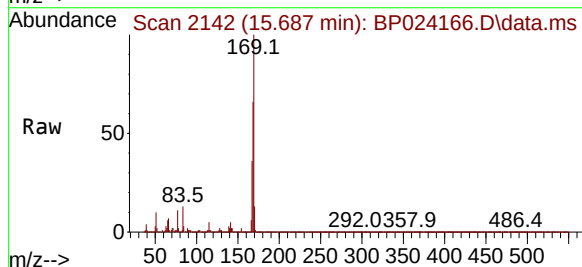
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

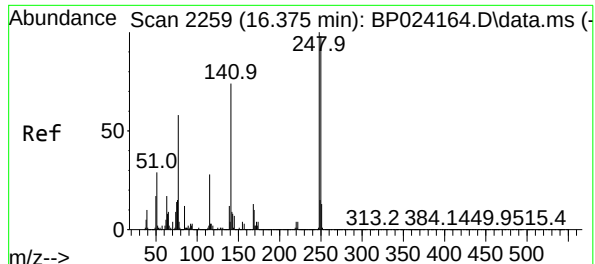
Tgt Ion:198 Resp: 698260
Ion Ratio Lower Upper
198 100
51 30.2 14.7 54.7
105 39.9 23.8 63.8



#66
n-Nitrosodiphenylamine
Concen: 60.776 ng
RT: 15.687 min Scan# 2142
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:169 Resp: 3334914
Ion Ratio Lower Upper
169 100
168 66.2 52.9 79.3
167 36.2 28.8 43.2





#67

4-Bromophenyl-phenylether

Concen: 61.311 ng

RT: 16.381 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024166.D

Acq: 12 Mar 2025 20:21

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

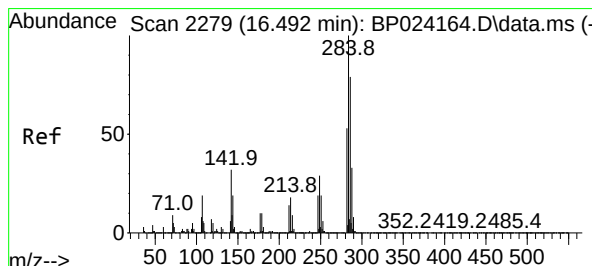
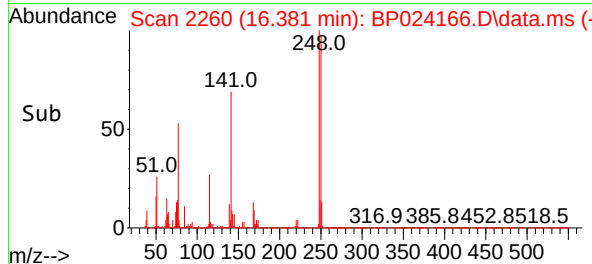
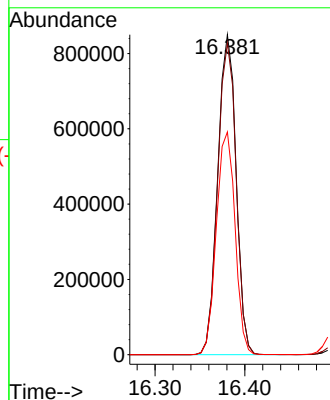
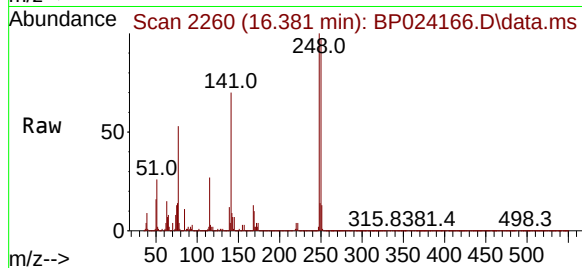
Tgt Ion:248 Resp: 1211468

Ion Ratio Lower Upper

248 100

250 97.4 78.4 117.6

141 69.6 59.4 89.0



#68

Hexachlorobenzene

Concen: 61.320 ng

RT: 16.498 min Scan# 2280

Delta R.T. 0.006 min

Lab File: BP024166.D

Acq: 12 Mar 2025 20:21

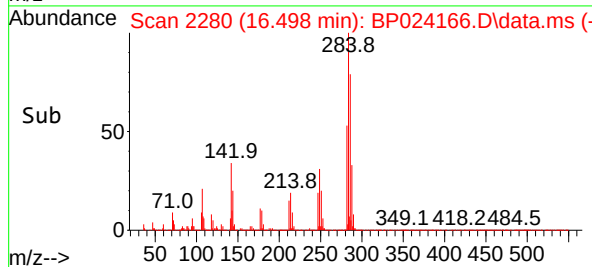
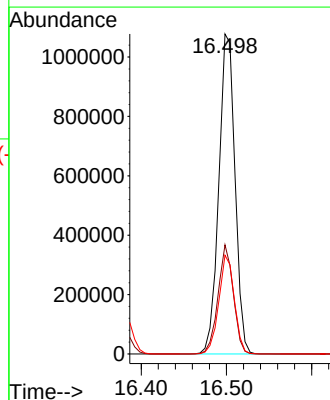
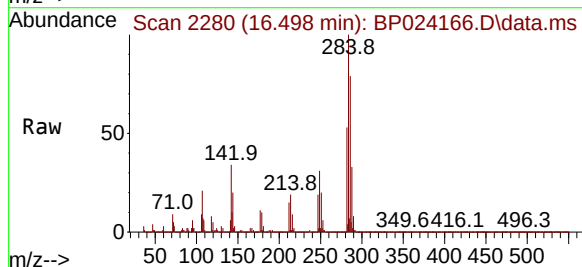
Tgt Ion:284 Resp: 1425714

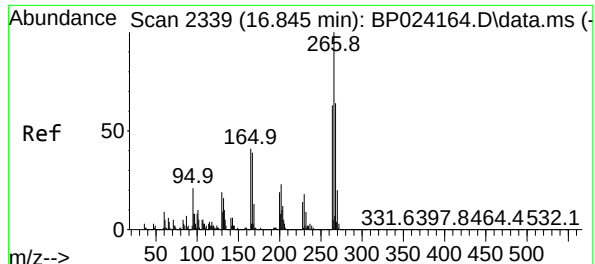
Ion Ratio Lower Upper

284 100

142 34.1 25.4 38.2

249 30.9 23.5 35.3





#70

Pentachlorophenol

Concen: 66.402 ng

RT: 16.857 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024166.D

Acq: 12 Mar 2025 20:21

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

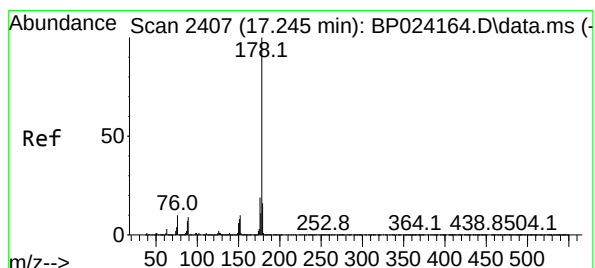
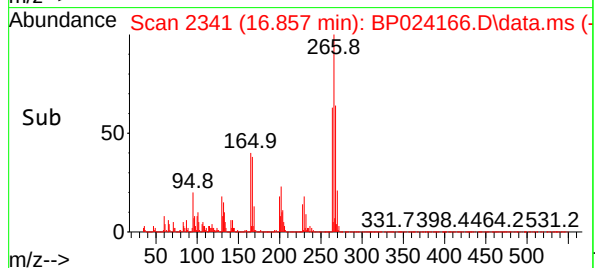
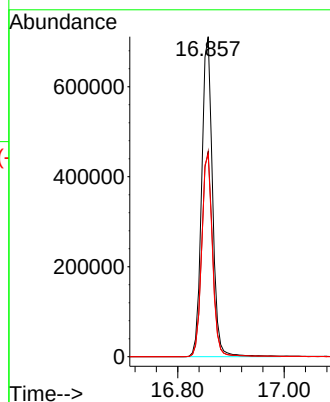
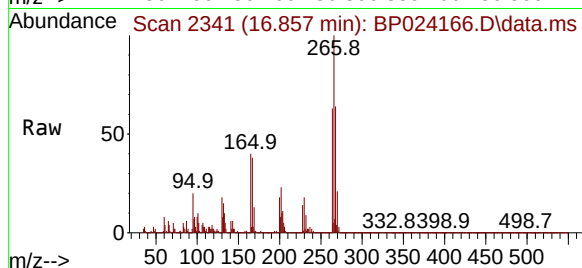
Tgt Ion:266 Resp: 1002726

Ion Ratio Lower Upper

266 100

268 64.2 51.3 76.9

264 63.1 50.6 76.0



#71

Phenanthrene

Concen: 59.103 ng

RT: 17.251 min Scan# 2408

Delta R.T. 0.006 min

Lab File: BP024166.D

Acq: 12 Mar 2025 20:21

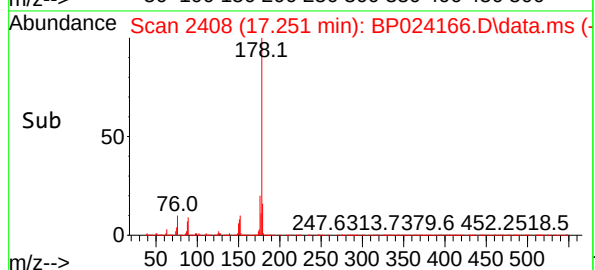
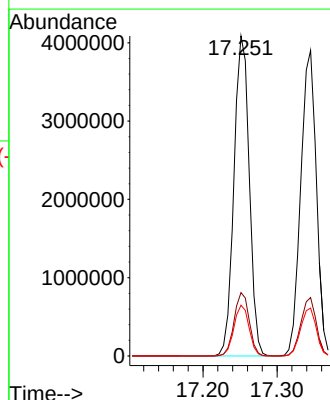
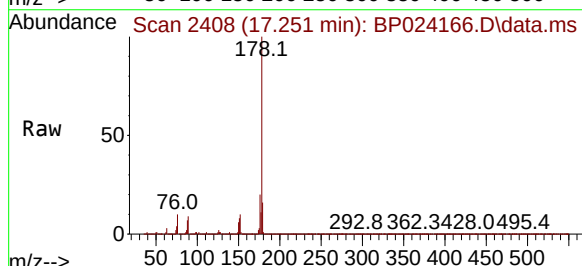
Tgt Ion:178 Resp: 5863198

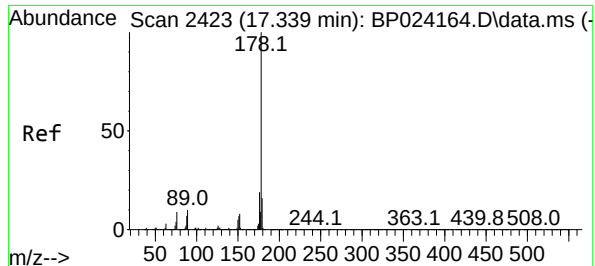
Ion Ratio Lower Upper

178 100

176 19.8 15.6 23.4

179 15.9 12.5 18.7

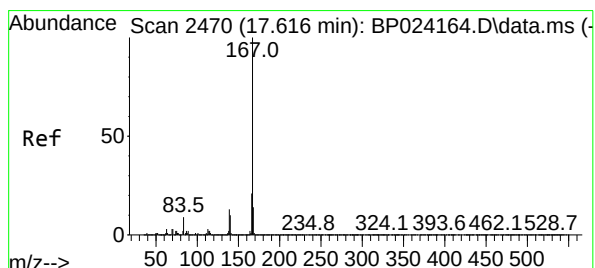
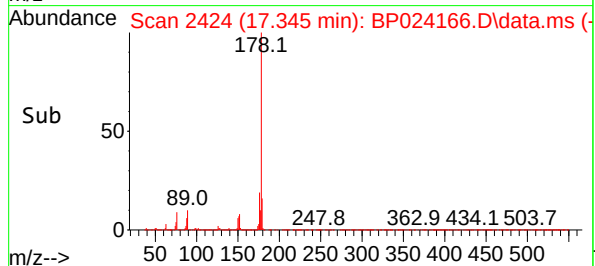
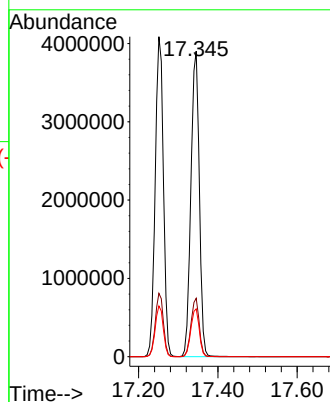
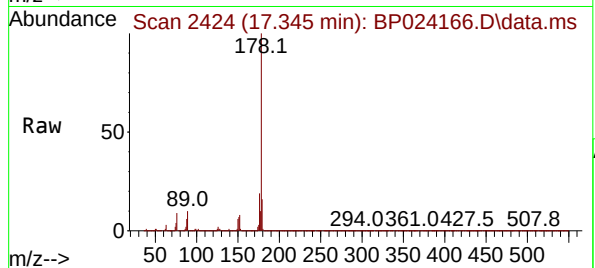




#72
Anthracene
Concen: 60.532 ng
RT: 17.345 min Scan# 2423
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

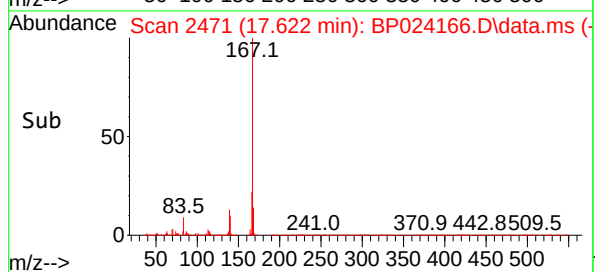
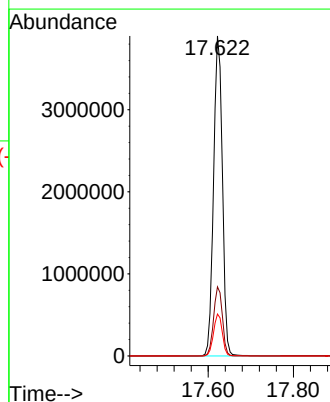
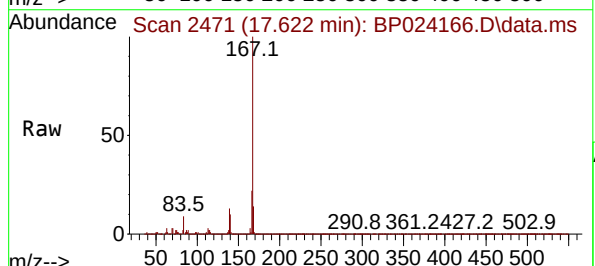
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

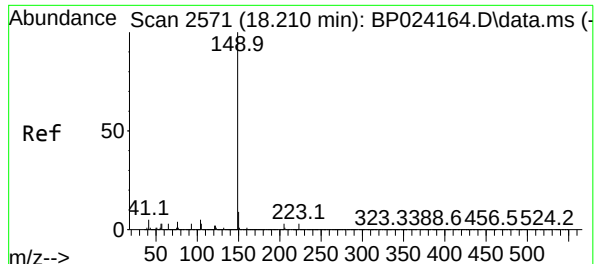
Tgt Ion:178 Resp: 5754537
Ion Ratio Lower Upper
178 100
176 19.1 15.2 22.8
179 15.6 12.6 18.8



#73
Carbazole
Concen: 61.810 ng
RT: 17.622 min Scan# 2471
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:167 Resp: 5598533
Ion Ratio Lower Upper
167 100
166 21.6 17.1 25.7
139 13.1 10.2 15.4

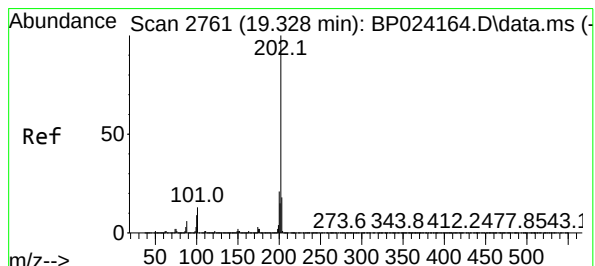
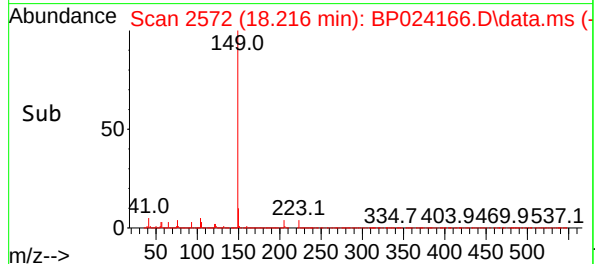
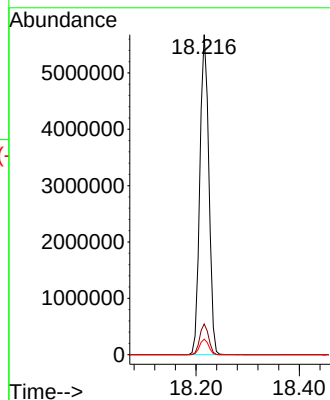
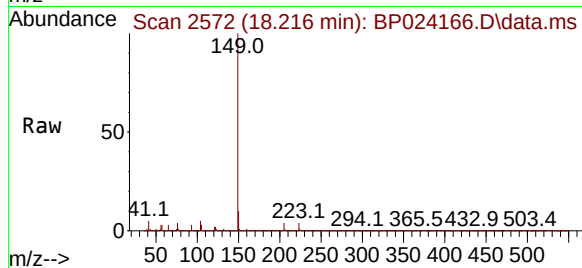




#74
Di-n-butylphthalate
Concen: 64.761 ng
RT: 18.216 min Scan# 2572
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

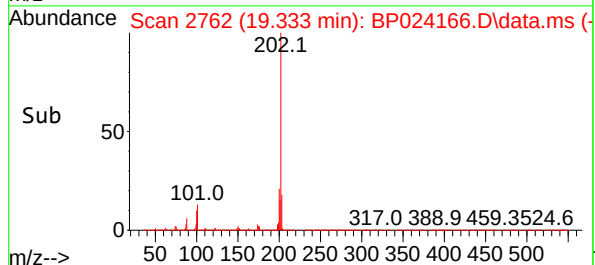
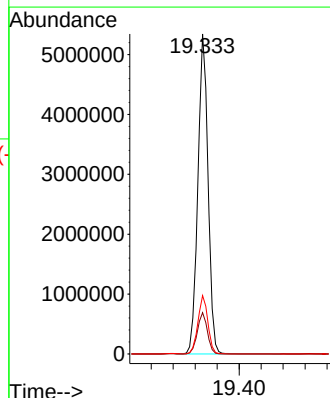
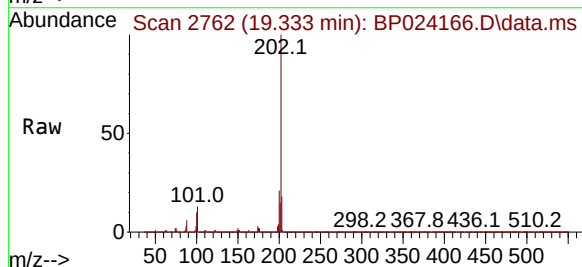
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

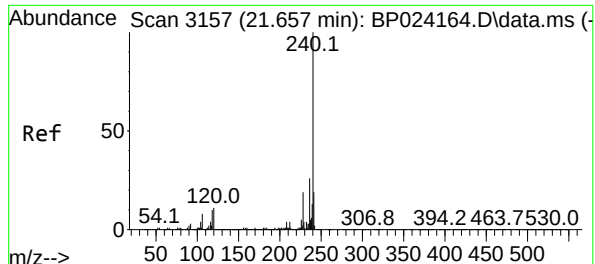
Tgt Ion:149 Resp: 6844468
Ion Ratio Lower Upper
149 100
150 9.6 7.6 11.4
104 4.9 3.9 5.9



#75
Fluoranthene
Concen: 61.042 ng
RT: 19.333 min Scan# 2762
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:202 Resp: 6849338
Ion Ratio Lower Upper
202 100
101 12.9 0.0 32.5
203 18.2 0.0 37.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.669 min Scan# 3159

Delta R.T. 0.012 min

Lab File: BP024166.D

Acq: 12 Mar 2025 20:21

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

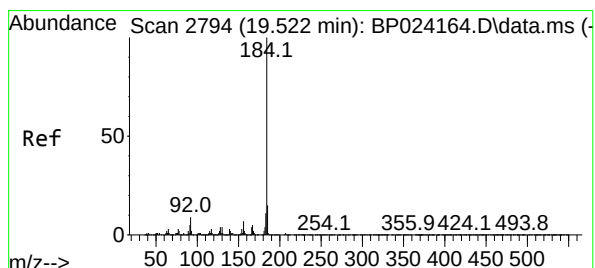
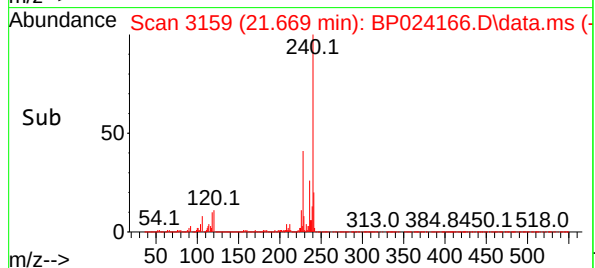
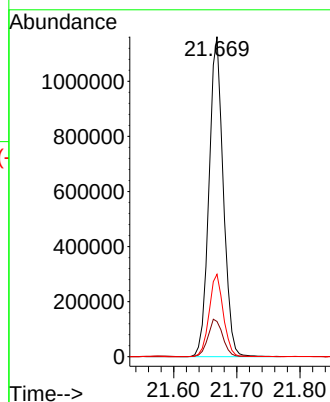
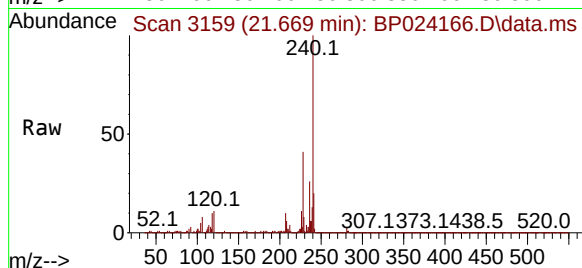
Tgt Ion:240 Resp: 1817869

Ion Ratio Lower Upper

240 100

120 11.0 9.2 13.8

236 25.7 20.4 30.6



#77

Benzidine

Concen: 68.561 ng

RT: 19.528 min Scan# 2795

Delta R.T. 0.006 min

Lab File: BP024166.D

Acq: 12 Mar 2025 20:21

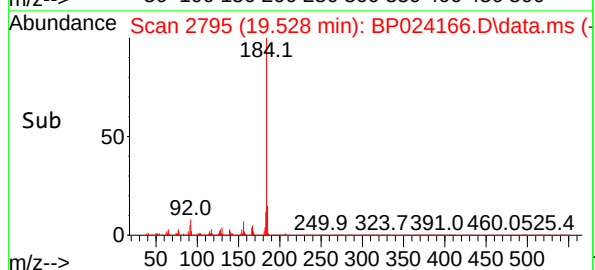
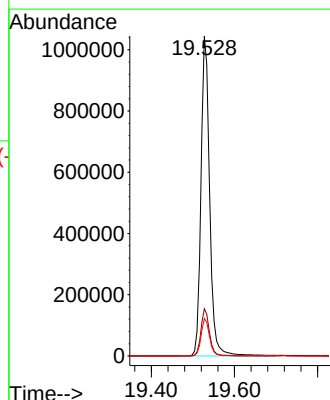
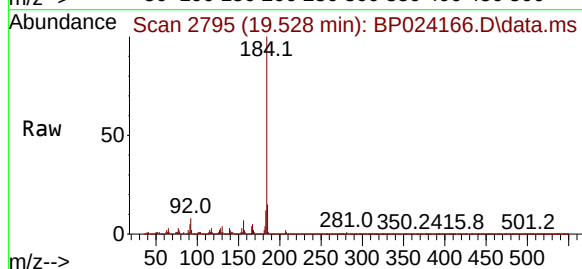
Tgt Ion:184 Resp: 1518742

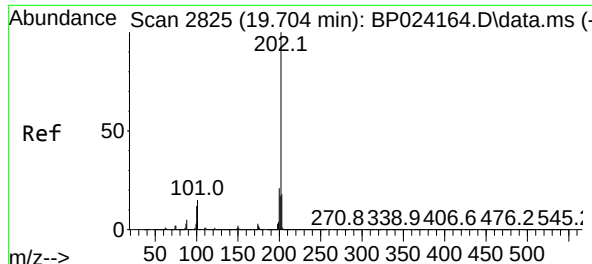
Ion Ratio Lower Upper

184 100

185 14.8 11.8 17.6

183 11.7 9.1 13.7

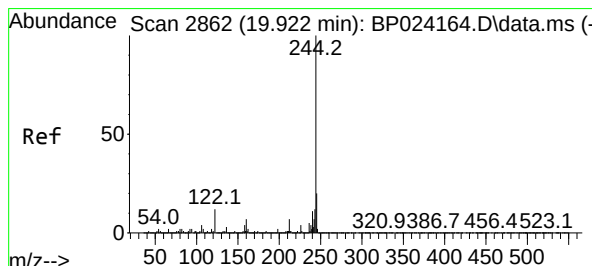
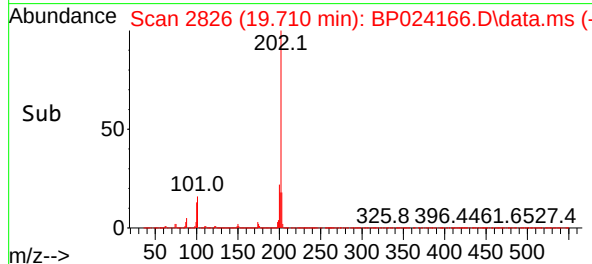
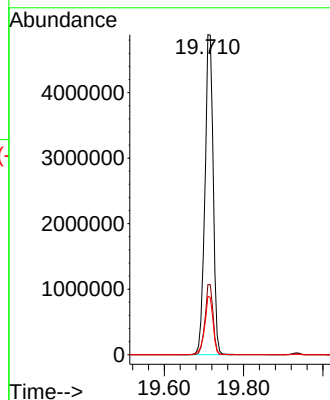
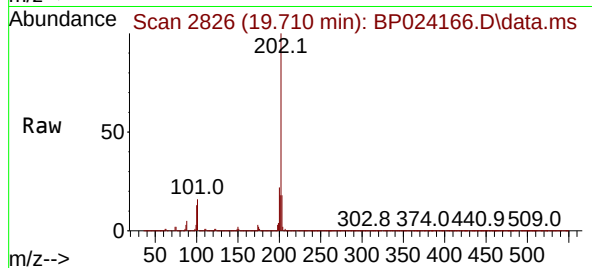




#78
Pyrene
Concen: 61.052 ng
RT: 19.710 min Scan# 2826
Delta R.T. 0.006 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

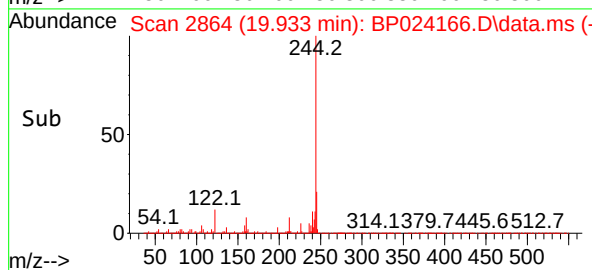
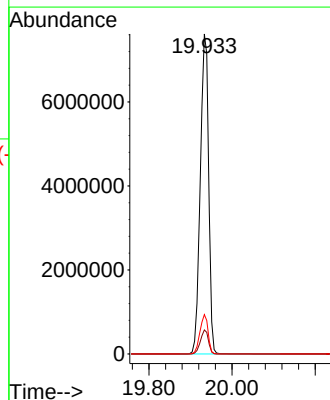
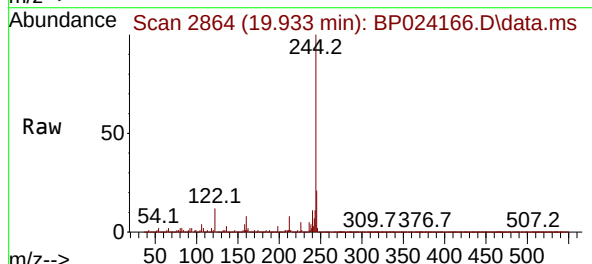
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

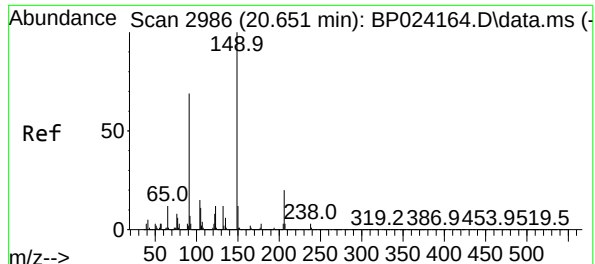
Tgt Ion:202 Resp: 7049649
Ion Ratio Lower Upper
202 100
200 21.9 17.1 25.7
203 18.2 14.2 21.4



#79
Terphenyl-d14
Concen: 115.330 ng
RT: 19.933 min Scan# 2864
Delta R.T. 0.012 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:244 Resp:10595349
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 12.3 9.6 14.4

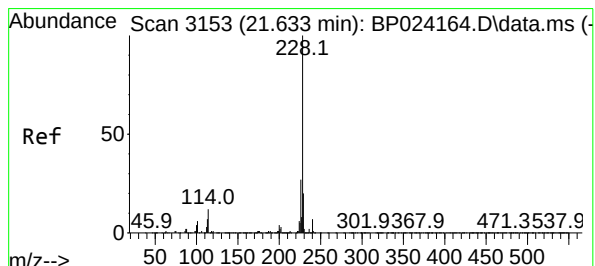
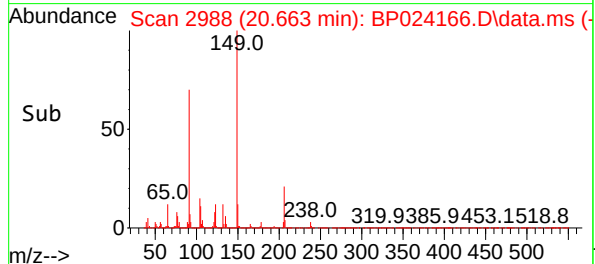
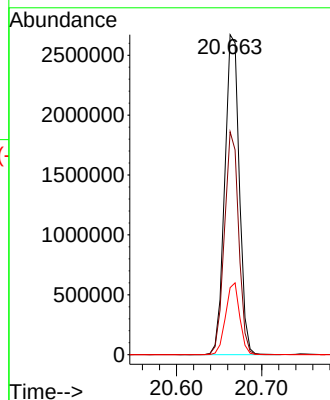
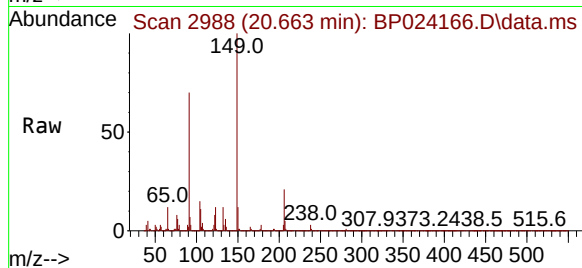




#80
Butylbenzylphthalate
Concen: 71.649 ng
RT: 20.663 min Scan# 2986
Delta R.T. 0.012 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

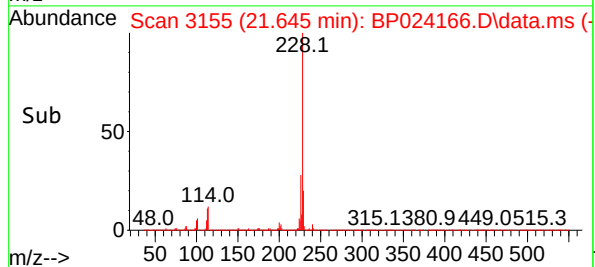
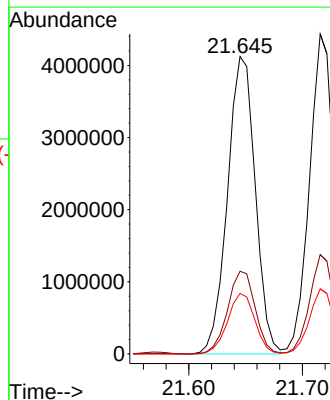
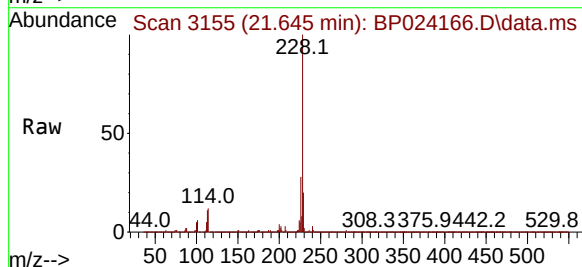
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

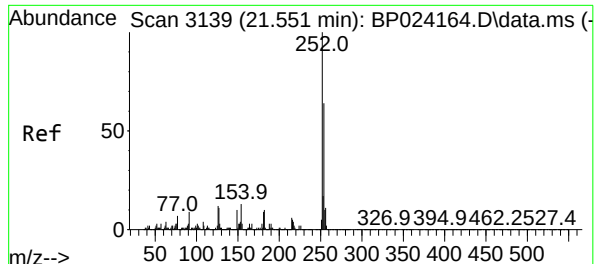
Tgt Ion:149 Resp: 3170269
Ion Ratio Lower Upper
149 100
91 69.6 55.3 82.9
206 21.0 16.1 24.1



#81
Benzo(a)anthracene
Concen: 61.500 ng
RT: 21.645 min Scan# 3155
Delta R.T. 0.012 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:228 Resp: 7010330
Ion Ratio Lower Upper
228 100
226 27.8 21.8 32.8
229 20.4 16.0 24.0





#82

3,3'-Dichlorobenzidine

Concen: 71.531 ng

RT: 21.569 min Scan# 3142

Delta R.T. 0.018 min

Lab File: BP024166.D

Acq: 12 Mar 2025 20:21

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

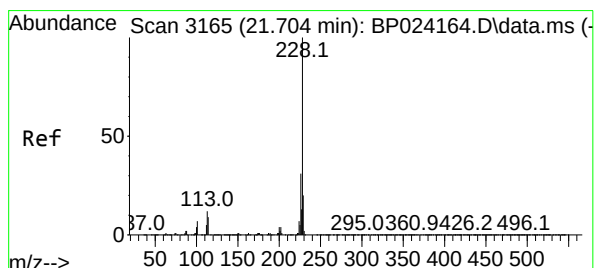
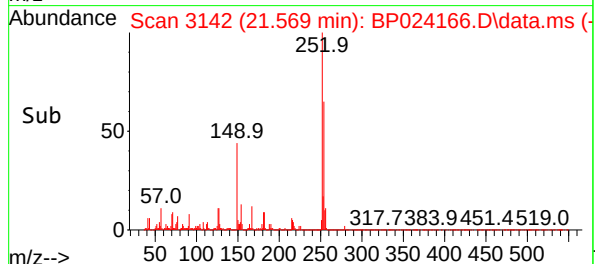
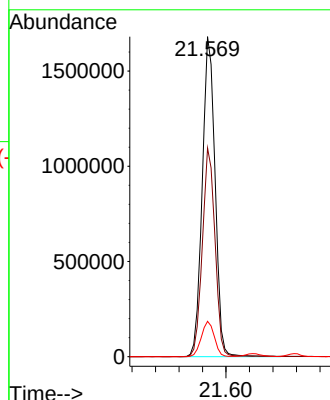
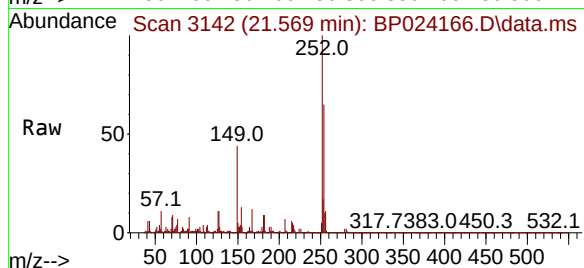
Tgt Ion:252 Resp: 2547922

Ion Ratio Lower Upper

252 100

254 65.2 51.4 77.2

126 11.1 9.3 13.9



#83

Chrysene

Concen: 60.535 ng

RT: 21.716 min Scan# 3167

Delta R.T. 0.012 min

Lab File: BP024166.D

Acq: 12 Mar 2025 20:21

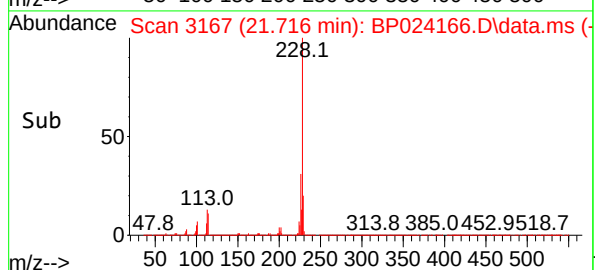
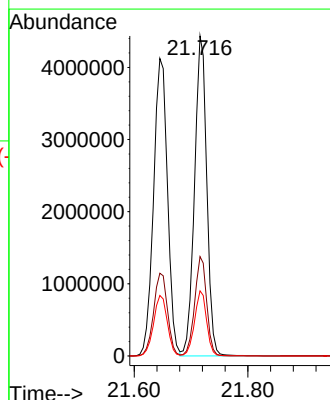
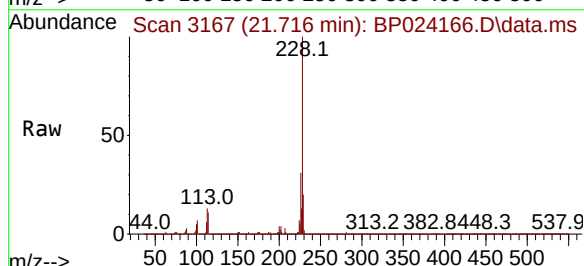
Tgt Ion:228 Resp: 6653811

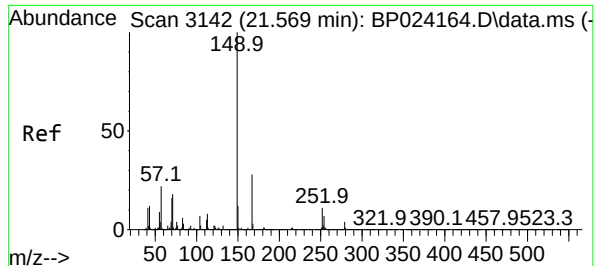
Ion Ratio Lower Upper

228 100

226 31.0 24.5 36.7

229 20.3 16.2 24.2

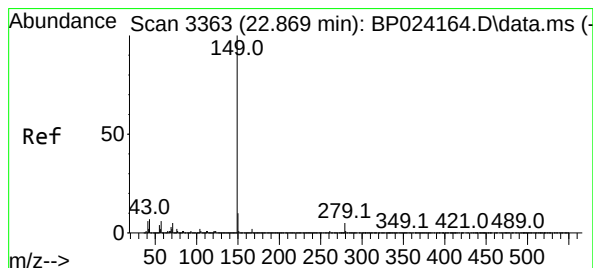
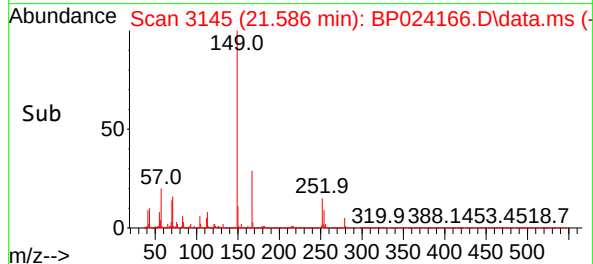
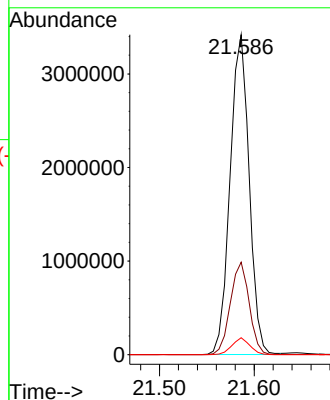
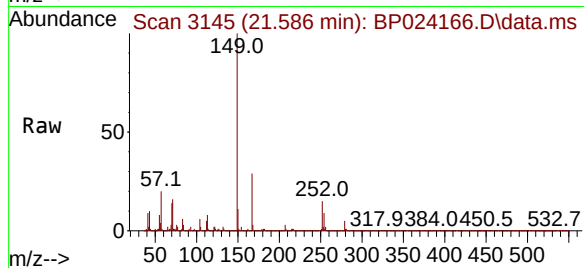




#84
Bis(2-ethylhexyl)phthalate
Concen: 71.363 ng
RT: 21.586 min Scan# 3145
Delta R.T. 0.018 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

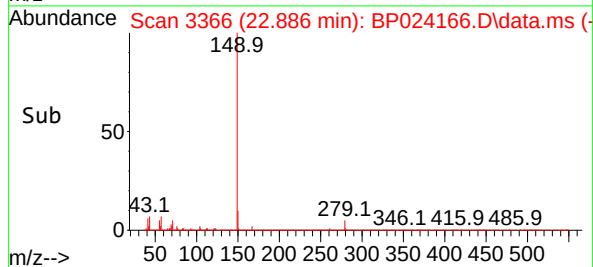
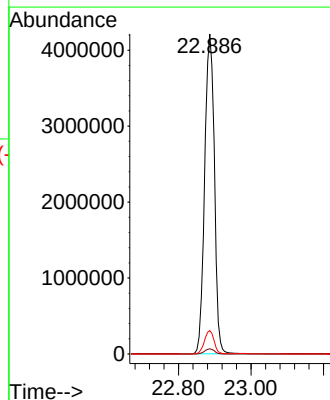
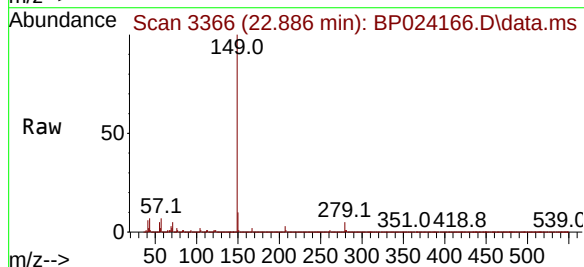
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

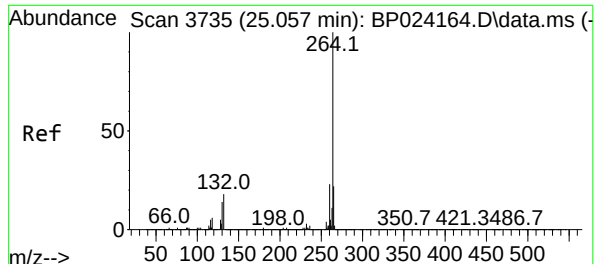
Tgt Ion:149 Resp: 4788368
Ion Ratio Lower Upper
149 100
167 28.9 22.5 33.7
279 5.3 3.6 5.4



#85
Di-n-octyl phthalate
Concen: 72.964 ng
RT: 22.886 min Scan# 3366
Delta R.T. 0.018 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:149 Resp: 7825427
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.3 5.8 8.8

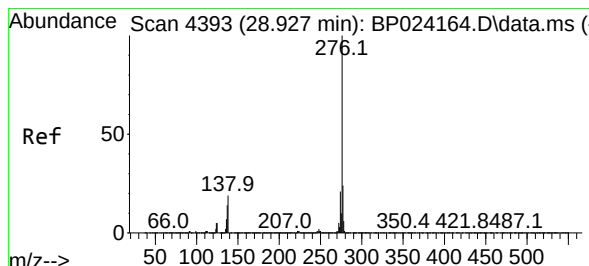
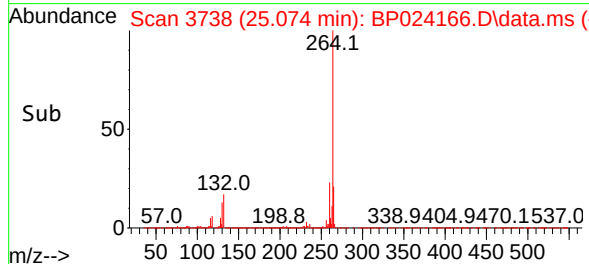
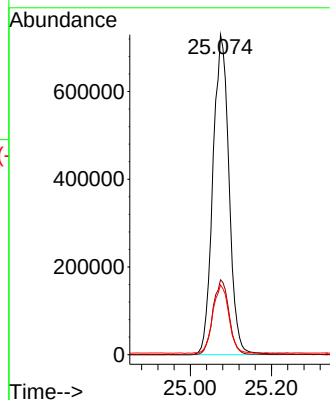
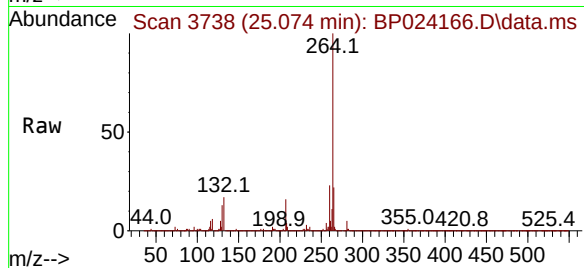




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.074 min Scan# 31
Delta R.T. 0.018 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

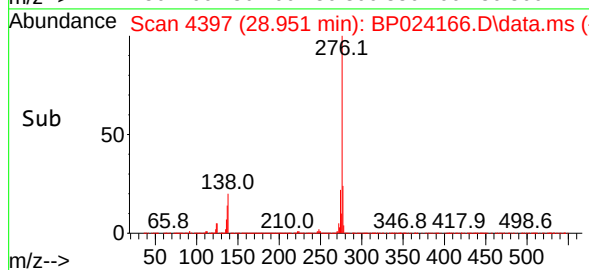
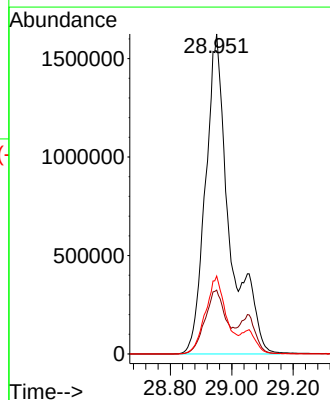
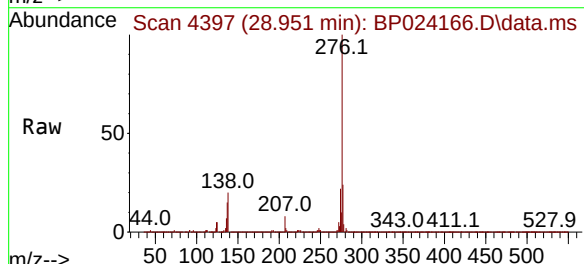
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

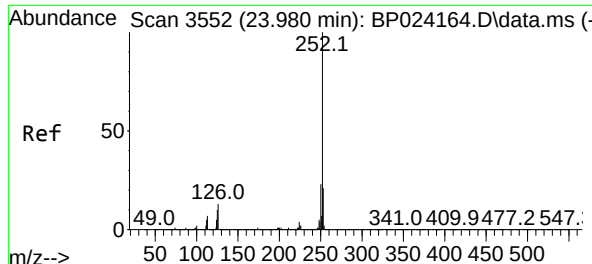
Tgt Ion:264 Resp: 2003229
Ion Ratio Lower Upper
264 100
260 23.4 18.5 27.7
265 21.8 17.7 26.5



#87
Indeno(1,2,3-cd)pyrene
Concen: 62.364 ng m
RT: 28.951 min Scan# 4397
Delta R.T. 0.023 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:276 Resp: 8887645
Ion Ratio Lower Upper
276 100
138 17.7 13.7 20.5
277 20.7 20.2 30.2

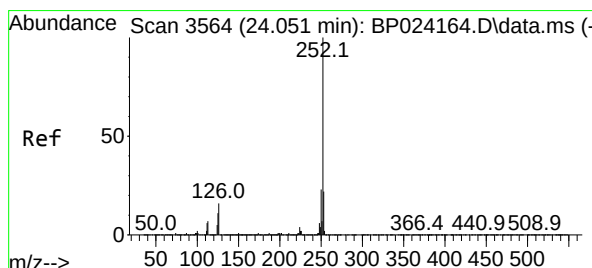
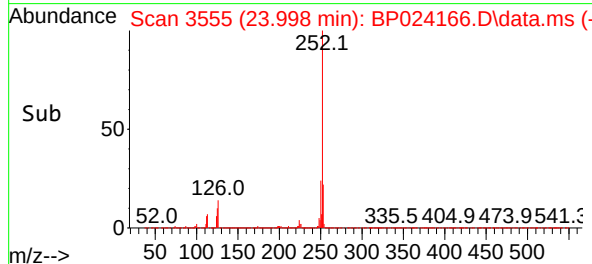
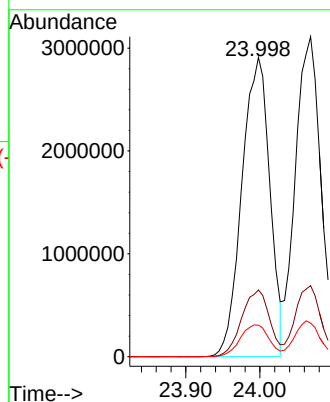
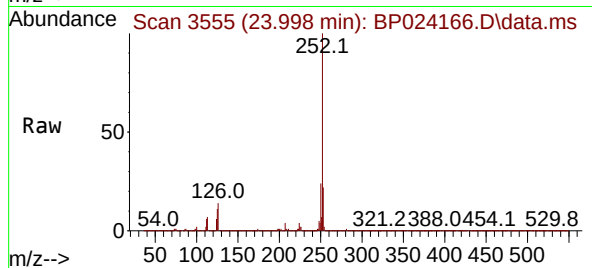




#88
Benzo(b)fluoranthene
Concen: 59.798 ng
RT: 23.998 min Scan# 3555
Delta R.T. 0.018 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

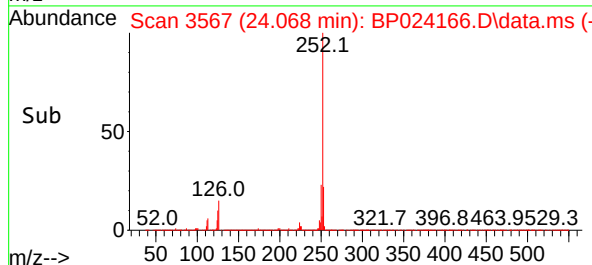
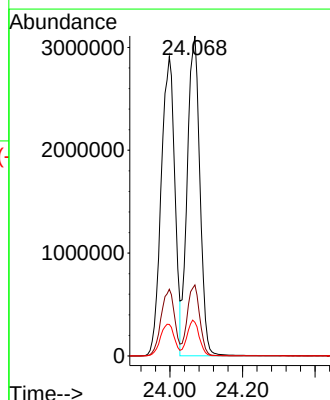
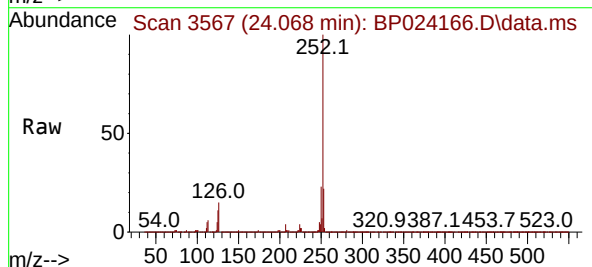
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

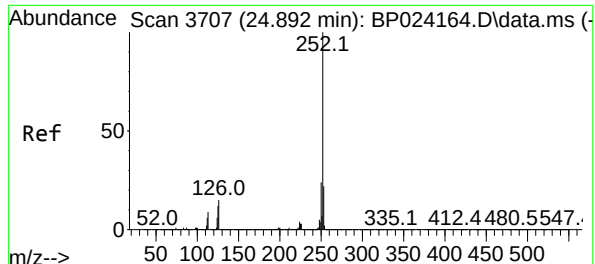
Tgt Ion:252 Resp: 7606878
Ion Ratio Lower Upper
252 100
253 22.3 17.2 25.8
125 10.5 8.2 12.4



#89
Benzo(k)fluoranthene
Concen: 60.696 ng
RT: 24.068 min Scan# 3567
Delta R.T. 0.018 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:252 Resp: 7515459
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 10.5 9.1 13.7

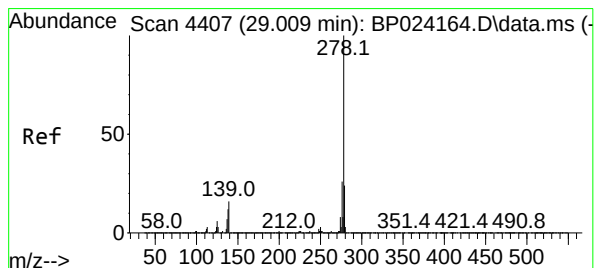
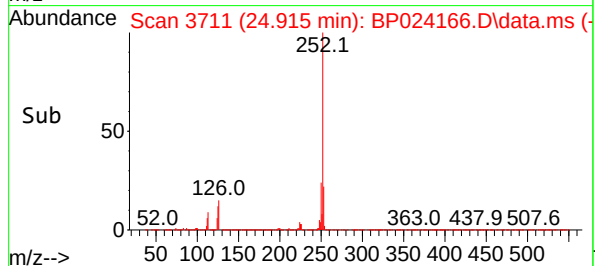
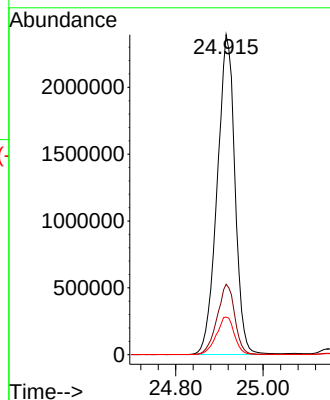
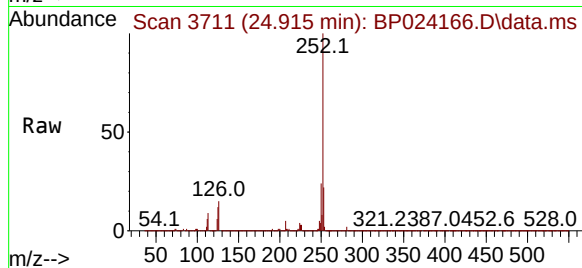




#90
Benzo(a)pyrene
Concen: 62.275 ng
RT: 24.915 min Scan# 31
Delta R.T. 0.023 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

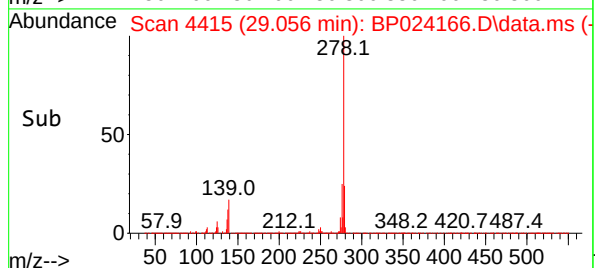
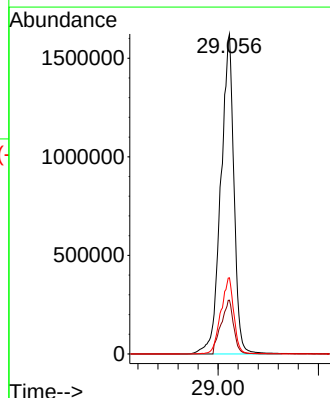
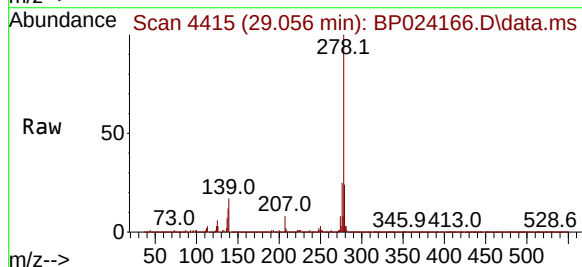
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

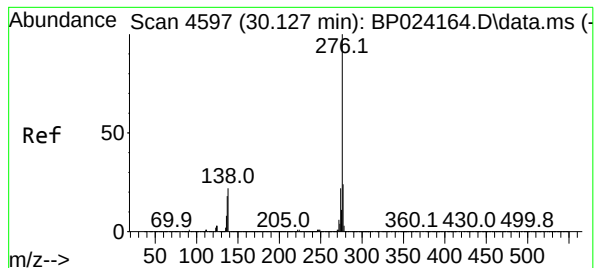
Tgt Ion:252 Resp: 6723161
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 11.8 9.6 14.4



#91
Dibenzo(a,h)anthracene
Concen: 61.510 ng
RT: 29.056 min Scan# 4415
Delta R.T. 0.047 min
Lab File: BP024166.D
Acq: 12 Mar 2025 20:21

Tgt Ion:278 Resp: 7370514
Ion Ratio Lower Upper
278 100
139 16.8 13.0 19.4
279 23.8 18.8 28.2





#92

Benzo(g,h,i)perylene

Concen: 61.593 ng

RT: 30.156 min Scan# 4

Delta R.T. 0.029 min

Lab File: BP024166.D

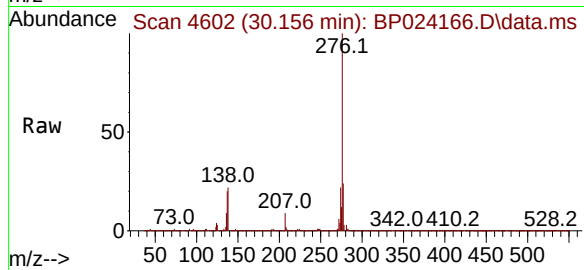
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Instrument :

BNA_P

ClientSampleId :

SSTDICC060



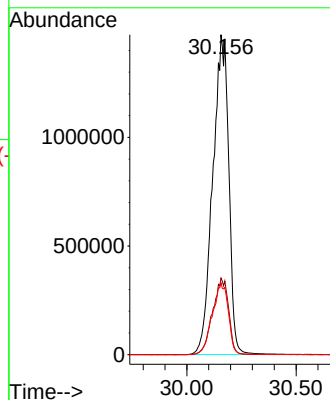
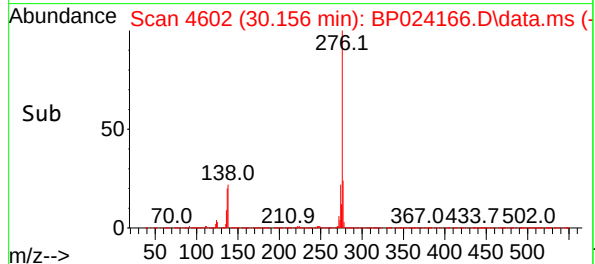
Tgt Ion:276 Resp: 7489359

Ion Ratio Lower Upper

276 100

277 23.9 19.2 28.8

138 22.5 17.4 26.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
 Data File : BP024167.D
 Acq On : 12 Mar 2025 21:02
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC080

Quant Time: Mar 13 04:10:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 04:01:12 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	364999	20.000	ng	0.00
21) Naphthalene-d8	10.551	136	1468727	20.000	ng	0.00
39) Acenaphthene-d10	14.404	164	888748	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	1690241	20.000	ng	0.00
76) Chrysene-d12	21.674	240	1785678	20.000	ng	0.02
86) Perylene-d12	25.080	264	1974592	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	3803317	162.591	ng	0.00
7) Phenol-d6	6.957	99	5104893	169.796	ng	0.00
23) Nitrobenzene-d5	8.922	82	4314346	163.878	ng	0.00
42) 2,4,6-Tribromophenol	15.922	330	2025211	186.035	ng	0.00
45) 2-Fluorobiphenyl	13.016	172	9471932	148.993	ng	0.00
79) Terphenyl-d14	19.939	244	13193577	146.201	ng	0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.317	88	719424	78.401	ng	99
3) Pyridine	3.716	79	2086180m	87.444	ng	
4) n-Nitrosodimethylamine	3.622	42	672598	79.479	ng	98
6) Aniline	7.110	93	2112268	76.717	ng	98
8) 2-Chlorophenol	7.346	128	2039550	82.376	ng	99
9) Benzaldehyde	6.922	77	842969	61.412	ng	98
10) Phenol	6.987	94	2556863	84.573	ng	99
11) bis(2-Chloroethyl)ether	7.199	93	1979282	83.121	ng	100
12) 1,3-Dichlorobenzene	7.663	146	2110081	77.577	ng	99
13) 1,4-Dichlorobenzene	7.810	146	2159502	78.507	ng	99
14) 1,2-Dichlorobenzene	8.122	146	2060216	78.042	ng	99
15) Benzyl Alcohol	8.010	79	1663098	90.370	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.299	45	1950889	84.398	ng	99
17) 2-Methylphenol	8.216	107	1619006	87.877	ng	99
18) Hexachloroethane	8.846	117	773060	78.037	ng	97
19) n-Nitroso-di-n-propyla...	8.575	70	1455297	90.027	ng	99
20) 3+4-Methylphenols	8.546	107	2240243	89.384	ng	98
22) Acetophenone	8.587	105	3007941	79.697	ng	# 99
24) Nitrobenzene	8.969	77	2118548	81.768	ng	98
25) Isophorone	9.493	82	3813082	88.570	ng	98
26) 2-Nitrophenol	9.669	139	1129770	94.646	ng	97
27) 2,4-Dimethylphenol	9.734	122	1361694	86.904	ng	99
28) bis(2-Chloroethoxy)met...	9.963	93	2576867	82.625	ng	100
29) 2,4-Dichlorophenol	10.204	162	1875825	87.724	ng	99
30) 1,2,4-Trichlorobenzene	10.416	180	1946046	79.431	ng	99
31) Naphthalene	10.604	128	6278869	79.507	ng	100
33) 4-Chloroaniline	10.716	127	2336710	83.990	ng	99
34) Hexachlorobutadiene	10.887	225	1124081	79.213	ng	99
35) Caprolactam	11.528	113	654999	101.156	ng	97
36) 4-Chloro-3-methylphenol	11.845	107	2042687	92.924	ng	99
37) 2-Methylnaphthalene	12.210	142	4316966	82.244	ng	99
38) 1-Methylnaphthalene	12.434	142	4227550	82.791	ng	99
40) 1,2,4,5-Tetrachloroben...	12.581	216	2120251	77.644	ng	100
41) Hexachlorocyclopentadiene	12.563	237	788854	77.633	ng	99
43) 2,4,6-Trichlorophenol	12.822	196	1443797	86.697	ng	99
44) 2,4,5-Trichlorophenol	12.904	196	1575527	86.506	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
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 Acq On : 12 Mar 2025 21:02
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC080

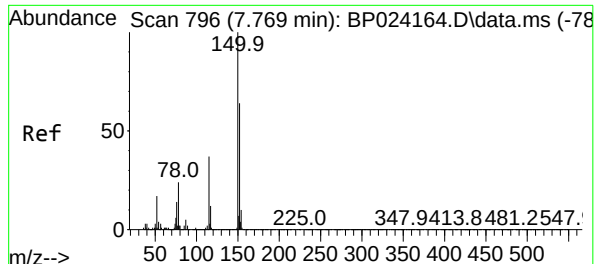
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 04:01:12 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.228	154	5406424	78.284	ng	99
47) 2-Chloronaphthalene	13.269	162	4094698	78.432	ng	100
48) 2-Nitroaniline	13.475	65	1150637	93.303	ng	98
49) Acenaphthylene	14.122	152	6343598	82.473	ng	99
50) Dimethylphthalate	13.857	163	5115780	81.603	ng	100
51) 2,6-Dinitrotoluene	13.975	165	1146015	89.740	ng	97
52) Acenaphthene	14.469	154	3985981	80.473	ng	99
53) 3-Nitroaniline	14.310	138	1277036	93.713	ng	98
55) Dibenzofuran	14.810	168	6287848	78.144	ng	99
56) 4-Nitrophenol	14.639	139	1110260	94.320	ng	99
57) 2,4-Dinitrotoluene	14.775	165	1584658	95.524	ng	97
58) Fluorene	15.469	166	4983161	79.298	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.045	232	1371535	86.797	ng	100
60) Diethylphthalate	15.245	149	5221159	83.898	ng	98
61) 4-Chlorophenyl-phenyle...	15.463	204	2453010	79.305	ng	99
62) 4-Nitroaniline	15.498	138	1346814	95.238	ng	95
63) Azobenzene	15.763	77	4851665	83.196	ng	99
65) 4,6-Dinitro-2-methylph...	15.557	198	924643	94.517	ng	97
66) n-Nitrosodiphenylamine	15.686	169	4231796	80.285	ng	99
67) 4-Bromophenyl-phenylether	16.381	248	1565037	82.455	ng	94
68) Hexachlorobenzene	16.498	284	1841149	82.437	ng	99
70) Pentachlorophenol	16.851	266	1334567	92.003	ng	100
71) Phenanthrene	17.251	178	7450840	78.188	ng	99
72) Anthracene	17.345	178	7420971	81.264	ng	99
73) Carbazole	17.628	167	7209600	82.862	ng	98
74) Di-n-butylphthalate	18.216	149	8819030	86.868	ng	99
75) Fluoranthene	19.339	202	8868502	82.280	ng	99
77) Benzidine	19.533	184	1583965	72.794	ng	100
78) Pyrene	19.722	202	9100075	80.230	ng	99
80) Butylbenzylphthalate	20.669	149	4117551	94.735	ng	97
81) Benzo(a)anthracene	21.657	228	9075269	81.050	ng	98
82) 3,3'-Dichlorobenzidine	21.574	252	3216378	91.925	ng	99
83) Chrysene	21.721	228	8635685	79.981	ng	99
84) Bis(2-ethylhexyl)phtha...	21.592	149	6077881	92.215	ng	# 98
85) Di-n-octyl phthalate	22.898	149	10239008	97.189	ng	100
87) Indeno(1,2,3-cd)pyrene	28.962	276	11842118	84.301	ng	100
88) Benzo(b)fluoranthene	24.004	252	9984031	79.623	ng	98
89) Benzo(k)fluoranthene	24.080	252	9728938	79.712	ng	98
90) Benzo(a)pyrene	24.921	252	8860063	83.259	ng	99
91) Dibenzo(a,h)anthracene	29.039	278	9828241	83.210	ng	98
92) Benzo(g,h,i)perylene	30.180	276	9940803	82.940	ng	98

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

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

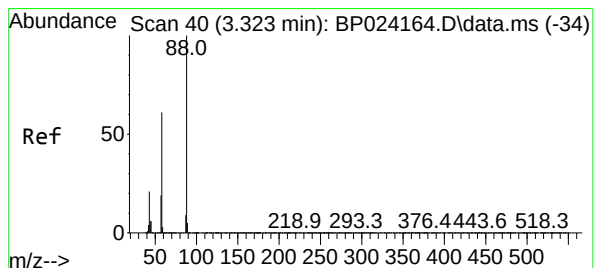
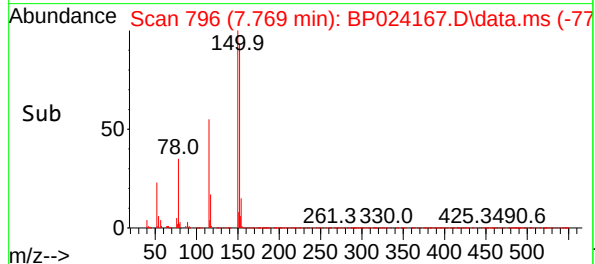
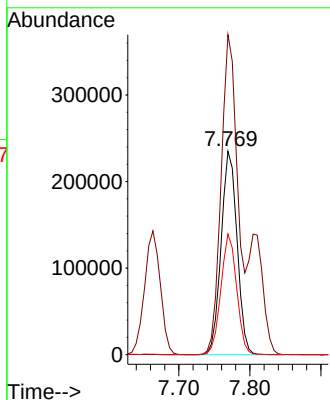
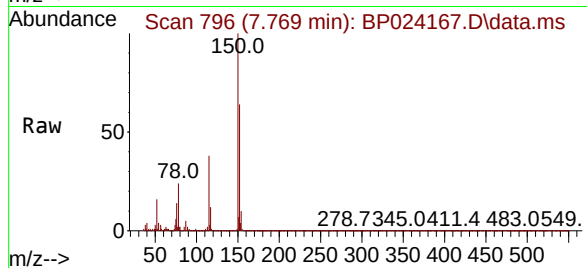
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 796
Delta R.T. 0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

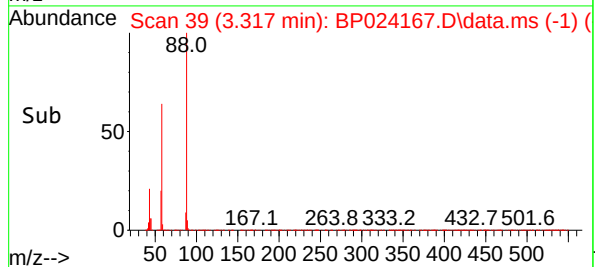
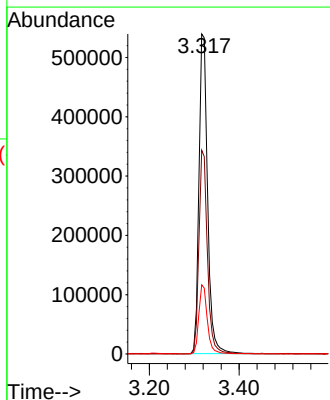
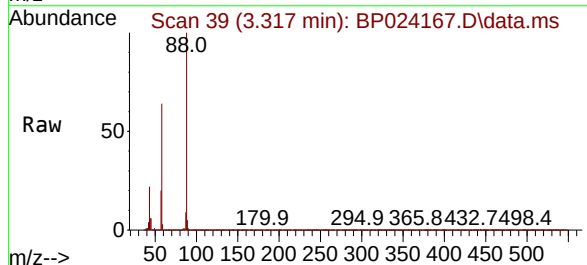
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BNA_P
ClientSampleId :
SSTDICC080

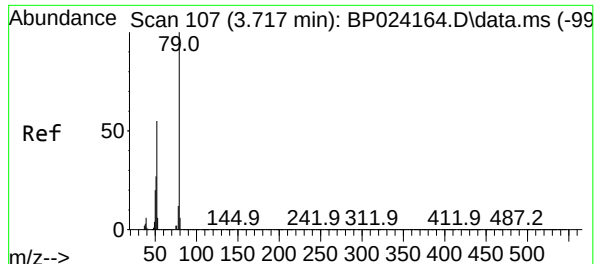
Tgt Ion:152 Resp: 364999
Ion Ratio Lower Upper
152 100
150 157.3 125.5 188.3
115 59.3 46.3 69.5



#2
1,4-Dioxane
Concen: 78.401 ng
RT: 3.317 min Scan# 39
Delta R.T. -0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion: 88 Resp: 719424
Ion Ratio Lower Upper
88 100
58 62.6 49.8 74.6
43 21.2 17.3 25.9

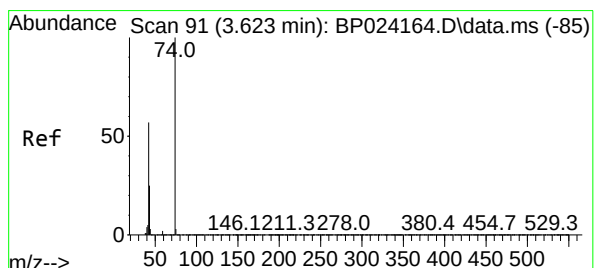
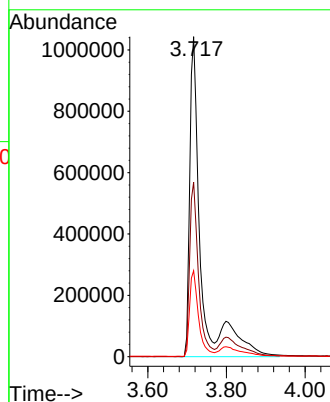
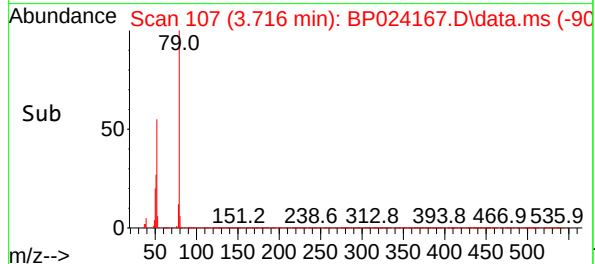
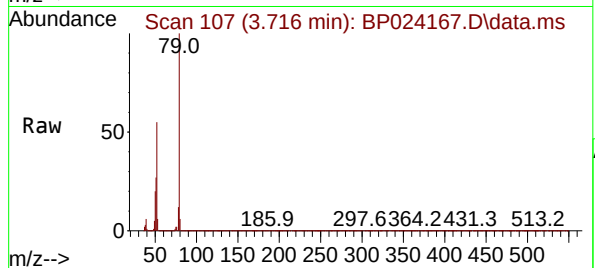




#3
Pyridine
Concen: 87.444 ng m
RT: 3.716 min Scan# 10
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

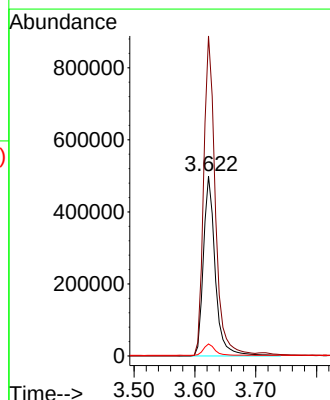
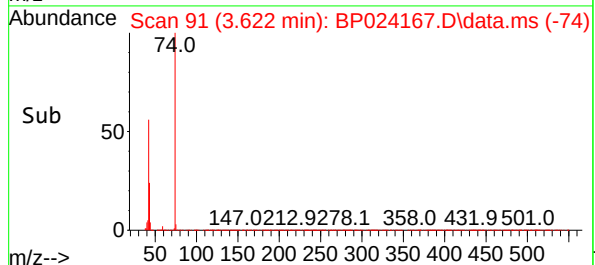
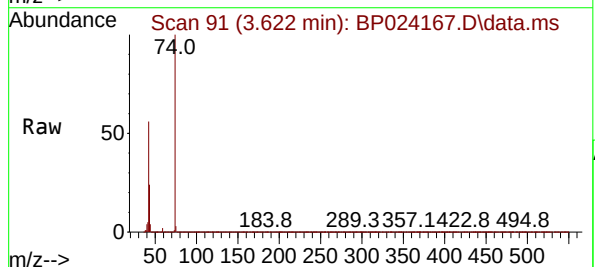
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BNA_P
ClientSampleId :
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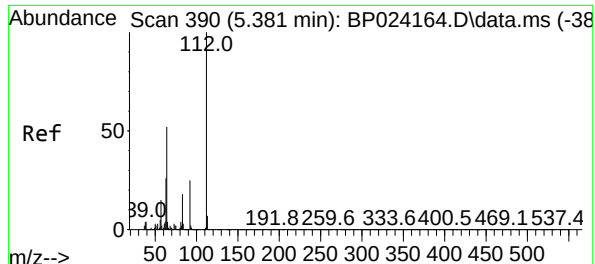
Tgt Ion: 79 Resp: 2086180
Ion Ratio Lower Upper
79 100
52 54.6 43.8 65.8
51 26.9 21.6 32.4



#4
n-Nitrosodimethylamine
Concen: 79.479 ng
RT: 3.622 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion: 42 Resp: 672598
Ion Ratio Lower Upper
42 100
74 177.9 139.8 209.6
44 6.7 5.3 7.9

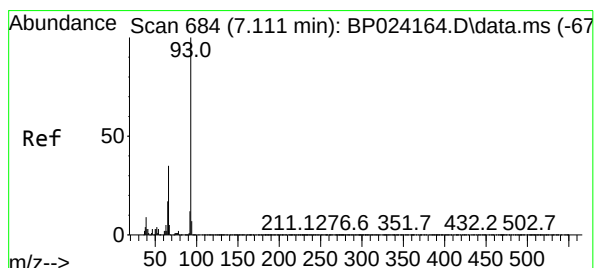
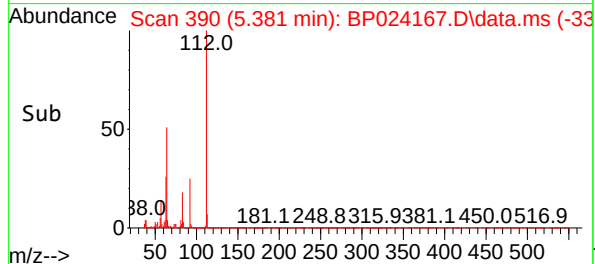
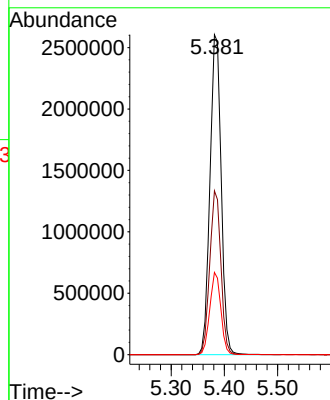
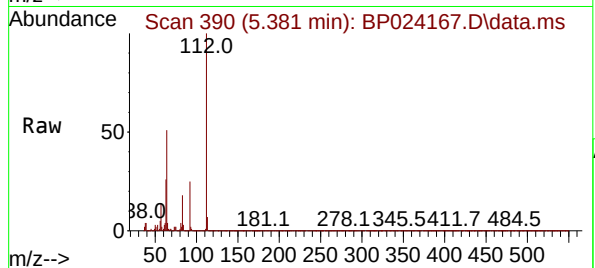




#5
2-Fluorophenol
Concen: 162.591 ng
RT: 5.381 min Scan# 390
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

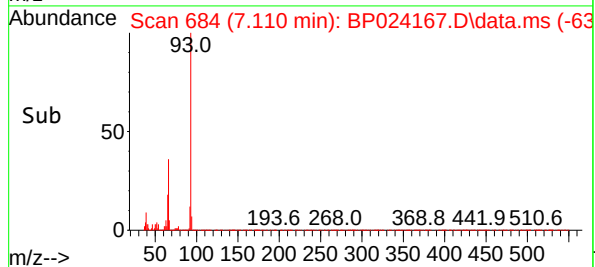
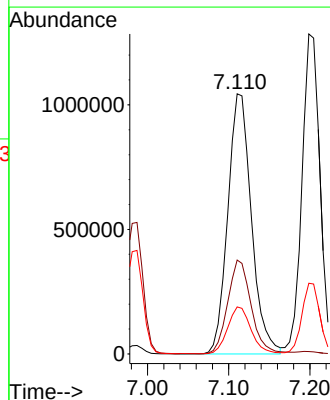
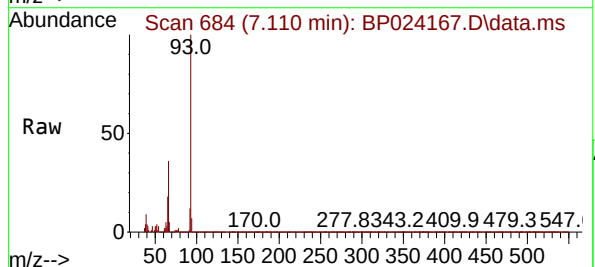
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BNA_P
ClientSampleId :
SSTDICC080

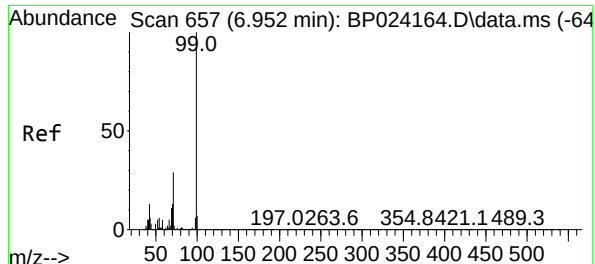
Tgt Ion:112 Resp: 3803317
Ion Ratio Lower Upper
112 100
64 51.2 41.3 61.9
63 25.7 20.6 31.0



#6
Aniline
Concen: 76.717 ng
RT: 7.110 min Scan# 684
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion: 93 Resp: 2112268
Ion Ratio Lower Upper
93 100
66 36.1 28.2 42.2
65 18.1 14.0 21.0





#7

Phenol-d6

Concen: 169.796 ng

RT: 6.957 min Scan# 657

Delta R.T. 0.006 min

Lab File: BP024167.D

Acq: 12 Mar 2025 21:02

Instrument :

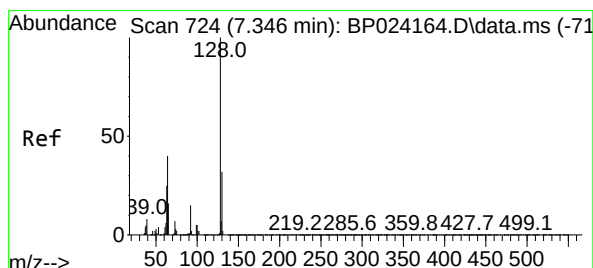
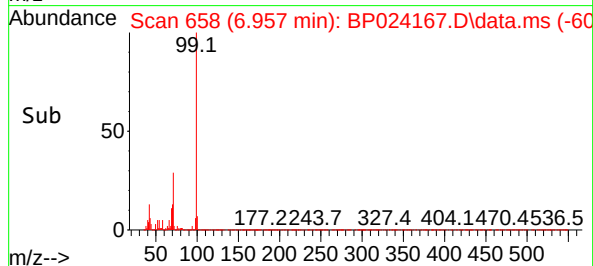
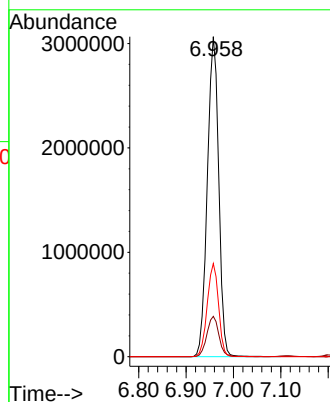
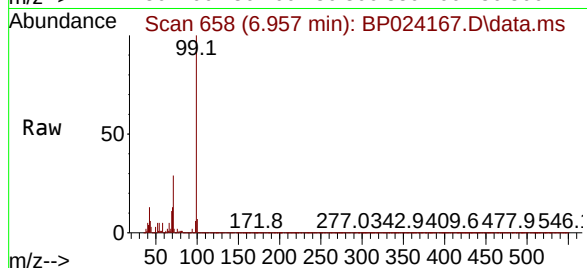
BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion: 99 Resp: 5104893

Ion	Ratio	Lower	Upper
99	100		
42	12.6	10.6	16.0
71	29.1	23.3	34.9



#8

2-Chlorophenol

Concen: 82.376 ng

RT: 7.346 min Scan# 724

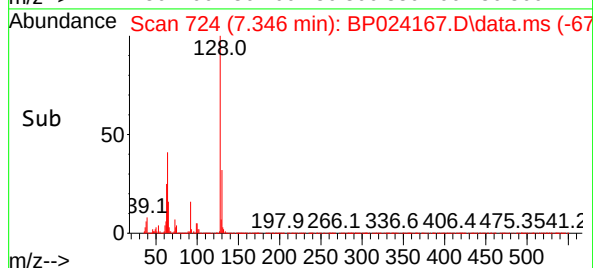
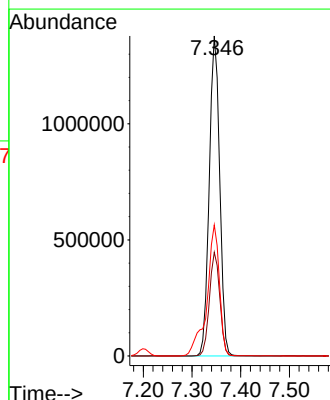
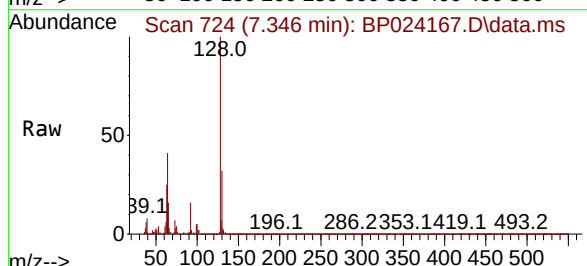
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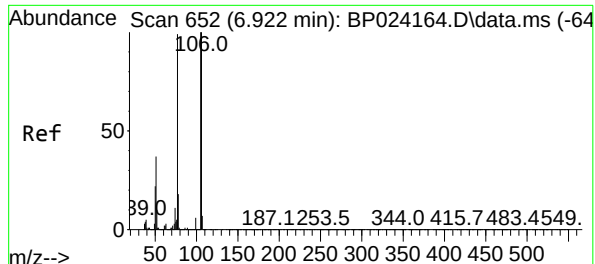
Lab File: BP024167.D

Acq: 12 Mar 2025 21:02

Tgt Ion:128 Resp: 2039550

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.0	52.0
64	41.0	21.6	61.6

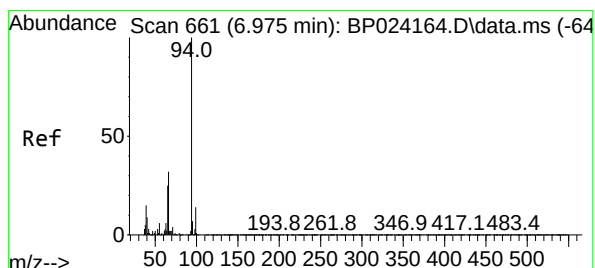
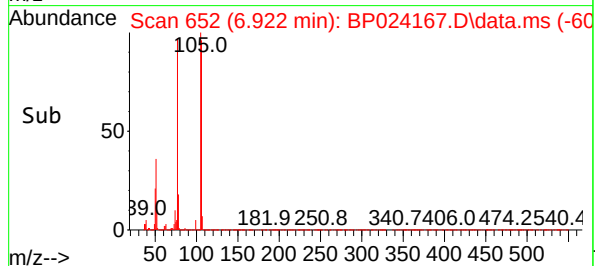
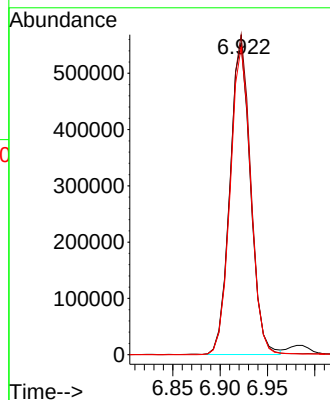
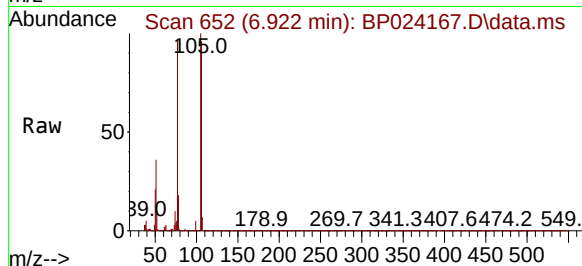




#9
Benzaldehyde
Concen: 61.412 ng
RT: 6.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

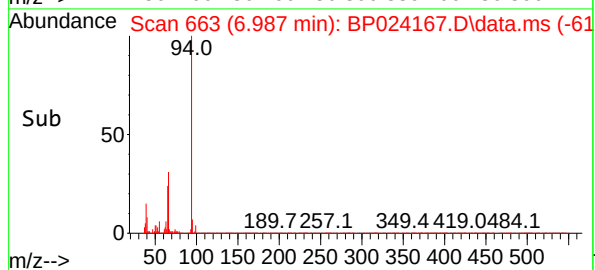
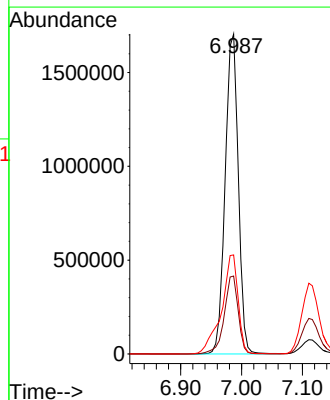
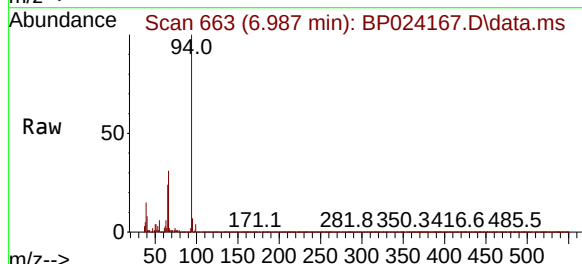
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

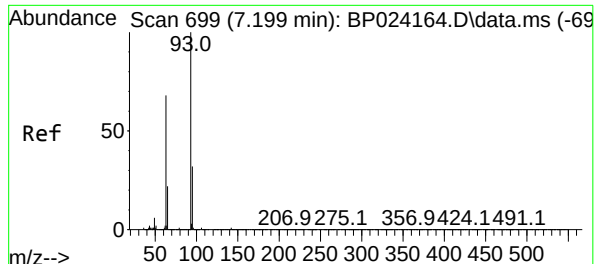
Tgt Ion: 77 Resp: 842969
Ion Ratio Lower Upper
77 100
105 102.7 81.4 121.4
106 98.8 81.1 121.1



#10
Phenol
Concen: 84.573 ng
RT: 6.987 min Scan# 663
Delta R.T. 0.012 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion: 94 Resp: 2556863
Ion Ratio Lower Upper
94 100
65 24.4 4.9 44.9
66 31.0 11.9 51.9



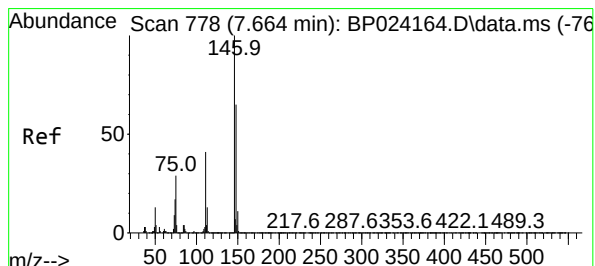
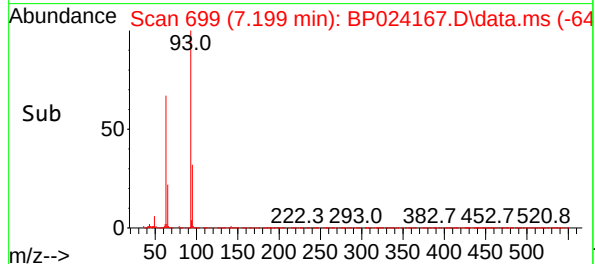
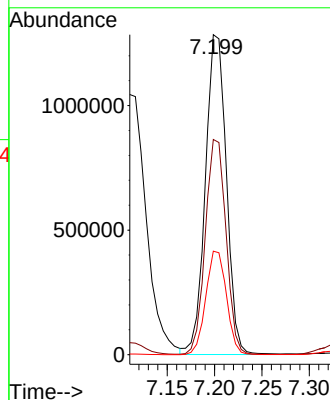
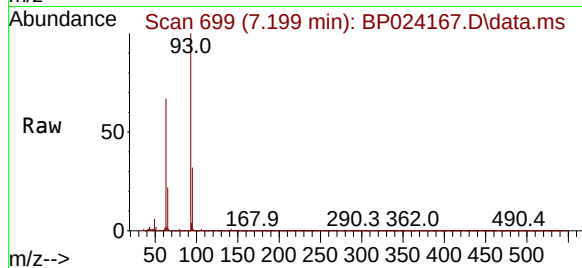


#11
bis(2-Chloroethyl)ether
Concen: 83.121 ng
RT: 7.199 min Scan# 699
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 93 Resp: 1979282

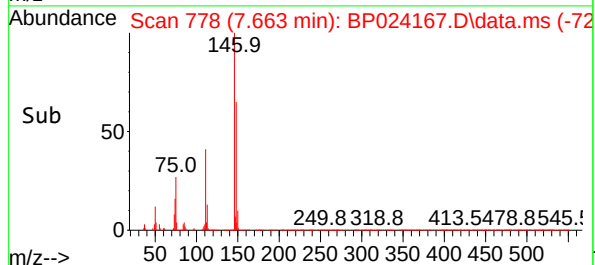
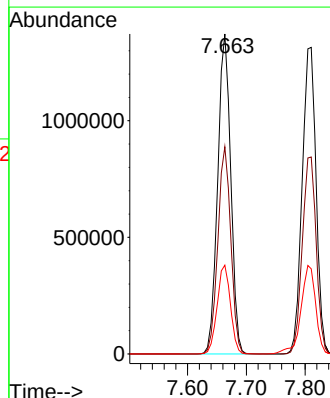
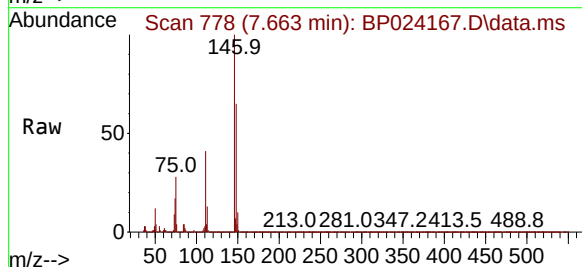
Ion	Ratio	Lower	Upper
93	100		
63	67.3	47.4	87.4
95	32.3	12.1	52.1

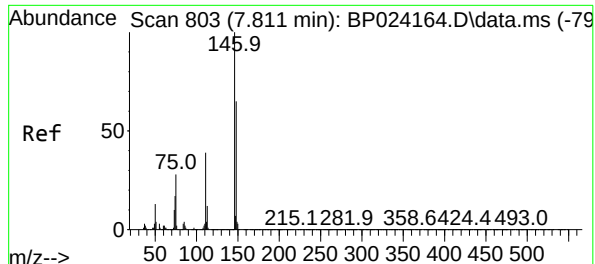


#12
1,3-Dichlorobenzene
Concen: 77.577 ng
RT: 7.663 min Scan# 778
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion: 146 Resp: 2110081

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.6	77.4
75	27.8	22.8	34.2





#13

1,4-Dichlorobenzene

Concen: 78.507 ng

RT: 7.810 min Scan# 803

Delta R.T. -0.000 min

Lab File: BP024167.D

Acq: 12 Mar 2025 21:02

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

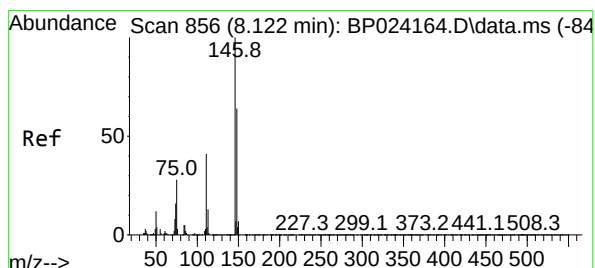
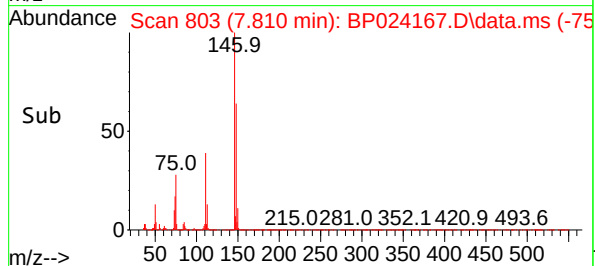
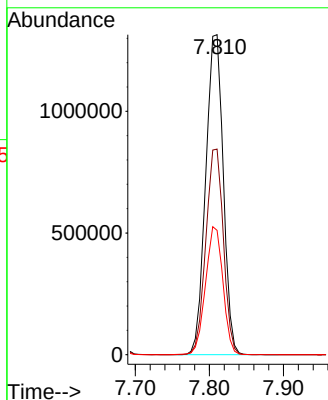
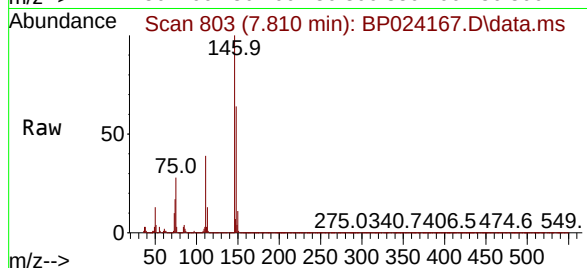
Tgt Ion:146 Resp: 2159502

Ion Ratio Lower Upper

146 100

148 64.2 51.9 77.9

111 38.9 31.4 47.2



#14

1,2-Dichlorobenzene

Concen: 78.042 ng

RT: 8.122 min Scan# 856

Delta R.T. -0.000 min

Lab File: BP024167.D

Acq: 12 Mar 2025 21:02

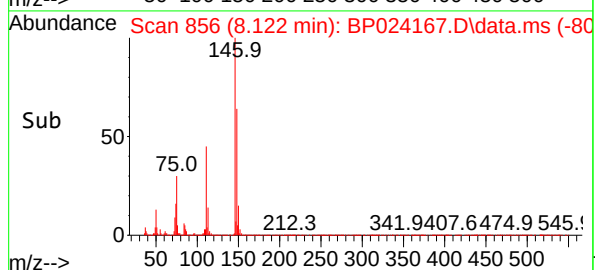
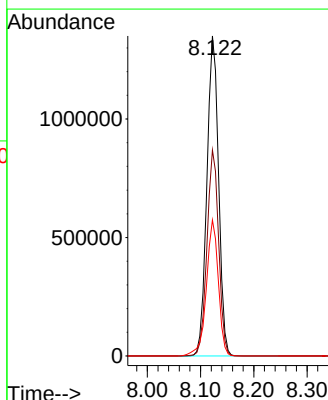
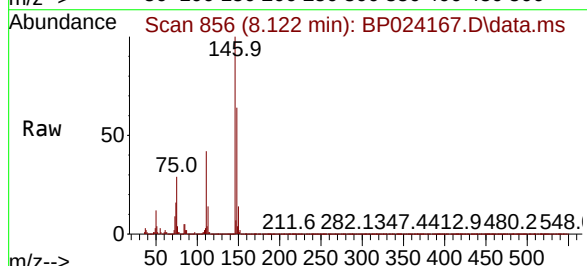
Tgt Ion:146 Resp: 2060216

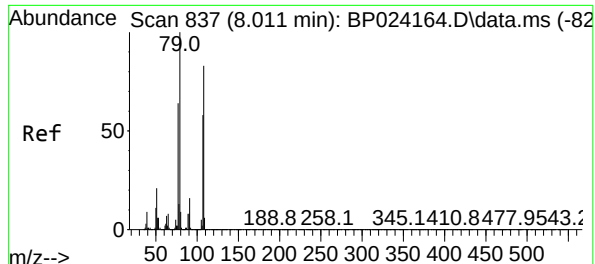
Ion Ratio Lower Upper

146 100

148 64.3 51.4 77.2

111 42.5 33.2 49.8





#15

Benzyl Alcohol

Concen: 90.370 ng

RT: 8.010 min Scan# 81

Delta R.T. -0.000 min

Lab File: BP024167.D

Acq: 12 Mar 2025 21:02

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

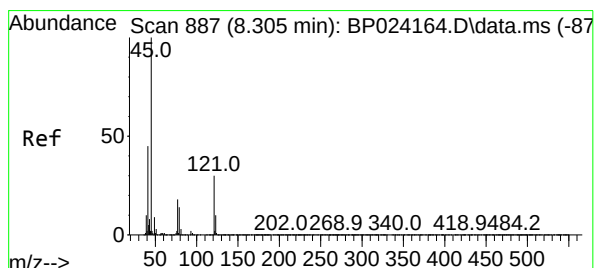
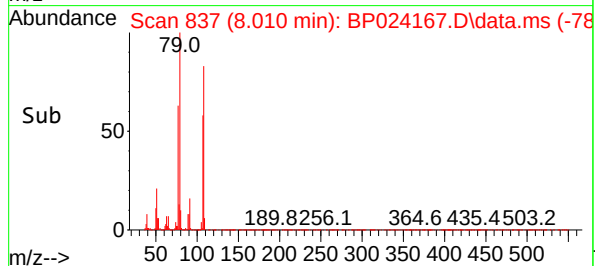
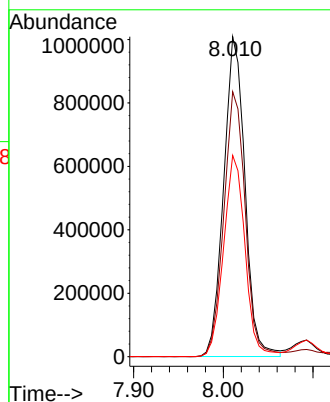
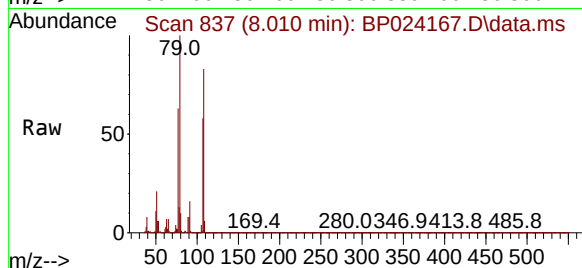
Tgt Ion: 79 Resp: 1663098

Ion Ratio Lower Upper

79 100

108 82.8 66.5 99.7

77 62.9 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 84.398 ng

RT: 8.299 min Scan# 886

Delta R.T. -0.006 min

Lab File: BP024167.D

Acq: 12 Mar 2025 21:02

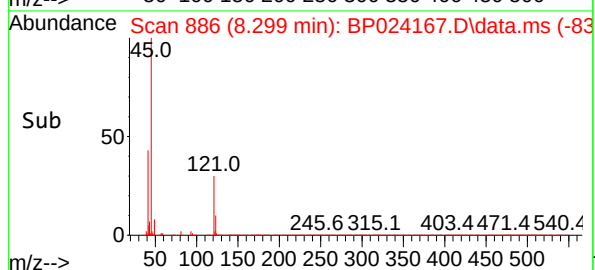
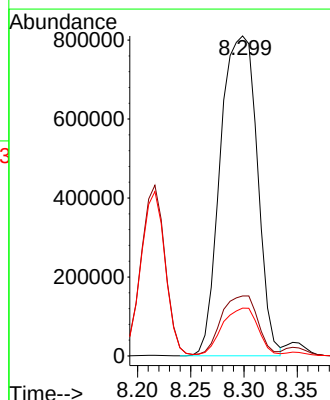
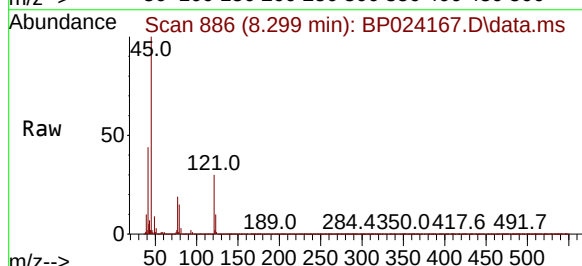
Tgt Ion: 45 Resp: 1950889

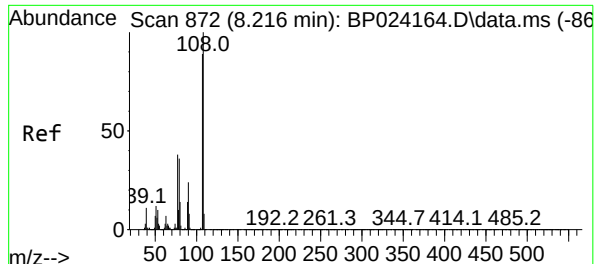
Ion Ratio Lower Upper

45 100

77 18.8 0.0 39.0

79 15.0 0.0 35.6





#17

2-Methylphenol

Concen: 87.877 ng

RT: 8.216 min Scan# 81

Delta R.T. -0.000 min

Lab File: BP024167.D

Acq: 12 Mar 2025 21:02

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:107 Resp: 1619006

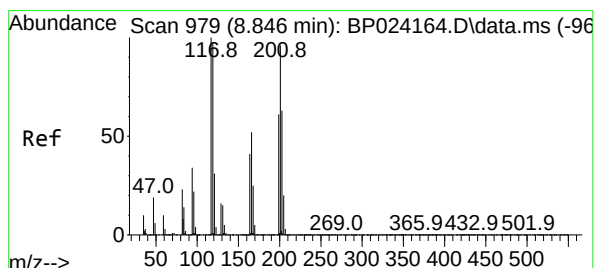
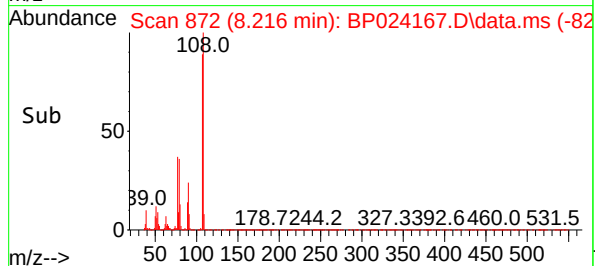
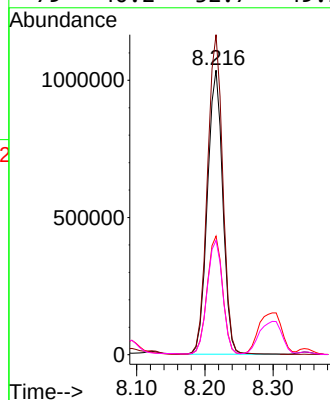
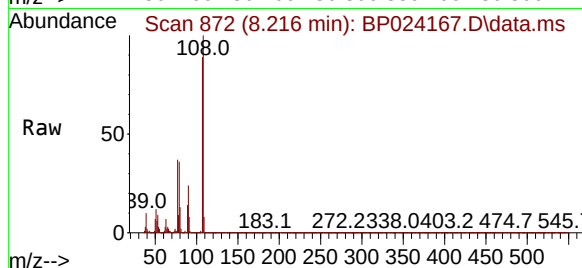
Ion Ratio Lower Upper

107 100

108 112.5 90.0 135.0

77 41.7 34.0 51.0

79 40.2 32.7 49.1



#18

Hexachloroethane

Concen: 78.037 ng

RT: 8.846 min Scan# 979

Delta R.T. -0.000 min

Lab File: BP024167.D

Acq: 12 Mar 2025 21:02

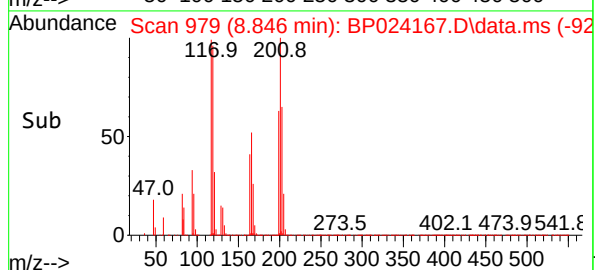
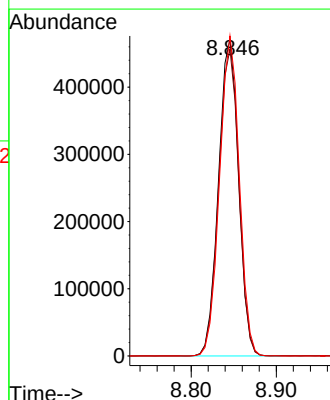
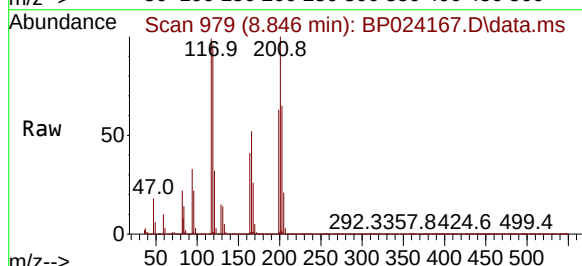
Tgt Ion:117 Resp: 773060

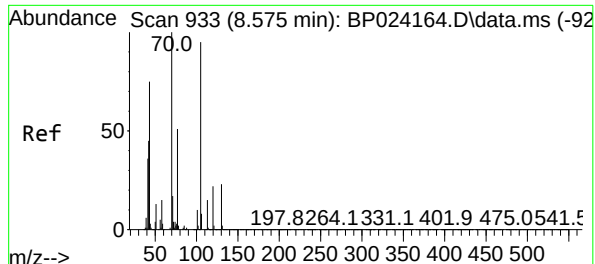
Ion Ratio Lower Upper

117 100

119 96.8 77.4 116.0

201 101.0 76.6 114.8





#19

n-Nitroso-di-n-propylamine

Concen: 90.027 ng

RT: 8.575 min Scan# 91

Delta R.T. -0.000 min

Lab File: BP024167.D

Acq: 12 Mar 2025 21:02

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion: 70 Resp: 1455297

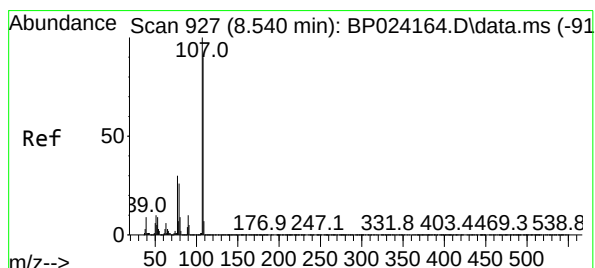
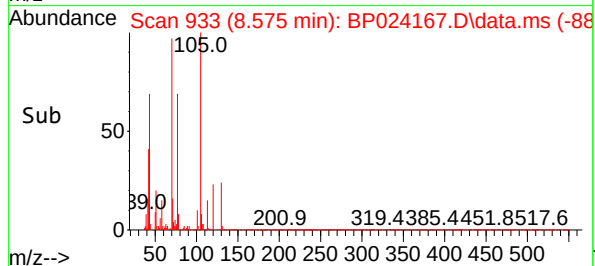
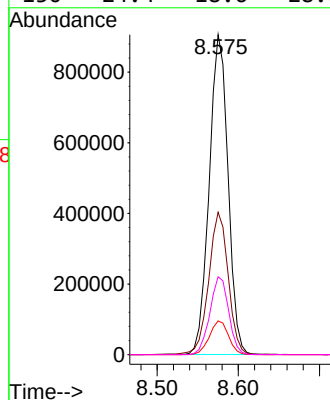
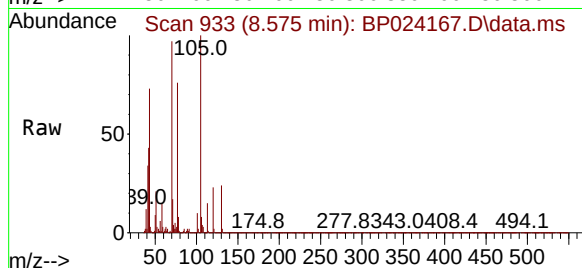
Ion Ratio Lower Upper

70 100

42 44.5 36.0 54.0

101 10.6 8.3 12.5

130 24.4 18.6 28.0



#20

3+4-Methylphenols

Concen: 89.384 ng

RT: 8.546 min Scan# 928

Delta R.T. 0.006 min

Lab File: BP024167.D

Acq: 12 Mar 2025 21:02

Tgt Ion: 107 Resp: 2240243

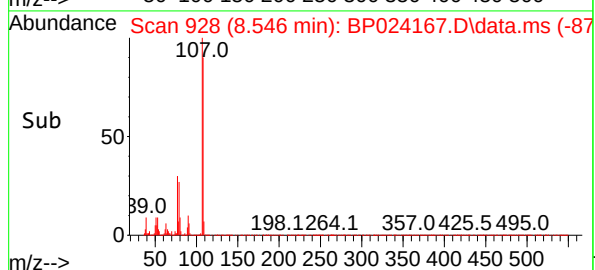
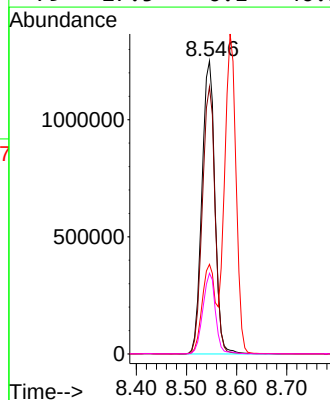
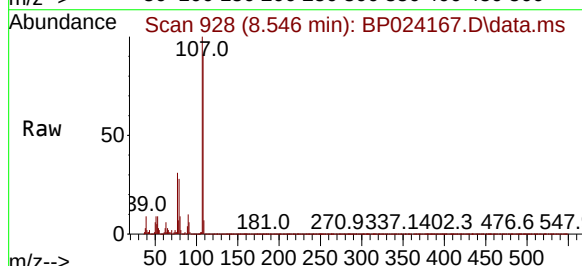
Ion Ratio Lower Upper

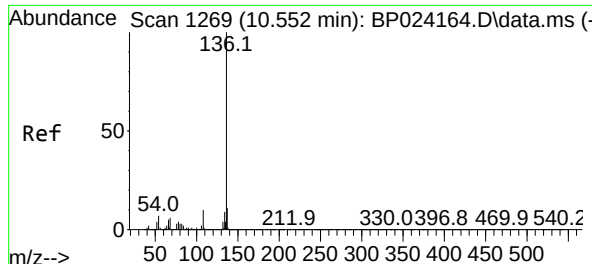
107 100

108 91.2 69.7 109.7

77 30.6 10.3 50.3

79 27.5 6.1 46.1

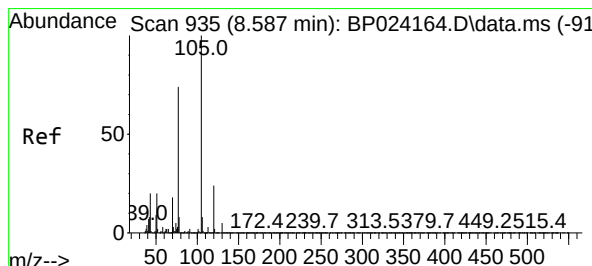
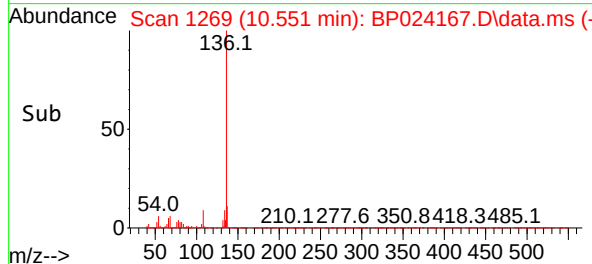
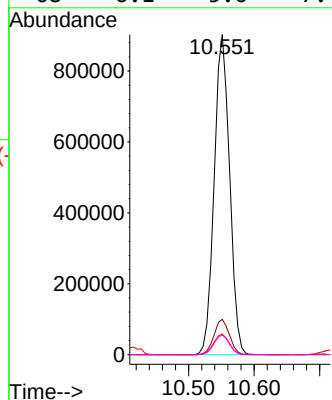
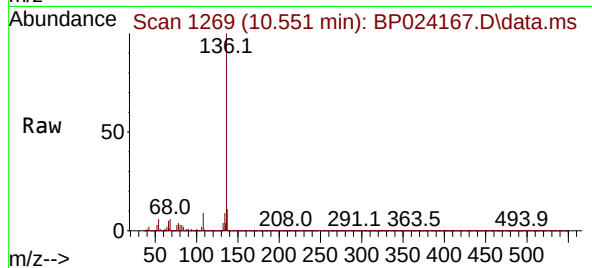




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.551 min Scan# 1269
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

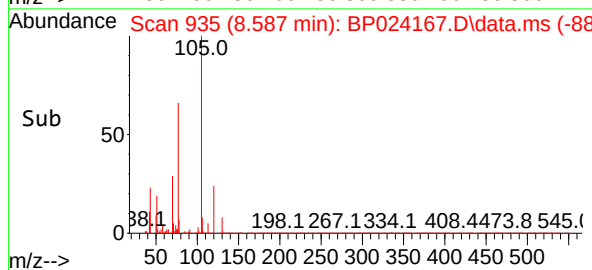
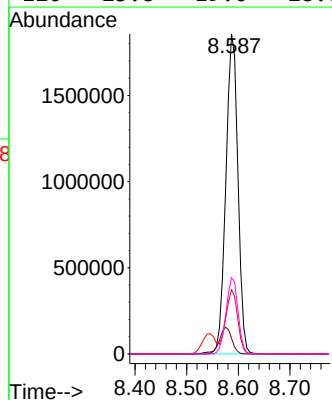
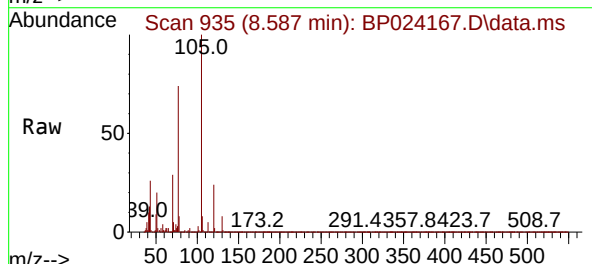
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

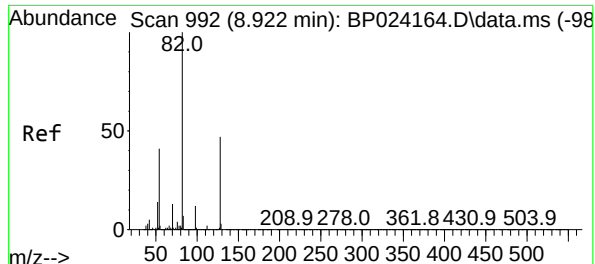
Tgt Ion:136 Resp: 1468727
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 6.5 5.3 7.9
68 6.1 5.0 7.4



#22
Acetophenone
Concen: 79.697 ng
RT: 8.587 min Scan# 935
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:105 Resp: 3007941
Ion Ratio Lower Upper
105 100
71 4.9 2.4 3.6#
51 20.0 16.2 24.2
120 23.8 19.0 28.6

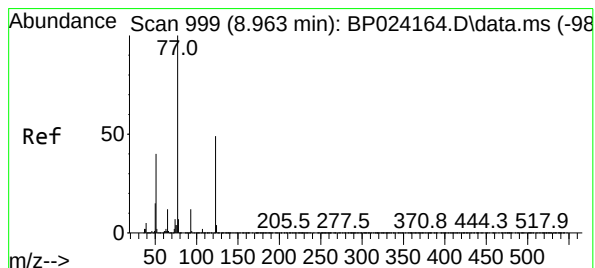
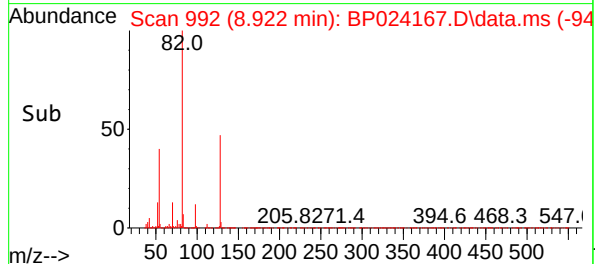
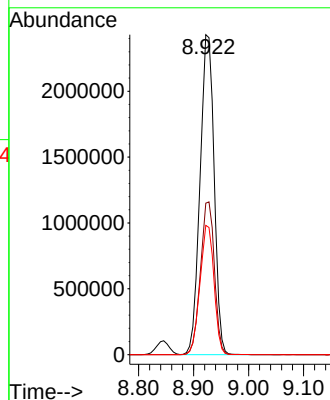
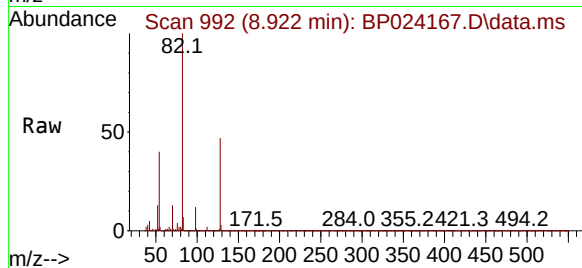




#23
Nitrobenzene-d5
Concen: 163.878 ng
RT: 8.922 min Scan# 992
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

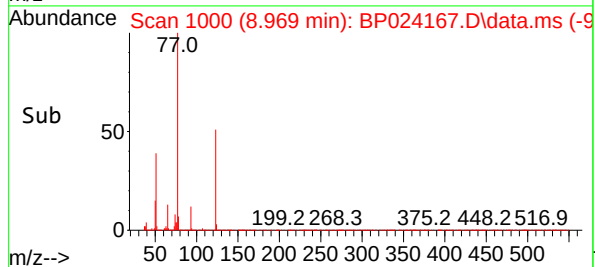
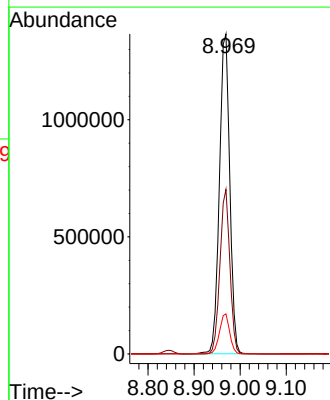
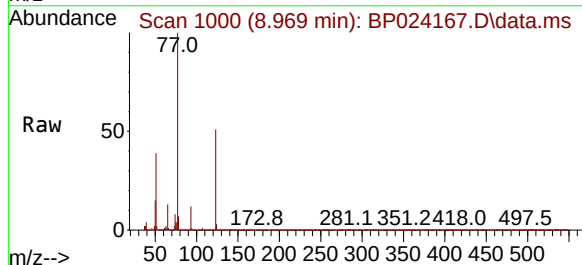
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

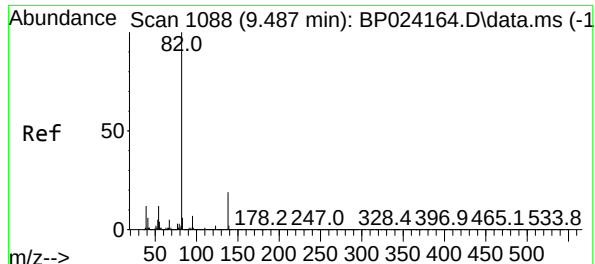
Tgt Ion: 82 Resp: 4314346
Ion Ratio Lower Upper
82 100
128 47.4 37.4 56.0
54 40.4 32.5 48.7



#24
Nitrobenzene
Concen: 81.768 ng
RT: 8.969 min Scan# 1000
Delta R.T. 0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion: 77 Resp: 2118548
Ion Ratio Lower Upper
77 100
123 51.4 39.4 59.2
65 12.5 9.9 14.9





#25

Isophorone

Concen: 88.570 ng

RT: 9.493 min Scan# 1089

Delta R.T. 0.006 min

Lab File: BP024167.D

Acq: 12 Mar 2025 21:02

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

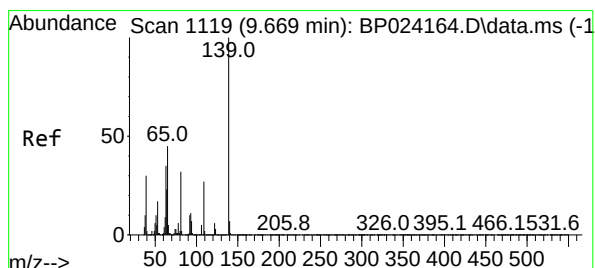
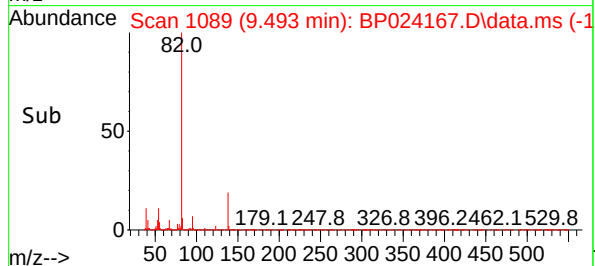
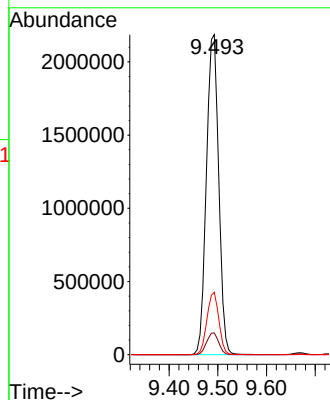
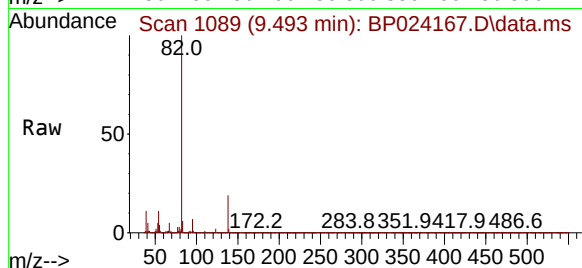
Tgt Ion: 82 Resp: 3813082

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 19.5 14.8 22.2



#26

2-Nitrophenol

Concen: 94.646 ng

RT: 9.669 min Scan# 1119

Delta R.T. -0.000 min

Lab File: BP024167.D

Acq: 12 Mar 2025 21:02

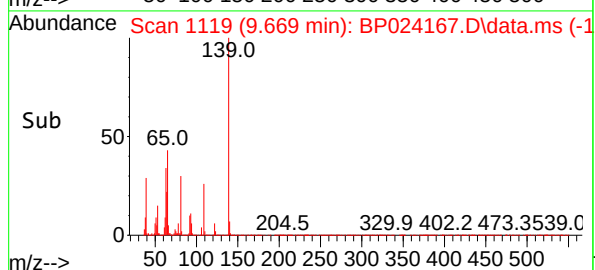
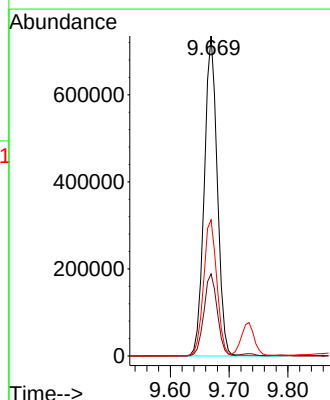
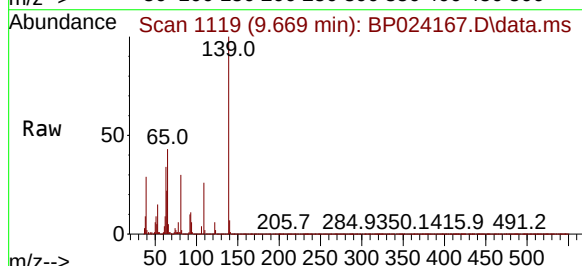
Tgt Ion: 139 Resp: 1129770

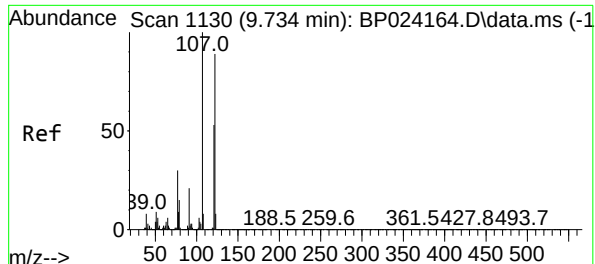
Ion Ratio Lower Upper

139 100

109 25.7 21.7 32.5

65 42.6 35.8 53.8





#27

2,4-Dimethylphenol

Concen: 86.904 ng

RT: 9.734 min Scan# 1130

Delta R.T. -0.000 min

Lab File: BP024167.D

Acq: 12 Mar 2025 21:02

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

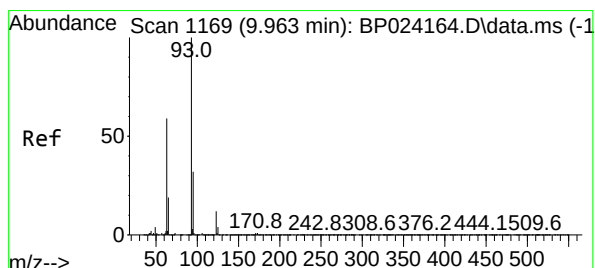
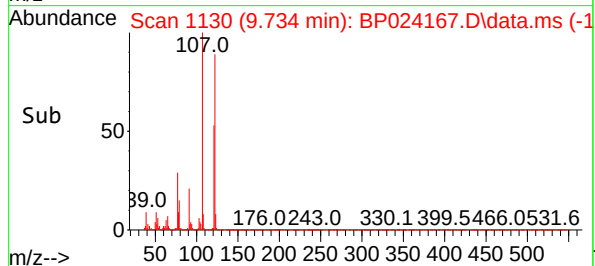
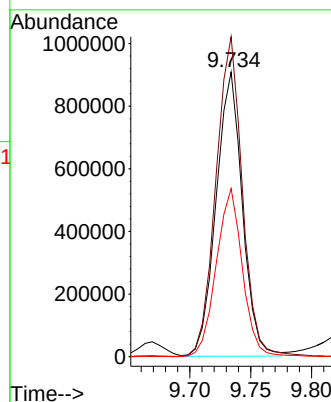
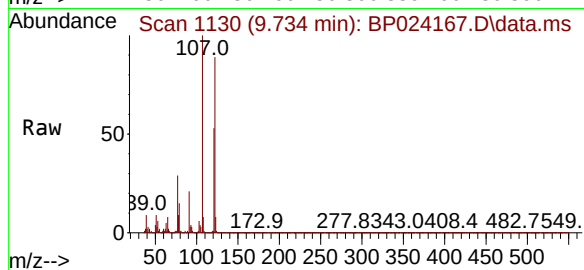
Tgt Ion:122 Resp: 1361694

Ion Ratio Lower Upper

122 100

107 112.4 89.3 133.9

121 59.0 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 82.625 ng

RT: 9.963 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BP024167.D

Acq: 12 Mar 2025 21:02

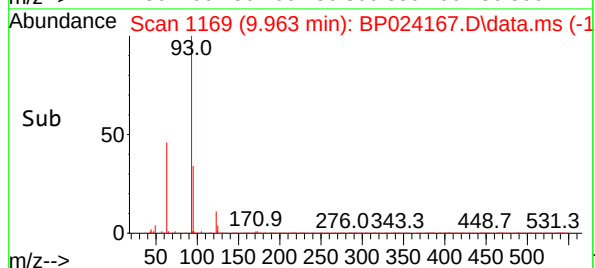
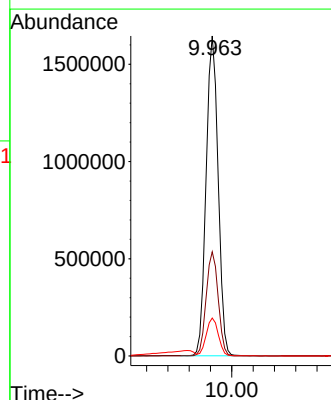
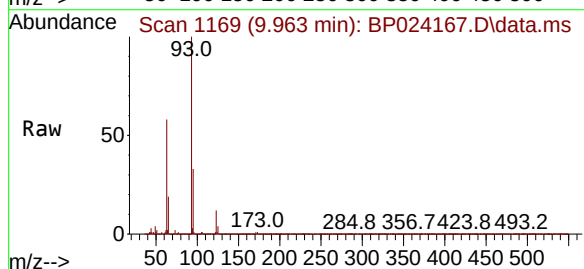
Tgt Ion: 93 Resp: 2576867

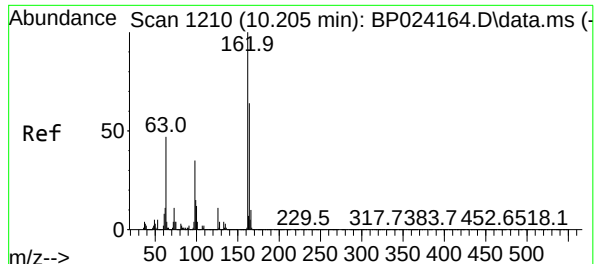
Ion Ratio Lower Upper

93 100

95 32.6 25.9 38.9

123 11.8 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 87.724 ng

RT: 10.204 min Scan# 1210

Delta R.T. -0.000 min

Lab File: BP024167.D

Acq: 12 Mar 2025 21:02

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

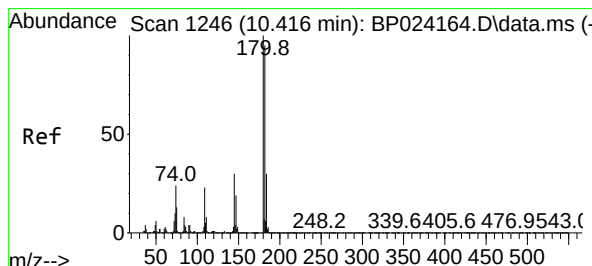
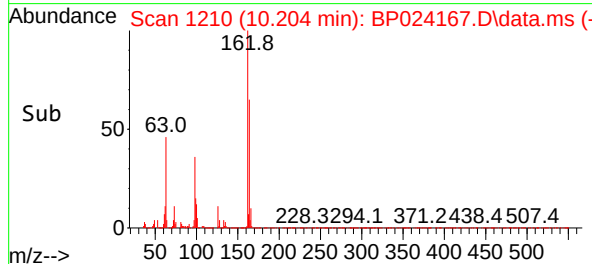
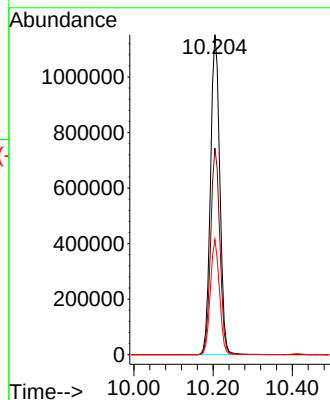
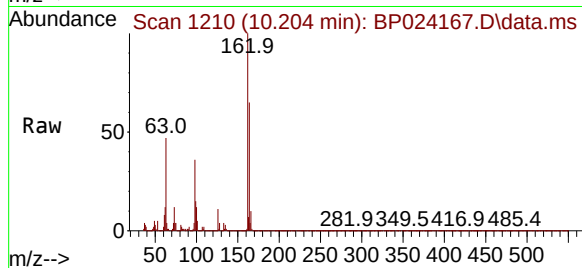
Tgt Ion:162 Resp: 1875825

Ion Ratio Lower Upper

162 100

164 64.5 44.2 84.2

98 36.0 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 79.431 ng

RT: 10.416 min Scan# 1246

Delta R.T. -0.000 min

Lab File: BP024167.D

Acq: 12 Mar 2025 21:02

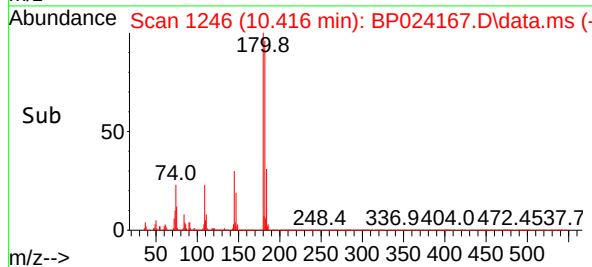
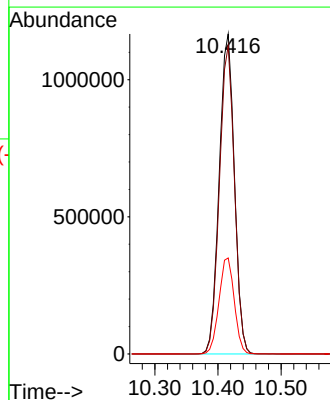
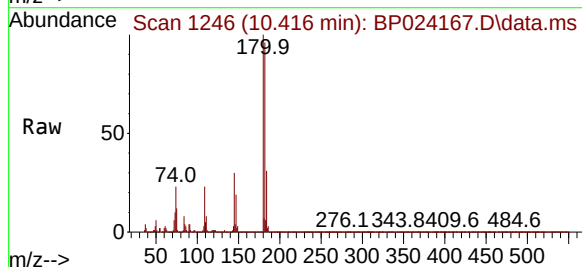
Tgt Ion:180 Resp: 1946046

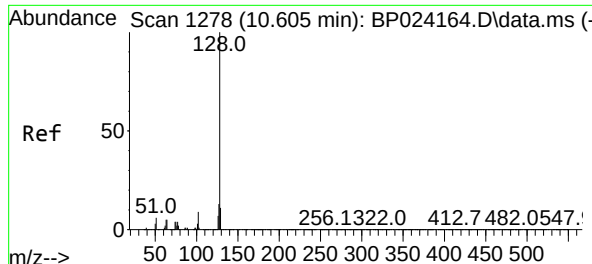
Ion Ratio Lower Upper

180 100

182 96.3 76.1 114.1

145 30.0 24.2 36.2

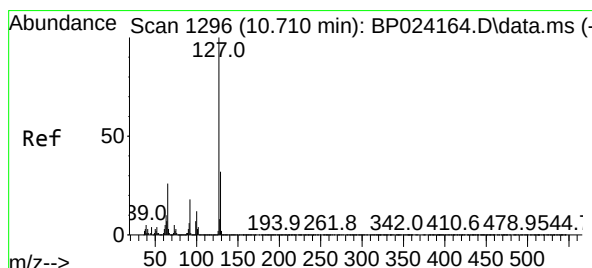
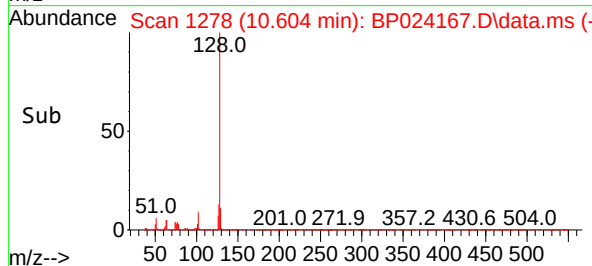
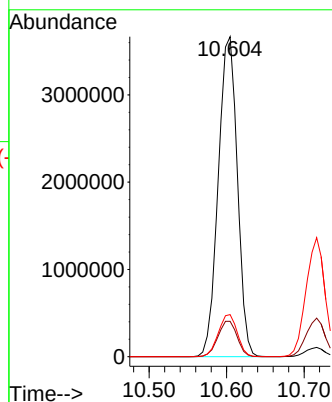
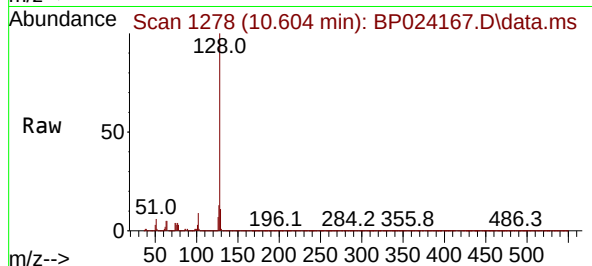




#31
Naphthalene
Concen: 79.507 ng
RT: 10.604 min Scan# 1278
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

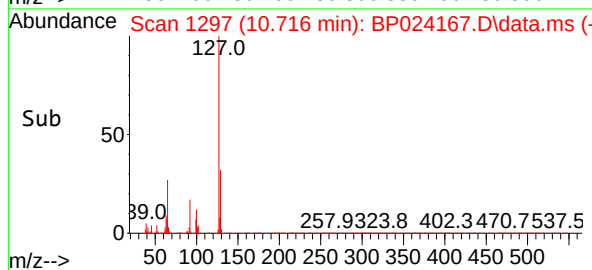
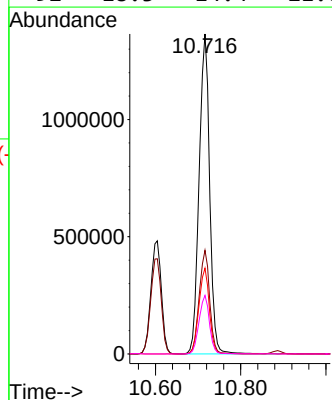
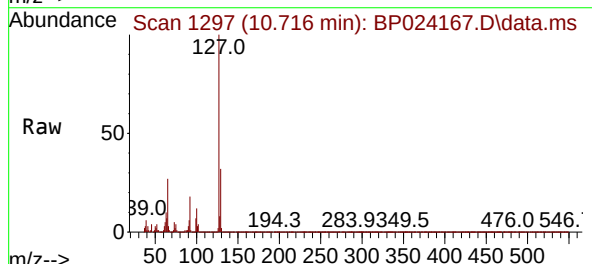
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

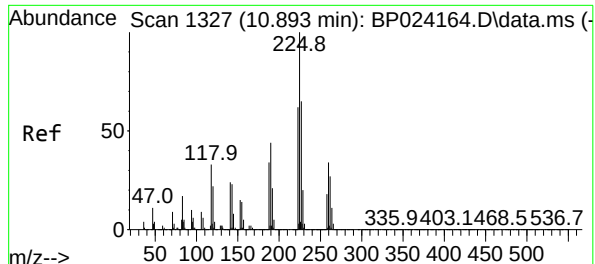
Tgt Ion:128 Resp: 6278869
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.2 10.4 15.6



#33
4-Chloroaniline
Concen: 83.990 ng
RT: 10.716 min Scan# 1297
Delta R.T. 0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:127 Resp: 2336710
Ion Ratio Lower Upper
127 100
129 32.4 25.8 38.6
65 26.8 21.2 31.8
92 18.3 14.4 21.6

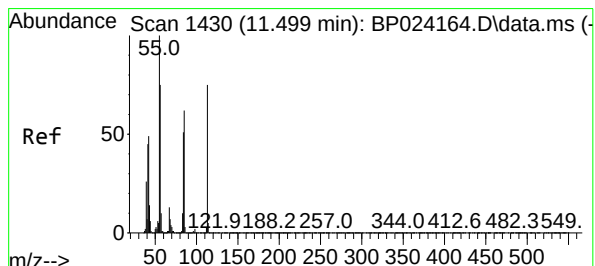
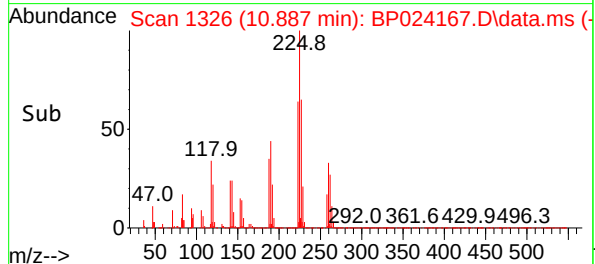
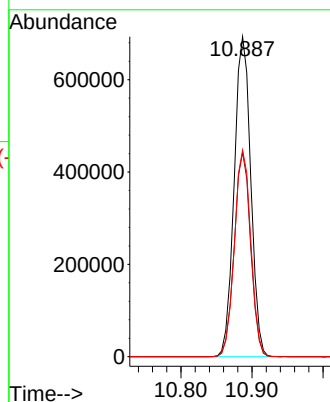
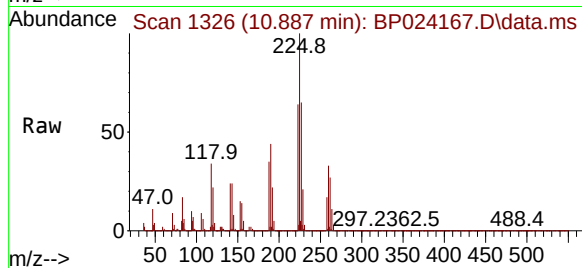




#34
Hexachlorobutadiene
Concen: 79.213 ng
RT: 10.887 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

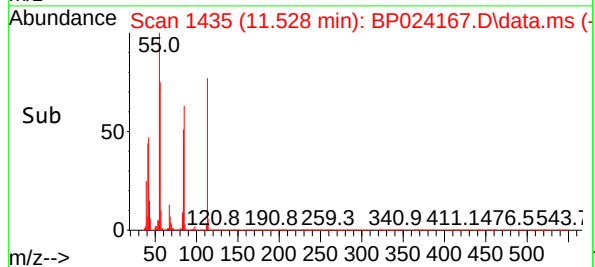
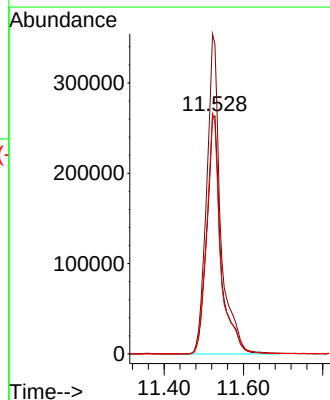
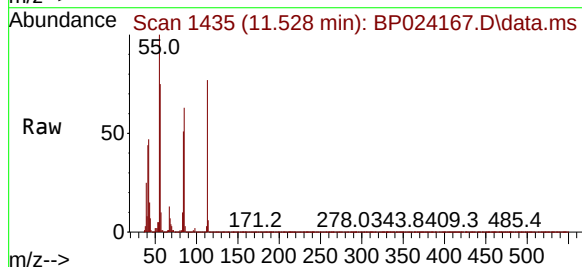
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

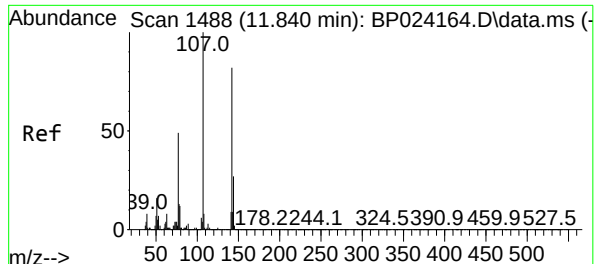
Tgt Ion:225 Resp: 1124081
Ion Ratio Lower Upper
225 100
223 63.9 49.9 74.9
227 64.6 52.2 78.2



#35
Caprolactam
Concen: 101.156 ng
RT: 11.528 min Scan# 1435
Delta R.T. 0.029 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:113 Resp: 654999
Ion Ratio Lower Upper
113 100
55 130.2 113.6 153.6
56 97.1 80.0 120.0

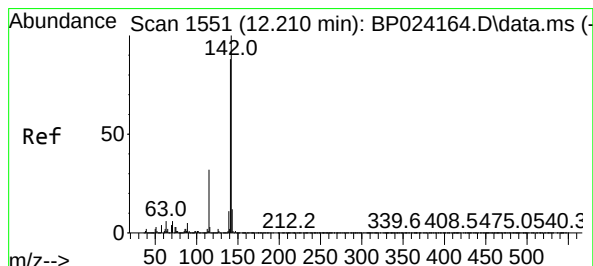
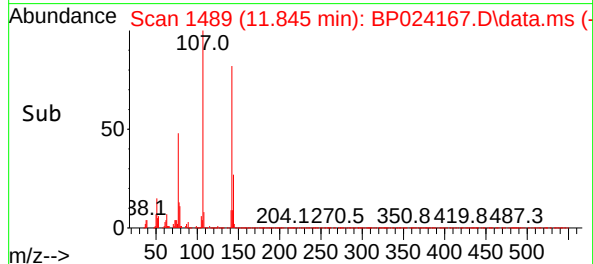
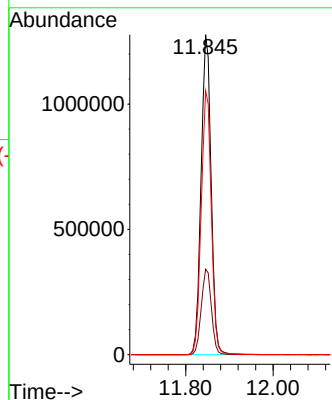
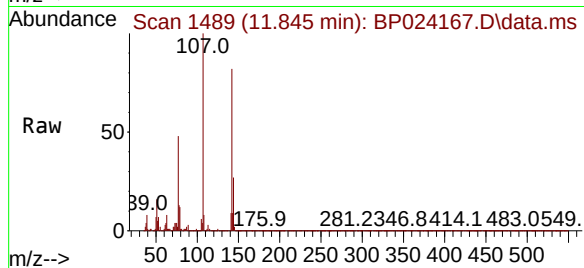




#36
4-Chloro-3-methylphenol
Concen: 92.924 ng
RT: 11.845 min Scan# 1488
Delta R.T. 0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

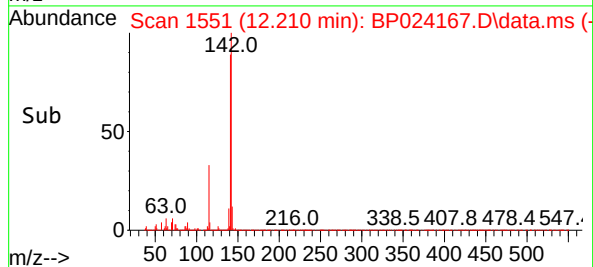
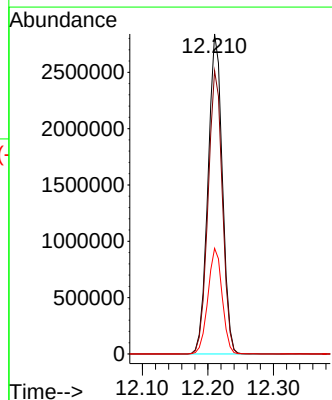
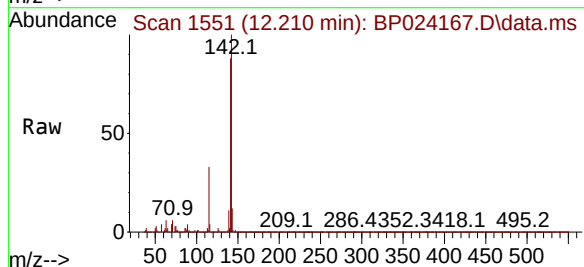
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

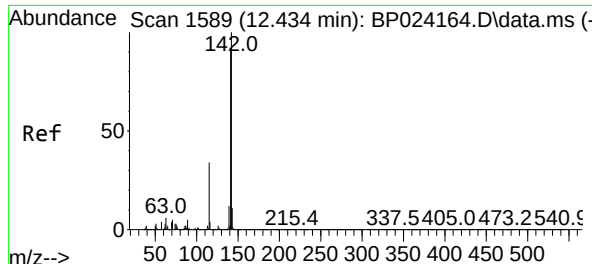
Tgt Ion:107 Resp: 2042687
Ion Ratio Lower Upper
107 100
144 26.7 21.6 32.4
142 82.4 65.4 98.0



#37
2-Methylnaphthalene
Concen: 82.244 ng
RT: 12.210 min Scan# 1551
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:142 Resp: 4316966
Ion Ratio Lower Upper
142 100
141 88.5 70.3 105.5
115 33.0 26.0 39.0

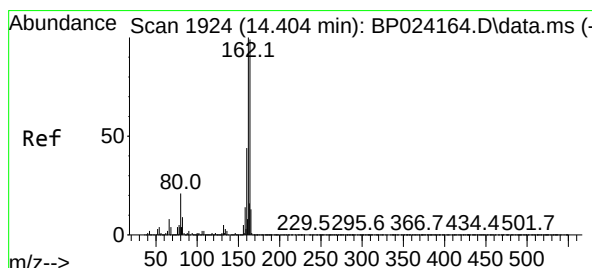
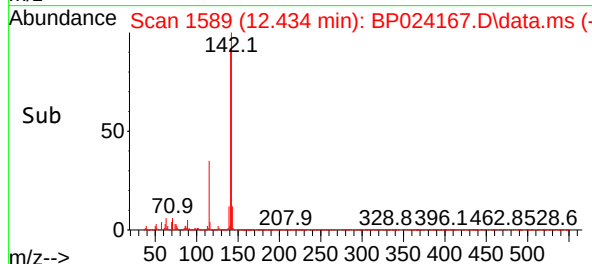
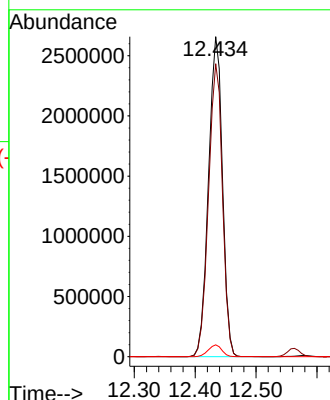
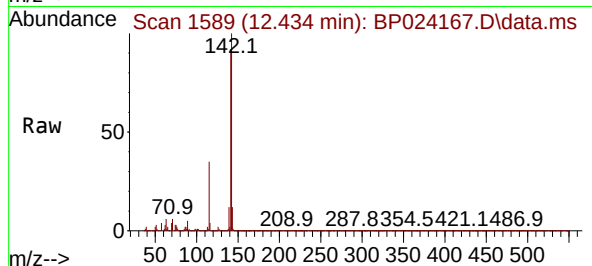




#38
1-Methylnaphthalene
Concen: 82.791 ng
RT: 12.434 min Scan# 1589
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

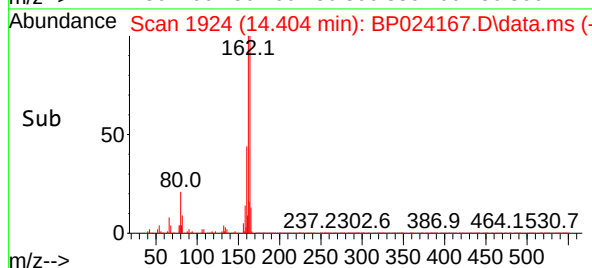
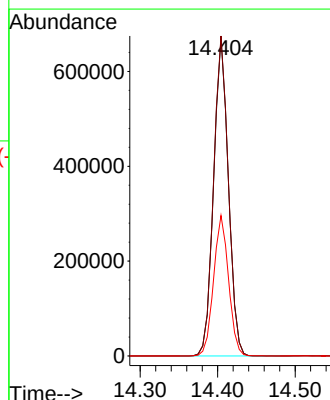
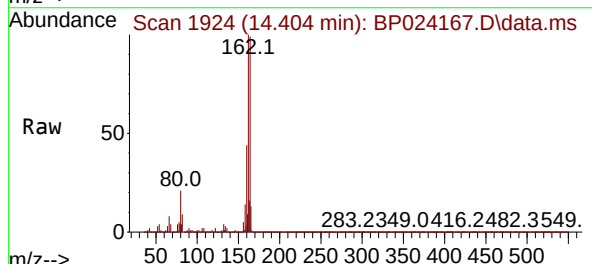
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

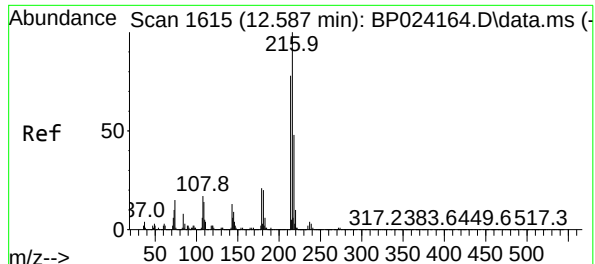
Tgt Ion:142 Resp: 4227550
Ion Ratio Lower Upper
142 100
141 91.6 73.9 110.9
116 3.7 2.8 4.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.404 min Scan# 1924
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:164 Resp: 888748
Ion Ratio Lower Upper
164 100
162 100.5 80.6 121.0
160 44.1 35.4 53.2



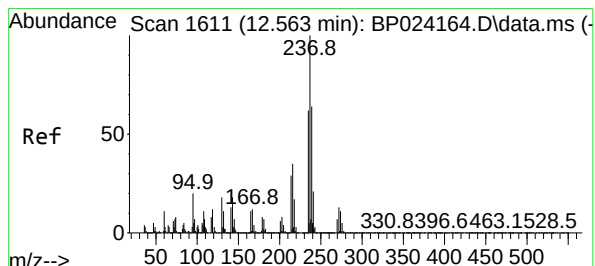
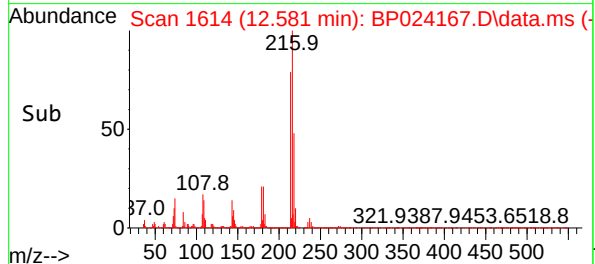
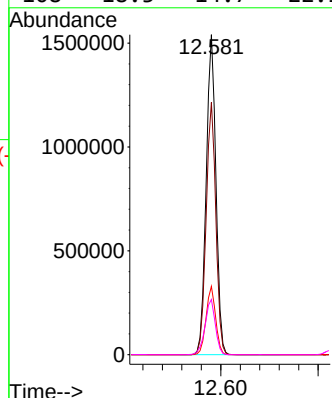
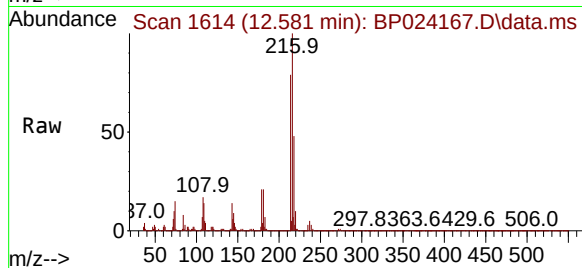


#40
1,2,4,5-Tetrachlorobenzene
Concen: 77.644 ng
RT: 12.581 min Scan# 1614
Delta R.T. -0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:216 Resp: 2120251

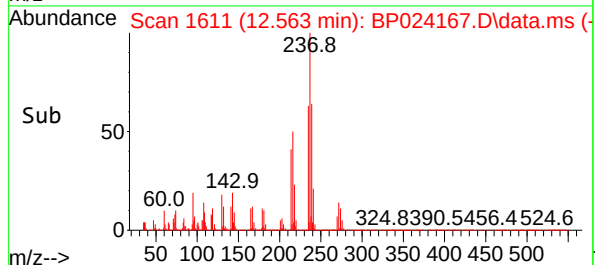
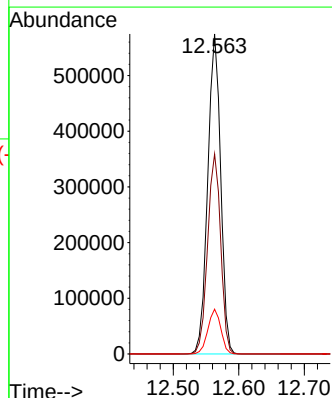
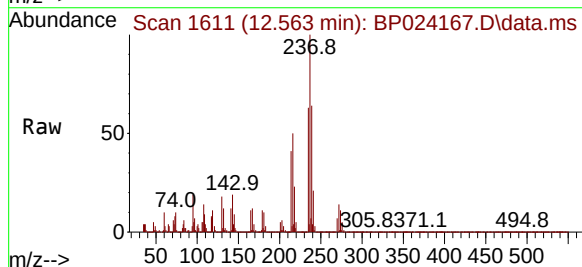
Ion	Ratio	Lower	Upper
216	100		
214	78.8	62.8	94.2
179	21.0	16.8	25.2
108	18.3	14.7	22.1

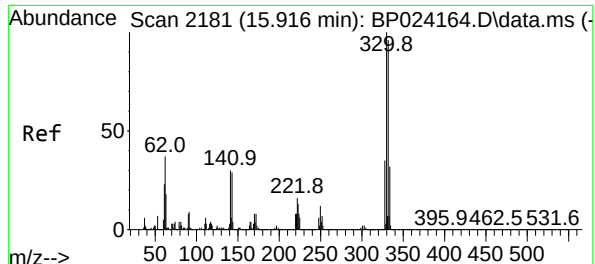


#41
Hexachlorocyclopentadiene
Concen: 77.633 ng
RT: 12.563 min Scan# 1611
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:237 Resp: 788854

Ion	Ratio	Lower	Upper
237	100		
235	62.5	41.8	81.8
272	14.0	0.0	33.5





#42

2,4,6-Tribromophenol

Concen: 186.035 ng

RT: 15.922 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024167.D

Acq: 12 Mar 2025 21:02

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

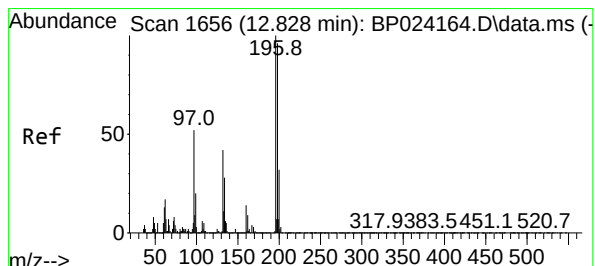
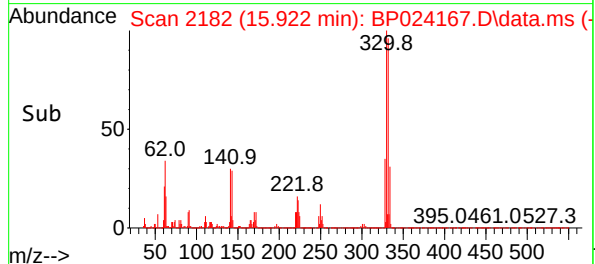
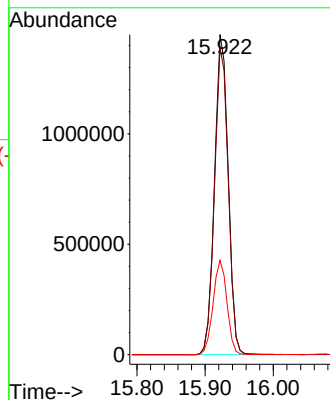
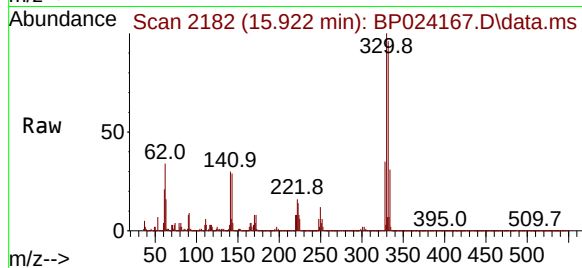
Tgt Ion:330 Resp: 2025211

Ion Ratio Lower Upper

330 100

332 96.5 77.6 116.4

141 29.9 25.0 37.6



#43

2,4,6-Trichlorophenol

Concen: 86.697 ng

RT: 12.822 min Scan# 1655

Delta R.T. -0.006 min

Lab File: BP024167.D

Acq: 12 Mar 2025 21:02

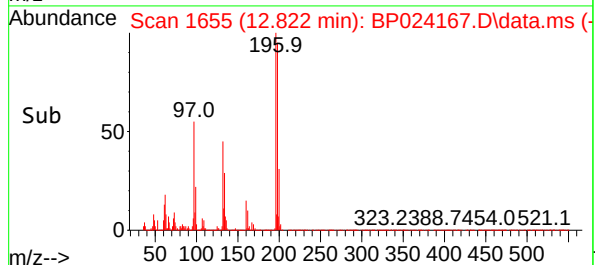
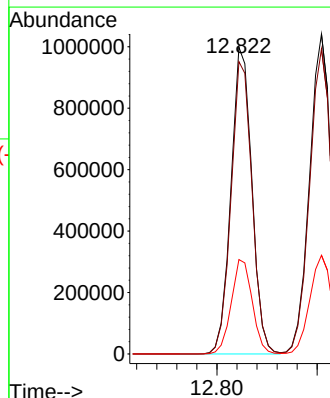
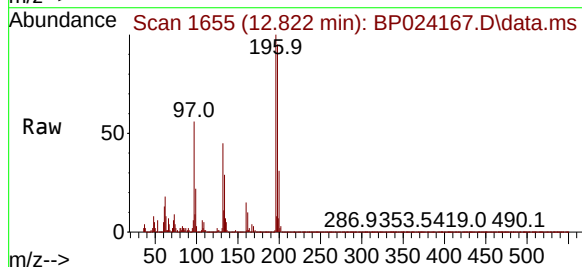
Tgt Ion:196 Resp: 1443797

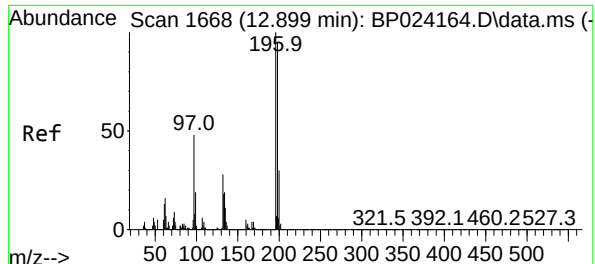
Ion Ratio Lower Upper

196 100

198 95.3 76.6 115.0

200 30.8 25.4 38.0





#44

2,4,5-Trichlorophenol

Concen: 86.506 ng

RT: 12.904 min Scan# 1669

Delta R.T. 0.006 min

Lab File: BP024167.D

Acq: 12 Mar 2025 21:02

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:196 Resp: 1575527

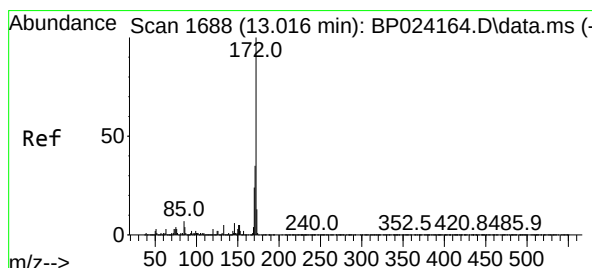
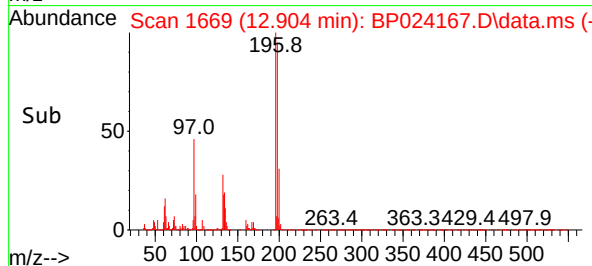
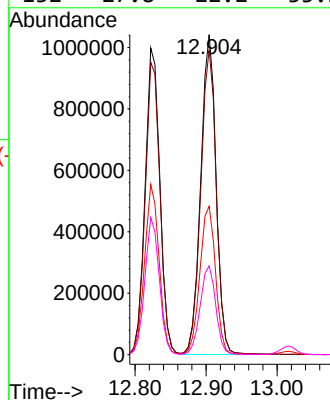
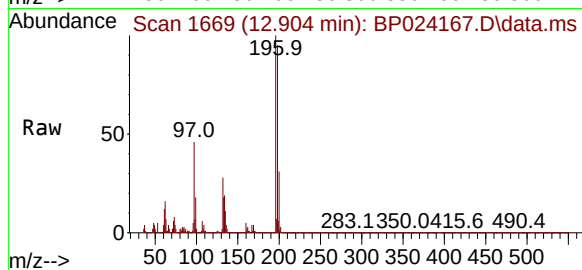
Ion Ratio Lower Upper

196 100

198 95.4 76.5 114.7

97 46.4 38.7 58.1

132 27.8 22.2 33.2



#45

2-Fluorobiphenyl

Concen: 148.993 ng

RT: 13.016 min Scan# 1688

Delta R.T. -0.000 min

Lab File: BP024167.D

Acq: 12 Mar 2025 21:02

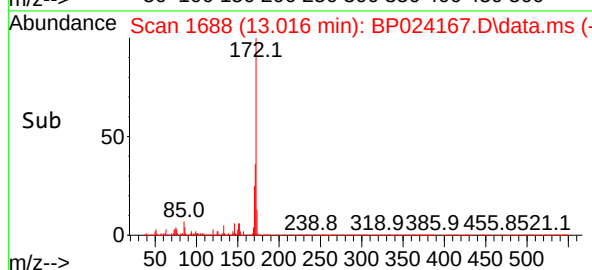
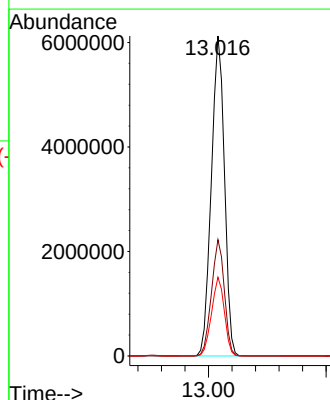
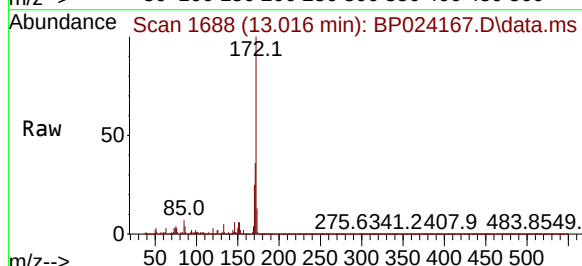
Tgt Ion:172 Resp: 9471932

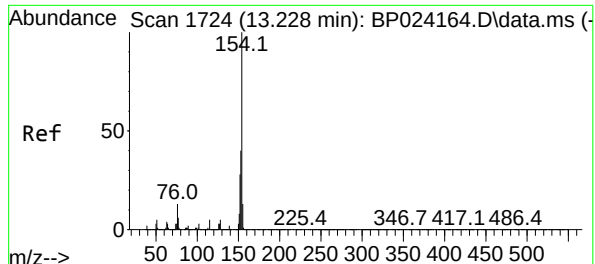
Ion Ratio Lower Upper

172 100

171 36.4 28.3 42.5

170 24.6 19.0 28.4





#46

1,1'-Biphenyl

Concen: 78.284 ng

RT: 13.228 min Scan# 1724

Delta R.T. -0.000 min

Lab File: BP024167.D

Acq: 12 Mar 2025 21:02

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

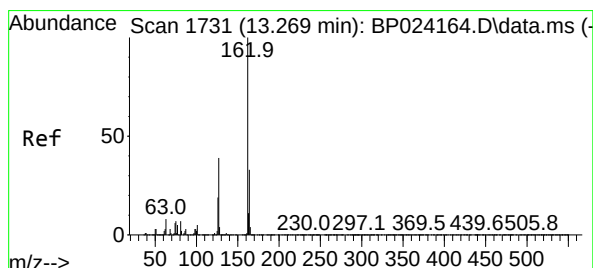
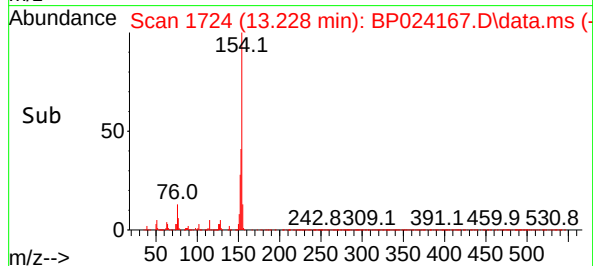
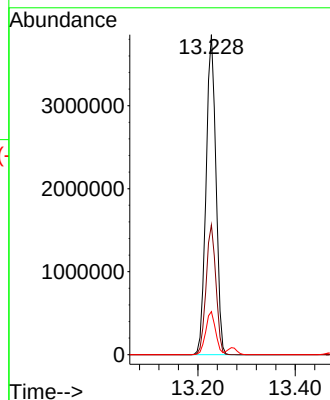
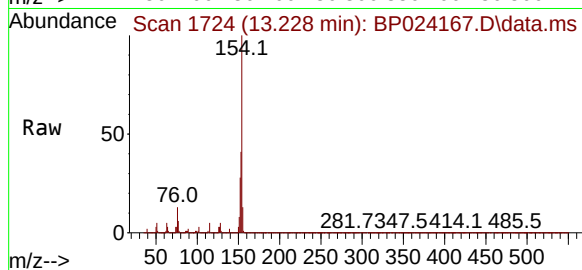
Tgt Ion:154 Resp: 5406424

Ion Ratio Lower Upper

154 100

153 40.6 20.3 60.3

76 13.4 0.0 32.9



#47

2-Chloronaphthalene

Concen: 78.432 ng

RT: 13.269 min Scan# 1731

Delta R.T. -0.000 min

Lab File: BP024167.D

Acq: 12 Mar 2025 21:02

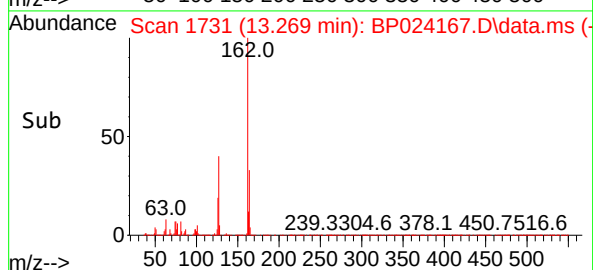
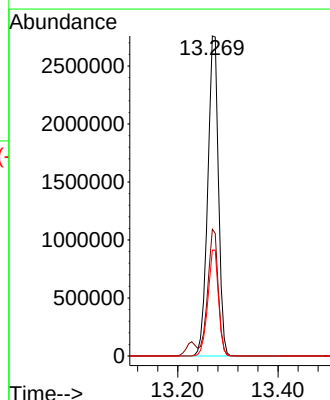
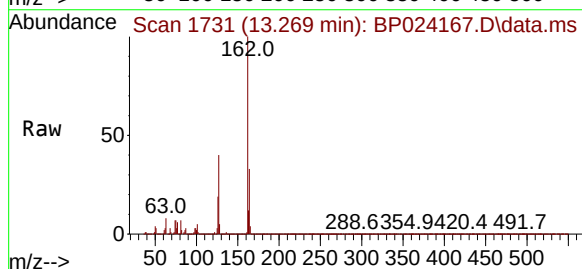
Tgt Ion:162 Resp: 4094698

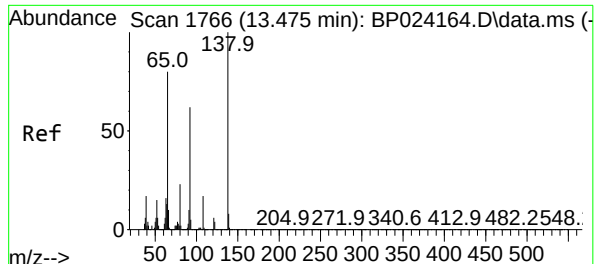
Ion Ratio Lower Upper

162 100

127 39.6 31.5 47.3

164 33.0 26.6 39.8

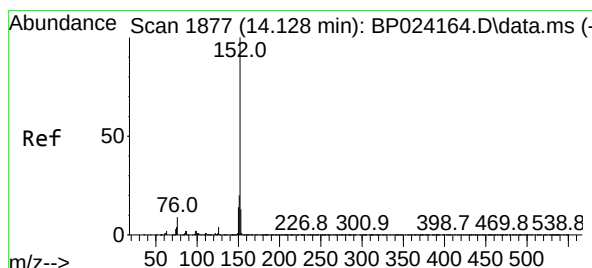
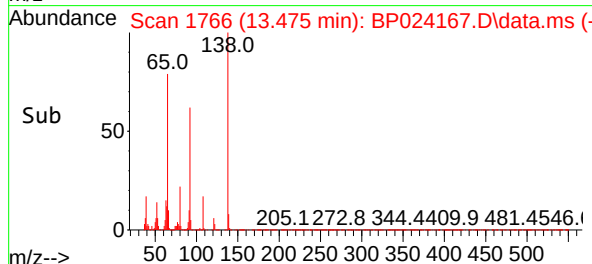
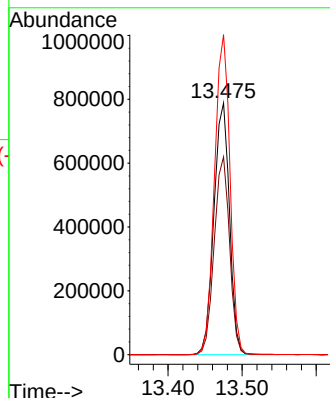
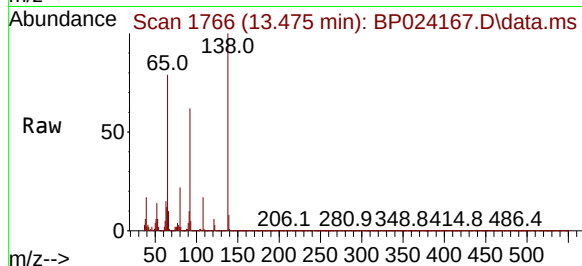




#48
2-Nitroaniline
Concen: 93.303 ng
RT: 13.475 min Scan# 1766
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

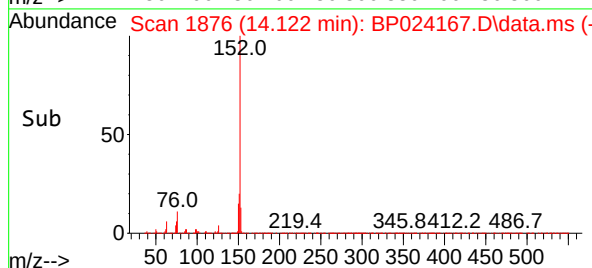
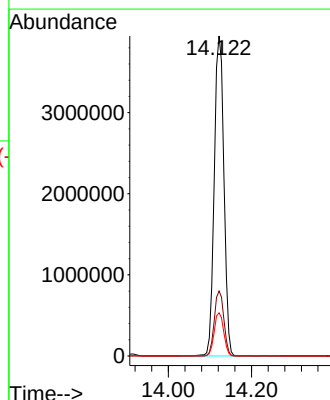
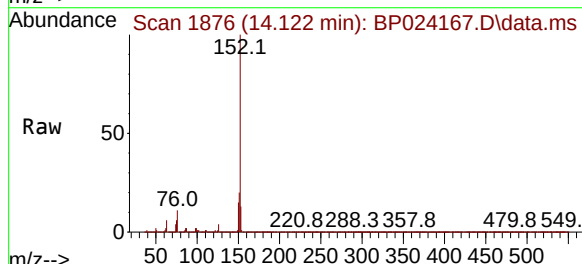
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

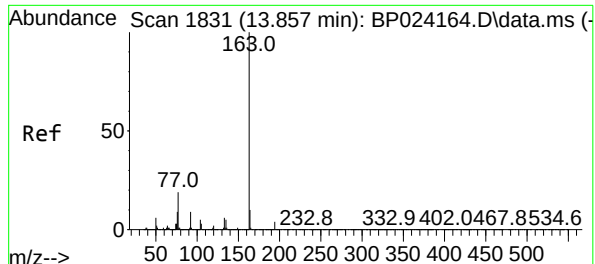
Tgt Ion: 65 Resp: 1150637
Ion Ratio Lower Upper
65 100
92 78.6 62.1 93.1
138 127.1 99.5 149.3



#49
Acenaphthylene
Concen: 82.473 ng
RT: 14.122 min Scan# 1876
Delta R.T. -0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion: 152 Resp: 6343598
Ion Ratio Lower Upper
152 100
151 20.3 16.0 24.0
153 13.5 10.6 15.8





#50

Dimethylphthalate

Concen: 81.603 ng

RT: 13.857 min Scan# 1831

Delta R.T. -0.000 min

Lab File: BP024167.D

Acq: 12 Mar 2025 21:02

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

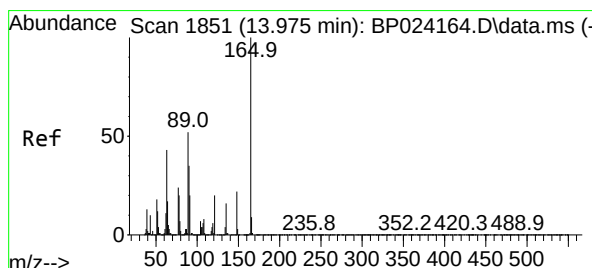
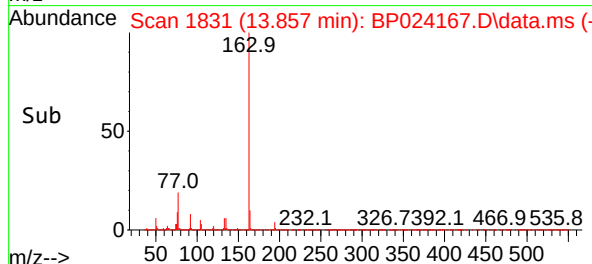
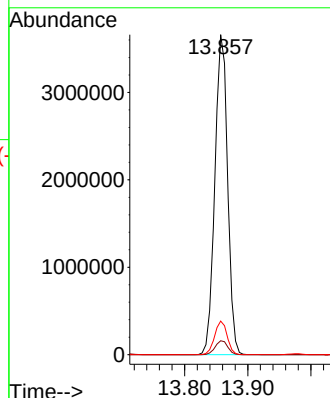
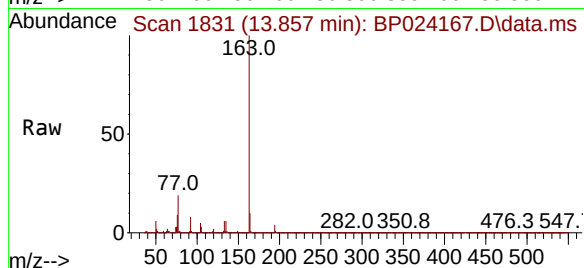
Tgt Ion:163 Resp: 5115780

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.0

164 10.5 8.2 12.4



#51

2,6-Dinitrotoluene

Concen: 89.740 ng

RT: 13.975 min Scan# 1851

Delta R.T. -0.000 min

Lab File: BP024167.D

Acq: 12 Mar 2025 21:02

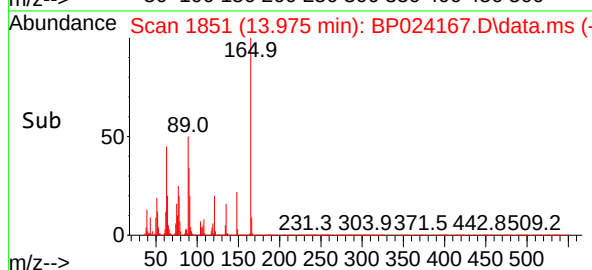
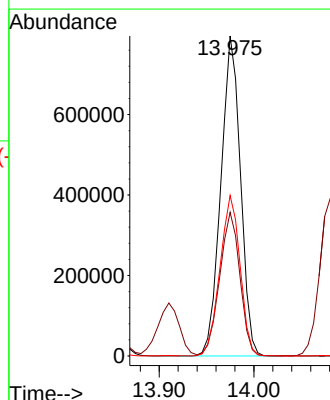
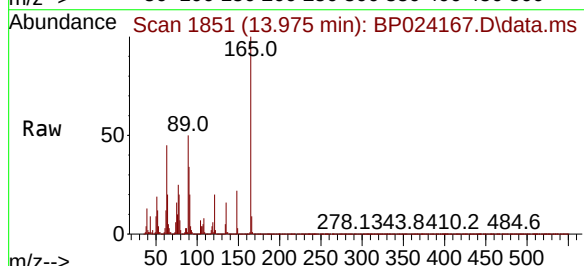
Tgt Ion:165 Resp: 1146015

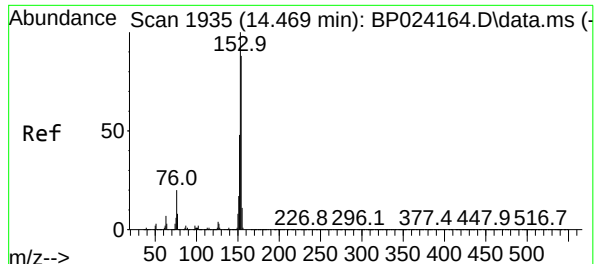
Ion Ratio Lower Upper

165 100

63 44.9 37.7 56.5

89 50.2 41.9 62.9

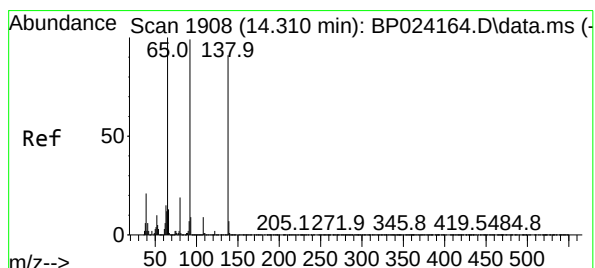
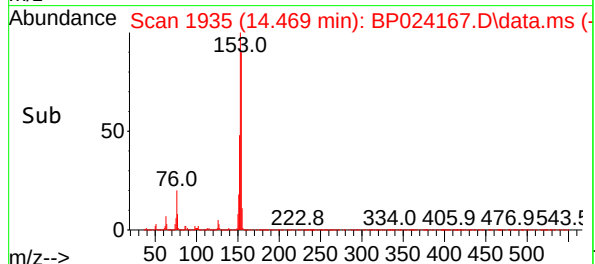
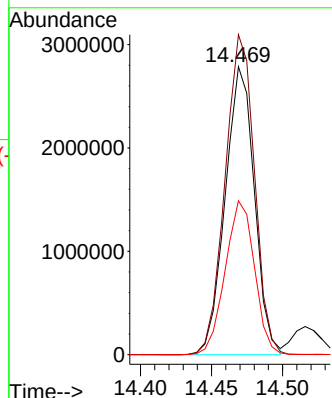
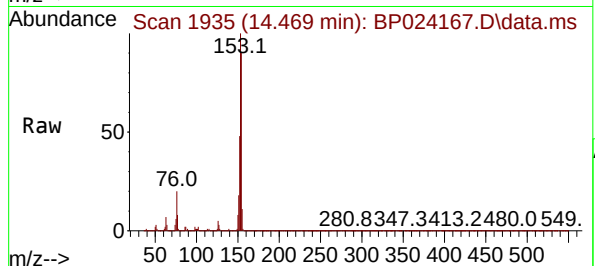




#52
Acenaphthene
Concen: 80.473 ng
RT: 14.469 min Scan# 1935
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

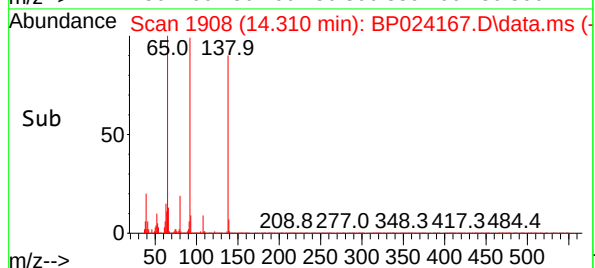
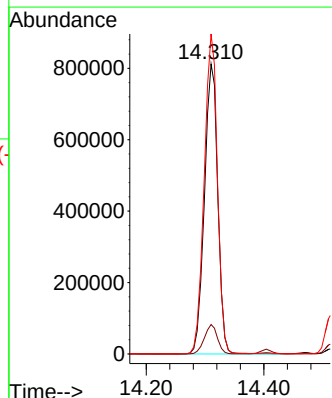
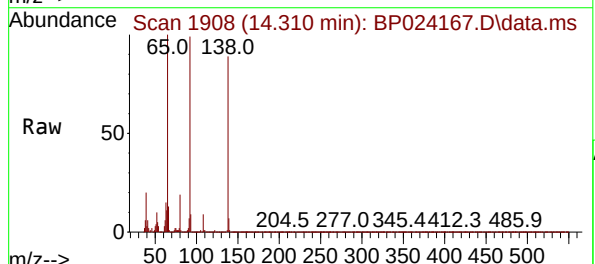
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

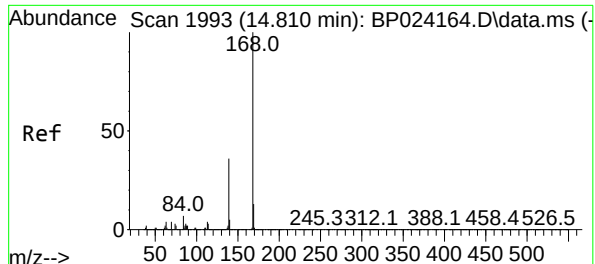
Tgt Ion:154 Resp: 3985981
Ion Ratio Lower Upper
154 100
153 111.1 90.5 135.7
152 53.5 43.1 64.7



#53
3-Nitroaniline
Concen: 93.713 ng
RT: 14.310 min Scan# 1908
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:138 Resp: 1277036
Ion Ratio Lower Upper
138 100
108 10.2 8.2 12.2
92 110.4 86.7 130.1

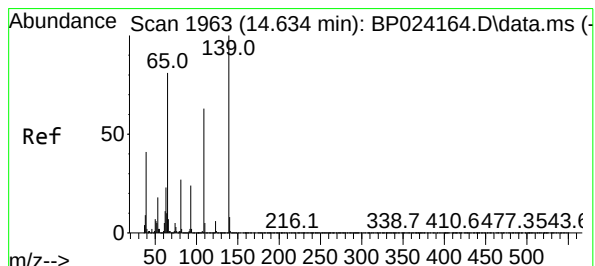
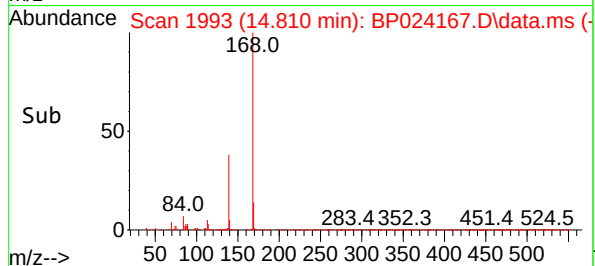
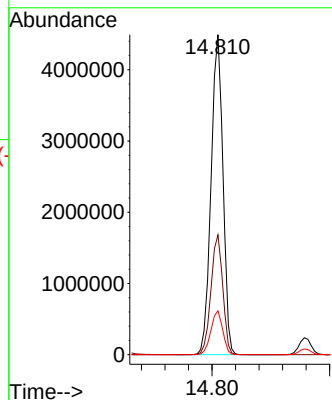
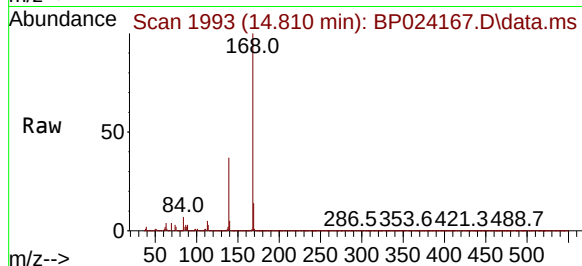




#55
Dibenzenofuran
Concen: 78.144 ng
RT: 14.810 min Scan# 1993
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

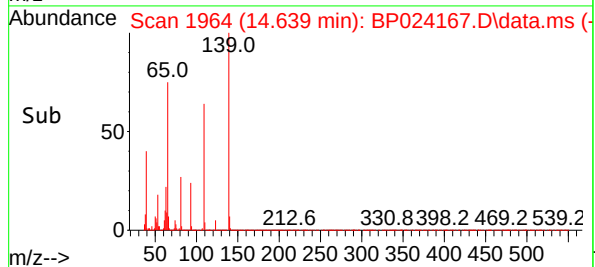
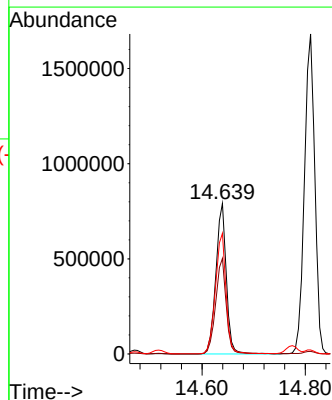
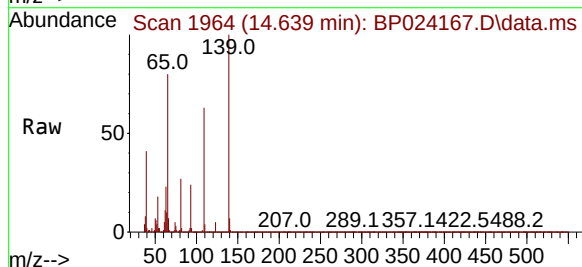
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

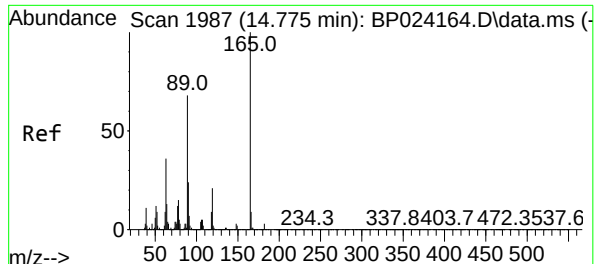
Tgt Ion:168 Resp: 6287848
Ion Ratio Lower Upper
168 100
139 37.4 29.1 43.7
169 13.7 10.8 16.2



#56
4-Nitrophenol
Concen: 94.320 ng
RT: 14.639 min Scan# 1964
Delta R.T. 0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:139 Resp: 1110260
Ion Ratio Lower Upper
139 100
109 63.5 43.3 83.3
65 80.2 61.2 101.2





#57

2,4-Dinitrotoluene

Concen: 95.524 ng

RT: 14.775 min Scan# 1987

Delta R.T. -0.000 min

Lab File: BP024167.D

Acq: 12 Mar 2025 21:02

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:165 Resp: 1584658

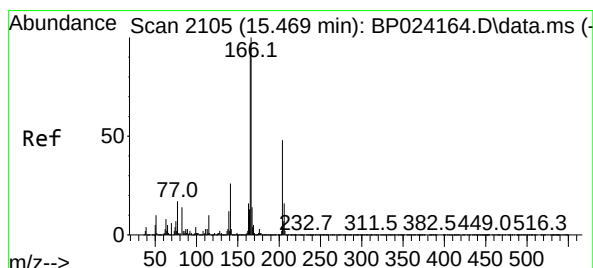
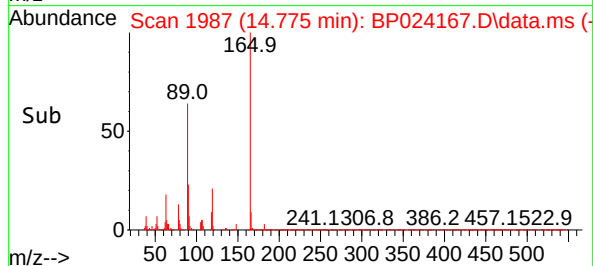
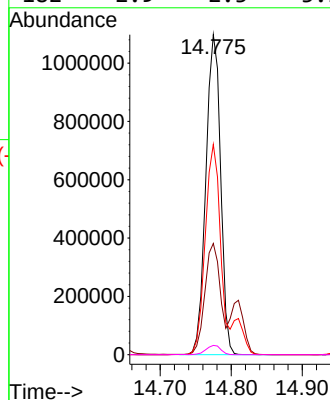
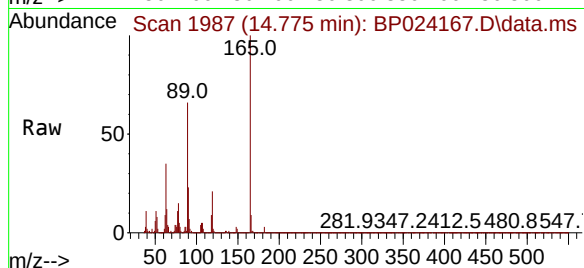
Ion Ratio Lower Upper

165 100

63 34.8 29.0 43.6

89 65.7 54.2 81.4

182 2.9 2.3 3.5



#58

Fluorene

Concen: 79.298 ng

RT: 15.469 min Scan# 2105

Delta R.T. -0.000 min

Lab File: BP024167.D

Acq: 12 Mar 2025 21:02

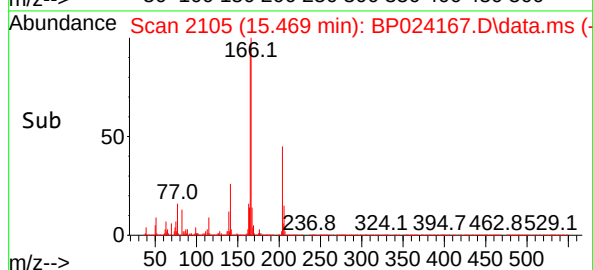
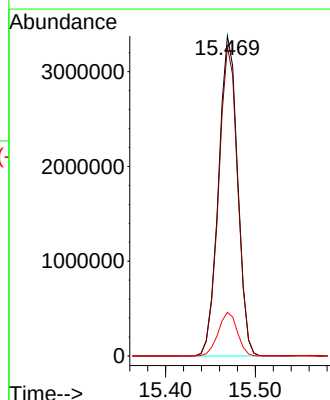
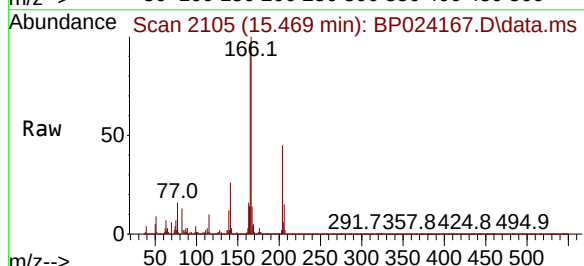
Tgt Ion:166 Resp: 4983161

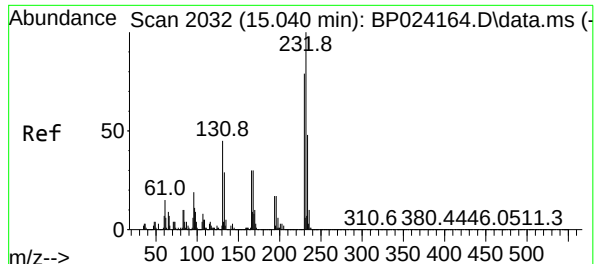
Ion Ratio Lower Upper

166 100

165 96.7 77.6 116.4

167 13.7 10.8 16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 86.797 ng

RT: 15.045 min Scan# 2032

Delta R.T. 0.006 min

Lab File: BP024167.D

Acq: 12 Mar 2025 21:02

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:232 Resp: 1371535

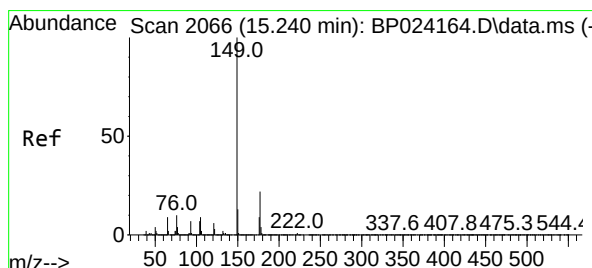
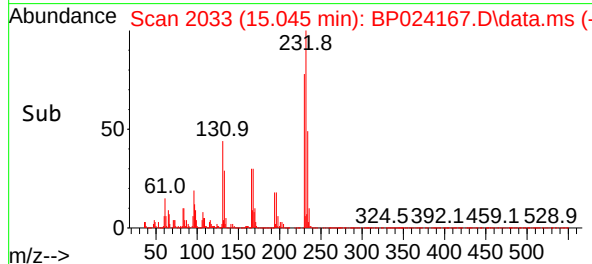
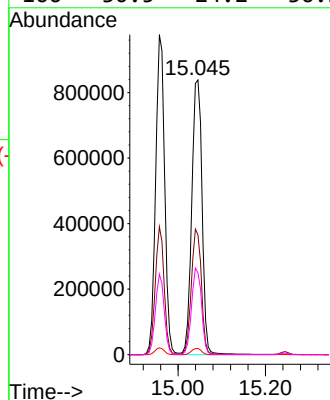
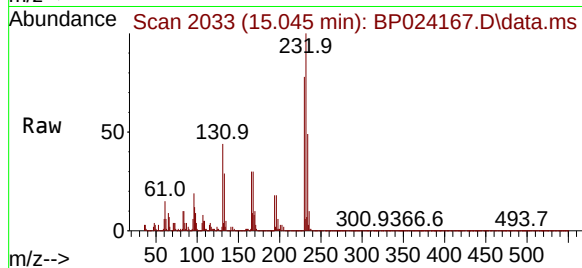
Ion Ratio Lower Upper

232 100

131 44.8 35.9 53.9

130 2.2 1.8 2.6

166 30.5 24.2 36.2



#60

Diethylphthalate

Concen: 83.898 ng

RT: 15.245 min Scan# 2067

Delta R.T. 0.006 min

Lab File: BP024167.D

Acq: 12 Mar 2025 21:02

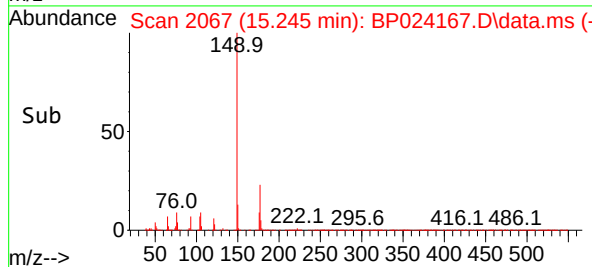
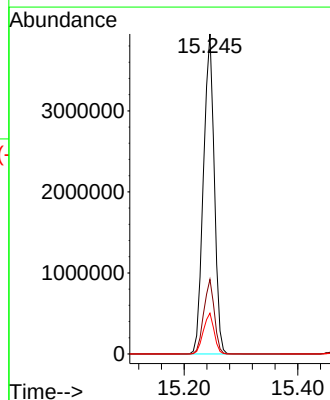
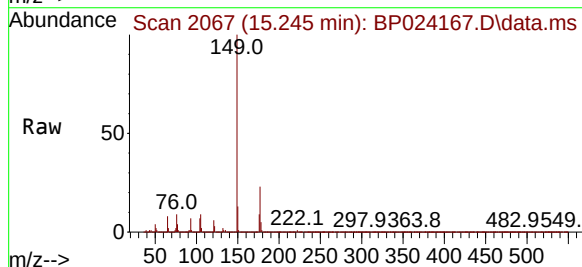
Tgt Ion:149 Resp: 5221159

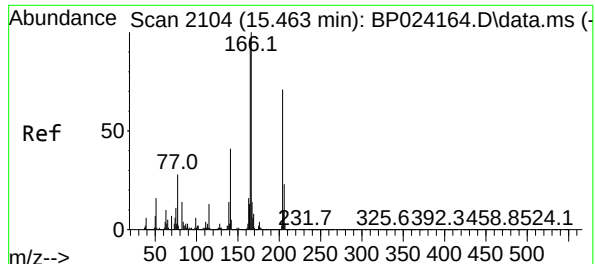
Ion Ratio Lower Upper

149 100

177 23.3 17.7 26.5

150 12.7 10.2 15.4

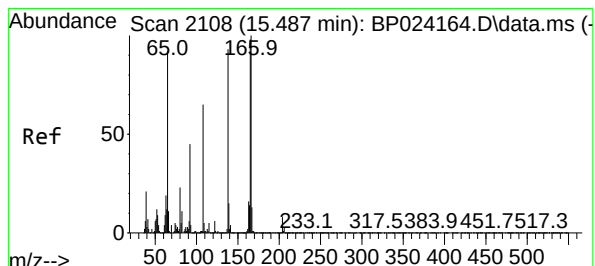
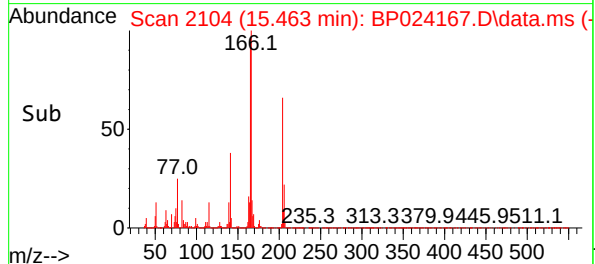
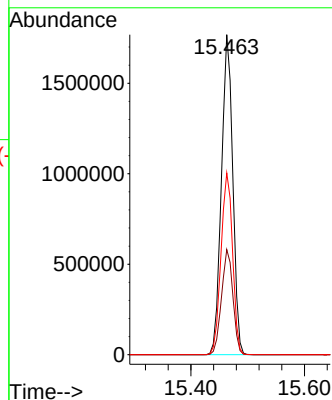
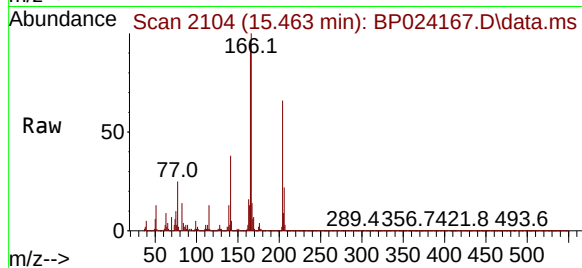




#61
4-Chlorophenyl-phenylether
Concen: 79.305 ng
RT: 15.463 min Scan# 2104
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

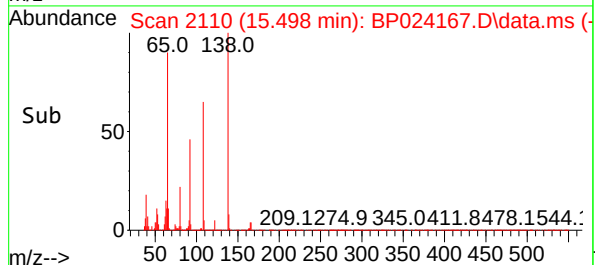
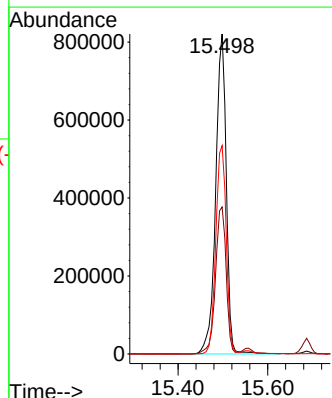
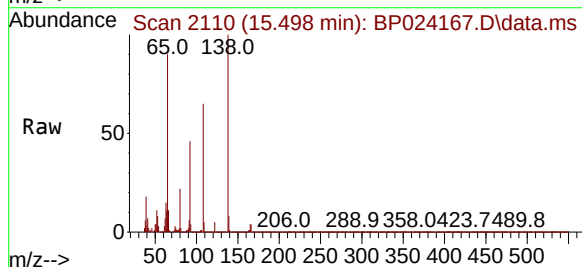
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

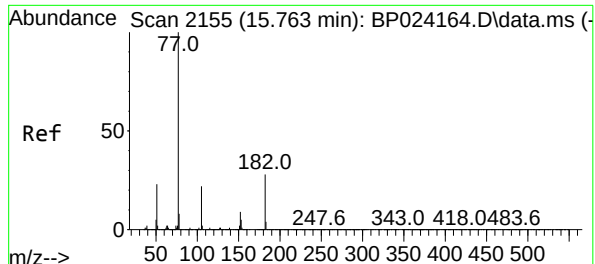
Tgt Ion:204 Resp: 2453010
Ion Ratio Lower Upper
204 100
206 32.8 26.4 39.6
141 56.8 45.8 68.8



#62
4-Nitroaniline
Concen: 95.238 ng
RT: 15.498 min Scan# 2110
Delta R.T. 0.012 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:138 Resp: 1346814
Ion Ratio Lower Upper
138 100
92 46.0 28.7 68.7
108 65.1 49.5 89.5

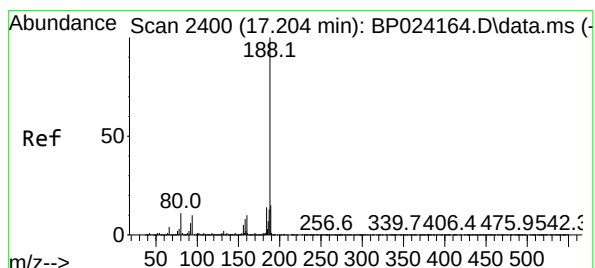
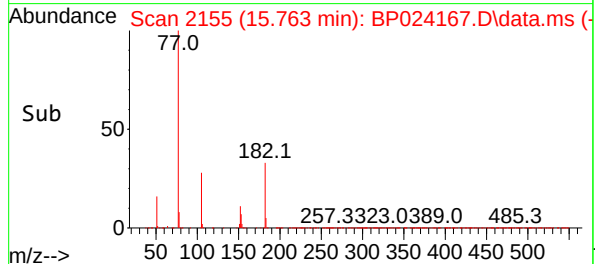
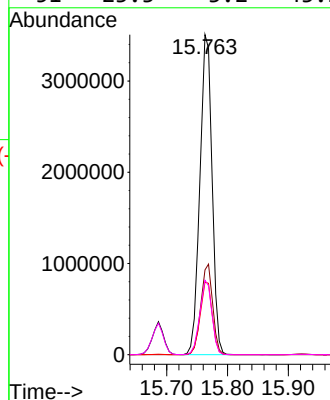
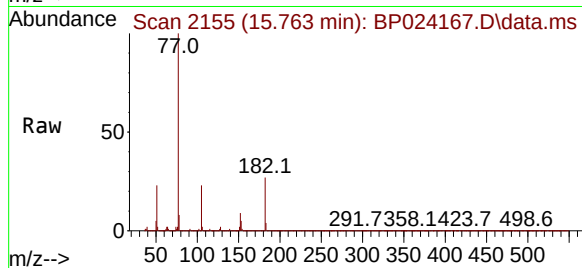




#63
Azobenzene
Concen: 83.196 ng
RT: 15.763 min Scan# 2155
Delta R.T. -0.000 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

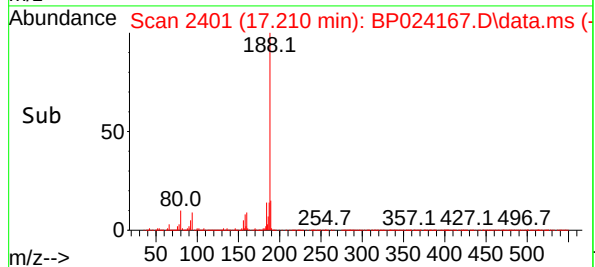
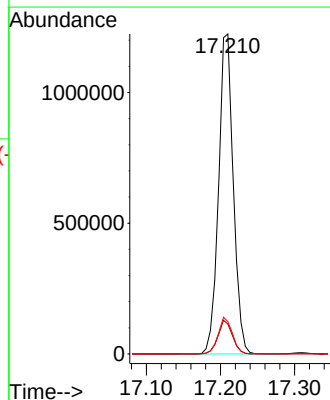
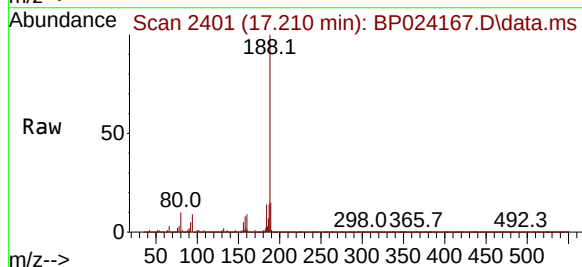
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

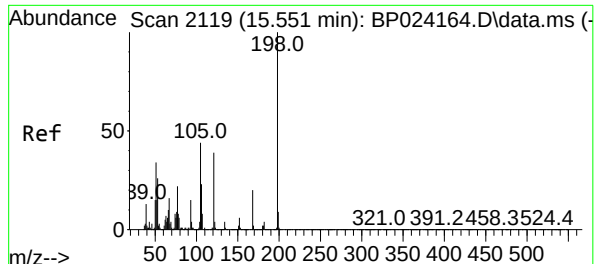
Tgt Ion: 77 Resp: 4851665
Ion Ratio Lower Upper
77 100
182 26.5 7.7 47.7
105 22.7 2.3 42.3
51 23.3 3.2 43.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2401
Delta R.T. 0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion: 188 Resp: 1690241
Ion Ratio Lower Upper
188 100
94 9.3 8.1 12.1
80 10.1 8.9 13.3





#65

4,6-Dinitro-2-methylphenol

Concen: 94.517 ng

RT: 15.557 min Scan# 2119

Delta R.T. 0.006 min

Lab File: BP024167.D

Acq: 12 Mar 2025 21:02

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

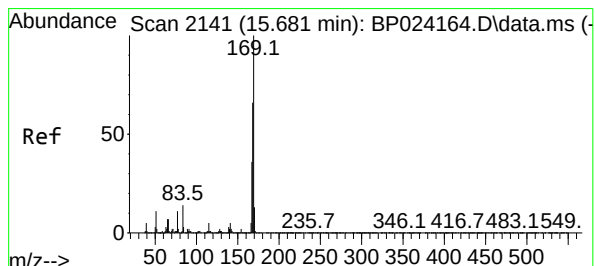
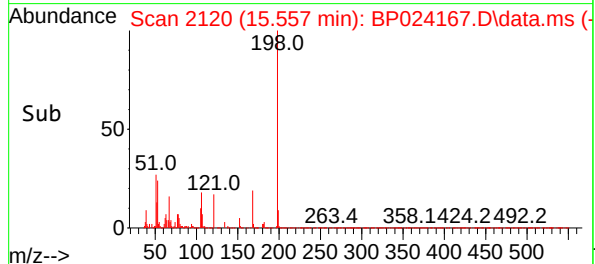
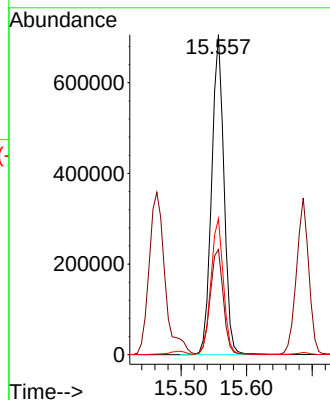
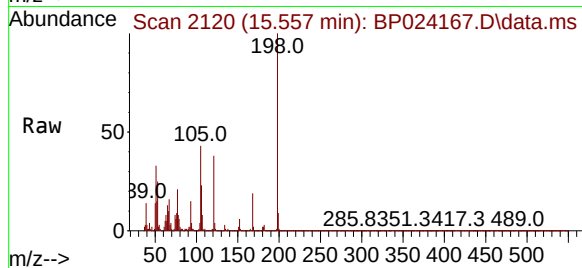
Tgt Ion:198 Resp: 924643

Ion Ratio Lower Upper

198 100

51 32.8 14.7 54.7

105 42.5 23.8 63.8



#66

n-Nitrosodiphenylamine

Concen: 80.285 ng

RT: 15.686 min Scan# 2142

Delta R.T. 0.006 min

Lab File: BP024167.D

Acq: 12 Mar 2025 21:02

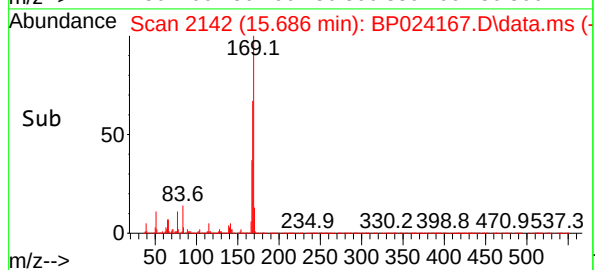
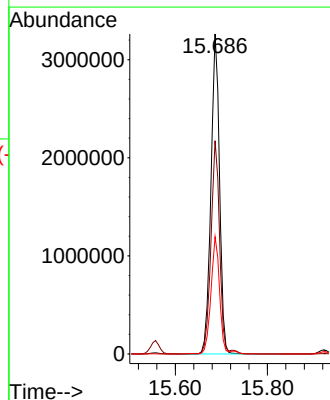
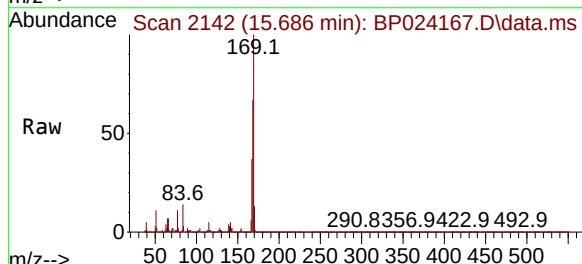
Tgt Ion:169 Resp: 4231796

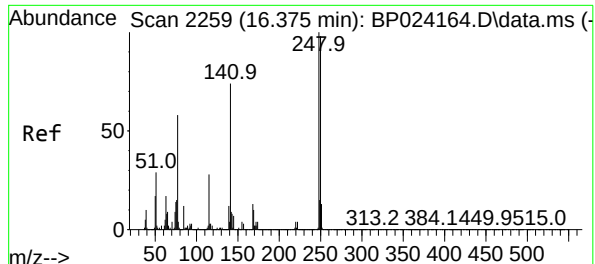
Ion Ratio Lower Upper

169 100

168 66.6 52.9 79.3

167 36.7 28.8 43.2

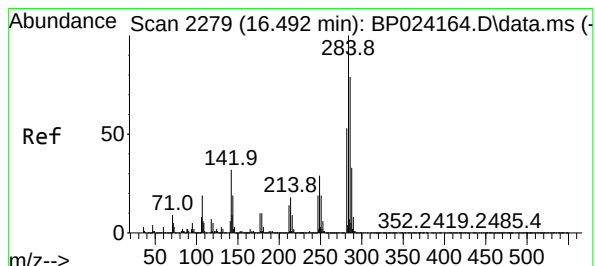
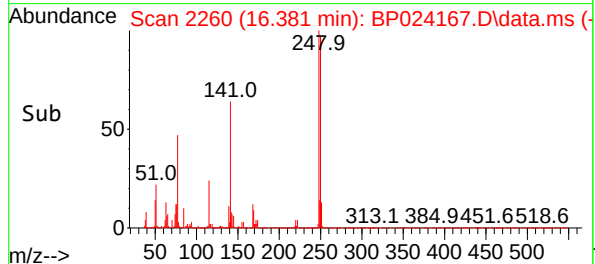
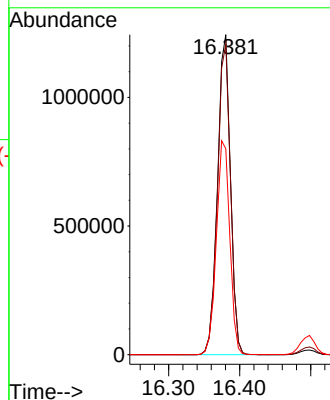
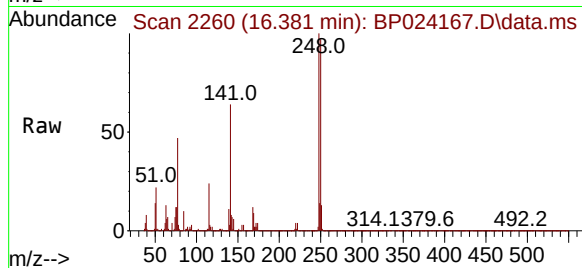




#67
4-Bromophenyl-phenylether
Concen: 82.455 ng
RT: 16.381 min Scan# 2259
Delta R.T. 0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

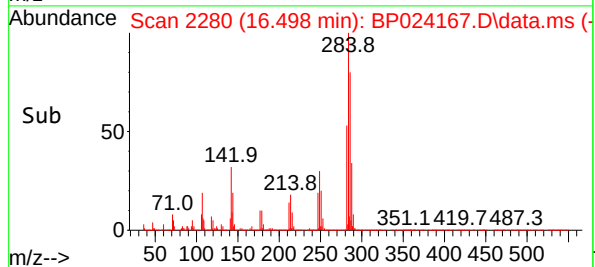
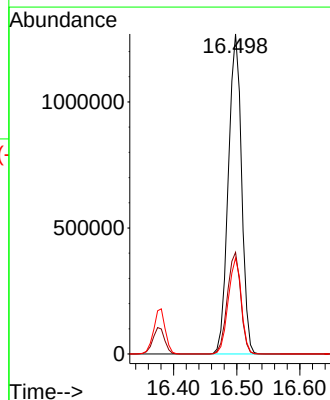
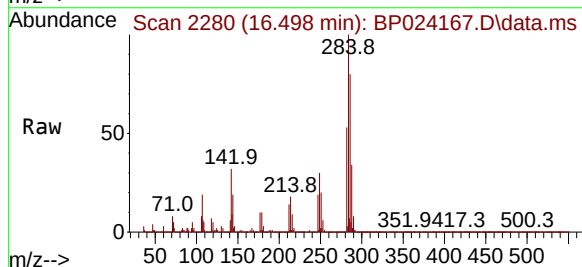
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

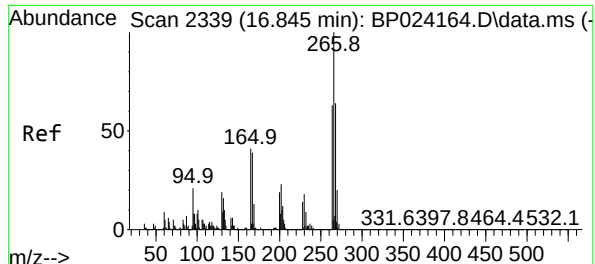
Tgt Ion:248 Resp: 1565037
Ion Ratio Lower Upper
248 100
250 97.1 78.4 117.6
141 64.3 59.4 89.0



#68
Hexachlorobenzene
Concen: 82.437 ng
RT: 16.498 min Scan# 2280
Delta R.T. 0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:284 Resp: 1841149
Ion Ratio Lower Upper
284 100
142 31.7 25.4 38.2
249 30.0 23.5 35.3

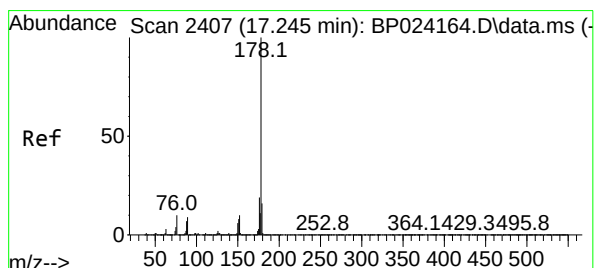
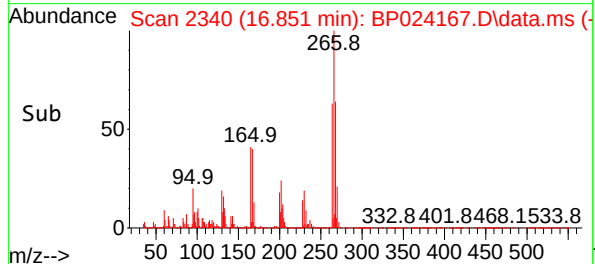
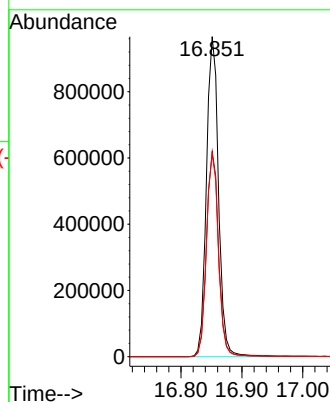
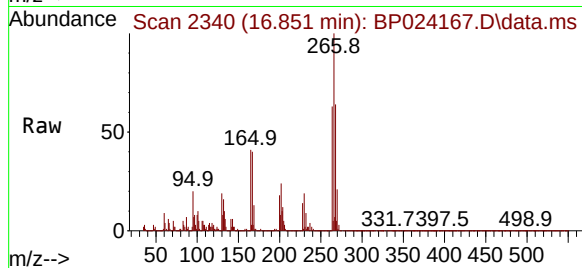




#70
Pentachlorophenol
Concen: 92.003 ng
RT: 16.851 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

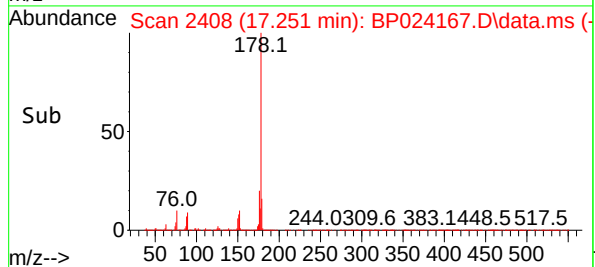
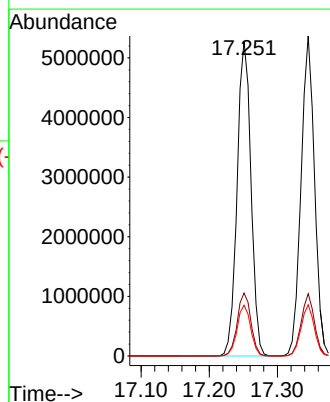
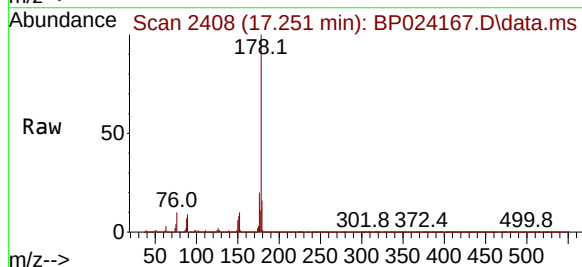
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

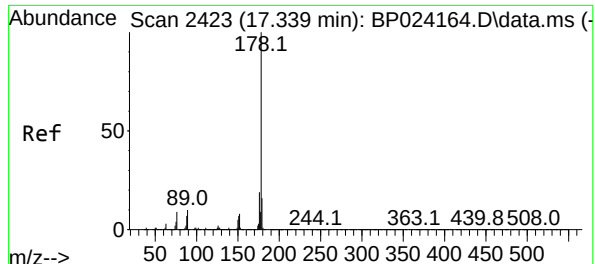
Tgt Ion:266 Resp: 1334567
Ion Ratio Lower Upper
266 100
268 64.1 51.3 76.9
264 63.4 50.6 76.0



#71
Phenanthrene
Concen: 78.188 ng
RT: 17.251 min Scan# 2408
Delta R.T. 0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:178 Resp: 7450840
Ion Ratio Lower Upper
178 100
176 20.0 15.6 23.4
179 16.1 12.5 18.7

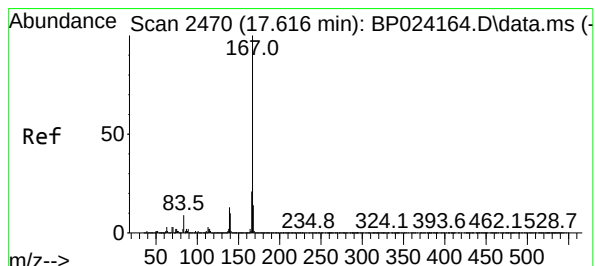
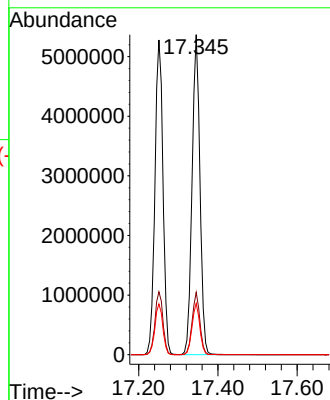
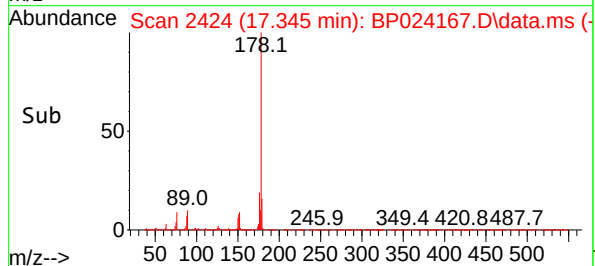
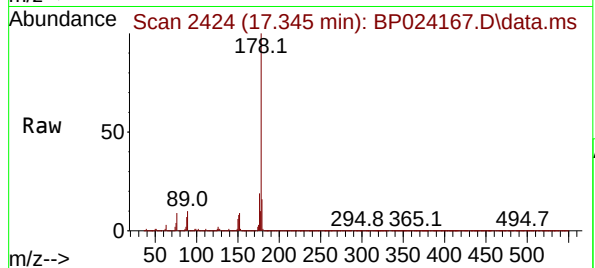




#72
Anthracene
Concen: 81.264 ng
RT: 17.345 min Scan# 2423
Delta R.T. 0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

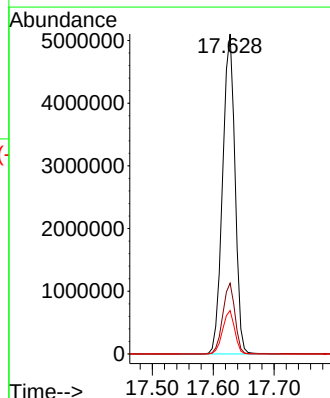
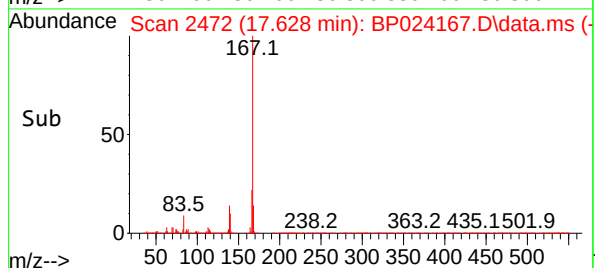
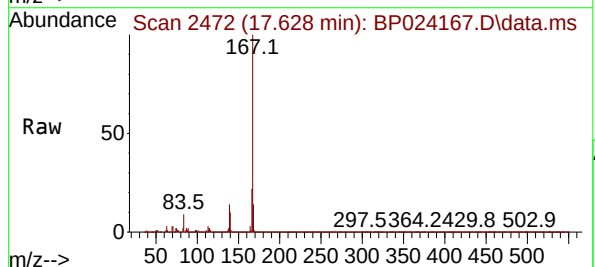
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

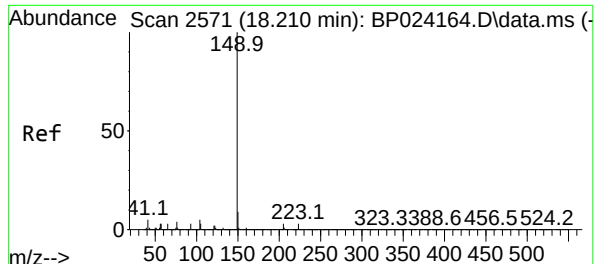
Tgt Ion:178 Resp: 7420971
Ion Ratio Lower Upper
178 100
176 19.4 15.2 22.8
179 16.0 12.6 18.8



#73
Carbazole
Concen: 82.862 ng
RT: 17.628 min Scan# 2472
Delta R.T. 0.012 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:167 Resp: 7209600
Ion Ratio Lower Upper
167 100
166 22.1 17.1 25.7
139 13.6 10.2 15.4

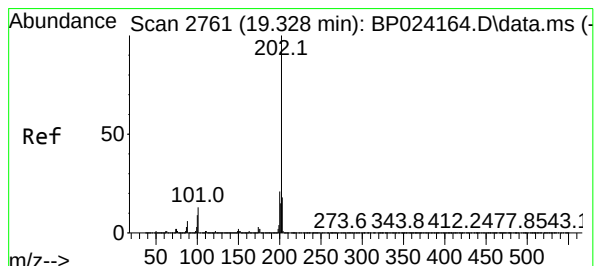
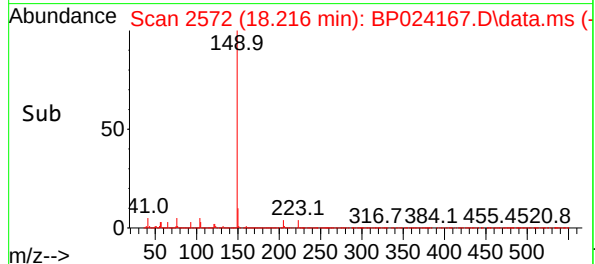
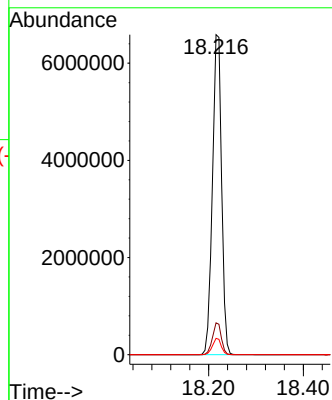
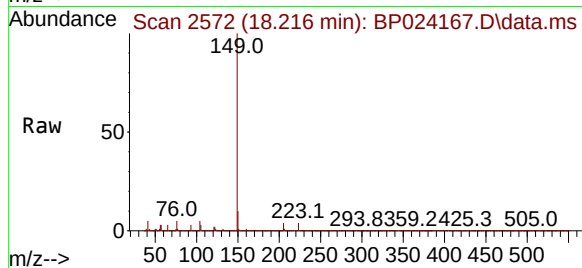




#74
Di-n-butylphthalate
Concen: 86.868 ng
RT: 18.216 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

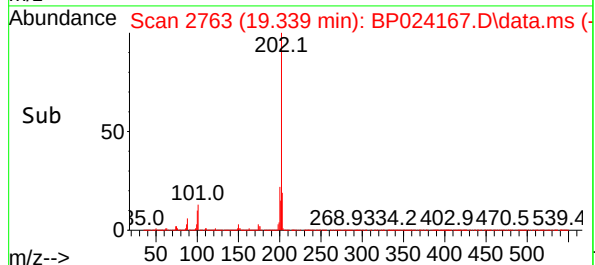
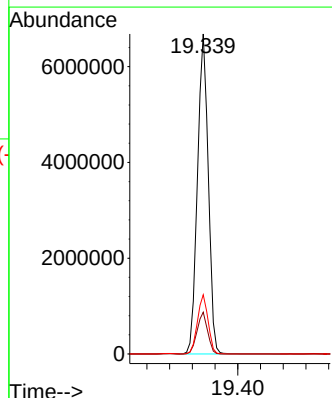
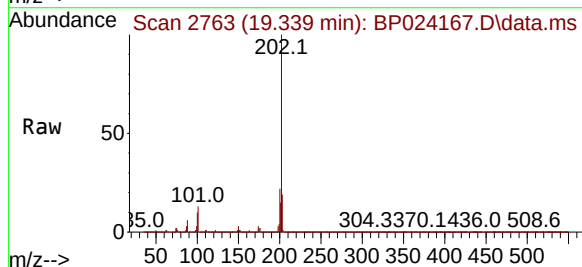
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

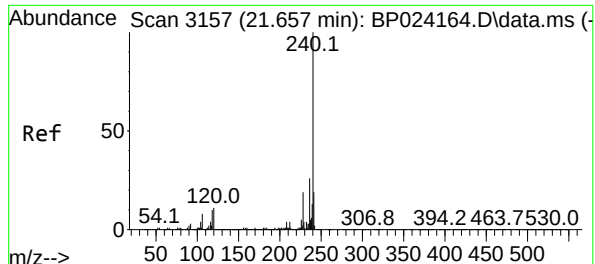
Tgt Ion:149 Resp: 8819030
Ion Ratio Lower Upper
149 100
150 10.0 7.6 11.4
104 5.1 3.9 5.9



#75
Fluoranthene
Concen: 82.280 ng
RT: 19.339 min Scan# 2763
Delta R.T. 0.012 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:202 Resp: 8868502
Ion Ratio Lower Upper
202 100
101 13.0 0.0 32.5
203 18.5 0.0 37.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.674 min Scan# 3157

Delta R.T. 0.017 min

Lab File: BP024167.D

Acq: 12 Mar 2025 21:02

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

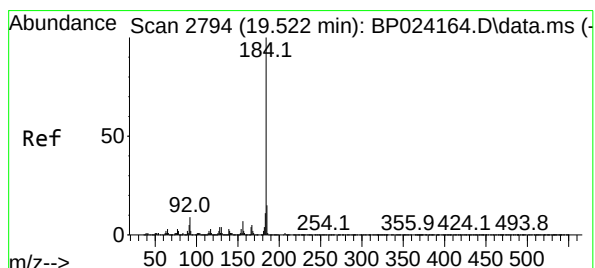
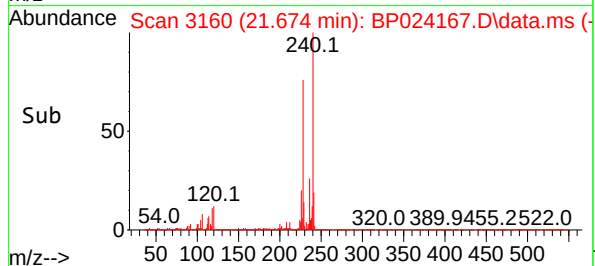
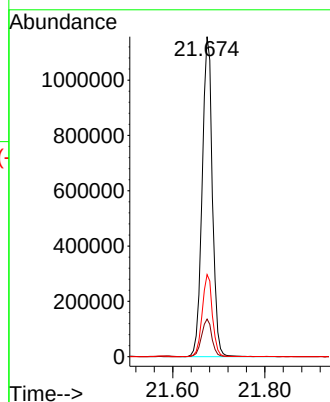
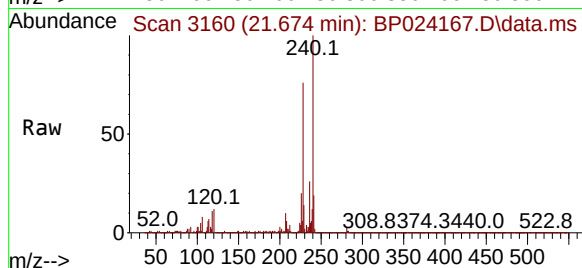
Tgt Ion:240 Resp: 1785678

Ion Ratio Lower Upper

240 100

120 11.7 9.2 13.8

236 25.6 20.4 30.6



#77

Benzidine

Concen: 72.794 ng

RT: 19.533 min Scan# 2796

Delta R.T. 0.012 min

Lab File: BP024167.D

Acq: 12 Mar 2025 21:02

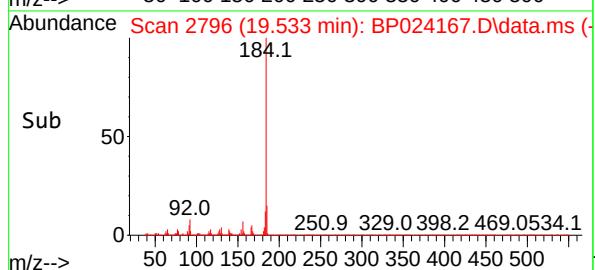
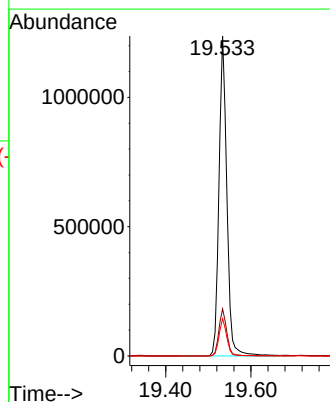
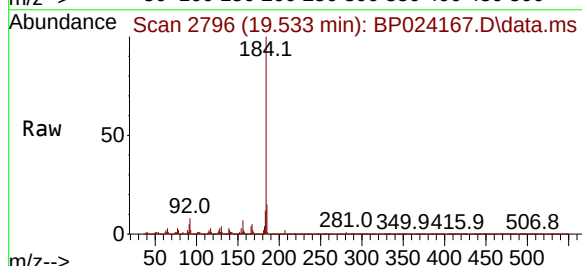
Tgt Ion:184 Resp: 1583965

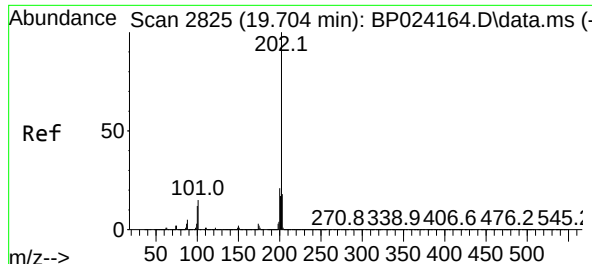
Ion Ratio Lower Upper

184 100

185 14.7 11.8 17.6

183 11.7 9.1 13.7





#78

Pyrene

Concen: 80.230 ng

RT: 19.722 min Scan# 2825

Delta R.T. 0.017 min

Lab File: BP024167.D

Acq: 12 Mar 2025 21:02

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

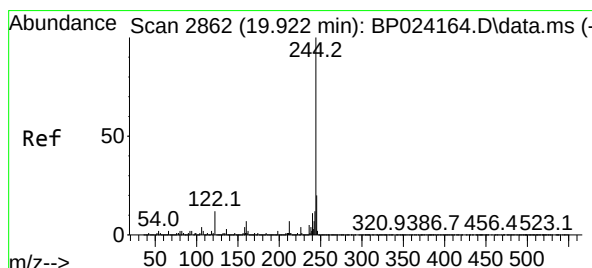
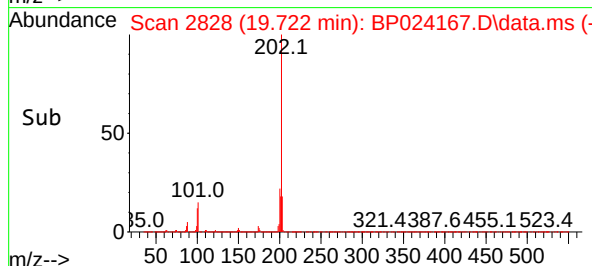
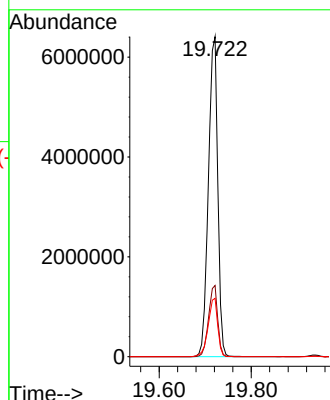
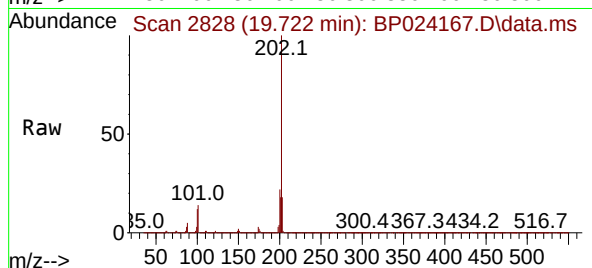
Tgt Ion:202 Resp: 9100075

Ion Ratio Lower Upper

202 100

200 22.3 17.1 25.7

203 18.3 14.2 21.4



#79

Terphenyl-d14

Concen: 146.201 ng

RT: 19.939 min Scan# 2865

Delta R.T. 0.017 min

Lab File: BP024167.D

Acq: 12 Mar 2025 21:02

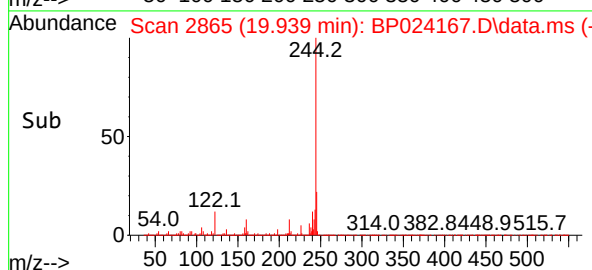
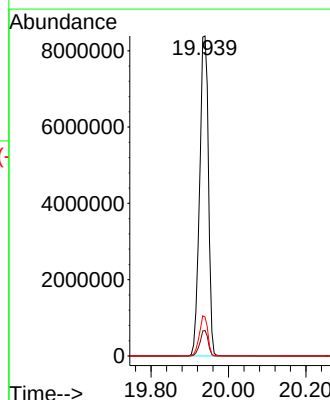
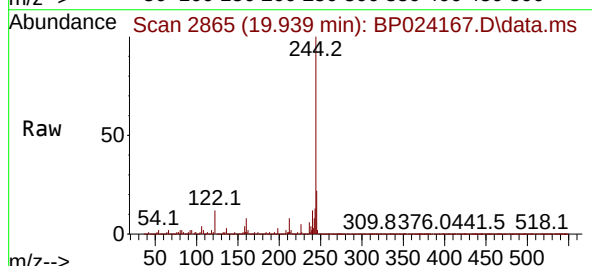
Tgt Ion:244 Resp:13193577

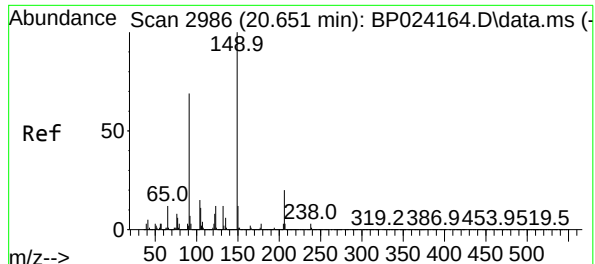
Ion Ratio Lower Upper

244 100

212 8.0 5.7 8.5

122 12.2 9.6 14.4

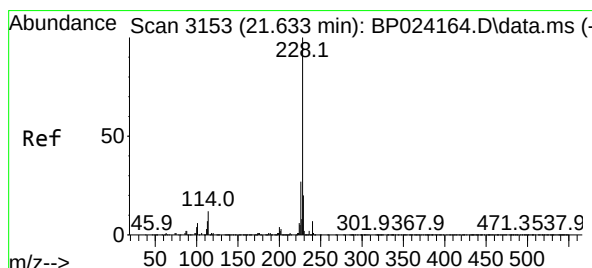
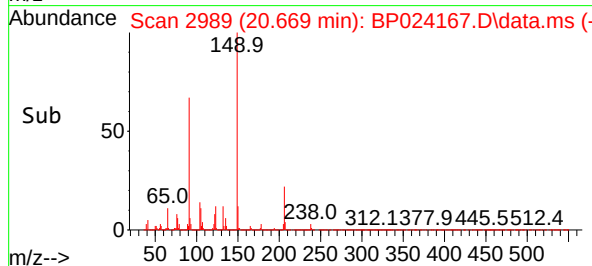
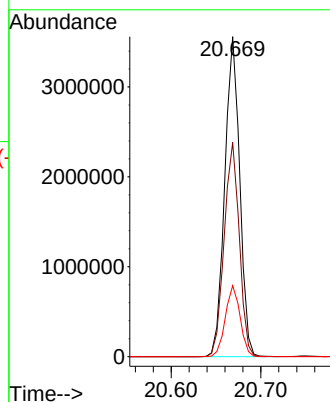
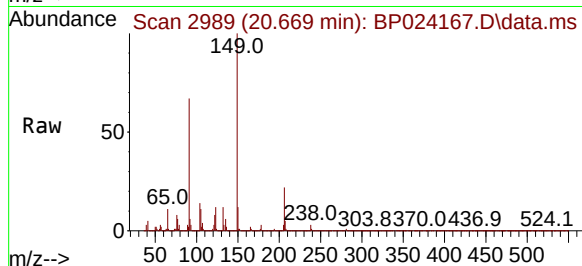




#80
Butylbenzylphthalate
Concen: 94.735 ng
RT: 20.669 min Scan# 2986
Delta R.T. 0.017 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

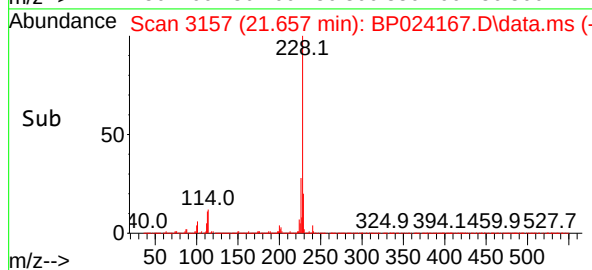
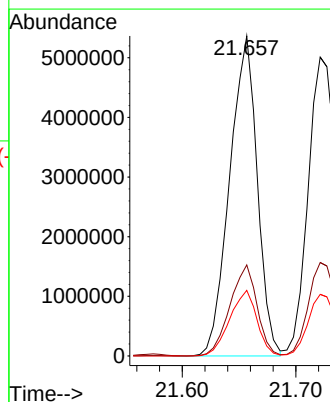
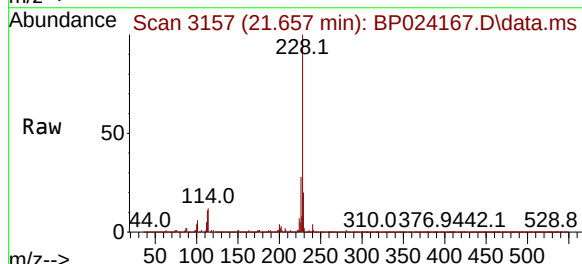
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

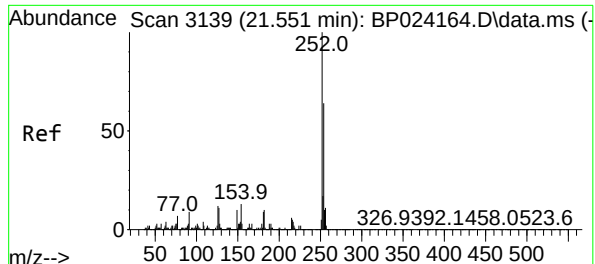
Tgt Ion:149 Resp: 4117551
Ion Ratio Lower Upper
149 100
91 66.9 55.3 82.9
206 22.2 16.1 24.1



#81
Benzo(a)anthracene
Concen: 81.050 ng
RT: 21.657 min Scan# 3157
Delta R.T. 0.023 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:228 Resp: 9075269
Ion Ratio Lower Upper
228 100
226 28.4 21.8 32.8
229 20.5 16.0 24.0





#82

3,3'-Dichlorobenzidine

Concen: 91.925 ng

RT: 21.574 min Scan# 31

Delta R.T. 0.023 min

Lab File: BP024167.D

Acq: 12 Mar 2025 21:02

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

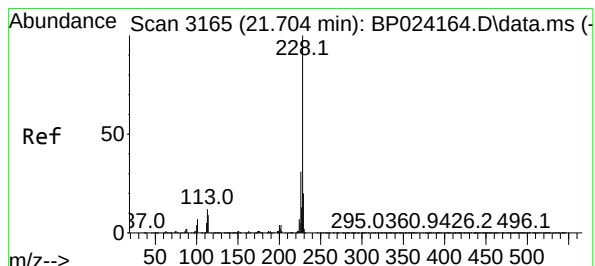
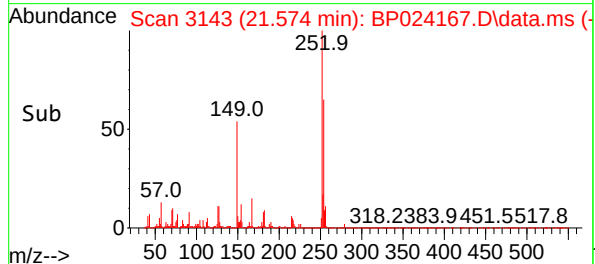
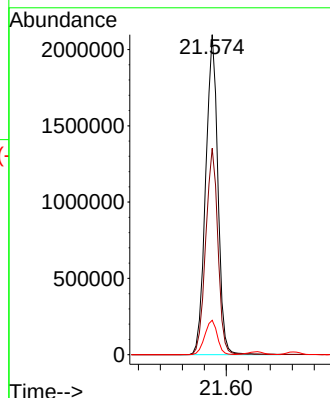
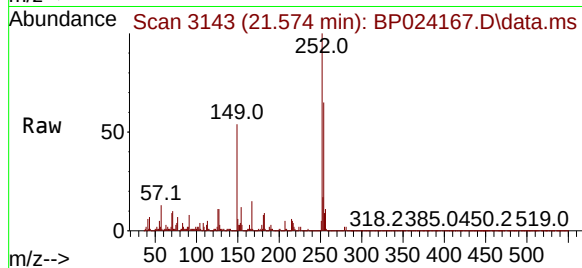
Tgt Ion:252 Resp: 3216378

Ion Ratio Lower Upper

252 100

254 64.5 51.4 77.2

126 10.8 9.3 13.9



#83

Chrysene

Concen: 79.981 ng

RT: 21.721 min Scan# 3168

Delta R.T. 0.018 min

Lab File: BP024167.D

Acq: 12 Mar 2025 21:02

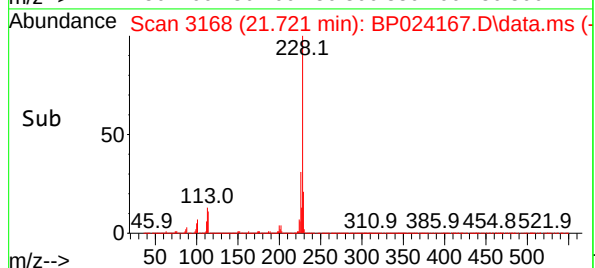
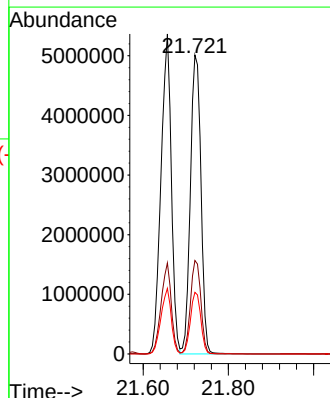
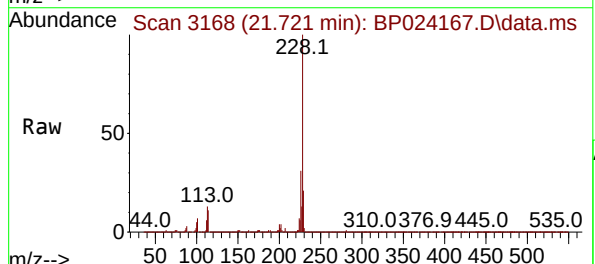
Tgt Ion:228 Resp: 8635685

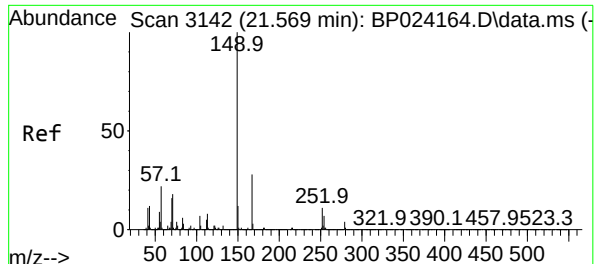
Ion Ratio Lower Upper

228 100

226 31.2 24.5 36.7

229 20.6 16.2 24.2

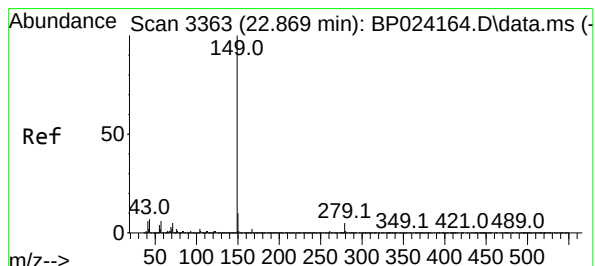
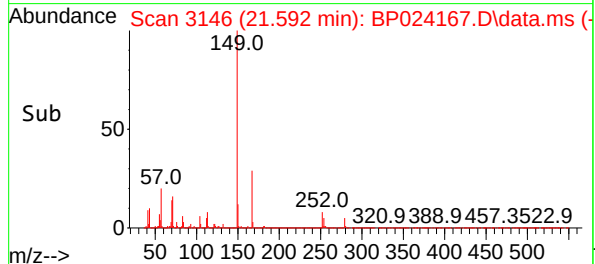
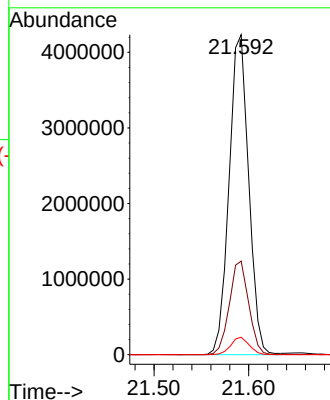
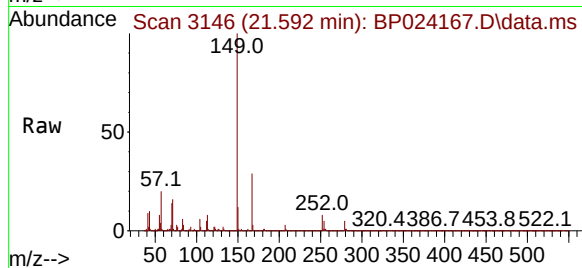




#84
Bis(2-ethylhexyl)phthalate
Concen: 92.215 ng
RT: 21.592 min Scan# 3146
Delta R.T. 0.023 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

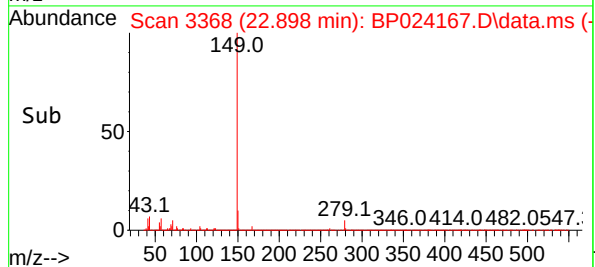
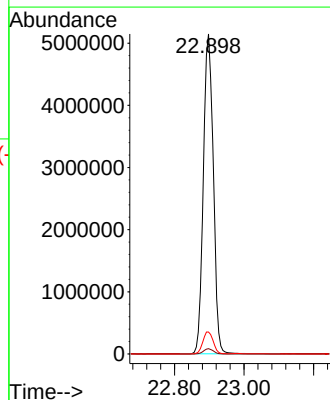
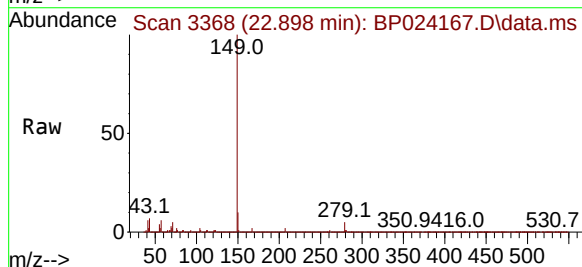
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

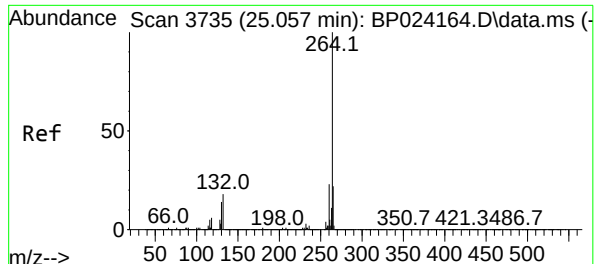
Tgt Ion:149 Resp: 6077881
Ion Ratio Lower Upper
149 100
167 29.2 22.5 33.7
279 5.5 3.6 5.4#



#85
Di-n-octyl phthalate
Concen: 97.189 ng
RT: 22.898 min Scan# 3368
Delta R.T. 0.029 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:149 Resp:10239008
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.1 5.8 8.8

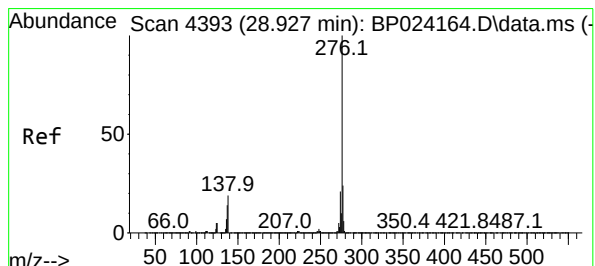
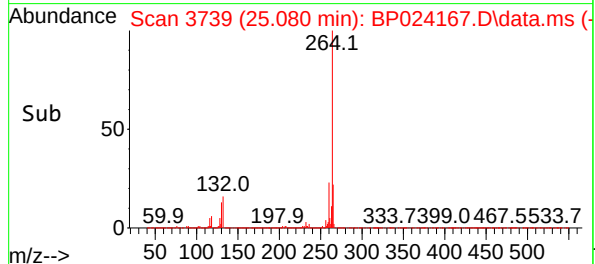
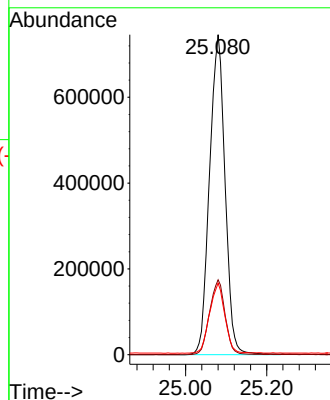
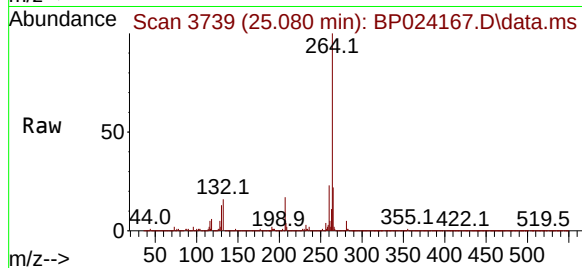




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.080 min Scan# 31
Delta R.T. 0.023 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

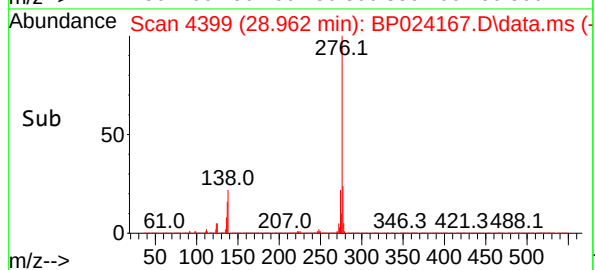
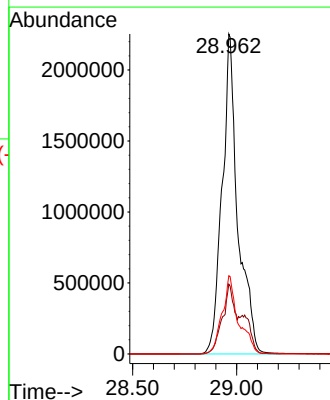
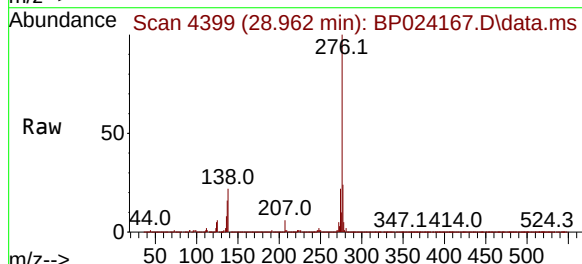
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

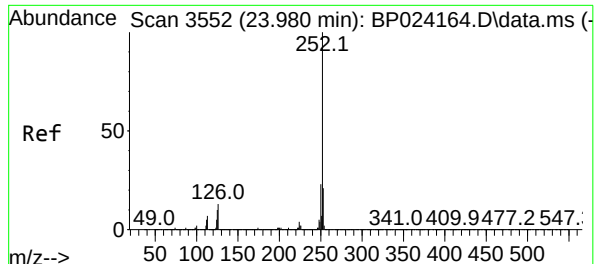
Tgt Ion:264 Resp: 1974592
Ion Ratio Lower Upper
264 100
260 23.4 18.5 27.7
265 22.3 17.7 26.5



#87
Indeno(1,2,3-cd)pyrene
Concen: 84.301 ng
RT: 28.962 min Scan# 4399
Delta R.T. 0.035 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:276 Resp:11842118
Ion Ratio Lower Upper
276 100
138 16.9 13.7 20.5
277 25.4 20.2 30.2





#88

Benzo(b)fluoranthene

Concen: 79.623 ng

RT: 24.004 min Scan# 3556

Delta R.T. 0.023 min

Lab File: BP024167.D

Acq: 12 Mar 2025 21:02

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

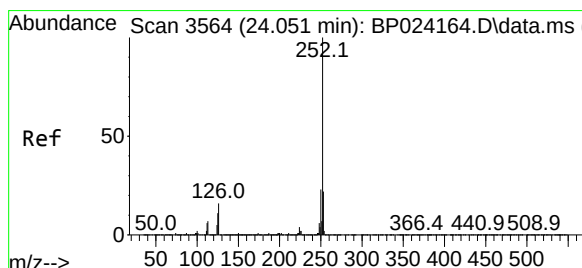
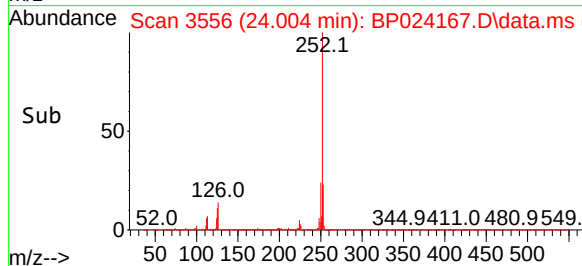
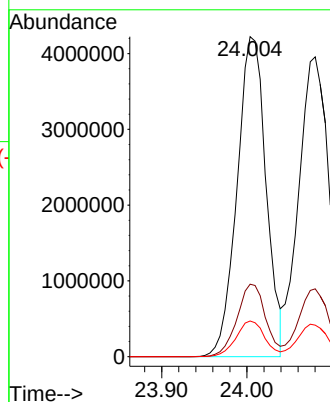
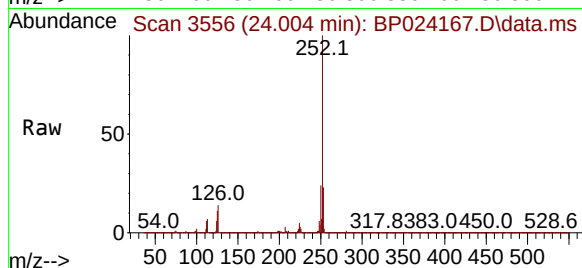
Tgt Ion:252 Resp: 9984031

Ion Ratio Lower Upper

252 100

253 22.7 17.2 25.8

125 11.1 8.2 12.4



#89

Benzo(k)fluoranthene

Concen: 79.712 ng

RT: 24.080 min Scan# 3569

Delta R.T. 0.029 min

Lab File: BP024167.D

Acq: 12 Mar 2025 21:02

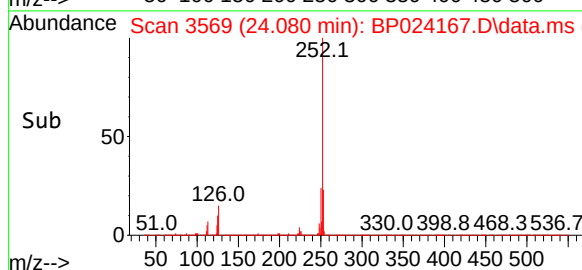
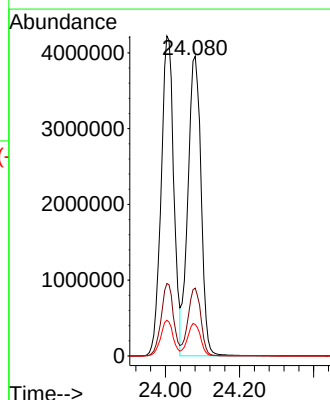
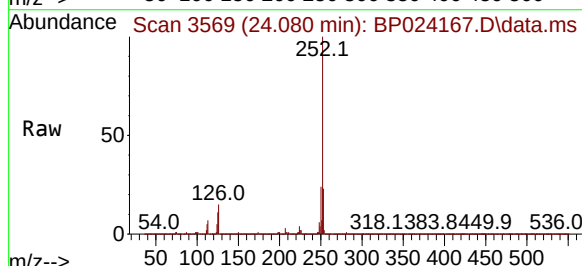
Tgt Ion:252 Resp: 9728938

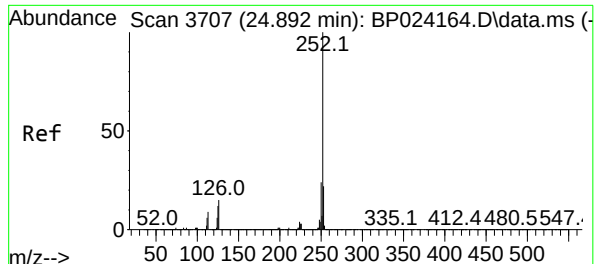
Ion Ratio Lower Upper

252 100

253 22.6 17.7 26.5

125 10.5 9.1 13.7

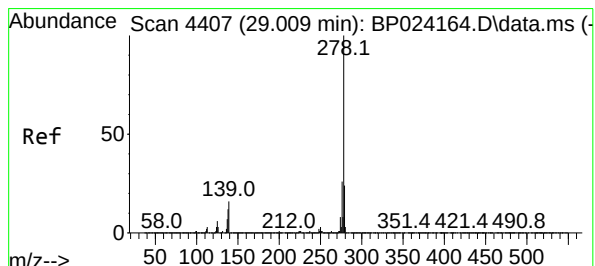
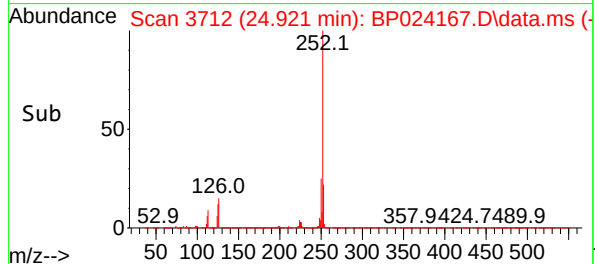
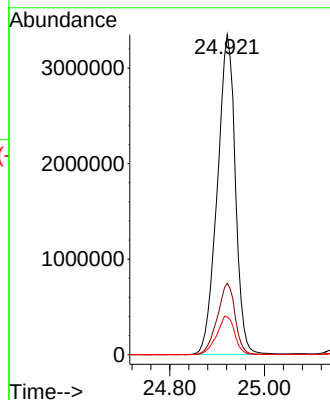
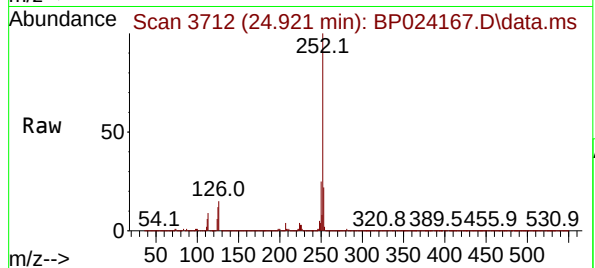




#90
Benzo(a)pyrene
Concen: 83.259 ng
RT: 24.921 min Scan# 31
Delta R.T. 0.029 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

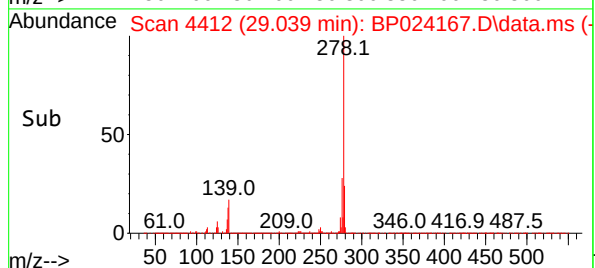
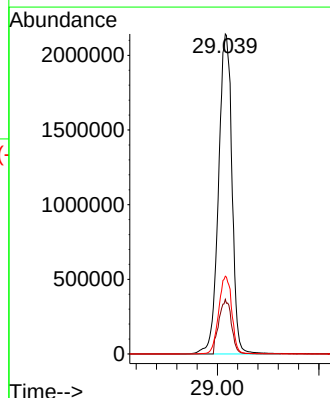
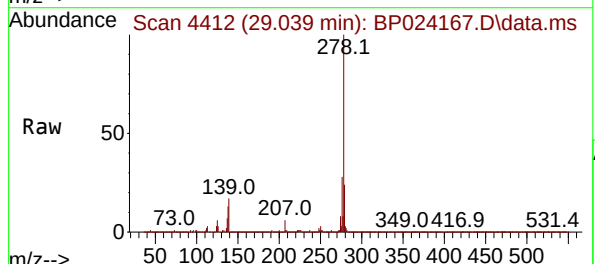
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

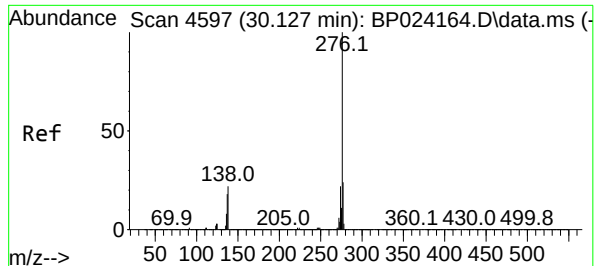
Tgt Ion:252 Resp: 8860063
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 11.8 9.6 14.4



#91
Dibenzo(a,h)anthracene
Concen: 83.210 ng
RT: 29.039 min Scan# 4412
Delta R.T. 0.029 min
Lab File: BP024167.D
Acq: 12 Mar 2025 21:02

Tgt Ion:278 Resp: 9828241
Ion Ratio Lower Upper
278 100
139 17.1 13.0 19.4
279 24.3 18.8 28.2





#92

Benzo(g,h,i)perylene

Concen: 82.940 ng

RT: 30.180 min Scan# 4

Delta R.T. 0.053 min

Lab File: BP024167.D

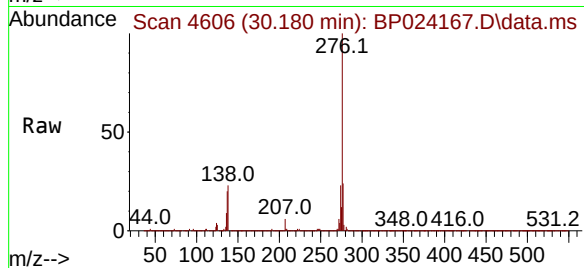
Acq: 12 Mar 2025 21:02

Instrument :

BNA_P

ClientSampleId :

SSTDICC080



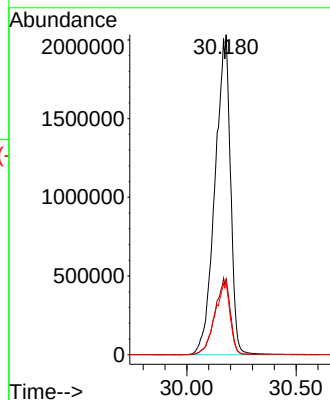
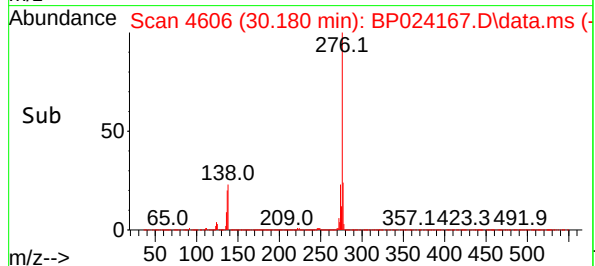
Tgt Ion:276 Resp: 9940803

Ion Ratio Lower Upper

276 100

277 23.6 19.2 28.8

138 23.0 17.4 26.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
 Data File : BP024168.D
 Acq On : 12 Mar 2025 21:43
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVP031225

Quant Time: Mar 13 04:44:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 04:38:17 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	399821	20.000	ng	0.00
21) Naphthalene-d8	10.552	136	1631941	20.000	ng	0.00
39) Acenaphthene-d10	14.404	164	966525	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1810172	20.000	ng	0.00
76) Chrysene-d12	21.669	240	1903114	20.000	ng	0.01
86) Perylene-d12	25.069	264	2127367	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	1959434	78.230	ng	0.00
7) Phenol-d6	6.952	99	2636154	78.704	ng	0.00
23) Nitrobenzene-d5	8.922	82	2274955	78.652	ng	0.00
42) 2,4,6-Tribromophenol	15.922	330	995466	81.766	ng	0.00
45) 2-Fluorobiphenyl	13.022	172	5105223	77.885	ng	0.00
79) Terphenyl-d14	19.933	244	7241807	78.549	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.317	88	376087	37.880	ng	99
3) Pyridine	3.717	79	1050879	38.718	ng	99
4) n-Nitrosodimethylamine	3.623	42	350385	38.646	ng	98
6) Aniline	7.111	93	1202738	39.413	ng	100
8) 2-Chlorophenol	7.346	128	1059150	39.149	ng	100
9) Benzaldehyde	6.922	77	652848	40.389	ng	99
10) Phenol	6.981	94	1314283	38.869	ng	99
11) bis(2-Chloroethyl)ether	7.199	93	1018670	38.203	ng	99
12) 1,3-Dichlorobenzene	7.664	146	1118950	38.353	ng	99
13) 1,4-Dichlorobenzene	7.805	146	1130770	37.960	ng	99
14) 1,2-Dichlorobenzene	8.122	146	1089564	38.116	ng	100
15) Benzyl Alcohol	8.011	79	848187	39.999	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.299	45	1043834	38.356	ng	99
17) 2-Methylphenol	8.216	107	840413	39.636	ng	100
18) Hexachloroethane	8.846	117	407804	38.587	ng	98
19) n-Nitroso-di-n-propyla...	8.575	70	771380	39.697	ng	99
20) 3+4-Methylphenols	8.540	107	1154401	39.629	ng	100
22) Acetophenone	8.587	105	1593044	38.611	ng	100
24) Nitrobenzene	8.963	77	1114096	39.045	ng	99
25) Isophorone	9.487	82	1967247	39.677	ng	99
26) 2-Nitrophenol	9.669	139	570971	41.892	ng	98
27) 2,4-Dimethylphenol	9.734	122	697163	39.779	ng	98
28) bis(2-Chloroethoxy)met...	9.963	93	1346656	38.608	ng	100
29) 2,4-Dichlorophenol	10.205	162	961583	40.558	ng	99
30) 1,2,4-Trichlorobenzene	10.416	180	1002302	38.264	ng	99
31) Naphthalene	10.605	128	3306535	38.223	ng	100
32) Benzoic acid	9.881	122	745543	43.618	ng	98
33) 4-Chloroaniline	10.710	127	1222820	39.499	ng	100
34) Hexachlorobutadiene	10.887	225	585728	38.854	ng	98
35) Caprolactam	11.499	113	317484	40.859	ng	97
36) 4-Chloro-3-methylphenol	11.840	107	1015423	39.702	ng	99
37) 2-Methylnaphthalene	12.210	142	2265320	38.762	ng	99
38) 1-Methylnaphthalene	12.434	142	2209719	38.874	ng	99
40) 1,2,4,5-Tetrachloroben...	12.581	216	1089303	38.988	ng	100
41) Hexachlorocyclopentadiene	12.569	237	413181	41.026	ng	100
43) 2,4,6-Trichlorophenol	12.828	196	727105	40.950	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
 Data File : BP024168.D
 Acq On : 12 Mar 2025 21:43
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP031225

Quant Time: Mar 13 04:44:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 04:38:17 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.904	196	798076	40.985	ng	98
46) 1,1'-Biphenyl	13.228	154	2821370	38.846	ng	99
47) 2-Chloronaphthalene	13.269	162	2130879	39.006	ng	100
48) 2-Nitroaniline	13.475	65	574806	41.137	ng	99
49) Acenaphthylene	14.122	152	3245488	39.262	ng	100
50) Dimethylphthalate	13.863	163	2606961	38.548	ng	99
51) 2,6-Dinitrotoluene	13.975	165	563651	39.611	ng	98
52) Acenaphthene	14.475	154	2053476	38.881	ng	98
53) 3-Nitroaniline	14.310	138	625803	40.719	ng	99
54) 2,4-Dinitrophenol	14.516	184	322185	42.791	ng	98
55) Dibenzofuran	14.810	168	3273448	38.264	ng	100
56) 4-Nitrophenol	14.634	139	543119	42.293	ng	98
57) 2,4-Dinitrotoluene	14.769	165	772629	41.106	ng	99
58) Fluorene	15.469	166	2603595	39.061	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.040	232	685479	39.844	ng	100
60) Diethylphthalate	15.240	149	2595505	38.539	ng	100
61) 4-Chlorophenyl-phenyle...	15.469	204	1261005	38.572	ng	99
62) 4-Nitroaniline	15.493	138	664956	41.253	ng	99
63) Azobenzene	15.769	77	2497600	39.347	ng	99
65) 4,6-Dinitro-2-methylph...	15.551	198	434596	40.442	ng	95
66) n-Nitrosodiphenylamine	15.681	169	2156617	39.234	ng	99
67) 4-Bromophenyl-phenylether	16.375	248	772937	38.892	ng	98
68) Hexachlorobenzene	16.498	284	919105	39.073	ng	97
69) Atrazine	16.657	200	481443	36.287	ng	99
70) Pentachlorophenol	16.851	266	626146	41.161	ng	100
71) Phenanthrene	17.251	178	3795212	38.379	ng	99
72) Anthracene	17.351	178	3790779	39.358	ng	99
73) Carbazole	17.628	167	3684202	39.665	ng	100
74) Di-n-butylphthalate	18.222	149	4505984	40.866	ng	100
75) Fluoranthene	19.345	202	4467370	39.006	ng	99
77) Benzidine	19.534	184	827654	39.777	ng	99
78) Pyrene	19.716	202	4681182	39.565	ng	100
80) Butylbenzylphthalate	20.669	149	1991838	40.824	ng	98
81) Benzo(a)anthracene	21.651	228	4652183	39.318	ng	99
82) 3,3'-Dichlorobenzidine	21.569	252	1655655	41.750	ng	99
83) Chrysene	21.716	228	4393252	38.624	ng	99
84) Bis(2-ethylhexyl)phtha...	21.586	149	3060349	41.569	ng	99
85) Di-n-octyl phthalate	22.886	149	5007462	42.452	ng	100
87) Indeno(1,2,3-cd)pyrene	28.957	276	5699470	38.387	ng	100
88) Benzo(b)fluoranthene	23.992	252	4988392	38.891	ng	98
89) Benzo(k)fluoranthene	24.069	252	4803010	38.280	ng	99
90) Benzo(a)pyrene	24.916	252	4306060	38.607	ng	100
91) Dibenzo(a,h)anthracene	29.027	278	4752357	38.474	ng	99
92) Benzo(g,h,i)perylene	30.127	276	4782473m	38.087	ng	

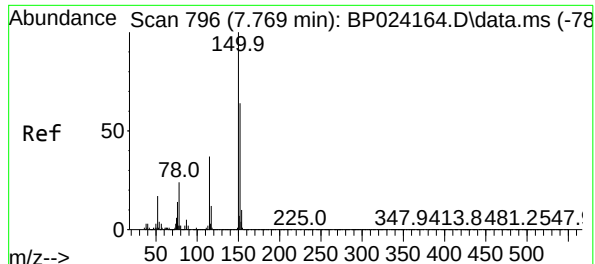
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Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Abundance

TIC: BP024168.D\data.ms

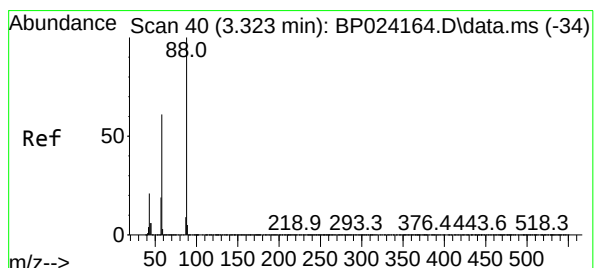
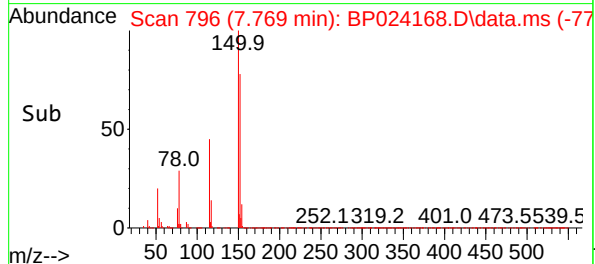
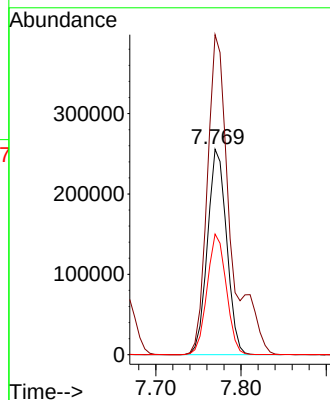
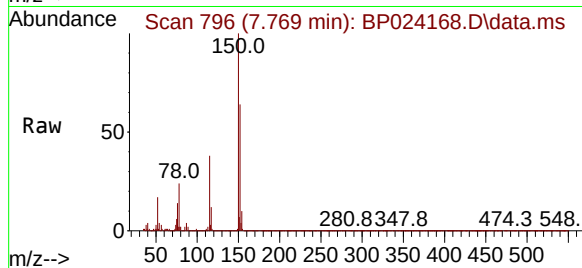
Time-->



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 796
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

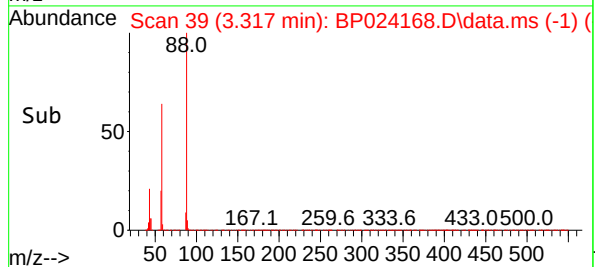
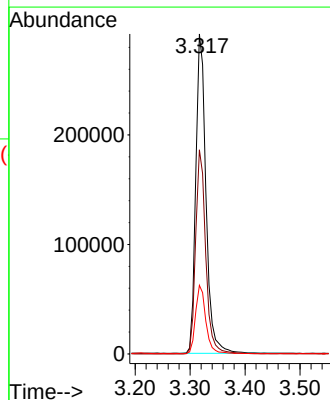
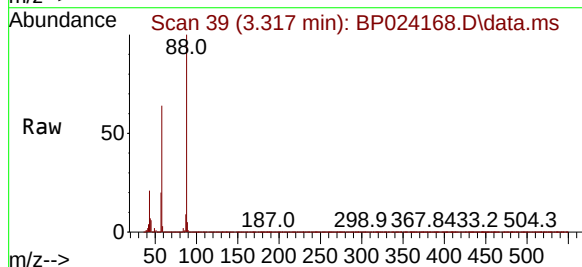
Instrument :
BNA_P
ClientSampleId :
ICVBP031225

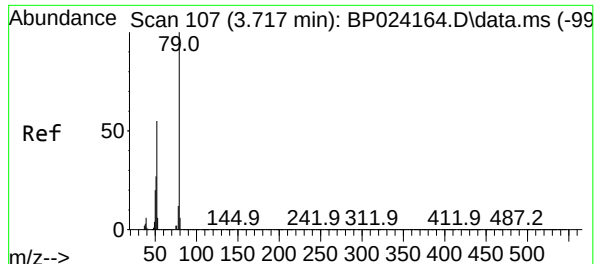
Tgt Ion:152 Resp: 399821
Ion Ratio Lower Upper
152 100
150 155.8 125.5 188.3
115 58.8 46.3 69.5



#2
1,4-Dioxane
Concen: 37.880 ng
RT: 3.317 min Scan# 39
Delta R.T. -0.006 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion: 88 Resp: 376087
Ion Ratio Lower Upper
88 100
58 63.2 49.8 74.6
43 21.7 17.3 25.9

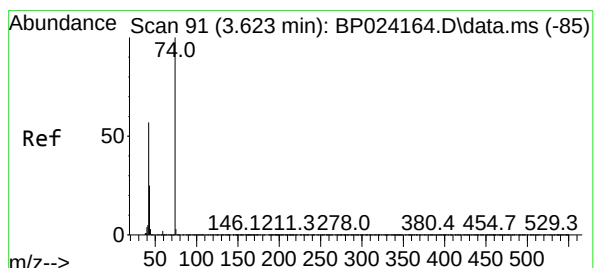
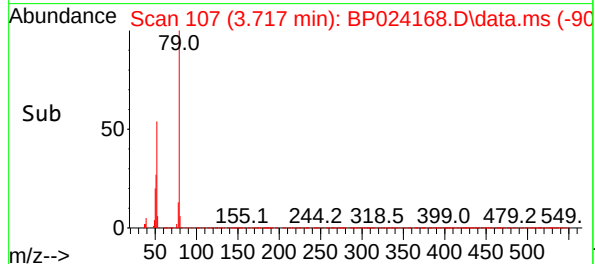
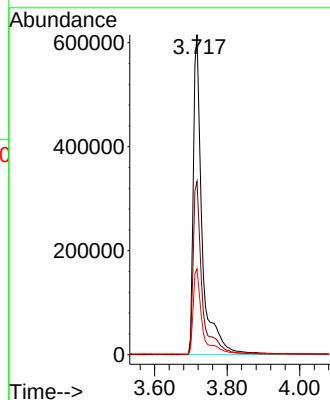
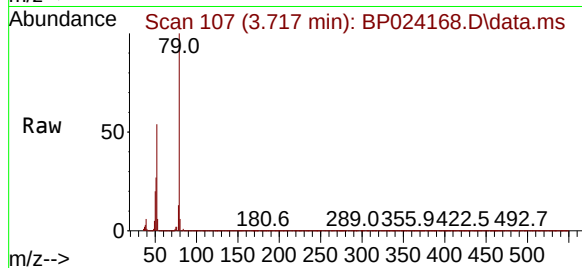




#3
Pyridine
Concen: 38.718 ng
RT: 3.717 min Scan# 107
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

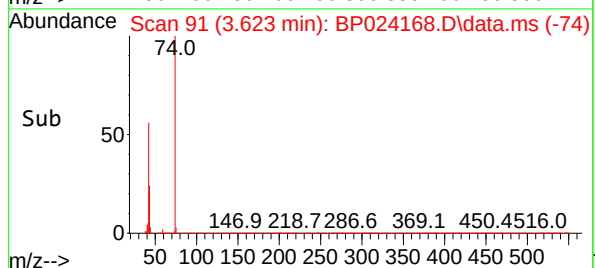
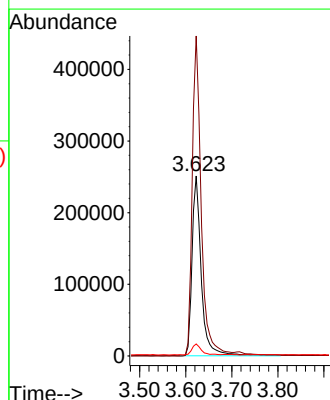
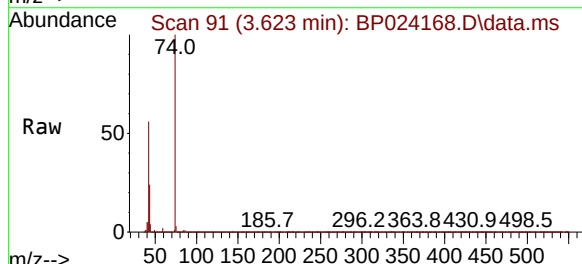
Instrument :
BNA_P
ClientSampleId :
ICVBP031225

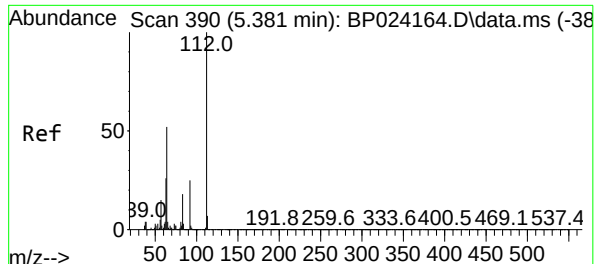
Tgt Ion: 79 Resp: 1050879
Ion Ratio Lower Upper
79 100
52 54.2 43.8 65.8
51 26.8 21.6 32.4



#4
n-Nitrosodimethylamine
Concen: 38.646 ng
RT: 3.623 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion: 42 Resp: 350385
Ion Ratio Lower Upper
42 100
74 177.7 139.8 209.6
44 6.7 5.3 7.9





#5

2-Fluorophenol

Concen: 78.230 ng

RT: 5.381 min Scan# 390

Delta R.T. 0.000 min

Lab File: BP024168.D

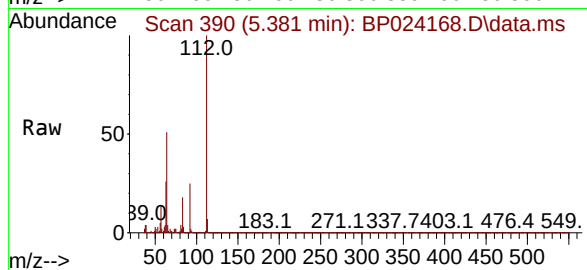
Acq: 12 Mar 2025 21:43

Instrument :

BNA_P

ClientSampleId :

ICVBP031225



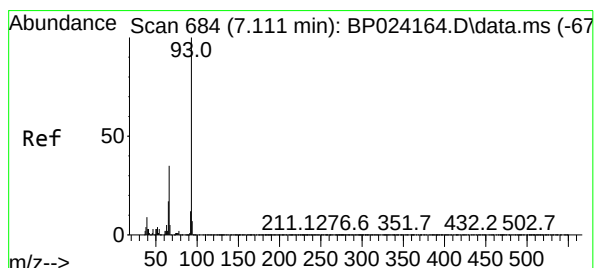
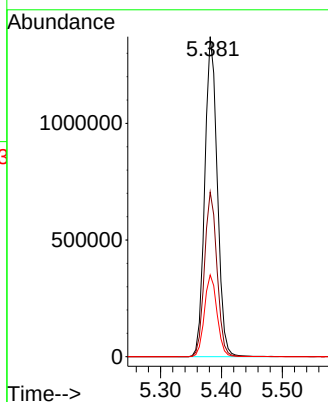
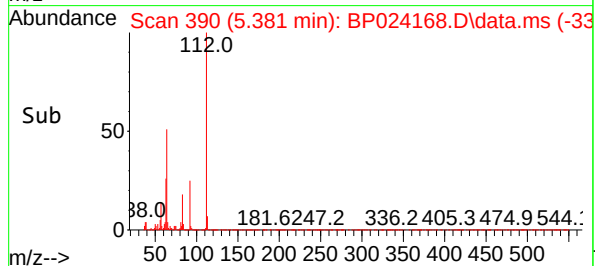
Tgt Ion:112 Resp: 1959434

Ion Ratio Lower Upper

112 100

64 51.4 41.3 61.9

63 25.6 20.6 31.0



#6

Aniline

Concen: 39.413 ng

RT: 7.111 min Scan# 684

Delta R.T. 0.000 min

Lab File: BP024168.D

Acq: 12 Mar 2025 21:43

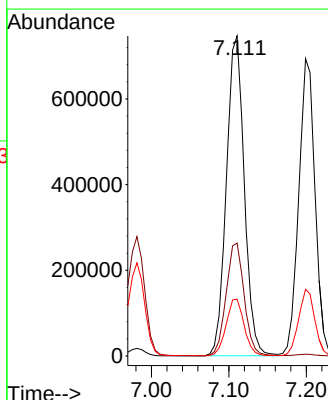
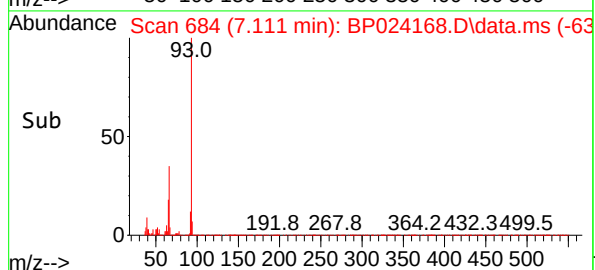
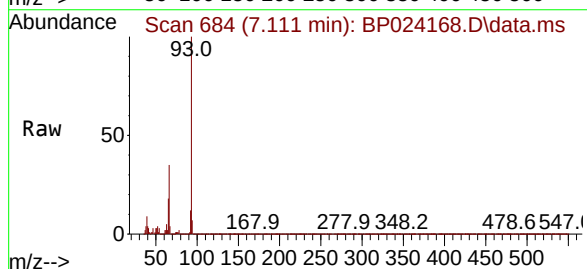
Tgt Ion: 93 Resp: 1202738

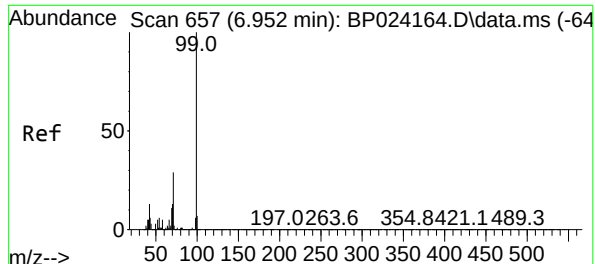
Ion Ratio Lower Upper

93 100

66 35.3 28.2 42.2

65 17.8 14.0 21.0





#7

Phenol-d6

Concen: 78.704 ng

RT: 6.952 min Scan# 61

Delta R.T. 0.000 min

Lab File: BP024168.D

Acq: 12 Mar 2025 21:43

Instrument :

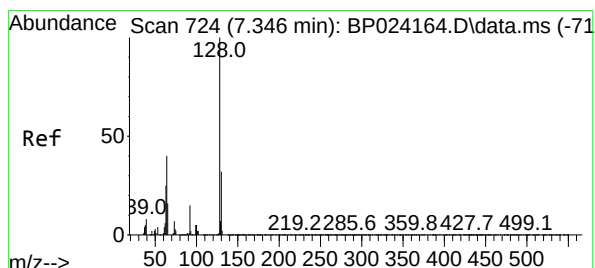
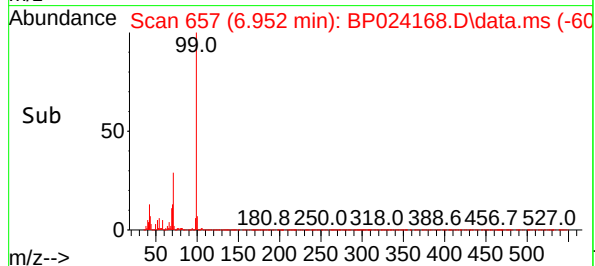
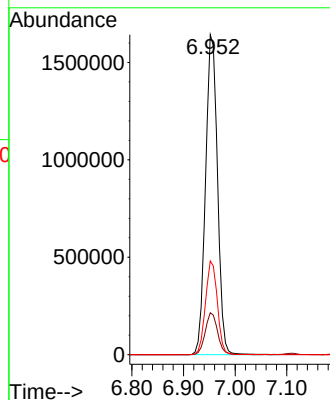
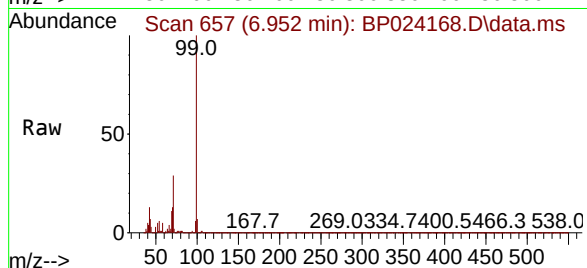
BNA_P

ClientSampleId :

ICVBP031225

Tgt Ion: 99 Resp: 2636154

Ion	Ratio	Lower	Upper
99	100		
42	13.1	10.6	16.0
71	29.3	23.3	34.9



#8

2-Chlorophenol

Concen: 39.149 ng

RT: 7.346 min Scan# 724

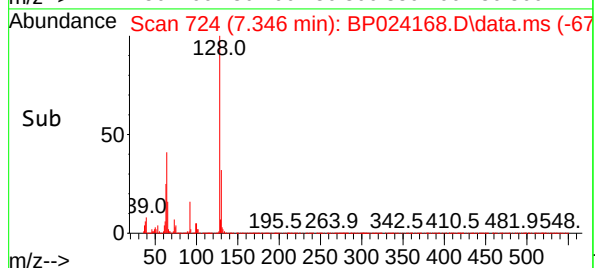
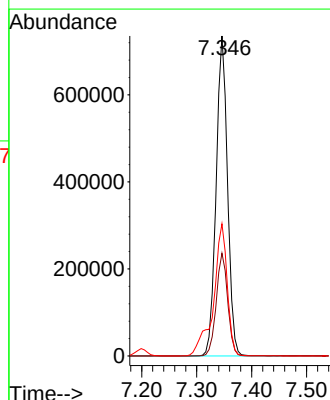
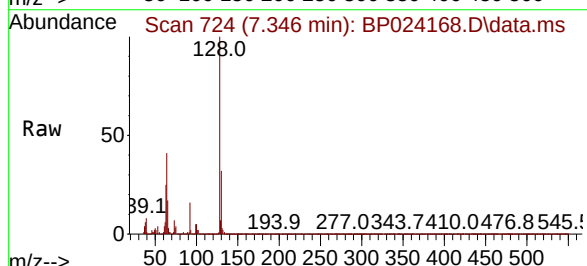
Delta R.T. 0.000 min

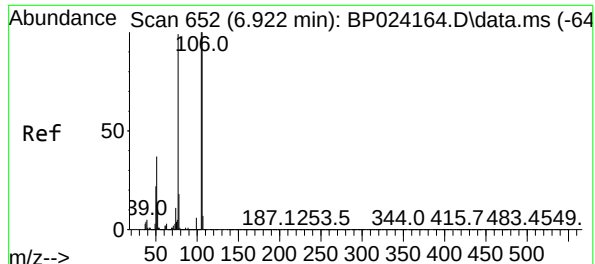
Lab File: BP024168.D

Acq: 12 Mar 2025 21:43

Tgt Ion: 128 Resp: 1059150

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.0	52.0
64	41.3	21.6	61.6

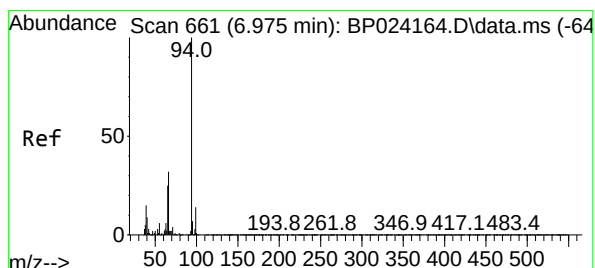
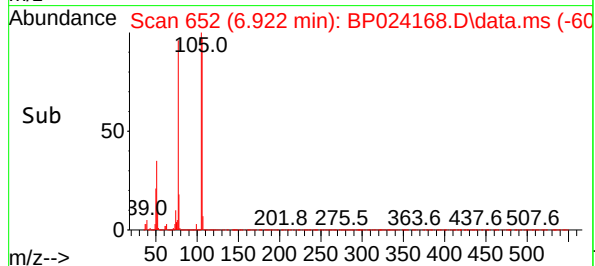
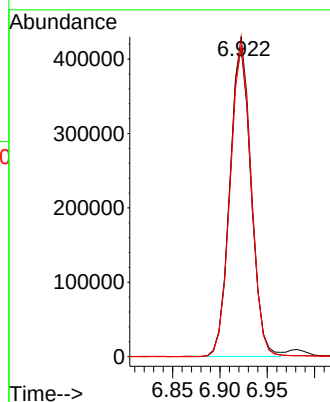
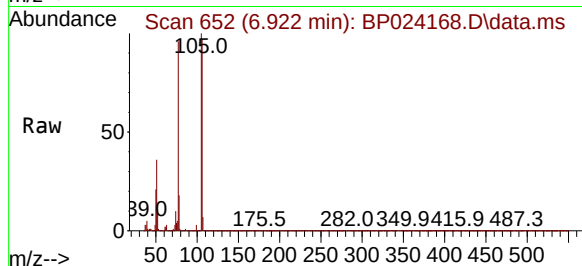




#9
Benzaldehyde
Concen: 40.389 ng
RT: 6.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

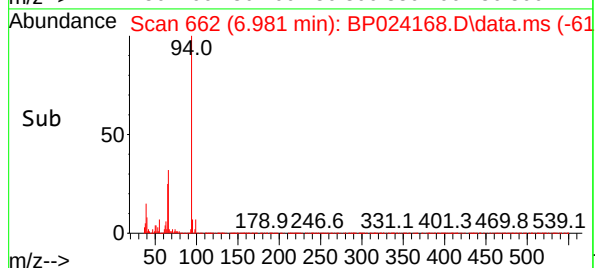
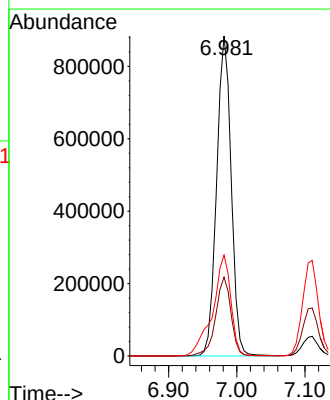
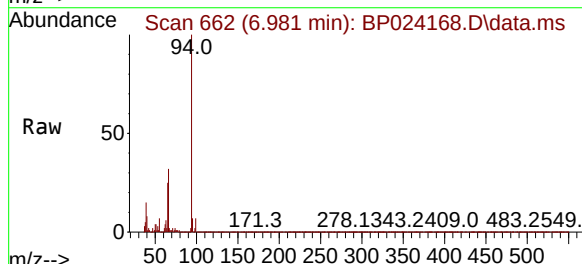
Instrument :
BNA_P
ClientSampleId :
ICVBP031225

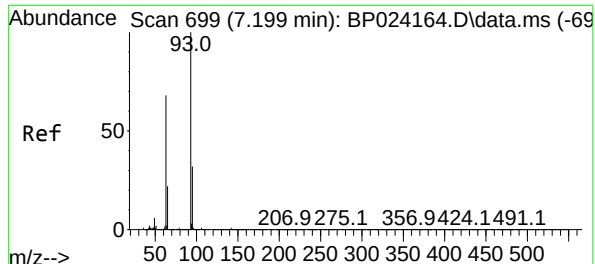
Tgt Ion: 77 Resp: 652848
Ion Ratio Lower Upper
77 100
105 103.7 81.4 121.4
106 100.8 81.1 121.1



#10
Phenol
Concen: 38.869 ng
RT: 6.981 min Scan# 662
Delta R.T. 0.006 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion: 94 Resp: 1314283
Ion Ratio Lower Upper
94 100
65 24.6 4.9 44.9
66 31.5 11.9 51.9

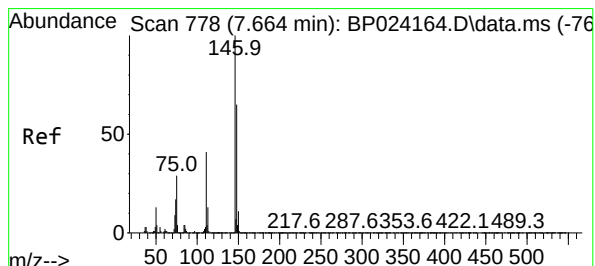
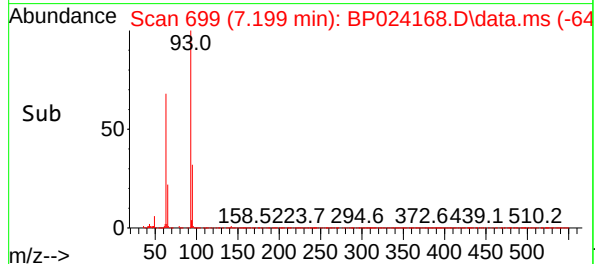
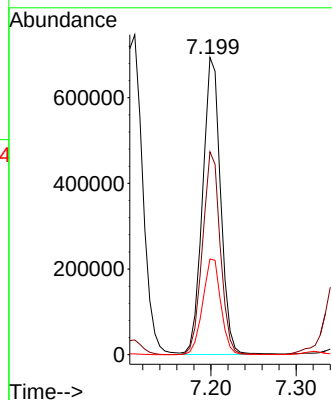
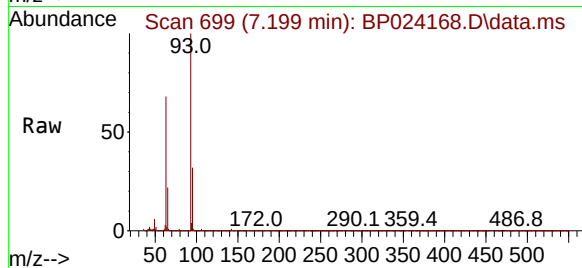




#11
bis(2-Chloroethyl)ether
Concen: 38.203 ng
RT: 7.199 min Scan# 699
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

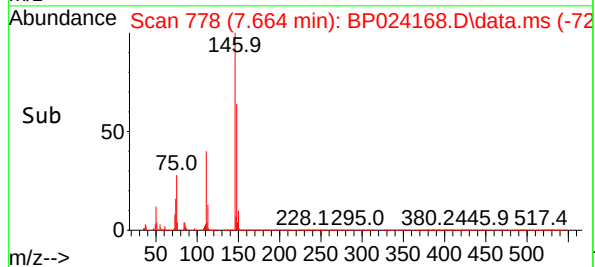
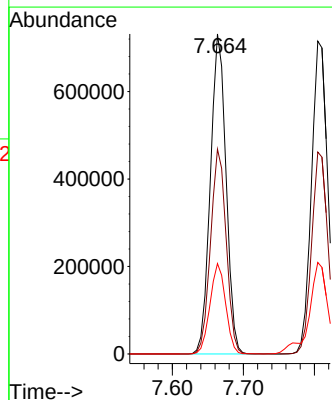
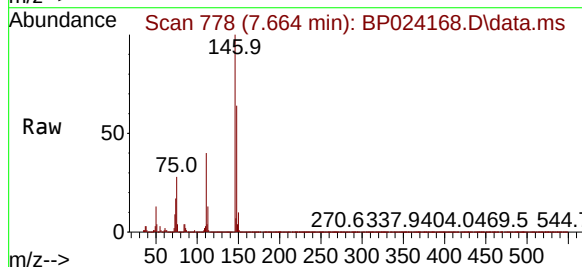
Instrument :
BNA_P
ClientSampleId :
ICVBP031225

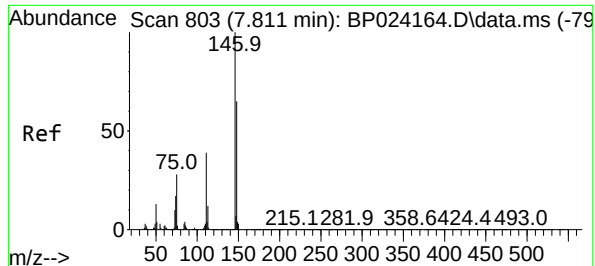
Tgt Ion: 93 Resp: 1018670
Ion Ratio Lower Upper
93 100
63 68.3 47.4 87.4
95 32.2 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 38.353 ng
RT: 7.664 min Scan# 778
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion: 146 Resp: 1118950
Ion Ratio Lower Upper
146 100
148 64.0 51.6 77.4
75 28.2 22.8 34.2





#13

1,4-Dichlorobenzene

Concen: 37.960 ng

RT: 7.805 min Scan# 803

Delta R.T. -0.006 min

Lab File: BP024168.D

Acq: 12 Mar 2025 21:43

Instrument :

BNA_P

ClientSampleId :

ICVBP031225

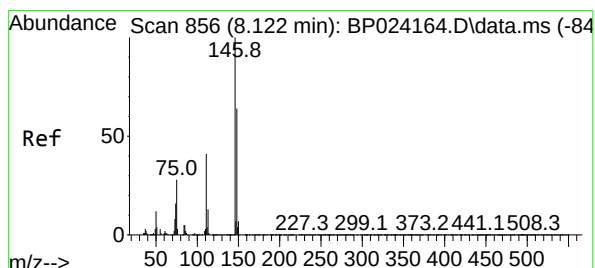
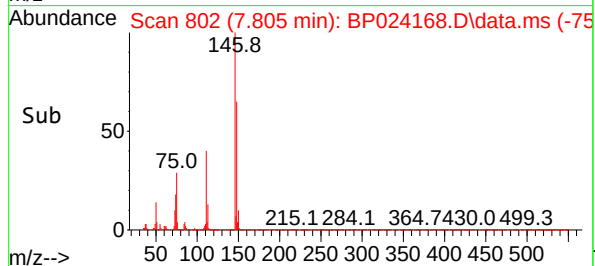
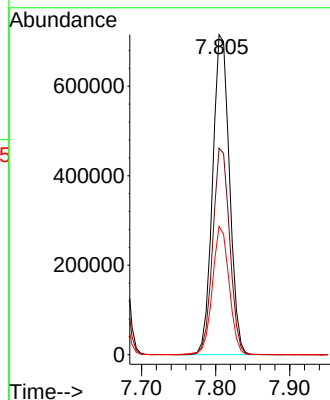
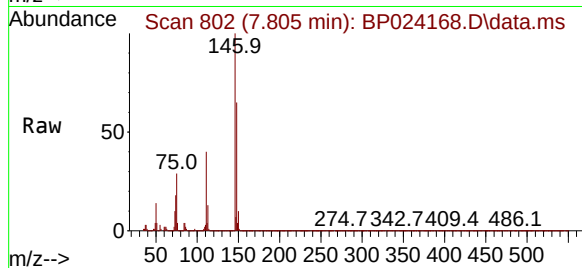
Tgt Ion:146 Resp: 1130770

Ion Ratio Lower Upper

146 100

148 64.5 51.9 77.9

111 40.1 31.4 47.2



#14

1,2-Dichlorobenzene

Concen: 38.116 ng

RT: 8.122 min Scan# 856

Delta R.T. 0.000 min

Lab File: BP024168.D

Acq: 12 Mar 2025 21:43

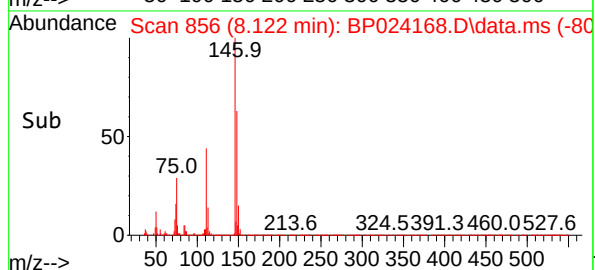
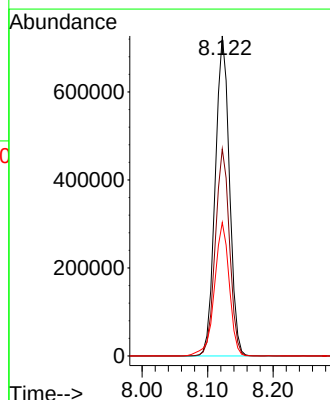
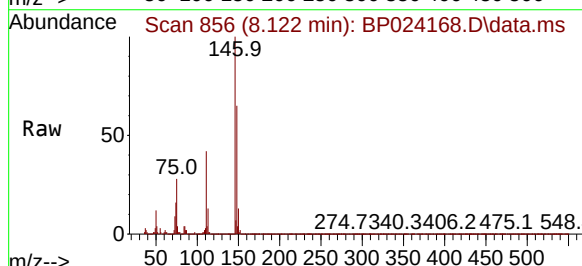
Tgt Ion:146 Resp: 1089564

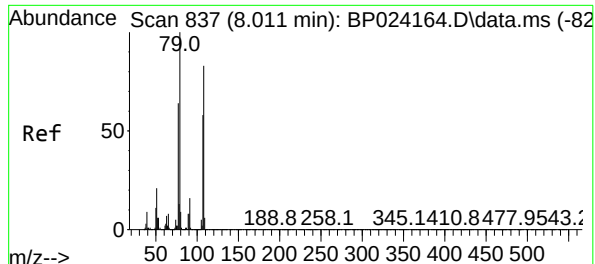
Ion Ratio Lower Upper

146 100

148 64.7 51.4 77.2

111 41.7 33.2 49.8





#15

Benzyl Alcohol

Concen: 39.999 ng

RT: 8.011 min Scan# 81

Delta R.T. 0.000 min

Lab File: BP024168.D

Acq: 12 Mar 2025 21:43

Instrument :

BNA_P

ClientSampleId :

ICVBP031225

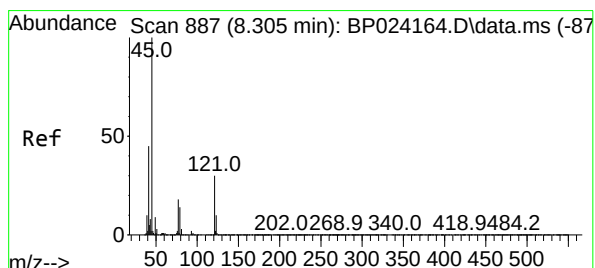
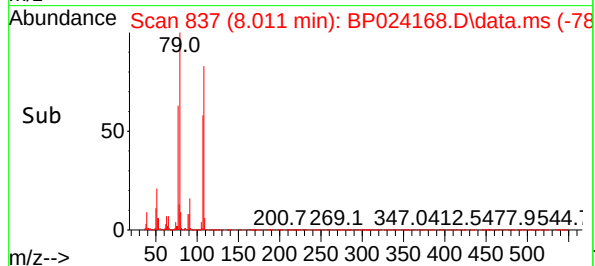
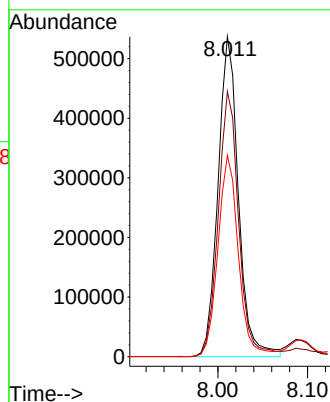
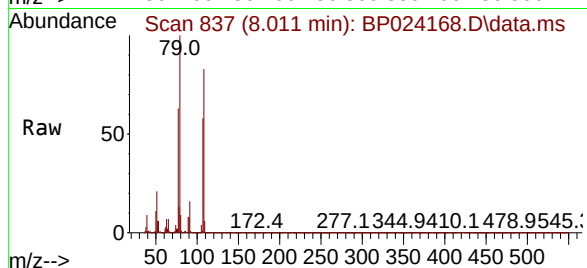
Tgt Ion: 79 Resp: 848187

Ion Ratio Lower Upper

79 100

108 82.9 66.5 99.7

77 63.0 50.9 76.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.356 ng

RT: 8.299 min Scan# 886

Delta R.T. -0.006 min

Lab File: BP024168.D

Acq: 12 Mar 2025 21:43

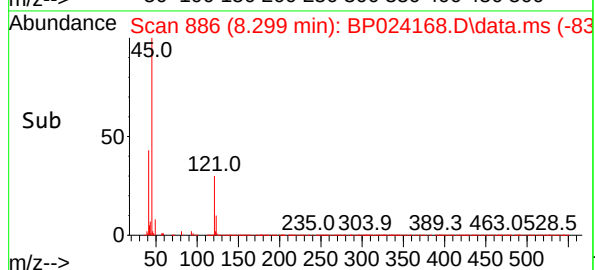
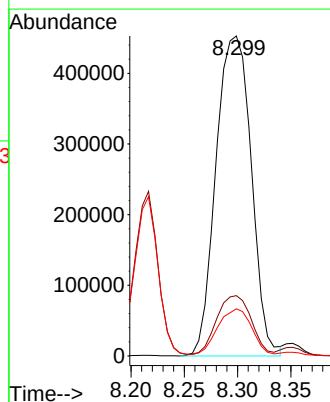
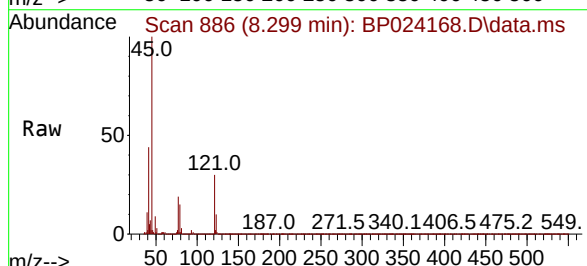
Tgt Ion: 45 Resp: 1043834

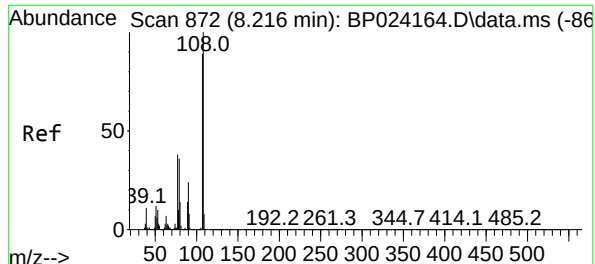
Ion Ratio Lower Upper

45 100

77 18.9 0.0 39.0

79 14.7 0.0 35.6





#17

2-Methylphenol

Concen: 39.636 ng

RT: 8.216 min Scan# 81

Delta R.T. 0.000 min

Lab File: BP024168.D

Acq: 12 Mar 2025 21:43

Instrument :

BNA_P

ClientSampleId :

ICVBP031225

Tgt Ion:107 Resp: 840413

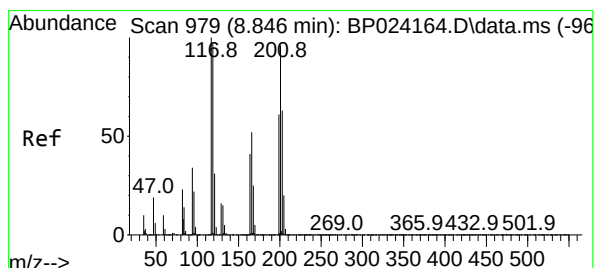
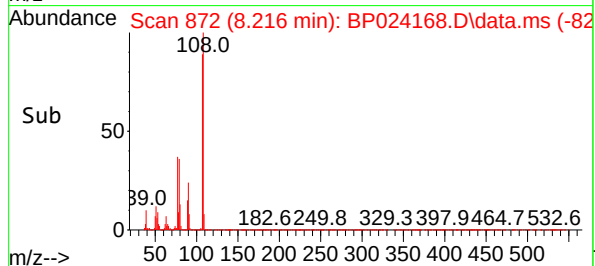
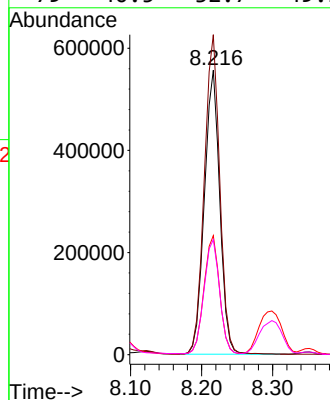
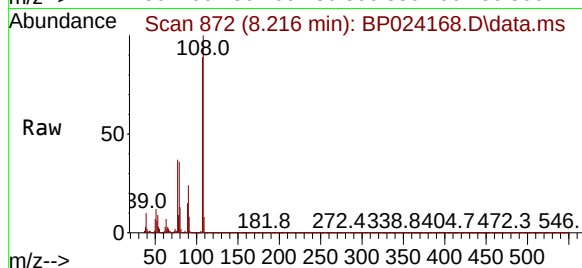
Ion Ratio Lower Upper

107 100

108 112.5 90.0 135.0

77 41.8 34.0 51.0

79 40.5 32.7 49.1



#18

Hexachloroethane

Concen: 38.587 ng

RT: 8.846 min Scan# 979

Delta R.T. 0.000 min

Lab File: BP024168.D

Acq: 12 Mar 2025 21:43

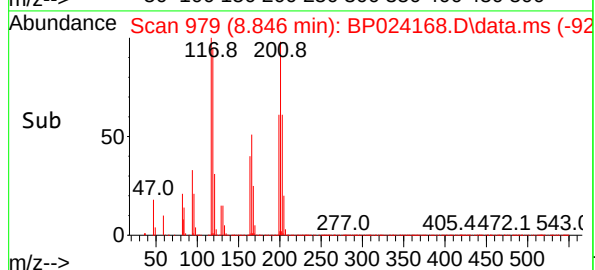
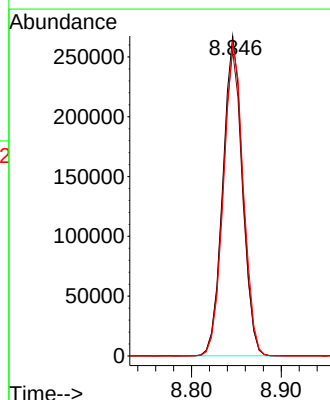
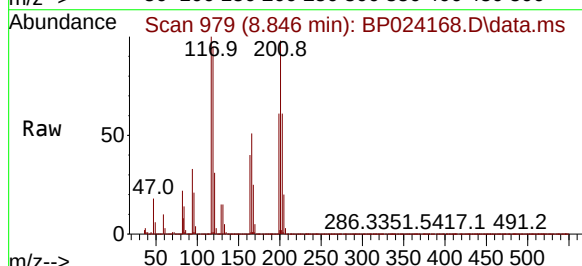
Tgt Ion:117 Resp: 407804

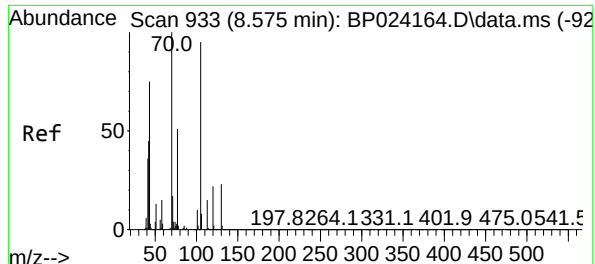
Ion Ratio Lower Upper

117 100

119 95.5 77.4 116.0

201 97.7 76.6 114.8





#19

n-Nitroso-di-n-propylamine

Concen: 39.697 ng

RT: 8.575 min Scan# 91

Delta R.T. 0.000 min

Lab File: BP024168.D

Acq: 12 Mar 2025 21:43

Instrument :

BNA_P

ClientSampleId :

ICVBP031225

Tgt Ion: 70 Resp: 771380

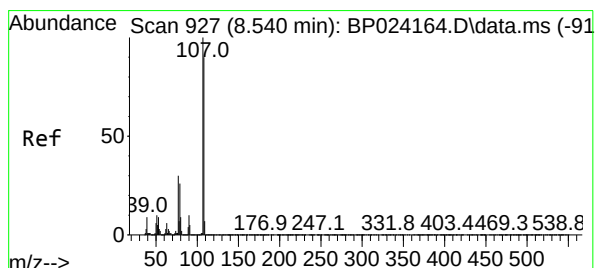
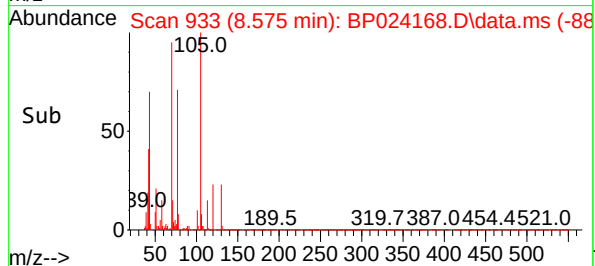
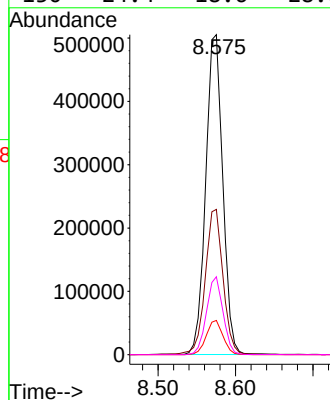
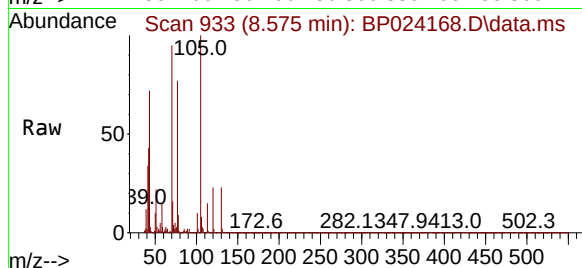
Ion Ratio Lower Upper

70 100

42 45.4 36.0 54.0

101 10.7 8.3 12.5

130 24.4 18.6 28.0



#20

3+4-Methylphenols

Concen: 39.629 ng

RT: 8.540 min Scan# 927

Delta R.T. 0.000 min

Lab File: BP024168.D

Acq: 12 Mar 2025 21:43

Tgt Ion: 107 Resp: 1154401

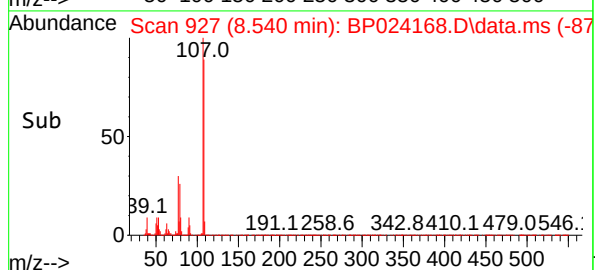
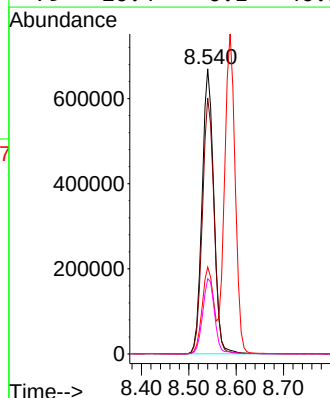
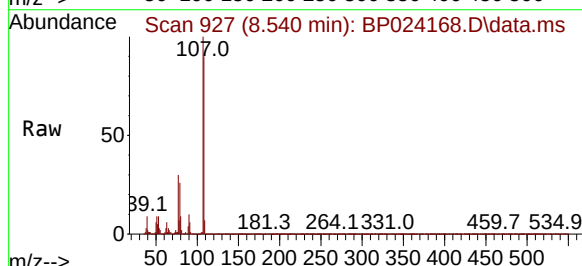
Ion Ratio Lower Upper

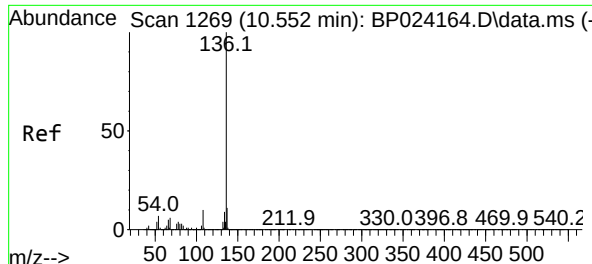
107 100

108 89.8 69.7 109.7

77 30.5 10.3 50.3

79 26.4 6.1 46.1

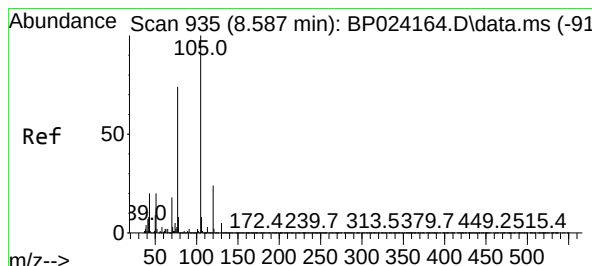
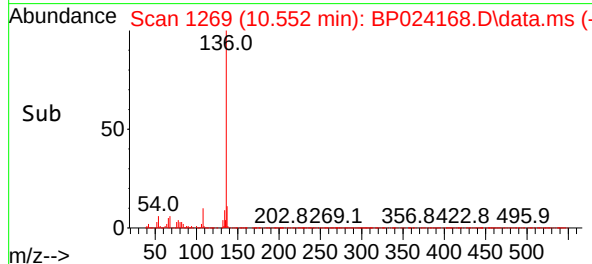
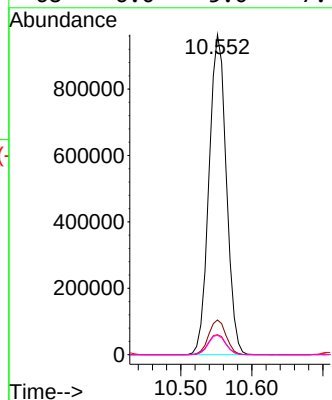
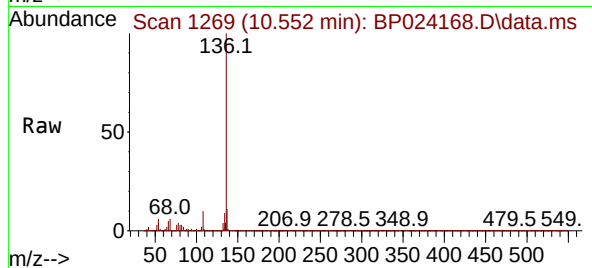




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.552 min Scan# 1269
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

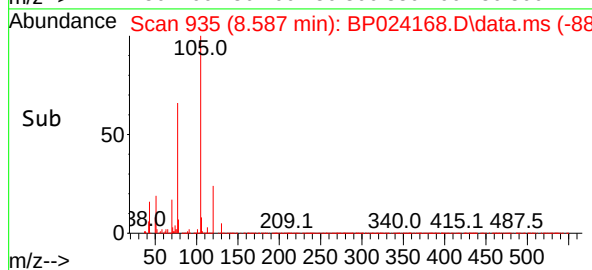
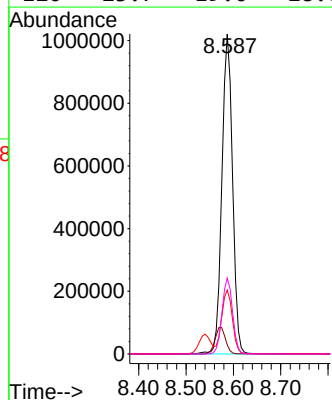
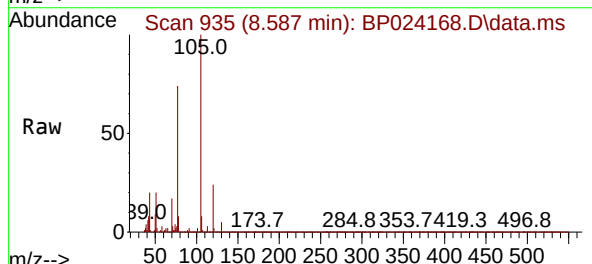
Instrument :
BNA_P
ClientSampleId :
ICVBP031225

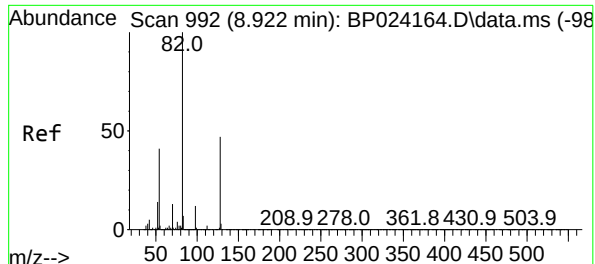
Tgt Ion:136 Resp: 1631941
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 6.3 5.3 7.9
68 6.0 5.0 7.4



#22
Acetophenone
Concen: 38.611 ng
RT: 8.587 min Scan# 935
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:105 Resp: 1593044
Ion Ratio Lower Upper
105 100
71 2.9 2.4 3.6
51 20.0 16.2 24.2
120 23.7 19.0 28.6

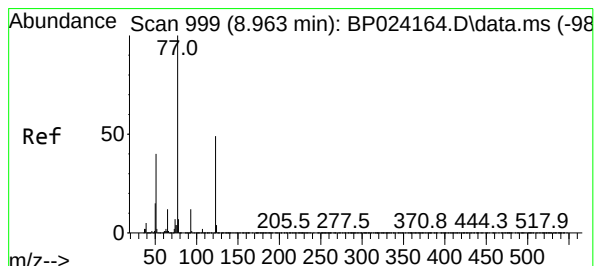
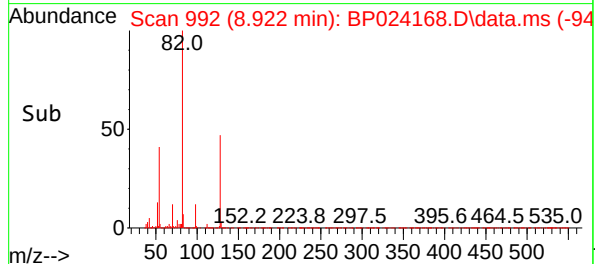
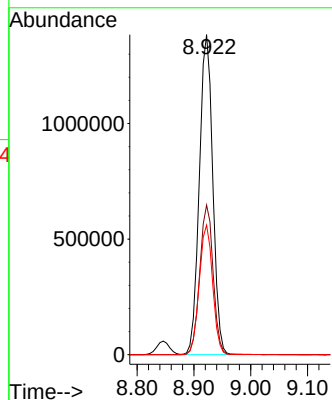
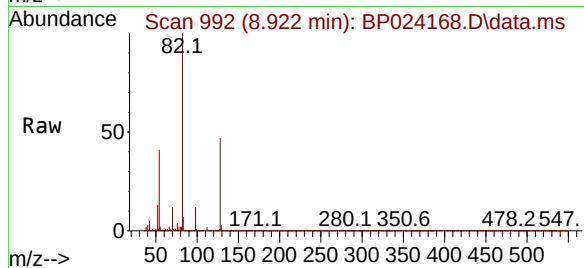




#23
Nitrobenzene-d5
Concen: 78.652 ng
RT: 8.922 min Scan# 992
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

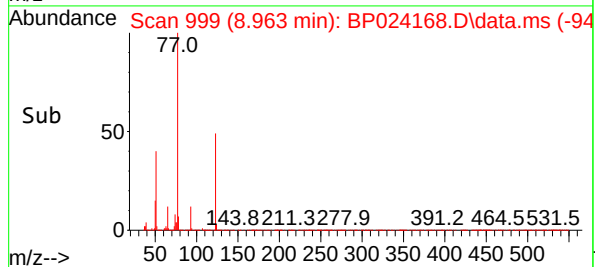
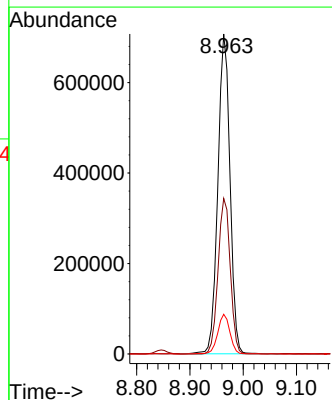
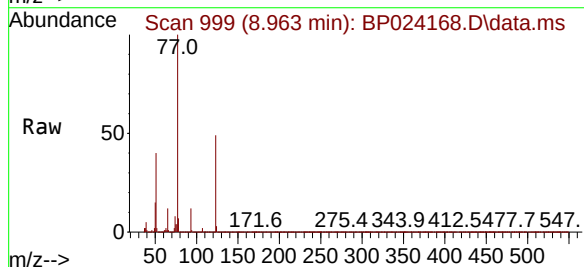
Instrument :
BNA_P
ClientSampleId :
ICVBP031225

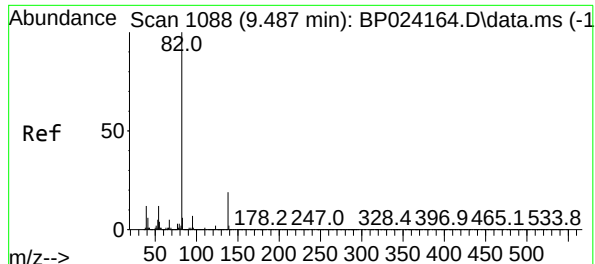
Tgt Ion: 82 Resp: 2274955
Ion Ratio Lower Upper
82 100
128 46.8 37.4 56.0
54 40.5 32.5 48.7



#24
Nitrobenzene
Concen: 39.045 ng
RT: 8.963 min Scan# 999
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion: 77 Resp: 1114096
Ion Ratio Lower Upper
77 100
123 48.6 39.4 59.2
65 12.4 9.9 14.9

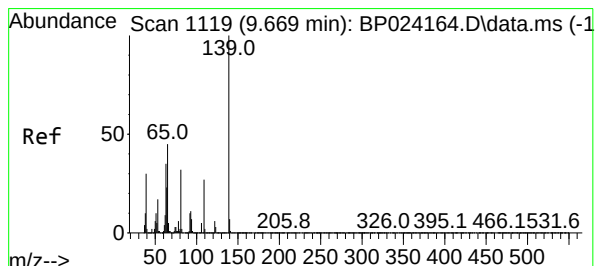
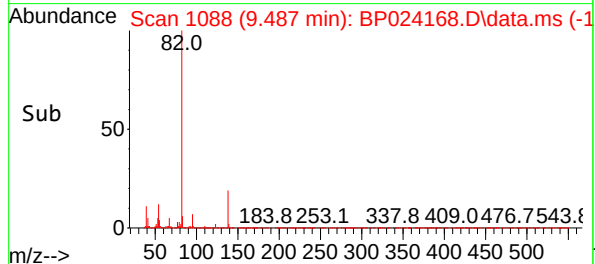
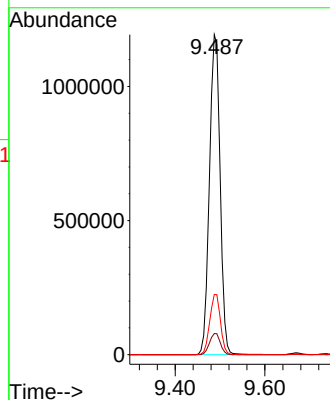
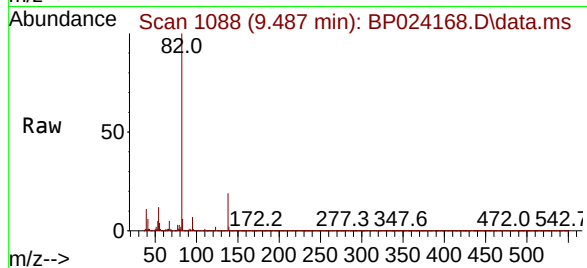




#25
Isophorone
Concen: 39.677 ng
RT: 9.487 min Scan# 1088
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

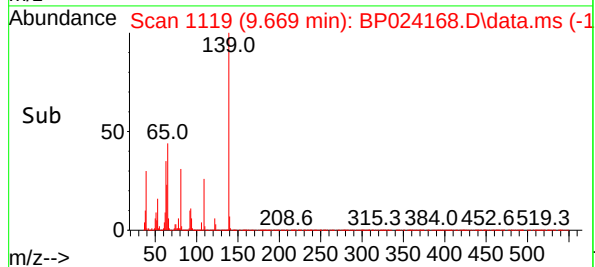
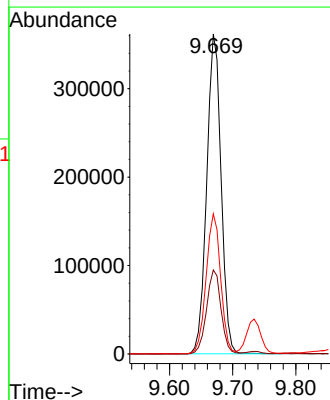
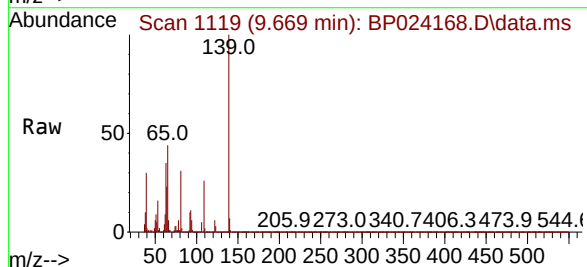
Instrument :
BNA_P
ClientSampleId :
ICVBP031225

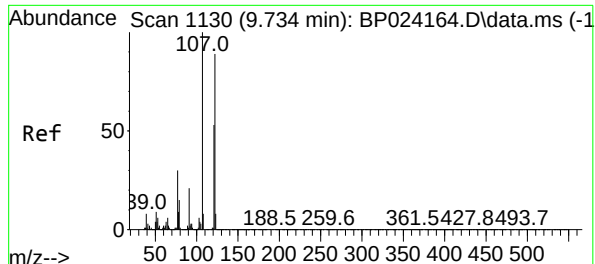
Tgt Ion: 82 Resp: 1967247
Ion Ratio Lower Upper
82 100
95 6.6 5.3 7.9
138 18.8 14.8 22.2



#26
2-Nitrophenol
Concen: 41.892 ng
RT: 9.669 min Scan# 1119
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion: 139 Resp: 570971
Ion Ratio Lower Upper
139 100
109 26.2 21.7 32.5
65 43.8 35.8 53.8





#27

2,4-Dimethylphenol

Concen: 39.779 ng

RT: 9.734 min Scan# 1130

Delta R.T. 0.000 min

Lab File: BP024168.D

Acq: 12 Mar 2025 21:43

Instrument :

BNA_P

ClientSampleId :

ICVBP031225

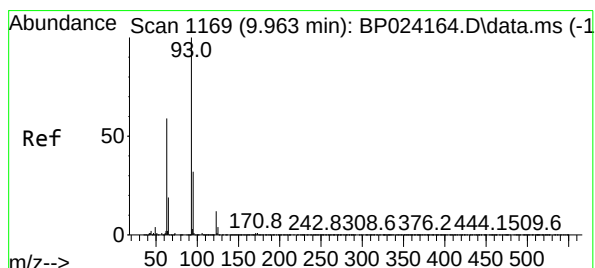
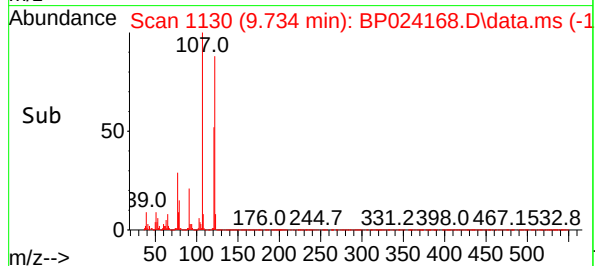
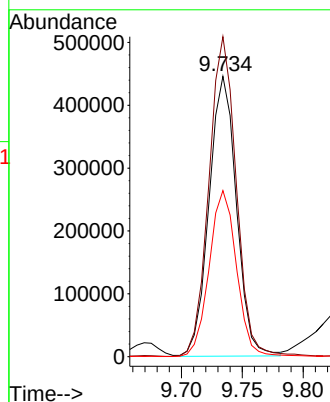
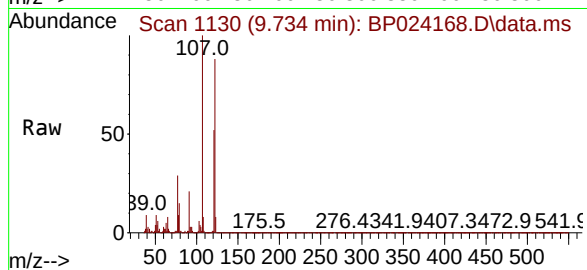
Tgt Ion:122 Resp: 697163

Ion Ratio Lower Upper

122 100

107 114.1 89.3 133.9

121 59.2 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 38.608 ng

RT: 9.963 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BP024168.D

Acq: 12 Mar 2025 21:43

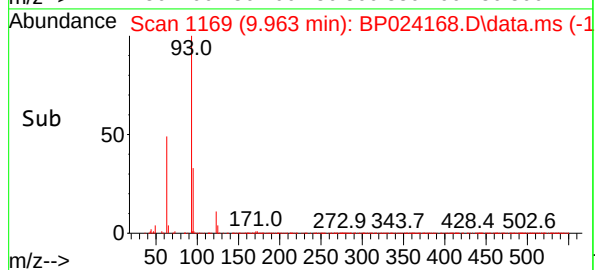
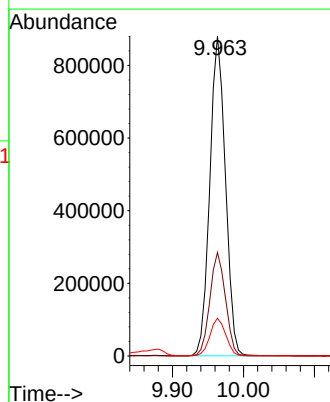
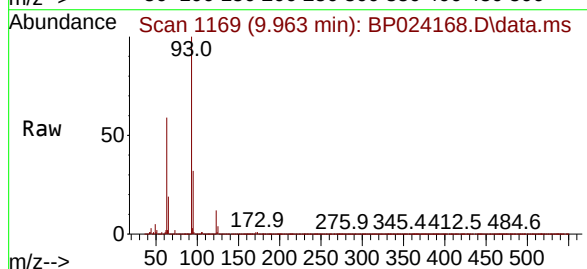
Tgt Ion: 93 Resp: 1346656

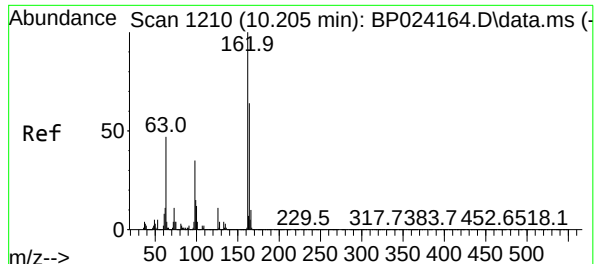
Ion Ratio Lower Upper

93 100

95 32.4 25.9 38.9

123 11.8 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 40.558 ng

RT: 10.205 min Scan# 1210

Delta R.T. 0.000 min

Lab File: BP024168.D

Acq: 12 Mar 2025 21:43

Instrument :

BNA_P

ClientSampleId :

ICVBP031225

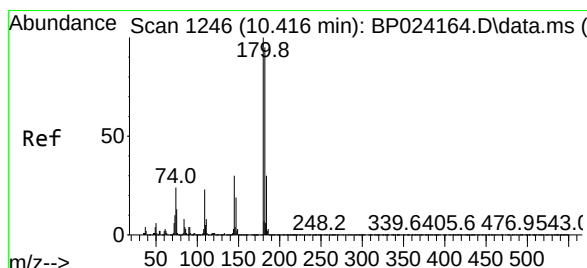
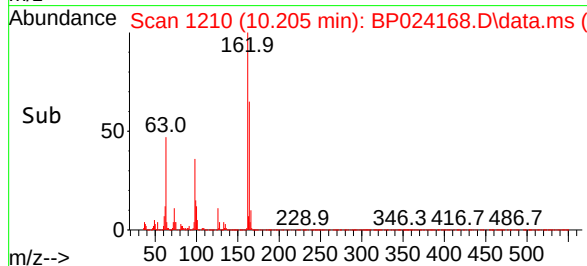
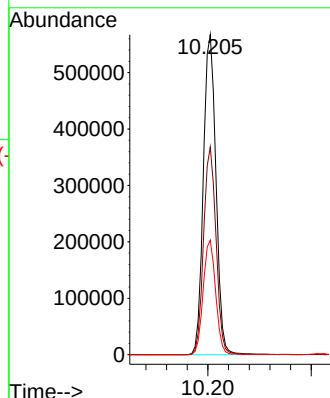
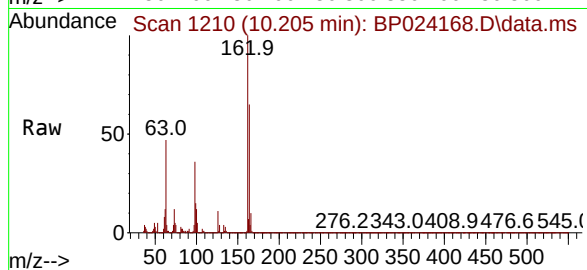
Tgt Ion:162 Resp: 961583

Ion Ratio Lower Upper

162 100

164 64.9 44.2 84.2

98 35.8 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 38.264 ng

RT: 10.416 min Scan# 1246

Delta R.T. 0.000 min

Lab File: BP024168.D

Acq: 12 Mar 2025 21:43

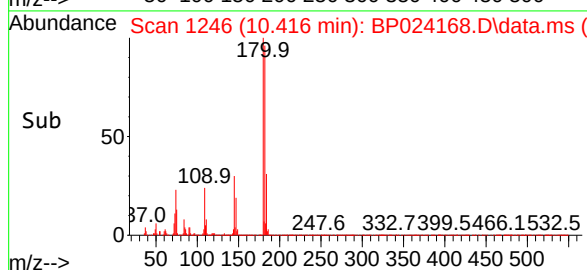
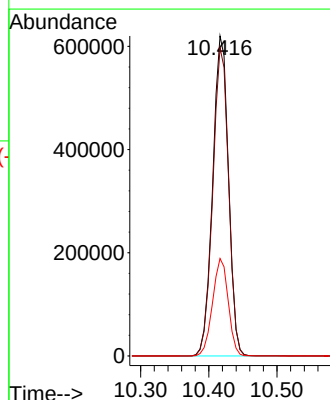
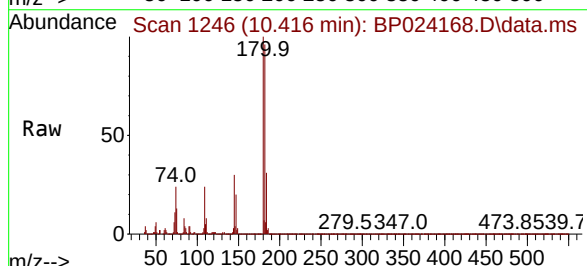
Tgt Ion:180 Resp: 1002302

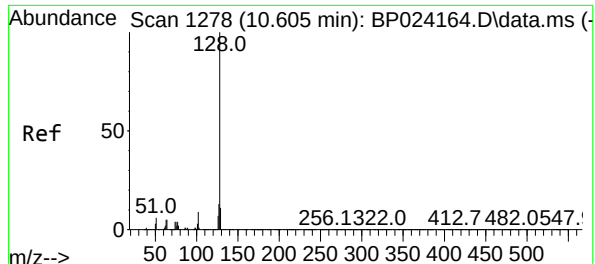
Ion Ratio Lower Upper

180 100

182 96.2 76.1 114.1

145 30.5 24.2 36.2

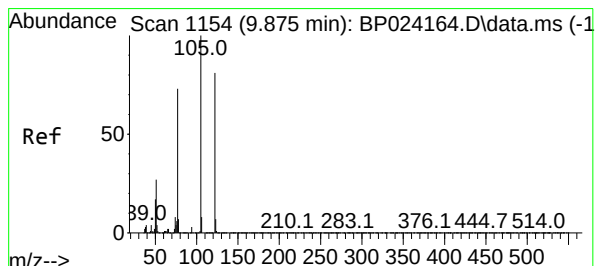
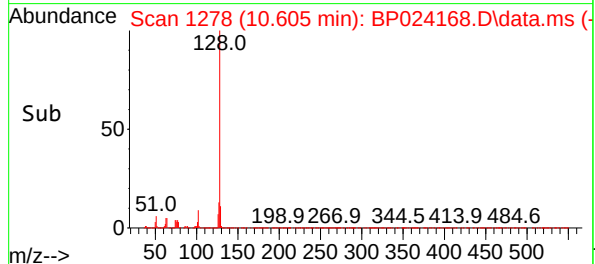
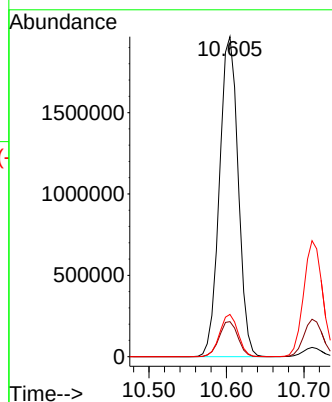
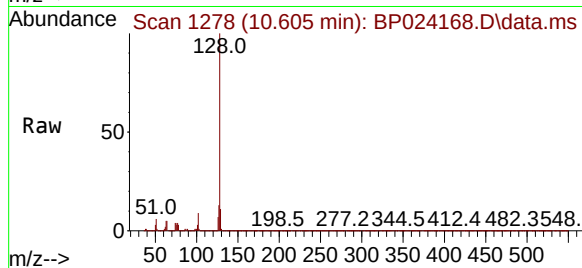




#31
Naphthalene
Concen: 38.223 ng
RT: 10.605 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

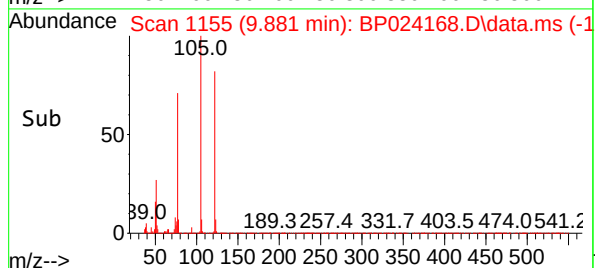
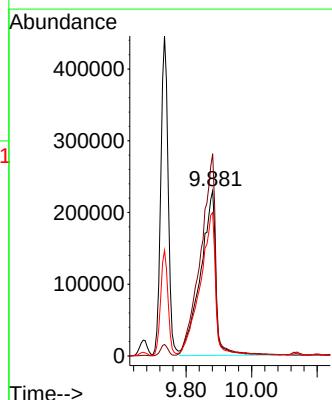
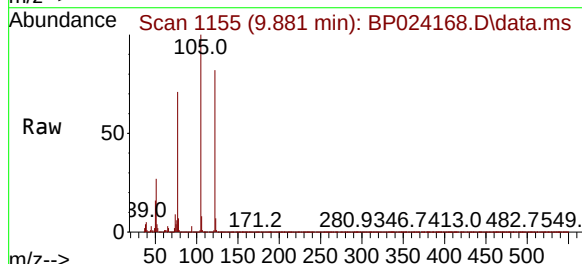
Instrument :
BNA_P
ClientSampleId :
ICVBP031225

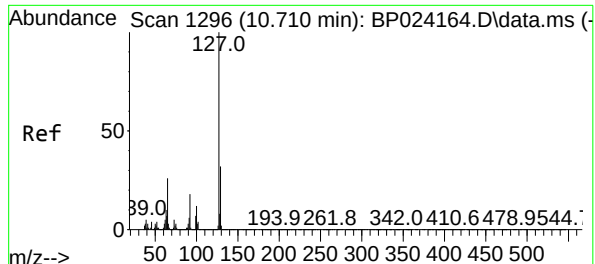
Tgt Ion:128 Resp: 3306535
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.2 10.4 15.6



#32
Benzoic acid
Concen: 43.618 ng
RT: 9.881 min Scan# 1155
Delta R.T. 0.006 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:122 Resp: 745543
Ion Ratio Lower Upper
122 100
105 122.4 100.3 140.3
77 86.8 69.1 109.1

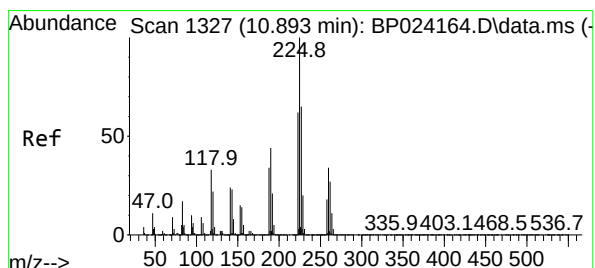
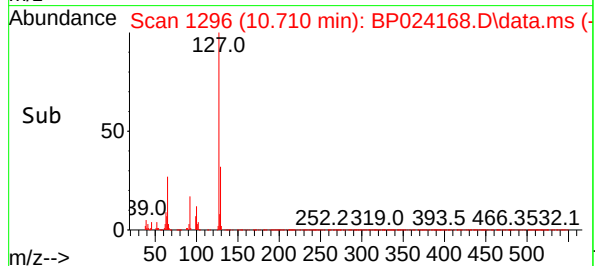
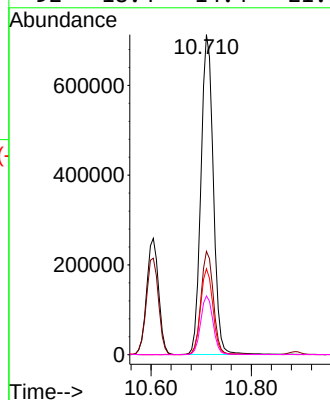
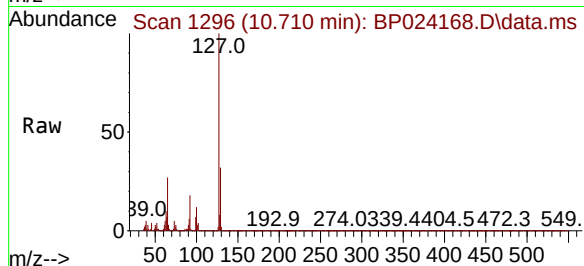




#33
4-Chloroaniline
Concen: 39.499 ng
RT: 10.710 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

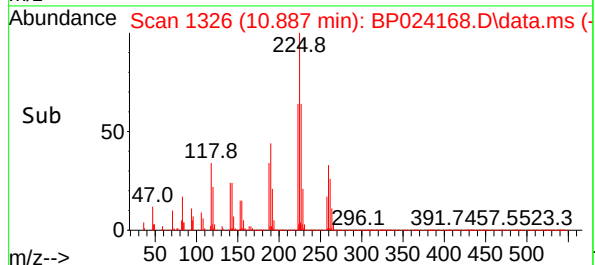
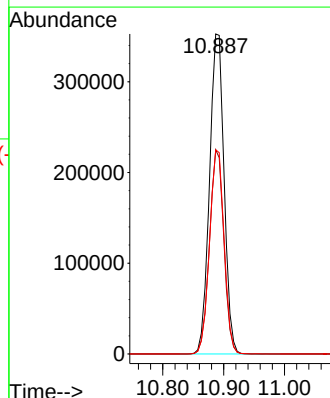
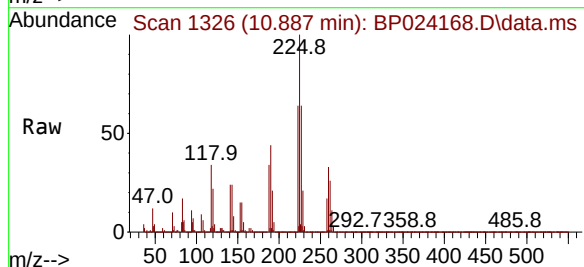
Instrument :
BNA_P
ClientSampleId :
ICVBP031225

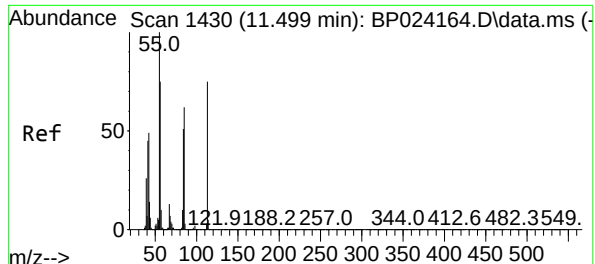
Tgt Ion:127 Resp: 1222820
Ion Ratio Lower Upper
127 100
129 32.3 25.8 38.6
65 26.9 21.2 31.8
92 18.4 14.4 21.6



#34
Hexachlorobutadiene
Concen: 38.854 ng
RT: 10.887 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:225 Resp: 585728
Ion Ratio Lower Upper
225 100
223 63.8 49.9 74.9
227 63.8 52.2 78.2

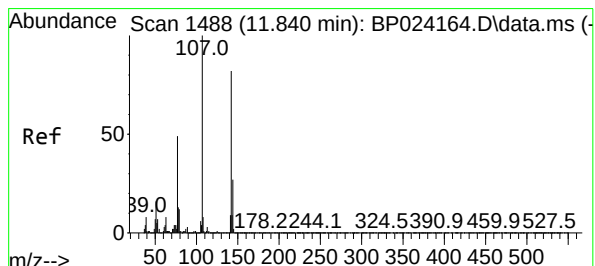
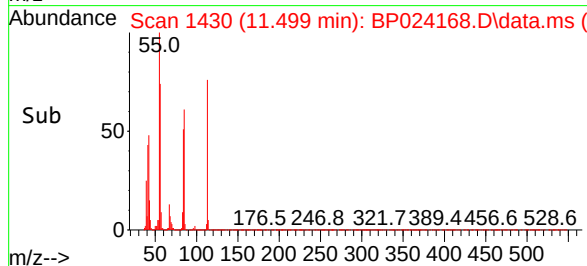
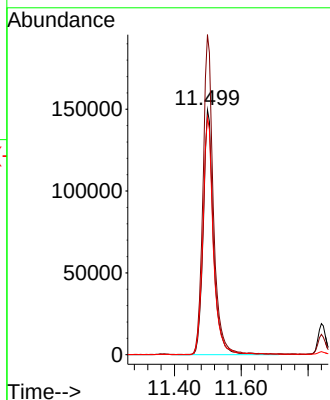
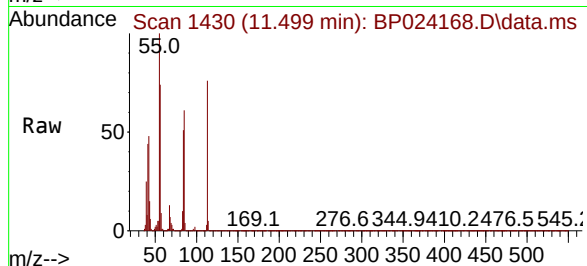




#35
Caprolactam
Concen: 40.859 ng
RT: 11.499 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

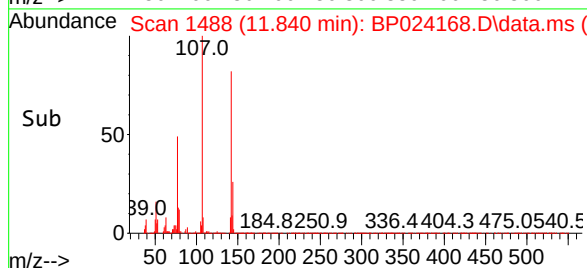
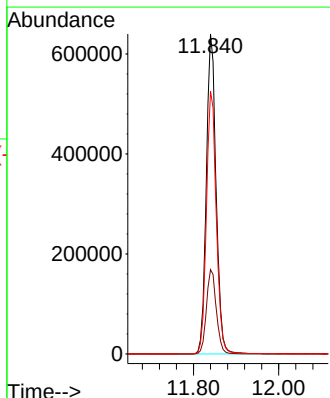
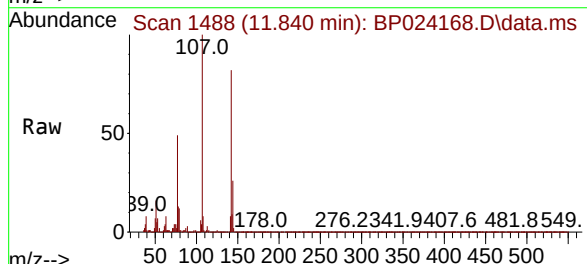
Instrument :
BNA_P
ClientSampleId :
ICVBP031225

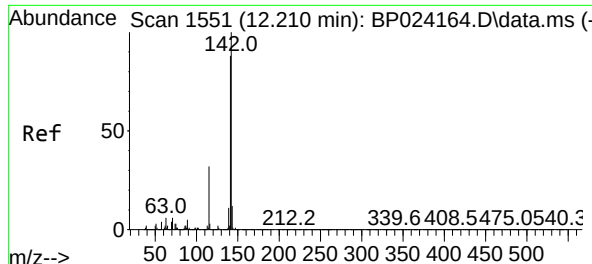
Tgt Ion:113 Resp: 317484
Ion Ratio Lower Upper
113 100
55 130.8 113.6 153.6
56 97.1 80.0 120.0



#36
4-Chloro-3-methylphenol
Concen: 39.702 ng
RT: 11.840 min Scan# 1488
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:107 Resp: 1015423
Ion Ratio Lower Upper
107 100
144 26.4 21.6 32.4
142 82.2 65.4 98.0

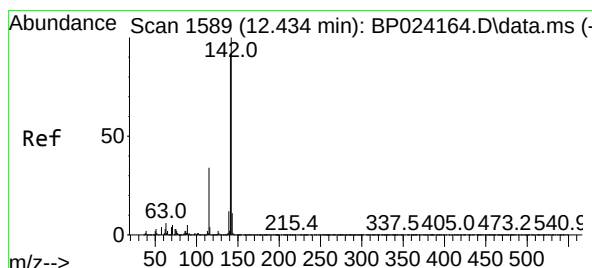
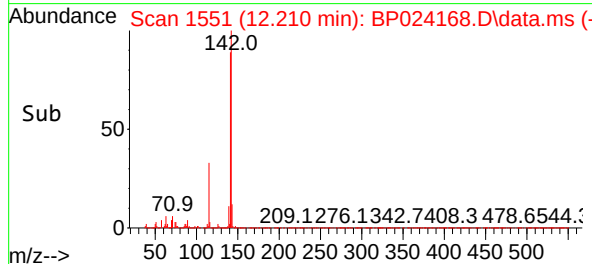
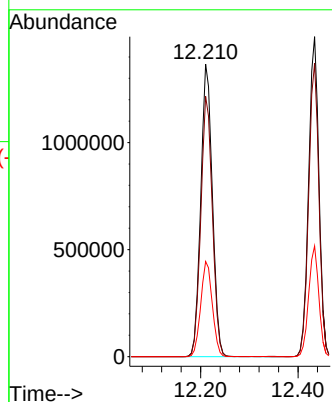
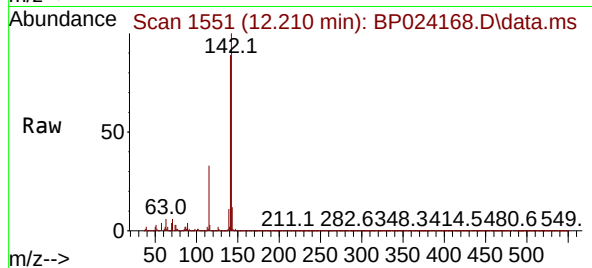




#37
2-Methylnaphthalene
Concen: 38.762 ng
RT: 12.210 min Scan# 1551
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

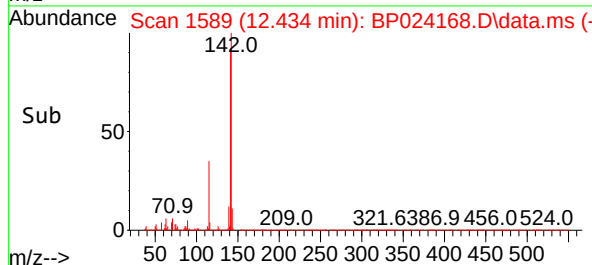
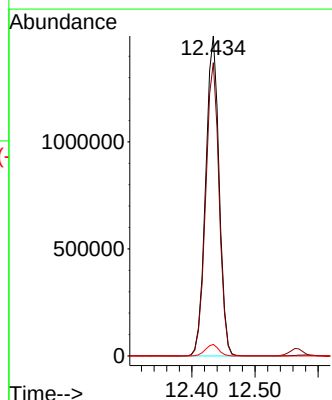
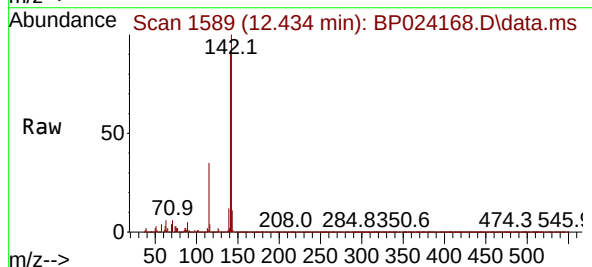
Instrument :
BNA_P
ClientSampleId :
ICVBP031225

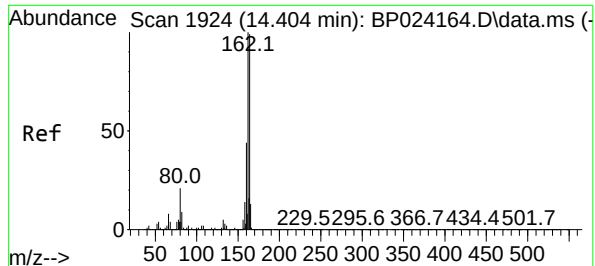
Tgt Ion:142 Resp: 2265320
Ion Ratio Lower Upper
142 100
141 89.0 70.3 105.5
115 32.5 26.0 39.0



#38
1-Methylnaphthalene
Concen: 38.874 ng
RT: 12.434 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:142 Resp: 2209719
Ion Ratio Lower Upper
142 100
141 91.7 73.9 110.9
116 3.6 2.8 4.2

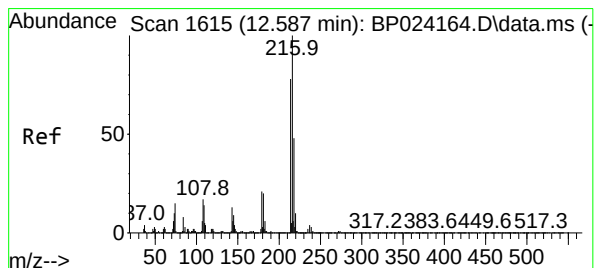
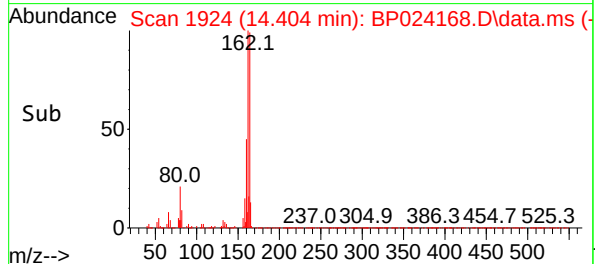
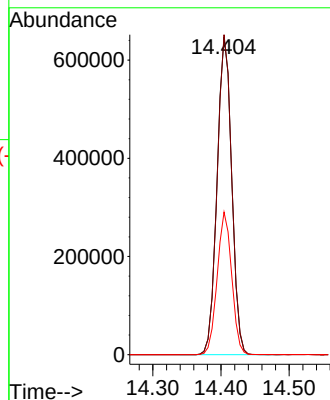
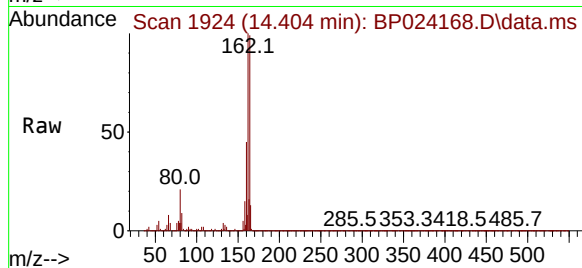




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.404 min Scan# 1924
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

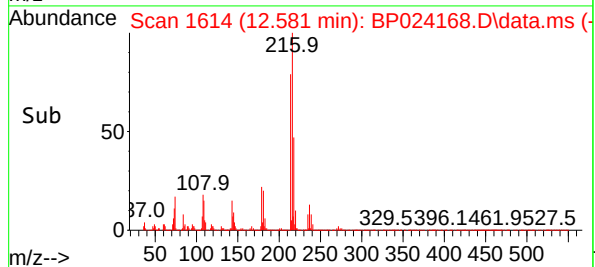
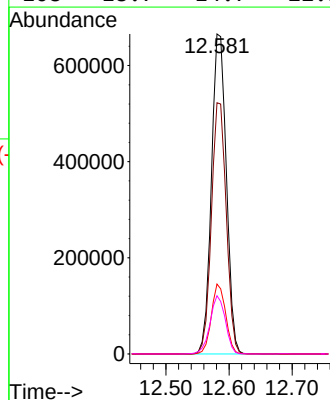
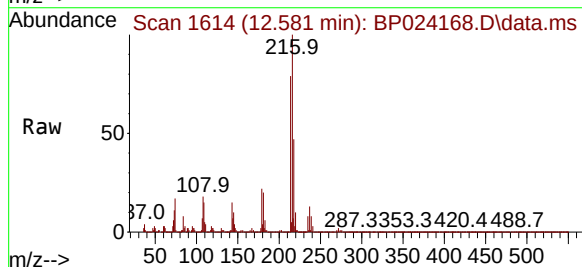
Instrument :
BNA_P
ClientSampleId :
ICVBP031225

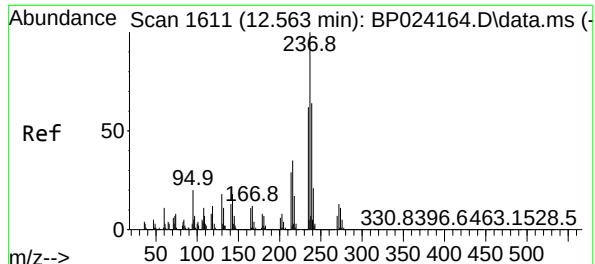
Tgt Ion:164 Resp: 966525
Ion Ratio Lower Upper
164 100
162 100.8 80.6 121.0
160 44.9 35.4 53.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.988 ng
RT: 12.581 min Scan# 1614
Delta R.T. -0.006 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:216 Resp: 1089303
Ion Ratio Lower Upper
216 100
214 78.3 62.8 94.2
179 21.0 16.8 25.2
108 18.7 14.7 22.1

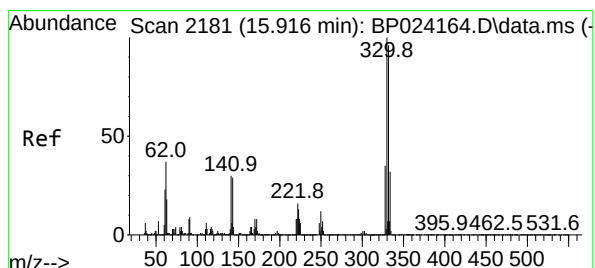
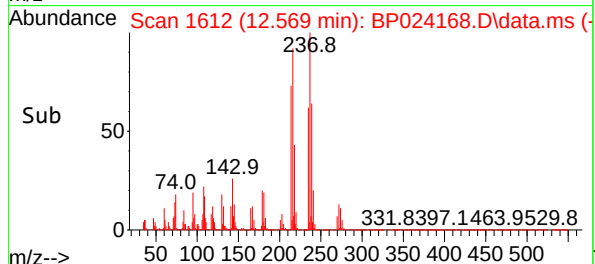
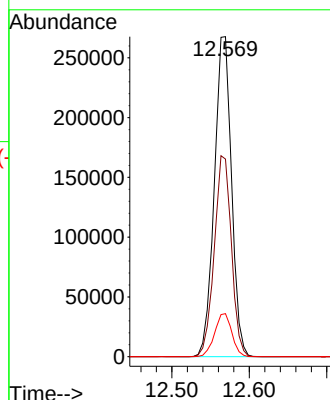
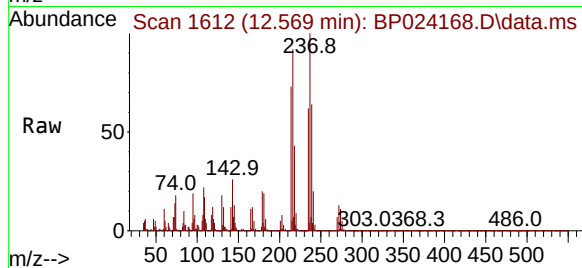




#41
Hexachlorocyclopentadiene
Concen: 41.026 ng
RT: 12.569 min Scan# 1612
Delta R.T. 0.006 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

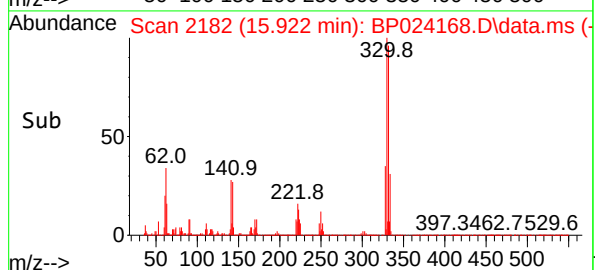
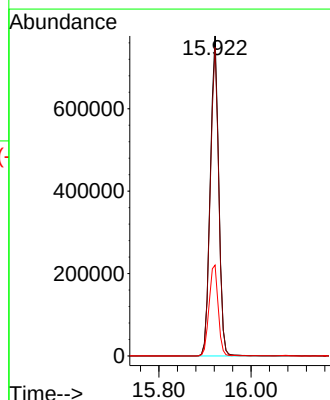
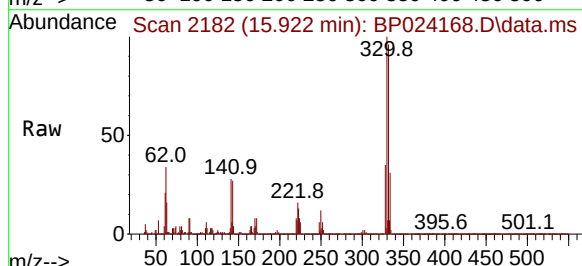
Instrument :
BNA_P
ClientSampleId :
ICVBP031225

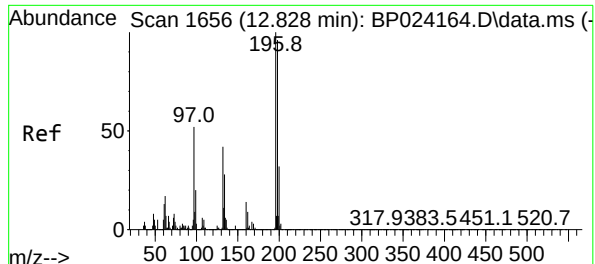
Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.8	41.8	81.8
272	13.4	0.0	33.5



#42
2,4,6-Tribromophenol
Concen: 81.766 ng
RT: 15.922 min Scan# 2182
Delta R.T. 0.006 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.6	116.4
141	30.6	25.0	37.6

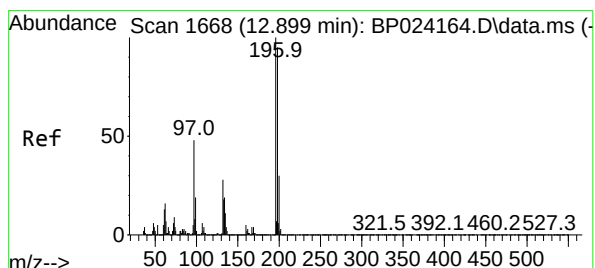
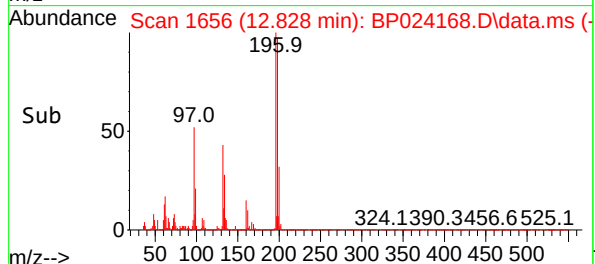
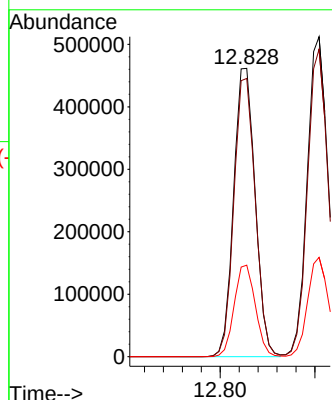
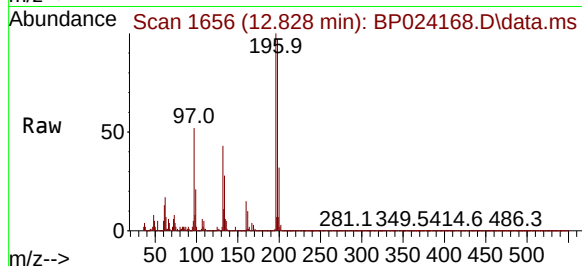




#43
2,4,6-Trichlorophenol
Concen: 40.950 ng
RT: 12.828 min Scan# 1656
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

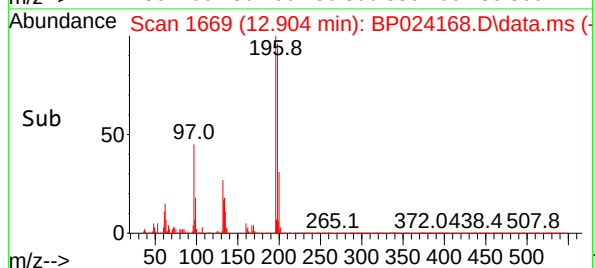
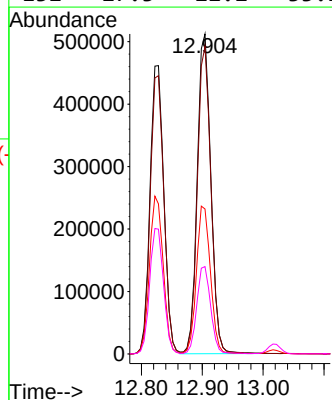
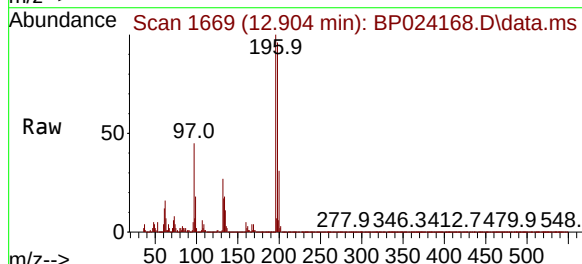
Instrument :
BNA_P
ClientSampleId :
ICVBP031225

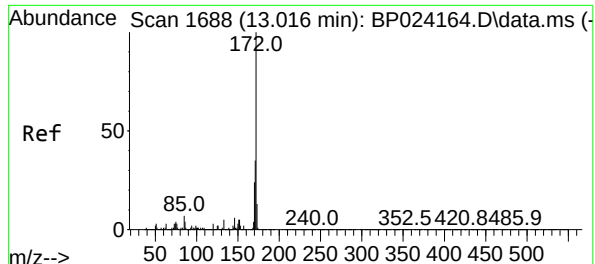
Tgt Ion:196 Resp: 727105
Ion Ratio Lower Upper
196 100
198 96.5 76.6 115.0
200 31.7 25.4 38.0



#44
2,4,5-Trichlorophenol
Concen: 40.985 ng
RT: 12.904 min Scan# 1669
Delta R.T. 0.006 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:196 Resp: 798076
Ion Ratio Lower Upper
196 100
198 96.1 76.5 114.7
97 45.3 38.7 58.1
132 27.3 22.2 33.2

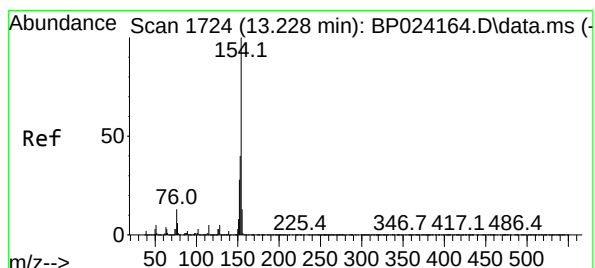
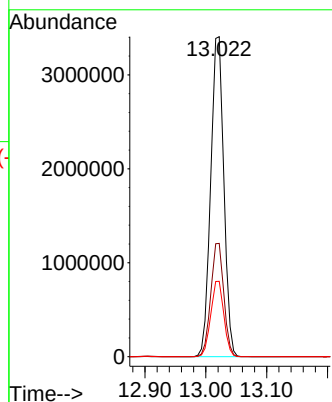
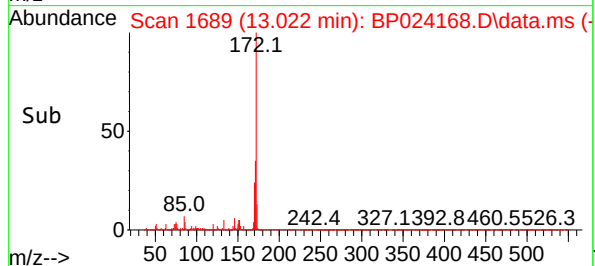
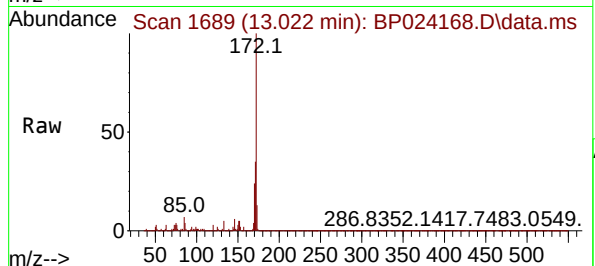




#45
2-Fluorobiphenyl
Concen: 77.885 ng
RT: 13.022 min Scan# 1689
Delta R.T. 0.006 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

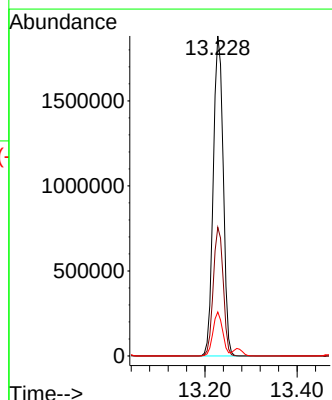
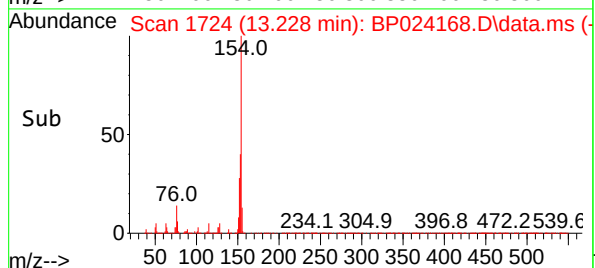
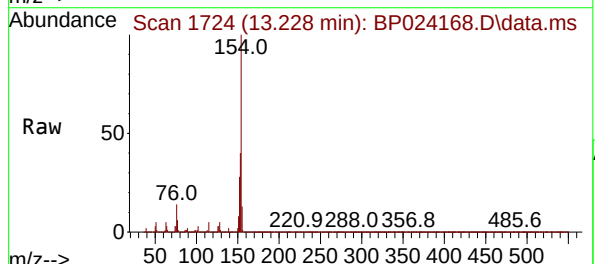
Instrument :
BNA_P
ClientSampleId :
ICVBP031225

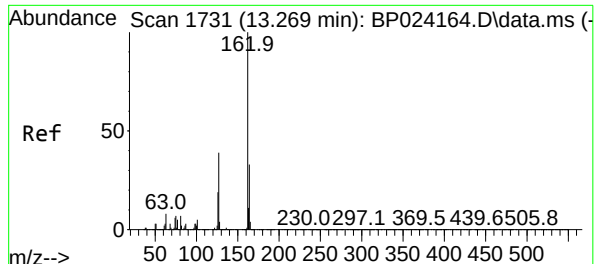
Tgt Ion:172 Resp: 5105223
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.6 19.0 28.4



#46
1,1'-Biphenyl
Concen: 38.846 ng
RT: 13.228 min Scan# 1724
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:154 Resp: 2821370
Ion Ratio Lower Upper
154 100
153 40.2 20.3 60.3
76 13.7 0.0 32.9





#47

2-Chloronaphthalene

Concen: 39.006 ng

RT: 13.269 min Scan# 1731

Delta R.T. 0.000 min

Lab File: BP024168.D

Acq: 12 Mar 2025 21:43

Instrument :

BNA_P

ClientSampleId :

ICVBP031225

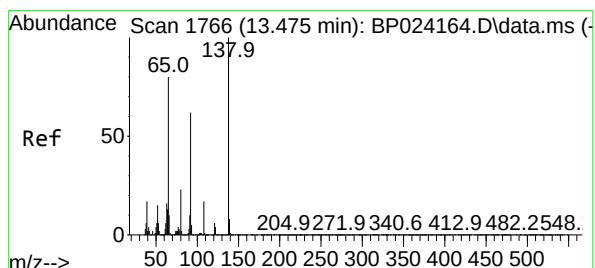
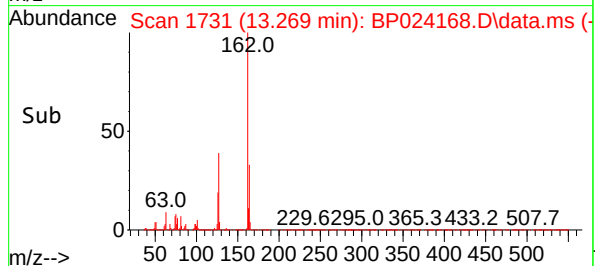
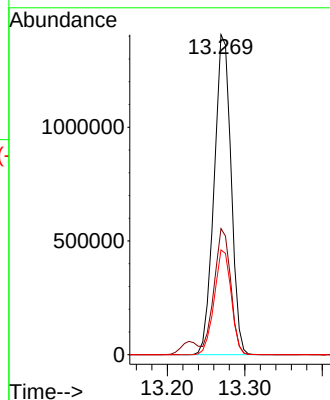
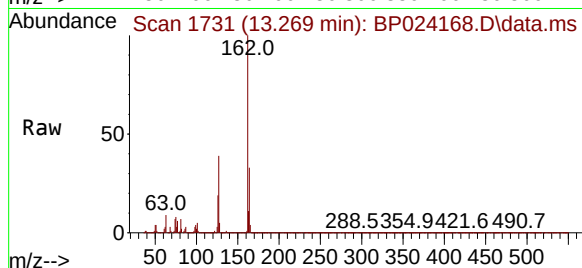
Tgt Ion:162 Resp: 2130879

Ion Ratio Lower Upper

162 100

127 39.4 31.5 47.3

164 32.8 26.6 39.8



#48

2-Nitroaniline

Concen: 41.137 ng

RT: 13.475 min Scan# 1766

Delta R.T. 0.000 min

Lab File: BP024168.D

Acq: 12 Mar 2025 21:43

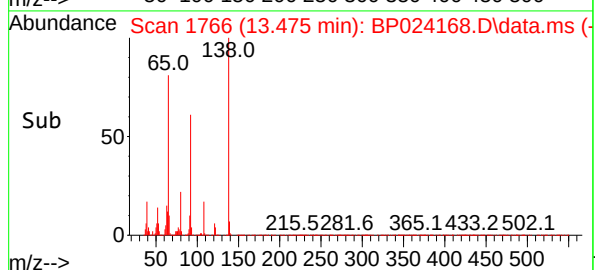
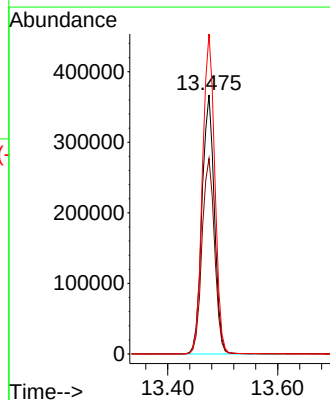
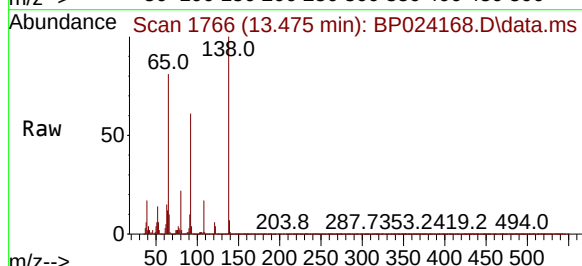
Tgt Ion: 65 Resp: 574806

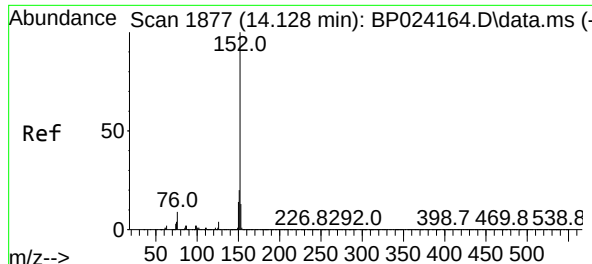
Ion Ratio Lower Upper

65 100

92 75.5 62.1 93.1

138 123.5 99.5 149.3





#49

Acenaphthylene

Concen: 39.262 ng

RT: 14.122 min Scan# 1877

Delta R.T. -0.006 min

Lab File: BP024168.D

Acq: 12 Mar 2025 21:43

Instrument :

BNA_P

ClientSampleId :

ICVBP031225

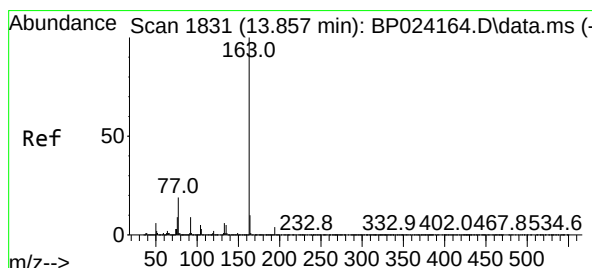
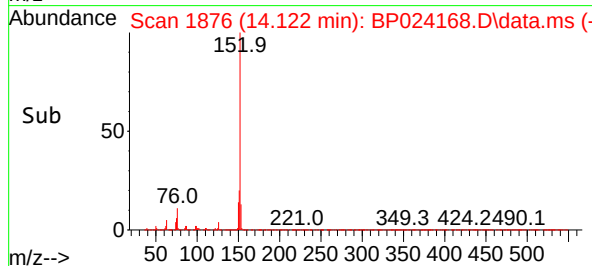
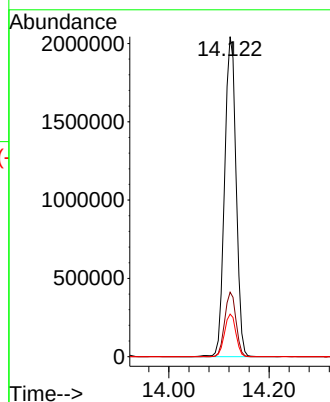
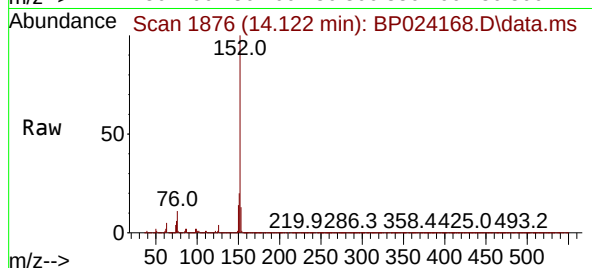
Tgt Ion:152 Resp: 3245488

Ion Ratio Lower Upper

152 100

151 20.1 16.0 24.0

153 13.3 10.6 15.8



#50

Dimethylphthalate

Concen: 38.548 ng

RT: 13.863 min Scan# 1832

Delta R.T. 0.006 min

Lab File: BP024168.D

Acq: 12 Mar 2025 21:43

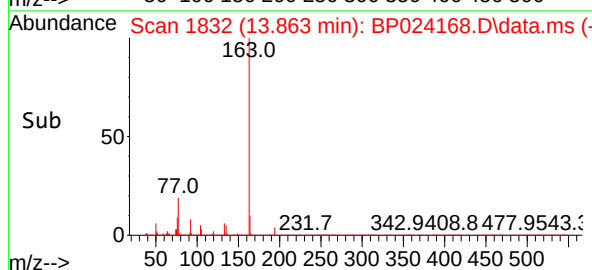
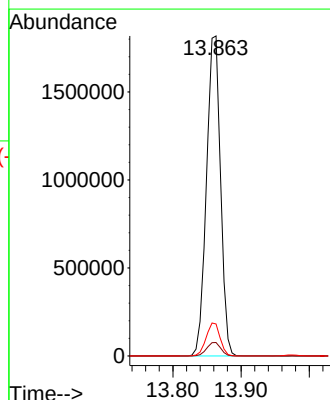
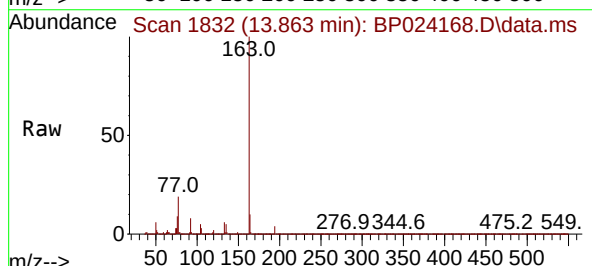
Tgt Ion:163 Resp: 2606961

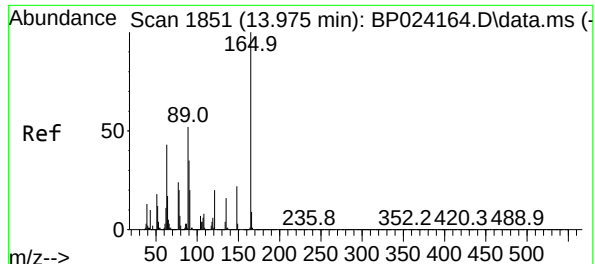
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.0 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 39.611 ng

RT: 13.975 min Scan# 1851

Delta R.T. 0.000 min

Lab File: BP024168.D

Acq: 12 Mar 2025 21:43

Instrument :

BNA_P

ClientSampleId :

ICVBP031225

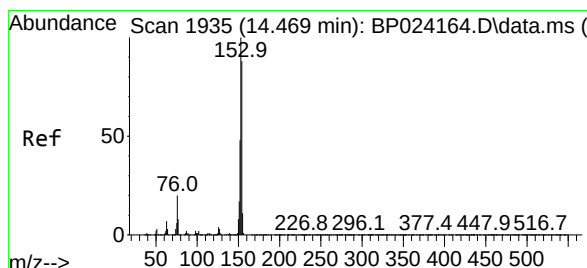
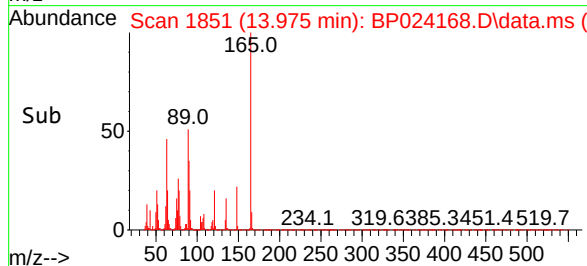
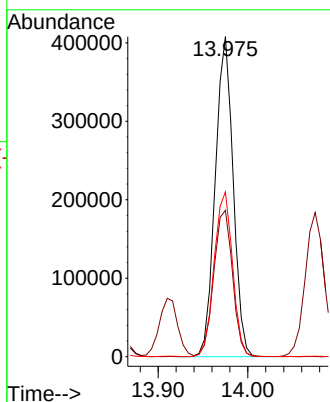
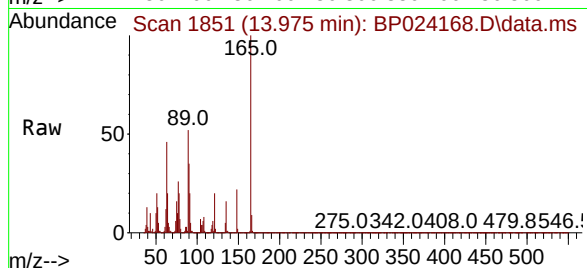
Tgt Ion:165 Resp: 563651

Ion Ratio Lower Upper

165 100

63 45.8 37.7 56.5

89 51.5 41.9 62.9



#52

Acenaphthene

Concen: 38.881 ng

RT: 14.475 min Scan# 1936

Delta R.T. 0.006 min

Lab File: BP024168.D

Acq: 12 Mar 2025 21:43

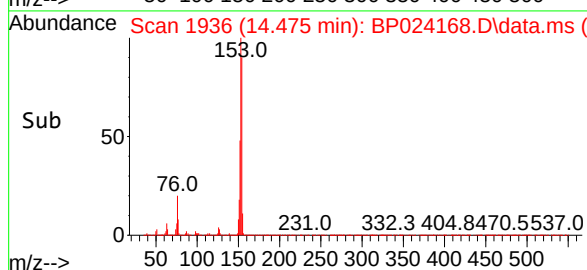
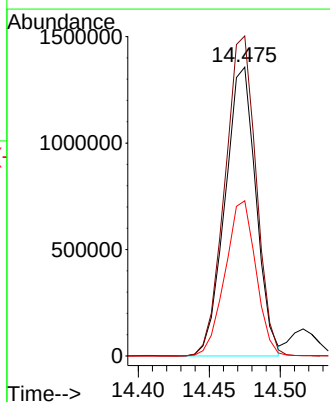
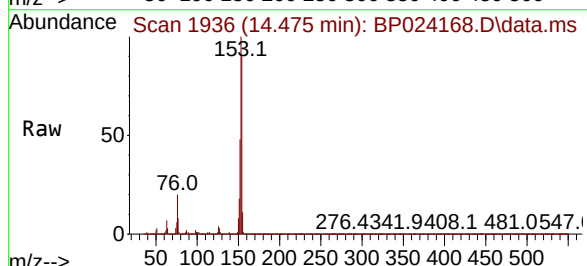
Tgt Ion:154 Resp: 2053476

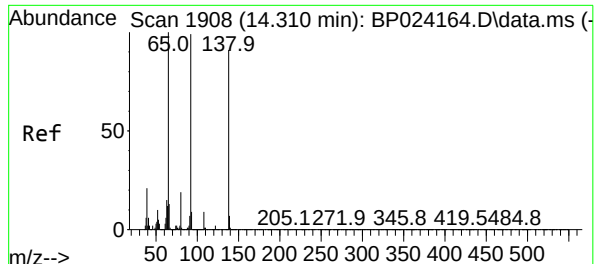
Ion Ratio Lower Upper

154 100

153 110.8 90.5 135.7

152 53.7 43.1 64.7

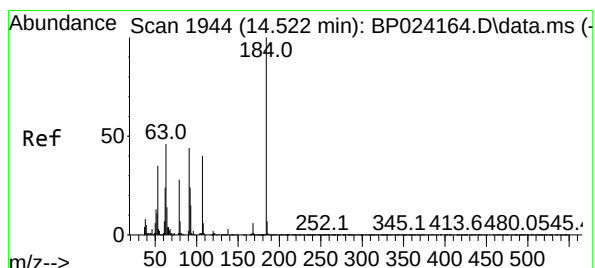
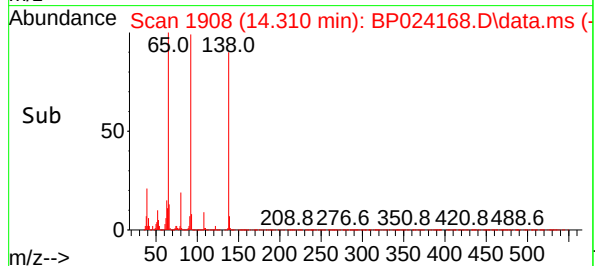
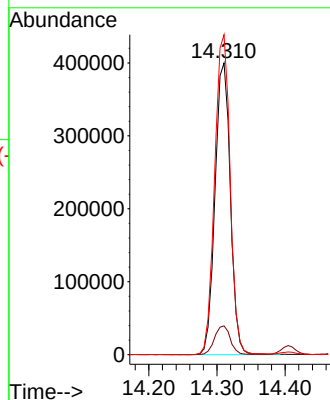
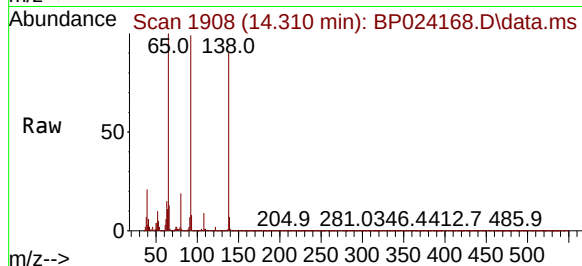




#53
3-Nitroaniline
Concen: 40.719 ng
RT: 14.310 min Scan# 1908
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

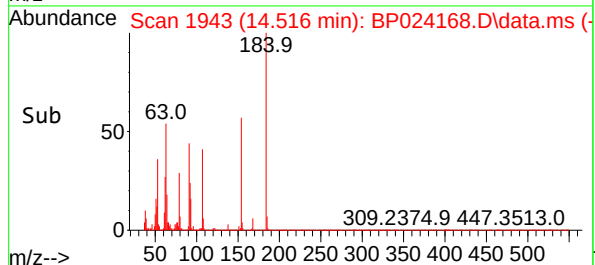
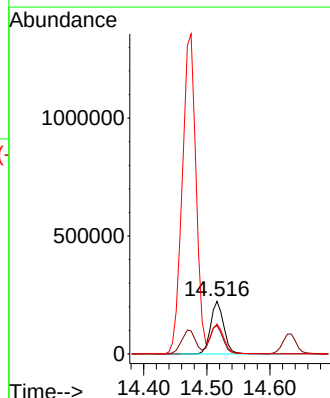
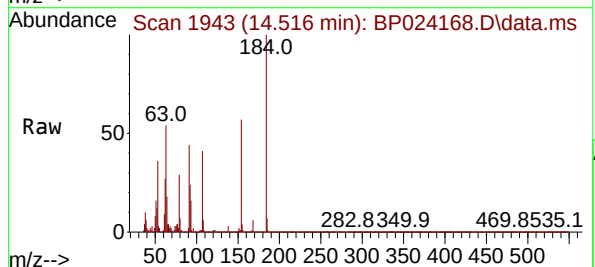
Instrument :
BNA_P
ClientSampleId :
ICVBP031225

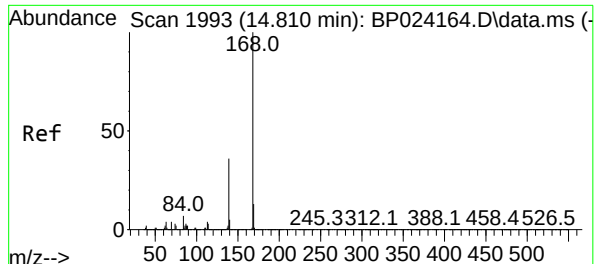
Tgt Ion:138 Resp: 625803
Ion Ratio Lower Upper
138 100
108 9.9 8.2 12.2
92 109.7 86.7 130.1



#54
2,4-Dinitrophenol
Concen: 42.791 ng
RT: 14.516 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:184 Resp: 322185
Ion Ratio Lower Upper
184 100
63 54.2 42.1 63.1
154 56.8 44.6 67.0

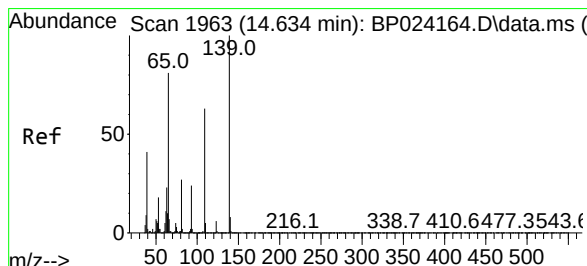
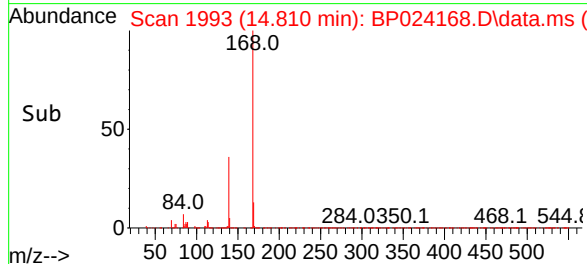
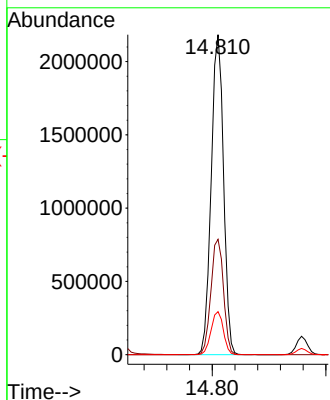
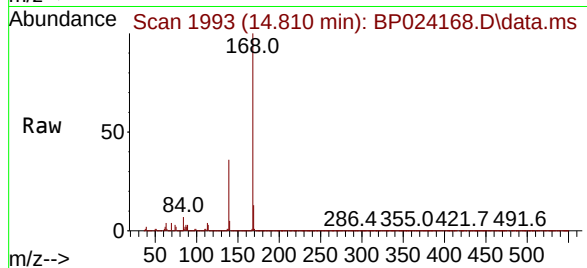




#55
Dibenzenofuran
Concen: 38.264 ng
RT: 14.810 min Scan# 1993
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

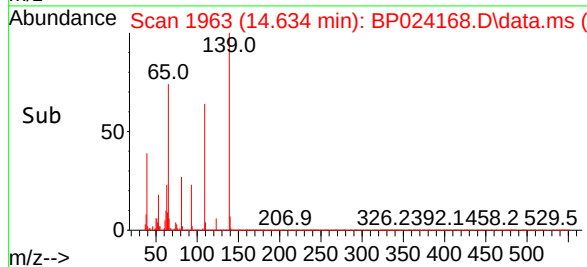
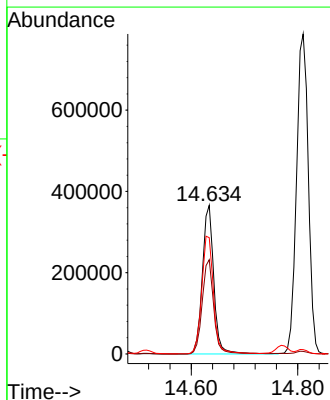
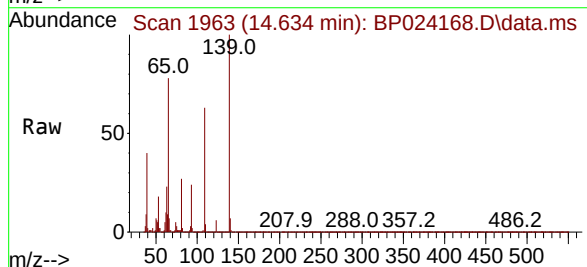
Instrument :
BNA_P
ClientSampleId :
ICVBP031225

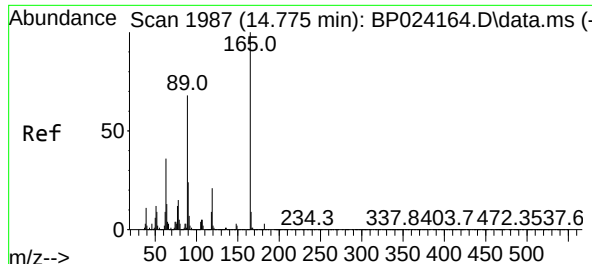
Tgt Ion:168 Resp: 3273448
Ion Ratio Lower Upper
168 100
139 36.1 29.1 43.7
169 13.4 10.8 16.2



#56
4-Nitrophenol
Concen: 42.293 ng
RT: 14.634 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:139 Resp: 543119
Ion Ratio Lower Upper
139 100
109 63.4 43.3 83.3
65 78.3 61.2 101.2





#57

2,4-Dinitrotoluene

Concen: 41.106 ng

RT: 14.769 min Scan# 1987

Delta R.T. -0.006 min

Lab File: BP024168.D

Acq: 12 Mar 2025 21:43

Instrument :

BNA_P

ClientSampleId :

ICVBP031225

Tgt Ion:165 Resp: 772629

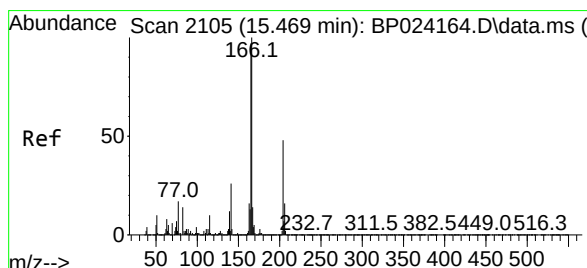
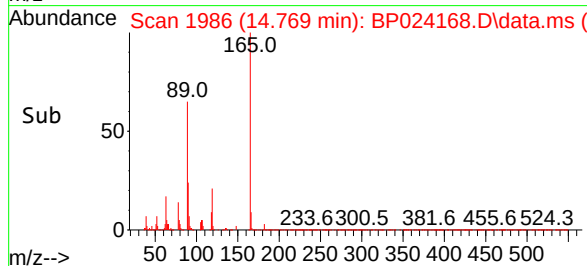
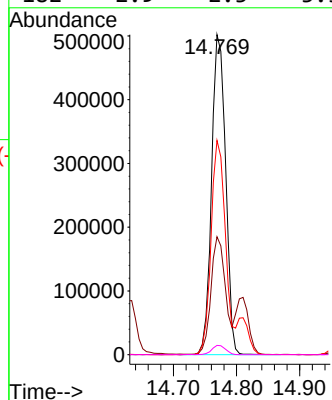
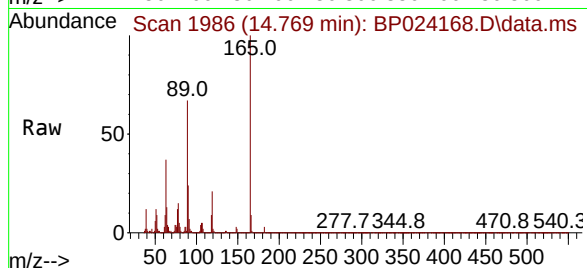
Ion Ratio Lower Upper

165 100

63 36.9 29.0 43.6

89 66.9 54.2 81.4

182 2.9 2.3 3.5



#58

Fluorene

Concen: 39.061 ng

RT: 15.469 min Scan# 2105

Delta R.T. 0.000 min

Lab File: BP024168.D

Acq: 12 Mar 2025 21:43

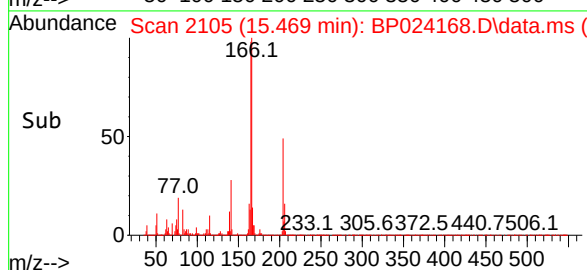
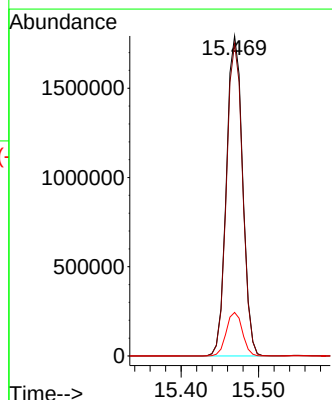
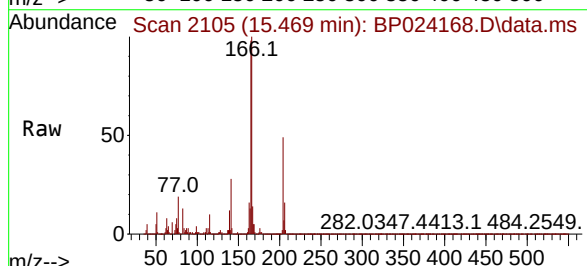
Tgt Ion:166 Resp: 2603595

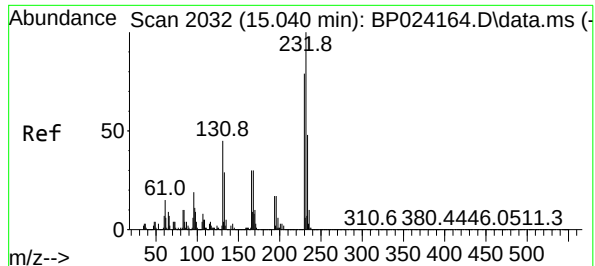
Ion Ratio Lower Upper

166 100

165 97.5 77.6 116.4

167 13.6 10.8 16.2

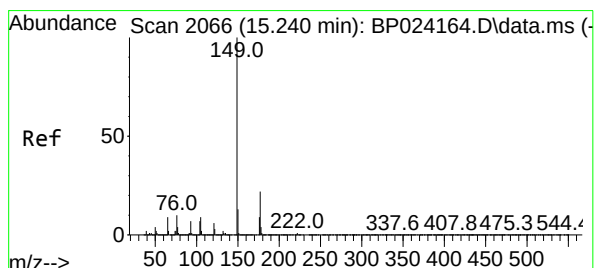
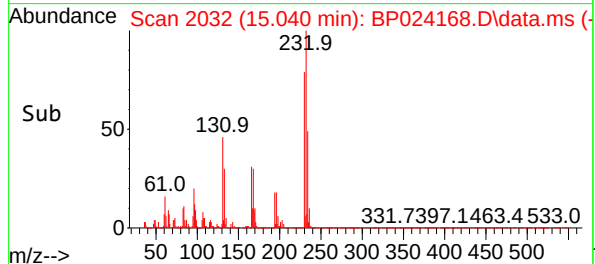
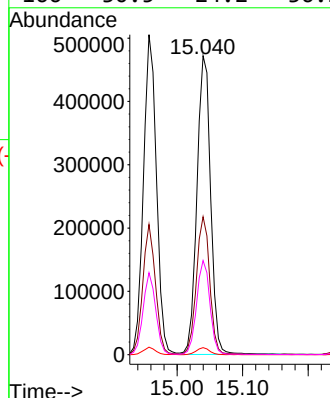
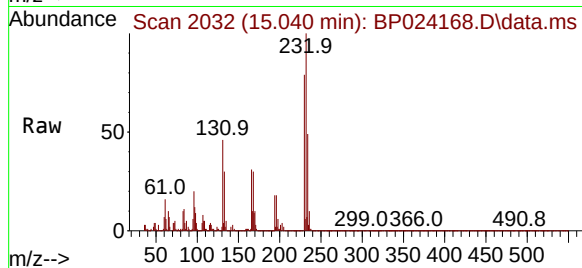




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.844 ng
RT: 15.040 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

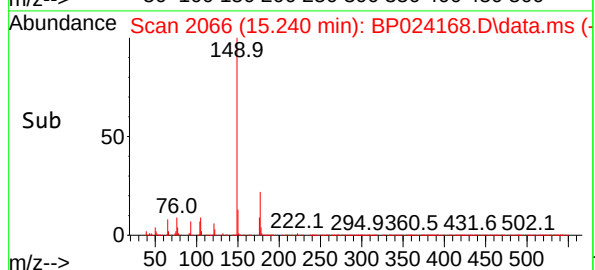
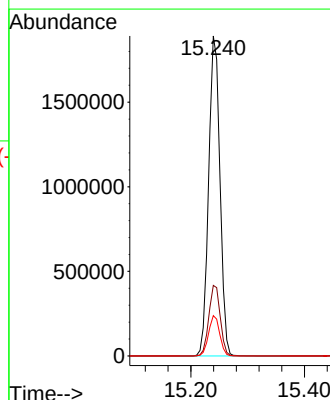
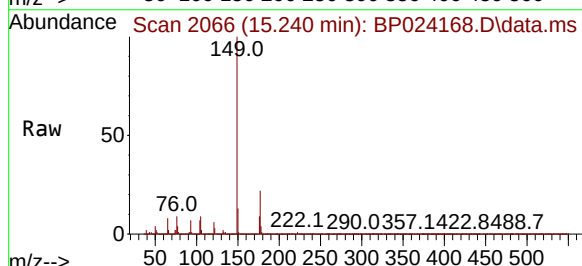
Instrument :
BNA_P
ClientSampleId :
ICVBP031225

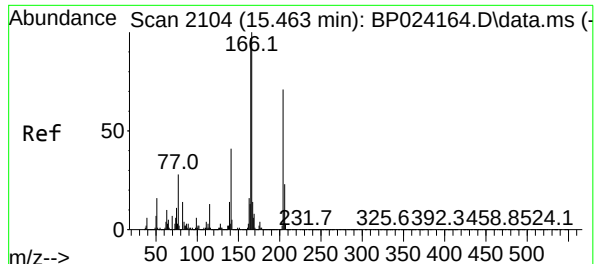
Tgt Ion:232 Resp: 685479
Ion Ratio Lower Upper
232 100
131 45.1 35.9 53.9
130 2.2 1.8 2.6
166 30.5 24.2 36.2



#60
Diethylphthalate
Concen: 38.539 ng
RT: 15.240 min Scan# 2066
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:149 Resp: 2595505
Ion Ratio Lower Upper
149 100
177 22.1 17.7 26.5
150 12.6 10.2 15.4

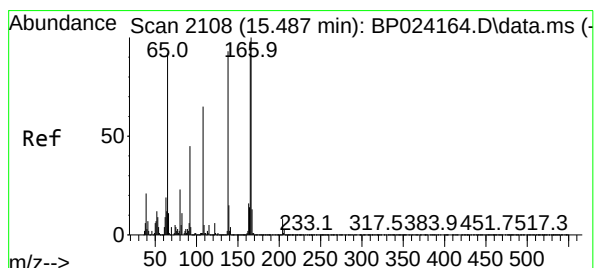
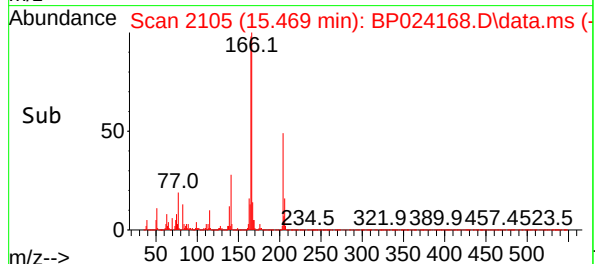
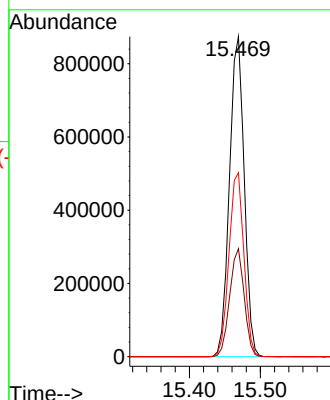
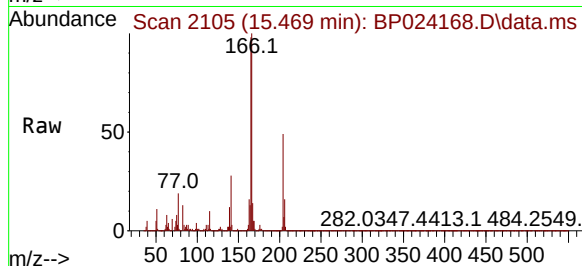




#61
4-Chlorophenyl-phenylether
Concen: 38.572 ng
RT: 15.469 min Scan# 2104
Delta R.T. 0.006 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

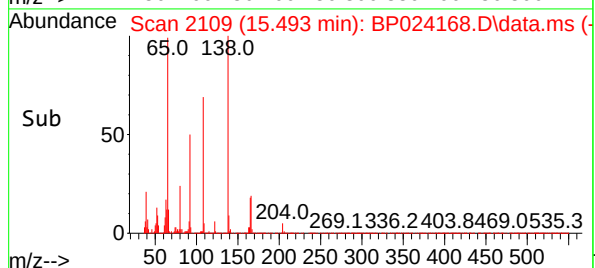
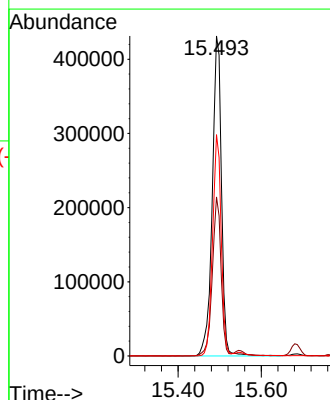
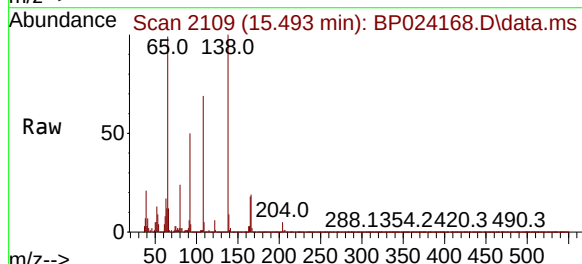
Instrument :
BNA_P
ClientSampleId :
ICVBP031225

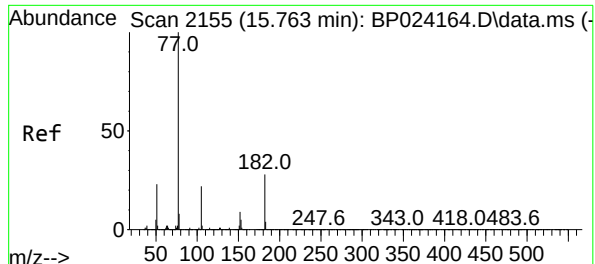
Tgt Ion:204 Resp: 1261005
Ion Ratio Lower Upper
204 100
206 33.7 26.4 39.6
141 57.5 45.8 68.8



#62
4-Nitroaniline
Concen: 41.253 ng
RT: 15.493 min Scan# 2109
Delta R.T. 0.006 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:138 Resp: 664956
Ion Ratio Lower Upper
138 100
92 49.7 28.7 68.7
108 69.1 49.5 89.5

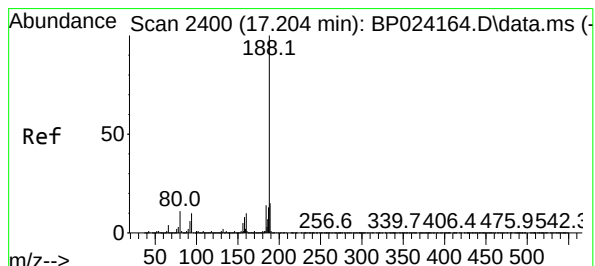
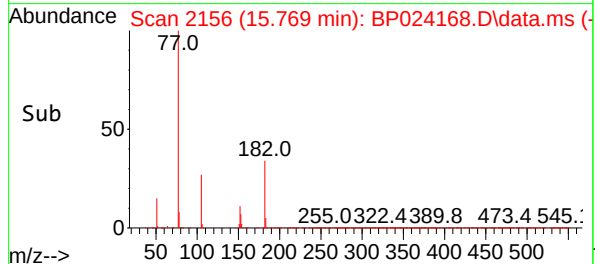
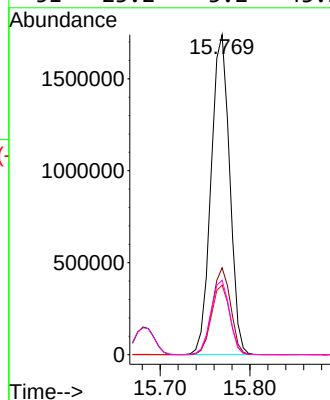
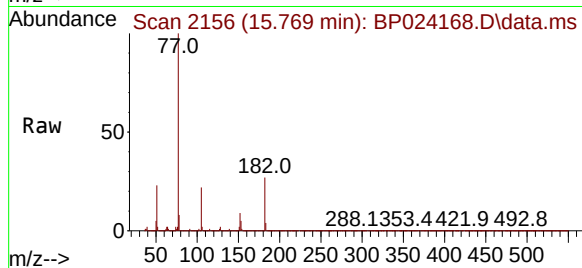




#63
Azobenzene
Concen: 39.347 ng
RT: 15.769 min Scan# 2155
Delta R.T. 0.006 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

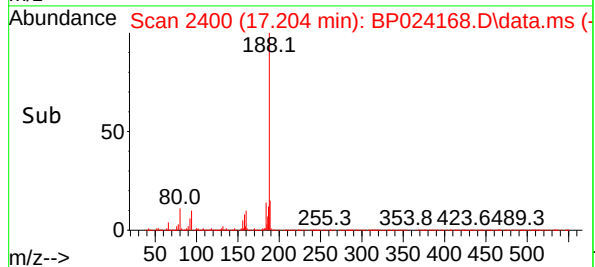
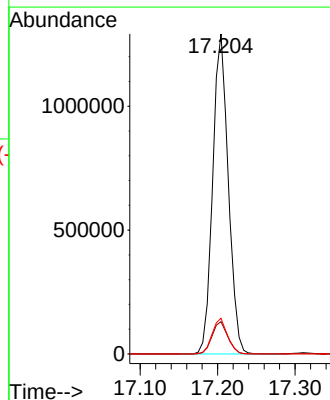
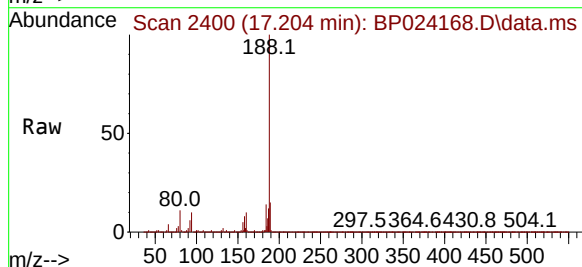
Instrument :
BNA_P
ClientSampleId :
ICVBP031225

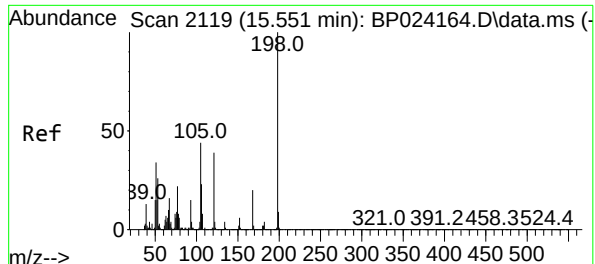
Tgt Ion: 77 Resp: 2497600
Ion Ratio Lower Upper
77 100
182 27.1 7.7 47.7
105 21.8 2.3 42.3
51 23.2 3.2 43.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2400
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion: 188 Resp: 1810172
Ion Ratio Lower Upper
188 100
94 10.1 8.1 12.1
80 11.1 8.9 13.3

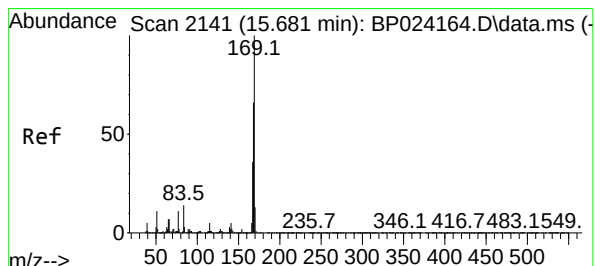
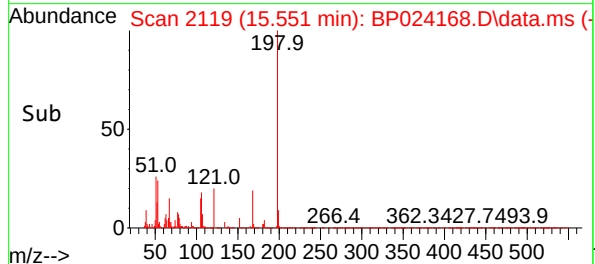
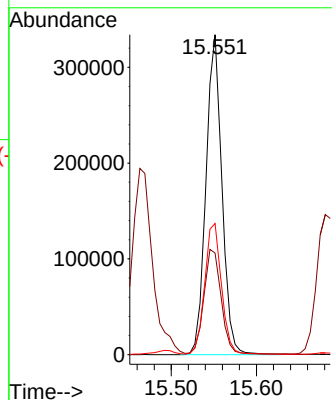
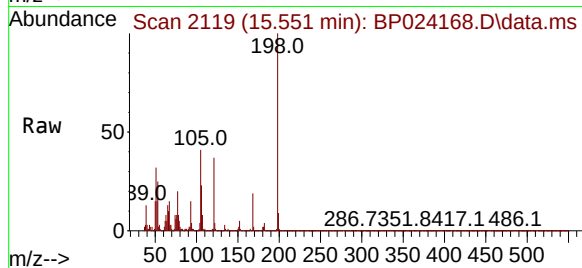




#65
4,6-Dinitro-2-methylphenol
Concen: 40.442 ng
RT: 15.551 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

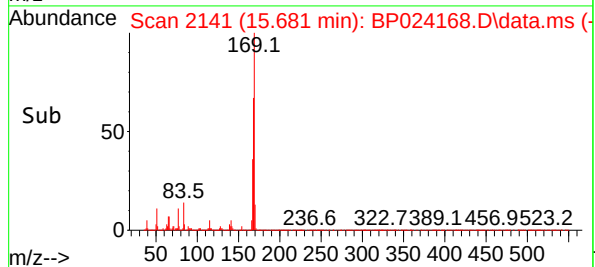
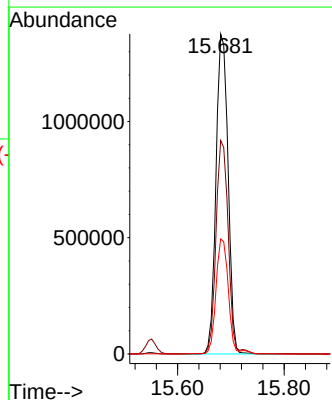
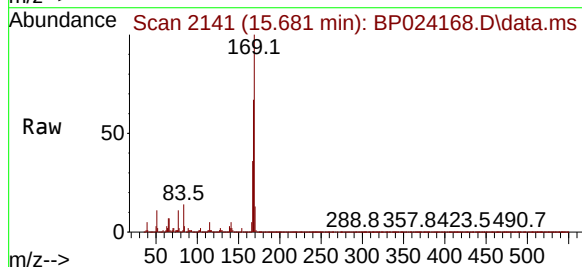
Instrument :
BNA_P
ClientSampleId :
ICVBP031225

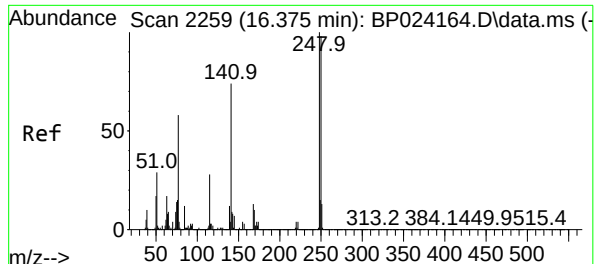
Tgt Ion	Ratio	Lower	Upper
198	100		
51	31.7	14.7	54.7
105	41.0	23.8	63.8



#66
n-Nitrosodiphenylamine
Concen: 39.234 ng
RT: 15.681 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.7	52.9	79.3
167	35.9	28.8	43.2





#67

4-Bromophenyl-phenylether

Concen: 38.892 ng

RT: 16.375 min Scan# 2259

Delta R.T. 0.000 min

Lab File: BP024168.D

Acq: 12 Mar 2025 21:43

Instrument :

BNA_P

ClientSampleId :

ICVBP031225

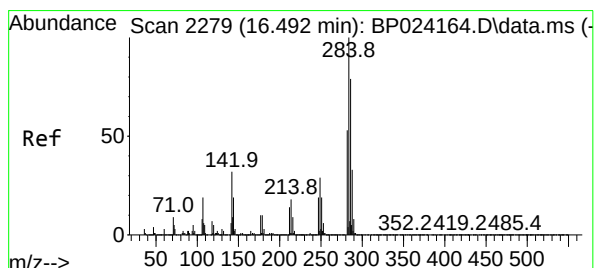
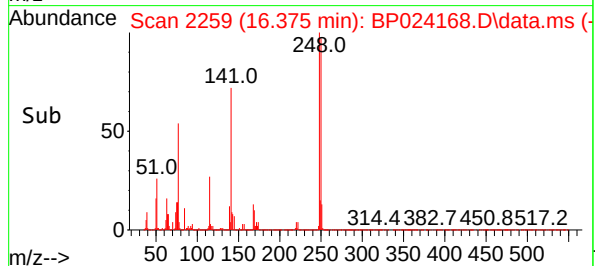
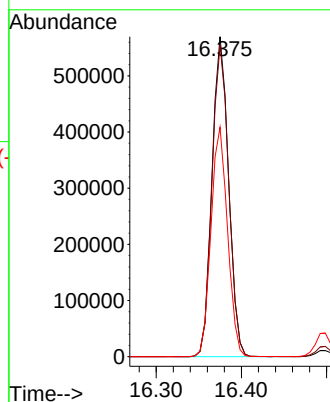
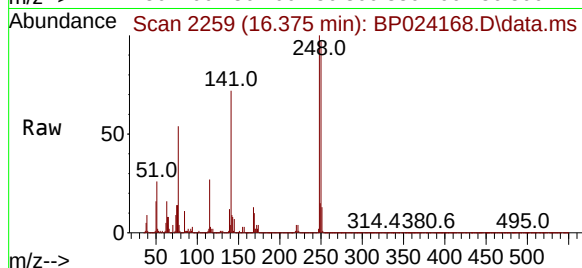
Tgt Ion:248 Resp: 772937

Ion Ratio Lower Upper

248 100

250 97.3 78.4 117.6

141 71.7 59.4 89.0



#68

Hexachlorobenzene

Concen: 39.073 ng

RT: 16.498 min Scan# 2280

Delta R.T. 0.006 min

Lab File: BP024168.D

Acq: 12 Mar 2025 21:43

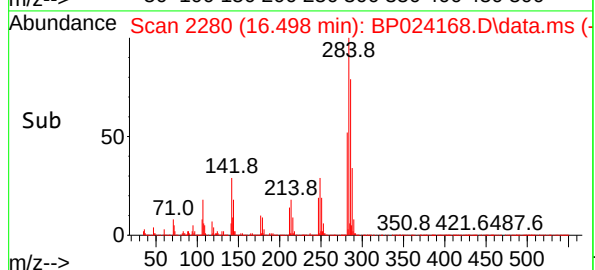
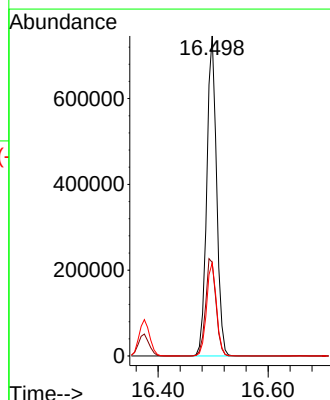
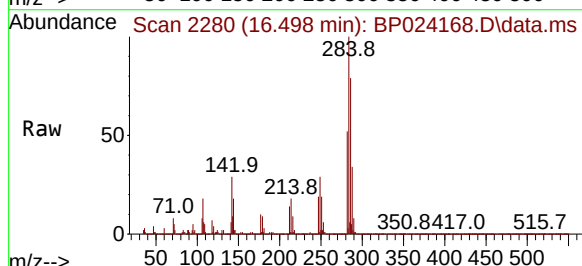
Tgt Ion:284 Resp: 919105

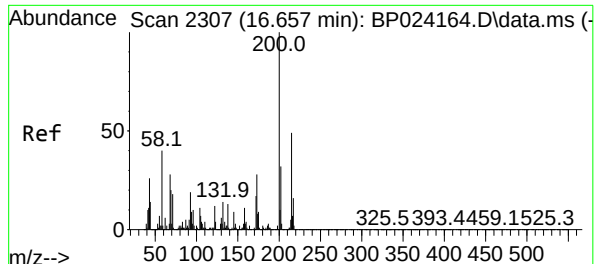
Ion Ratio Lower Upper

284 100

142 29.3 25.4 38.2

249 29.1 23.5 35.3

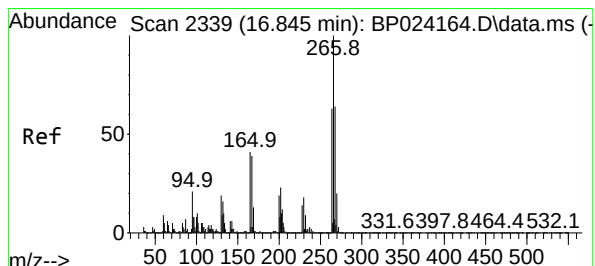
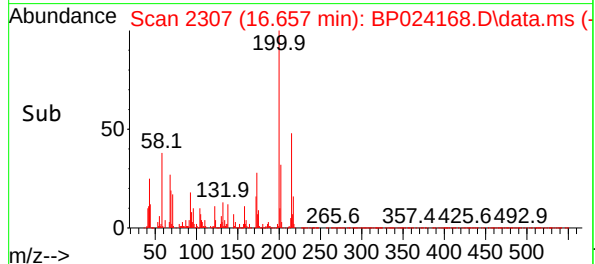
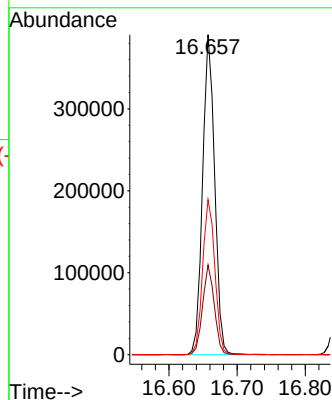
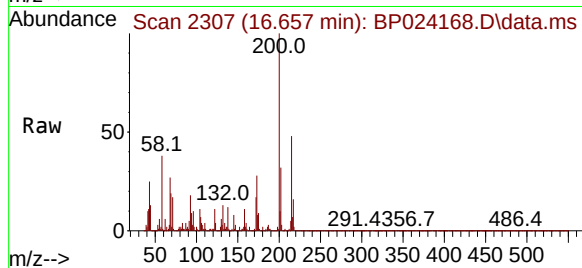




#69
Atrazine
Concen: 36.287 ng
RT: 16.657 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

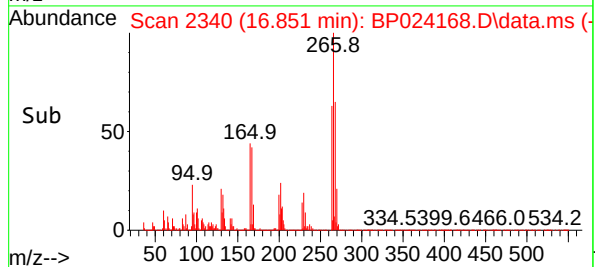
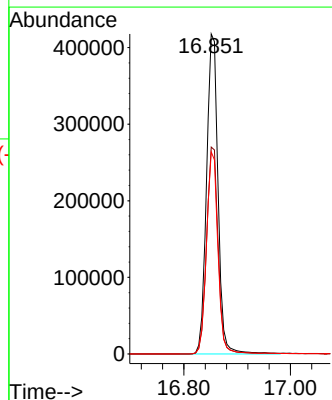
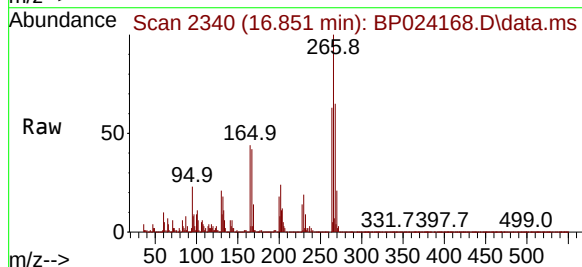
Instrument :
BNA_P
ClientSampleId :
ICVBP031225

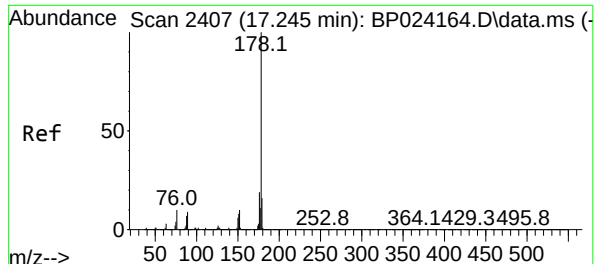
Tgt Ion:200 Resp: 481443
Ion Ratio Lower Upper
200 100
173 28.1 7.6 47.6
215 48.5 29.0 69.0



#70
Pentachlorophenol
Concen: 41.161 ng
RT: 16.851 min Scan# 2340
Delta R.T. 0.006 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:266 Resp: 626146
Ion Ratio Lower Upper
266 100
268 64.6 51.3 76.9
264 63.1 50.6 76.0

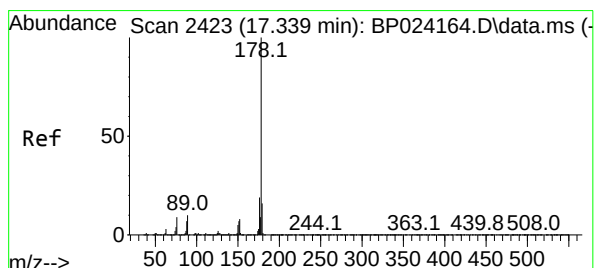
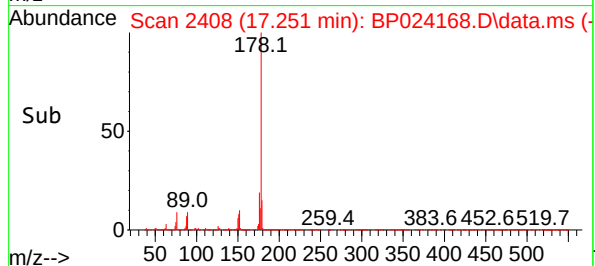
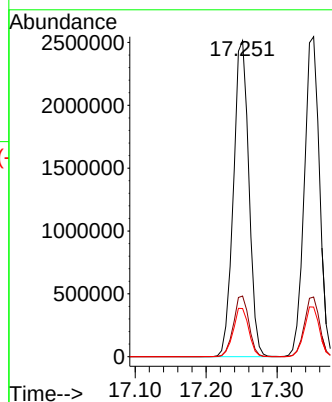
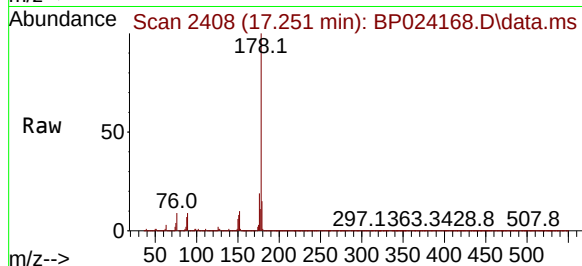




#71
Phenanthrene
Concen: 38.379 ng
RT: 17.251 min Scan# 2407
Delta R.T. 0.006 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

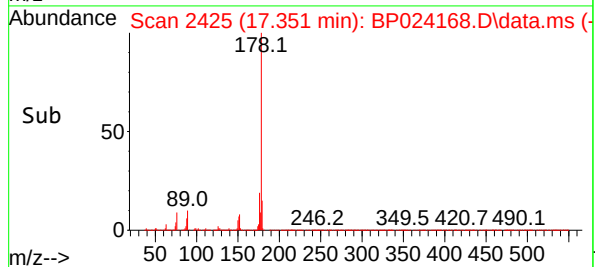
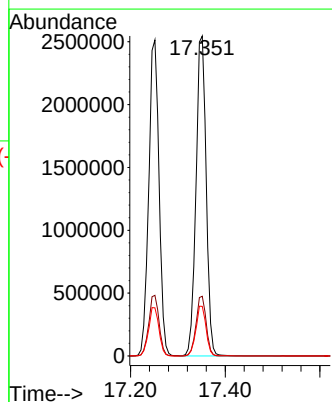
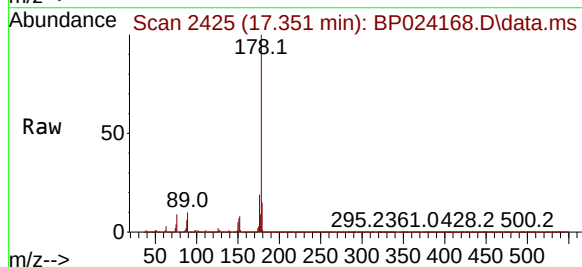
Instrument :
BNA_P
ClientSampleId :
ICVBP031225

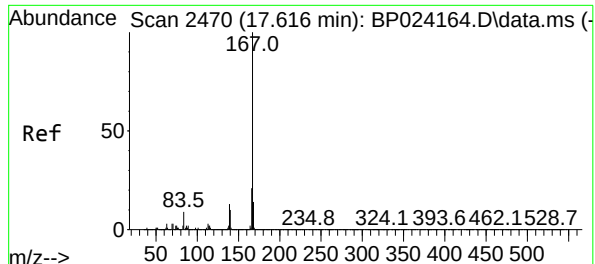
Tgt Ion:178 Resp: 3795212
Ion Ratio Lower Upper
178 100
176 19.2 15.6 23.4
179 15.2 12.5 18.7



#72
Anthracene
Concen: 39.358 ng
RT: 17.351 min Scan# 2425
Delta R.T. 0.012 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:178 Resp: 3790779
Ion Ratio Lower Upper
178 100
176 18.7 15.2 22.8
179 15.5 12.6 18.8

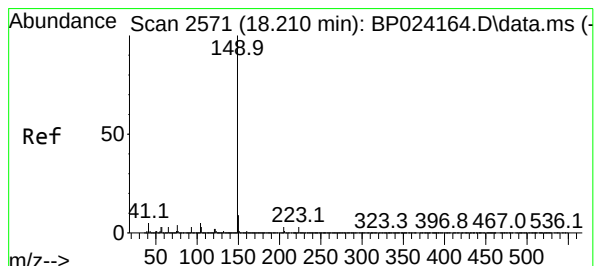
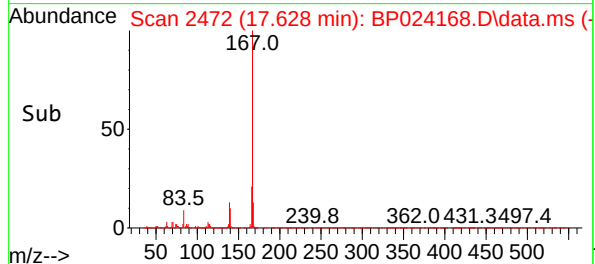
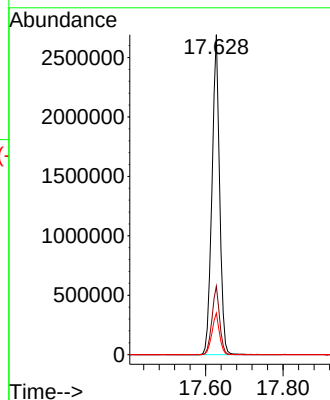
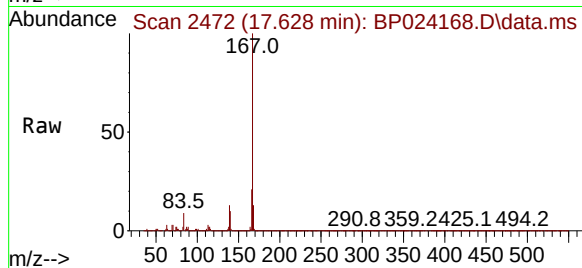




#73
Carbazole
Concen: 39.665 ng
RT: 17.628 min Scan# 2470
Delta R.T. 0.012 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

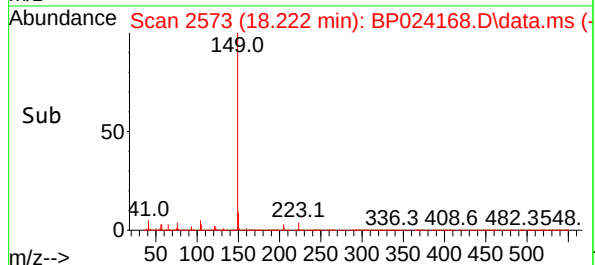
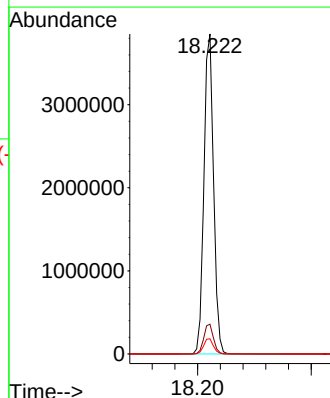
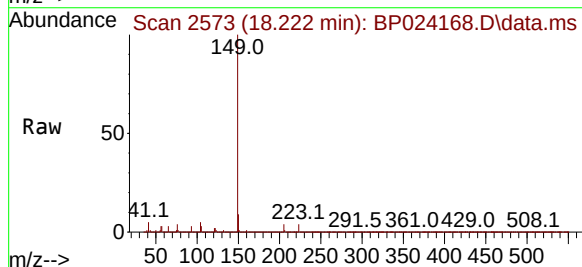
Instrument :
BNA_P
ClientSampleId :
ICVBP031225

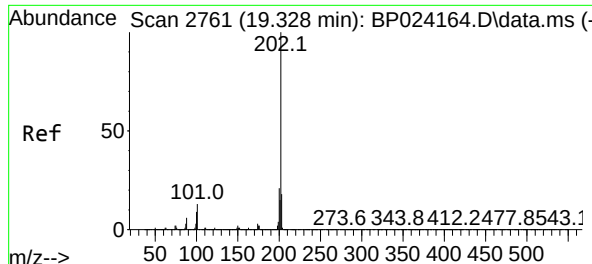
Tgt Ion:167 Resp: 3684202
Ion Ratio Lower Upper
167 100
166 21.4 17.1 25.7
139 13.0 10.2 15.4



#74
Di-n-butylphthalate
Concen: 40.866 ng
RT: 18.222 min Scan# 2573
Delta R.T. 0.012 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:149 Resp: 4505984
Ion Ratio Lower Upper
149 100
150 9.3 7.6 11.4
104 4.8 3.9 5.9

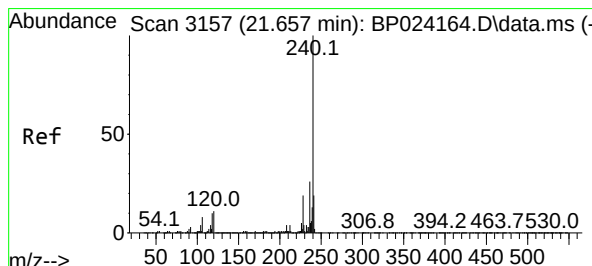
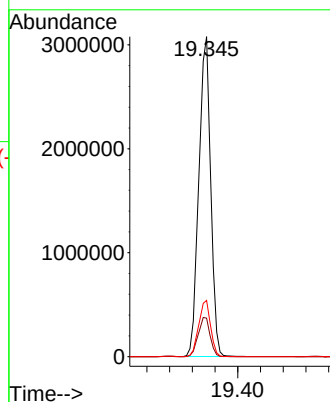
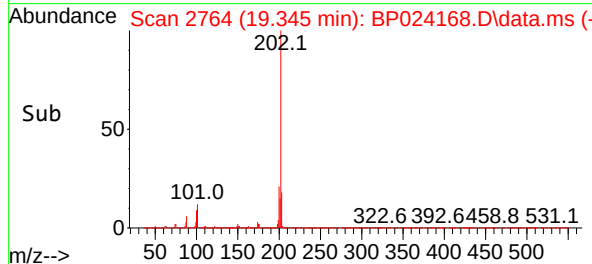
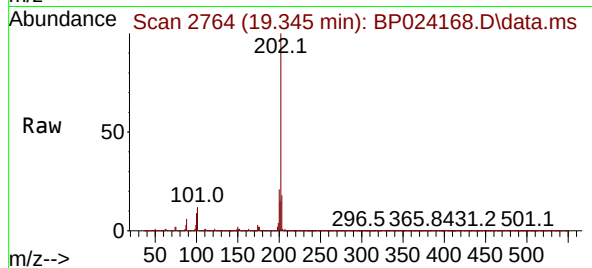




#75
Fluoranthene
Concen: 39.006 ng
RT: 19.345 min Scan# 21
Delta R.T. 0.018 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

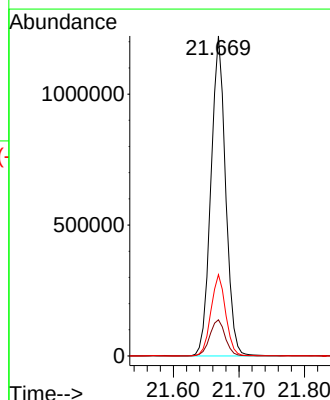
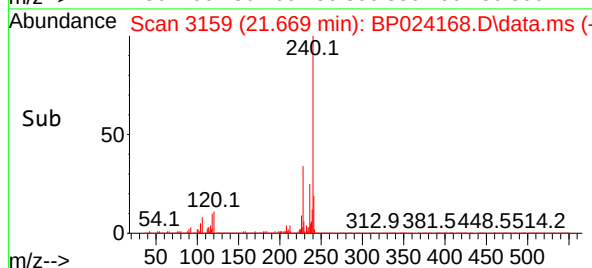
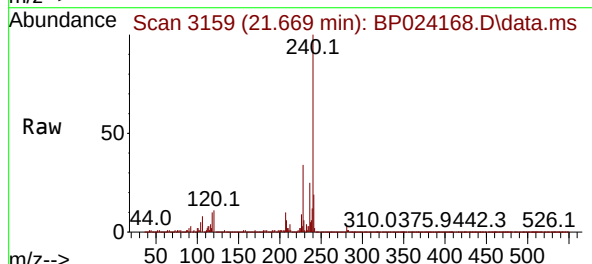
Instrument :
BNA_P
ClientSampleId :
ICVBP031225

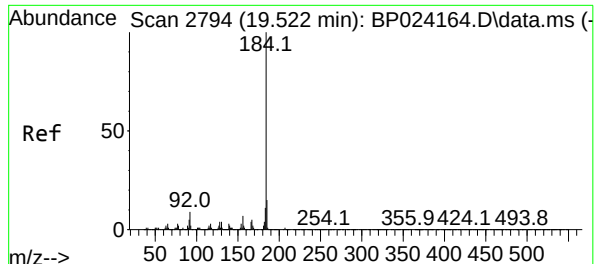
Tgt Ion:202 Resp: 4467370
Ion Ratio Lower Upper
202 100
101 12.1 0.0 32.5
203 17.6 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.669 min Scan# 3159
Delta R.T. 0.012 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:240 Resp: 1903114
Ion Ratio Lower Upper
240 100
120 11.3 9.2 13.8
236 25.4 20.4 30.6





#77

Benzidine

Concen: 39.777 ng

RT: 19.534 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024168.D

Acq: 12 Mar 2025 21:43

Instrument :

BNA_P

ClientSampleId :

ICVBP031225

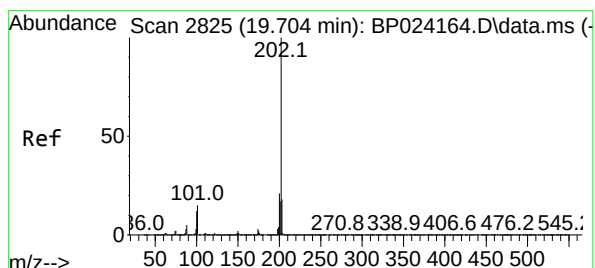
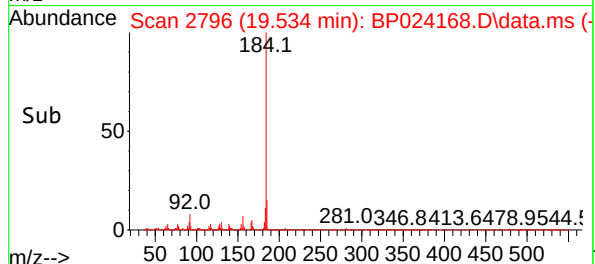
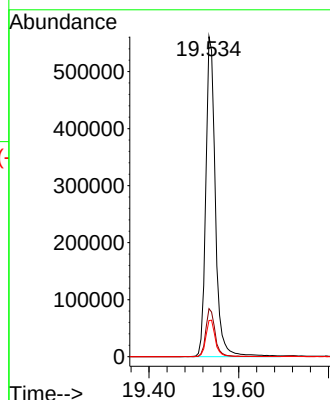
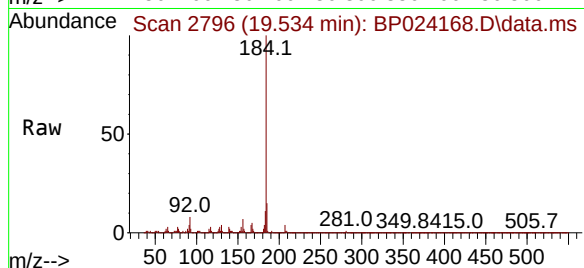
Tgt Ion:184 Resp: 827654

Ion Ratio Lower Upper

184 100

185 15.0 11.8 17.6

183 11.3 9.1 13.7



#78

Pyrene

Concen: 39.565 ng

RT: 19.716 min Scan# 2827

Delta R.T. 0.012 min

Lab File: BP024168.D

Acq: 12 Mar 2025 21:43

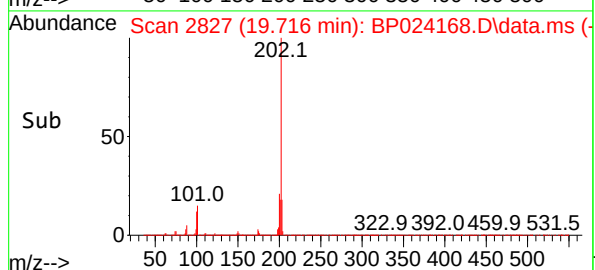
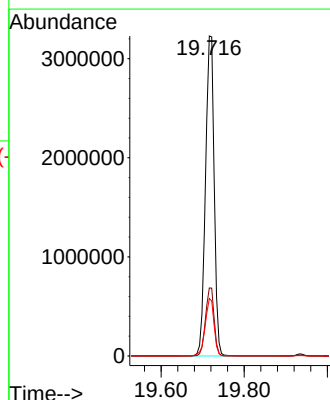
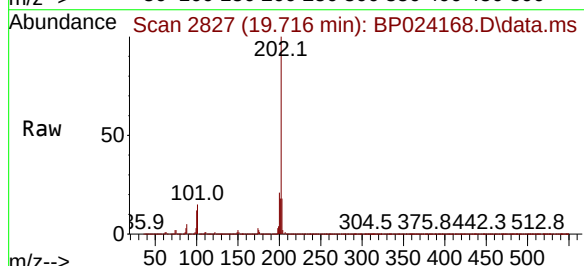
Tgt Ion:202 Resp: 4681182

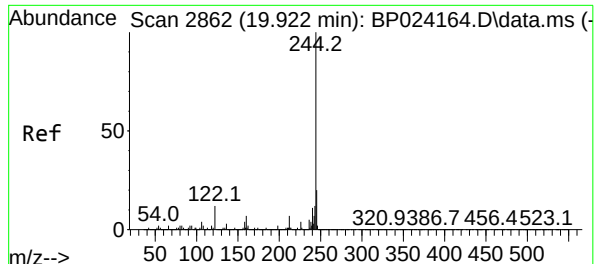
Ion Ratio Lower Upper

202 100

200 21.2 17.1 25.7

203 17.9 14.2 21.4





#79

Terphenyl-d14

Concen: 78.549 ng

RT: 19.933 min Scan# 2864

Delta R.T. 0.012 min

Lab File: BP024168.D

Acq: 12 Mar 2025 21:43

Instrument :

BNA_P

ClientSampleId :

ICVBP031225

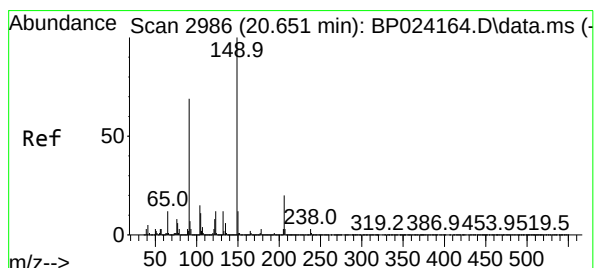
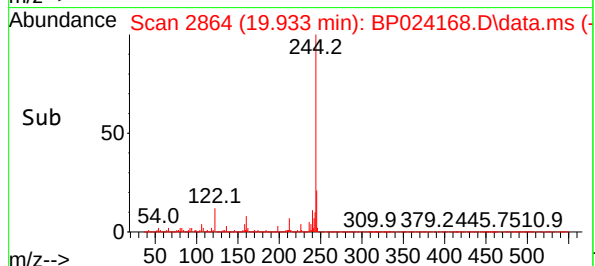
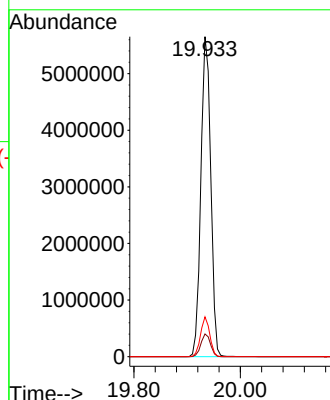
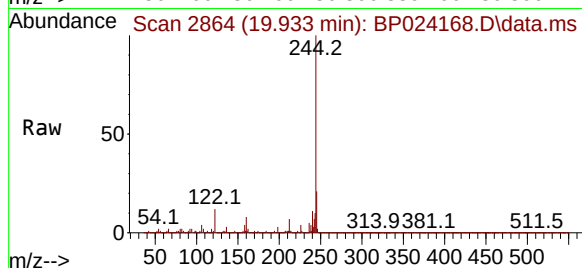
Tgt Ion:244 Resp: 7241807

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 12.5 9.6 14.4



#80

Butylbenzylphthalate

Concen: 40.824 ng

RT: 20.669 min Scan# 2989

Delta R.T. 0.018 min

Lab File: BP024168.D

Acq: 12 Mar 2025 21:43

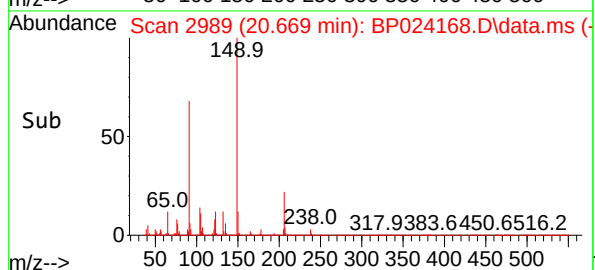
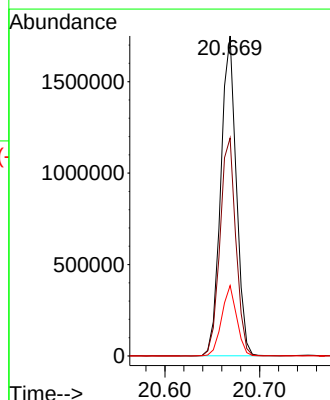
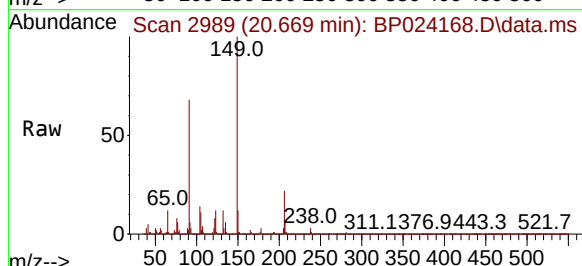
Tgt Ion:149 Resp: 1991838

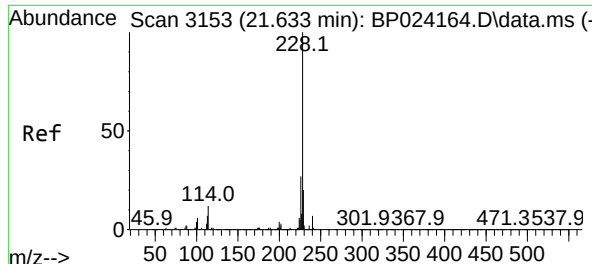
Ion Ratio Lower Upper

149 100

91 68.1 55.3 82.9

206 22.0 16.1 24.1

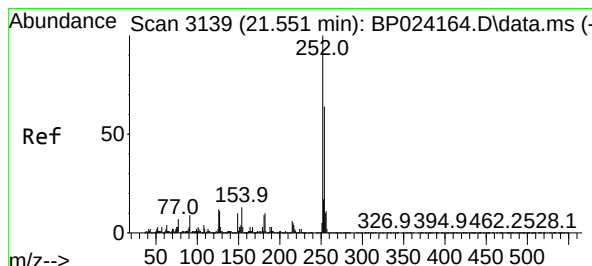
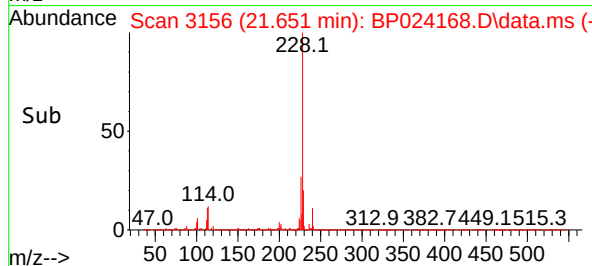
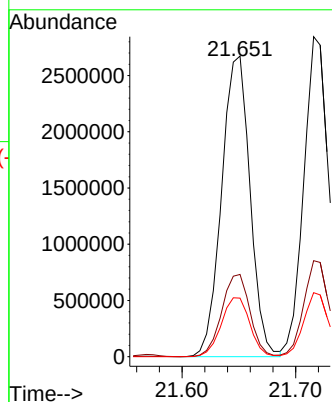
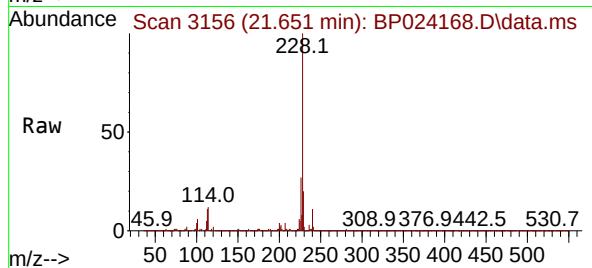




#81
Benzo(a)anthracene
Concen: 39.318 ng
RT: 21.651 min Scan# 3156
Delta R.T. 0.018 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

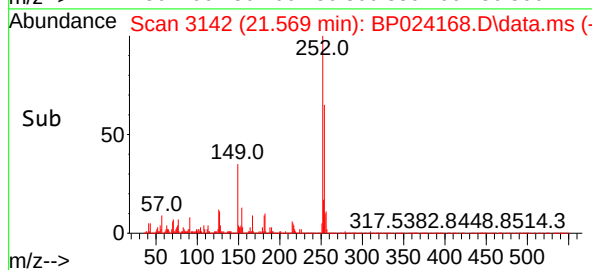
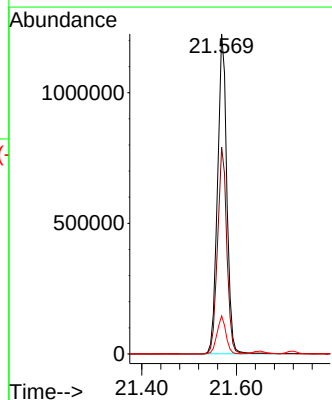
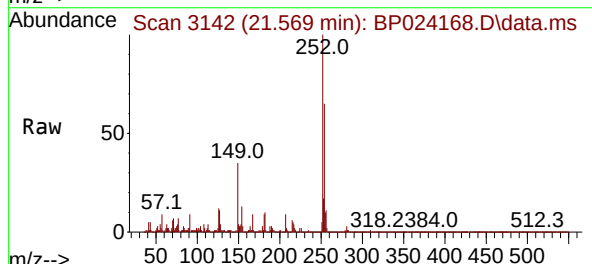
Instrument :
BNA_P
ClientSampleId :
ICVBP031225

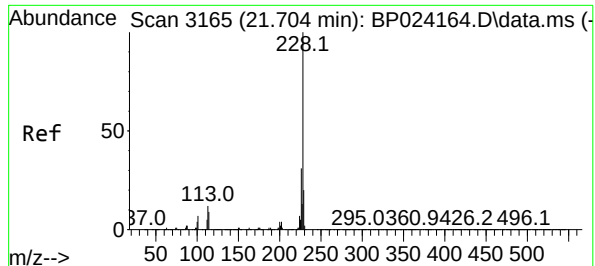
Tgt Ion:228 Resp: 4652183
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.8
229 19.5 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 41.750 ng
RT: 21.569 min Scan# 3142
Delta R.T. 0.018 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:252 Resp: 1655655
Ion Ratio Lower Upper
252 100
254 64.7 51.4 77.2
126 11.9 9.3 13.9





#83

Chrysene

Concen: 38.624 ng

RT: 21.716 min Scan# 3167

Delta R.T. 0.012 min

Lab File: BP024168.D

Acq: 12 Mar 2025 21:43

Instrument :

BNA_P

ClientSampleId :

ICVBP031225

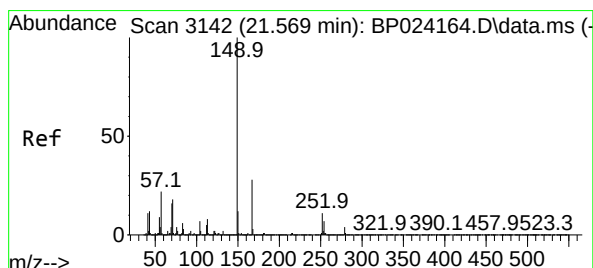
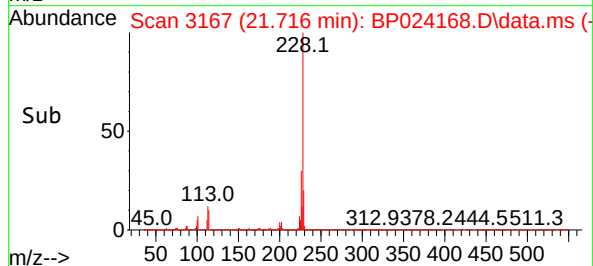
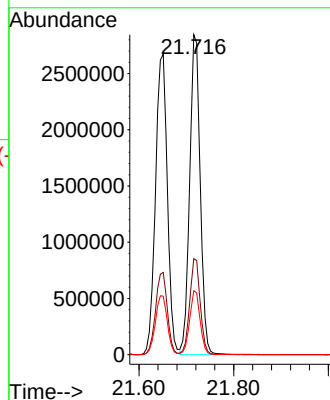
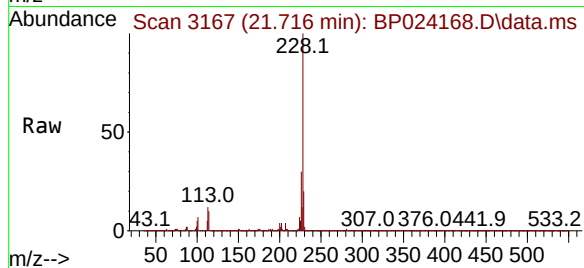
Tgt Ion:228 Resp: 4393252

Ion Ratio Lower Upper

228 100

226 30.0 24.5 36.7

229 20.0 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.569 ng

RT: 21.586 min Scan# 3145

Delta R.T. 0.018 min

Lab File: BP024168.D

Acq: 12 Mar 2025 21:43

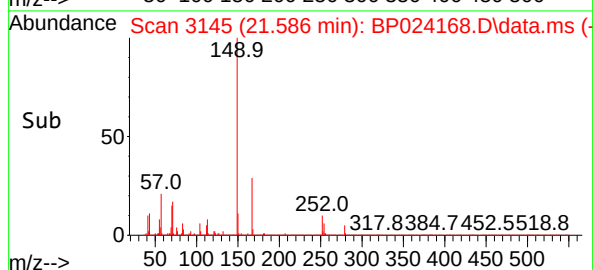
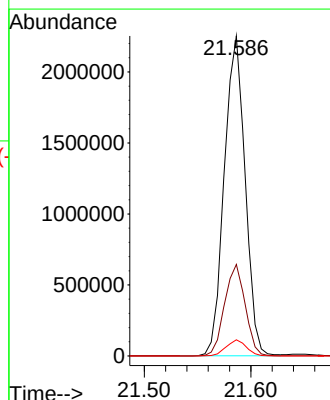
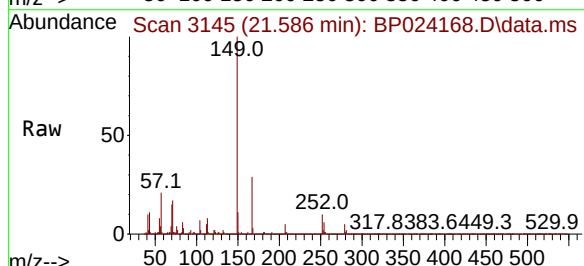
Tgt Ion:149 Resp: 3060349

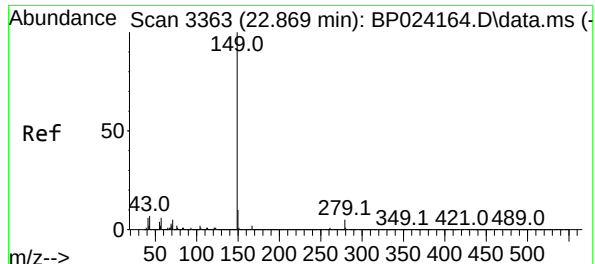
Ion Ratio Lower Upper

149 100

167 28.6 22.5 33.7

279 5.1 3.6 5.4

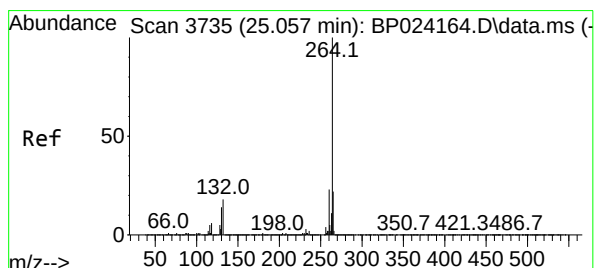
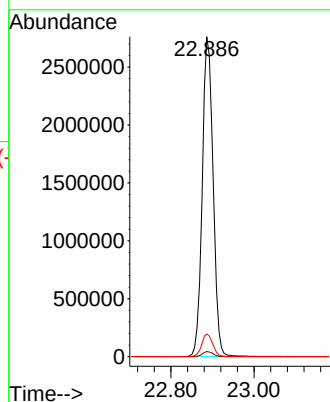
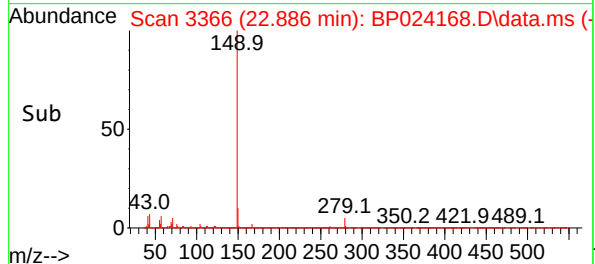
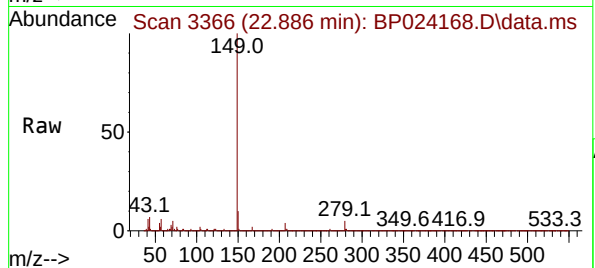




#85
Di-n-octyl phthalate
Concen: 42.452 ng
RT: 22.886 min Scan# 31
Delta R.T. 0.018 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

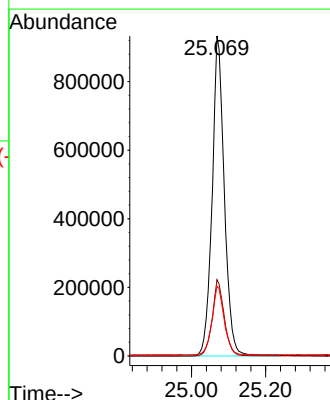
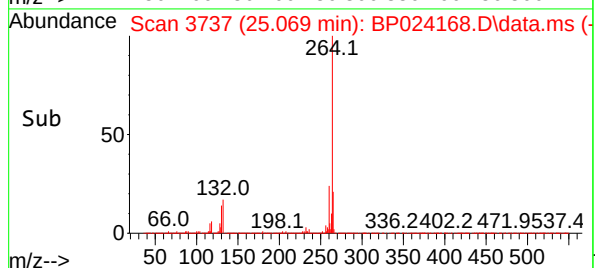
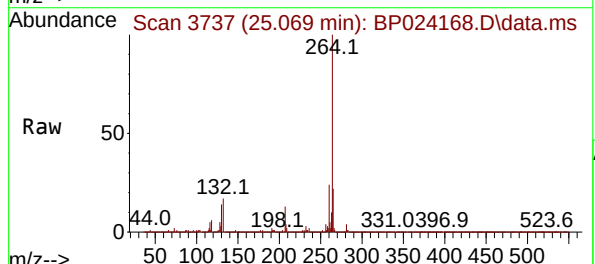
Instrument :
BNA_P
ClientSampleId :
ICVBP031225

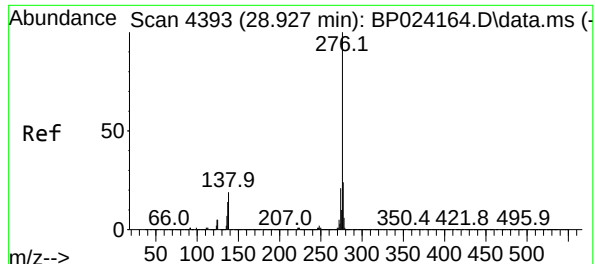
Tgt Ion:149 Resp: 5007462
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.2 5.8 8.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.069 min Scan# 3737
Delta R.T. 0.012 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:264 Resp: 2127367
Ion Ratio Lower Upper
264 100
260 23.9 18.5 27.7
265 21.8 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.387 ng

RT: 28.957 min Scan# 41

Delta R.T. 0.029 min

Lab File: BP024168.D

Acq: 12 Mar 2025 21:43

Instrument :

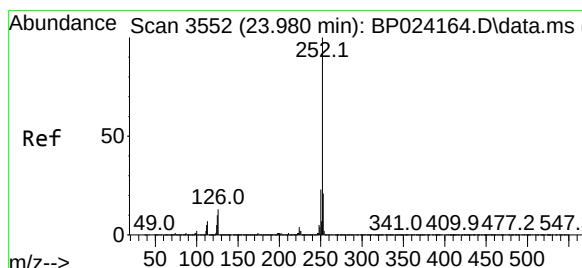
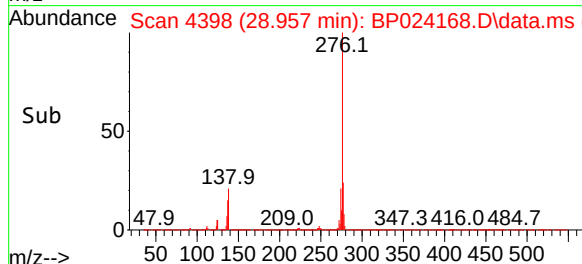
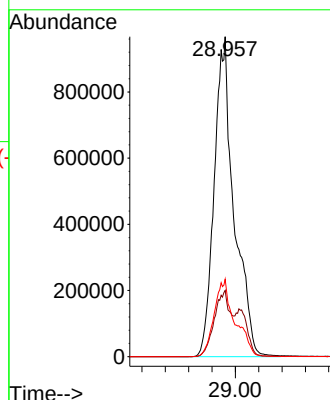
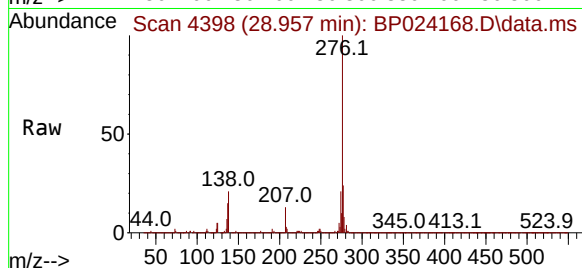
BNA_P

ClientSampleId :

ICVBP031225

Tgt Ion:276 Resp: 5699470

Ion	Ratio	Lower	Upper
276	100		
138	16.8	13.7	20.5
277	25.3	20.2	30.2



#88

Benzo(b)fluoranthene

Concen: 38.891 ng

RT: 23.992 min Scan# 3554

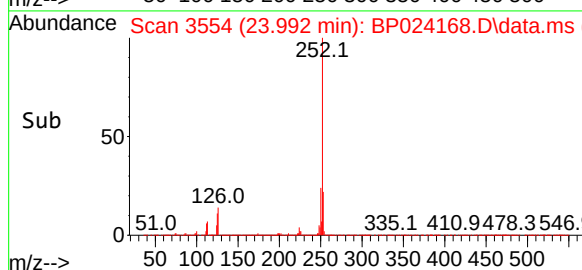
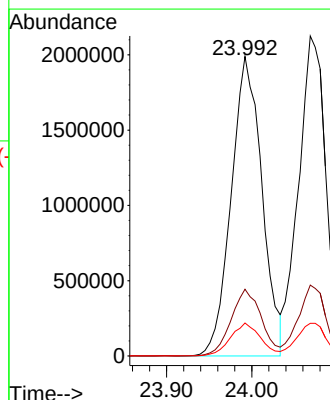
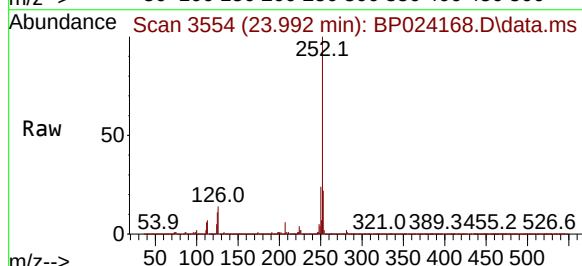
Delta R.T. 0.012 min

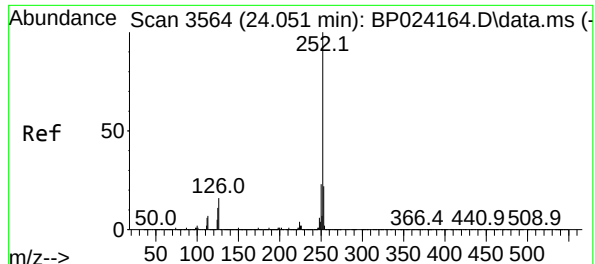
Lab File: BP024168.D

Acq: 12 Mar 2025 21:43

Tgt Ion:252 Resp: 4988392

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	11.0	8.2	12.4





#89

Benzo(k)fluoranthene

Concen: 38.280 ng

RT: 24.069 min Scan# 31

Delta R.T. 0.018 min

Lab File: BP024168.D

Acq: 12 Mar 2025 21:43

Instrument :

BNA_P

ClientSampleId :

ICVBP031225

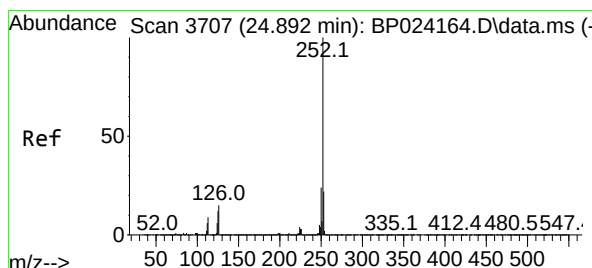
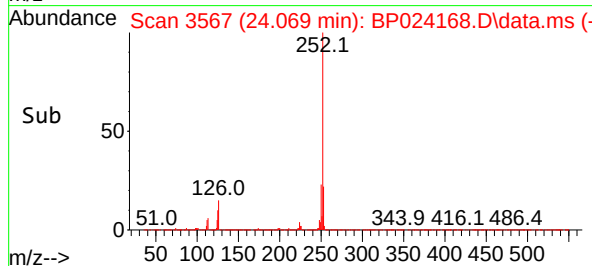
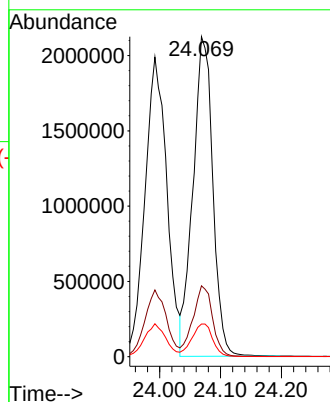
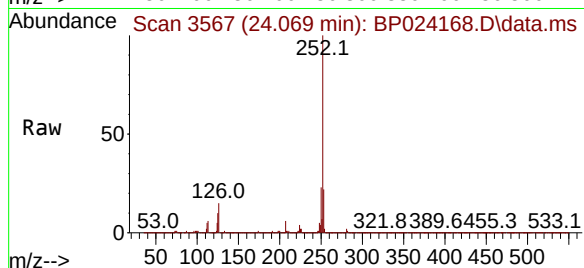
Tgt Ion:252 Resp: 4803010

Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 10.2 9.1 13.7



#90

Benzo(a)pyrene

Concen: 38.607 ng

RT: 24.916 min Scan# 3711

Delta R.T. 0.024 min

Lab File: BP024168.D

Acq: 12 Mar 2025 21:43

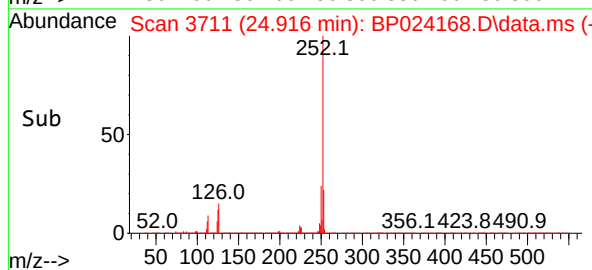
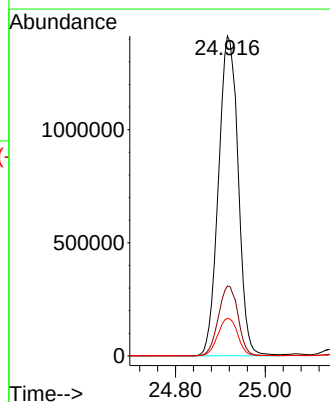
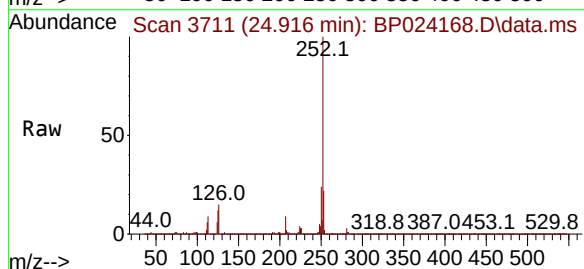
Tgt Ion:252 Resp: 4306060

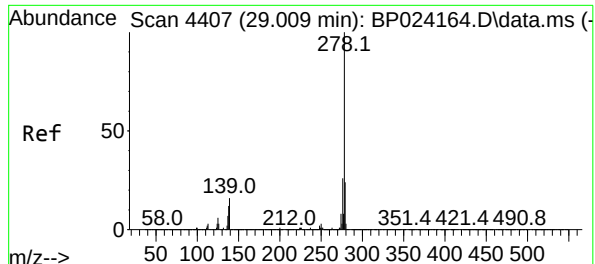
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 11.8 9.6 14.4

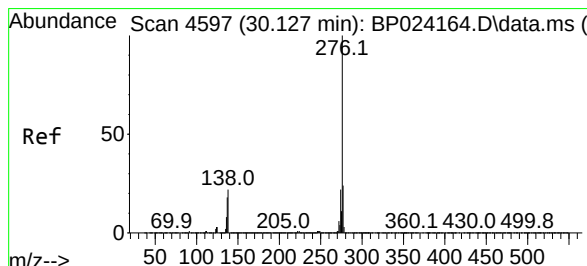
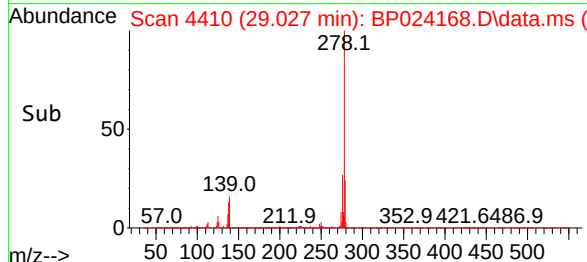
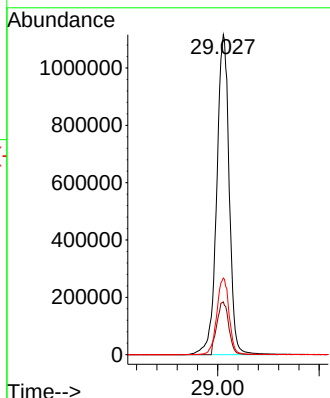
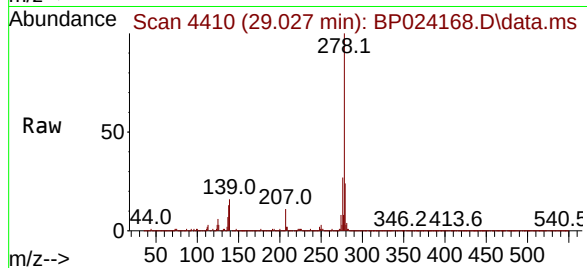




#91
Dibenzo(a,h)anthracene
Concen: 38.474 ng
RT: 29.027 min Scan# 4410
Delta R.T. 0.018 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

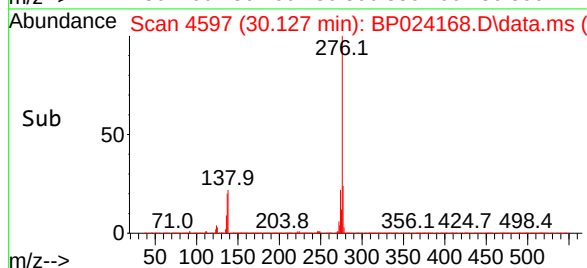
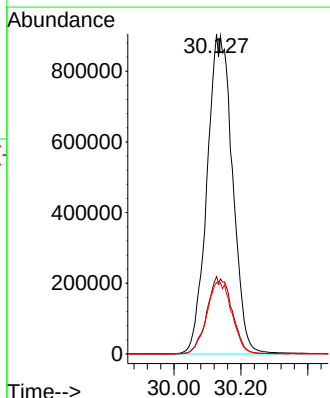
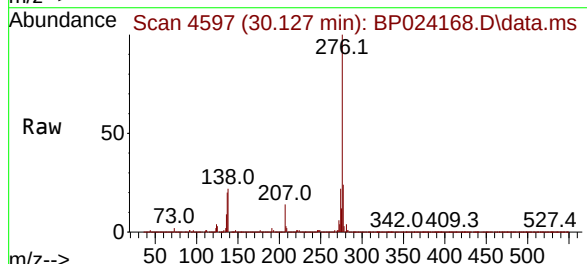
Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Tgt Ion:278 Resp: 4752357
Ion Ratio Lower Upper
278 100
139 16.5 13.0 19.4
279 24.0 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 38.087 ng m
RT: 30.127 min Scan# 4597
Delta R.T. 0.000 min
Lab File: BP024168.D
Acq: 12 Mar 2025 21:43

Tgt Ion:276 Resp: 4782473
Ion Ratio Lower Upper
276 100
277 24.1 19.2 28.8
138 22.4 17.4 26.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
 Data File : BP024168.D
 Acq On : 12 Mar 2025 21:43
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP031225

Quant Time: Mar 13 04:44:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 04:38:17 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	104	0.00
2	1,4-Dioxane	0.497	0.470	5.4	105	0.00
3	Pyridine	1.358	1.314	3.2	105	0.00
4	n-Nitrosodimethylamine	0.454	0.438	3.5	106	0.00
5 S	2-Fluorophenol	1.253	1.225	2.2	106	0.00
6	Aniline	1.527	1.504	1.5	106	0.00
7 S	Phenol-d6	1.675	1.648	1.6	105	0.00
8	2-Chlorophenol	1.353	1.325	2.1	106	0.00
9	Benzaldehyde	0.809	0.816	-0.9	109	0.00
10 C	Phenol	1.691	1.644	2.8	105	0.00
11	bis(2-Chloroethyl)ether	1.334	1.274	4.5	104	0.00
12	1,3-Dichlorobenzene	1.459	1.399	4.1	105	0.00
13 C	1,4-Dichlorobenzene	1.490	1.414	5.1	104	0.00
14	1,2-Dichlorobenzene	1.430	1.363	4.7	105	0.00
15	Benzyl Alcohol	1.061	1.061	0.0	106	0.00
16	2,2'-oxybis(1-Chloropropane	1.361	1.305	4.1	105	0.00
17	2-Methylphenol	1.061	1.051	0.9	106	0.00
18	Hexachloroethane	0.529	0.510	3.6	105	0.00
19 P	n-Nitroso-di-n-propylamine	0.972	0.965	0.7	105	0.00
20	3+4-Methylphenols	1.457	1.444	0.9	105	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	106	0.00
22	Acetophenone	0.506	0.488	3.6	104	0.00
23 S	Nitrobenzene-d5	0.354	0.349	1.4	105	0.00
24	Nitrobenzene	0.350	0.341	2.6	106	0.00
25	Isophorone	0.608	0.603	0.8	106	0.00
26 C	2-Nitrophenol	0.167	0.175	-4.8	109	0.00
27	2,4-Dimethylphenol	0.215	0.214	0.5	105	0.00
28	bis(2-Chloroethoxy)methane	0.427	0.413	3.3	105	0.00
29 C	2,4-Dichlorophenol	0.291	0.295	-1.4	105	0.00
30	1,2,4-Trichlorobenzene	0.321	0.307	4.4	104	0.00
31	Naphthalene	1.060	1.013	4.4	104	0.00
32	Benzoic acid	0.209	0.228	-9.1	111	0.00
33	4-Chloroaniline	0.379	0.375	1.1	105	0.00
34 C	Hexachlorobutadiene	0.185	0.179	3.2	106	0.00
35	Caprolactam	0.095	0.097	-2.1	106	0.00
36 C	4-Chloro-3-methylphenol	0.313	0.311	0.6	105	0.00
37	2-Methylnaphthalene	0.716	0.694	3.1	105	0.00
38	1-Methylnaphthalene	0.697	0.677	2.9	107	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	104	0.00
40	1,2,4,5-Tetrachlorobenzene	0.578	0.564	2.4	105	0.00
41 P	Hexachlorocyclopentadiene	0.208	0.214	-2.9	105	0.00
42 S	2,4,6-Tribromophenol	0.252	0.257	-2.0	106	0.00
43 C	2,4,6-Trichlorophenol	0.367	0.376	-2.5	105	0.00
44	2,4,5-Trichlorophenol	0.403	0.413	-2.5	105	0.00
45 S	2-Fluorobiphenyl	1.356	1.321	2.6	104	0.00
46	1,1'-Biphenyl	1.503	1.460	2.9	104	0.00
47	2-Chloronaphthalene	1.130	1.102	2.5	105	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
 Data File : BP024168.D
 Acq On : 12 Mar 2025 21:43
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP031225

Quant Time: Mar 13 04:44:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 04:38:17 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	0.289	0.297	-2.8	106	0.00
49	Acenaphthylene	1.710	1.679	1.8	105	0.00
50	Dimethylphthalate	1.399	1.349	3.6	103	0.00
51	2,6-Dinitrotoluene	0.294	0.292	0.7	103	0.00
52 C	Acenaphthene	1.093	1.062	2.8	104	0.00
53	3-Nitroaniline	0.318	0.324	-1.9	104	0.00
54 P	2,4-Dinitrophenol	0.156	0.167	-7.1	108	0.00
55	Dibenzofuran	1.770	1.693	4.4	103	0.00
56 P	4-Nitrophenol	0.266	0.281	-5.6	105	0.00
57	2,4-Dinitrotoluene	0.389	0.400	-2.8	105	0.00
58	Fluorene	1.379	1.347	2.3	104	0.00
59	2,3,4,6-Tetrachlorophenol	0.356	0.355	0.3	103	0.00
60	Diethylphthalate	1.394	1.343	3.7	103	0.00
61	4-Chlorophenyl-phenylether	0.676	0.652	3.6	103	0.00
62	4-Nitroaniline	0.334	0.344	-3.0	104	0.00
63	Azobenzene	1.314	1.292	1.7	104	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	105	0.00
65	4,6-Dinitro-2-methylphenol	0.119	0.120	-0.8	105	0.00
66 c	n-Nitrosodiphenylamine	0.607	0.596	1.8	105	0.00
67	4-Bromophenyl-phenylether	0.220	0.213	3.2	104	0.00
68	Hexachlorobenzene	0.260	0.254	2.3	105	0.00
69	Atrazine	0.147	0.133	9.5	103	0.00
70 C	Pentachlorophenol	0.168	0.173	-3.0	103	0.00
71	Phenanthrene	1.093	1.048	4.1	102	0.00
72	Anthracene	1.064	1.047	1.6	104	0.01
73	Carbazole	1.026	1.018	0.8	103	0.01
74	Di-n-butylphthalate	1.218	1.245	-2.2	104	0.01
75 C	Fluoranthene	1.265	1.234	2.5	103	0.02
76 I	Chrysene-d12	1.000	1.000	0.0	101	0.01
77	Benzidine	0.219	0.217	0.9	85	0.01
78	Pyrene	1.243	1.230	1.0	103	0.01
79 S	Terphenyl-d14	0.969	0.951	1.9	102	0.01
80	Butylbenzylphthalate	0.513	0.523	-1.9	101	0.02
81	Benzo(a)anthracene	1.243	1.222	1.7	102	0.02
82	3,3'-Dichlorobenzidine	0.417	0.435	-4.3	103	0.02
83	Chrysene	1.195	1.154	3.4	101	0.01
84	Bis(2-ethylhexyl)phthalate	0.774	0.804	-3.9	103	0.02
85 c	Di-n-octyl phthalate	1.240	1.316	-6.1	105	0.02
86 I	Perylene-d12	1.000	1.000	0.0	104	0.01
87	Indeno(1,2,3-cd)pyrene	1.396	1.340	4.0	102	0.03
88	Benzo(b)fluoranthene	1.206	1.172	2.8	103	0.01
89	Benzo(k)fluoranthene	1.180	1.129	4.3	104	0.02
90 C	Benzo(a)pyrene	1.049	1.012	3.5	102	0.02
91	Dibenzo(a,h)anthracene	1.161	1.117	3.8	102	0.02
92	Benzo(g,h,i)perylene	1.180	1.124	4.7	101	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024168.D
Acq On : 12 Mar 2025 21:43
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Quant Time: Mar 13 04:44:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:38:17 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_P\Data\BP031225\
 Data File : BP024168.D
 Acq On : 12 Mar 2025 21:43
 Operator : RC/JU
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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	104	0.00
2	1,4-Dioxane	40.000	37.880	5.3	105	0.00
3	Pyridine	40.000	38.718	3.2	105	0.00
4	n-Nitrosodimethylamine	40.000	38.646	3.4	106	0.00
5 S	2-Fluorophenol	80.000	78.230	2.2	106	0.00
6	Aniline	40.000	39.413	1.5	106	0.00
7 S	Phenol-d6	80.000	78.704	1.6	105	0.00
8	2-Chlorophenol	40.000	39.149	2.1	106	0.00
9	Benzaldehyde	40.000	40.389	-1.0	109	0.00
10 C	Phenol	40.000	38.869	2.8	105	0.00
11	bis(2-Chloroethyl)ether	40.000	38.203	4.5	104	0.00
12	1,3-Dichlorobenzene	40.000	38.353	4.1	105	0.00
13 C	1,4-Dichlorobenzene	40.000	37.960	5.1	104	0.00
14	1,2-Dichlorobenzene	40.000	38.116	4.7	105	0.00
15	Benzyl Alcohol	40.000	39.999	0.0	106	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	38.356	4.1	105	0.00
17	2-Methylphenol	40.000	39.636	0.9	106	0.00
18	Hexachloroethane	40.000	38.587	3.5	105	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	39.697	0.8	105	0.00
20	3+4-Methylphenols	40.000	39.629	0.9	105	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	106	0.00
22	Acetophenone	40.000	38.611	3.5	104	0.00
23 S	Nitrobenzene-d5	80.000	78.652	1.7	105	0.00
24	Nitrobenzene	40.000	39.045	2.4	106	0.00
25	Isophorone	40.000	39.677	0.8	106	0.00
26 C	2-Nitrophenol	40.000	41.892	-4.7	109	0.00
27	2,4-Dimethylphenol	40.000	39.779	0.6	105	0.00
28	bis(2-Chloroethoxy)methane	40.000	38.608	3.5	105	0.00
29 C	2,4-Dichlorophenol	40.000	40.558	-1.4	105	0.00
30	1,2,4-Trichlorobenzene	40.000	38.264	4.3	104	0.00
31	Naphthalene	40.000	38.223	4.4	104	0.00
32	Benzoic acid	40.000	43.618	-9.0	111	0.00
33	4-Chloroaniline	40.000	39.499	1.3	105	0.00
34 C	Hexachlorobutadiene	40.000	38.854	2.9	106	0.00
35	Caprolactam	40.000	40.859	-2.1	106	0.00
36 C	4-Chloro-3-methylphenol	40.000	39.702	0.7	105	0.00
37	2-Methylnaphthalene	40.000	38.762	3.1	105	0.00
38	1-Methylnaphthalene	40.000	38.874	2.8	107	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	104	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	38.988	2.5	105	0.00
41 P	Hexachlorocyclopentadiene	40.000	41.026	-2.6	105	0.00
42 S	2,4,6-Tribromophenol	80.000	81.766	-2.2	106	0.00
43 C	2,4,6-Trichlorophenol	40.000	40.950	-2.4	105	0.00
44	2,4,5-Trichlorophenol	40.000	40.985	-2.5	105	0.00
45 S	2-Fluorobiphenyl	80.000	77.885	2.6	104	0.00
46	1,1'-Biphenyl	40.000	38.846	2.9	104	0.00
47	2-Chloronaphthalene	40.000	39.006	2.5	105	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
 Data File : BP024168.D
 Acq On : 12 Mar 2025 21:43
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP031225

Quant Time: Mar 13 04:44:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 04:38:17 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	41.137	-2.8	106	0.00
49	Acenaphthylene	40.000	39.262	1.8	105	0.00
50	Dimethylphthalate	40.000	38.548	3.6	103	0.00
51	2,6-Dinitrotoluene	40.000	39.611	1.0	103	0.00
52 C	Acenaphthene	40.000	38.881	2.8	104	0.00
53	3-Nitroaniline	40.000	40.719	-1.8	104	0.00
54 P	2,4-Dinitrophenol	40.000	42.791	-7.0	108	0.00
55	Dibenzofuran	40.000	38.264	4.3	103	0.00
56 P	4-Nitrophenol	40.000	42.293	-5.7	105	0.00
57	2,4-Dinitrotoluene	40.000	41.106	-2.8	105	0.00
58	Fluorene	40.000	39.061	2.3	104	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	39.844	0.4	103	0.00
60	Diethylphthalate	40.000	38.539	3.7	103	0.00
61	4-Chlorophenyl-phenylether	40.000	38.572	3.6	103	0.00
62	4-Nitroaniline	40.000	41.253	-3.1	104	0.00
63	Azobenzene	40.000	39.347	1.6	104	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	105	0.00
65	4,6-Dinitro-2-methylphenol	40.000	40.442	-1.1	105	0.00
66 c	n-Nitrosodiphenylamine	40.000	39.234	1.9	105	0.00
67	4-Bromophenyl-phenylether	40.000	38.892	2.8	104	0.00
68	Hexachlorobenzene	40.000	39.073	2.3	105	0.00
69	Atrazine	40.000	36.287	9.3	103	0.00
70 C	Pentachlorophenol	40.000	41.161	-2.9	103	0.00
71	Phenanthrene	40.000	38.379	4.1	102	0.00
72	Anthracene	40.000	39.358	1.6	104	0.01
73	Carbazole	40.000	39.665	0.8	103	0.01
74	Di-n-butylphthalate	40.000	40.866	-2.2	104	0.01
75 C	Fluoranthene	40.000	39.006	2.5	103	0.02
76 I	Chrysene-d12	20.000	20.000	0.0	101	0.01
77	Benzidine	40.000	39.777	0.6	85	0.01
78	Pyrene	40.000	39.565	1.1	103	0.01
79 S	Terphenyl-d14	80.000	78.549	1.8	102	0.01
80	Butylbenzylphthalate	40.000	40.824	-2.1	101	0.02
81	Benzo(a)anthracene	40.000	39.318	1.7	102	0.02
82	3,3'-Dichlorobenzidine	40.000	41.750	-4.4	103	0.02
83	Chrysene	40.000	38.624	3.4	101	0.01
84	Bis(2-ethylhexyl)phthalate	40.000	41.569	-3.9	103	0.02
85 c	Di-n-octyl phthalate	40.000	42.452	-6.1	105	0.02
86 I	Perylene-d12	20.000	20.000	0.0	104	0.01
87	Indeno(1,2,3-cd)pyrene	40.000	38.387	4.0	102	0.03
88	Benzo(b)fluoranthene	40.000	38.891	2.8	103	0.01
89	Benzo(k)fluoranthene	40.000	38.280	4.3	104	0.02
90 C	Benzo(a)pyrene	40.000	38.607	3.5	102	0.02
91	Dibenzo(a,h)anthracene	40.000	38.474	3.8	102	0.02
92	Benzo(g,h,i)perylene	40.000	38.087	4.8	101	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024168.D
Acq On : 12 Mar 2025 21:43
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Quant Time: Mar 13 04:44:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:38:17 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.: Q1574 SAS No.: Q1574 SDG No.: Q1574

Instrument ID: BNA_F Calibration Date/Time: 03/17/2025 09:39

Lab File ID: BF141973.D Init. Calib. Date(s): 03/10/2025 03/10/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:01 15:20

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.198	1.143		-4.6	
Benzaldehyde	0.853	0.698		-18.2	
Phenol-d6	1.526	1.395		-8.6	
Phenol	1.605	1.465		-8.7	20.0
bis(2-Chloroethyl)ether	1.205	1.072		-11.0	
2-Chlorophenol	1.329	1.240		-6.7	
2-Methylphenol	1.057	0.929		-12.1	
2,2-oxybis(1-Chloropropane)	1.455	1.194		-17.9	
Acetophenone	0.479	0.453		-5.4	
3+4-Methylphenols	1.354	1.184		-12.6	
n-Nitroso-di-n-propylamine	0.980	0.794	0.050	-19.0	
Nitrobenzene-d5	0.355	0.342		-3.7	
Hexachloroethane	0.544	0.502		-7.7	
Nitrobenzene	0.353	0.337		-4.5	
Isophorone	0.628	0.555		-11.6	
2-Nitrophenol	0.173	0.173		0.0	20.0
2,4-Dimethylphenol	0.239	0.219		-8.4	
bis(2-Chloroethoxy)methane	0.394	0.352		-10.7	
2,4-Dichlorophenol	0.296	0.281		-5.1	20.0
Naphthalene	1.027	0.987		-3.9	
4-Chloroaniline	0.363	0.328		-9.6	
Hexachlorobutadiene	0.213	0.209		-1.9	20.0
Caprolactam	0.090	0.076		-15.6	
4-Chloro-3-methylphenol	0.331	0.296		-10.6	20.0
2-Methylnaphthalene	0.687	0.632		-8.0	
Hexachlorocyclopentadiene	0.238	0.242	0.050	1.7	
2,4,6-Trichlorophenol	0.398	0.397		-0.3	20.0
2-Fluorobiphenyl	1.315	1.326		0.8	
2,4,5-Trichlorophenol	0.403	0.397		-1.5	
1,1-Biphenyl	1.520	1.526		0.4	
2-Chloronaphthalene	1.133	1.123		-0.9	
2-Nitroaniline	0.328	0.310		-5.5	
Dimethylphthalate	1.401	1.315		-6.1	
Acenaphthylene	1.681	1.647		-2.0	
2,6-Dinitrotoluene	0.292	0.281		-3.8	
3-Nitroaniline	0.296	0.280		-5.4	
Acenaphthene	1.181	1.164		-1.4	20.0
2,4-Dinitrophenol	0.139	0.138	0.050	-0.7	
4-Nitrophenol	0.223	0.220	0.050	-1.3	



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.: Q1574 SAS No.: Q1574 SDG No.: Q1574

Instrument ID: BNA_F Calibration Date/Time: 03/17/2025 09:39

Lab File ID: BF141973.D Init. Calib. Date(s): 03/10/2025 03/10/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:01 15:20

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.688	1.612		-4.5	
2,4-Dinitrotoluene	0.381	0.363		-4.7	
Diethylphthalate	1.397	1.280		-8.4	
4-Chlorophenyl-phenylether	0.679	0.653		-3.8	
Fluorene	1.302	1.247		-4.2	
4-Nitroaniline	0.288	0.271		-5.9	
4,6-Dinitro-2-methylphenol	0.119	0.121		1.7	
n-Nitrosodiphenylamine	0.647	0.639		-1.2	20.0
2,4,6-Tribromophenol	0.254	0.242		-4.7	
4-Bromophenyl-phenylether	0.251	0.248		-1.2	
Hexachlorobenzene	0.275	0.277		0.7	
Atrazine	0.198	0.174		-12.1	
Pentachlorophenol	0.170	0.175		2.9	20.0
Phenanthrene	1.080	1.047		-3.1	
Anthracene	1.084	1.060		-2.3	
Carbazole	0.935	0.886		-5.2	
Di-n-butylphthalate	1.240	1.152		-7.1	
Fluoranthene	1.146	1.043		-9.0	20.0
Pyrene	1.730	1.469		-15.1	
Terphenyl-d14	1.353	1.154		-14.7	
Butylbenzylphthalate	0.677	0.594		-12.3	
3,3-Dichlorobenzidine	0.379	0.427		12.7	
Benzo (a) anthracene	1.312	1.239		-5.6	
Chrysene	1.190	1.192		0.2	
Bis(2-ethylhexyl)phthalate	0.934	0.858		-8.1	
Di-n-octyl phthalate	1.299	1.464		12.7	20.0
Benzo (b) fluoranthene	1.371	1.109		-19.1	
Benzo (k) fluoranthene	1.173	1.101		-6.1	
Benzo (a) pyrene	1.073	1.006		-6.2	20.0
Indeno (1,2,3-cd) pyrene	1.294	1.403		8.4	
Dibenzo (a,h) anthracene	1.067	1.162		8.9	
Benzo (g,h,i) perylene	1.055	1.184		12.2	
1,2,4,5-Tetrachlorobenzene	0.609	0.630		3.4	
1,4-Dioxane	0.502	0.490		-2.4	20.0
2,3,4,6-Tetrachlorophenol	0.367	0.353		-3.8	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
 Data File : BF141973.D
 Acq On : 17 Mar 2025 09:39
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/18/2025

Supervised By :Jagrut Upadhyay 03/18/2025

Quant Time: Mar 17 10:19:23 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Mar 10 15:46:22 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	158789	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	576888	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	299010	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	485045	20.000	ng	0.00
76) Chrysene-d12	14.039	240	344713	20.000	ng	0.00
86) Perylene-d12	15.515	264	406777	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	726019	76.309	ng	0.00
7) Phenol-d6	6.504	99	886092	73.148	ng	0.00
23) Nitrobenzene-d5	7.445	82	790242	77.089	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	289958	76.439	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1586112	80.672	ng	0.00
79) Terphenyl-d14	12.986	244	1590671	68.223	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	155645	39.043	ng	97
3) Pyridine	3.410	79	367552	37.587	ng	97
4) n-Nitrosodimethylamine	3.351	42	166807	35.785	ng	95
6) Aniline	6.545	93	413293	34.585	ng	99
8) 2-Chlorophenol	6.663	128	393828	37.323	ng	98
9) Benzaldehyde	6.434	77	221800	32.738	ng	99
10) Phenol	6.516	94	465329	36.514	ng	99
11) bis(2-Chloroethyl)ether	6.616	93	340429	35.575	ng	100
12) 1,3-Dichlorobenzene	6.822	146	430495	37.789	ng	99
13) 1,4-Dichlorobenzene	6.898	146	438768	38.067	ng	100
14) 1,2-Dichlorobenzene	7.051	146	413499	38.087	ng	99
15) Benzyl Alcohol	7.016	79	350133	35.752	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	379037	32.809	ng	98
17) 2-Methylphenol	7.128	107	295057	35.168	ng	99
18) Hexachloroethane	7.392	117	159570	36.918	ng	97
19) n-Nitroso-di-n-propyla...	7.292	70	252004	32.376	ng	98
20) 3+4-Methylphenols	7.281	107	375963	34.985	ng	92
22) Acetophenone	7.286	105	522341	37.809	ng	98
24) Nitrobenzene	7.463	77	388485	38.121	ng	98
25) Isophorone	7.698	82	640327	35.337	ng	100
26) 2-Nitrophenol	7.775	139	199613	39.909	ng	99
27) 2,4-Dimethylphenol	7.810	122	252703	36.692	ng	100
28) bis(2-Chloroethoxy)met...	7.910	93	406390	35.757	ng	99
29) 2,4-Dichlorophenol	8.016	162	324190	37.924	ng	98
30) 1,2,4-Trichlorobenzene	8.104	180	368364	39.102	ng	100
31) Naphthalene	8.186	128	1138896	38.432	ng	99
32) Benzoic acid	7.916	122	246229	40.672	ng	97
33) 4-Chloroaniline	8.228	127	378960	36.225	ng	99
34) Hexachlorobutadiene	8.298	225	240979	39.224	ng	99
35) Caprolactam	8.592	113	88097	33.803	ng	95
36) 4-Chloro-3-methylphenol	8.704	107	341518	35.814	ng	97
37) 2-Methylnaphthalene	8.875	142	728770	36.793	ng	99
38) 1-Methylnaphthalene	8.975	142	700647	36.656	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	376710	41.380	ng	98
41) Hexachlorocyclopentadiene	9.028	237	144722	40.620	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	237529	39.924	ng	99

03/18/2025

Supervised By :Jagrut Upadhyay

03/18/2025

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
 Data File : BF141973.D
 Acq On : 17 Mar 2025 09:39
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/18/2025

Supervised By :Jagrut Upadhyay 03/18/2025

Quant Time: Mar 17 10:19:23 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Mar 10 15:46:22 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	237390	39.396	ng	99
46) 1,1'-Biphenyl	9.339	154	912665	40.171	ng	99
47) 2-Chloronaphthalene	9.363	162	671630	39.662	ng	99
48) 2-Nitroaniline	9.457	65	185364	37.806	ng	95
49) Acenaphthylene	9.775	152	984935	39.195	ng	100
50) Dimethylphthalate	9.633	163	786521	37.563	ng	100
51) 2,6-Dinitrotoluene	9.698	165	167926	38.518	ng	92
52) Acenaphthene	9.951	154	696340	39.431	ng	99
53) 3-Nitroaniline	9.863	138	167656	37.911	ng	99
54) 2,4-Dinitrophenol	9.969	184	82618	37.186	ng	# 66
55) Dibenzofuran	10.122	168	963748	38.193	ng	98
56) 4-Nitrophenol	10.016	139	131636	39.471	ng	95
57) 2,4-Dinitrotoluene	10.098	165	217299	38.162	ng	97
58) Fluorene	10.463	166	745550	38.313	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	211323	38.540	ng	97
60) Diethylphthalate	10.333	149	765525	36.665	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	390230	38.465	ng	96
62) 4-Nitroaniline	10.475	138	162099	37.650	ng	97
63) Azobenzene	10.616	77	710130	36.583	ng	97
65) 4,6-Dinitro-2-methylph...	10.504	198	117159	40.518	ng	99
66) n-Nitrosodiphenylamine	10.575	169	620160	39.510	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	240812	39.532	ng	98
68) Hexachlorobenzene	11.010	284	268345	40.165	ng	97
69) Atrazine	11.098	200	168874	35.096	ng	98
70) Pentachlorophenol	11.204	266	169814	41.253	ng	99
71) Phenanthrene	11.427	178	1015659	38.767	ng	99
72) Anthracene	11.480	178	1027806	39.103	ng	99
73) Carbazole	11.627	167	859650	37.924	ng	100
74) Di-n-butylphthalate	11.963	149	1117865	37.166	ng	99
75) Fluoranthene	12.616	202	1011634	36.402	ng	99
77) Benzidine	12.733	184	243279	50.584	ng	99
78) Pyrene	12.845	202	1012708	33.963	ng	99
80) Butylbenzylphthalate	13.457	149	409592	35.095	ng	99
81) Benzo(a)anthracene	14.027	228	853973	37.753	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	294213	45.008	ng	99
83) Chrysene	14.068	228	821964	40.087	ng	100
84) Bis(2-ethylhexyl)phtha...	14.015	149	591646	36.767	ng	100
85) Di-n-octyl phthalate	14.627	149	1009297	45.078	ng	99
87) Indeno(1,2,3-cd)pyrene	17.003	276	1141241	43.371	ng	98
88) Benzo(b)fluoranthene	15.080	252	901999	32.354	ng	100
89) Benzo(k)fluoranthene	15.110	252	895733m	37.545	ng	
90) Benzo(a)pyrene	15.451	252	818116	37.504	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	945270	43.539	ng	99
92) Benzo(g,h,i)perylene	17.456	276	963148	44.892	ng	98

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

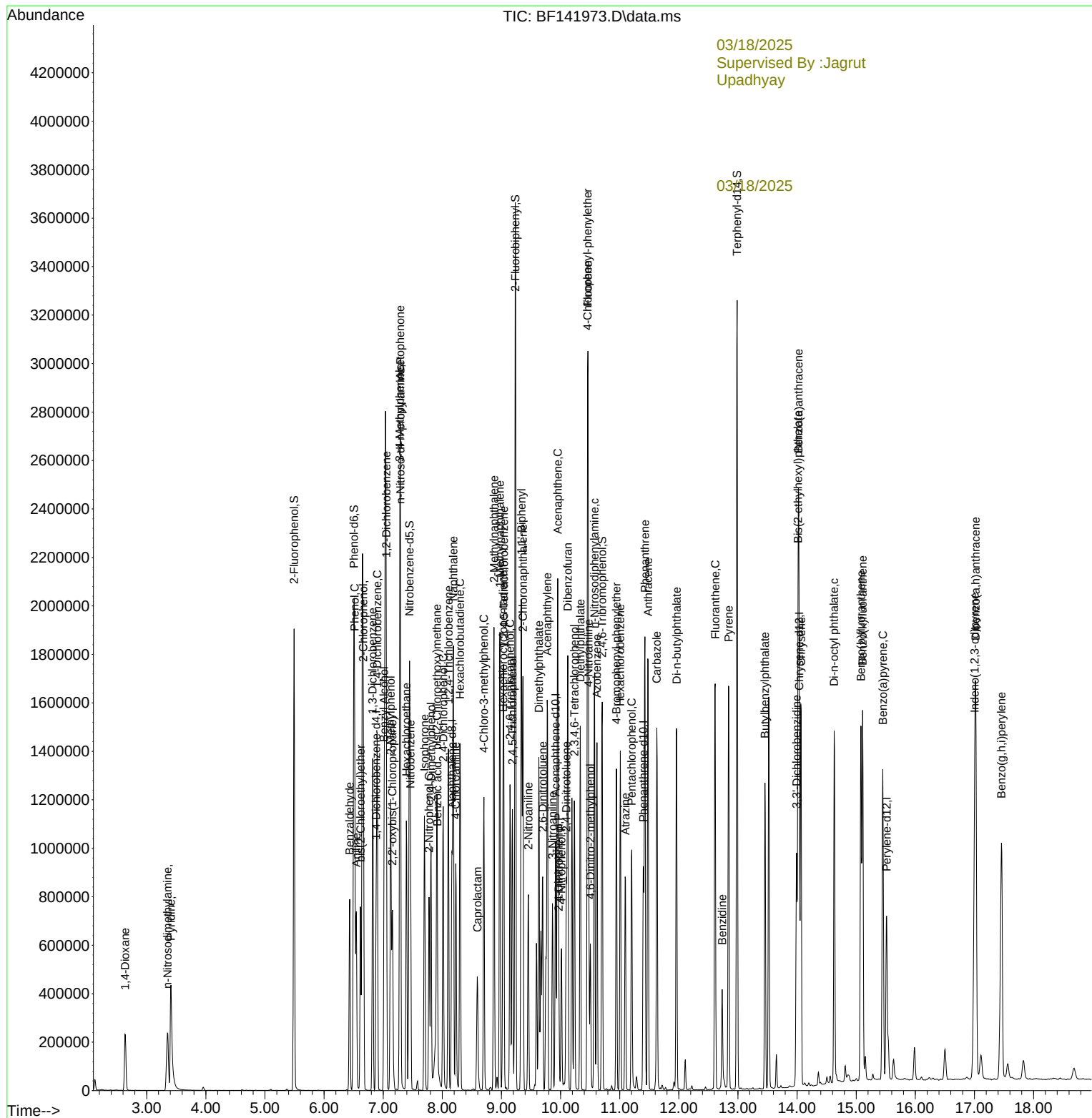
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Data File : BF141973.D
Acq On : 17 Mar 2025 09:39
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

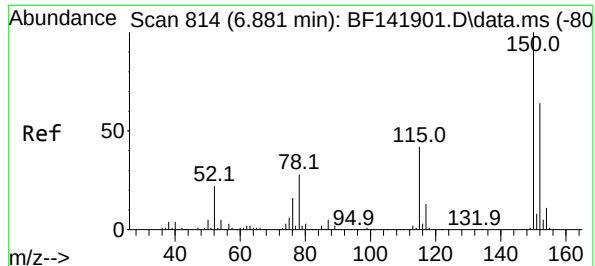
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jaqrut Upadhyay 03/18/2025

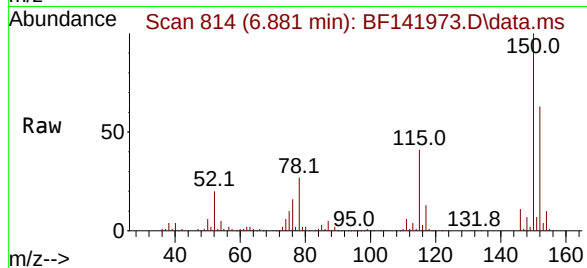
Quant Time: Mar 17 10:19:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF141973.D
Acq: 17 Mar 2025 09:39

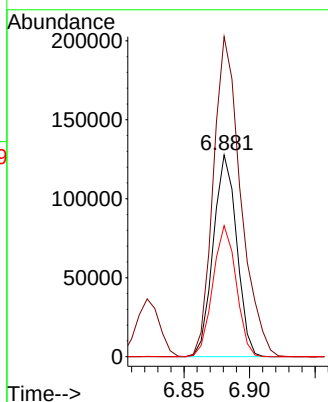
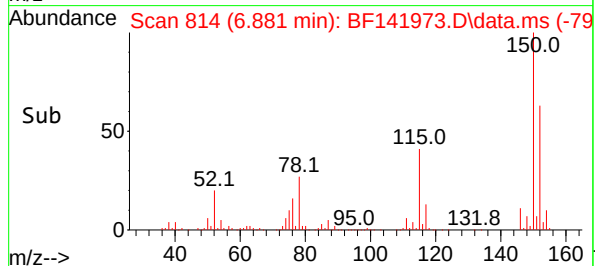
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:152 Resp: 158789
Ion Ratio Lower Upper
152 100
150 158.6 127.4 191.2
115 64.9 51.9 77.9

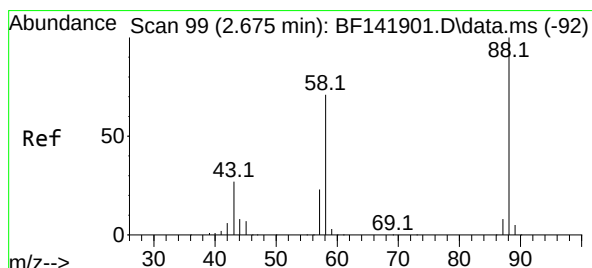
Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



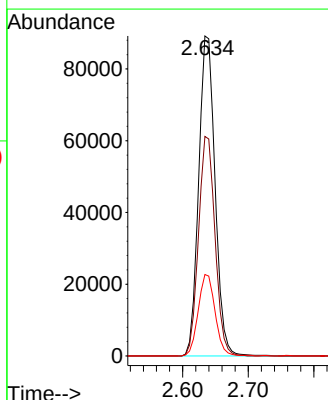
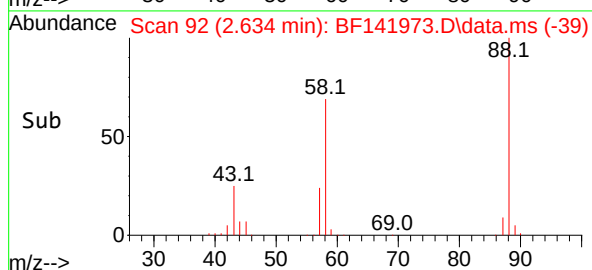
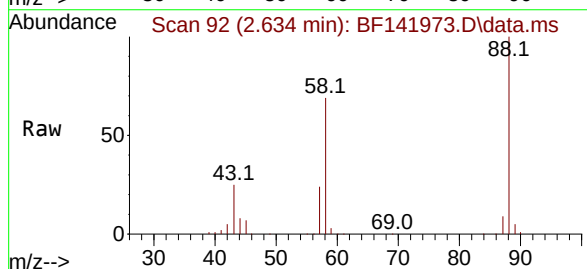
03/18/2025
Supervised By :Jagrut
Upadhyay

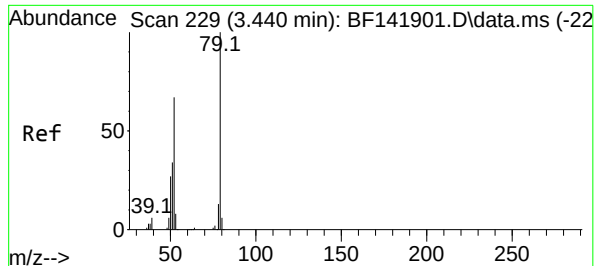
03/18/2025



#2
1,4-Dioxane
Concen: 39.043 ng
RT: 2.634 min Scan# 92
Delta R.T. -0.041 min
Lab File: BF141973.D
Acq: 17 Mar 2025 09:39

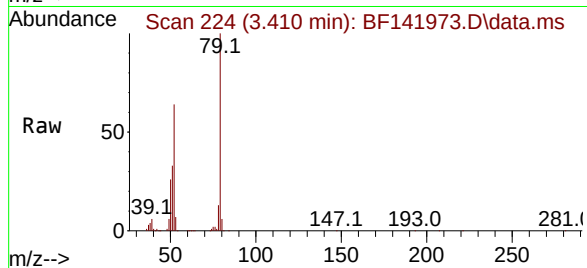
Tgt Ion: 88 Resp: 155645
Ion Ratio Lower Upper
88 100
58 69.0 57.4 86.2
43 26.2 21.5 32.3





#3
Pyridine
Concen: 37.587 ng
RT: 3.410 min Scan# 214
Delta R.T. -0.029 min
Lab File: BF141973.D
Acq: 17 Mar 2025 09:39

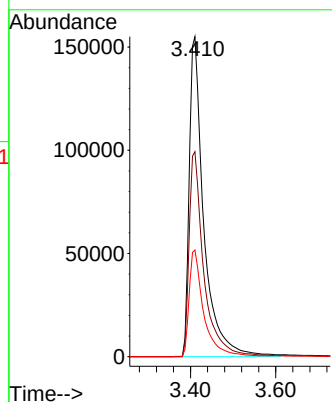
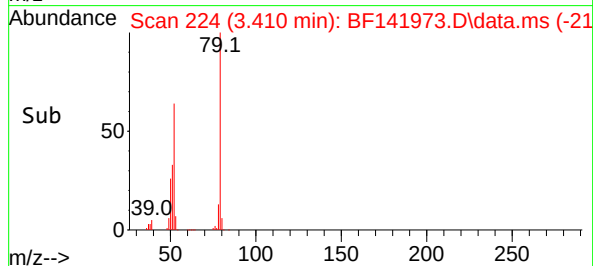
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 79 Resp: 367552
Ion Ratio Lower Upper
79 100
52 64.1 53.3 79.9
51 33.4 27.6 41.4

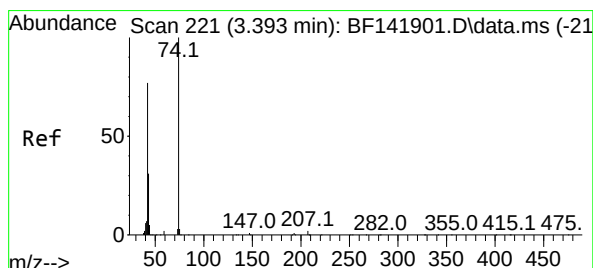
Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



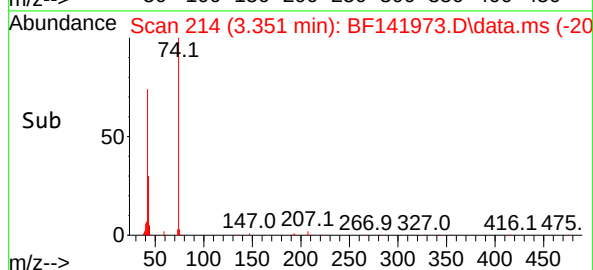
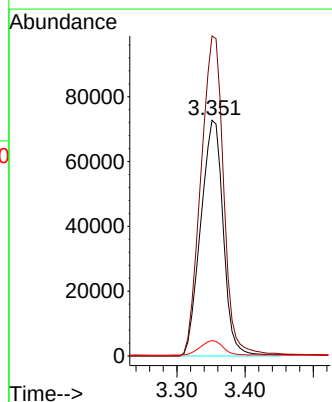
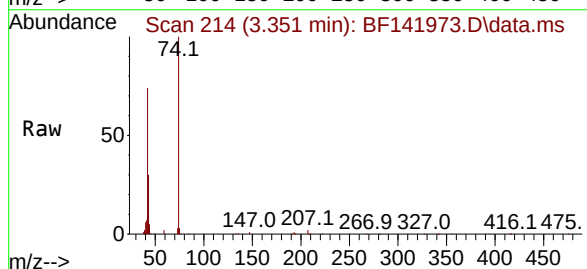
03/18/2025
Supervised By :Jagrut
Upadhyay

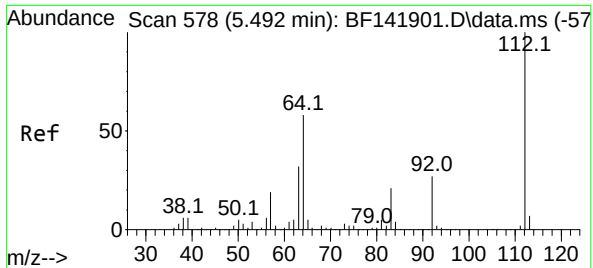
03/18/2025



#4
n-Nitrosodimethylamine
Concen: 35.785 ng
RT: 3.351 min Scan# 214
Delta R.T. -0.041 min
Lab File: BF141973.D
Acq: 17 Mar 2025 09:39

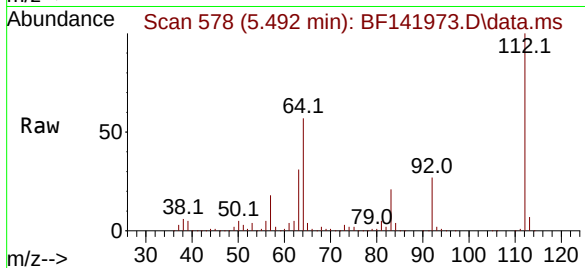
Tgt Ion: 42 Resp: 166807
Ion Ratio Lower Upper
42 100
74 135.8 103.4 155.0
44 6.5 5.0 7.4





#5
2-Fluorophenol
Concen: 76.309 ng
RT: 5.492 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF141973.D
Acq: 17 Mar 2025 09:39

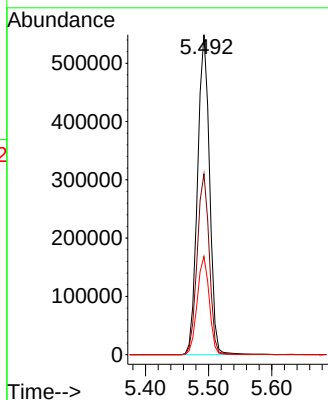
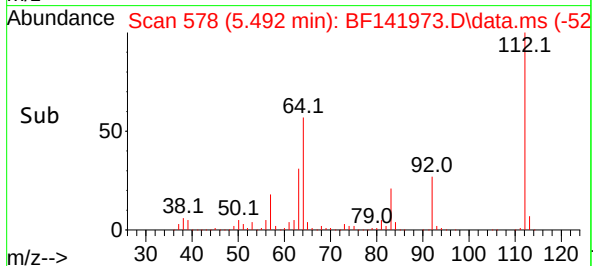
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:112 Resp: 726019
Ion Ratio Lower Upper
112 100
64 56.5 46.5 69.7
63 30.7 25.4 38.2

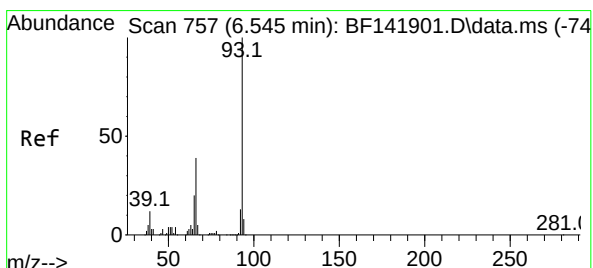
Manual Integrations
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Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025

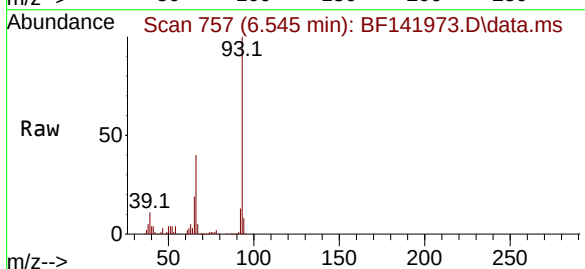


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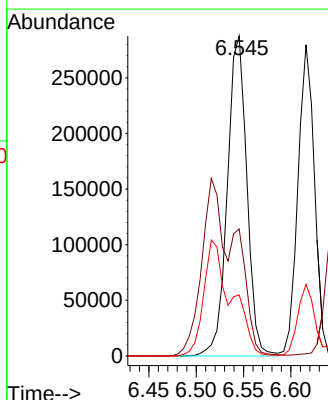
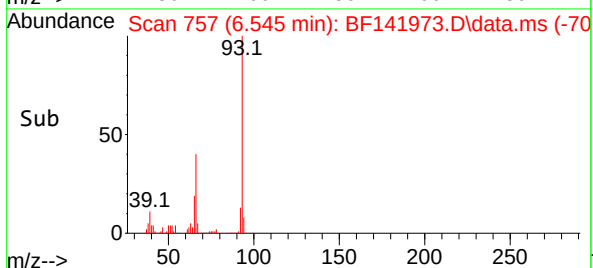
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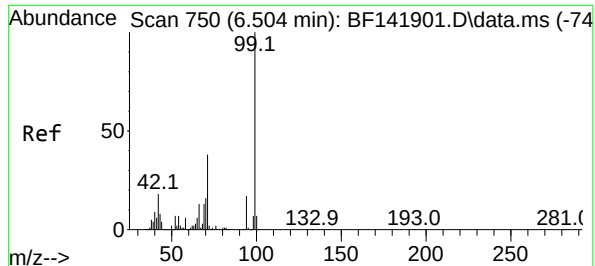


#6
Aniline
Concen: 34.585 ng
RT: 6.545 min Scan# 757
Delta R.T. 0.000 min
Lab File: BF141973.D
Acq: 17 Mar 2025 09:39



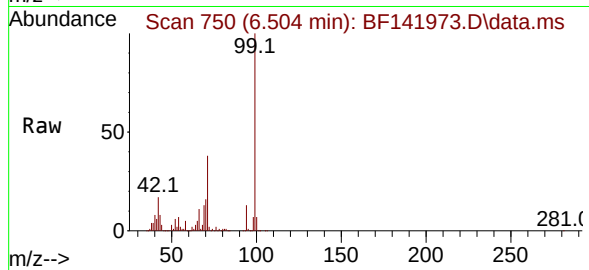
Tgt Ion: 93 Resp: 413293
Ion Ratio Lower Upper
93 100
66 39.7 31.9 47.9
65 19.1 15.8 23.6





#7
Phenol-d6
Concen: 73.148 ng
RT: 6.504 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF141973.D
Acq: 17 Mar 2025 09:39

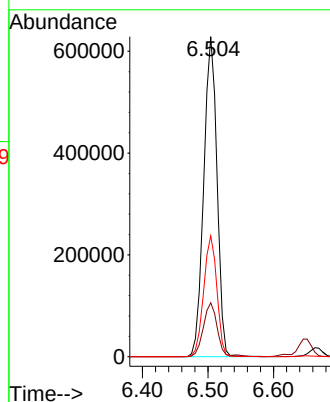
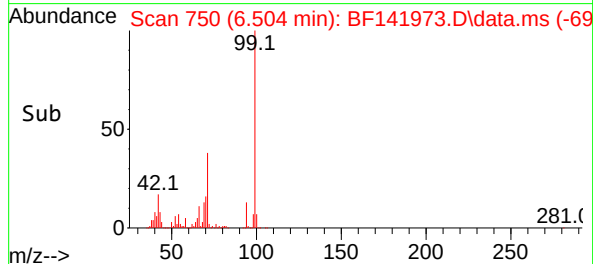
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 99 Resp: 886092
Ion Ratio Lower Upper
99 100
42 16.9 14.6 21.8
71 37.8 30.8 46.2

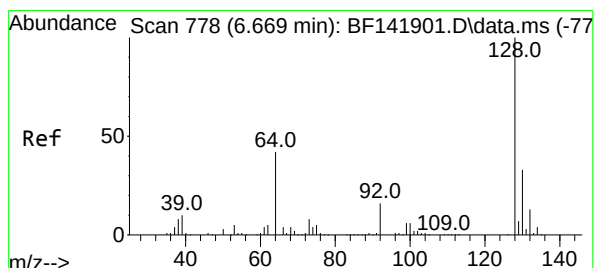
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Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025

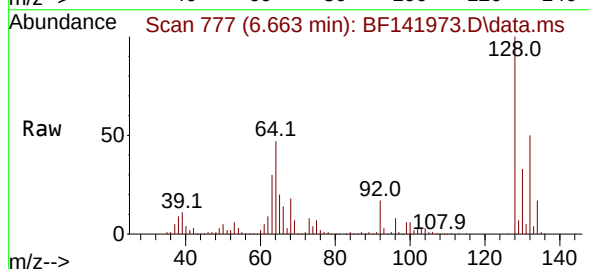


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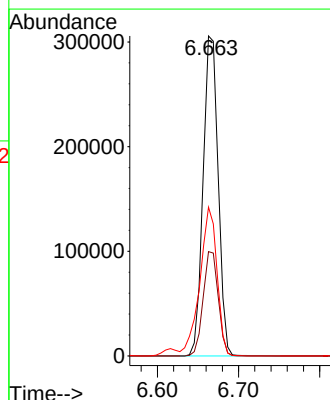
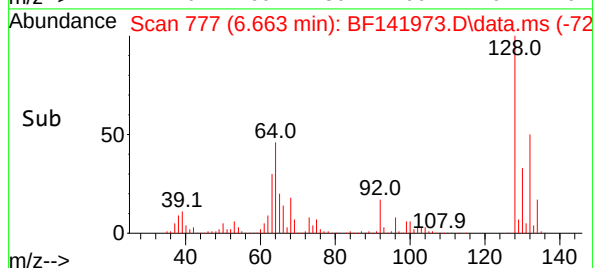
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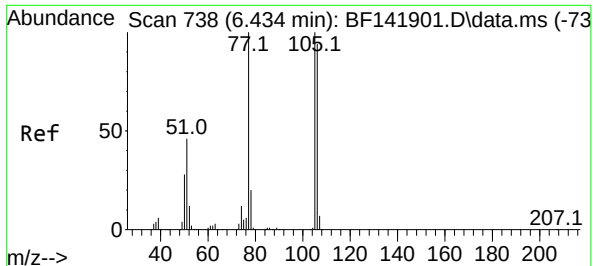


#8
2-Chlorophenol
Concen: 37.323 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.006 min
Lab File: BF141973.D
Acq: 17 Mar 2025 09:39



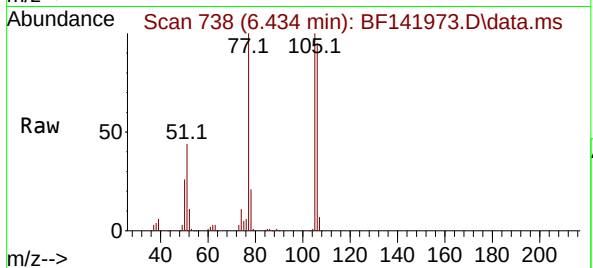
Tgt Ion:128 Resp: 393828
Ion Ratio Lower Upper
128 100
130 32.6 12.8 52.8
64 46.5 24.4 64.4





#9
Benzaldehyde
Concen: 32.738 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF141973.D
Acq: 17 Mar 2025 09:39

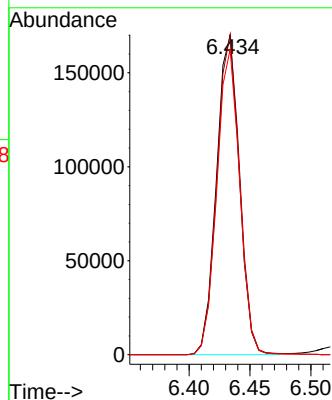
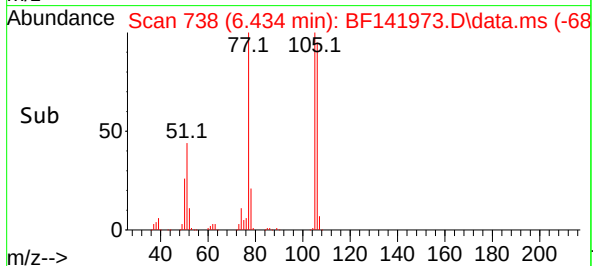
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 77 Resp: 221800
Ion Ratio Lower Upper
77 100
105 100.3 80.0 120.0
106 95.7 74.5 114.5

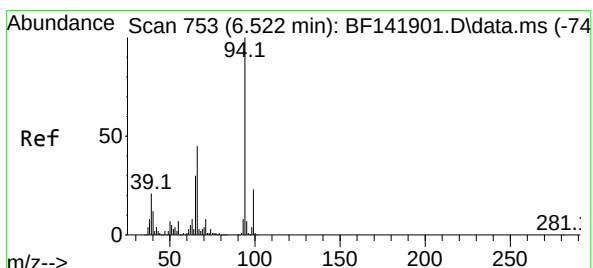
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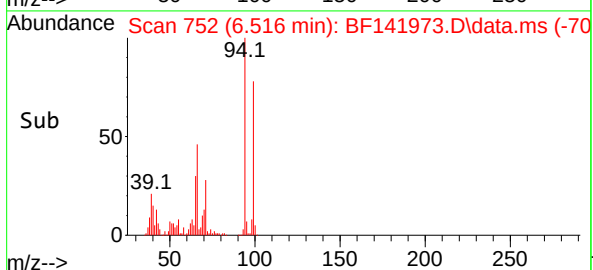
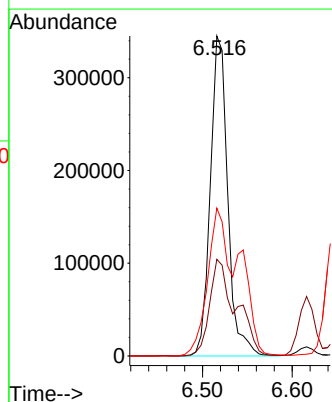
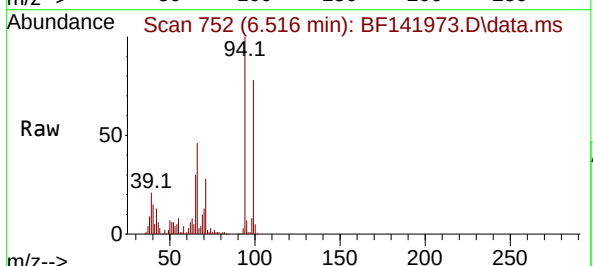
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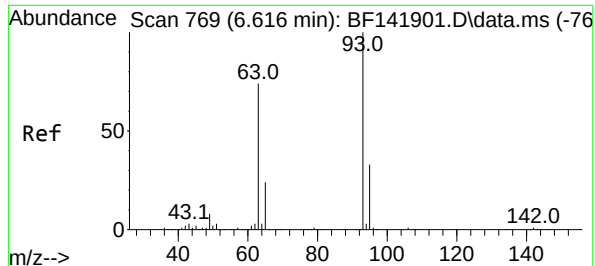
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#10
Phenol
Concen: 36.514 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF141973.D
Acq: 17 Mar 2025 09:39

Tgt Ion: 94 Resp: 465329
Ion Ratio Lower Upper
94 100
65 30.2 10.5 50.5
66 46.2 25.8 65.8





#11

bis(2-Chloroethyl)ether

Concen: 35.575 ng

RT: 6.616 min Scan# 769

Delta R.T. 0.000 min

Lab File: BF141973.D

Acq: 17 Mar 2025 09:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 93 Resp: 340429

Ion Ratio Lower Upper

93 100

63 72.5 53.0 93.0

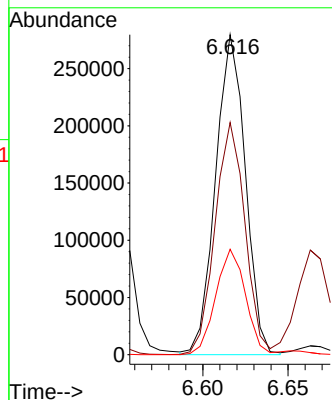
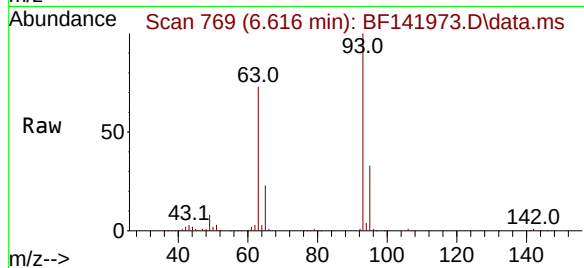
95 33.0 12.9 52.9

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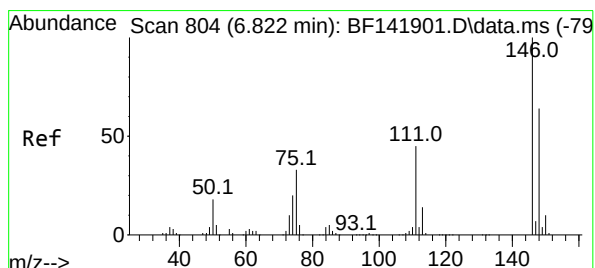
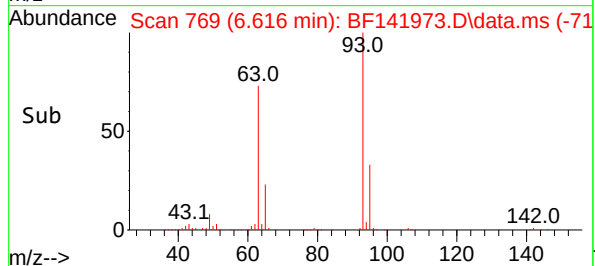
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#12

1,3-Dichlorobenzene

Concen: 37.789 ng

RT: 6.822 min Scan# 804

Delta R.T. 0.000 min

Lab File: BF141973.D

Acq: 17 Mar 2025 09:39

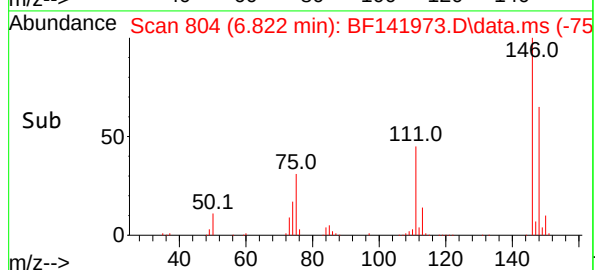
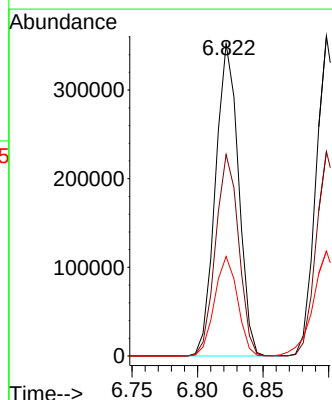
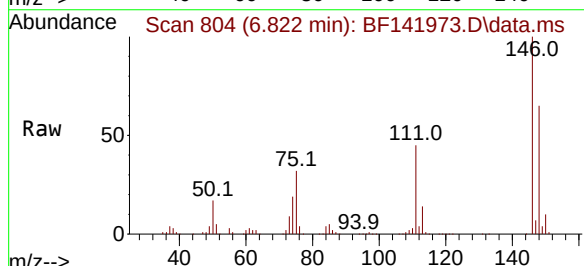
Tgt Ion:146 Resp: 430495

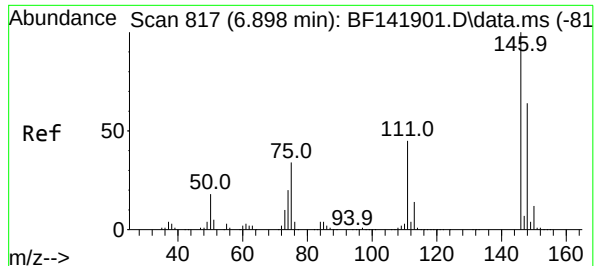
Ion Ratio Lower Upper

146 100

148 64.5 51.3 76.9

75 31.9 26.6 40.0





#13

1,4-Dichlorobenzene

Concen: 38.067 ng

RT: 6.898 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF141973.D

Acq: 17 Mar 2025 09:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 438768

Ion Ratio Lower Upper

146 100

148 63.9 51.0 76.6

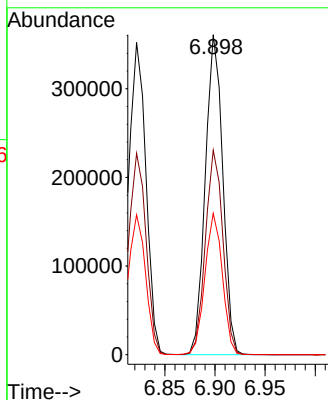
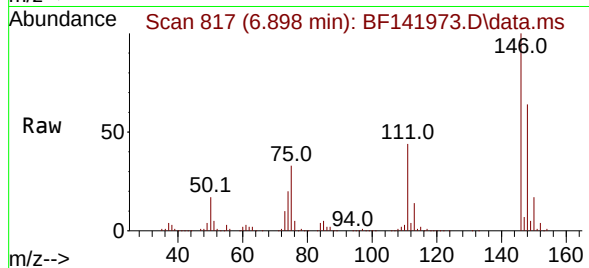
111 44.1 35.7 53.5

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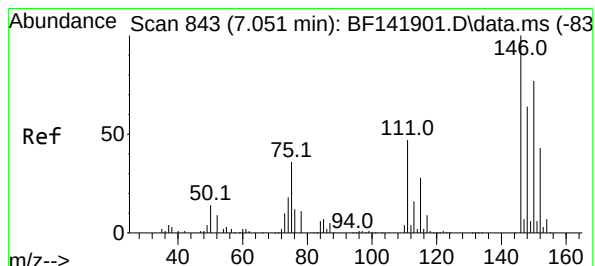
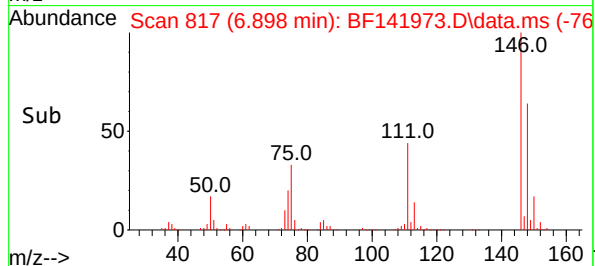
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#14

1,2-Dichlorobenzene

Concen: 38.087 ng

RT: 7.051 min Scan# 843

Delta R.T. 0.000 min

Lab File: BF141973.D

Acq: 17 Mar 2025 09:39

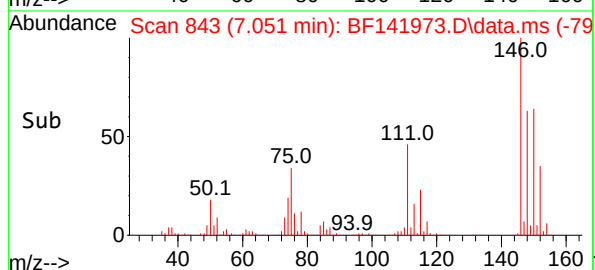
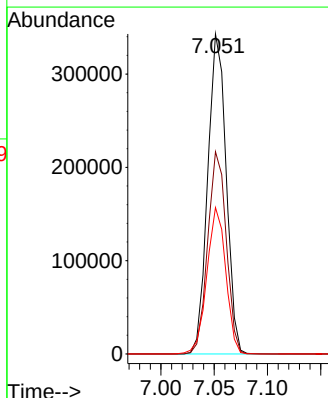
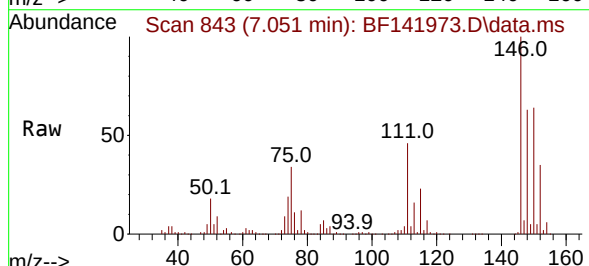
Tgt Ion:146 Resp: 413499

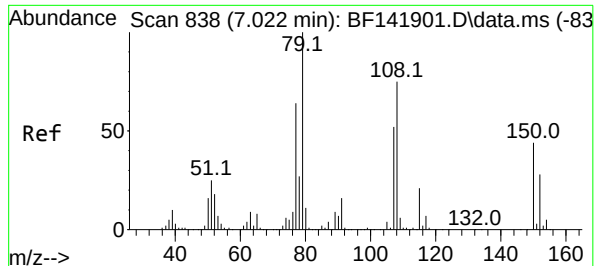
Ion Ratio Lower Upper

146 100

148 63.2 50.8 76.2

111 45.8 38.0 57.0





#15

Benzyl Alcohol

Concen: 35.752 ng

RT: 7.016 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF141973.D

Acq: 17 Mar 2025 09:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 35013

Ion Ratio Lower Upper

79 100

108 73.2 59.7 89.5

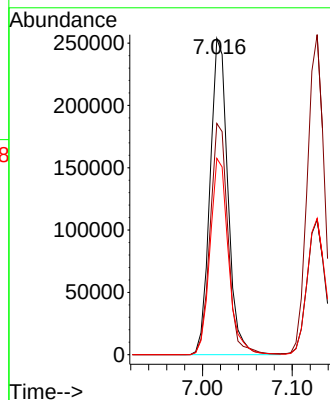
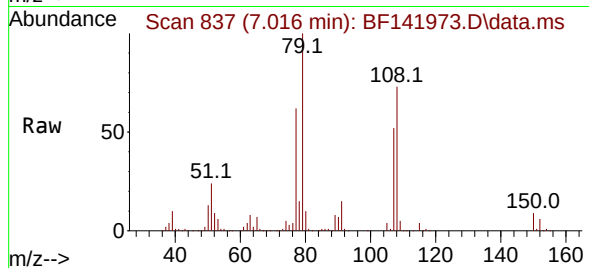
77 62.1 51.0 76.6

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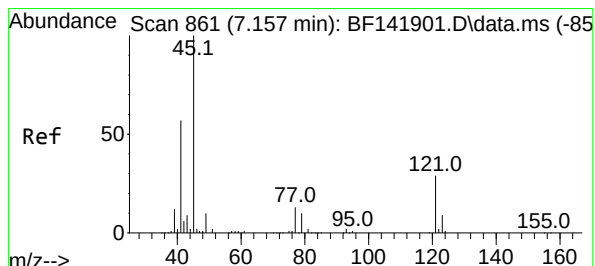
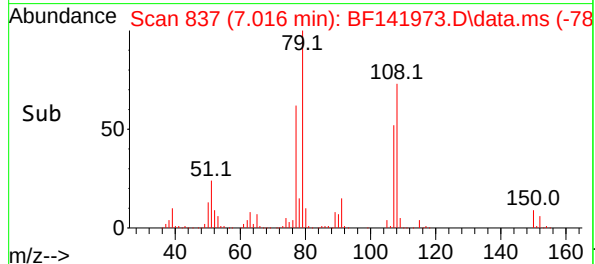
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.809 ng

RT: 7.157 min Scan# 861

Delta R.T. 0.000 min

Lab File: BF141973.D

Acq: 17 Mar 2025 09:39

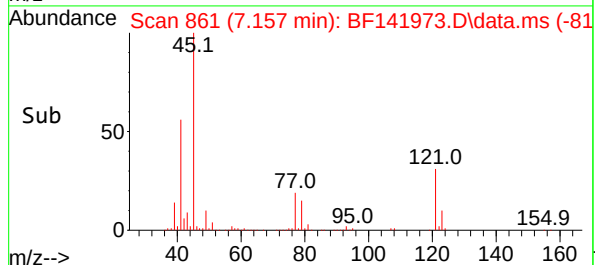
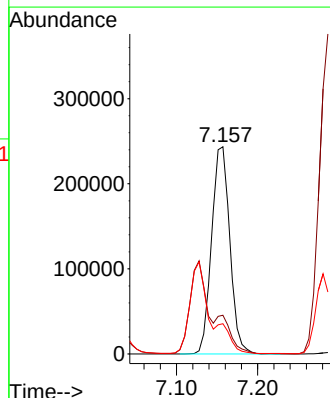
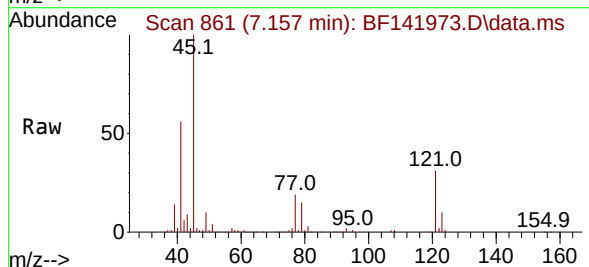
Tgt Ion: 45 Resp: 379037

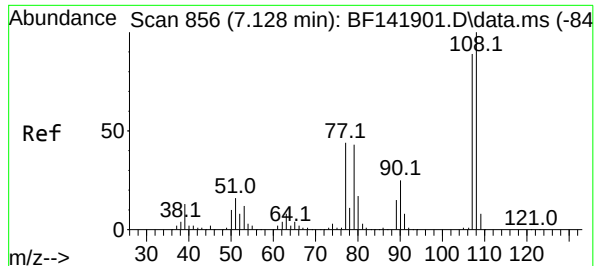
Ion Ratio Lower Upper

45 100

77 18.7 0.0 37.8

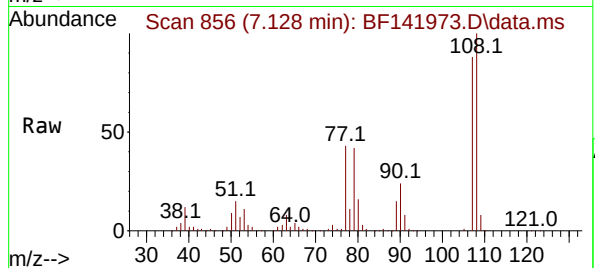
79 14.6 0.0 34.2





#17
2-Methylphenol
Concen: 35.168 ng
RT: 7.128 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF141973.D
Acq: 17 Mar 2025 09:39

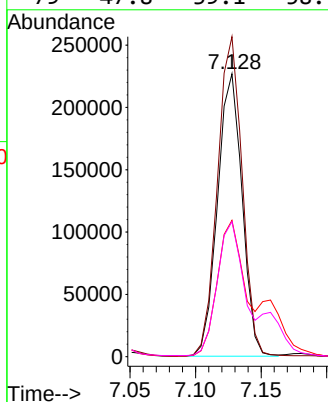
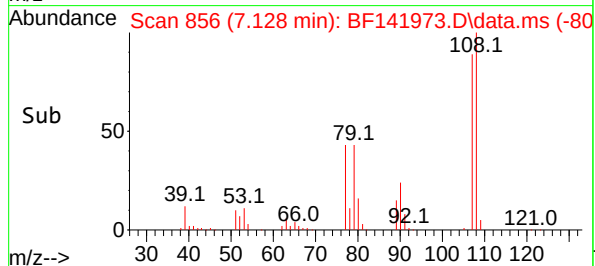
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:107 Resp: 29505
Ion Ratio Lower Upper
107 100
108 113.1 90.2 135.2
77 48.2 39.6 59.4
79 47.8 39.1 58.7

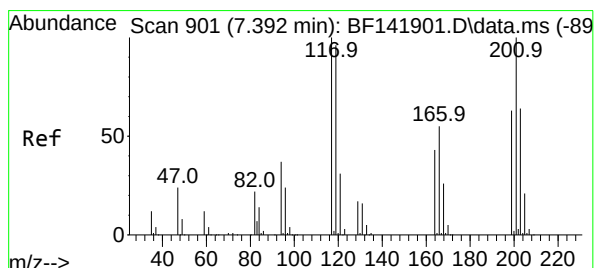
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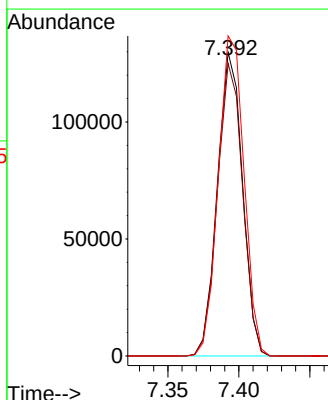
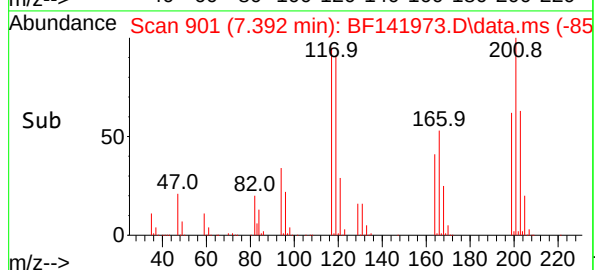
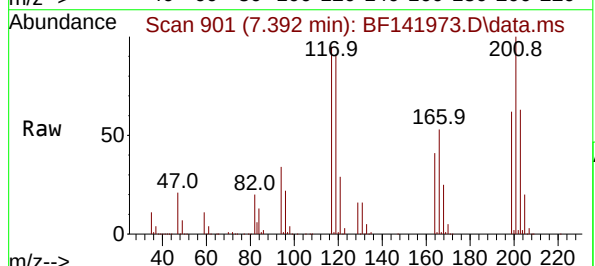
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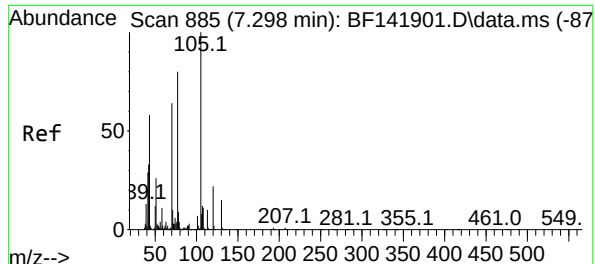
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#18
Hexachloroethane
Concen: 36.918 ng
RT: 7.392 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF141973.D
Acq: 17 Mar 2025 09:39

Tgt Ion:117 Resp: 159570
Ion Ratio Lower Upper
117 100
119 96.4 76.9 115.3
201 105.5 79.9 119.9





#19

n-Nitroso-di-n-propylamine

Concen: 32.376 ng

RT: 7.292 min Scan# 884

Delta R.T. -0.006 min

Lab File: BF141973.D

Acq: 17 Mar 2025 09:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 252004

Ion Ratio Lower Upper

70 100

42 50.0 41.4 62.0

101 10.2 8.2 12.2

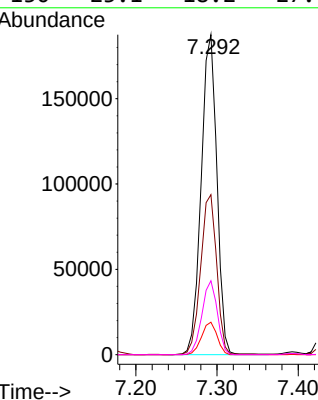
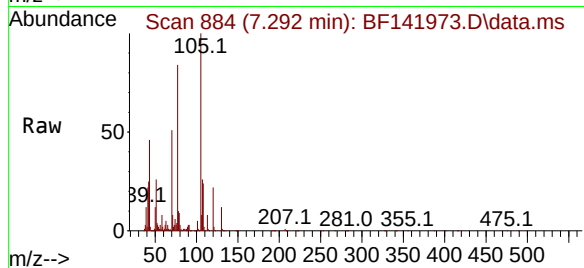
130 23.1 18.2 27.4

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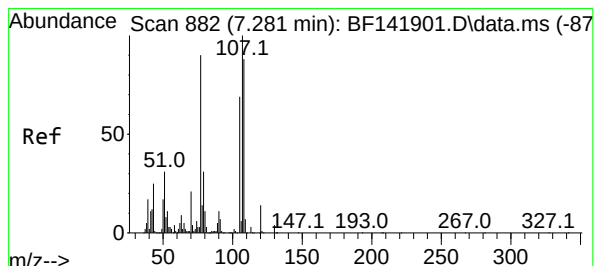
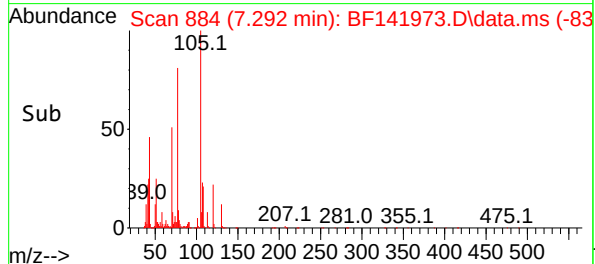
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#20

3+4-Methylphenols

Concen: 34.985 ng

RT: 7.281 min Scan# 882

Delta R.T. 0.000 min

Lab File: BF141973.D

Acq: 17 Mar 2025 09:39

Tgt Ion:107 Resp: 375963

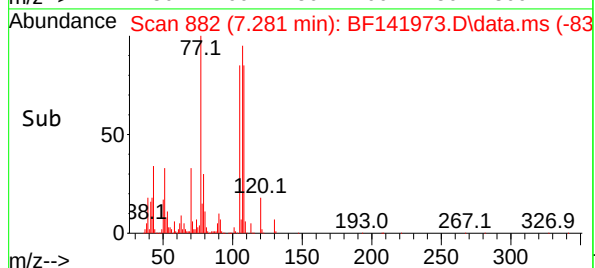
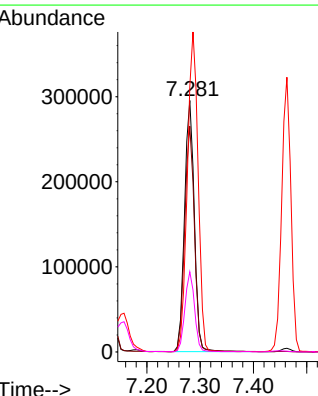
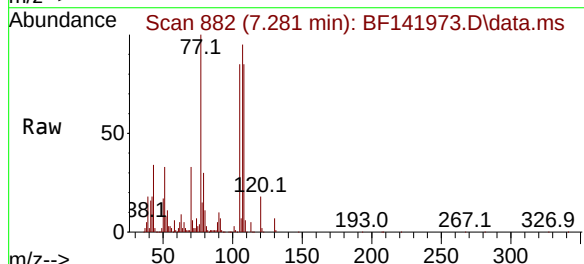
Ion Ratio Lower Upper

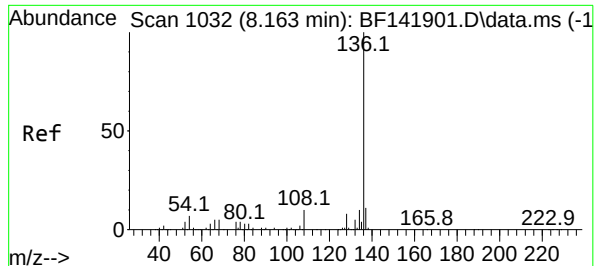
107 100

108 89.8 68.4 108.4

77 105.4 69.7 109.7

79 31.9 11.4 51.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1032

Delta R.T. -0.000 min

Lab File: BF141973.D

Acq: 17 Mar 2025 09:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 57688

Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 6.6 5.8 8.8

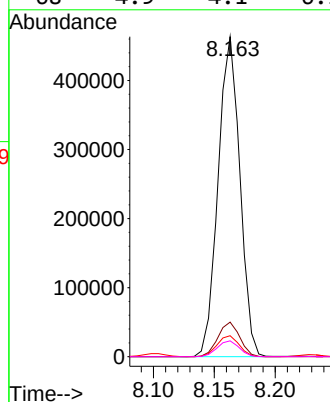
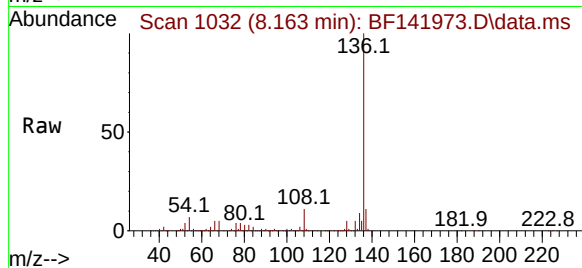
68 4.9 4.1 6.1

Manual Integrations

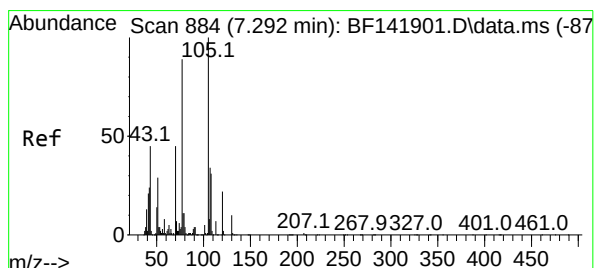
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Upadhyay

03/18/2025



#22

Acetophenone

Concen: 37.809 ng

RT: 7.286 min Scan# 883

Delta R.T. -0.006 min

Lab File: BF141973.D

Acq: 17 Mar 2025 09:39

Tgt Ion:105 Resp: 522341

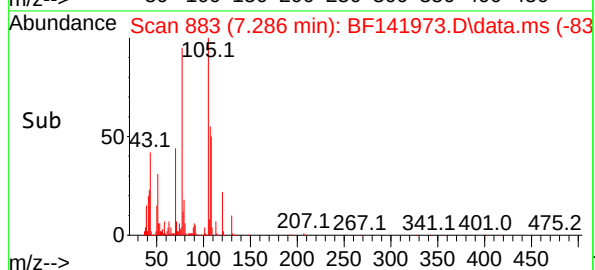
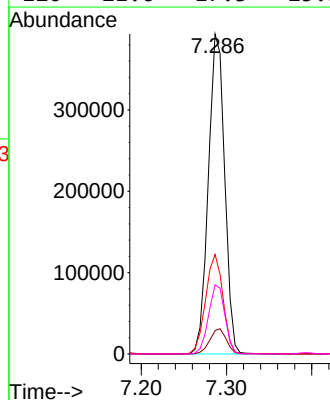
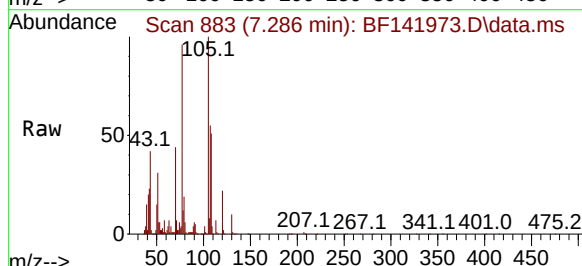
Ion Ratio Lower Upper

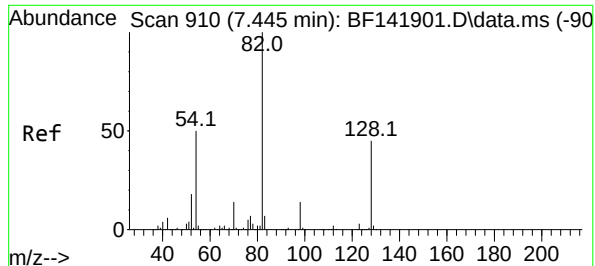
105 100

71 7.3 5.8 8.8

51 31.1 23.4 35.0

120 21.6 17.3 25.9





#23

Nitrobenzene-d5

Concen: 77.089 ng

RT: 7.445 min Scan# 910

Delta R.T. 0.000 min

Lab File: BF141973.D

Acq: 17 Mar 2025 09:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 79024

Ion Ratio Lower Upper

82 100

128 46.3 36.0 54.0

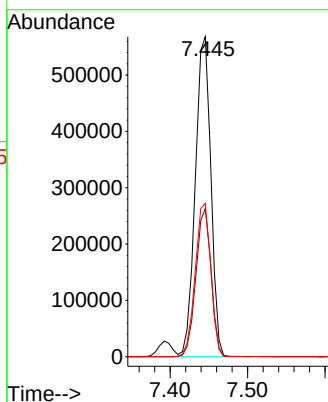
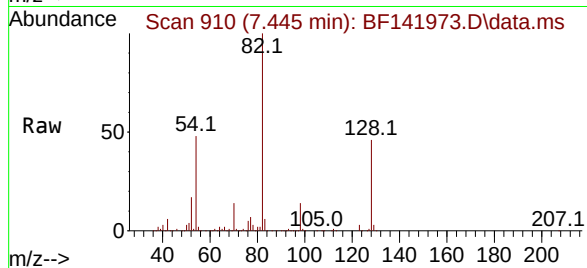
54 47.9 39.6 59.4

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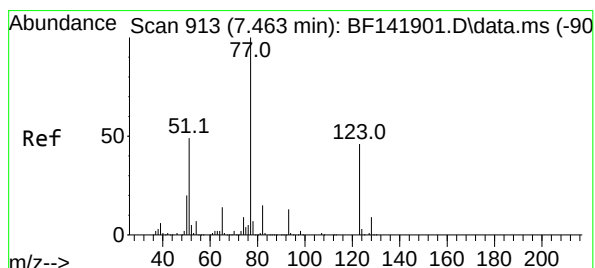
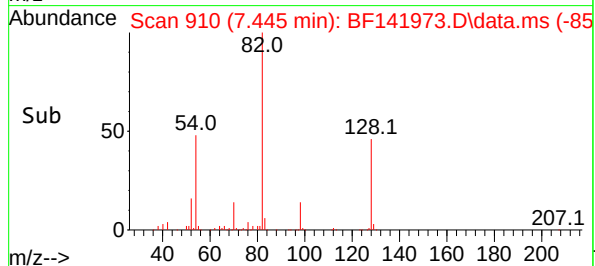
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#24

Nitrobenzene

Concen: 38.121 ng

RT: 7.463 min Scan# 913

Delta R.T. 0.000 min

Lab File: BF141973.D

Acq: 17 Mar 2025 09:39

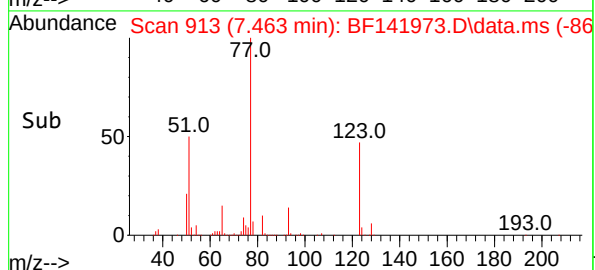
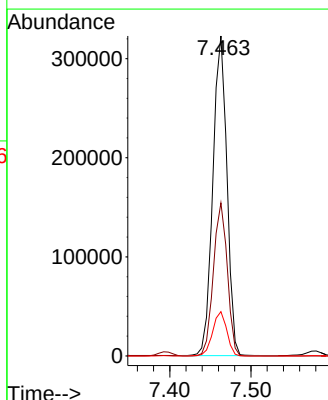
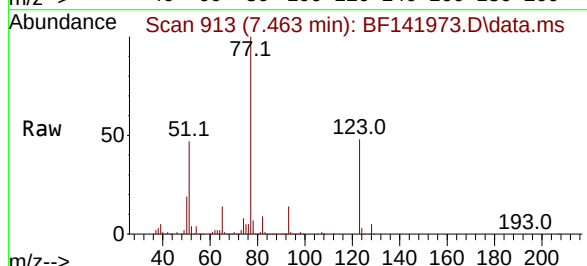
Tgt Ion: 77 Resp: 388485

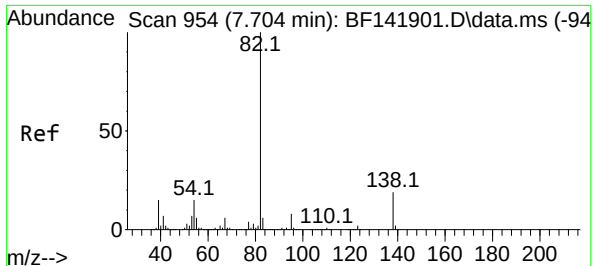
Ion Ratio Lower Upper

77 100

123 47.9 37.0 55.4

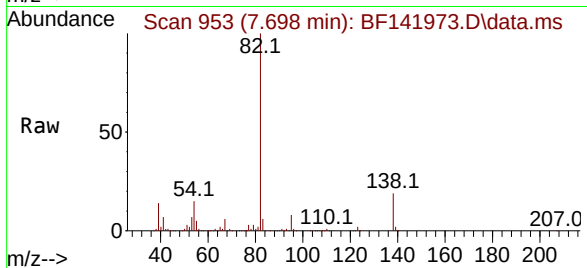
65 13.9 11.3 16.9





#25
Isophorone
Concen: 35.337 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141973.D
Acq: 17 Mar 2025 09:39

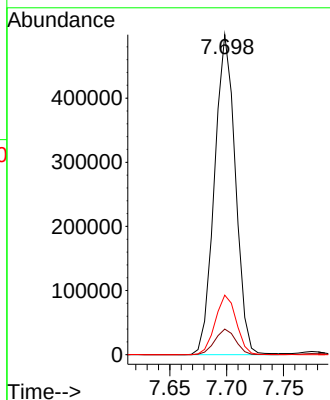
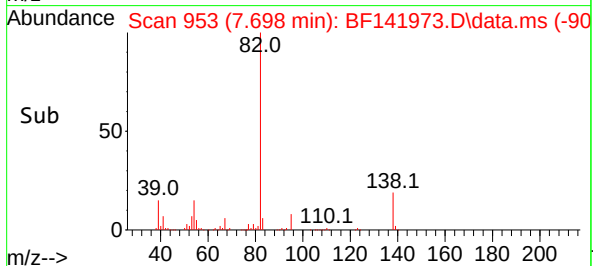
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 82 Resp: 64032
Ion Ratio Lower Upper
82 100
95 8.0 6.4 9.6
138 18.6 14.9 22.3

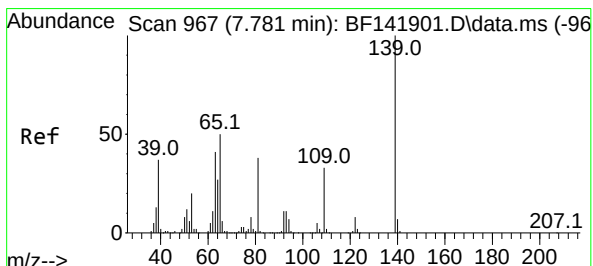
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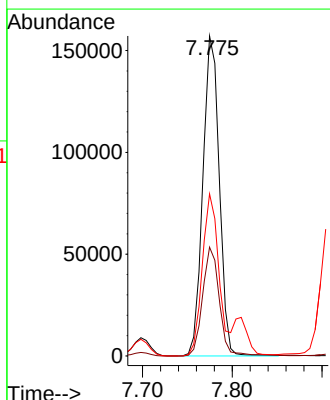
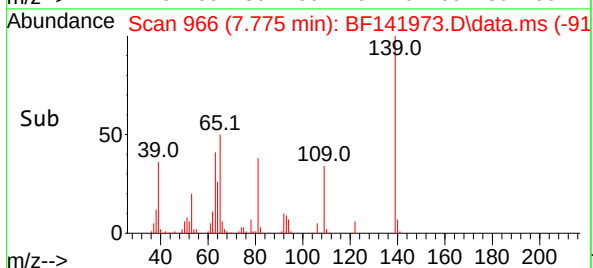
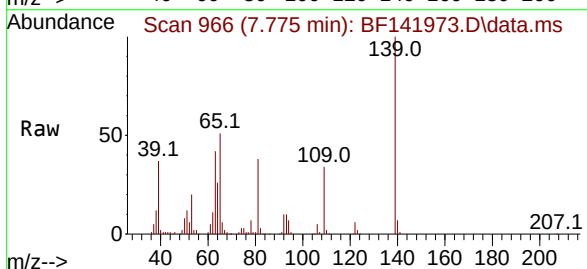
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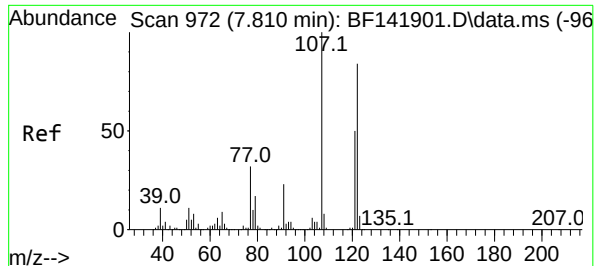
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#26
2-Nitrophenol
Concen: 39.909 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.006 min
Lab File: BF141973.D
Acq: 17 Mar 2025 09:39

Tgt Ion:139 Resp: 199613
Ion Ratio Lower Upper
139 100
109 34.0 26.5 39.7
65 50.7 40.3 60.5





#27

2,4-Dimethylphenol

Concen: 36.692 ng

RT: 7.810 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF141973.D

Acq: 17 Mar 2025 09:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:122 Resp: 25270

Ion Ratio Lower Upper

122 100

107 118.3 94.8 142.2

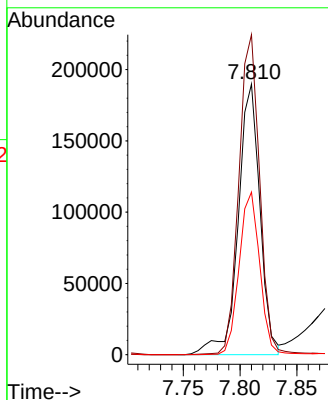
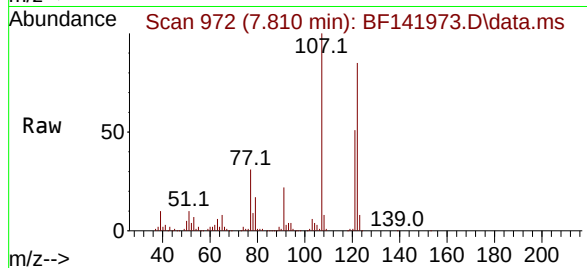
121 60.1 47.8 71.6

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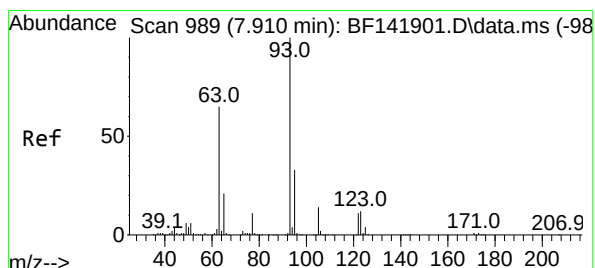
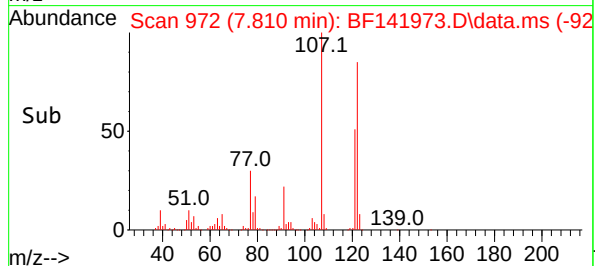
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#28

bis(2-Chloroethoxy)methane

Concen: 35.757 ng

RT: 7.910 min Scan# 989

Delta R.T. 0.000 min

Lab File: BF141973.D

Acq: 17 Mar 2025 09:39

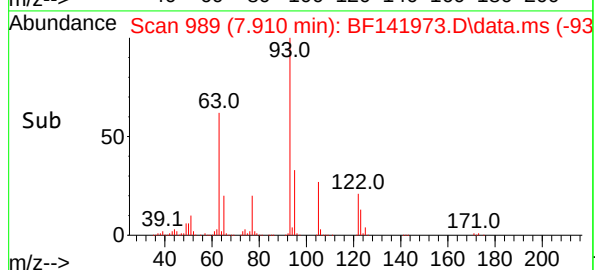
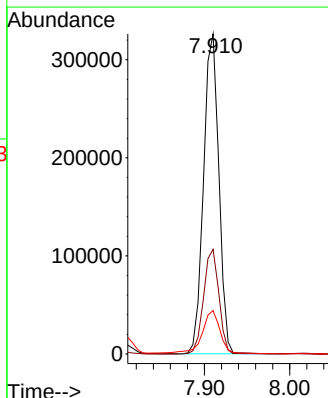
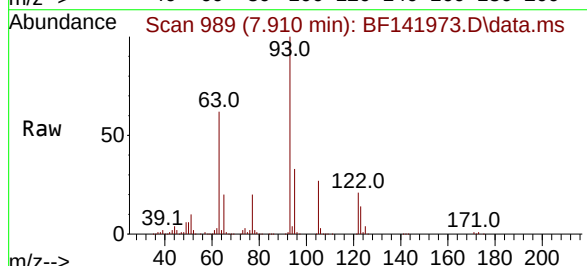
Tgt Ion: 93 Resp: 406390

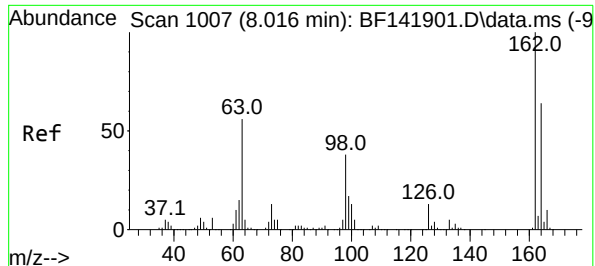
Ion Ratio Lower Upper

93 100

95 32.7 26.6 40.0

123 13.5 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 37.924 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF141973.D

Acq: 17 Mar 2025 09:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 324190

Ion Ratio Lower Upper

162 100

164 64.4 43.8 83.8

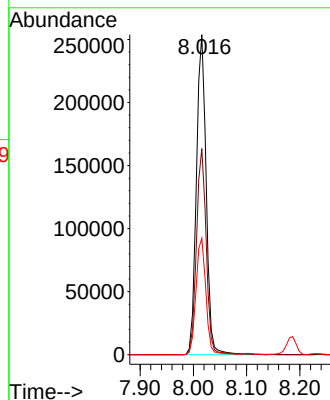
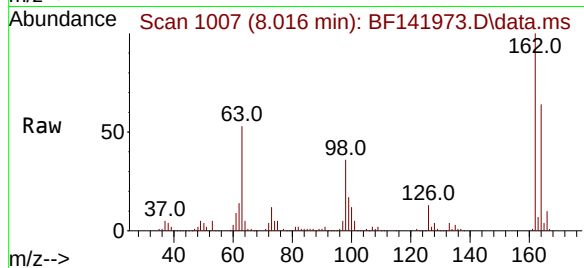
98 36.4 18.1 58.1

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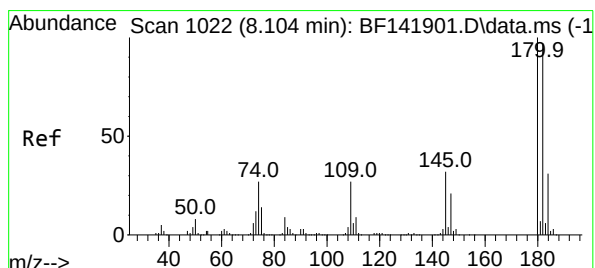
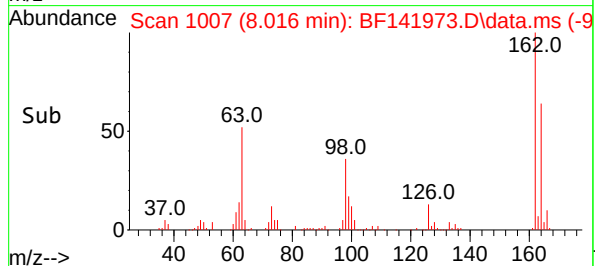
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#30

1,2,4-Trichlorobenzene

Concen: 39.102 ng

RT: 8.104 min Scan# 1022

Delta R.T. 0.000 min

Lab File: BF141973.D

Acq: 17 Mar 2025 09:39

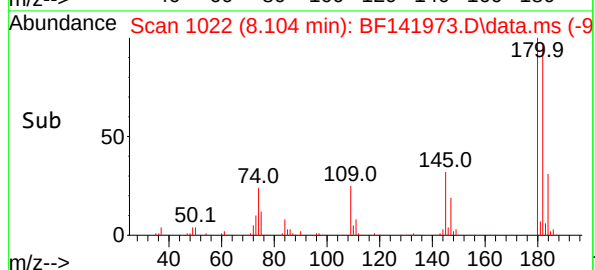
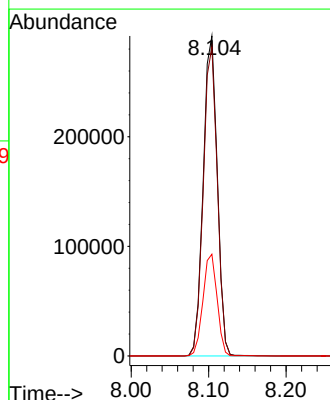
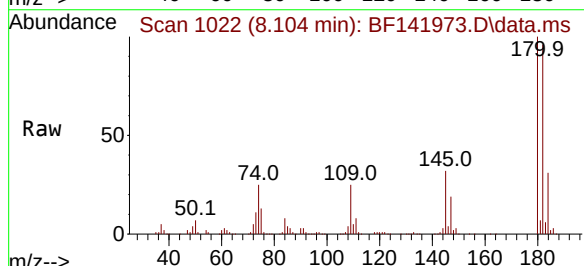
Tgt Ion:180 Resp: 368364

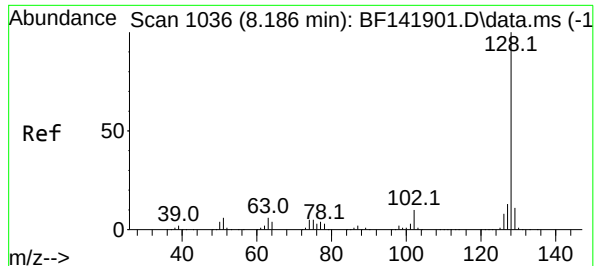
Ion Ratio Lower Upper

180 100

182 96.5 77.5 116.3

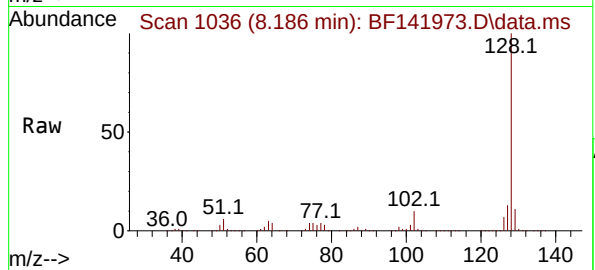
145 31.8 25.8 38.6





#31
Naphthalene
Concen: 38.432 ng
RT: 8.186 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BF141973.D
Acq: 17 Mar 2025 09:39

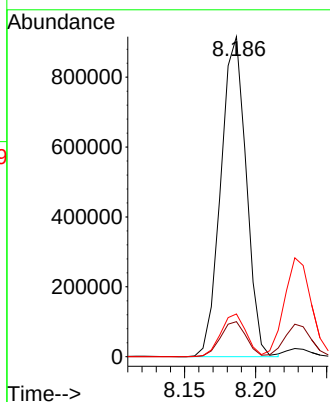
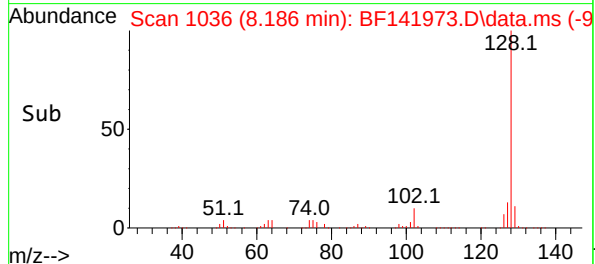
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:128 Resp: 1138890
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.3 10.8 16.2

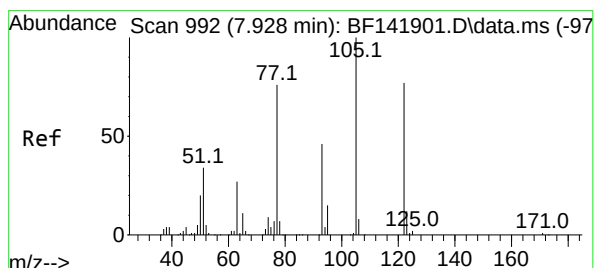
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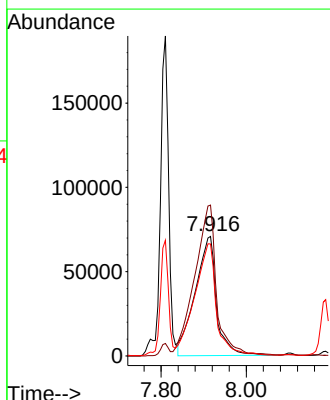
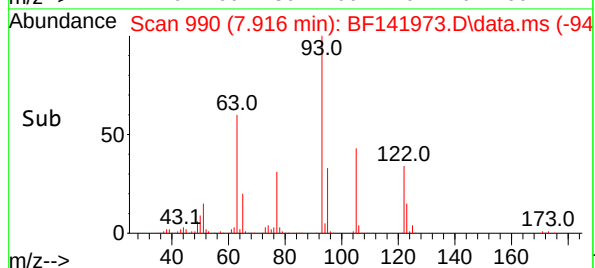
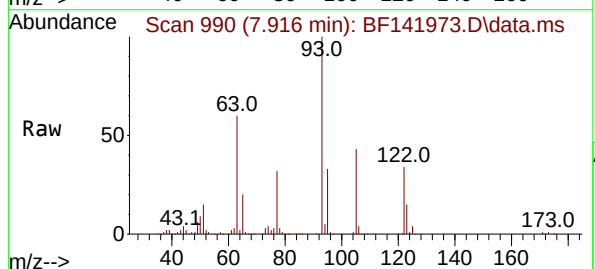
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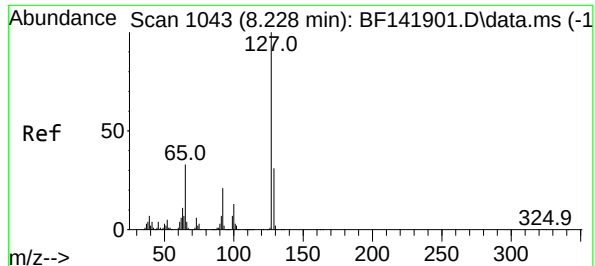
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#32
Benzoic acid
Concen: 40.672 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.012 min
Lab File: BF141973.D
Acq: 17 Mar 2025 09:39

Tgt Ion:122 Resp: 246229
Ion Ratio Lower Upper
122 100
105 126.2 107.9 147.9
77 93.7 79.0 119.0





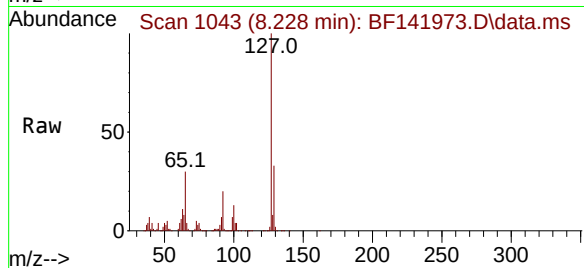
#33
4-Chloroaniline
Concen: 36.225 ng
RT: 8.228 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF141973.D
Acq: 17 Mar 2025 09:39

Instrument :

BNA_F

ClientSampleId :

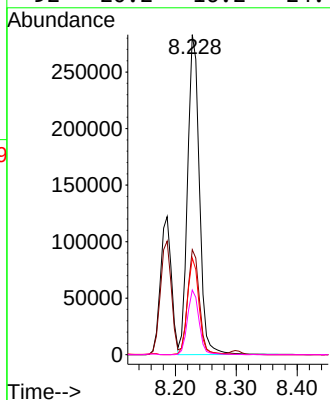
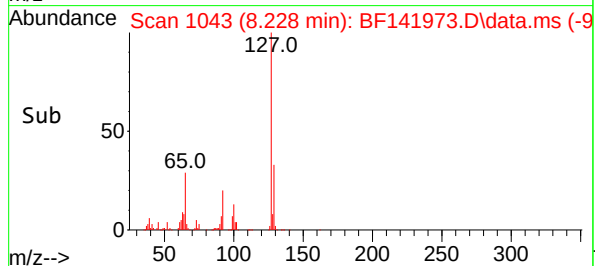
SSTDCCC040



Tgt Ion:127 Resp: 378960
Ion Ratio Lower Upper
127 100
129 32.8 26.2 39.4
65 30.2 25.4 38.2
92 20.2 16.2 24.4

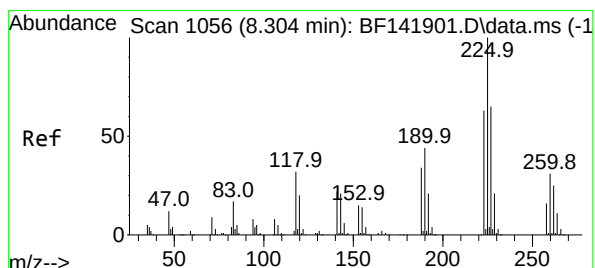
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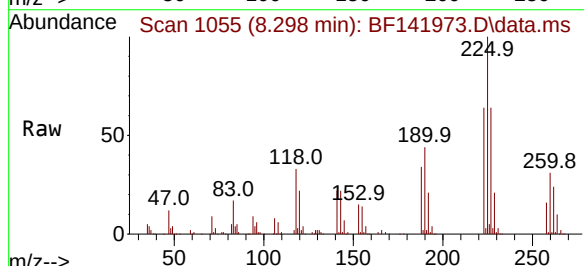


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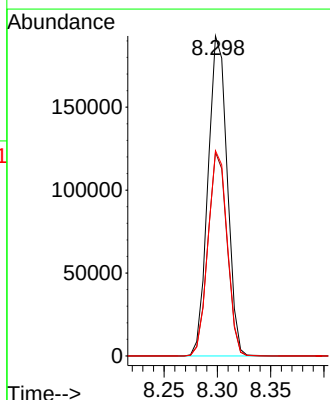
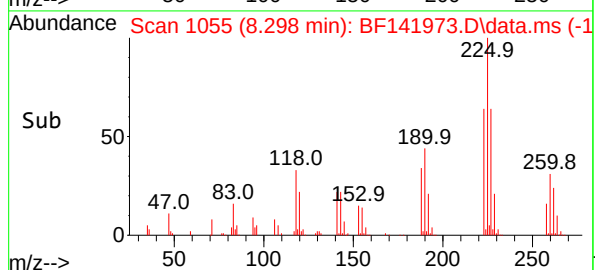
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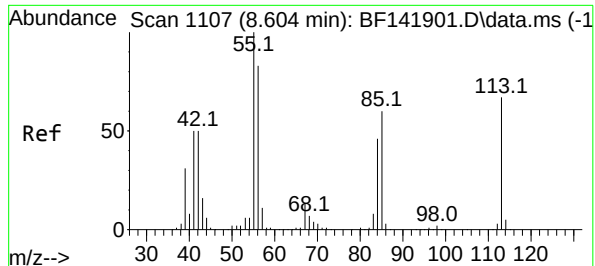


#34
Hexachlorobutadiene
Concen: 39.224 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.006 min
Lab File: BF141973.D
Acq: 17 Mar 2025 09:39



Tgt Ion:225 Resp: 240979
Ion Ratio Lower Upper
225 100
223 63.6 50.6 75.8
227 64.2 52.2 78.2





#35

Caprolactam

Concen: 33.803 ng

RT: 8.592 min Scan# 1105

Delta R.T. -0.012 min

Lab File: BF141973.D

Acq: 17 Mar 2025 09:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:113 Resp: 8809

Ion Ratio Lower Upper

113 100

55 146.7 129.6 169.6

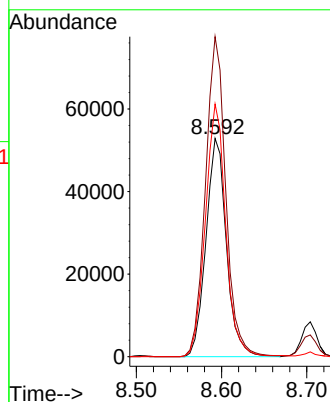
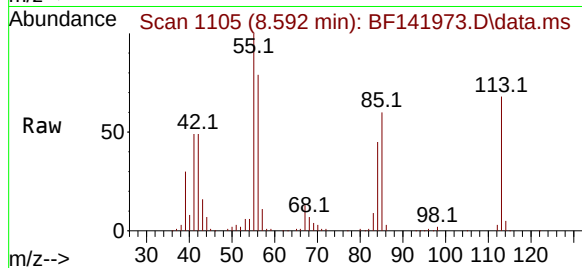
56 115.8 104.0 144.0

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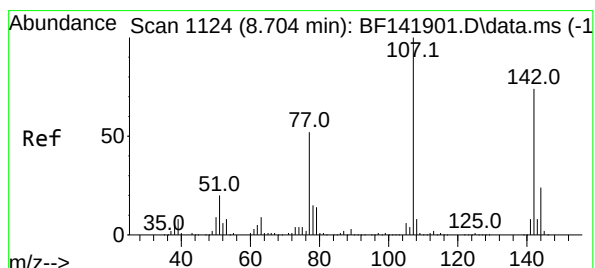
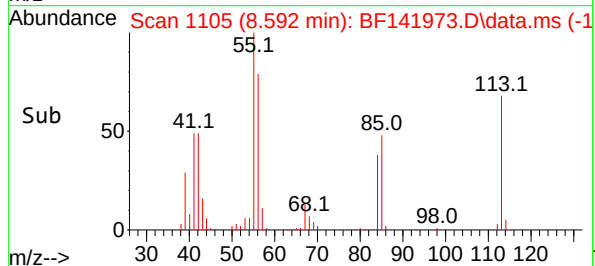
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#36

4-Chloro-3-methylphenol

Concen: 35.814 ng

RT: 8.704 min Scan# 1124

Delta R.T. 0.000 min

Lab File: BF141973.D

Acq: 17 Mar 2025 09:39

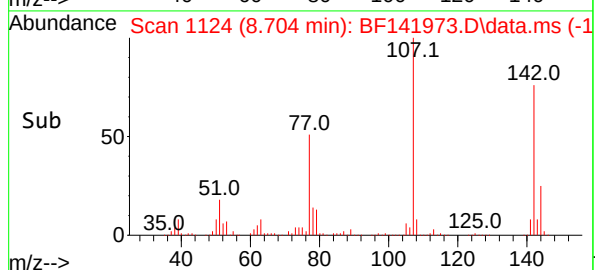
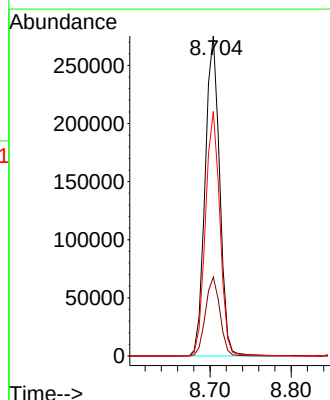
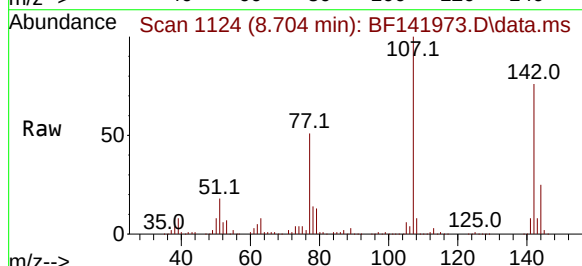
Tgt Ion:107 Resp: 341518

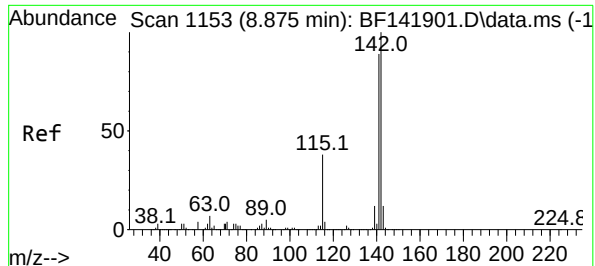
Ion Ratio Lower Upper

107 100

144 24.7 19.0 28.6

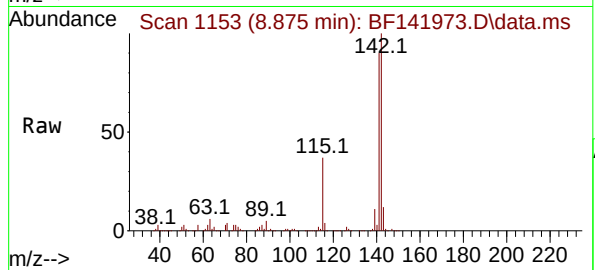
142 76.4 59.2 88.8





#37
2-Methylnaphthalene
Concen: 36.793 ng
RT: 8.875 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BF141973.D
Acq: 17 Mar 2025 09:39

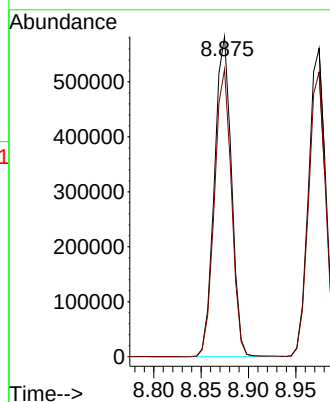
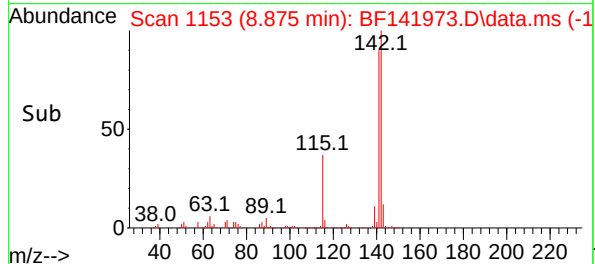
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:142 Resp: 728770
Ion Ratio Lower Upper
142 100
141 89.8 71.2 106.8

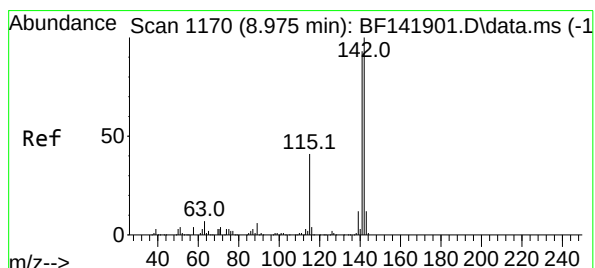
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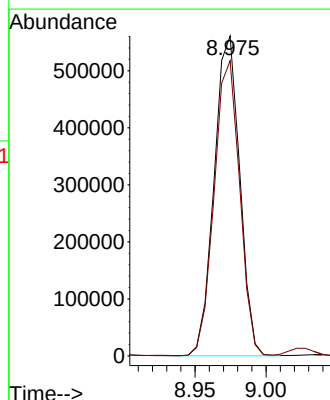
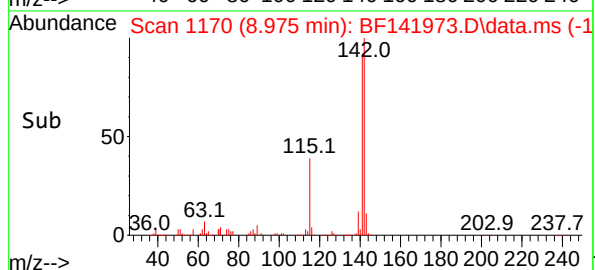
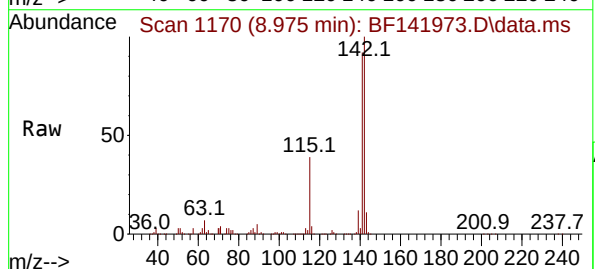
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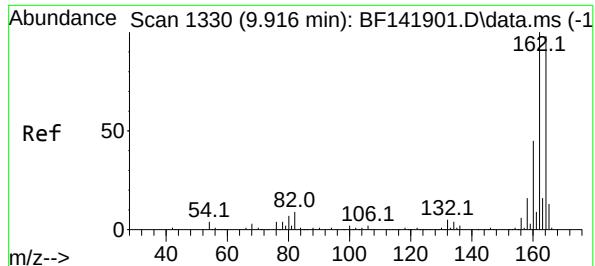
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#38
1-Methylnaphthalene
Concen: 36.656 ng
RT: 8.975 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF141973.D
Acq: 17 Mar 2025 09:39

Tgt Ion:142 Resp: 700647
Ion Ratio Lower Upper
142 100
141 92.3 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BF141973.D

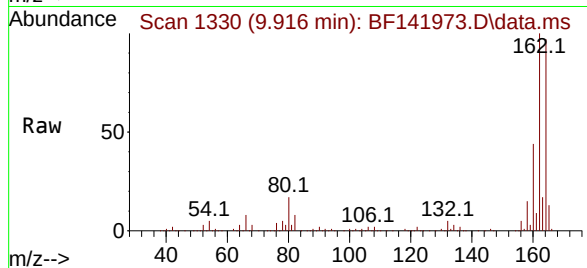
Acq: 17 Mar 2025 09:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:164 Resp: 299010

Ion Ratio Lower Upper

164 100

162 103.5 81.8 122.6

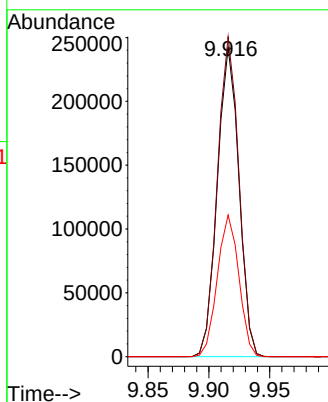
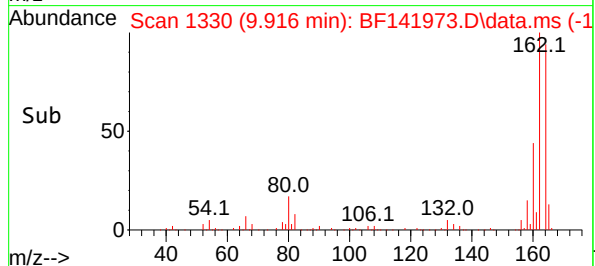
160 45.8 36.7 55.1

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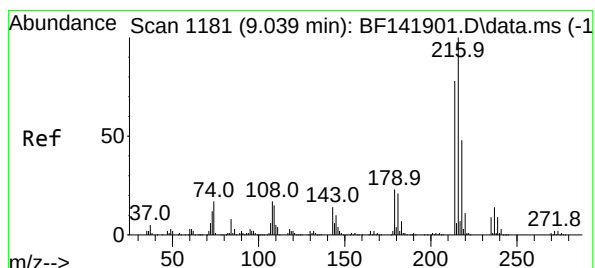
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#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.380 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF141973.D

Acq: 17 Mar 2025 09:39

Tgt Ion:216 Resp: 376710

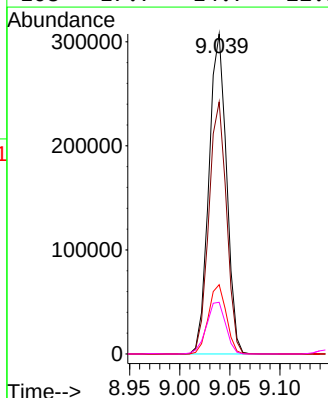
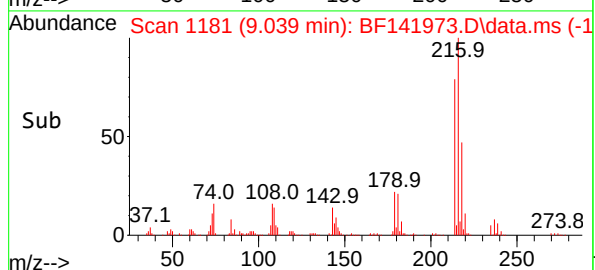
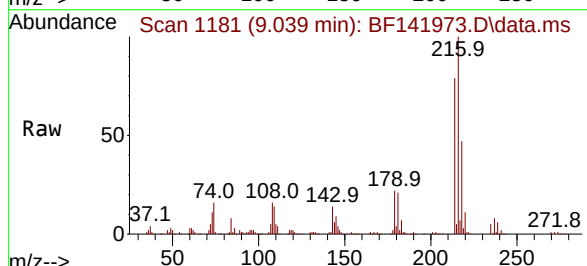
Ion Ratio Lower Upper

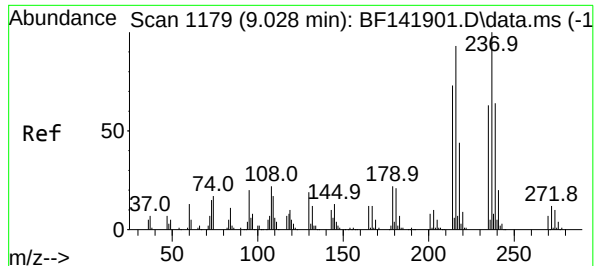
216 100

214 78.8 61.9 92.9

179 21.8 18.1 27.1

108 17.7 14.7 22.1





#41

Hexachlorocyclopentadiene

Concen: 40.620 ng

RT: 9.028 min Scan# 1179

Delta R.T. 0.000 min

Lab File: BF141973.D

Acq: 17 Mar 2025 09:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:237 Resp: 14472

Ion Ratio Lower Upper

237 100

235 62.0 43.1 83.1

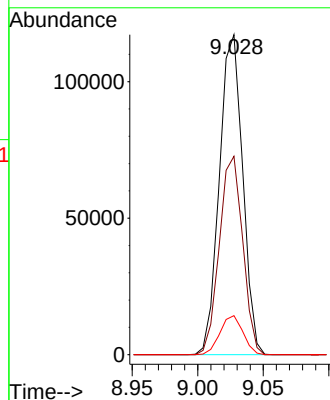
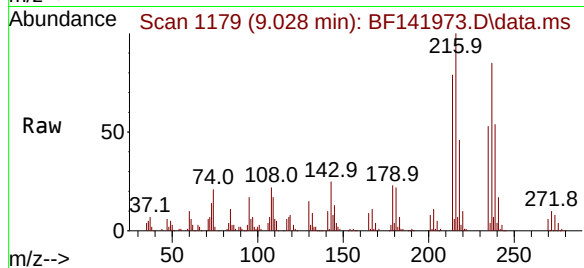
272 12.2 0.0 32.0

Manual Integrations

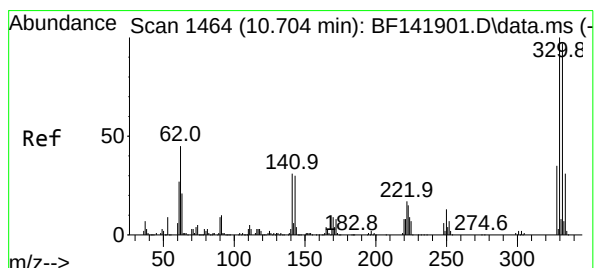
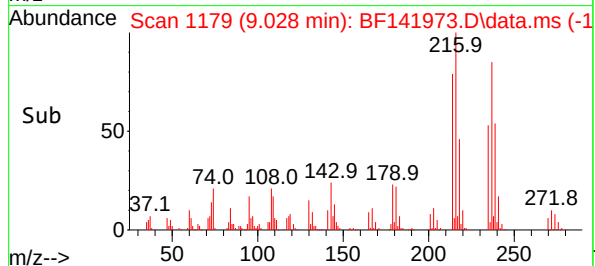
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#42

2,4,6-Tribromophenol

Concen: 76.439 ng

RT: 10.704 min Scan# 1464

Delta R.T. 0.000 min

Lab File: BF141973.D

Acq: 17 Mar 2025 09:39

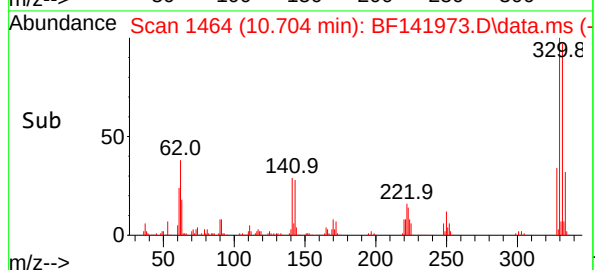
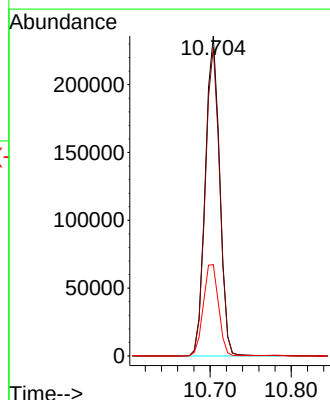
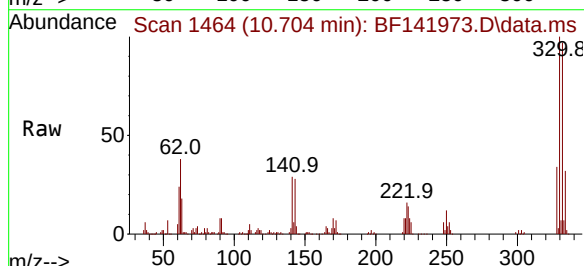
Tgt Ion:330 Resp: 289958

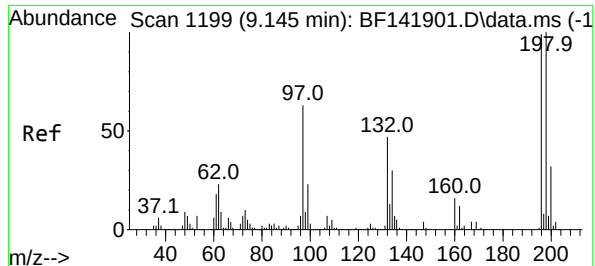
Ion Ratio Lower Upper

330 100

332 96.6 77.6 116.4

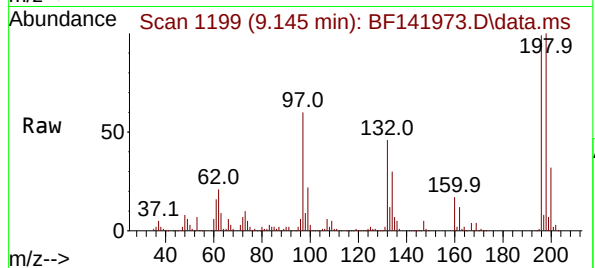
141 30.2 24.7 37.1





#43
2,4,6-Trichlorophenol
Concen: 39.924 ng
RT: 9.145 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF141973.D
Acq: 17 Mar 2025 09:39

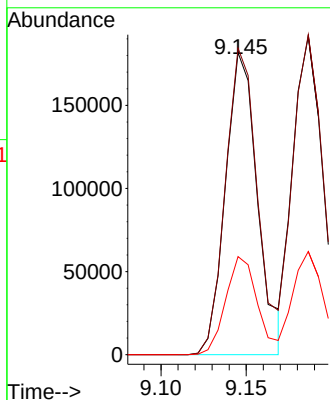
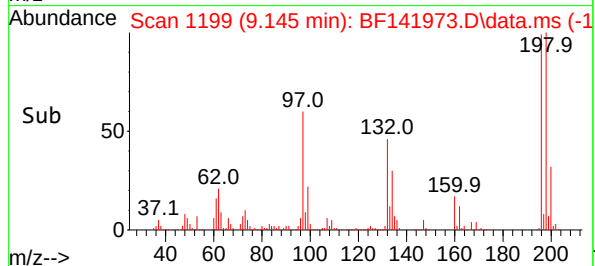
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:196 Resp: 237529
Ion Ratio Lower Upper
196 100
198 101.5 80.6 121.0
200 32.5 25.8 38.6

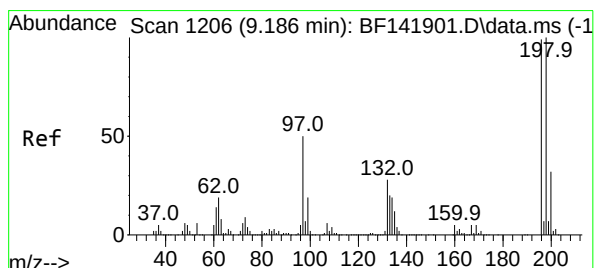
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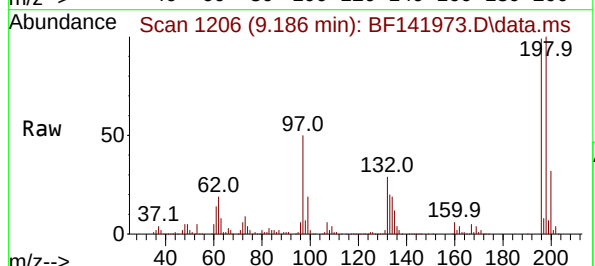


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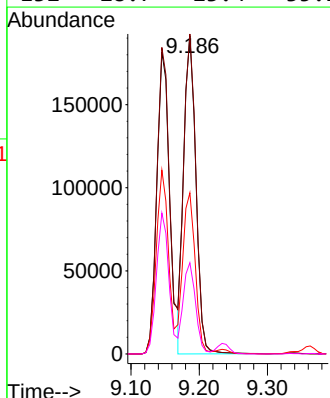
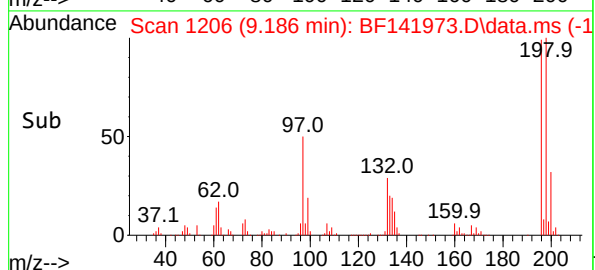
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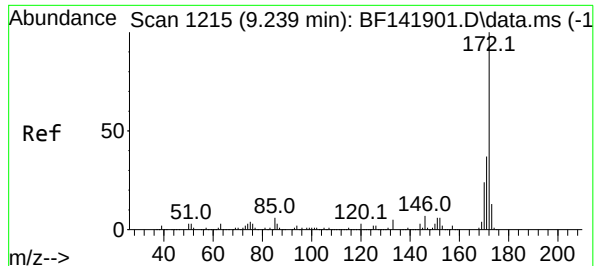


#44
2,4,5-Trichlorophenol
Concen: 39.396 ng
RT: 9.186 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF141973.D
Acq: 17 Mar 2025 09:39



Tgt Ion:196 Resp: 237390
Ion Ratio Lower Upper
196 100
198 100.5 80.7 121.1
97 50.6 42.1 63.1
132 28.7 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 80.672 ng

RT: 9.233 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF141973.D

Acq: 17 Mar 2025 09:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 158611

Ion Ratio Lower Upper

172 100

171 35.9 29.3 43.9

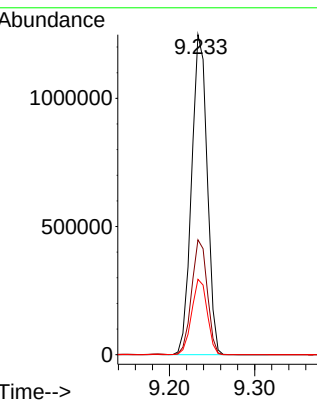
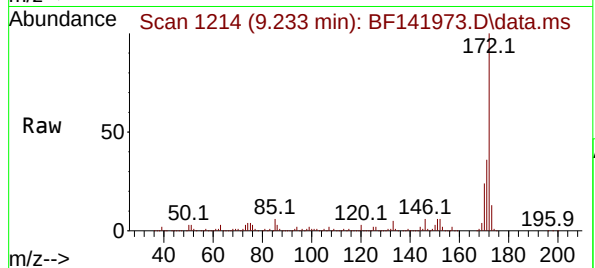
170 23.6 19.4 29.0

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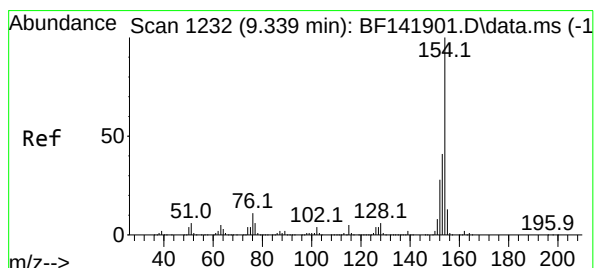
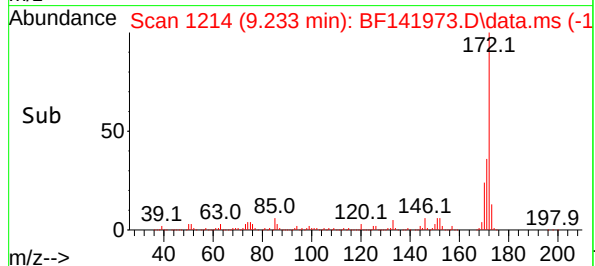
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#46

1,1'-Biphenyl

Concen: 40.171 ng

RT: 9.339 min Scan# 1232

Delta R.T. 0.000 min

Lab File: BF141973.D

Acq: 17 Mar 2025 09:39

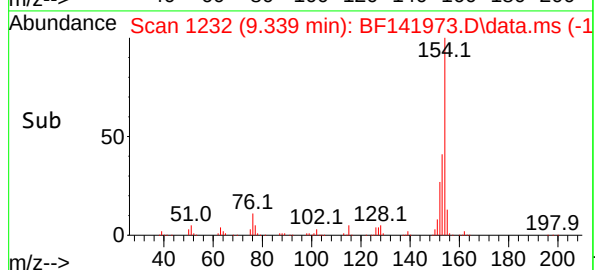
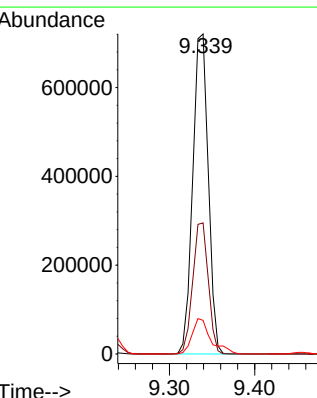
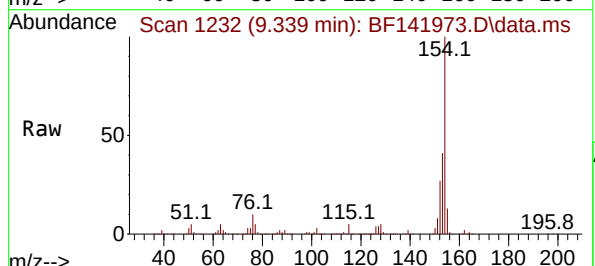
Tgt Ion:154 Resp: 912665

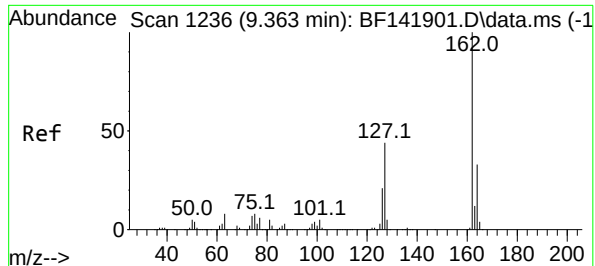
Ion Ratio Lower Upper

154 100

153 40.9 21.1 61.1

76 10.5 0.0 31.3





#47

2-Chloronaphthalene

Concen: 39.662 ng

RT: 9.363 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF141973.D

Acq: 17 Mar 2025 09:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 671630

Ion Ratio Lower Upper

162 100

127 43.4 35.5 53.3

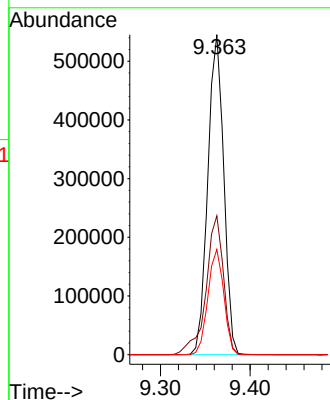
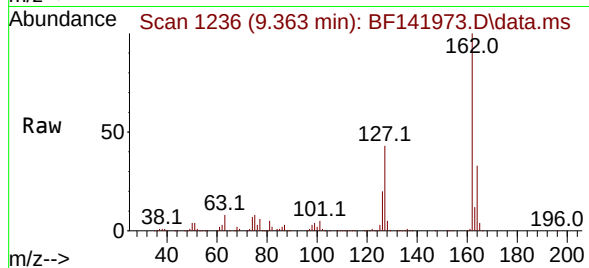
164 32.9 26.6 40.0

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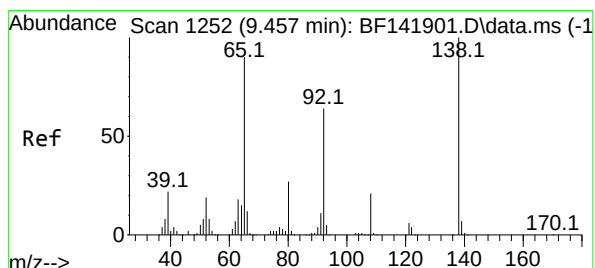
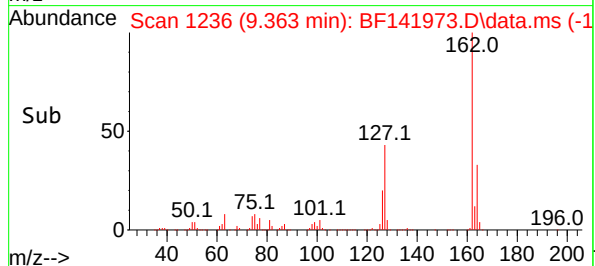
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#48

2-Nitroaniline

Concen: 37.806 ng

RT: 9.457 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BF141973.D

Acq: 17 Mar 2025 09:39

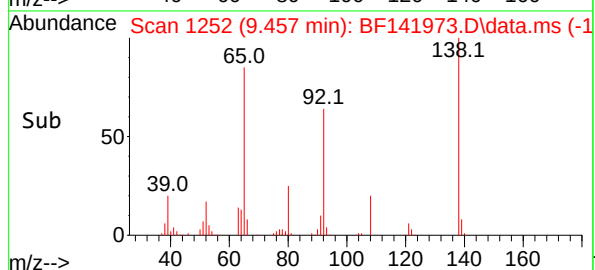
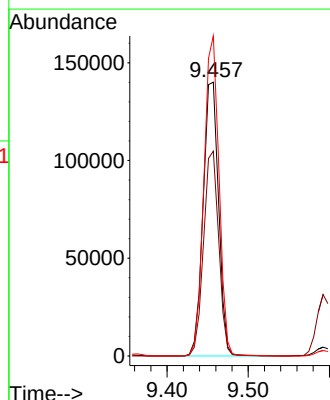
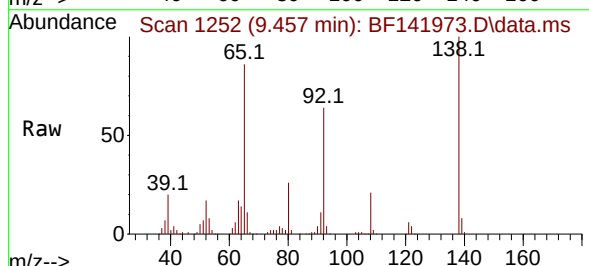
Tgt Ion: 65 Resp: 185364

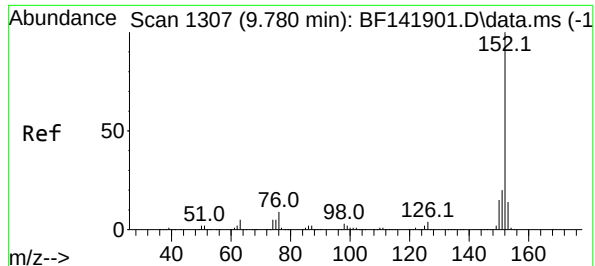
Ion Ratio Lower Upper

65 100

92 74.8 56.6 84.8

138 116.9 88.6 133.0





#49

Acenaphthylene

Concen: 39.195 ng

RT: 9.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141973.D

Acq: 17 Mar 2025 09:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:152 Resp: 98493

Ion Ratio Lower Upper

152 100

151 20.5 16.3 24.5

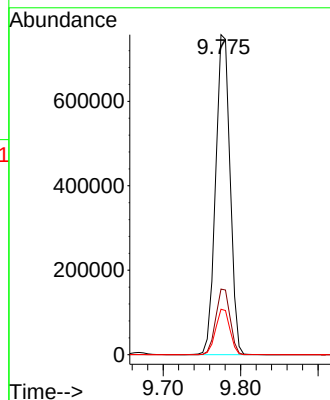
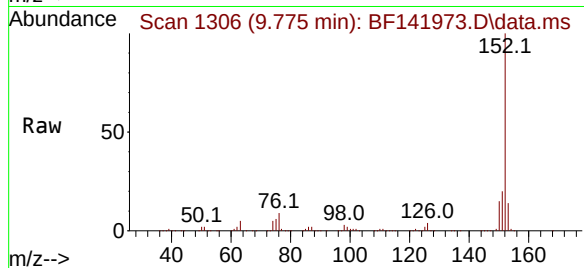
153 14.2 11.1 16.7

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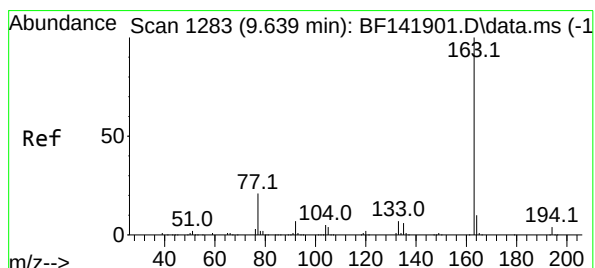
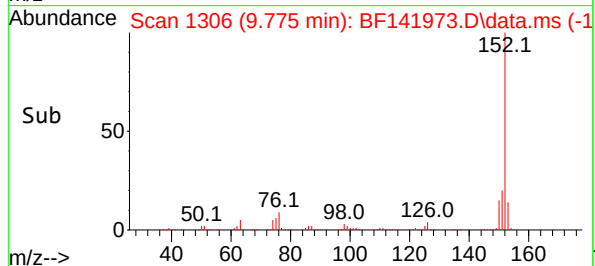
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#50

Dimethylphthalate

Concen: 37.563 ng

RT: 9.633 min Scan# 1282

Delta R.T. -0.006 min

Lab File: BF141973.D

Acq: 17 Mar 2025 09:39

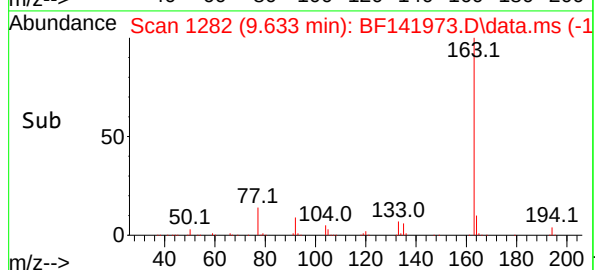
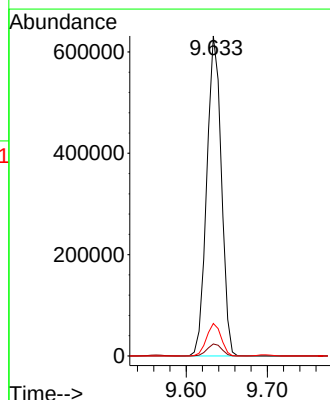
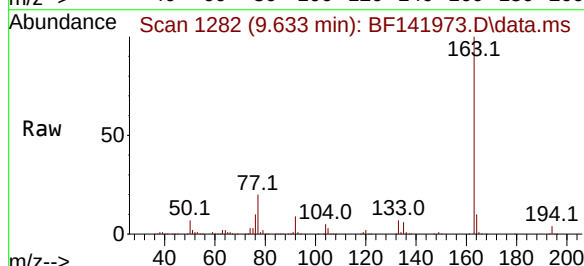
Tgt Ion:163 Resp: 786521

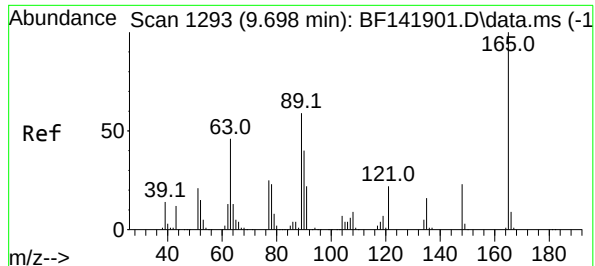
Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

164 10.2 8.2 12.4





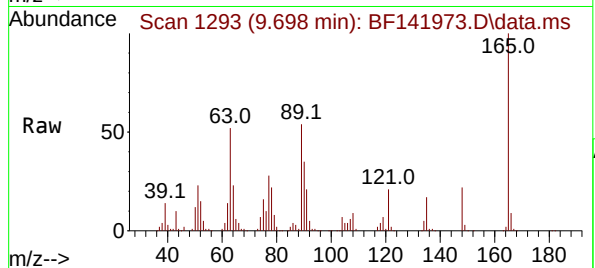
#51
2,6-Dinitrotoluene
Concen: 38.518 ng
RT: 9.698 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF141973.D
Acq: 17 Mar 2025 09:39

Instrument :

BNA_F

ClientSampleId :

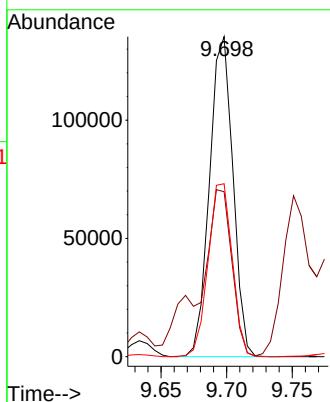
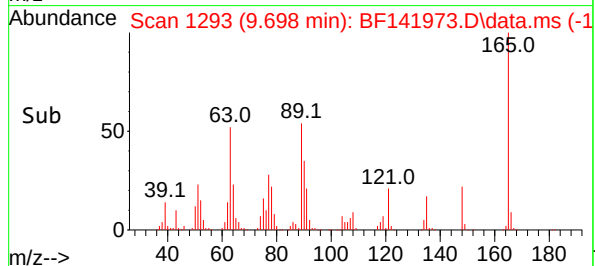
SSTDCCC040



Tgt Ion:165 Resp: 167920
Ion Ratio Lower Upper
165 100
63 51.5 47.0 70.4
89 54.1 47.4 71.2

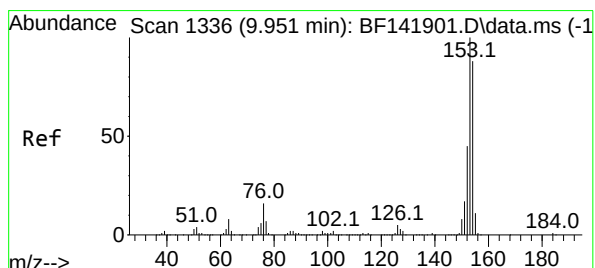
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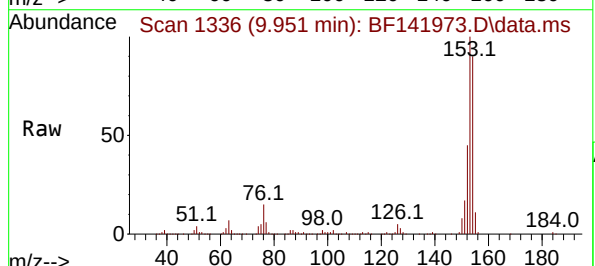


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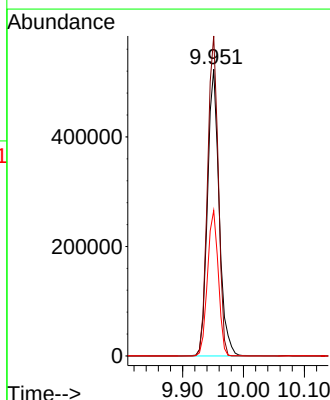
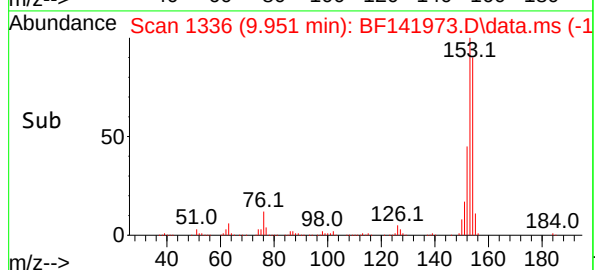
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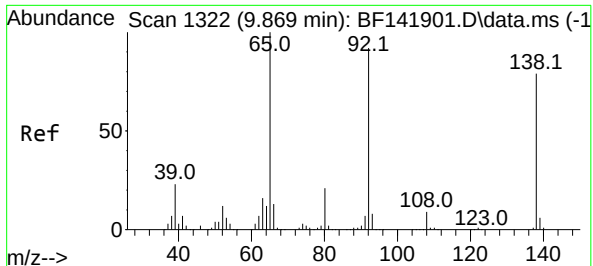


#52
Acenaphthene
Concen: 39.431 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF141973.D
Acq: 17 Mar 2025 09:39



Tgt Ion:154 Resp: 696340
Ion Ratio Lower Upper
154 100
153 111.6 90.7 136.1
152 50.7 41.1 61.7





#53

3-Nitroaniline

Concen: 37.911 ng

RT: 9.863 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF141973.D

Acq: 17 Mar 2025 09:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:138 Resp: 167650

Ion Ratio Lower Upper

138 100

108 11.2 9.3 13.9

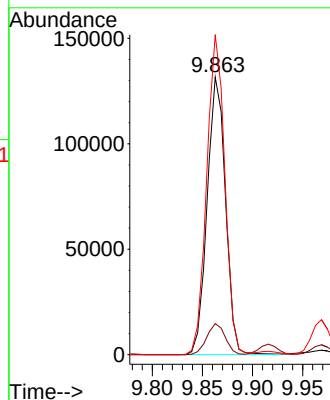
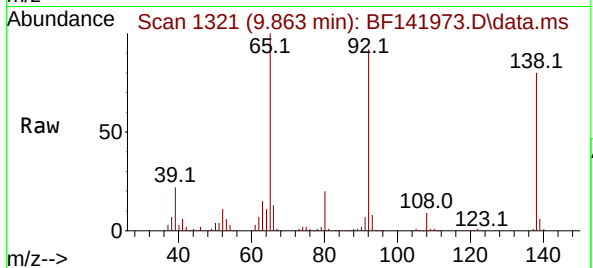
92 115.3 93.5 140.3

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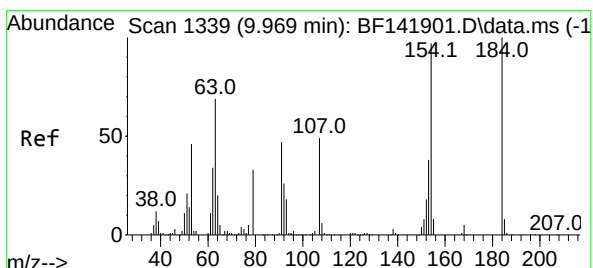
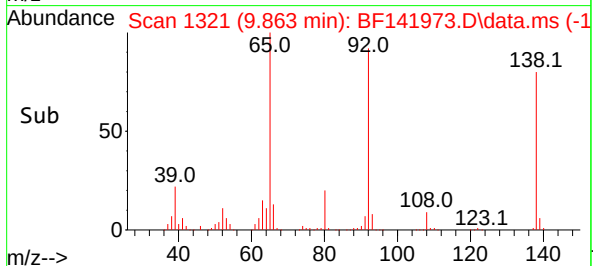
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#54

2,4-Dinitrophenol

Concen: 37.186 ng

RT: 9.969 min Scan# 1339

Delta R.T. -0.000 min

Lab File: BF141973.D

Acq: 17 Mar 2025 09:39

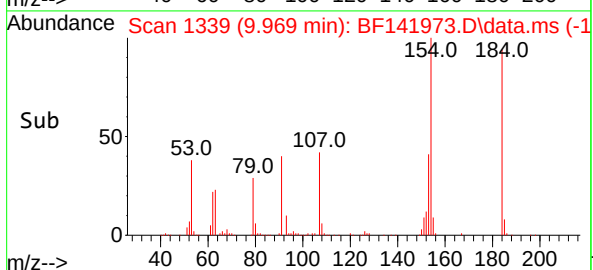
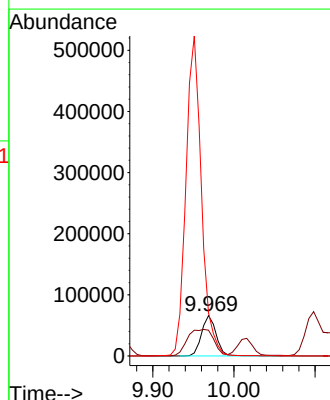
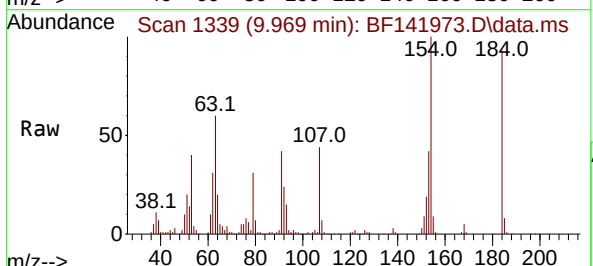
Tgt Ion:184 Resp: 82618

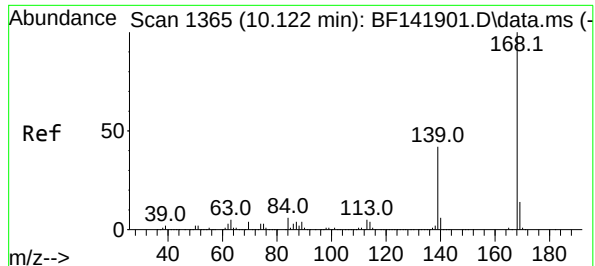
Ion Ratio Lower Upper

184 100

63 64.0 60.2 90.4

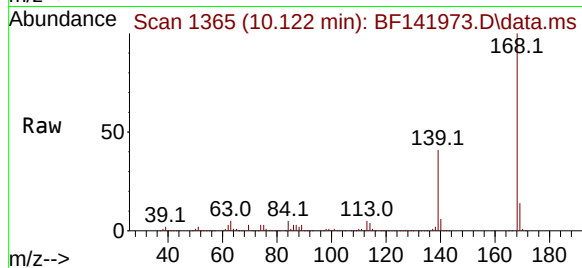
154 107.1 132.9 199.3#





#55
Dibenzofuran
Concen: 38.193 ng
RT: 10.122 min Scan# 1365
Delta R.T. 0.000 min
Lab File: BF141973.D
Acq: 17 Mar 2025 09:39

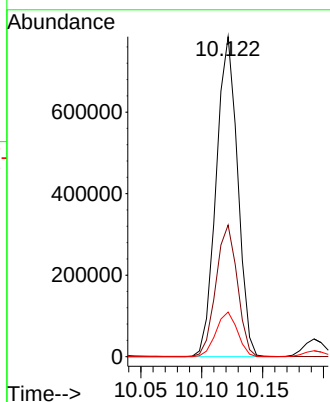
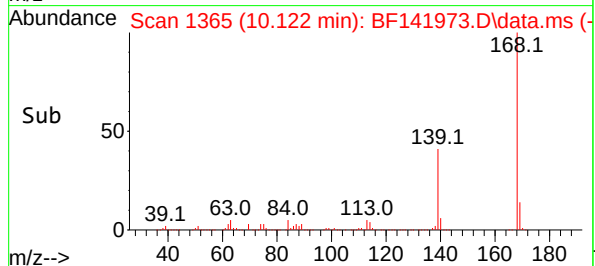
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:168 Resp: 963748
Ion Ratio Lower Upper
168 100
139 41.1 33.9 50.9
169 13.9 11.0 16.4

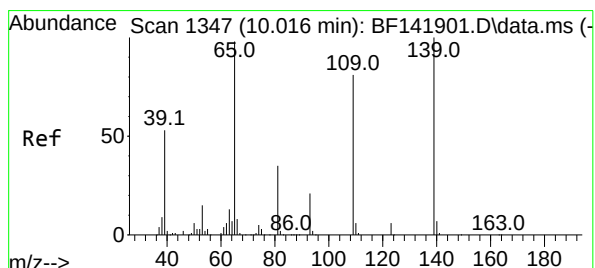
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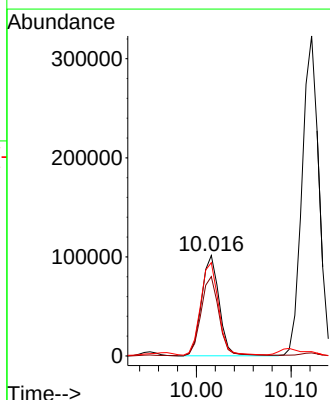
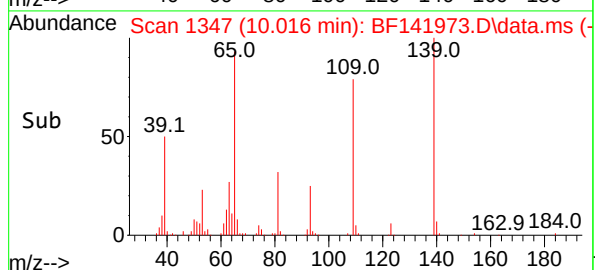
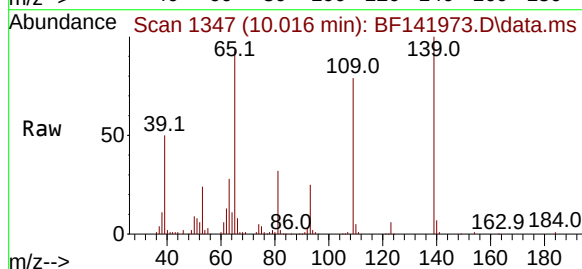
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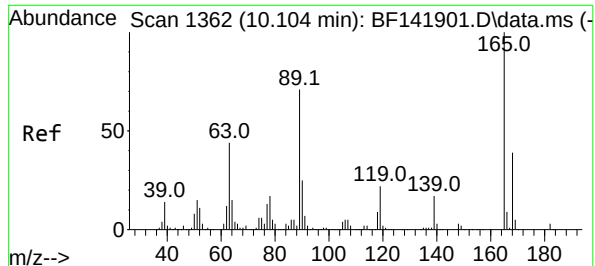
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#56
4-Nitrophenol
Concen: 39.471 ng
RT: 10.016 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF141973.D
Acq: 17 Mar 2025 09:39

Tgt Ion:139 Resp: 131636
Ion Ratio Lower Upper
139 100
109 79.0 61.6 101.6
65 92.9 79.4 119.4





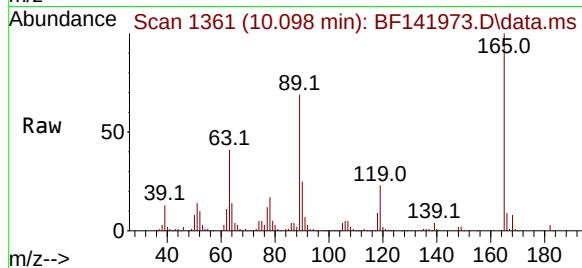
#57
2,4-Dinitrotoluene
Concen: 38.162 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BF141973.D
Acq: 17 Mar 2025 09:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

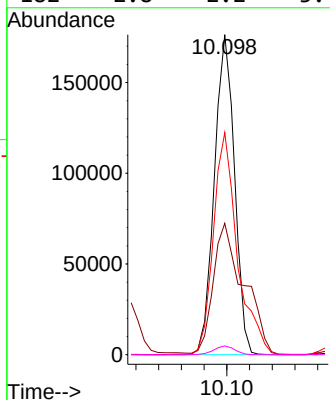
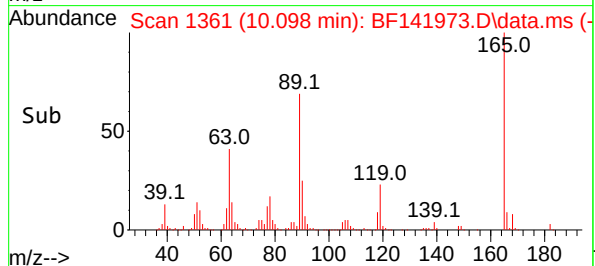


Tgt Ion:165 Resp: 217299
Ion Ratio Lower Upper
165 100
63 41.1 35.4 53.2
89 69.4 56.6 84.8
182 2.8 2.2 3.4

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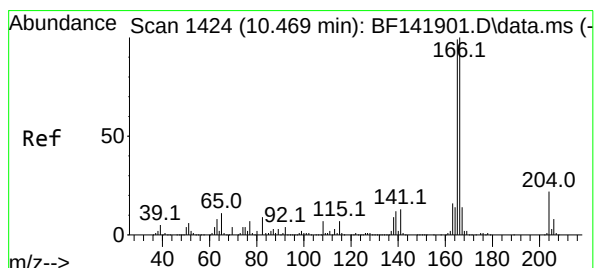
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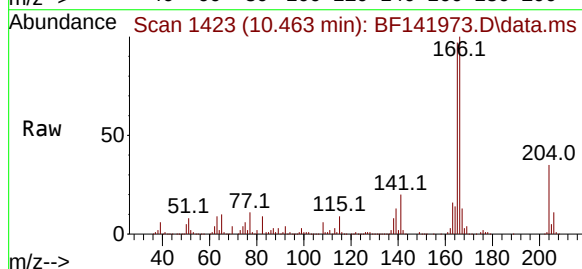


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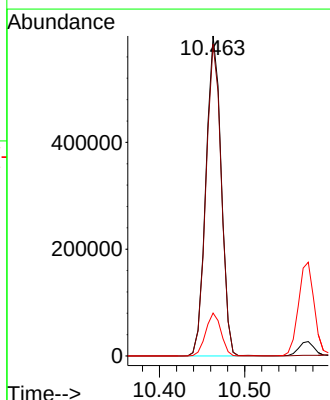
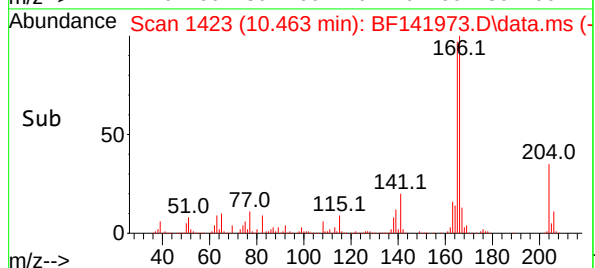
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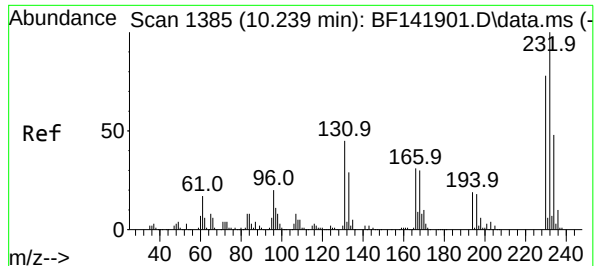


#58
Fluorene
Concen: 38.313 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF141973.D
Acq: 17 Mar 2025 09:39



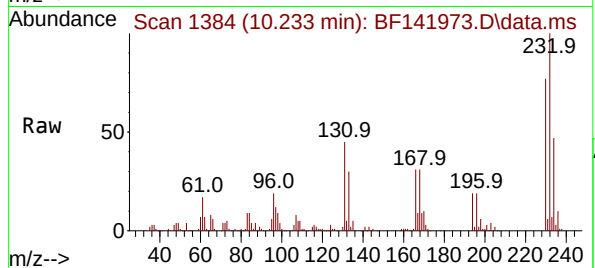
Tgt Ion:166 Resp: 745550
Ion Ratio Lower Upper
166 100
165 97.4 79.0 118.4
167 13.4 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 38.540 ng
RT: 10.233 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF141973.D
Acq: 17 Mar 2025 09:39

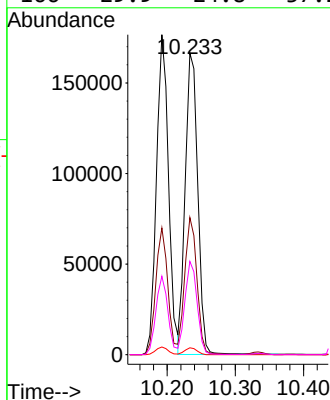
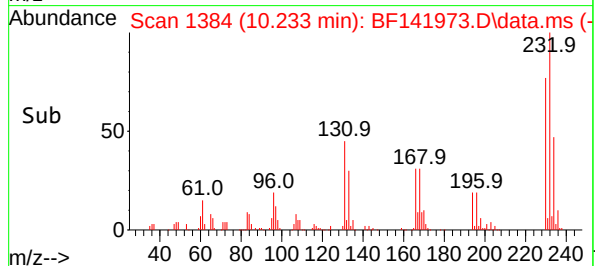
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:232 Resp: 21132
Ion Ratio Lower Upper
232 100
131 44.0 37.3 55.9
130 2.2 1.9 2.9
166 29.9 24.8 37.2

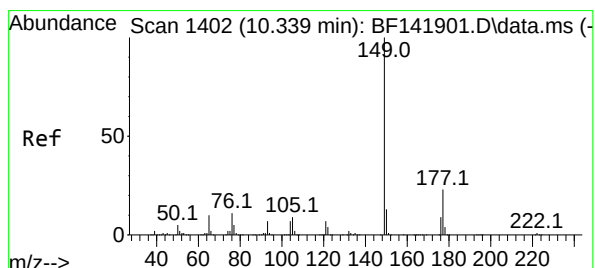
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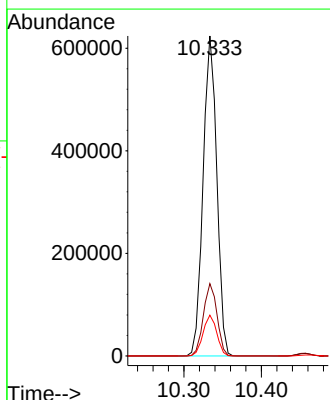
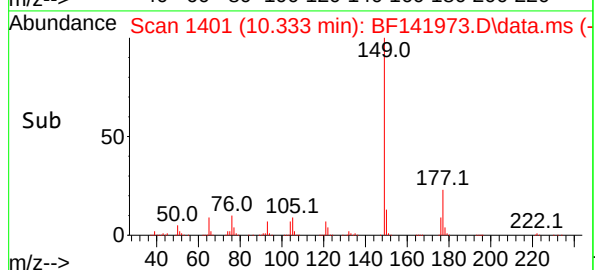
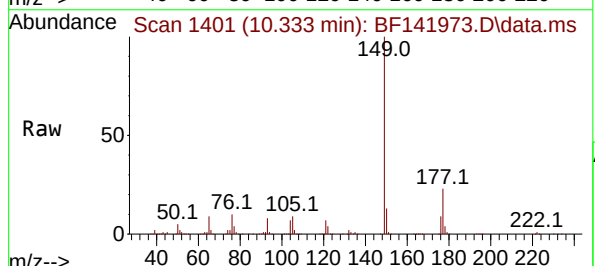
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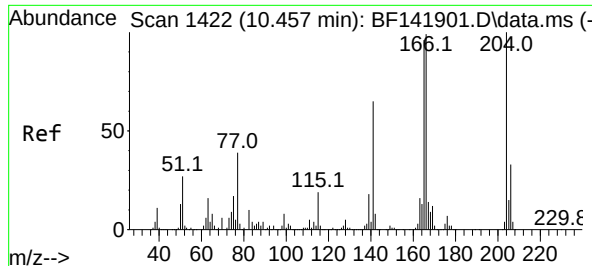
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#60
Diethylphthalate
Concen: 36.665 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF141973.D
Acq: 17 Mar 2025 09:39

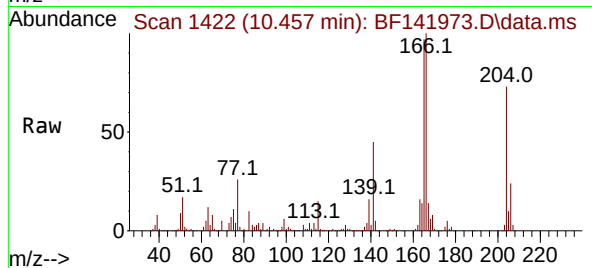
Tgt Ion:149 Resp: 765525
Ion Ratio Lower Upper
149 100
177 22.6 18.0 27.0
150 12.8 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 38.465 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF141973.D
Acq: 17 Mar 2025 09:39

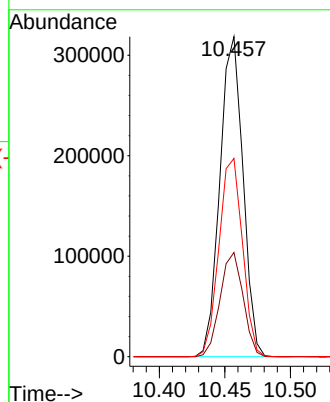
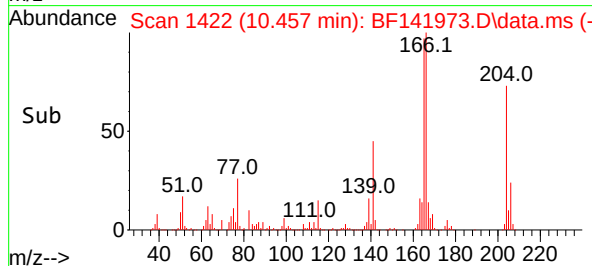
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:204 Resp: 390230
Ion Ratio Lower Upper
204 100
206 32.6 26.8 40.2
141 61.9 52.4 78.6

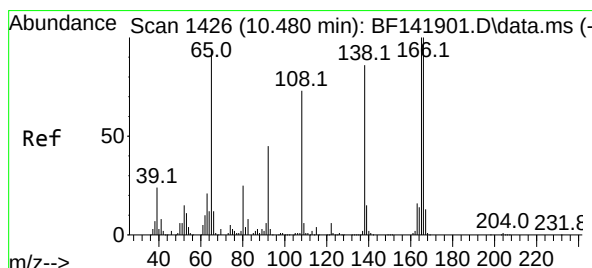
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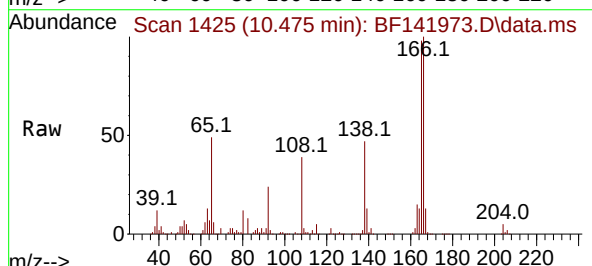


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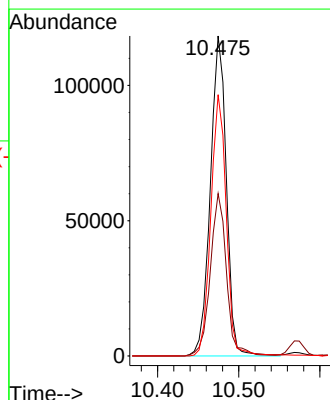
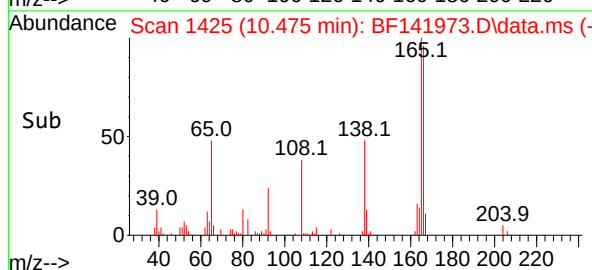
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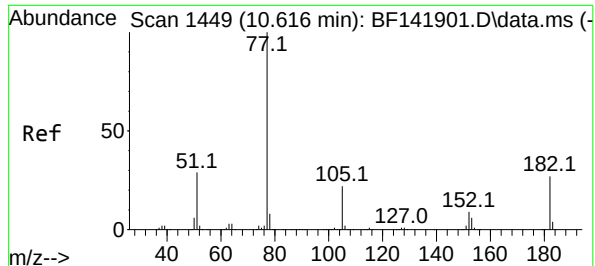


#62
4-Nitroaniline
Concen: 37.650 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF141973.D
Acq: 17 Mar 2025 09:39



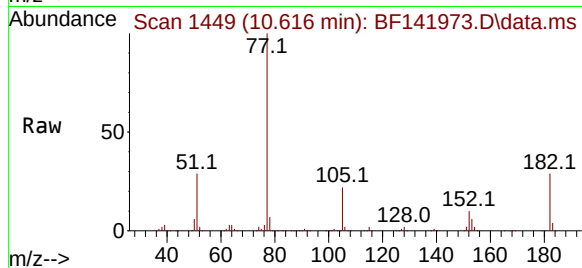
Tgt Ion:138 Resp: 162099
Ion Ratio Lower Upper
138 100
92 50.8 32.6 72.6
108 81.7 65.0 105.0





#63
Azobenzene
Concen: 36.583 ng
RT: 10.616 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF141973.D
Acq: 17 Mar 2025 09:39

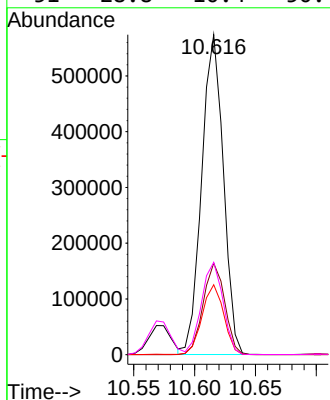
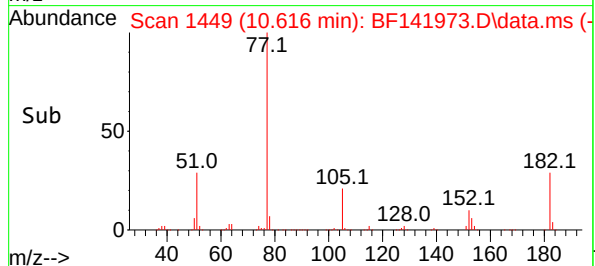
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 77 Resp: 710130
Ion Ratio Lower Upper
77 100
182 28.6 6.6 46.6
105 21.8 1.3 41.3
51 28.8 10.4 50.4

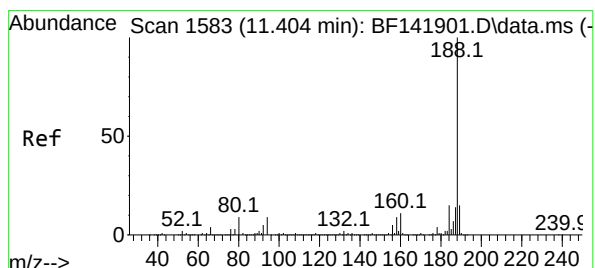
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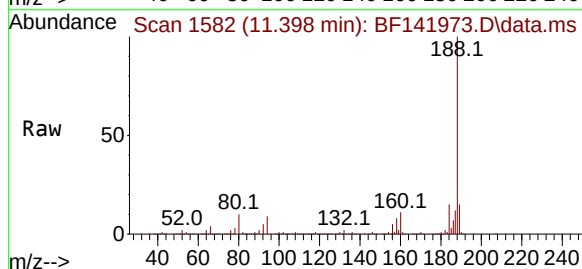


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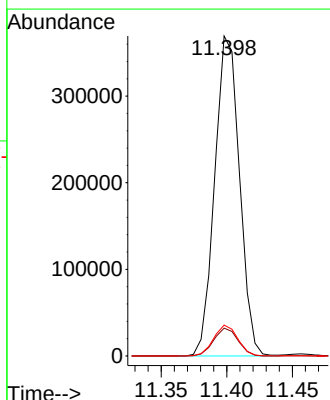
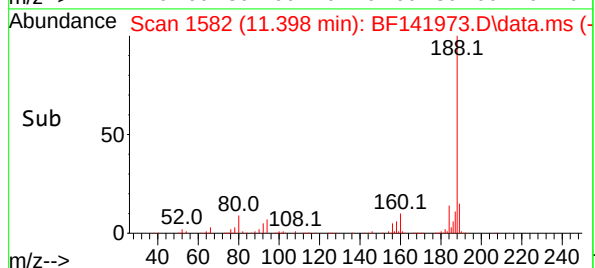
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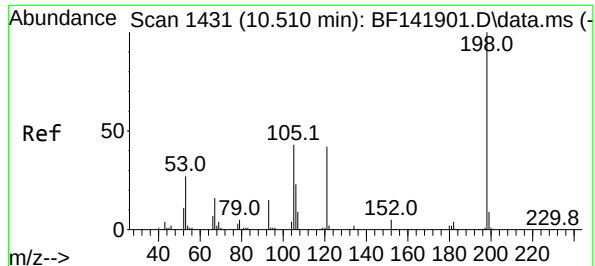


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF141973.D
Acq: 17 Mar 2025 09:39



Tgt Ion:188 Resp: 485045
Ion Ratio Lower Upper
188 100
94 8.7 6.8 10.2
80 9.6 7.6 11.4





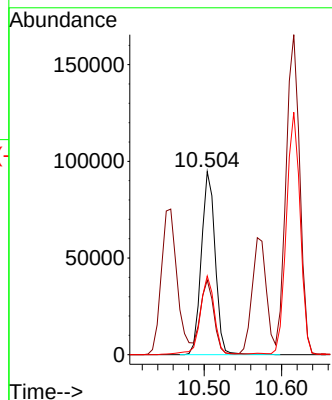
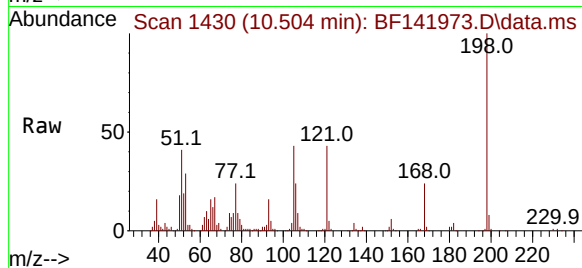
#65
4,6-Dinitro-2-methylphenol
Concen: 40.518 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF141973.D
Acq: 17 Mar 2025 09:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

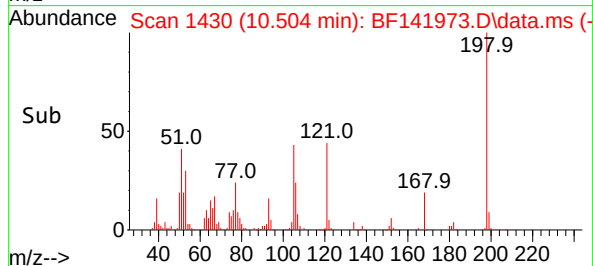
Tgt Ion:198 Resp: 117159
Ion Ratio Lower Upper
198 100
51 40.7 22.3 62.3
105 43.0 23.0 63.0

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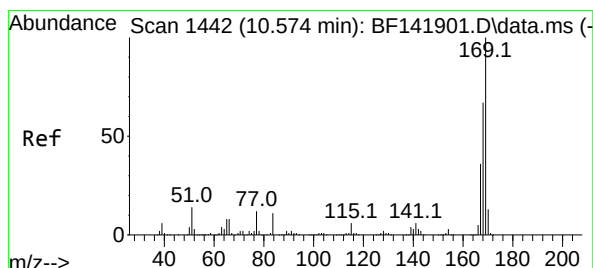
Reviewed By :Anahy Claudio 03/18/2025
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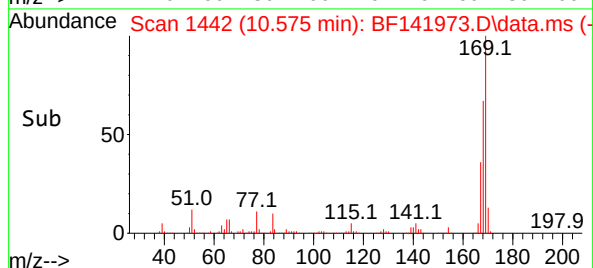
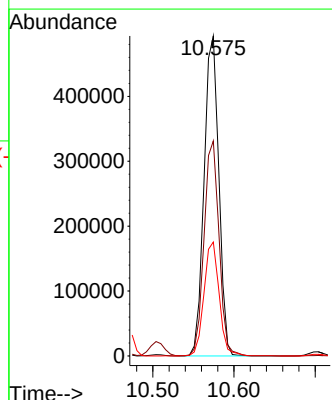
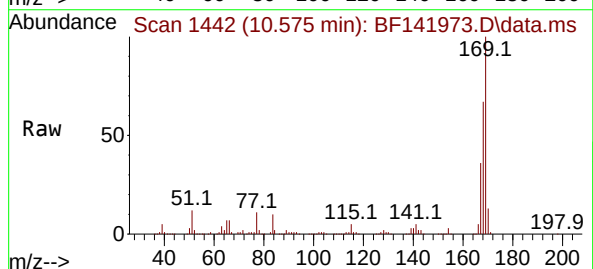


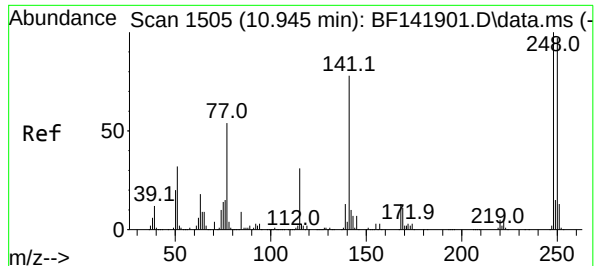
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#66
n-Nitrosodiphenylamine
Concen: 39.510 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF141973.D
Acq: 17 Mar 2025 09:39

Tgt Ion:169 Resp: 620160
Ion Ratio Lower Upper
169 100
168 67.2 53.7 80.5
167 35.6 29.2 43.8





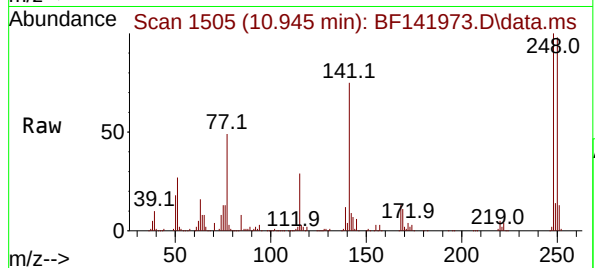
#67
4-Bromophenyl-phenylether
Concen: 39.532 ng
RT: 10.945 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF141973.D
Acq: 17 Mar 2025 09:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

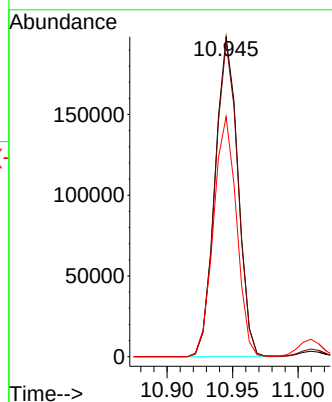
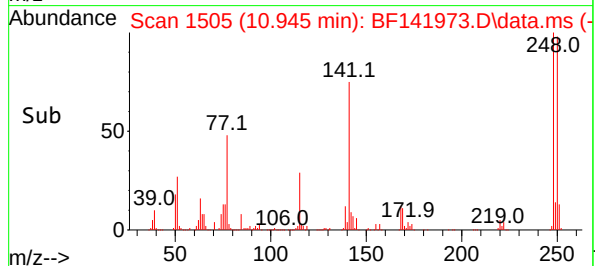


Tgt Ion:248 Resp: 240812
Ion Ratio Lower Upper
248 100
250 98.2 77.8 116.8
141 75.0 62.6 93.8

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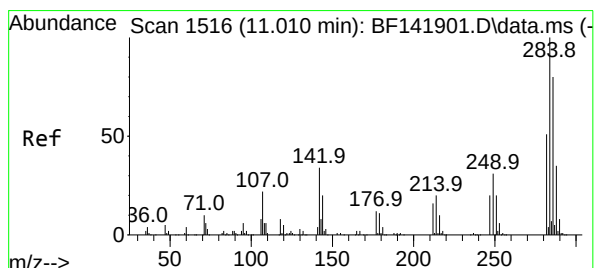
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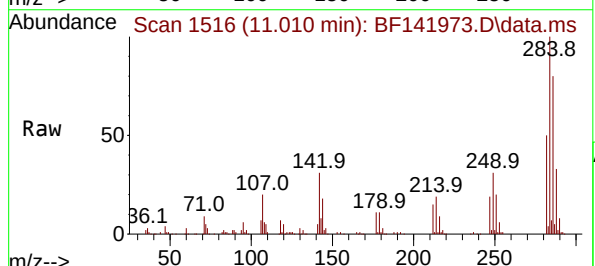


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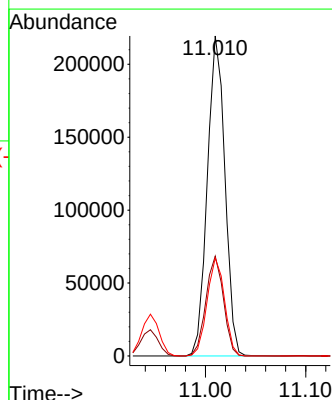
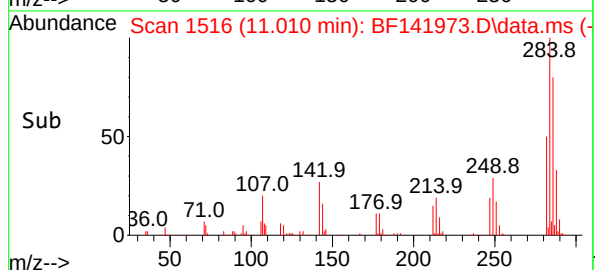
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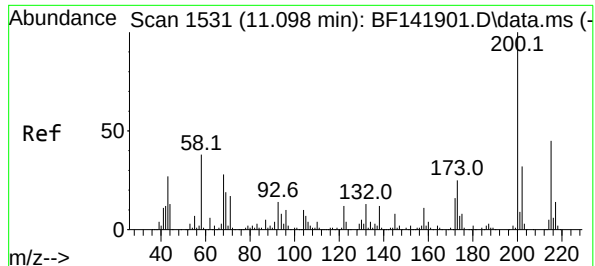


#68
Hexachlorobenzene
Concen: 40.165 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF141973.D
Acq: 17 Mar 2025 09:39



Tgt Ion:284 Resp: 268345
Ion Ratio Lower Upper
284 100
142 31.2 27.0 40.6
249 30.6 25.2 37.8





#69

Atrazine

Concen: 35.096 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF141973.D

Acq: 17 Mar 2025 09:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:200 Resp: 168874

Ion Ratio Lower Upper

200 100

173 23.9 4.7 44.7

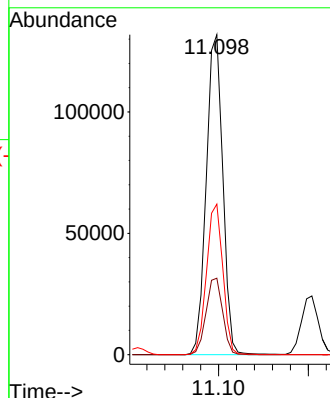
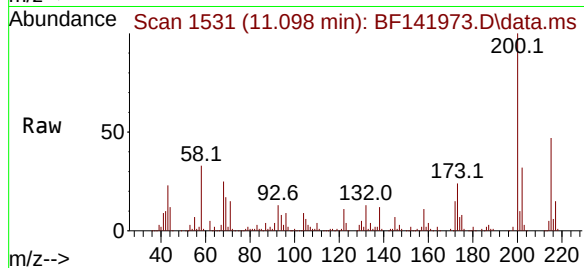
215 47.1 25.4 65.4

Manual Integrations

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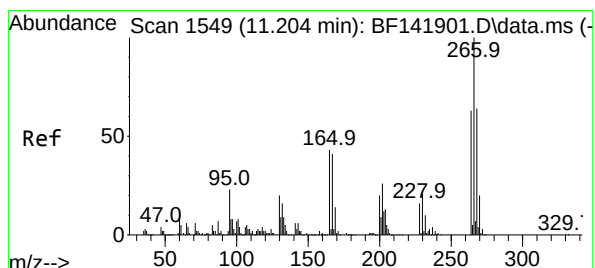
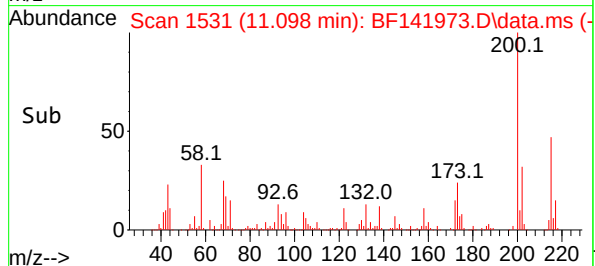
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Upadhyay

03/18/2025



#70

Pentachlorophenol

Concen: 41.253 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.000 min

Lab File: BF141973.D

Acq: 17 Mar 2025 09:39

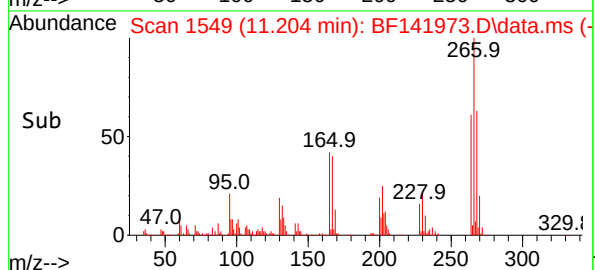
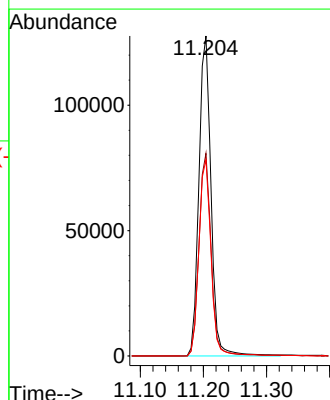
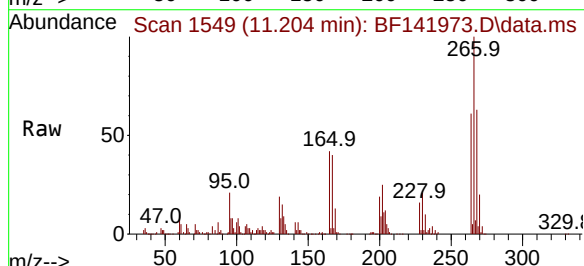
Tgt Ion:266 Resp: 169814

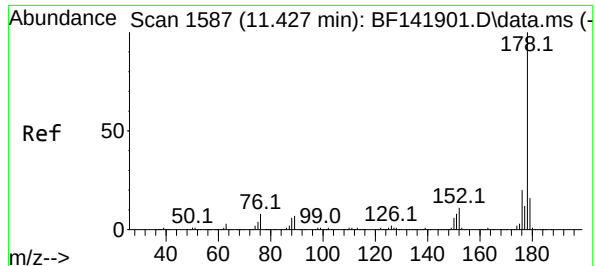
Ion Ratio Lower Upper

266 100

268 63.3 51.0 76.6

264 61.4 50.2 75.2





#71

Phenanthrene

Concen: 38.767 ng

RT: 11.427 min Scan# 1587

Delta R.T. 0.000 min

Lab File: BF141973.D

Acq: 17 Mar 2025 09:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:178 Resp: 1015659

Ion Ratio Lower Upper

178 100

176 18.9 15.8 23.8

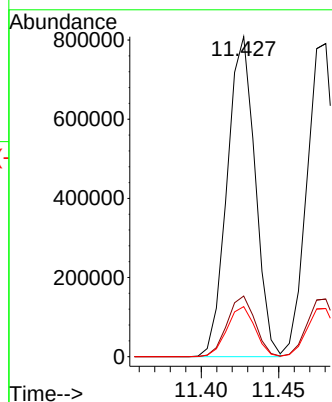
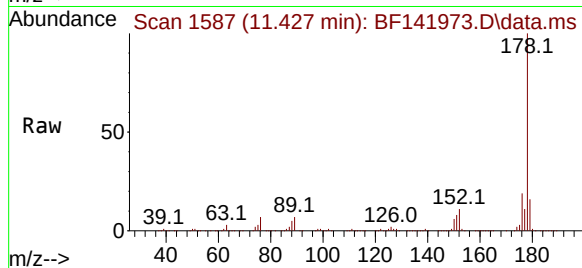
179 15.6 12.6 19.0

Manual Integrations

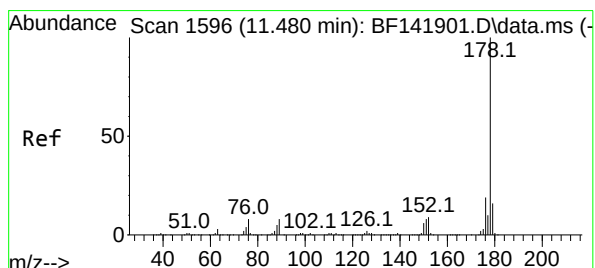
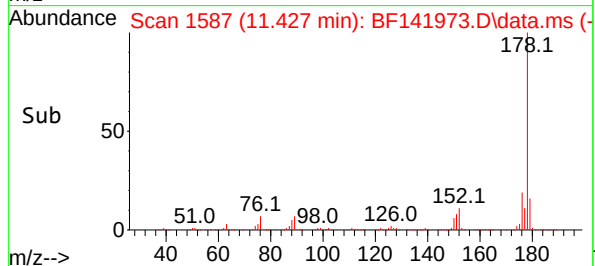
APPROVED

Reviewed By :Anahy Claudio 03/18/2025

Supervised By :Jagrut Upadhyay 03/18/2025

03/18/2025
Supervised By :Jagrut
Upadhyay

03/18/2025



#72

Anthracene

Concen: 39.103 ng

RT: 11.480 min Scan# 1596

Delta R.T. 0.000 min

Lab File: BF141973.D

Acq: 17 Mar 2025 09:39

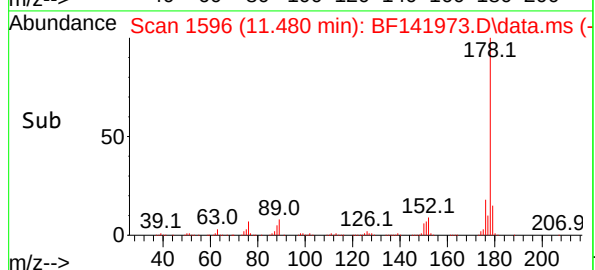
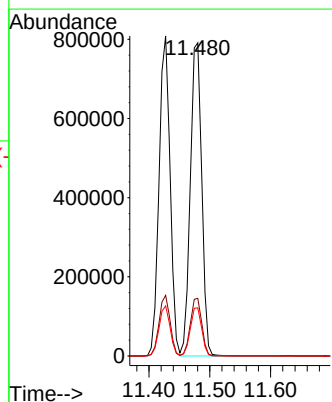
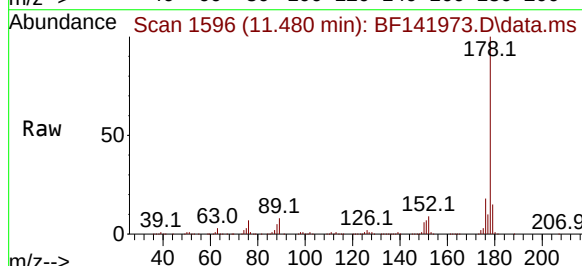
Tgt Ion:178 Resp: 1027806

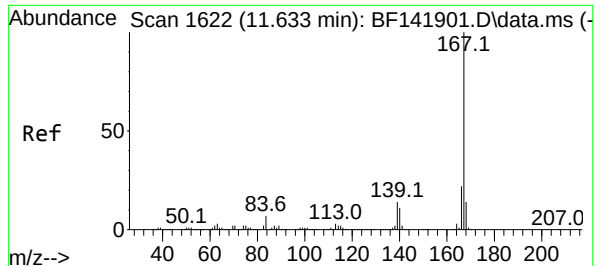
Ion Ratio Lower Upper

178 100

176 18.4 15.1 22.7

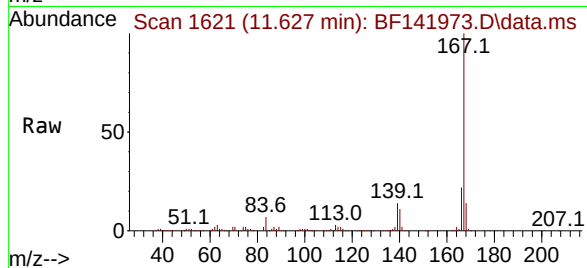
179 15.4 12.6 19.0





#73
 Carbazole
 Concen: 37.924 ng
 RT: 11.627 min Scan# 1621
 Delta R.T. -0.006 min
 Lab File: BF141973.D
 Acq: 17 Mar 2025 09:39

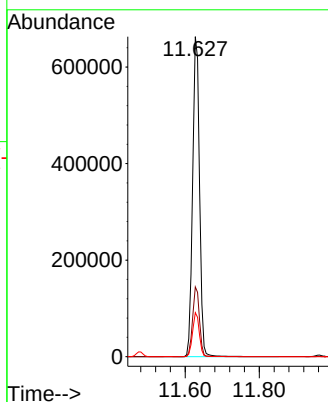
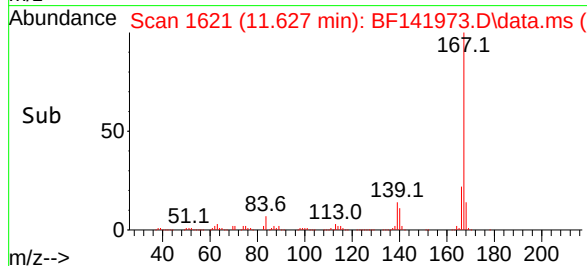
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



Tgt Ion:167 Resp: 859650
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.2
 139 13.7 11.0 16.6

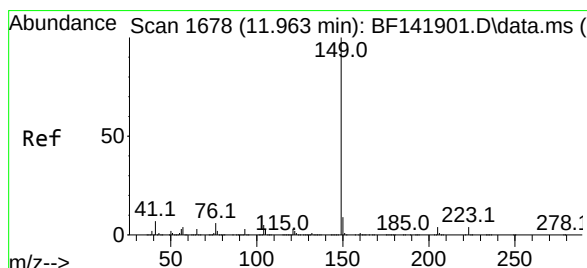
Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/18/2025
 Supervised By :Jagrut Upadhyay 03/18/2025

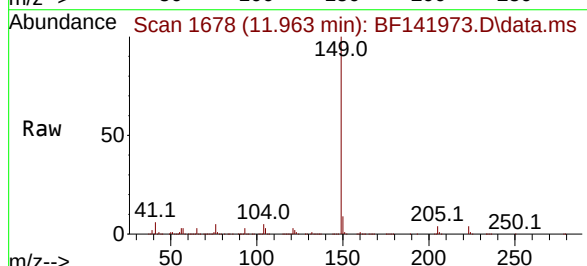


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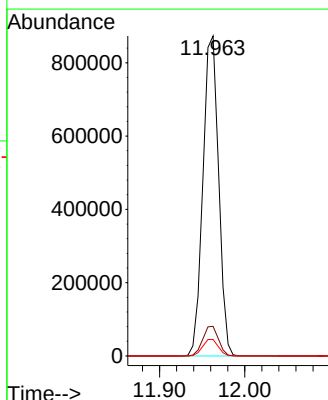
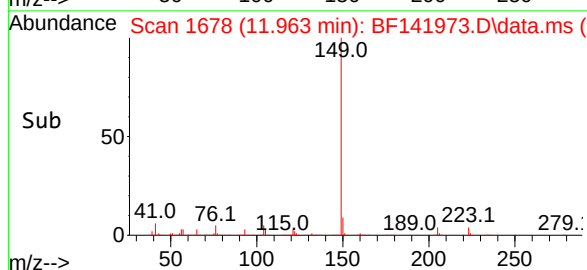
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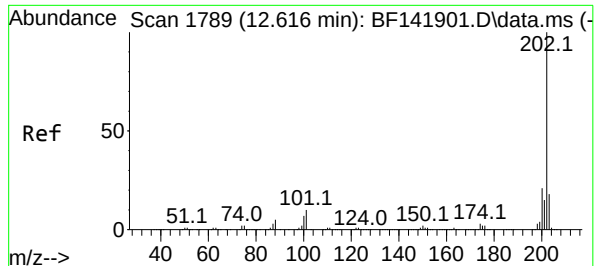


#74
 Di-n-butylphthalate
 Concen: 37.166 ng
 RT: 11.963 min Scan# 1678
 Delta R.T. 0.000 min
 Lab File: BF141973.D
 Acq: 17 Mar 2025 09:39



Tgt Ion:149 Resp: 1117865
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.6 11.4
 104 5.1 4.4 6.6





#75

Fluoranthene

Concen: 36.402 ng

RT: 12.616 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF141973.D

Acq: 17 Mar 2025 09:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:202 Resp: 1011634

Ion Ratio Lower Upper

202 100

101 9.3 0.0 29.7

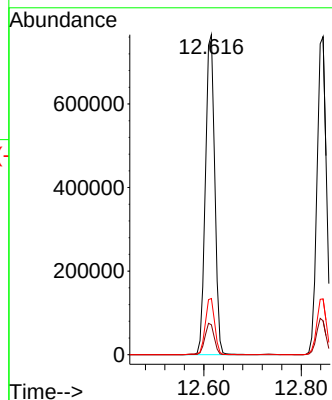
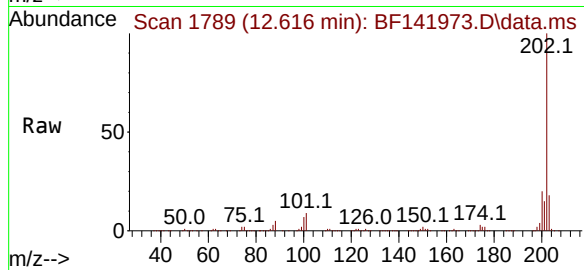
203 17.5 0.0 37.8

Manual Integrations

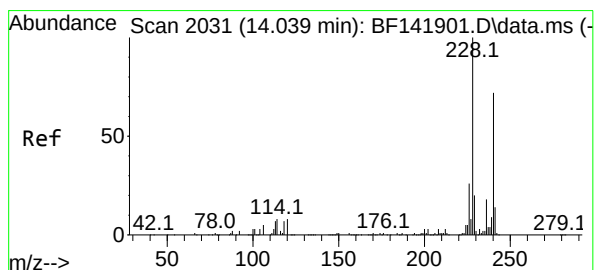
APPROVED

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Upadhyay

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#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF141973.D

Acq: 17 Mar 2025 09:39

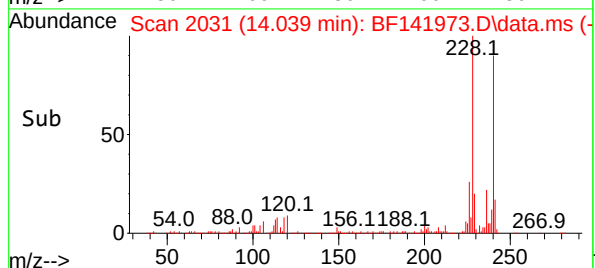
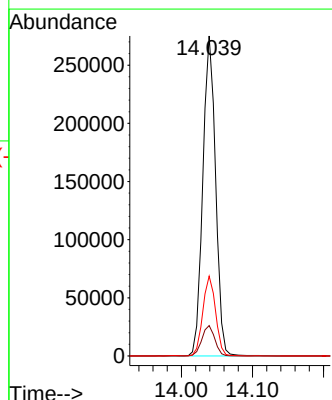
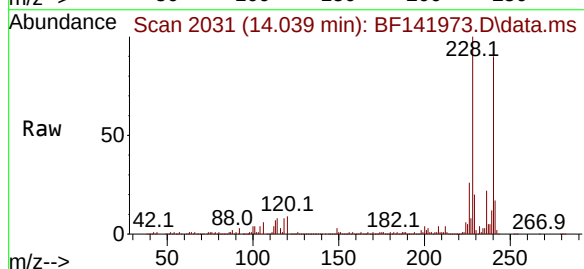
Tgt Ion:240 Resp: 344713

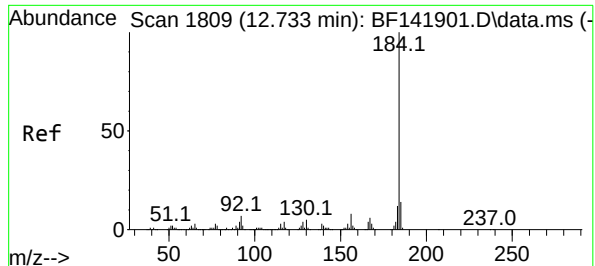
Ion Ratio Lower Upper

240 100

120 9.5 8.4 12.6

236 25.0 20.5 30.7





#77

Benzidine

Concen: 50.584 ng

RT: 12.733 min Scan# 1809

Delta R.T. 0.000 min

Lab File: BF141973.D

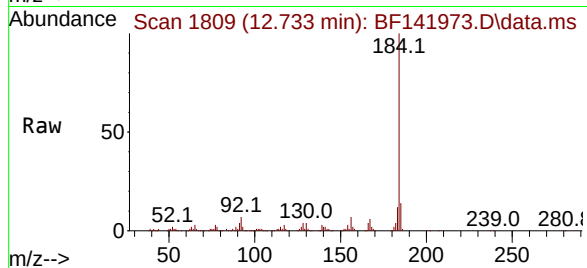
Acq: 17 Mar 2025 09:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:184 Resp: 243279

Ion Ratio Lower Upper

184 100

185 13.8 11.5 17.3

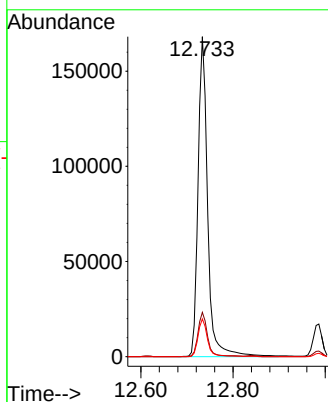
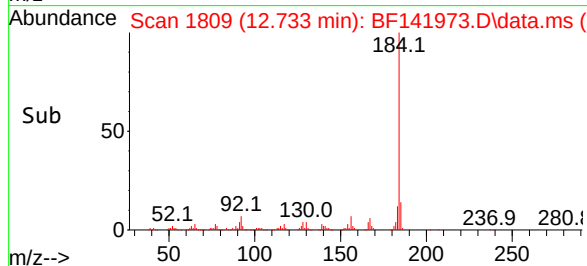
183 11.8 9.7 14.5

Manual Integrations

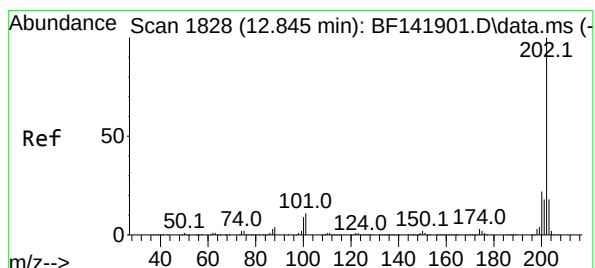
APPROVED

Reviewed By :Anahy Claudio 03/18/2025

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Upadhyay

03/18/2025



#78

Pyrene

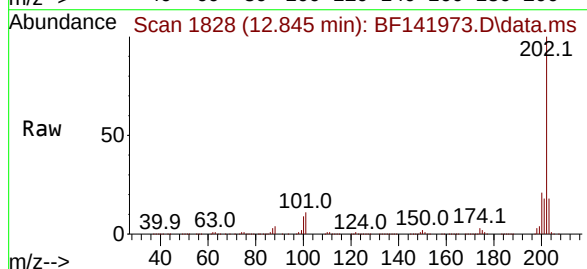
Concen: 33.963 ng

RT: 12.845 min Scan# 1828

Delta R.T. 0.000 min

Lab File: BF141973.D

Acq: 17 Mar 2025 09:39



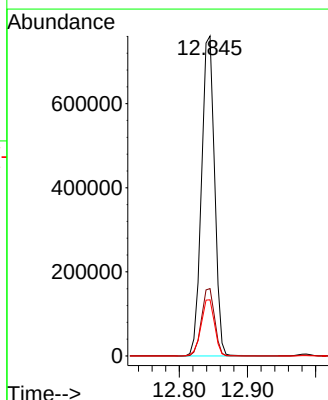
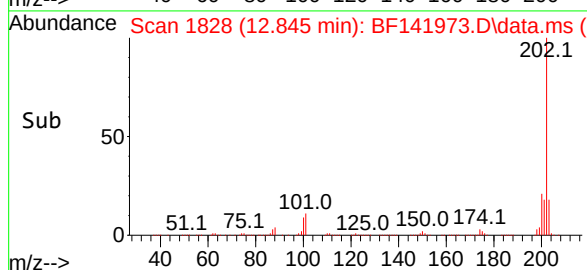
Tgt Ion:202 Resp: 1012708

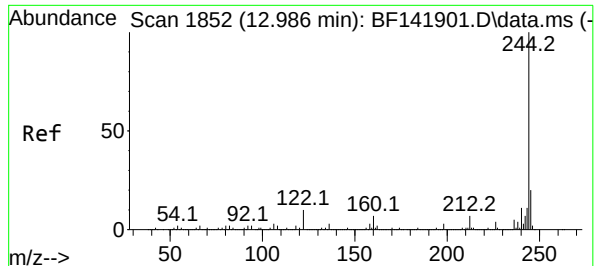
Ion Ratio Lower Upper

202 100

200 21.1 17.3 25.9

203 17.6 14.4 21.6





#79

Terphenyl-d14

Concen: 68.223 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BF141973.D

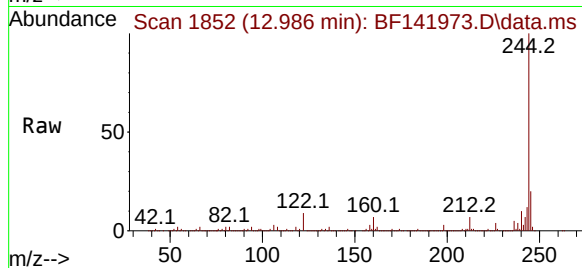
Acq: 17 Mar 2025 09:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:244 Resp: 159067

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

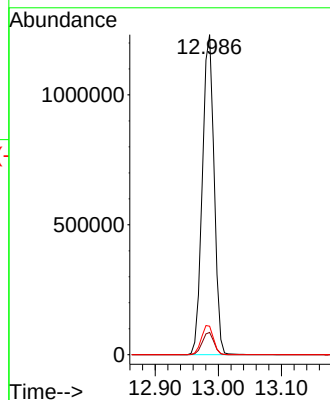
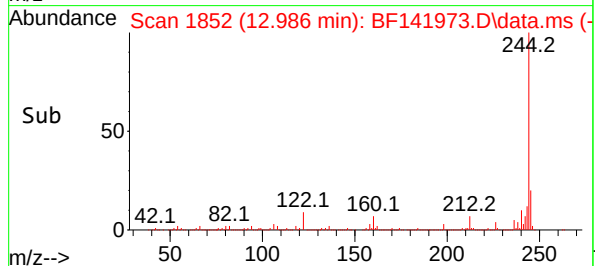
122 8.9 7.7 11.5

Manual Integrations

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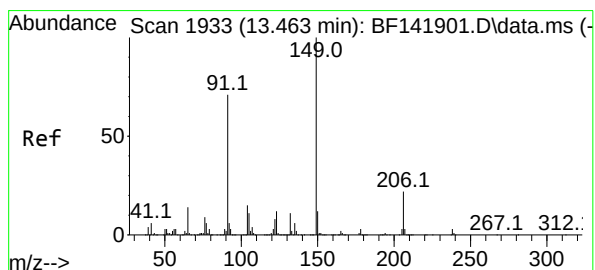
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#80

Butylbenzylphthalate

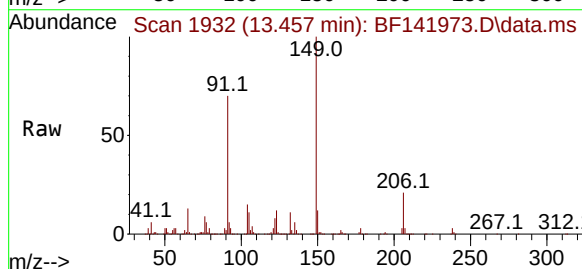
Concen: 35.095 ng

RT: 13.457 min Scan# 1932

Delta R.T. -0.006 min

Lab File: BF141973.D

Acq: 17 Mar 2025 09:39



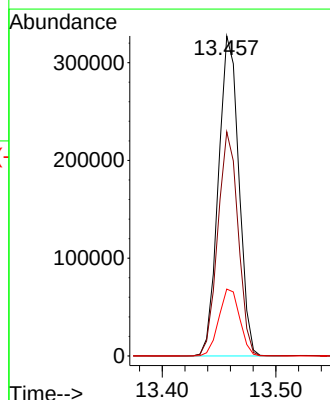
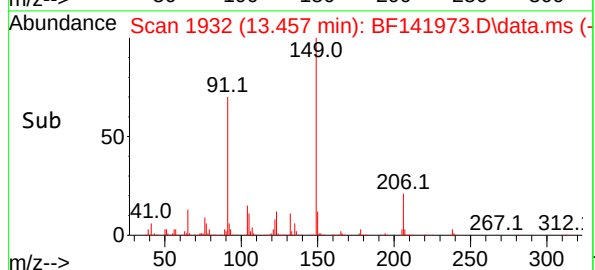
Tgt Ion:149 Resp: 409592

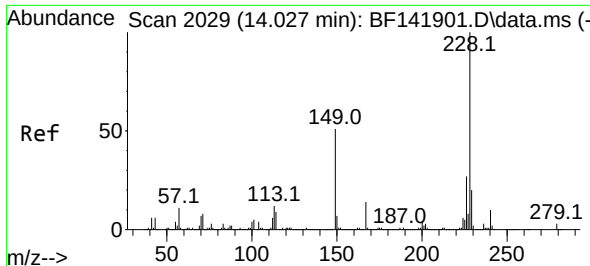
Ion Ratio Lower Upper

149 100

91 70.1 56.5 84.7

206 20.9 17.3 25.9





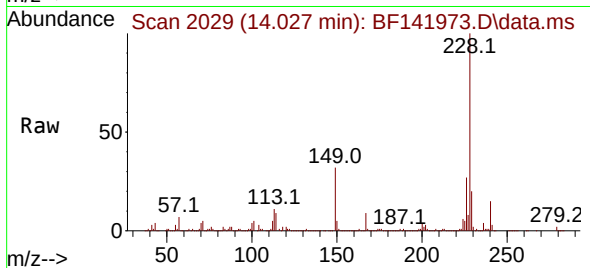
#81
Benzo(a)anthracene
Concen: 37.753 ng
RT: 14.027 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF141973.D
Acq: 17 Mar 2025 09:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

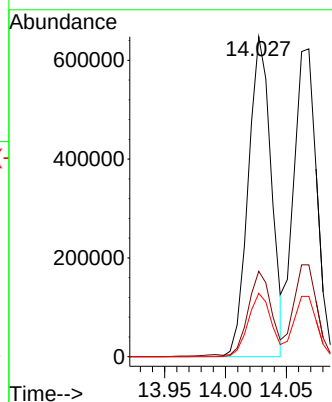
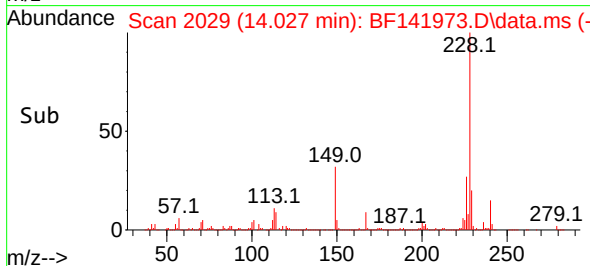


Tgt Ion:228 Resp: 85397
Ion Ratio Lower Upper
228 100
226 26.7 21.8 32.8
229 19.8 16.0 24.0

Manual Integrations

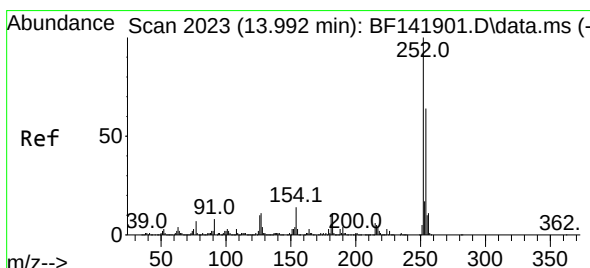
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Supervised By :Jagrut Upadhyay 03/18/2025

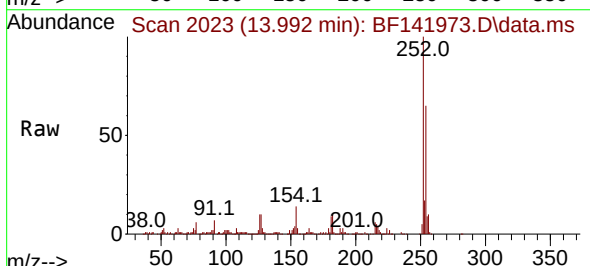


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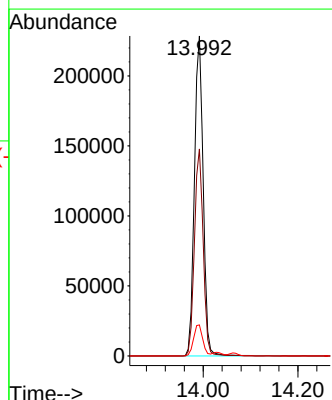
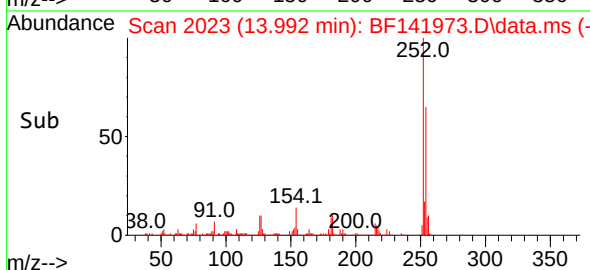
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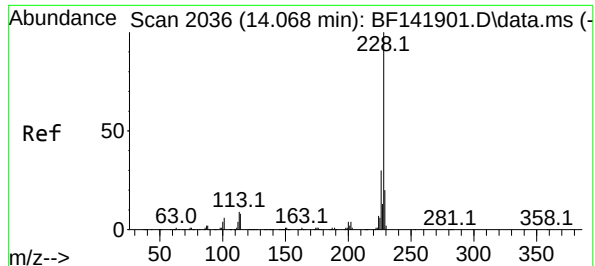


#82
3,3'-Dichlorobenzidine
Concen: 45.008 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF141973.D
Acq: 17 Mar 2025 09:39



Tgt Ion:252 Resp: 294213
Ion Ratio Lower Upper
252 100
254 64.7 51.0 76.6
126 9.7 8.4 12.6





#83

Chrysene

Concen: 40.087 ng

RT: 14.068 min Scan# 2036

Delta R.T. 0.000 min

Lab File: BF141973.D

Acq: 17 Mar 2025 09:39

Instrument :

BNA_F

ClientSampleId :

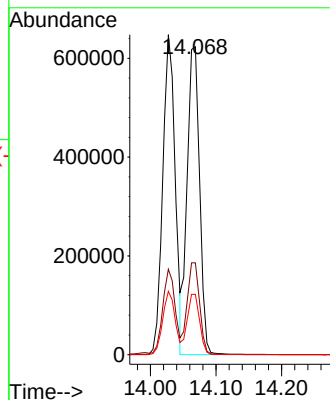
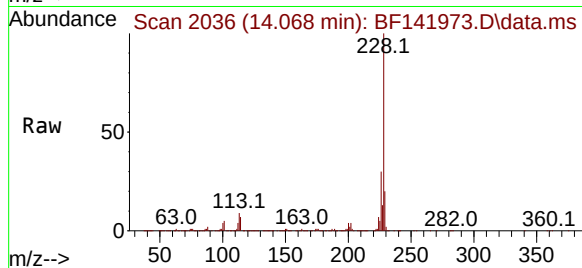
SSTDCCC040

Tgt Ion:	228	Resp:	821964
Ion Ratio	Lower	Upper	
228	100		
226	29.9	24.1	36.1
229	19.6	15.7	23.5

Manual Integrations

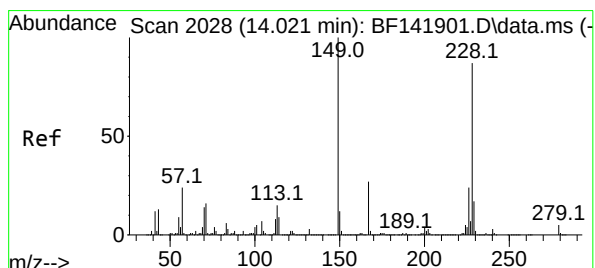
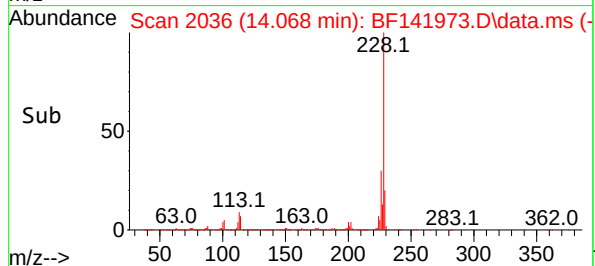
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 Upadhyay

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#84

Bis(2-ethylhexyl)phthalate

Concen: 36.767 ng

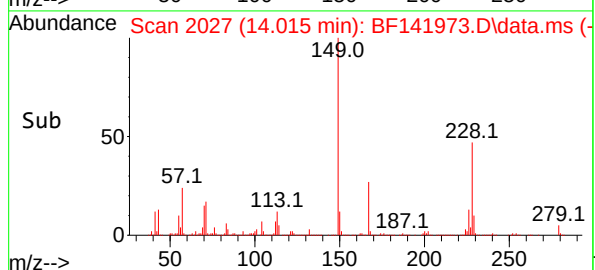
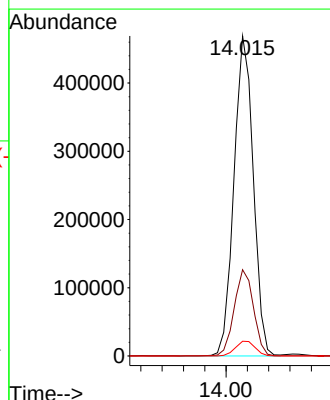
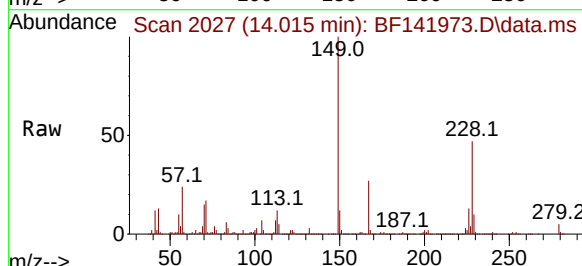
RT: 14.015 min Scan# 2027

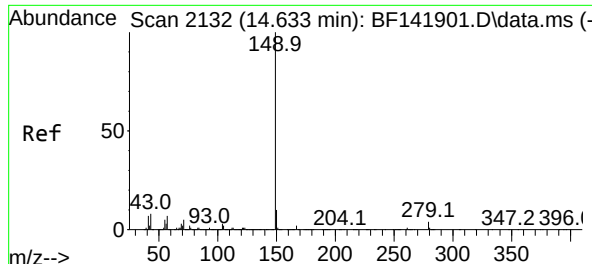
Delta R.T. -0.006 min

Lab File: BF141973.D

Acq: 17 Mar 2025 09:39

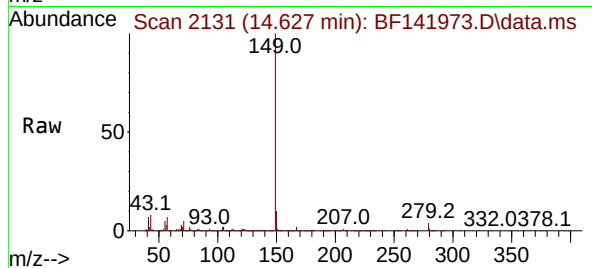
Tgt Ion:	149	Resp:	591646
Ion Ratio	Lower	Upper	
149	100		
167	26.9	21.4	32.0
279	4.6	3.8	5.6





#85
Di-n-octyl phthalate
Concen: 45.078 ng
RT: 14.627 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BF141973.D
Acq: 17 Mar 2025 09:39

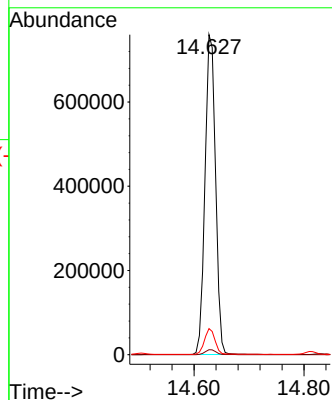
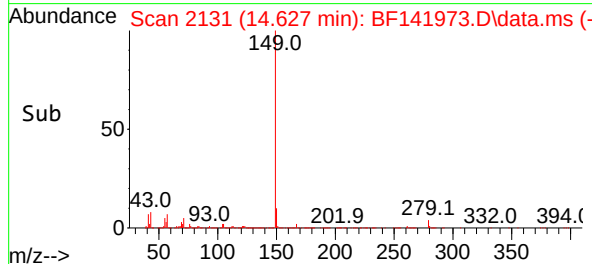
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:149 Resp: 100929
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.1 6.9 10.3

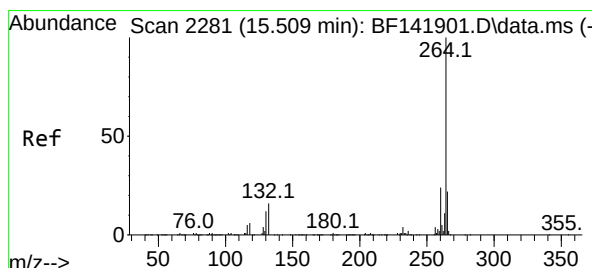
Manual Integrations
APPROVED

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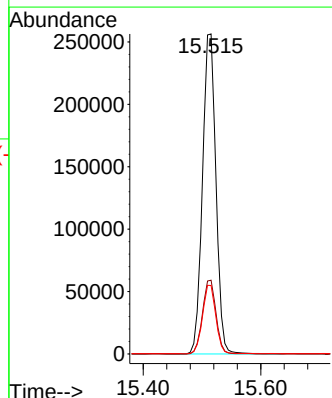
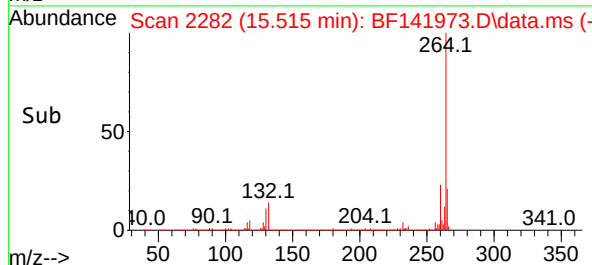
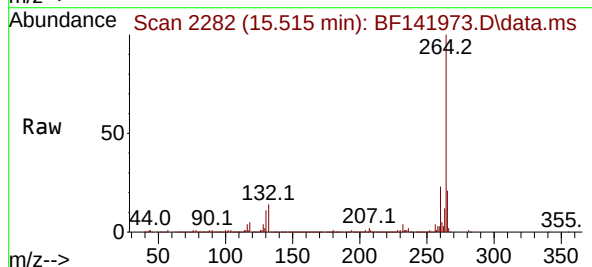
03/18/2025
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Upadhyay

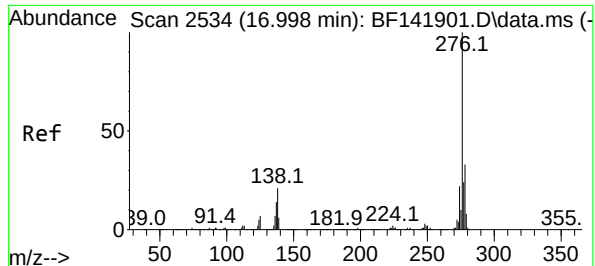
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2282
Delta R.T. 0.006 min
Lab File: BF141973.D
Acq: 17 Mar 2025 09:39

Tgt Ion:264 Resp: 406777
Ion Ratio Lower Upper
264 100
260 23.0 19.1 28.7
265 21.4 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.371 ng

RT: 17.003 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF141973.D

Acq: 17 Mar 2025 09:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:276 Resp: 114124

Ion Ratio Lower Upper

276 100

138 21.5 18.4 27.6

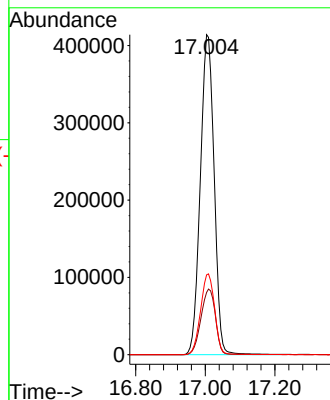
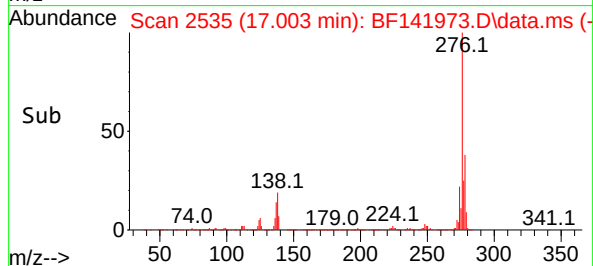
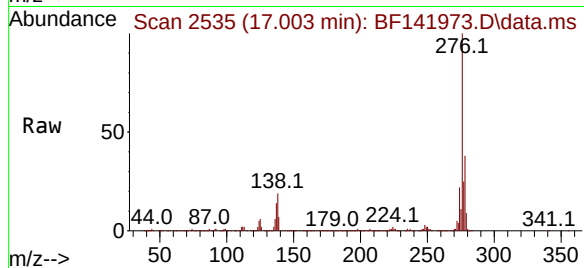
277 25.7 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/18/2025

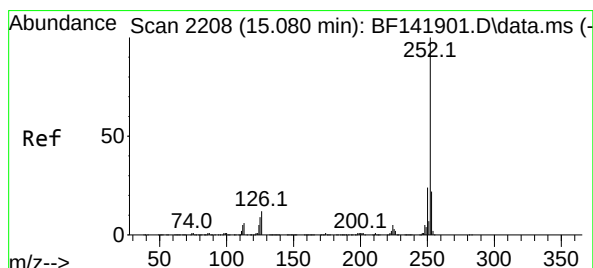
Supervised By :Jagrut Upadhyay 03/18/2025



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03/18/2025



#88

Benzo(b)fluoranthene

Concen: 32.354 ng

RT: 15.080 min Scan# 2208

Delta R.T. 0.000 min

Lab File: BF141973.D

Acq: 17 Mar 2025 09:39

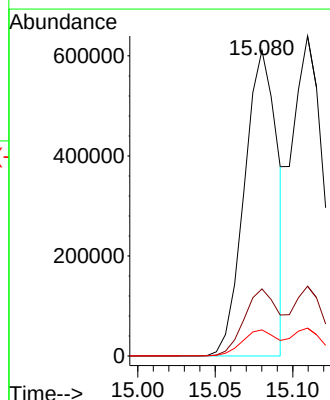
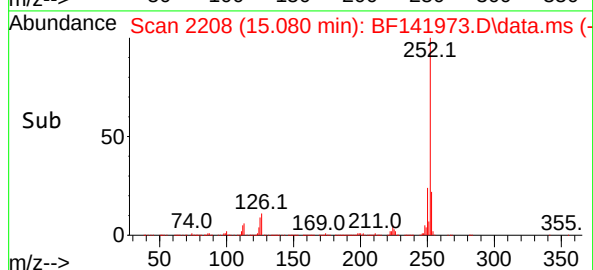
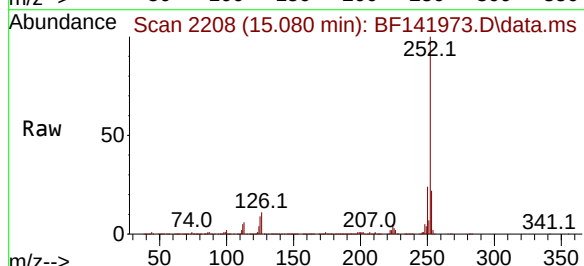
Tgt Ion:252 Resp: 901999

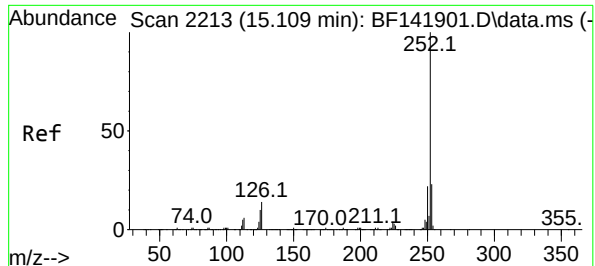
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 8.6 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 37.545 ng m

RT: 15.110 min Scan# 2213

Delta R.T. 0.000 min

Lab File: BF141973.D

Acq: 17 Mar 2025 09:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 89573

Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

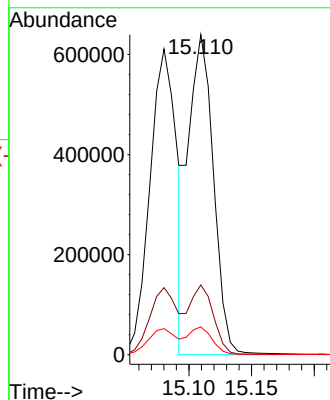
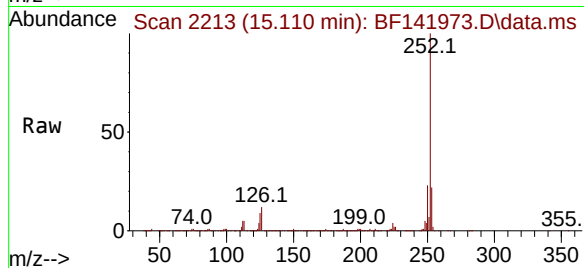
125 8.7 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/18/2025

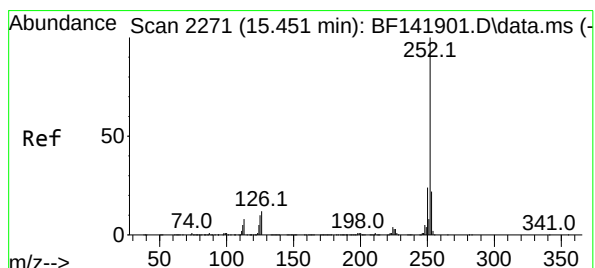
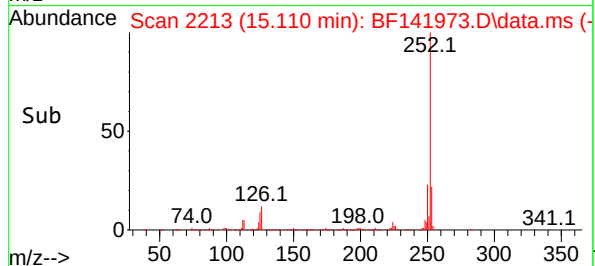
Supervised By :Jagrut Upadhyay 03/18/2025



03/18/2025

Supervised By :Jagrut Upadhyay

03/18/2025



#90

Benzo(a)pyrene

Concen: 37.504 ng

RT: 15.451 min Scan# 2271

Delta R.T. 0.000 min

Lab File: BF141973.D

Acq: 17 Mar 2025 09:39

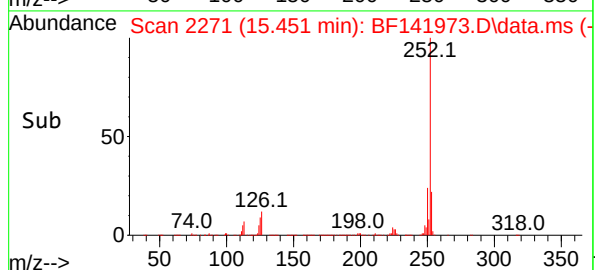
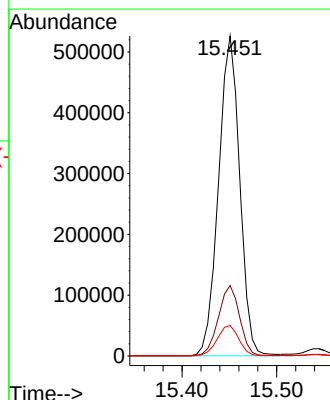
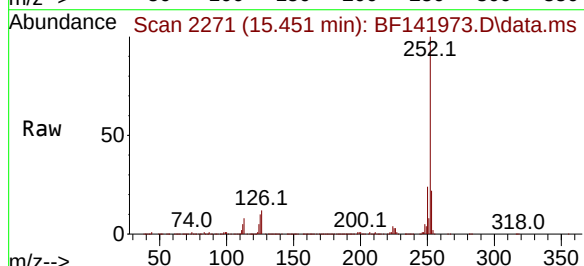
Tgt Ion:252 Resp: 818116

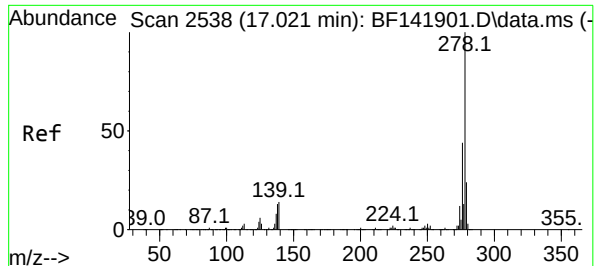
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

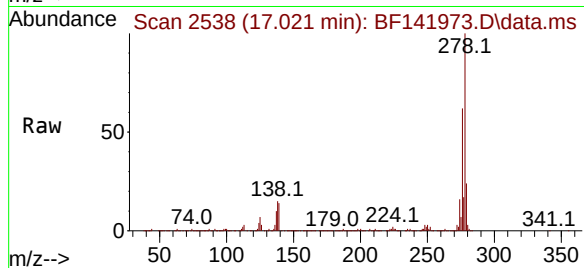
125 9.5 7.8 11.8





#91
Dibenzo(a,h)anthracene
Concen: 43.539 ng
RT: 17.021 min Scan# 2538
Delta R.T. 0.000 min
Lab File: BF141973.D
Acq: 17 Mar 2025 09:39

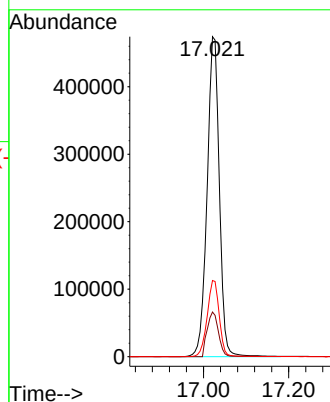
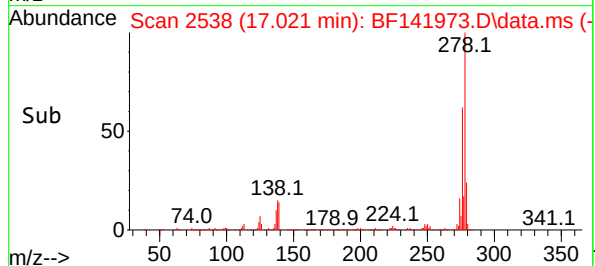
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:278 Resp: 945270
Ion Ratio Lower Upper
278 100
139 13.9 11.4 17.2
279 23.8 18.8 28.2

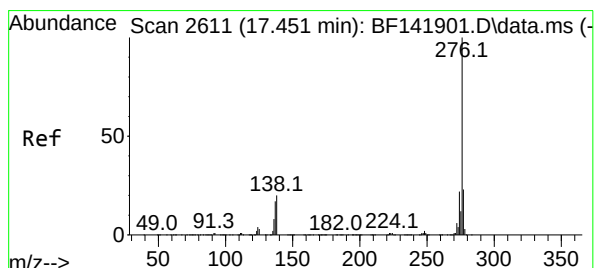
Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



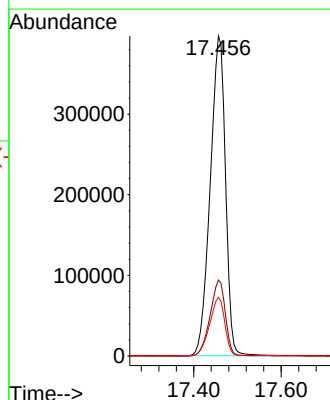
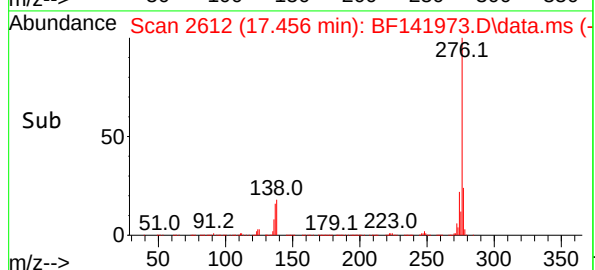
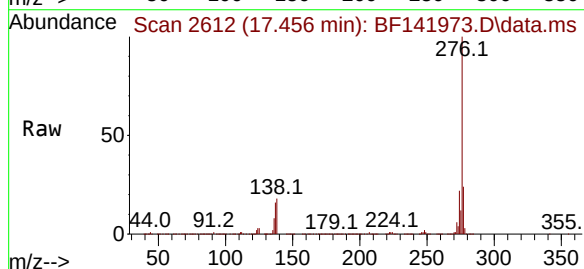
03/18/2025
Supervised By :Jagrut
Upadhyay

03/18/2025



#92
Benzo(g,h,i)perylene
Concen: 44.892 ng
RT: 17.456 min Scan# 2612
Delta R.T. 0.006 min
Lab File: BF141973.D
Acq: 17 Mar 2025 09:39

Tgt Ion:276 Resp: 963148
Ion Ratio Lower Upper
276 100
277 23.8 18.7 28.1
138 18.3 15.8 23.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
 Data File : BF141973.D
 Acq On : 17 Mar 2025 09:39
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Mar 17 10:19:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 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	71	0.00
2	1,4-Dioxane	0.502	0.490	2.4	69	-0.04
3	Pyridine	1.232	1.157	6.1	68	-0.03
4	n-Nitrosodimethylamine	0.587	0.525	10.6	64	-0.04
5 S	2-Fluorophenol	1.198	1.143	4.6	71	0.00
6	Aniline	1.505	1.301	13.6	63	0.00
7 S	Phenol-d6	1.526	1.395	8.6	69	0.00
8	2-Chlorophenol	1.329	1.240	6.7	70	0.00
9	Benzaldehyde	0.853	0.698	18.2	64	0.00
10 C	Phenol	1.605	1.465	8.7	68	0.00
11	bis(2-Chloroethyl)ether	1.205	1.072	11.0	67	0.00
12	1,3-Dichlorobenzene	1.435	1.356	5.5	70	0.00
13 C	1,4-Dichlorobenzene	1.452	1.382	4.8	71	0.00
14	1,2-Dichlorobenzene	1.367	1.302	4.8	71	0.00
15	Benzyl Alcohol	1.233	1.103	10.5	66	0.00
16	2,2'-oxybis(1-Chloropropane	1.455	1.194	17.9	62	0.00
17	2-Methylphenol	1.057	0.929	12.1	66	0.00
18	Hexachloroethane	0.544	0.502	7.7	69	0.00
19 P	n-Nitroso-di-n-propylamine	0.980	0.794	19.0	62	0.00
20	3+4-Methylphenols	1.354	1.184	12.6	65	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	66	0.00
22	Acetophenone	0.479	0.453	5.4	65	0.00
23 S	Nitrobenzene-d5	0.355	0.342	3.7	65	0.00
24	Nitrobenzene	0.353	0.337	4.5	64	0.00
25	Isophorone	0.628	0.555	11.6	61	0.00
26 C	2-Nitrophenol	0.173	0.173	0.0	65	0.00
27	2,4-Dimethylphenol	0.239	0.219	8.4	63	0.00
28	bis(2-Chloroethoxy)methane	0.394	0.352	10.7	62	0.00
29 C	2,4-Dichlorophenol	0.296	0.281	5.1	65	0.00
30	1,2,4-Trichlorobenzene	0.327	0.319	2.4	68	0.00
31	Naphthalene	1.027	0.987	3.9	66	0.00
32	Benzoic acid	0.210	0.213	-1.4	68	-0.01
33	4-Chloroaniline	0.363	0.328	9.6	62	0.00
34 C	Hexachlorobutadiene	0.213	0.209	1.9	68	0.00
35	Caprolactam	0.090	0.076	15.6	60	-0.01
36 C	4-Chloro-3-methylphenol	0.331	0.296	10.6	61	0.00
37	2-Methylnaphthalene	0.687	0.632	8.0	64	0.00
38	1-Methylnaphthalene	0.663	0.607	8.4	64	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	61	0.00
40	1,2,4,5-Tetrachlorobenzene	0.609	0.630	-3.4	64	0.00
41 P	Hexachlorocyclopentadiene	0.238	0.242	-1.7	59	0.00
42 S	2,4,6-Tribromophenol	0.254	0.242	4.7	59	0.00
43 C	2,4,6-Trichlorophenol	0.398	0.397	0.3	60	0.00
44	2,4,5-Trichlorophenol	0.403	0.397	1.5	62	0.00
45 S	2-Fluorobiphenyl	1.315	1.326	-0.8	64	0.00
46	1,1'-Biphenyl	1.520	1.526	-0.4	64	0.00
47	2-Chloronaphthalene	1.133	1.123	0.9	62	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
 Data File : BF141973.D
 Acq On : 17 Mar 2025 09:39
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Mar 17 10:19:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 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	0.328	0.310	5.5	58	0.00
49	Acenaphthylene	1.681	1.647	2.0	61	0.00
50	Dimethylphthalate	1.401	1.315	6.1	60	0.00
51	2,6-Dinitrotoluene	0.292	0.281	3.8	60	0.00
52 C	Acenaphthene	1.181	1.164	1.4	62	0.00
53	3-Nitroaniline	0.296	0.280	5.4	58	0.00
54 P	2,4-Dinitrophenol	0.139	0.138	0.7	59	0.00
55	Dibenzofuran	1.688	1.612	4.5	60	0.00
56 P	4-Nitrophenol	0.223	0.220	1.3	58	0.00
57	2,4-Dinitrotoluene	0.381	0.363	4.7	59	0.00
58	Fluorene	1.302	1.247	4.2	61	0.00
59	2,3,4,6-Tetrachlorophenol	0.367	0.353	3.8	60	0.00
60	Diethylphthalate	1.397	1.280	8.4	58	0.00
61	4-Chlorophenyl-phenylether	0.679	0.653	3.8	61	0.00
62	4-Nitroaniline	0.288	0.271	5.9	57	0.00
63	Azobenzene	1.298	1.187	8.6	58	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	58	0.00
65	4,6-Dinitro-2-methylphenol	0.119	0.121	-1.7	58	0.00
66 c	n-Nitrosodiphenylamine	0.647	0.639	1.2	60	0.00
67	4-Bromophenyl-phenylether	0.251	0.248	1.2	59	0.00
68	Hexachlorobenzene	0.275	0.277	-0.7	59	0.00
69	Atrazine	0.198	0.174	12.1	61	0.00
70 C	Pentachlorophenol	0.170	0.175	-2.9	57	0.00
71	Phenanthrene	1.080	1.047	3.1	58	0.00
72	Anthracene	1.084	1.059	2.3	59	0.00
73	Carbazole	0.935	0.886	5.2	56	0.00
74	Di-n-butylphthalate	1.240	1.152	7.1	57	0.00
75 C	Fluoranthene	1.146	1.043	9.0	54	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	60	0.00
77	Benzydine	0.279	0.353	-26.5#	59	0.00
78	Pyrene	1.730	1.469	15.1	55	0.00
79 S	Terphenyl-d14	1.353	1.154	14.7	55	0.00
80	Butylbenzylphthalate	0.677	0.594	12.3	55	0.00
81	Benzo(a)anthracene	1.312	1.239	5.6	59	0.00
82	3,3'-Dichlorobenzidine	0.379	0.427	-12.7	69	0.00
83	Chrysene	1.190	1.192	-0.2	63	0.00
84	Bis(2-ethylhexyl)phthalate	0.934	0.858	8.1	57	0.00
85 c	Di-n-octyl phthalate	1.299	1.464	-12.7	70	0.00
86 I	Perylene-d12	1.000	1.000	0.0	87	0.00
87	Indeno(1,2,3-cd)pyrene	1.294	1.403	-8.4	95	0.00
88	Benzo(b)fluoranthene	1.371	1.109	19.1	79	0.00
89	Benzo(k)fluoranthene	1.173	1.101	6.1	79	0.00
90 C	Benzo(a)pyrene	1.073	1.006	6.2	84	0.00
91	Dibenzo(a,h)anthracene	1.067	1.162	-8.9	94	0.00
92	Benzo(g,h,i)perylene	1.055	1.184	-12.2	96	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
Data File : BF141973.D
Acq On : 17 Mar 2025 09:39
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Mar 17 10:19:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 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_F\Data\BF031725\
 Data File : BF141973.D
 Acq On : 17 Mar 2025 09:39
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Mar 17 10:19:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 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	71	0.00
2	1,4-Dioxane	40.000	39.043	2.4	69	-0.04
3	Pyridine	40.000	37.587	6.0	68	-0.03
4	n-Nitrosodimethylamine	40.000	35.785	10.5	64	-0.04
5 S	2-Fluorophenol	80.000	76.309	4.6	71	0.00
6	Aniline	40.000	34.585	13.5	63	0.00
7 S	Phenol-d6	80.000	73.148	8.6	69	0.00
8	2-Chlorophenol	40.000	37.323	6.7	70	0.00
9	Benzaldehyde	40.000	32.738	18.2	64	0.00
10 C	Phenol	40.000	36.514	8.7	68	0.00
11	bis(2-Chloroethyl)ether	40.000	35.575	11.1	67	0.00
12	1,3-Dichlorobenzene	40.000	37.789	5.5	70	0.00
13 C	1,4-Dichlorobenzene	40.000	38.067	4.8	71	0.00
14	1,2-Dichlorobenzene	40.000	38.087	4.8	71	0.00
15	Benzyl Alcohol	40.000	35.752	10.6	66	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	32.809	18.0	62	0.00
17	2-Methylphenol	40.000	35.168	12.1	66	0.00
18	Hexachloroethane	40.000	36.918	7.7	69	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	32.376	19.1	62	0.00
20	3+4-Methylphenols	40.000	34.985	12.5	65	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	66	0.00
22	Acetophenone	40.000	37.809	5.5	65	0.00
23 S	Nitrobenzene-d5	80.000	77.089	3.6	65	0.00
24	Nitrobenzene	40.000	38.121	4.7	64	0.00
25	Isophorone	40.000	35.337	11.7	61	0.00
26 C	2-Nitrophenol	40.000	39.909	0.2	65	0.00
27	2,4-Dimethylphenol	40.000	36.692	8.3	63	0.00
28	bis(2-Chloroethoxy)methane	40.000	35.757	10.6	62	0.00
29 C	2,4-Dichlorophenol	40.000	37.924	5.2	65	0.00
30	1,2,4-Trichlorobenzene	40.000	39.102	2.2	68	0.00
31	Naphthalene	40.000	38.432	3.9	66	0.00
32	Benzoic acid	40.000	40.672	-1.7	68	-0.01
33	4-Chloroaniline	40.000	36.225	9.4	62	0.00
34 C	Hexachlorobutadiene	40.000	39.224	1.9	68	0.00
35	Caprolactam	40.000	33.803	15.5	60	-0.01
36 C	4-Chloro-3-methylphenol	40.000	35.814	10.5	61	0.00
37	2-Methylnaphthalene	40.000	36.793	8.0	64	0.00
38	1-Methylnaphthalene	40.000	36.656	8.4	64	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	61	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	41.380	-3.5	64	0.00
41 P	Hexachlorocyclopentadiene	40.000	40.620	-1.5	59	0.00
42 S	2,4,6-Tribromophenol	80.000	76.439	4.5	59	0.00
43 C	2,4,6-Trichlorophenol	40.000	39.924	0.2	60	0.00
44	2,4,5-Trichlorophenol	40.000	39.396	1.5	62	0.00
45 S	2-Fluorobiphenyl	80.000	80.672	-0.8	64	0.00
46	1,1'-Biphenyl	40.000	40.171	-0.4	64	0.00
47	2-Chloronaphthalene	40.000	39.662	0.8	62	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
 Data File : BF141973.D
 Acq On : 17 Mar 2025 09:39
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Mar 17 10:19:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 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	37.806	5.5	58	0.00
49	Acenaphthylene	40.000	39.195	2.0	61	0.00
50	Dimethylphthalate	40.000	37.563	6.1	60	0.00
51	2,6-Dinitrotoluene	40.000	38.518	3.7	60	0.00
52 C	Acenaphthene	40.000	39.431	1.4	62	0.00
53	3-Nitroaniline	40.000	37.911	5.2	58	0.00
54 P	2,4-Dinitrophenol	40.000	37.186	7.0	59	0.00
55	Dibenzofuran	40.000	38.193	4.5	60	0.00
56 P	4-Nitrophenol	40.000	39.471	1.3	58	0.00
57	2,4-Dinitrotoluene	40.000	38.162	4.6	59	0.00
58	Fluorene	40.000	38.313	4.2	61	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	38.540	3.7	60	0.00
60	Diethylphthalate	40.000	36.665	8.3	58	0.00
61	4-Chlorophenyl-phenylether	40.000	38.465	3.8	61	0.00
62	4-Nitroaniline	40.000	37.650	5.9	57	0.00
63	Azobenzene	40.000	36.583	8.5	58	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	58	0.00
65	4,6-Dinitro-2-methylphenol	40.000	40.518	-1.3	58	0.00
66 c	n-Nitrosodiphenylamine	40.000	39.510	1.2	60	0.00
67	4-Bromophenyl-phenylether	40.000	39.532	1.2	59	0.00
68	Hexachlorobenzene	40.000	40.165	-0.4	59	0.00
69	Atrazine	40.000	35.096	12.3	61	0.00
70 C	Pentachlorophenol	40.000	41.253	-3.1	57	0.00
71	Phenanthrene	40.000	38.767	3.1	58	0.00
72	Anthracene	40.000	39.103	2.2	59	0.00
73	Carbazole	40.000	37.924	5.2	56	0.00
74	Di-n-butylphthalate	40.000	37.166	7.1	57	0.00
75 C	Fluoranthene	40.000	36.402	9.0	54	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	60	0.00
77	Benzydine	40.000	50.584	-26.5#	59	0.00
78	Pyrene	40.000	33.963	15.1	55	0.00
79 S	Terphenyl-d14	80.000	68.223	14.7	55	0.00
80	Butylbenzylphthalate	40.000	35.095	12.3	55	0.00
81	Benzo(a)anthracene	40.000	37.753	5.6	59	0.00
82	3,3'-Dichlorobenzidine	40.000	45.008	-12.5	69	0.00
83	Chrysene	40.000	40.087	-0.2	63	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	36.767	8.1	57	0.00
85 c	Di-n-octyl phthalate	40.000	45.078	-12.7	70	0.00
86 I	Perylene-d12	20.000	20.000	0.0	87	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	43.371	-8.4	95	0.00
88	Benzo(b)fluoranthene	40.000	32.354	19.1	79	0.00
89	Benzo(k)fluoranthene	40.000	37.545	6.1	79	0.00
90 C	Benzo(a)pyrene	40.000	37.504	6.2	84	0.00
91	Dibenzo(a,h)anthracene	40.000	43.539	-8.8	94	0.00
92	Benzo(g,h,i)perylene	40.000	44.892	-12.2	96	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
Data File : BF141973.D
Acq On : 17 Mar 2025 09:39
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Mar 17 10:19:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 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.: Q1574 SAS No.: Q1574 SDG No.: Q1574

Instrument ID: BNA_P Calibration Date/Time: 03/18/2025 09:46

Lab File ID: BP024179.D Init. Calib. Date(s): 03/12/2025 03/12/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 16:17 21:02

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.253	1.217		-2.9	
Benzaldehyde	0.809	0.676		-16.4	
Phenol-d6	1.675	1.667		-0.5	
Phenol	1.691	1.667		-1.4	20.0
bis(2-Chloroethyl)ether	1.334	1.303		-2.3	
2-Chlorophenol	1.353	1.312		-3.0	
2-Methylphenol	1.061	1.057		-0.4	
2,2-oxybis(1-Chloropropane)	1.361	1.381		1.5	
Acetophenone	0.506	0.499		-1.4	
3+4-Methylphenols	1.457	1.457		0.0	
n-Nitroso-di-n-propylamine	0.972	1.009	0.050	3.8	
Nitrobenzene-d5	0.354	0.354		0.0	
Hexachloroethane	0.529	0.513		-3.0	
Nitrobenzene	0.350	0.348		-0.6	
Isophorone	0.608	0.611		0.5	
2-Nitrophenol	0.167	0.167		0.0	20.0
2,4-Dimethylphenol	0.215	0.211		-1.9	
bis(2-Chloroethoxy)methane	0.427	0.426		-0.2	
2,4-Dichlorophenol	0.291	0.291		0.0	20.0
Naphthalene	1.060	1.026		-3.2	
4-Chloroaniline	0.379	0.383		1.1	
Hexachlorobutadiene	0.185	0.177		-4.3	20.0
Caprolactam	0.095	0.100		5.3	
4-Chloro-3-methylphenol	0.313	0.322		2.9	20.0
2-Methylnaphthalene	0.716	0.714		-0.3	
Hexachlorocyclopentadiene	0.208	0.203	0.050	-2.4	
2,4,6-Trichlorophenol	0.367	0.359		-2.2	20.0
2-Fluorobiphenyl	1.356	1.320		-2.7	
2,4,5-Trichlorophenol	0.403	0.402		-0.2	
1,1-Biphenyl	1.503	1.456		-3.1	
2-Chloronaphthalene	1.130	1.087		-3.8	
2-Nitroaniline	0.289	0.301		4.2	
Dimethylphthalate	1.399	1.368		-2.2	
Acenaphthylene	1.710	1.690		-1.2	
2,6-Dinitrotoluene	0.294	0.293		-0.3	
3-Nitroaniline	0.318	0.331		4.1	
Acenaphthene	1.093	1.065		-2.6	20.0
2,4-Dinitrophenol	0.156	0.161	0.050	3.2	
4-Nitrophenol	0.266	0.281	0.050	5.6	



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Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1574 SAS No.: Q1574 SDG No.: Q1574

Instrument ID: BNA_P Calibration Date/Time: 03/18/2025 09:46

Lab File ID: BP024179.D Init. Calib. Date(s): 03/12/2025 03/12/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 16:17 21:02

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.770	1.741		-1.6	
2,4-Dinitrotoluene	0.389	0.401		3.1	
Diethylphthalate	1.394	1.408		1.0	
4-Chlorophenyl-phenylether	0.676	0.671		-0.7	
Fluorene	1.379	1.385		0.4	
4-Nitroaniline	0.334	0.352		5.4	
4,6-Dinitro-2-methylphenol	0.119	0.117		-1.7	
n-Nitrosodiphenylamine	0.607	0.600		-1.2	20.0
2,4,6-Tribromophenol	0.252	0.254		0.8	
4-Bromophenyl-phenylether	0.220	0.212		-3.6	
Hexachlorobenzene	0.260	0.250		-3.8	
Atrazine	0.147	0.131		-10.9	
Pentachlorophenol	0.168	0.172		2.4	20.0
Phenanthrene	1.093	1.063		-2.7	
Anthracene	1.064	1.047		-1.6	
Carbazole	1.026	1.032		0.6	
Di-n-butylphthalate	1.218	1.253		2.9	
Fluoranthene	1.265	1.284		1.5	20.0
Pyrene	1.243	1.202		-3.3	
Terphenyl-d14	0.969	0.961		-0.8	
Butylbenzylphthalate	0.513	0.508		-1.0	
3,3-Dichlorobenzidine	0.417	0.422		1.2	
Benzo (a) anthracene	1.243	1.219		-1.9	
Chrysene	1.195	1.150		-3.8	
Bis(2-ethylhexyl)phthalate	0.774	0.793		2.5	
Di-n-octyl phthalate	1.240	1.245		0.4	20.0
Benzo (b) fluoranthene	1.206	1.185		-1.7	
Benzo (k) fluoranthene	1.180	1.161		-1.6	
Benzo (a) pyrene	1.049	1.027		-2.1	20.0
Indeno (1,2,3-cd) pyrene	1.396	1.357		-2.8	
Dibenzo (a,h) anthracene	1.161	1.123		-3.3	
Benzo (g,h,i) perylene	1.180	1.148		-2.7	
1,2,4,5-Tetrachlorobenzene	0.578	0.548		-5.2	
1,4-Dioxane	0.497	0.477		-4.0	20.0
2,3,4,6-Tetrachlorophenol	0.356	0.353		-0.8	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031825\
 Data File : BP024179.D
 Acq On : 18 Mar 2025 09:46
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 18 11:07:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 05:55:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	345886	20.000	ng	0.00
21) Naphthalene-d8	10.546	136	1431681	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	884889	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	1703415	20.000	ng	0.00
76) Chrysene-d12	21.663	240	1890510	20.000	ng	0.00
86) Perylene-d12	25.068	264	2037052	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1684007	77.718	ng	0.00
7) Phenol-d6	6.946	99	2306130	79.587	ng	0.00
23) Nitrobenzene-d5	8.916	82	2024575	79.786	ng	0.00
42) 2,4,6-Tribromophenol	15.922	330	900293	80.771	ng	0.00
45) 2-Fluorobiphenyl	13.016	172	4673436	77.875	ng	0.00
79) Terphenyl-d14	19.945	244	7265750	79.334	ng	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.317	88	330202	38.444	ng	98
3) Pyridine	3.711	79	934647	39.805	ng	98
4) n-Nitrosodimethylamine	3.617	42	317162	40.436	ng	95
6) Aniline	7.105	93	1062032	40.229	ng	98
8) 2-Chlorophenol	7.340	128	907280	38.764	ng	99
9) Benzaldehyde	6.916	77	467306	33.419	ng	97
10) Phenol	6.975	94	1153195	39.423	ng	100
11) bis(2-Chloroethyl)ether	7.193	93	901291	39.071	ng	98
12) 1,3-Dichlorobenzene	7.657	146	973406	38.567	ng	99
13) 1,4-Dichlorobenzene	7.799	146	987859	38.333	ng	98
14) 1,2-Dichlorobenzene	8.116	146	947345	38.308	ng	100
15) Benzyl Alcohol	8.005	79	737493	40.202	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.287	45	954998	40.563	ng	97
17) 2-Methylphenol	8.210	107	731525	39.881	ng	99
18) Hexachloroethane	8.840	117	355129	38.843	ng	99
19) n-Nitroso-di-n-propyla...	8.569	70	697909	41.517	ng	99
20) 3+4-Methylphenols	8.534	107	1007784	39.991	ng	99
22) Acetophenone	8.581	105	1428762	39.473	ng	99
24) Nitrobenzene	8.957	77	995161	39.755	ng	99
25) Isophorone	9.481	82	1748490	40.198	ng	100
26) 2-Nitrophenol	9.663	139	476963	39.890	ng	98
27) 2,4-Dimethylphenol	9.728	122	605571	39.386	ng	98
28) bis(2-Chloroethoxy)met...	9.957	93	1219055	39.838	ng	99
29) 2,4-Dichlorophenol	10.199	162	832852	40.042	ng	99
30) 1,2,4-Trichlorobenzene	10.410	180	878875	38.246	ng	100
31) Naphthalene	10.593	128	2938614	38.721	ng	100
32) Benzoic acid	9.869	122	599657	39.990	ng	98
33) 4-Chloroaniline	10.710	127	1095344	40.331	ng	100
34) Hexachlorobutadiene	10.881	225	506933	38.331	ng	99
35) Caprolactam	11.493	113	287697	42.205	ng	97
36) 4-Chloro-3-methylphenol	11.834	107	923366	41.152	ng	99
37) 2-Methylnaphthalene	12.210	142	2043085	39.849	ng	100
38) 1-Methylnaphthalene	12.428	142	1973244	39.570	ng	99
40) 1,2,4,5-Tetrachloroben...	12.581	216	970315	37.933	ng	100
41) Hexachlorocyclopentadiene	12.563	237	358938	38.928	ng	99
43) 2,4,6-Trichlorophenol	12.822	196	636076	39.128	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031825\
 Data File : BP024179.D
 Acq On : 18 Mar 2025 09:46
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

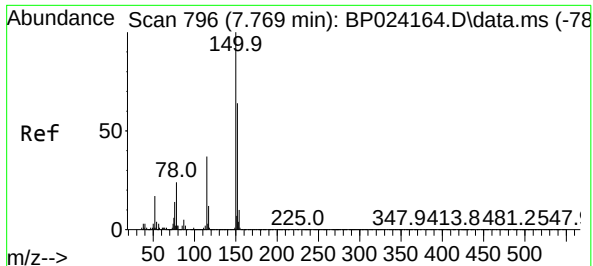
Quant Time: Mar 18 11:07:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 05:55:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.898	196	712074	39.942	ng	99
46) 1,1'-Biphenyl	13.222	154	2577343	38.760	ng	99
47) 2-Chloronaphthalene	13.263	162	1924571	38.479	ng	99
48) 2-Nitroaniline	13.469	65	532768	41.647	ng	95
49) Acenaphthylene	14.116	152	2990433	39.514	ng	100
50) Dimethylphthalate	13.857	163	2420348	39.090	ng	100
51) 2,6-Dinitrotoluene	13.969	165	518178	39.775	ng	95
52) Acenaphthene	14.469	154	1885077	38.985	ng	100
53) 3-Nitroaniline	14.304	138	585180	41.588	ng	96
54) 2,4-Dinitrophenol	14.516	184	285779	41.457	ng	94
55) Dibenzofuran	14.810	168	3081319	39.341	ng	100
56) 4-Nitrophenol	14.628	139	496832	42.258	ng	96
57) 2,4-Dinitrotoluene	14.769	165	708957	41.199	ng	98
58) Fluorene	15.469	166	2450487	40.155	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.039	232	625401	39.705	ng	99
60) Diethylphthalate	15.245	149	2492057	40.417	ng	99
61) 4-Chlorophenyl-phenyle...	15.469	204	1186961	39.656	ng	99
62) 4-Nitroaniline	15.492	138	622117	42.156	ng	99
63) Azobenzene	15.763	77	2394485	41.202	ng	98
65) 4,6-Dinitro-2-methylph...	15.551	198	398060	39.363	ng	99
66) n-Nitrosodiphenylamine	15.686	169	2043640	39.508	ng	99
67) 4-Bromophenyl-phenylether	16.375	248	720854	38.544	ng	98
68) Hexachlorobenzene	16.504	284	853222	38.545	ng	97
69) Atrazine	16.657	200	447764	35.864	ng	99
70) Pentachlorophenol	16.851	266	586080	40.942	ng	100
71) Phenanthrene	17.251	178	3622819	38.931	ng	100
72) Anthracene	17.345	178	3565540	39.340	ng	100
73) Carbazole	17.622	167	3515758	40.224	ng	100
74) Di-n-butylphthalate	18.222	149	4268189	41.136	ng	100
75) Fluoranthene	19.333	202	4375962	40.602	ng	99
77) Benzidine	19.533	184	1304135	63.094	ng	100
78) Pyrene	19.710	202	4545700	38.676	ng	100
80) Butylbenzylphthalate	20.669	149	1920845	39.631	ng	97
81) Benzo(a)anthracene	21.639	228	4608321	39.207	ng	99
82) 3,3'-Dichlorobenzidine	21.580	252	1596696	40.532	ng	99
83) Chrysene	21.716	228	4346749	38.470	ng	99
84) Bis(2-ethylhexyl)phtha...	21.592	149	2996619	40.975	ng	99
85) Di-n-octyl phthalate	22.886	149	4707992	40.179	ng	99
87) Indeno(1,2,3-cd)pyrene	28.921	276	5528343	38.885	ng	99
88) Benzo(b)fluoranthene	23.980	252	4829147	39.318	ng	99
89) Benzo(k)fluoranthene	24.051	252	4728060	39.354	ng	100
90) Benzo(a)pyrene	24.898	252	4184370	39.179	ng	99
91) Dibenzo(a,h)anthracene	28.998	278	4575949	38.688	ng	99
92) Benzo(g,h,i)perylene	30.109	276	4677397	38.902	ng	100

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

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

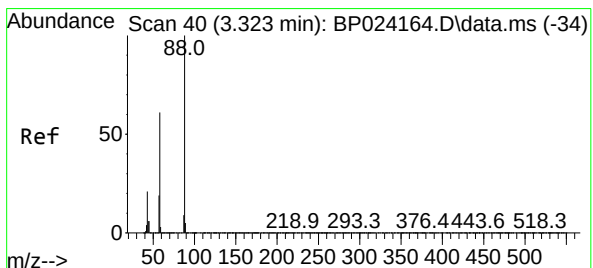
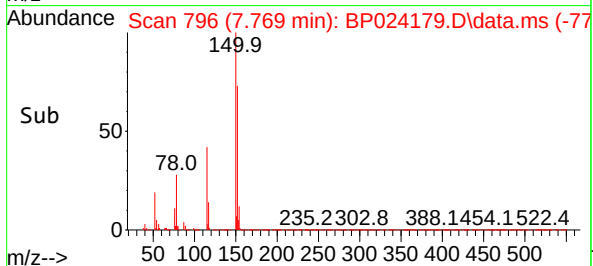
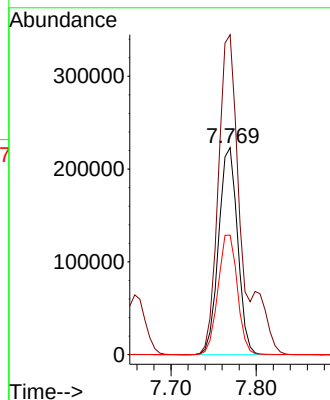
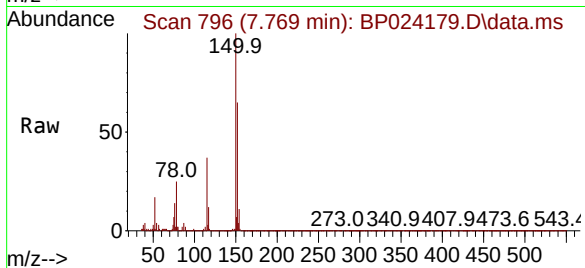
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 796
Delta R.T. 0.000 min
Lab File: BP024179.D
Acq: 18 Mar 2025 09:46

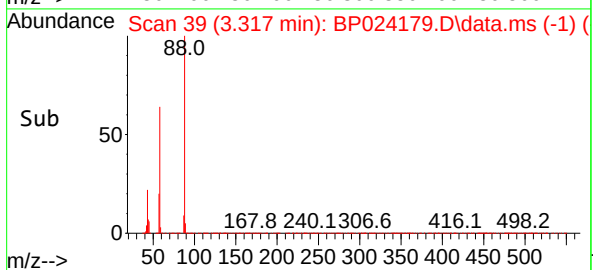
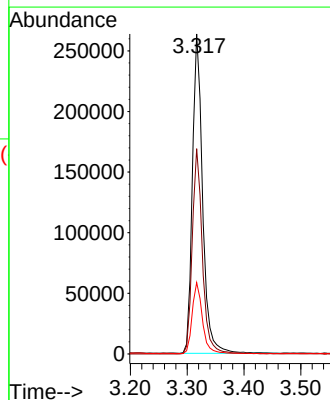
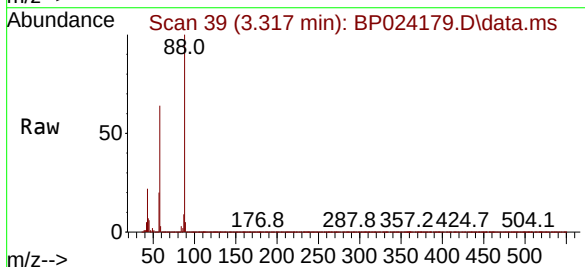
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

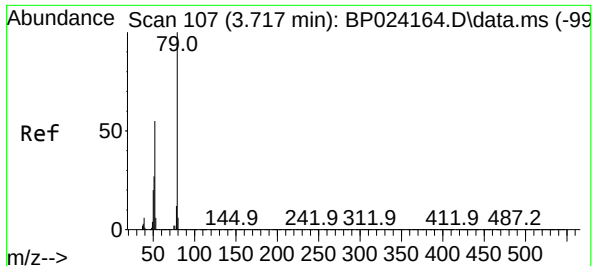
Tgt Ion:152 Resp: 345886
Ion Ratio Lower Upper
152 100
150 154.5 125.5 188.3
115 57.7 46.3 69.5



#2
1,4-Dioxane
Concen: 38.444 ng
RT: 3.317 min Scan# 39
Delta R.T. -0.006 min
Lab File: BP024179.D
Acq: 18 Mar 2025 09:46

Tgt Ion: 88 Resp: 330202
Ion Ratio Lower Upper
88 100
58 63.7 49.8 74.6
43 22.3 17.3 25.9

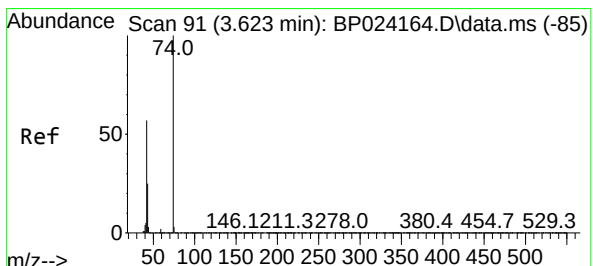
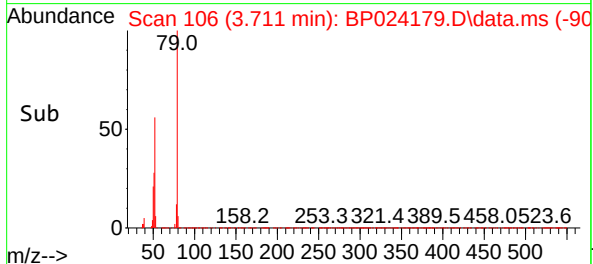
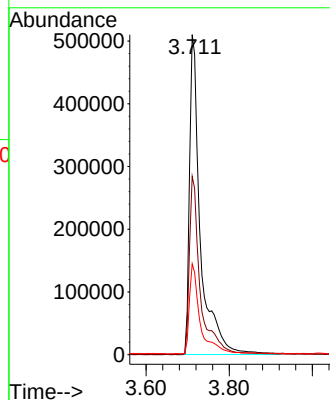
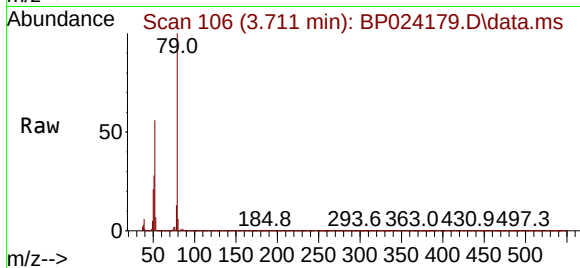




#3
Pyridine
Concen: 39.805 ng
RT: 3.711 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP024179.D
Acq: 18 Mar 2025 09:46

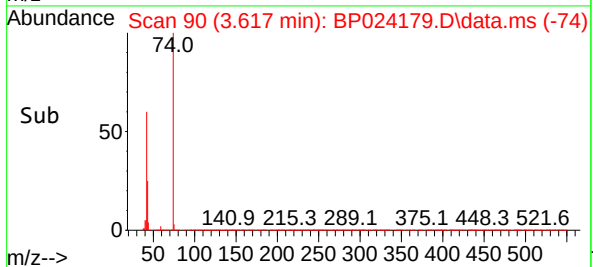
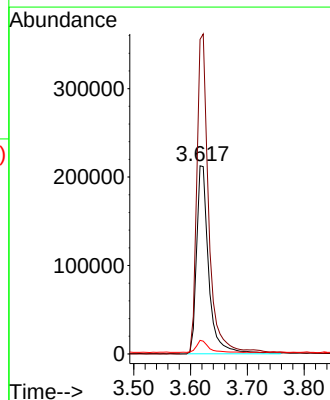
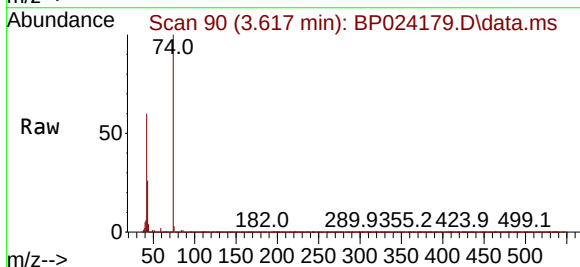
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

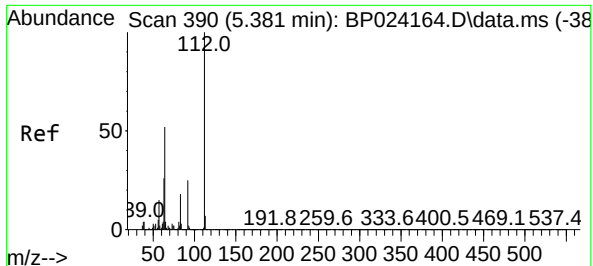
Tgt Ion: 79 Resp: 934647
Ion Ratio Lower Upper
79 100
52 55.8 43.8 65.8
51 28.4 21.6 32.4



#4
n-Nitrosodimethylamine
Concen: 40.436 ng
RT: 3.617 min Scan# 90
Delta R.T. -0.006 min
Lab File: BP024179.D
Acq: 18 Mar 2025 09:46

Tgt Ion: 42 Resp: 317162
Ion Ratio Lower Upper
42 100
74 167.2 139.8 209.6
44 7.2 5.3 7.9

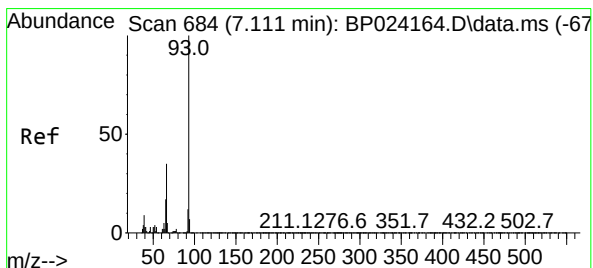
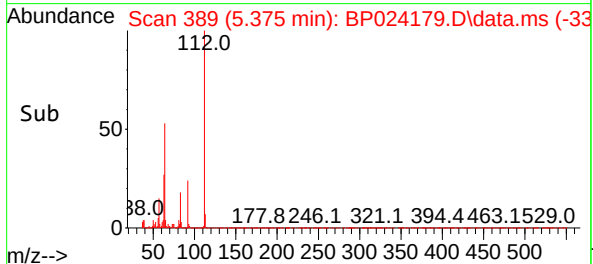
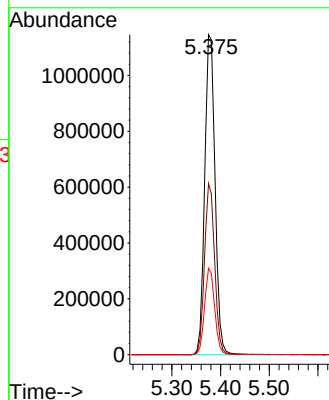
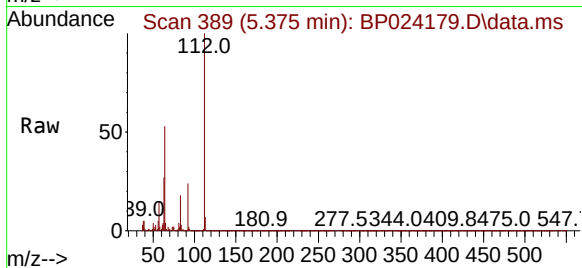




#5
2-Fluorophenol
Concen: 77.718 ng
RT: 5.375 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP024179.D
Acq: 18 Mar 2025 09:46

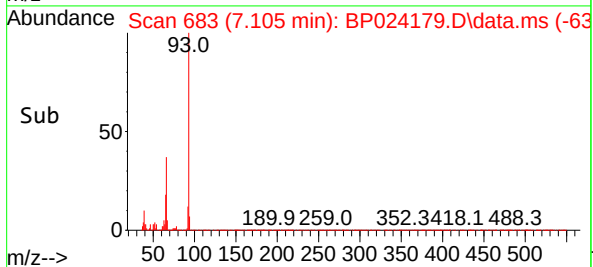
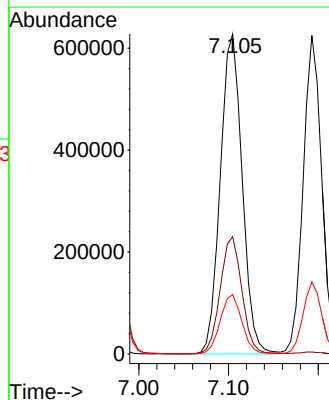
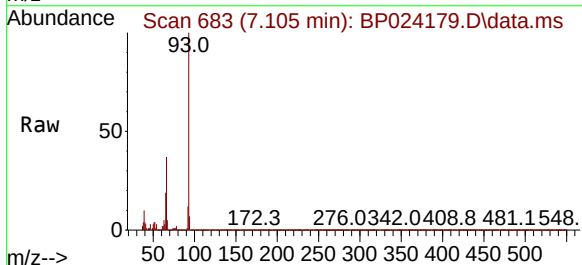
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

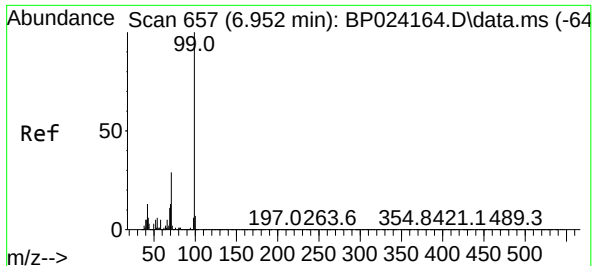
Tgt Ion:112 Resp: 1684007
Ion Ratio Lower Upper
112 100
64 53.5 41.3 61.9
63 27.0 20.6 31.0



#6
Aniline
Concen: 40.229 ng
RT: 7.105 min Scan# 683
Delta R.T. -0.006 min
Lab File: BP024179.D
Acq: 18 Mar 2025 09:46

Tgt Ion: 93 Resp: 1062032
Ion Ratio Lower Upper
93 100
66 36.7 28.2 42.2
65 18.5 14.0 21.0





#7

Phenol-d6

Concen: 79.587 ng

RT: 6.946 min Scan# 61

Delta R.T. -0.006 min

Lab File: BP024179.D

Acq: 18 Mar 2025 09:46

Instrument :

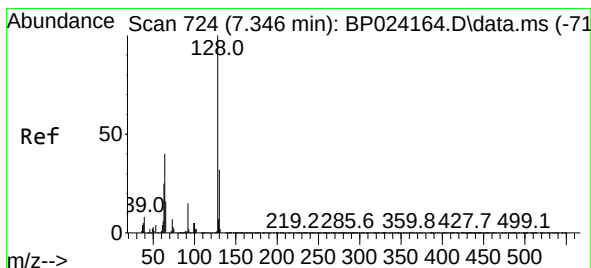
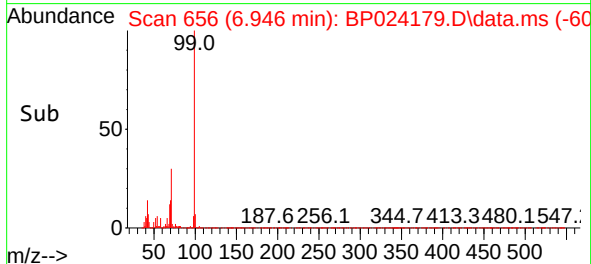
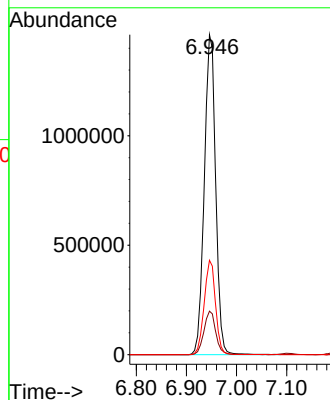
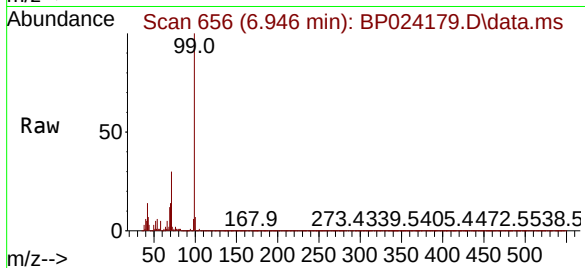
BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 2306130

Ion	Ratio	Lower	Upper
99	100		
42	13.6	10.6	16.0
71	29.5	23.3	34.9



#8

2-Chlorophenol

Concen: 38.764 ng

RT: 7.340 min Scan# 723

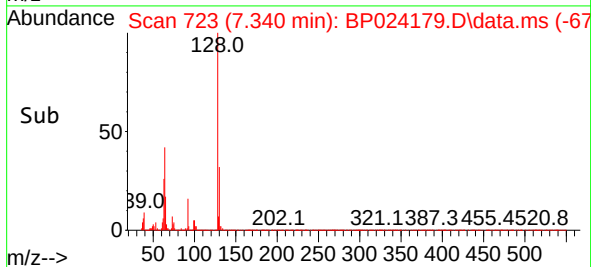
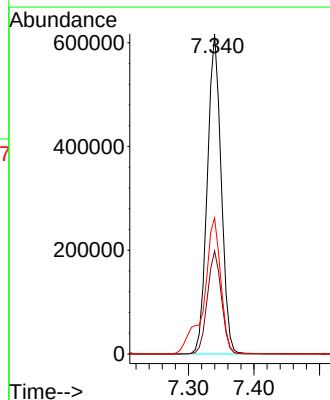
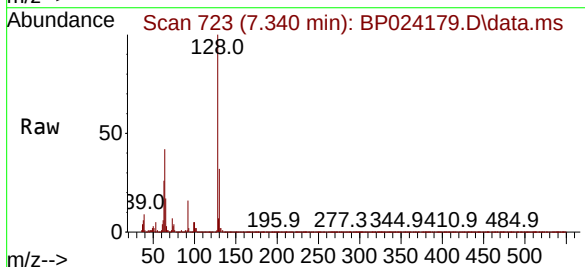
Delta R.T. -0.006 min

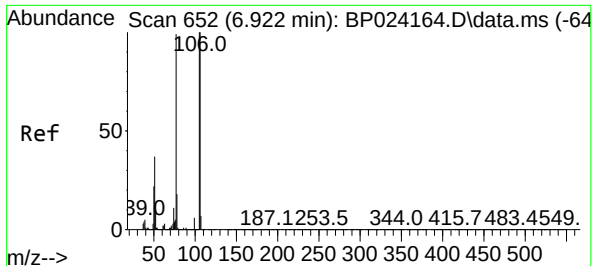
Lab File: BP024179.D

Acq: 18 Mar 2025 09:46

Tgt Ion: 128 Resp: 907280

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.0	52.0
64	42.5	21.6	61.6

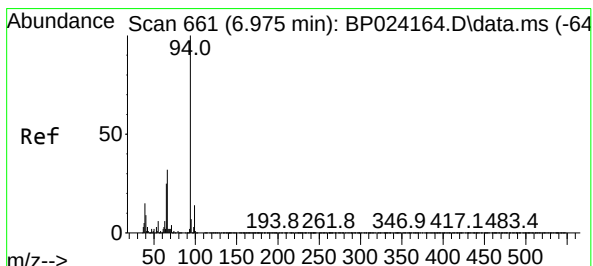
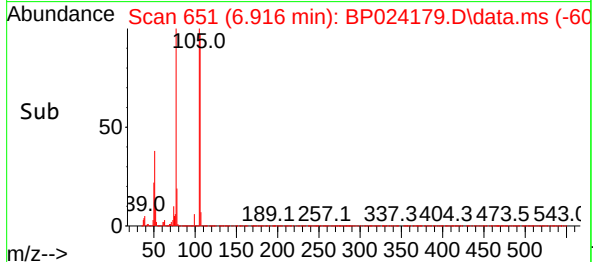
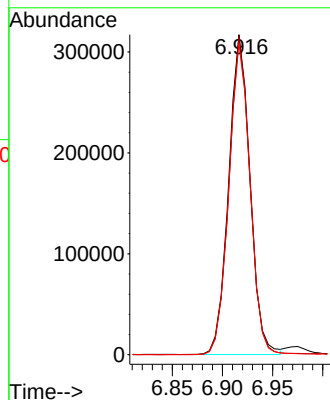
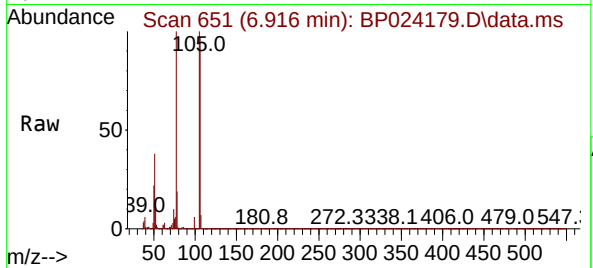




#9
Benzaldehyde
Concen: 33.419 ng
RT: 6.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024179.D
Acq: 18 Mar 2025 09:46

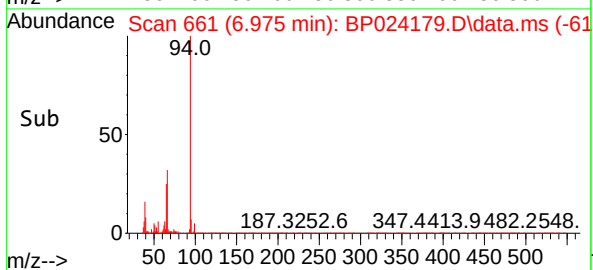
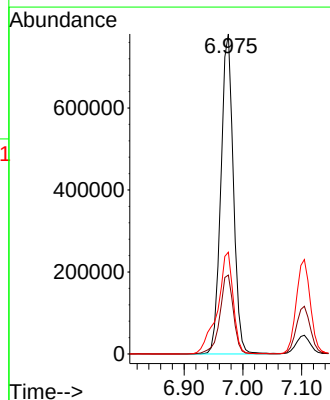
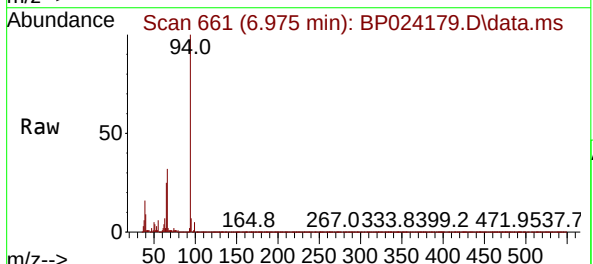
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

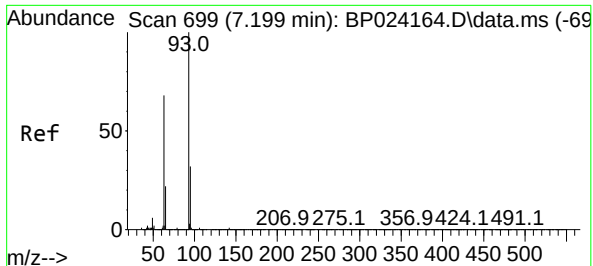
Tgt Ion: 77 Resp: 467306
Ion Ratio Lower Upper
77 100
105 99.7 81.4 121.4
106 97.2 81.1 121.1



#10
Phenol
Concen: 39.423 ng
RT: 6.975 min Scan# 661
Delta R.T. -0.000 min
Lab File: BP024179.D
Acq: 18 Mar 2025 09:46

Tgt Ion: 94 Resp: 1153195
Ion Ratio Lower Upper
94 100
65 24.6 4.9 44.9
66 31.8 11.9 51.9





#11

bis(2-Chloroethyl)ether

Concen: 39.071 ng

RT: 7.193 min Scan# 699

Delta R.T. -0.006 min

Lab File: BP024179.D

Acq: 18 Mar 2025 09:46

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

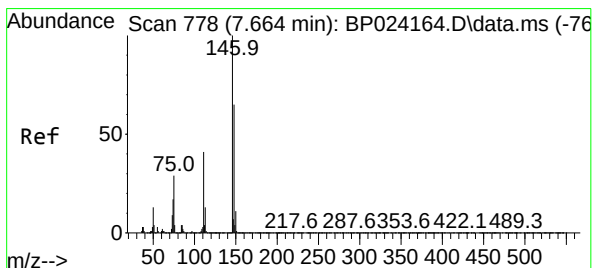
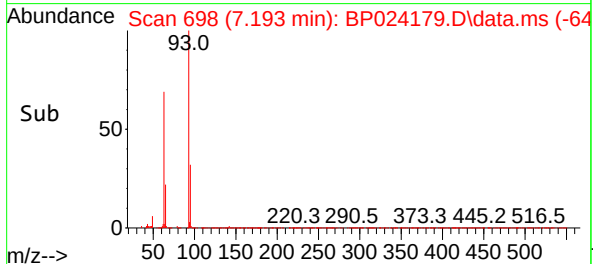
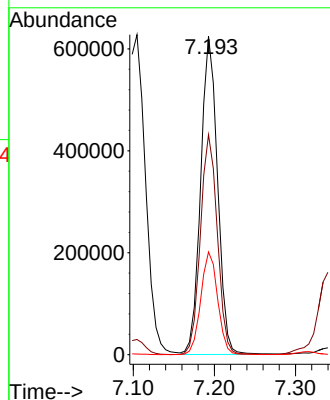
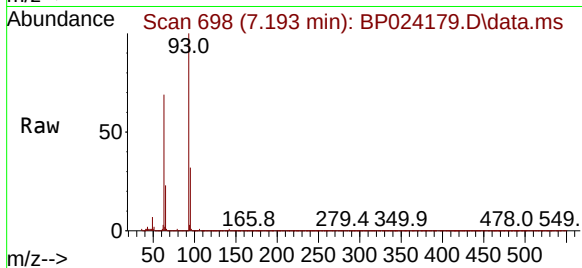
Tgt Ion: 93 Resp: 901291

Ion Ratio Lower Upper

93 100

63 69.1 47.4 87.4

95 32.3 12.1 52.1



#12

1,3-Dichlorobenzene

Concen: 38.567 ng

RT: 7.657 min Scan# 777

Delta R.T. -0.006 min

Lab File: BP024179.D

Acq: 18 Mar 2025 09:46

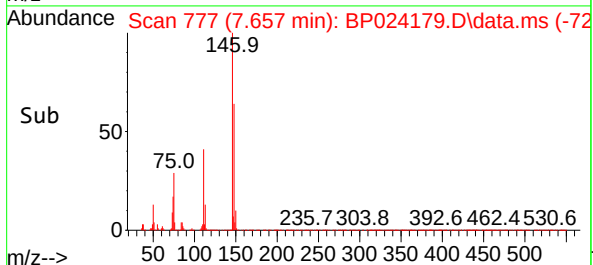
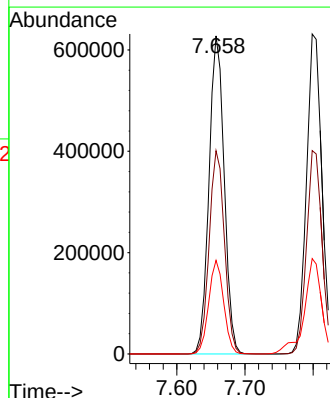
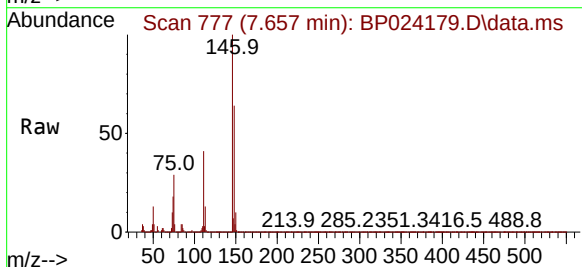
Tgt Ion: 146 Resp: 973406

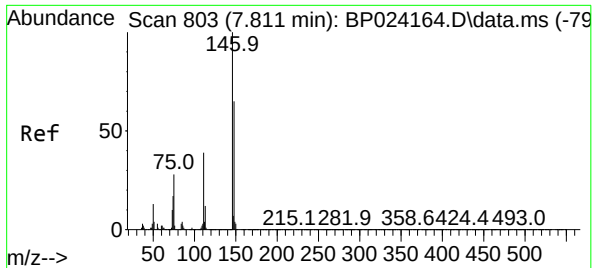
Ion Ratio Lower Upper

146 100

148 63.9 51.6 77.4

75 29.4 22.8 34.2

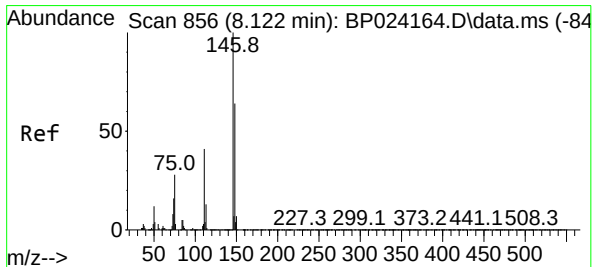
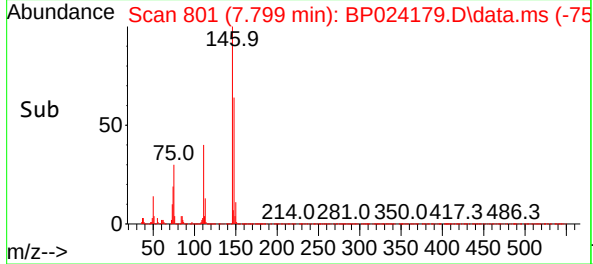
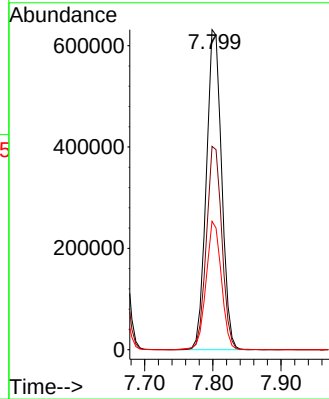
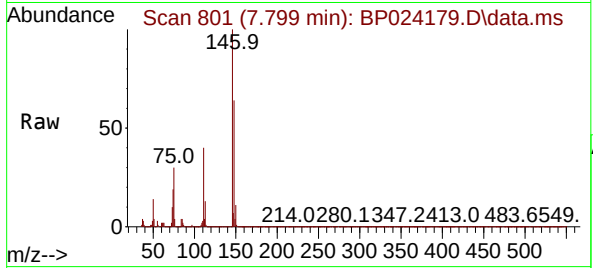




#13
1,4-Dichlorobenzene
Concen: 38.333 ng
RT: 7.799 min Scan# 801
Delta R.T. -0.012 min
Lab File: BP024179.D
Acq: 18 Mar 2025 09:46

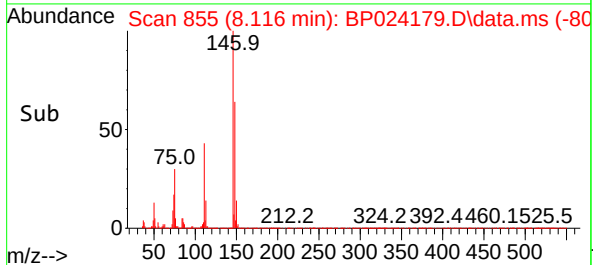
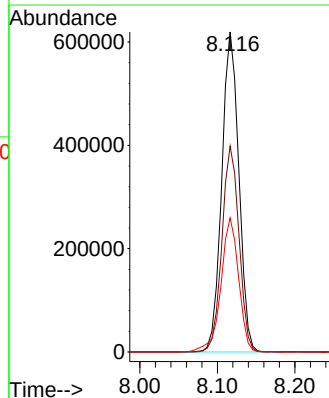
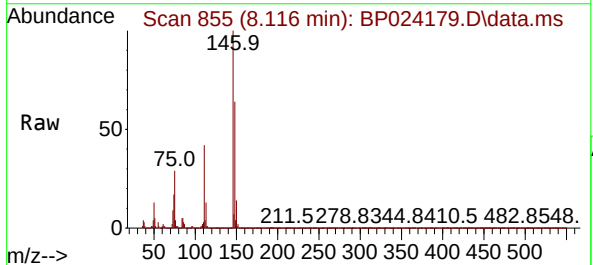
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

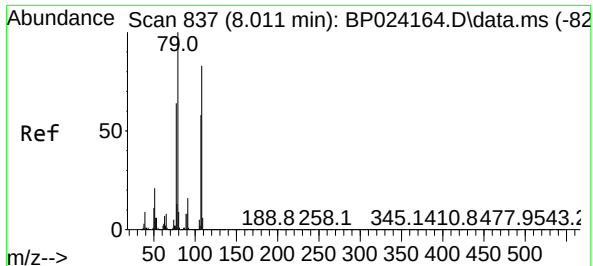
Tgt Ion:146 Resp: 987859
Ion Ratio Lower Upper
146 100
148 63.6 51.9 77.9
111 40.1 31.4 47.2



#14
1,2-Dichlorobenzene
Concen: 38.308 ng
RT: 8.116 min Scan# 855
Delta R.T. -0.006 min
Lab File: BP024179.D
Acq: 18 Mar 2025 09:46

Tgt Ion:146 Resp: 947345
Ion Ratio Lower Upper
146 100
148 64.3 51.4 77.2
111 41.9 33.2 49.8

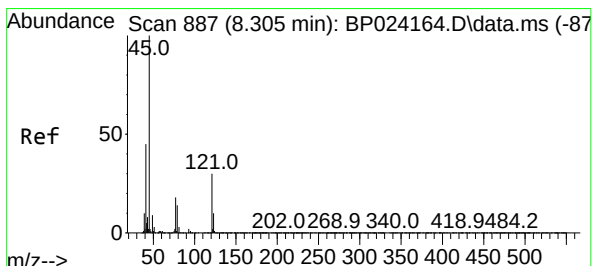
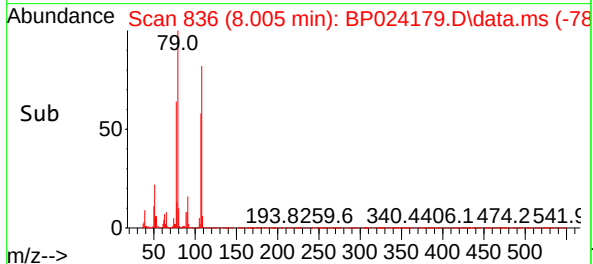
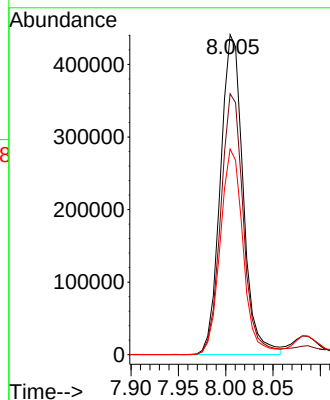
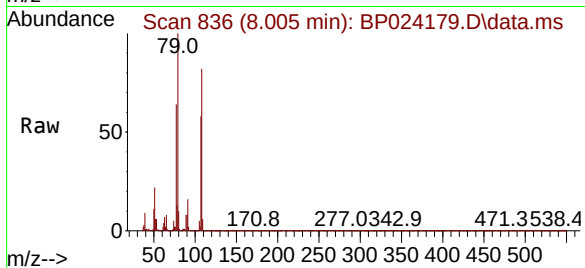




#15
Benzyl Alcohol
Concen: 40.202 ng
RT: 8.005 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP024179.D
Acq: 18 Mar 2025 09:46

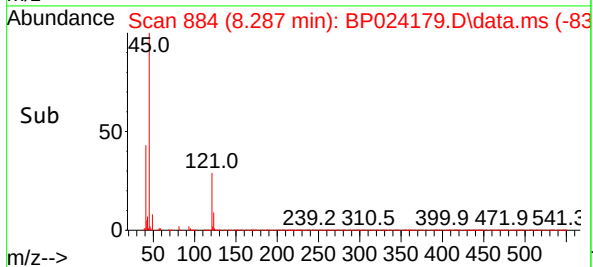
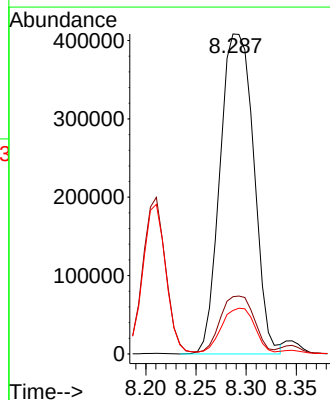
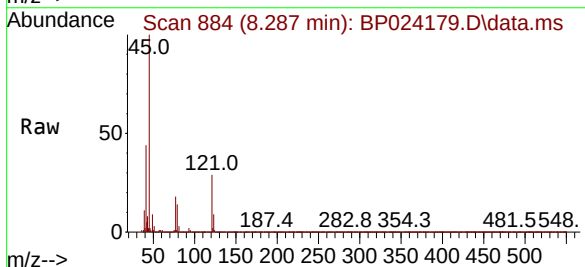
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

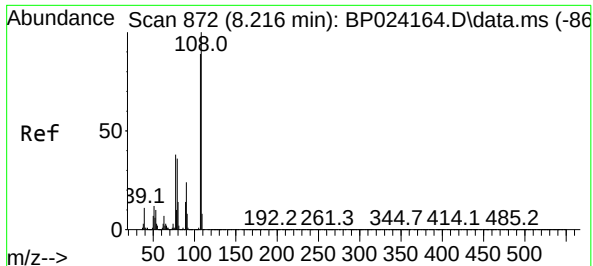
Tgt Ion: 79 Resp: 737493
Ion Ratio Lower Upper
79 100
108 81.6 66.5 99.7
77 64.3 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.563 ng
RT: 8.287 min Scan# 884
Delta R.T. -0.018 min
Lab File: BP024179.D
Acq: 18 Mar 2025 09:46

Tgt Ion: 45 Resp: 954998
Ion Ratio Lower Upper
45 100
77 17.9 0.0 39.0
79 13.6 0.0 35.6

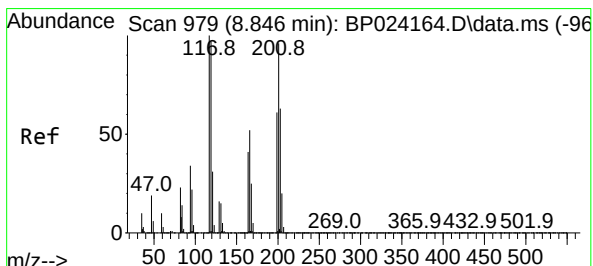
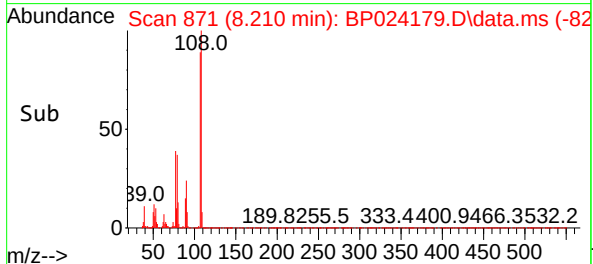
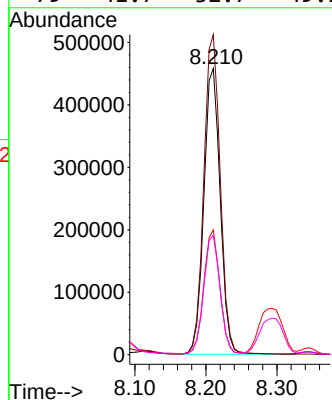
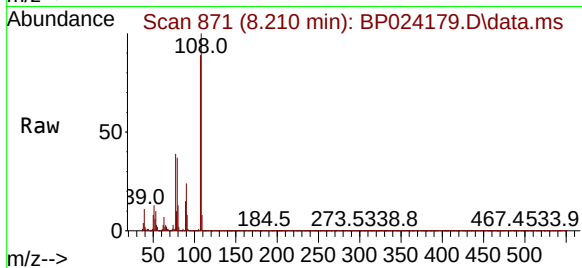




#17
2-Methylphenol
Concen: 39.881 ng
RT: 8.210 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP024179.D
Acq: 18 Mar 2025 09:46

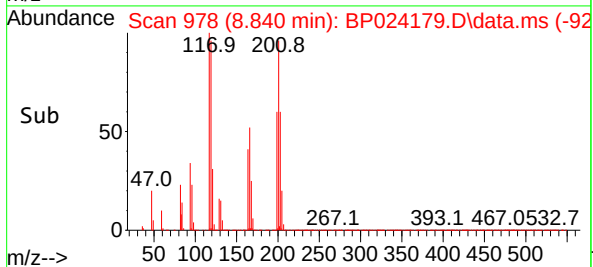
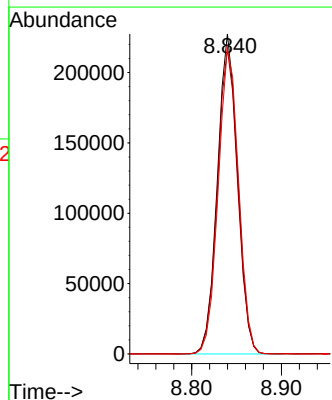
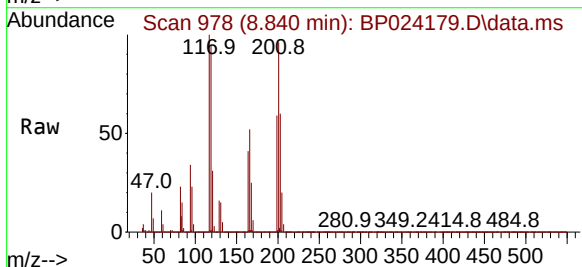
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

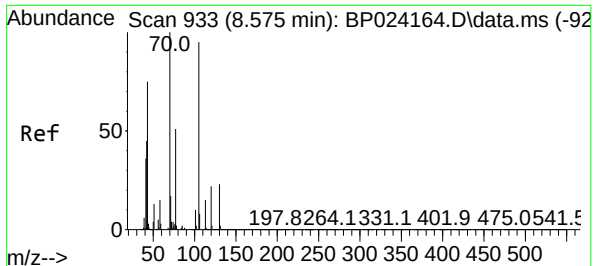
Tgt Ion:107 Resp: 731525
Ion Ratio Lower Upper
107 100
108 111.8 90.0 135.0
77 43.6 34.0 51.0
79 41.7 32.7 49.1



#18
Hexachloroethane
Concen: 38.843 ng
RT: 8.840 min Scan# 978
Delta R.T. -0.006 min
Lab File: BP024179.D
Acq: 18 Mar 2025 09:46

Tgt Ion:117 Resp: 355129
Ion Ratio Lower Upper
117 100
119 95.5 77.4 116.0
201 95.6 76.6 114.8





#19

n-Nitroso-di-n-propylamine

Concen: 41.517 ng

RT: 8.569 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP024179.D

Acq: 18 Mar 2025 09:46

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 697909

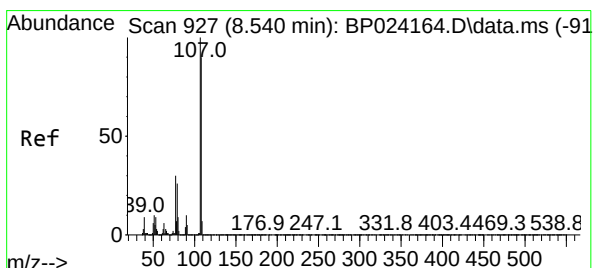
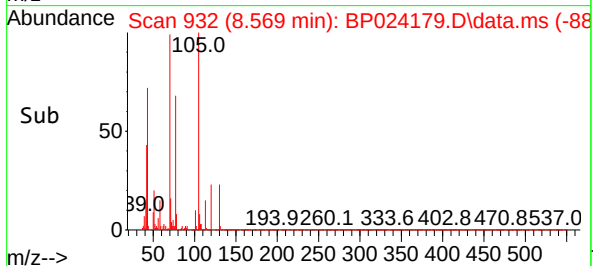
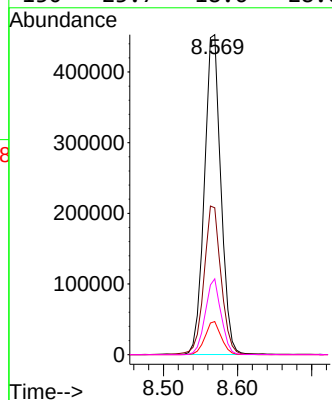
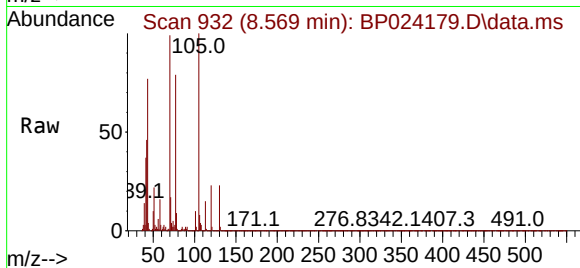
Ion Ratio Lower Upper

70 100

42 45.9 36.0 54.0

101 10.4 8.3 12.5

130 23.7 18.6 28.0



#20

3+4-Methylphenols

Concen: 39.991 ng

RT: 8.534 min Scan# 926

Delta R.T. -0.006 min

Lab File: BP024179.D

Acq: 18 Mar 2025 09:46

Tgt Ion: 107 Resp: 1007784

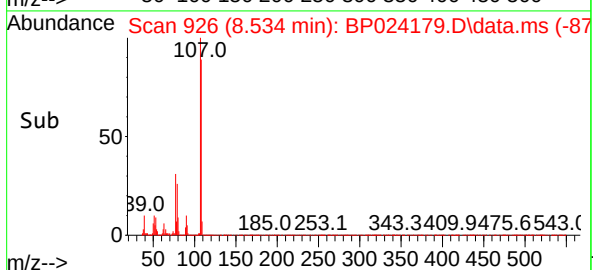
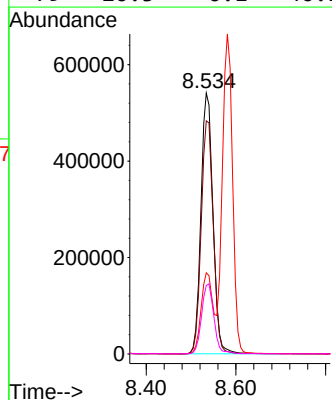
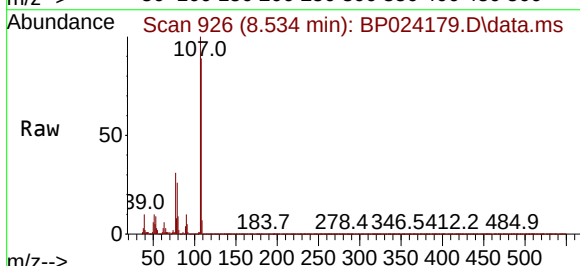
Ion Ratio Lower Upper

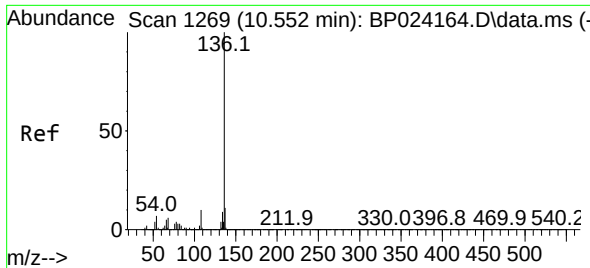
107 100

108 89.3 69.7 109.7

77 31.1 10.3 50.3

79 26.3 6.1 46.1

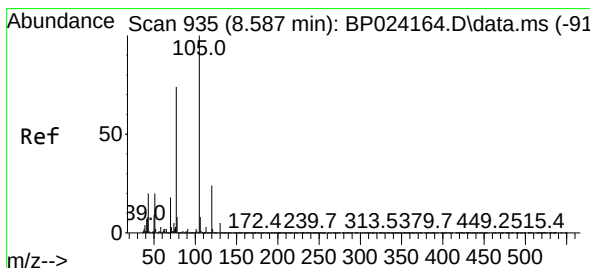
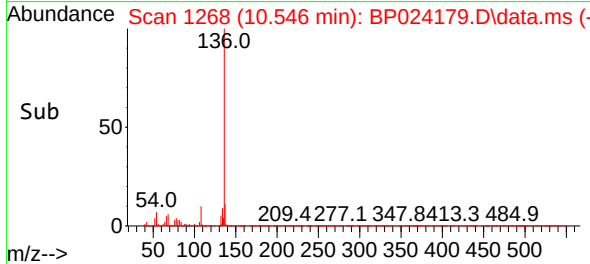
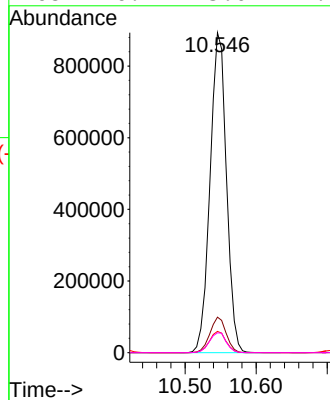
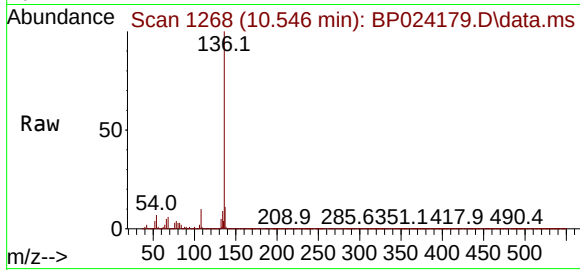




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.546 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024179.D
Acq: 18 Mar 2025 09:46

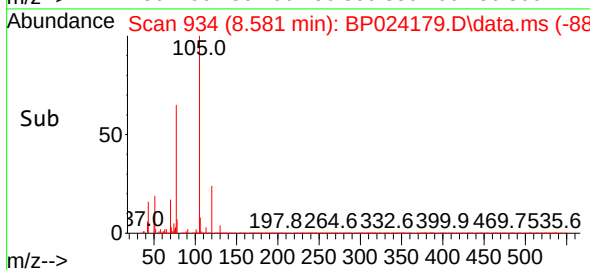
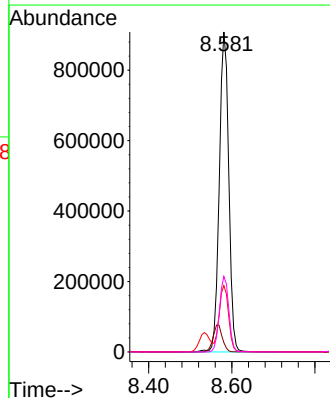
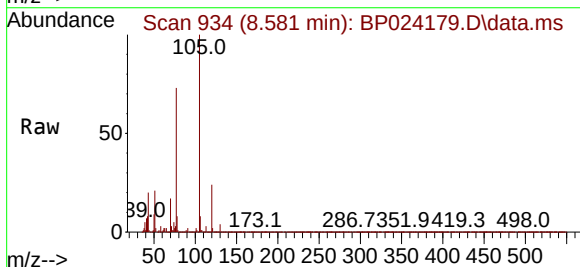
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

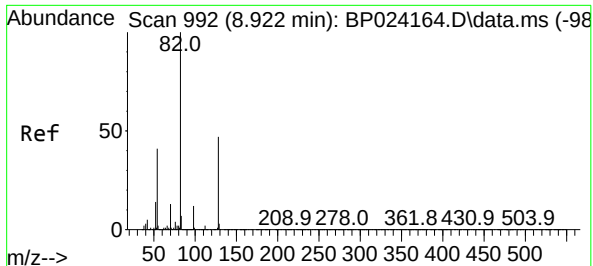
Tgt Ion:136 Resp: 1431681
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 6.6 5.3 7.9
68 6.2 5.0 7.4



#22
Acetophenone
Concen: 39.473 ng
RT: 8.581 min Scan# 934
Delta R.T. -0.006 min
Lab File: BP024179.D
Acq: 18 Mar 2025 09:46

Tgt Ion:105 Resp: 1428762
Ion Ratio Lower Upper
105 100
71 2.9 2.4 3.6
51 20.8 16.2 24.2
120 23.6 19.0 28.6





#23

Nitrobenzene-d5

Concen: 79.786 ng

RT: 8.916 min Scan# 991

Delta R.T. -0.006 min

Lab File: BP024179.D

Acq: 18 Mar 2025 09:46

Instrument :

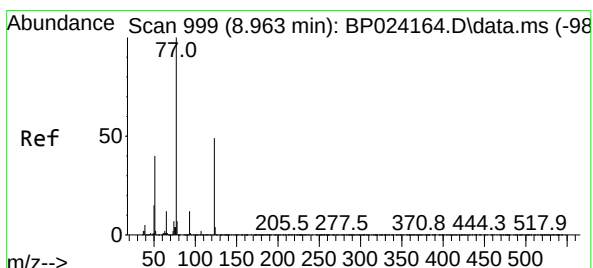
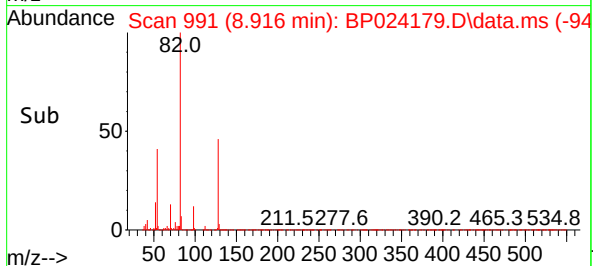
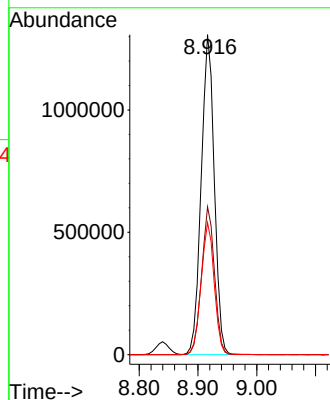
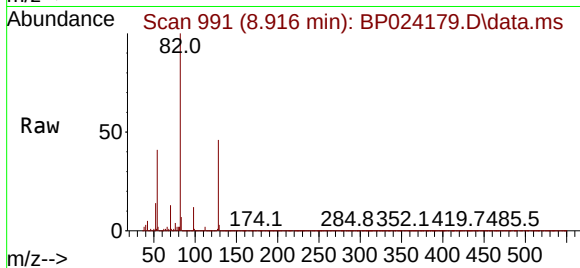
BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 2024575

Ion	Ratio	Lower	Upper
82	100		
128	46.2	37.4	56.0
54	41.3	32.5	48.7



#24

Nitrobenzene

Concen: 39.755 ng

RT: 8.957 min Scan# 998

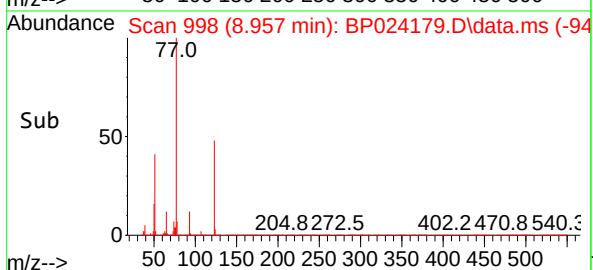
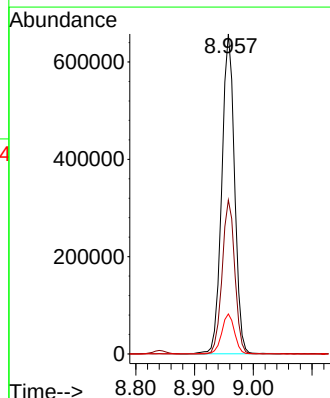
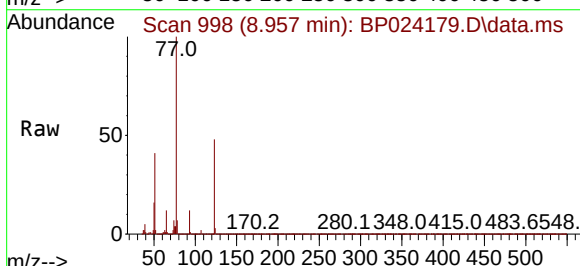
Delta R.T. -0.006 min

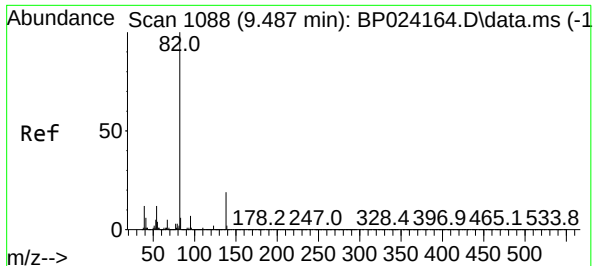
Lab File: BP024179.D

Acq: 18 Mar 2025 09:46

Tgt Ion: 77 Resp: 995161

Ion	Ratio	Lower	Upper
77	100		
123	48.1	39.4	59.2
65	12.5	9.9	14.9

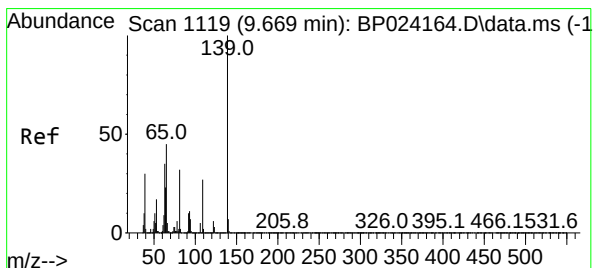
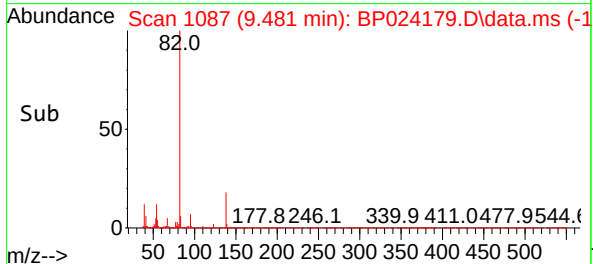
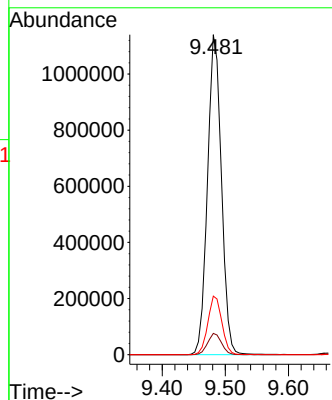
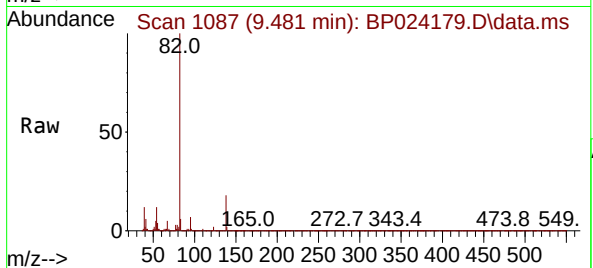




#25
Isophorone
Concen: 40.198 ng
RT: 9.481 min Scan# 1087
Delta R.T. -0.006 min
Lab File: BP024179.D
Acq: 18 Mar 2025 09:46

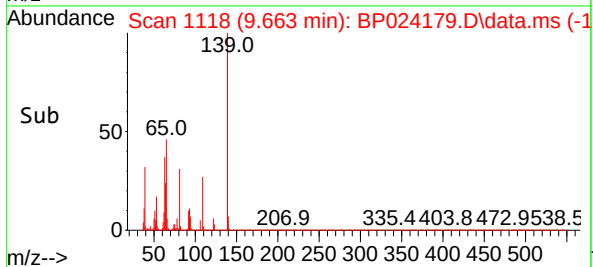
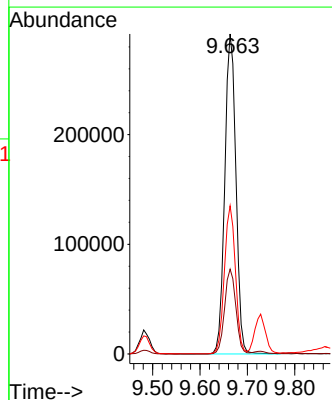
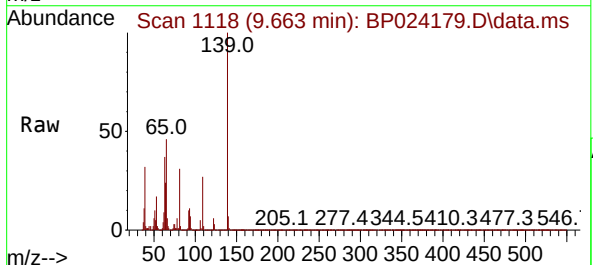
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

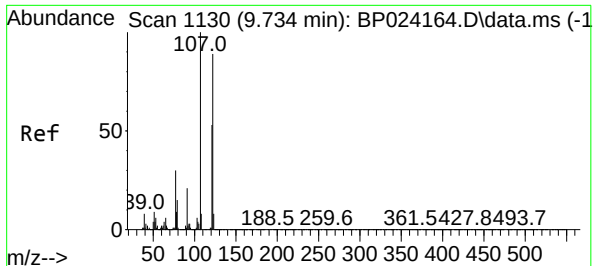
Tgt Ion: 82 Resp: 1748490
Ion Ratio Lower Upper
82 100
95 6.7 5.3 7.9
138 18.3 14.8 22.2



#26
2-Nitrophenol
Concen: 39.890 ng
RT: 9.663 min Scan# 1118
Delta R.T. -0.006 min
Lab File: BP024179.D
Acq: 18 Mar 2025 09:46

Tgt Ion: 139 Resp: 476963
Ion Ratio Lower Upper
139 100
109 26.5 21.7 32.5
65 46.3 35.8 53.8





#27

2,4-Dimethylphenol

Concen: 39.386 ng

RT: 9.728 min Scan# 1129

Delta R.T. -0.006 min

Lab File: BP024179.D

Acq: 18 Mar 2025 09:46

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

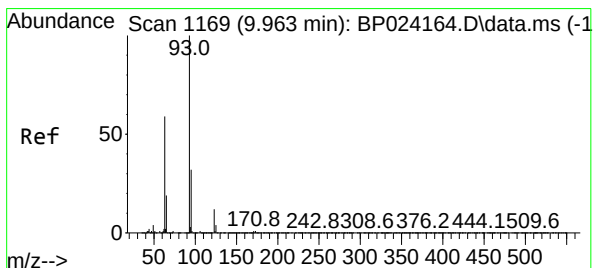
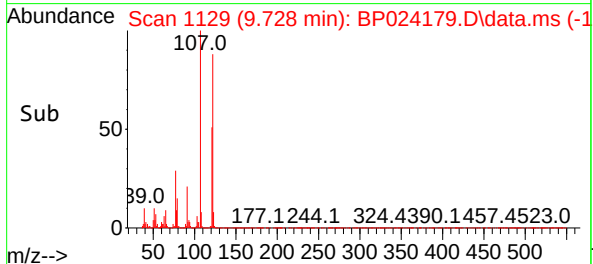
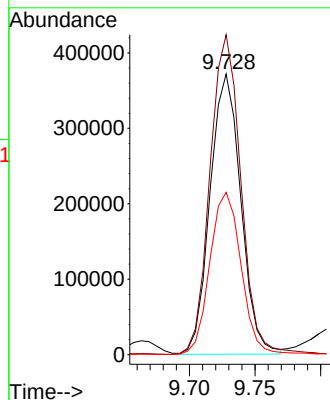
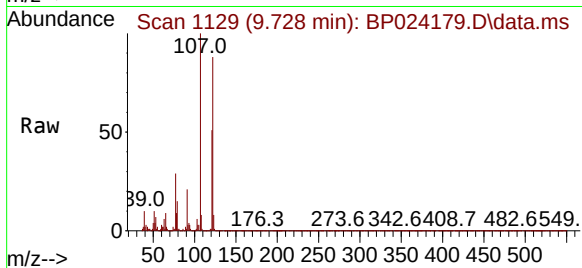
Tgt Ion:122 Resp: 605571

Ion Ratio Lower Upper

122 100

107 114.0 89.3 133.9

121 57.9 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 39.838 ng

RT: 9.957 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BP024179.D

Acq: 18 Mar 2025 09:46

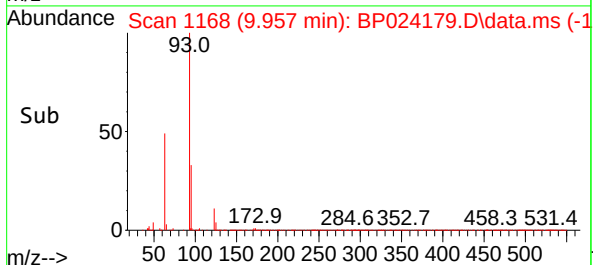
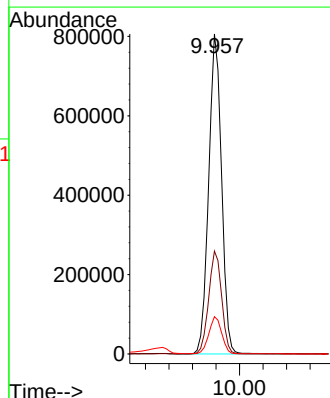
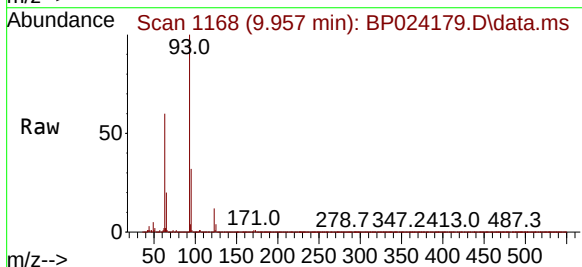
Tgt Ion: 93 Resp: 1219055

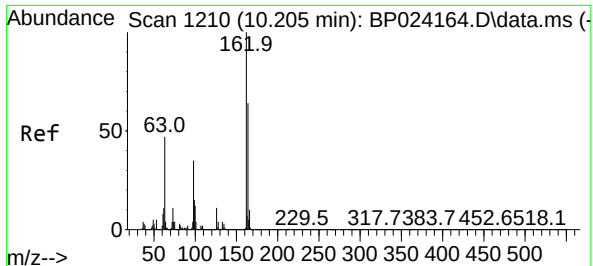
Ion Ratio Lower Upper

93 100

95 32.1 25.9 38.9

123 11.6 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 40.042 ng

RT: 10.199 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BP024179.D

Acq: 18 Mar 2025 09:46

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

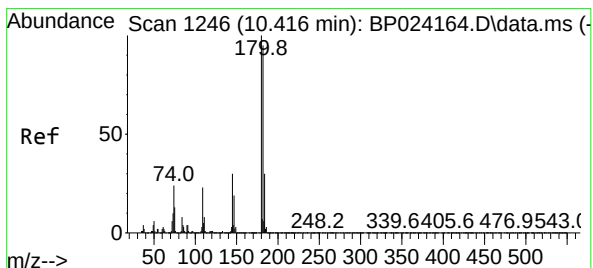
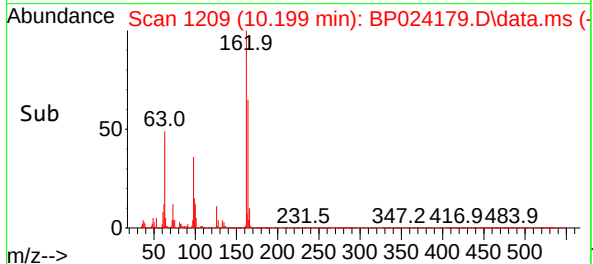
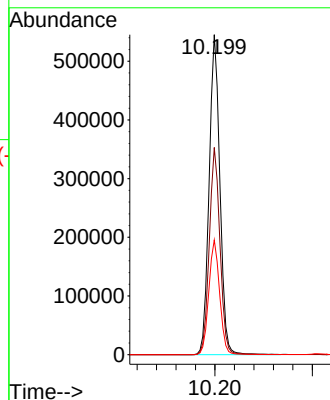
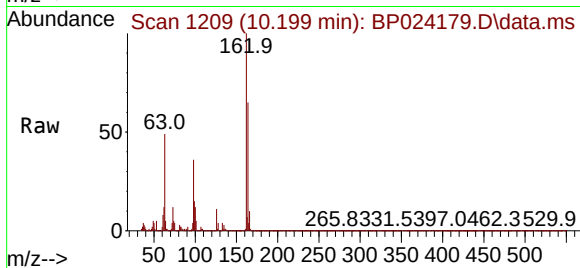
Tgt Ion:162 Resp: 832852

Ion Ratio Lower Upper

162 100

164 64.7 44.2 84.2

98 35.9 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 38.246 ng

RT: 10.410 min Scan# 1245

Delta R.T. -0.006 min

Lab File: BP024179.D

Acq: 18 Mar 2025 09:46

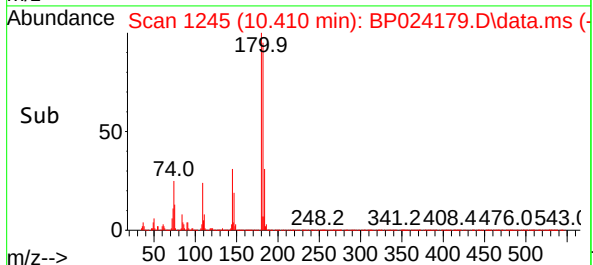
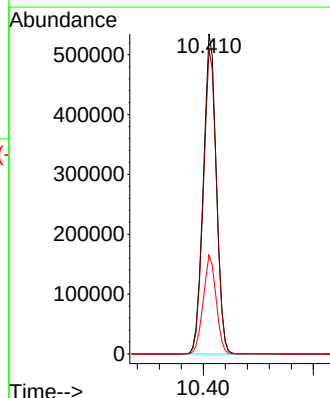
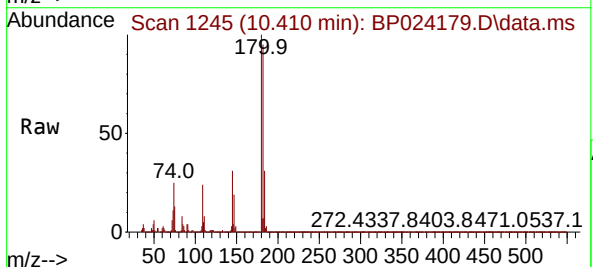
Tgt Ion:180 Resp: 878875

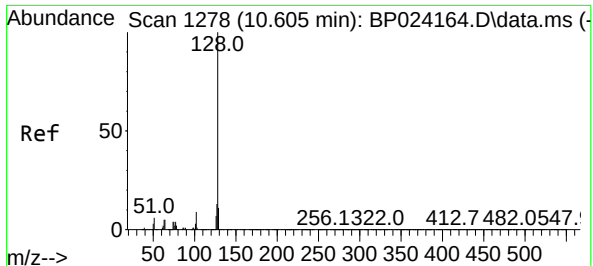
Ion Ratio Lower Upper

180 100

182 95.2 76.1 114.1

145 31.0 24.2 36.2

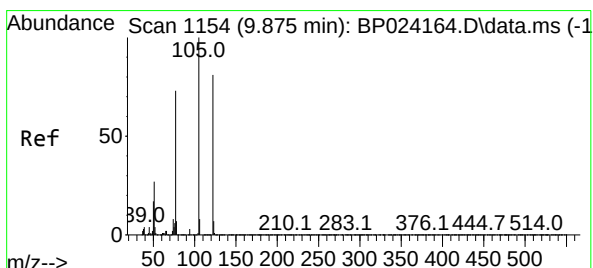
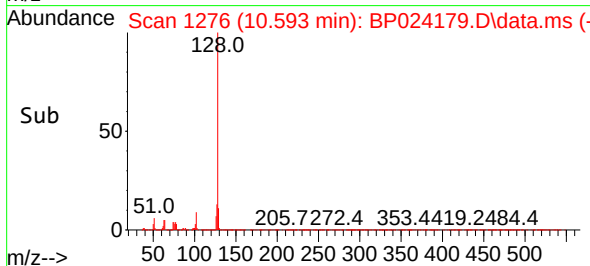
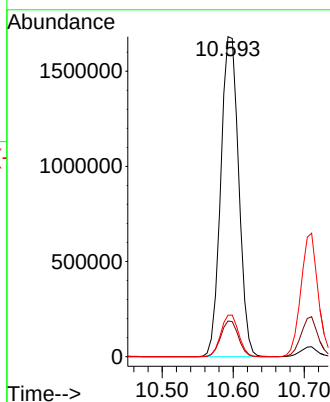
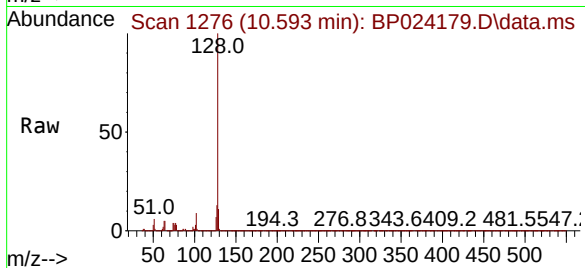




#31
Naphthalene
Concen: 38.721 ng
RT: 10.593 min Scan# 1153
Delta R.T. -0.012 min
Lab File: BP024179.D
Acq: 18 Mar 2025 09:46

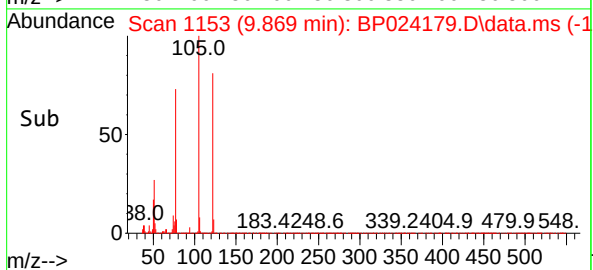
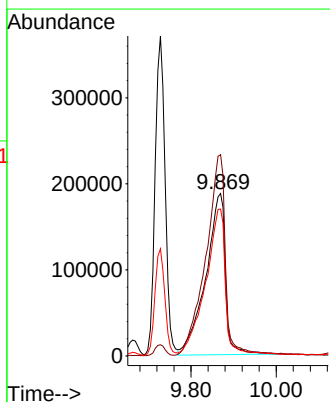
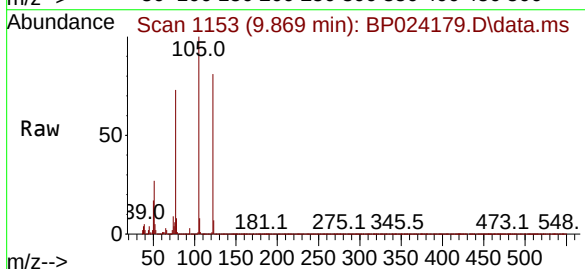
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

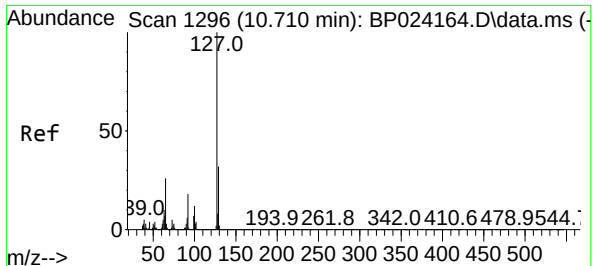
Tgt Ion:128 Resp: 2938614
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 39.990 ng
RT: 9.869 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BP024179.D
Acq: 18 Mar 2025 09:46

Tgt Ion:122 Resp: 599657
Ion Ratio Lower Upper
122 100
105 123.9 100.3 140.3
77 90.4 69.1 109.1

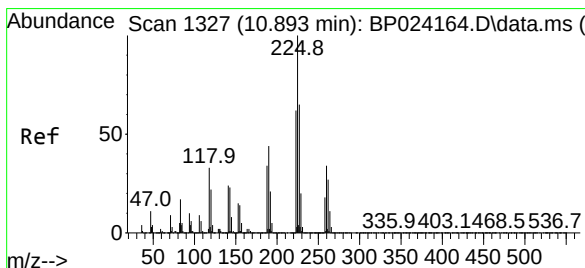
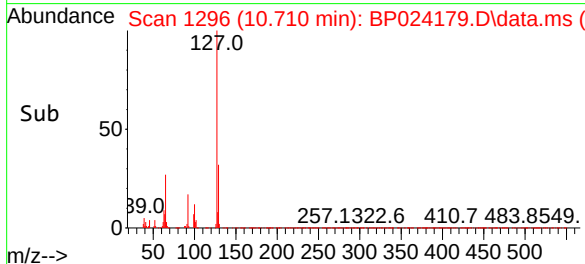
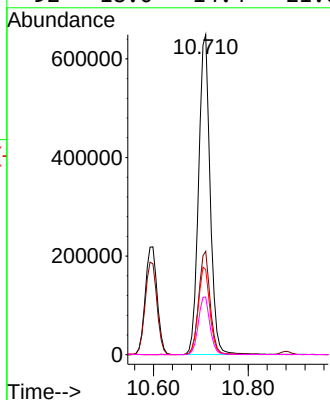
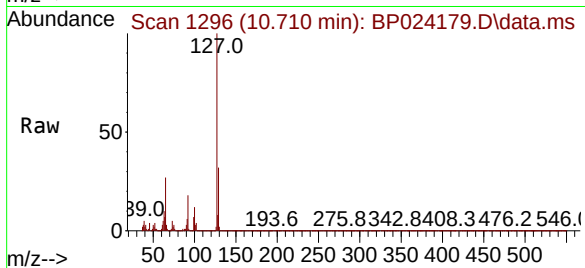




#33
4-Chloroaniline
Concen: 40.331 ng
RT: 10.710 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BP024179.D
Acq: 18 Mar 2025 09:46

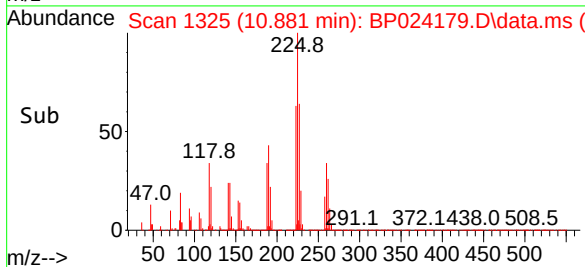
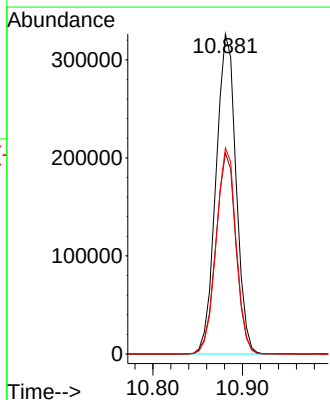
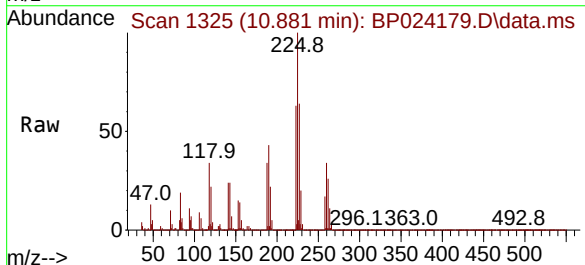
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

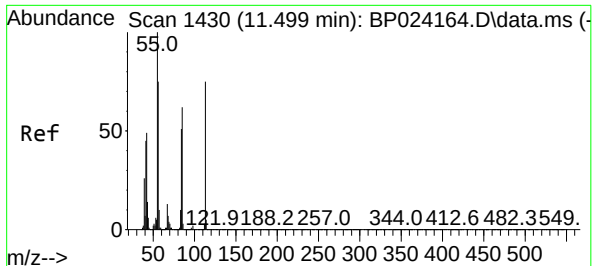
Tgt Ion:127 Resp: 1095344
Ion Ratio Lower Upper
127 100
129 32.3 25.8 38.6
65 26.6 21.2 31.8
92 18.0 14.4 21.6



#34
Hexachlorobutadiene
Concen: 38.331 ng
RT: 10.881 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BP024179.D
Acq: 18 Mar 2025 09:46

Tgt Ion:225 Resp: 506933
Ion Ratio Lower Upper
225 100
223 62.8 49.9 74.9
227 64.4 52.2 78.2

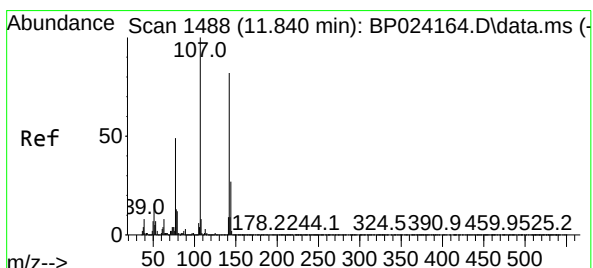
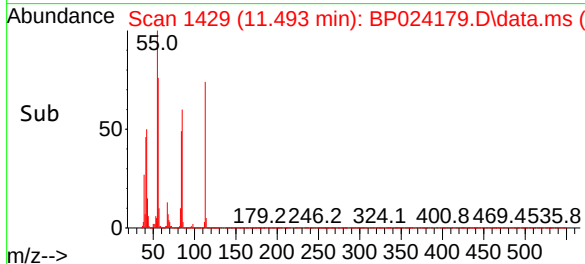
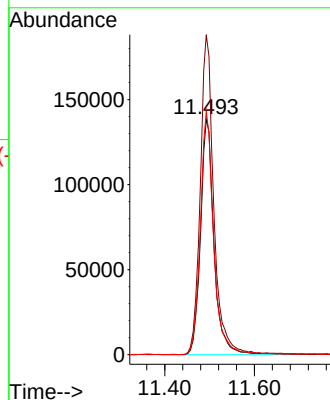
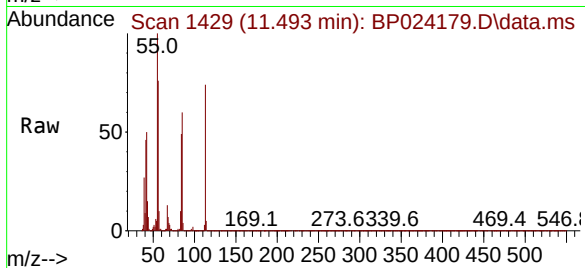




#35
Caprolactam
Concen: 42.205 ng
RT: 11.493 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BP024179.D
Acq: 18 Mar 2025 09:46

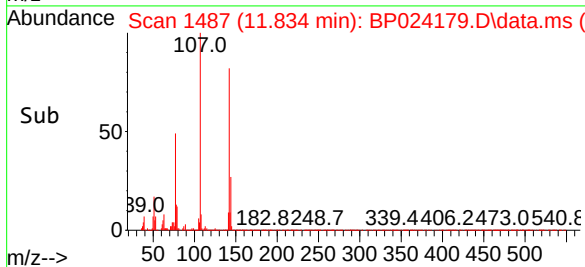
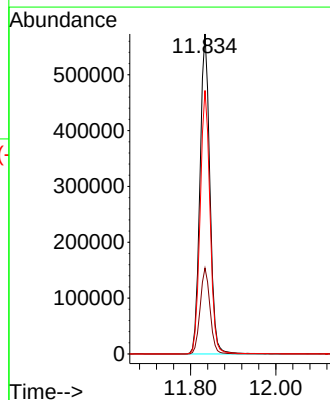
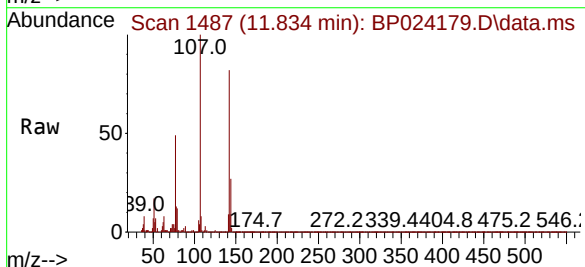
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

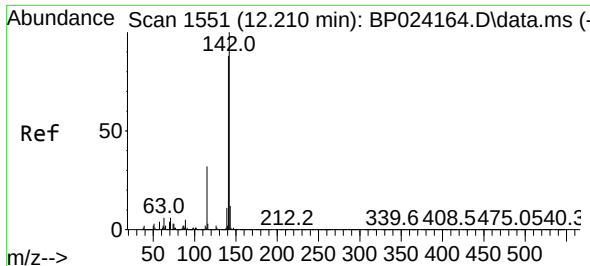
Tgt Ion:113 Resp: 287697
Ion Ratio Lower Upper
113 100
55 135.9 113.6 153.6
56 103.3 80.0 120.0



#36
4-Chloro-3-methylphenol
Concen: 41.152 ng
RT: 11.834 min Scan# 1487
Delta R.T. -0.006 min
Lab File: BP024179.D
Acq: 18 Mar 2025 09:46

Tgt Ion:107 Resp: 923366
Ion Ratio Lower Upper
107 100
144 26.8 21.6 32.4
142 82.4 65.4 98.0

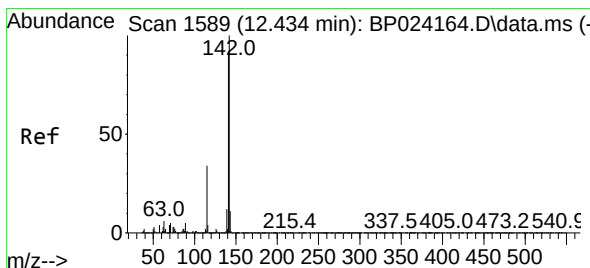
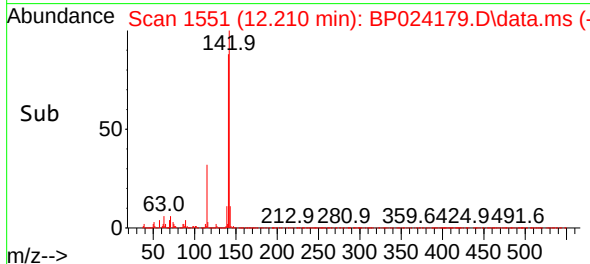
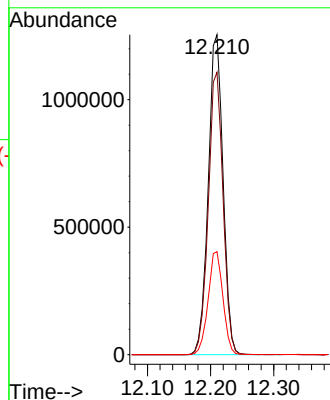
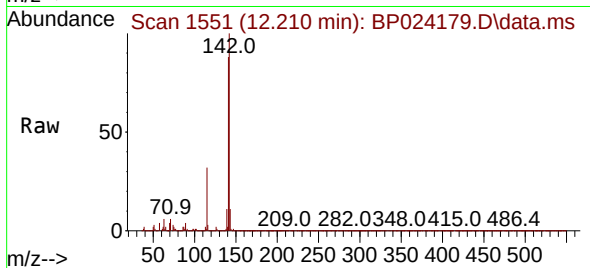




#37
2-Methylnaphthalene
Concen: 39.849 ng
RT: 12.210 min Scan# 1551
Delta R.T. -0.000 min
Lab File: BP024179.D
Acq: 18 Mar 2025 09:46

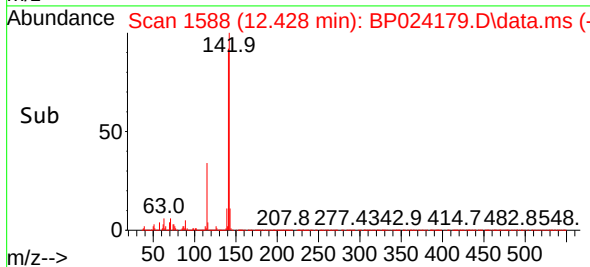
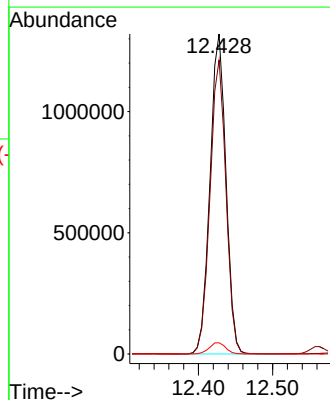
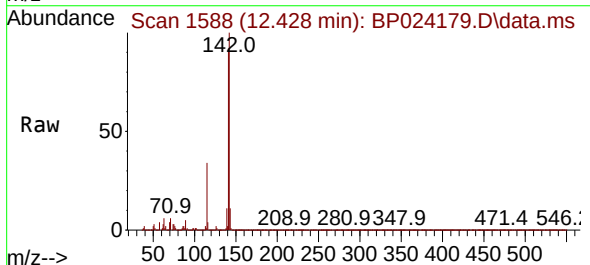
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

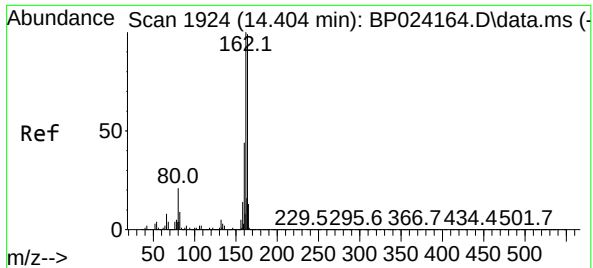
Tgt Ion:142 Resp: 2043085
Ion Ratio Lower Upper
142 100
141 88.2 70.3 105.5
115 32.2 26.0 39.0



#38
1-Methylnaphthalene
Concen: 39.570 ng
RT: 12.428 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BP024179.D
Acq: 18 Mar 2025 09:46

Tgt Ion:142 Resp: 1973244
Ion Ratio Lower Upper
142 100
141 91.9 73.9 110.9
116 3.5 2.8 4.2

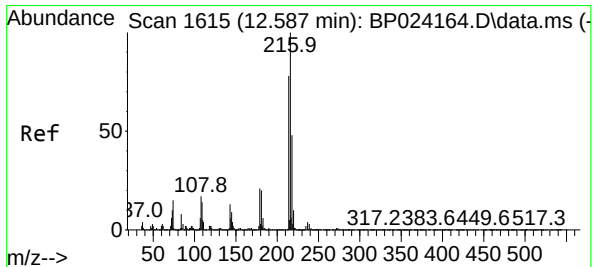
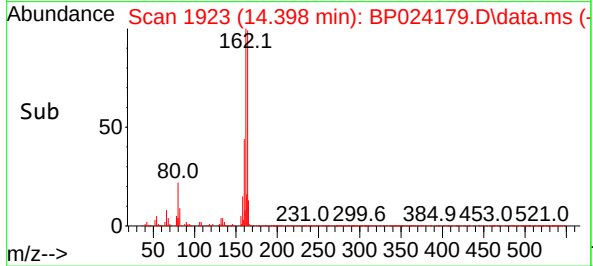
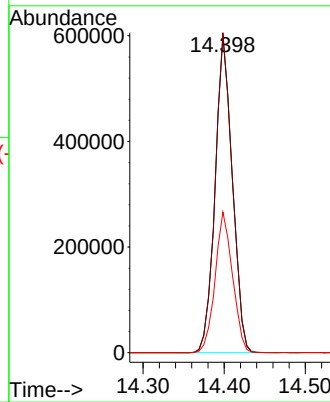
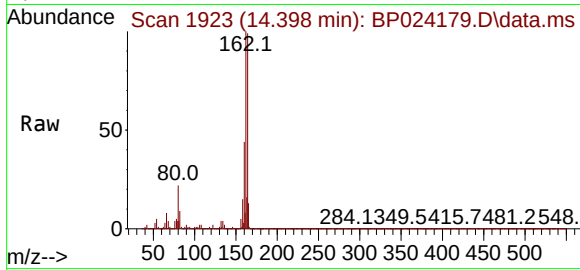




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1923
Delta R.T. -0.006 min
Lab File: BP024179.D
Acq: 18 Mar 2025 09:46

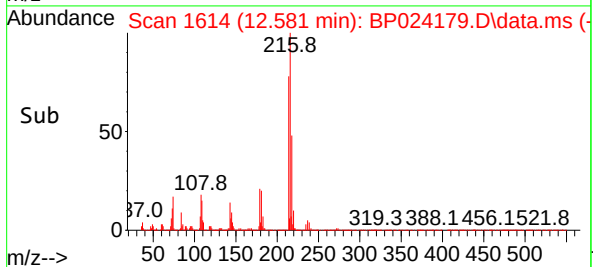
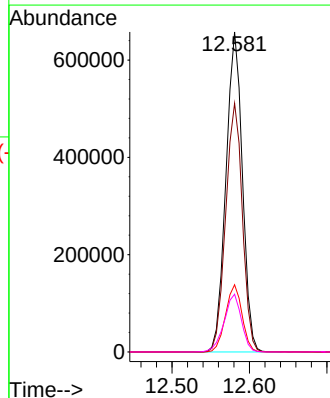
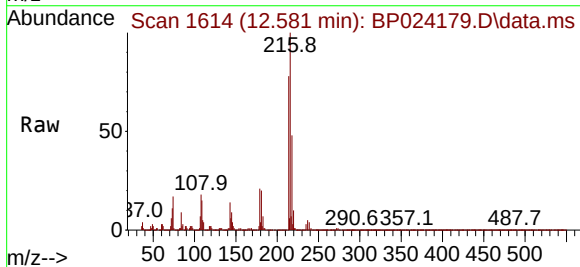
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

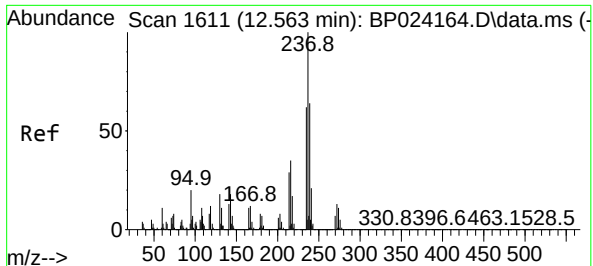
Tgt Ion:164 Resp: 884889
Ion Ratio Lower Upper
164 100
162 101.2 80.6 121.0
160 44.5 35.4 53.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.933 ng
RT: 12.581 min Scan# 1614
Delta R.T. -0.006 min
Lab File: BP024179.D
Acq: 18 Mar 2025 09:46

Tgt Ion:216 Resp: 970315
Ion Ratio Lower Upper
216 100
214 78.8 62.8 94.2
179 21.1 16.8 25.2
108 19.0 14.7 22.1

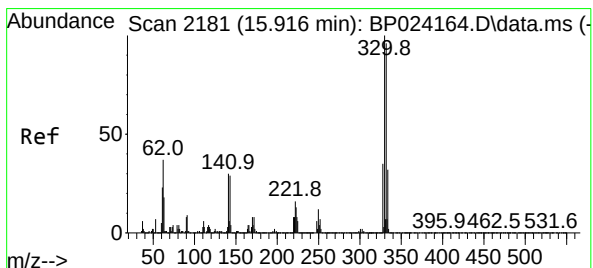
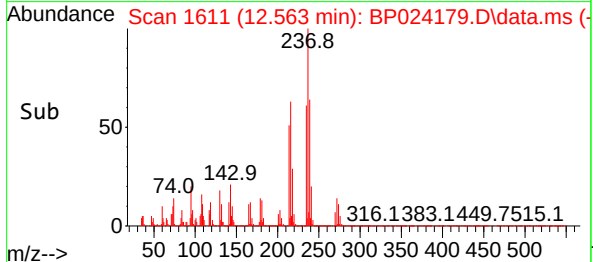
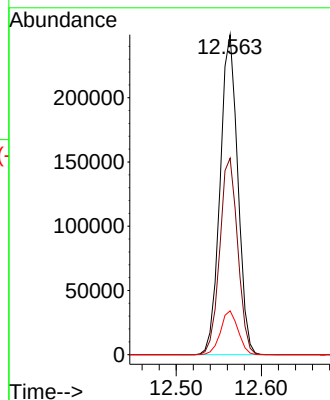
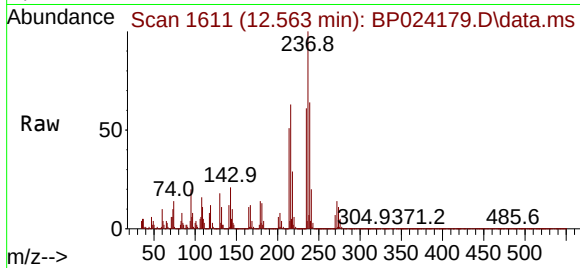




#41
Hexachlorocyclopentadiene
Concen: 38.928 ng
RT: 12.563 min Scan# 1611
Delta R.T. -0.000 min
Lab File: BP024179.D
Acq: 18 Mar 2025 09:46

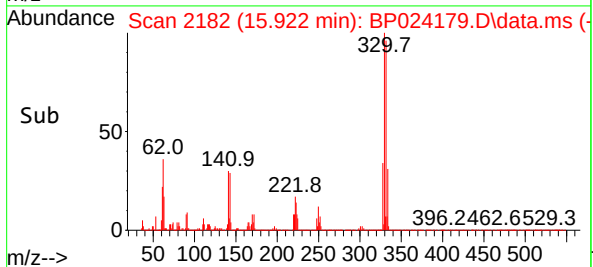
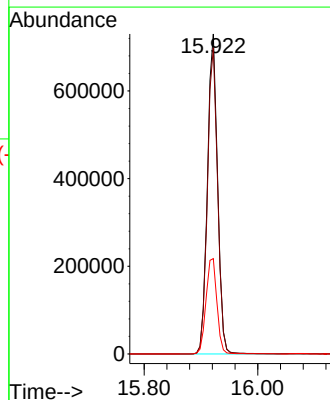
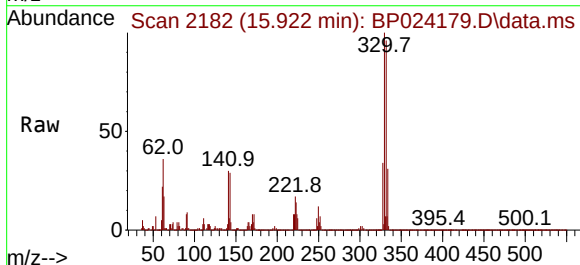
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

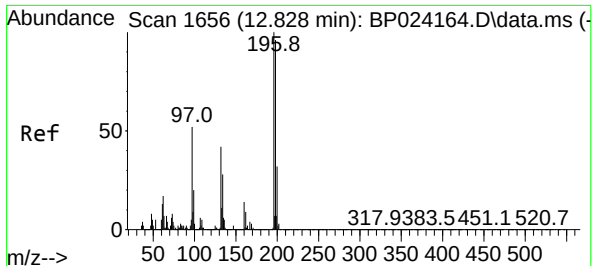
Tgt Ion:237 Resp: 358938
Ion Ratio Lower Upper
237 100
235 61.4 41.8 81.8
272 13.7 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 80.771 ng
RT: 15.922 min Scan# 2182
Delta R.T. 0.006 min
Lab File: BP024179.D
Acq: 18 Mar 2025 09:46

Tgt Ion:330 Resp: 900293
Ion Ratio Lower Upper
330 100
332 96.2 77.6 116.4
141 32.1 25.0 37.6

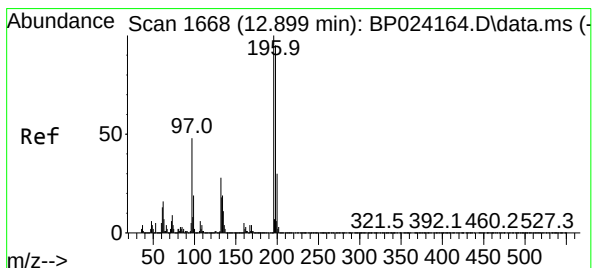
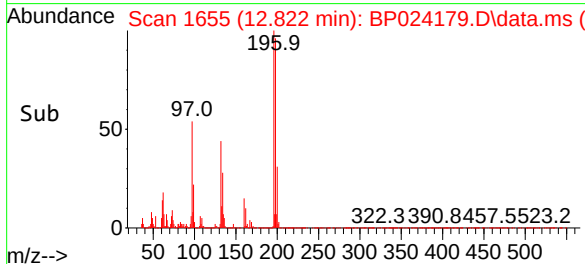
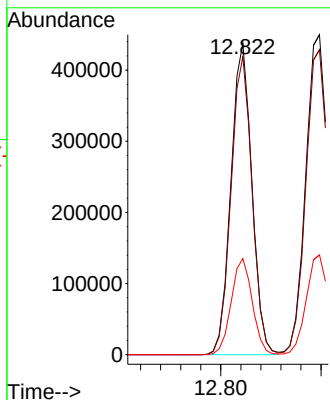
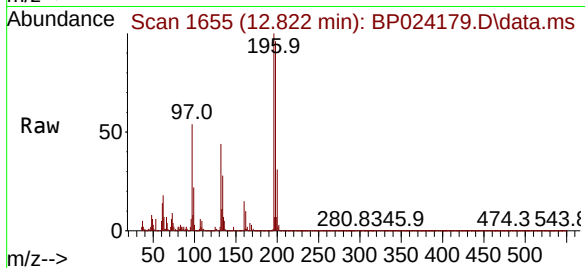




#43
2,4,6-Trichlorophenol
Concen: 39.128 ng
RT: 12.822 min Scan# 1655
Delta R.T. -0.006 min
Lab File: BP024179.D
Acq: 18 Mar 2025 09:46

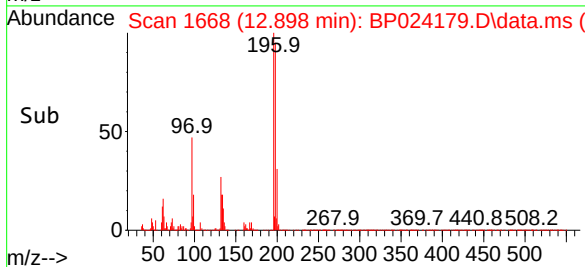
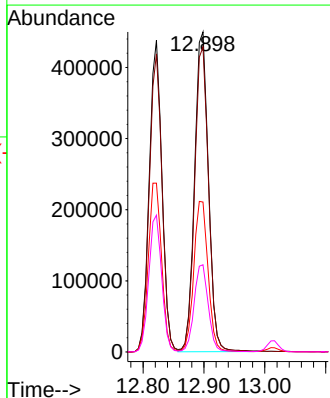
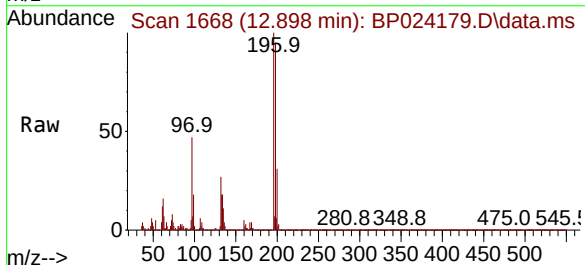
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

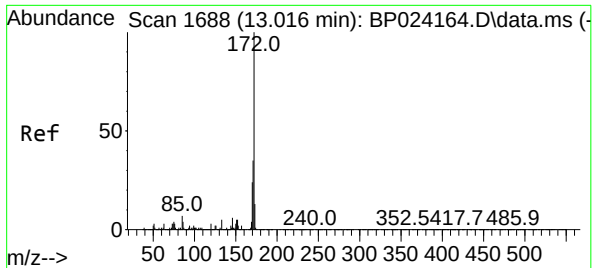
Tgt Ion:196 Resp: 636076
Ion Ratio Lower Upper
196 100
198 95.7 76.6 115.0
200 30.9 25.4 38.0



#44
2,4,5-Trichlorophenol
Concen: 39.942 ng
RT: 12.898 min Scan# 1668
Delta R.T. -0.000 min
Lab File: BP024179.D
Acq: 18 Mar 2025 09:46

Tgt Ion:196 Resp: 712074
Ion Ratio Lower Upper
196 100
198 95.3 76.5 114.7
97 46.9 38.7 58.1
132 27.2 22.2 33.2





#45

2-Fluorobiphenyl

Concen: 77.875 ng

RT: 13.016 min Scan# 1688

Delta R.T. -0.000 min

Lab File: BP024179.D

Acq: 18 Mar 2025 09:46

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

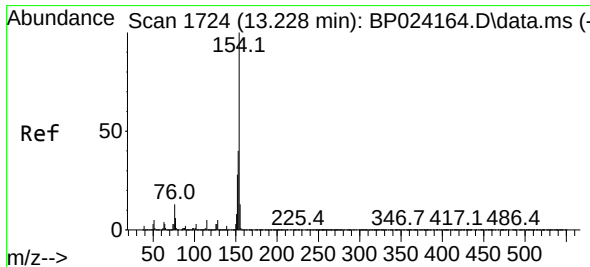
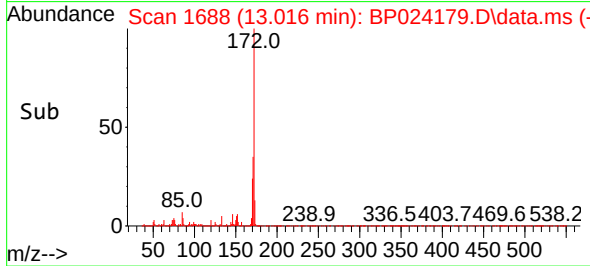
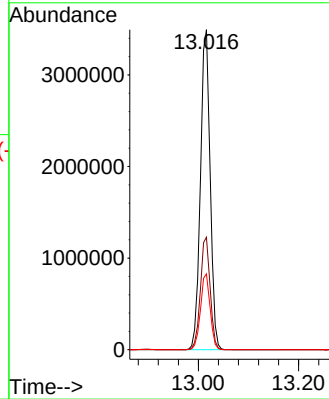
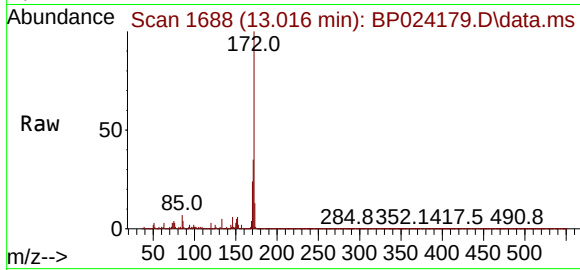
Tgt Ion:172 Resp: 4673436

Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.7 19.0 28.4



#46

1,1'-Biphenyl

Concen: 38.760 ng

RT: 13.222 min Scan# 1723

Delta R.T. -0.006 min

Lab File: BP024179.D

Acq: 18 Mar 2025 09:46

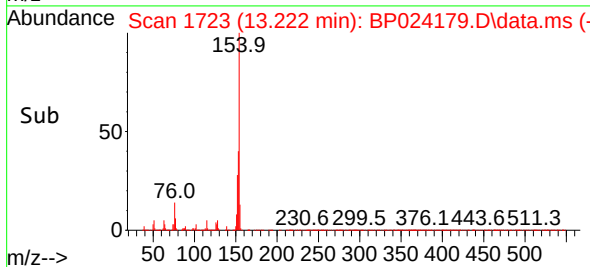
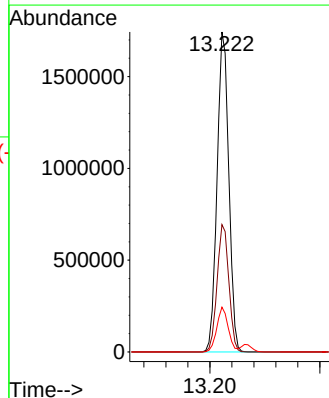
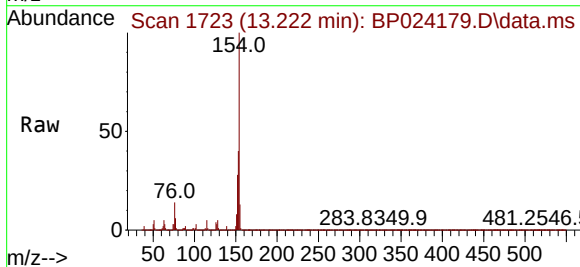
Tgt Ion:154 Resp: 2577343

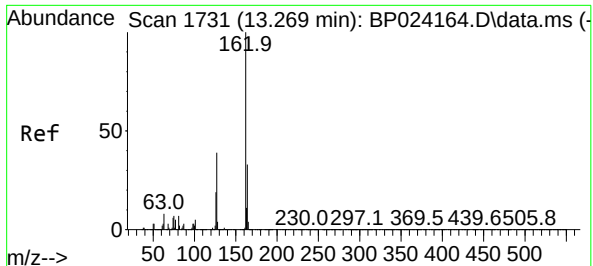
Ion Ratio Lower Upper

154 100

153 39.8 20.3 60.3

76 14.0 0.0 32.9





#47

2-Chloronaphthalene

Concen: 38.479 ng

RT: 13.263 min Scan# 1730

Delta R.T. -0.006 min

Lab File: BP024179.D

Acq: 18 Mar 2025 09:46

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

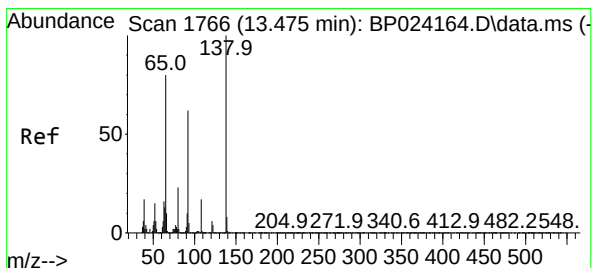
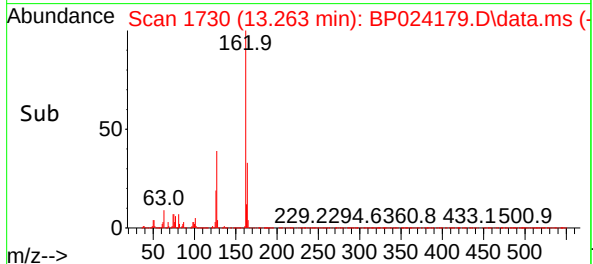
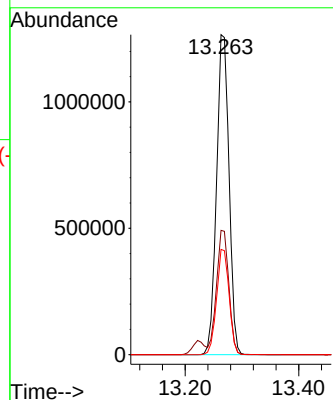
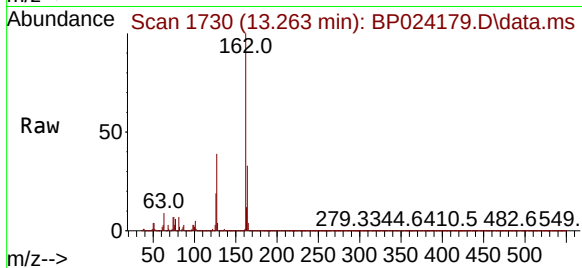
Tgt Ion:162 Resp: 1924571

Ion Ratio Lower Upper

162 100

127 38.9 31.5 47.3

164 32.9 26.6 39.8



#48

2-Nitroaniline

Concen: 41.647 ng

RT: 13.469 min Scan# 1765

Delta R.T. -0.006 min

Lab File: BP024179.D

Acq: 18 Mar 2025 09:46

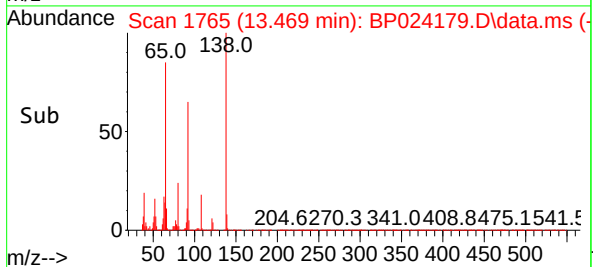
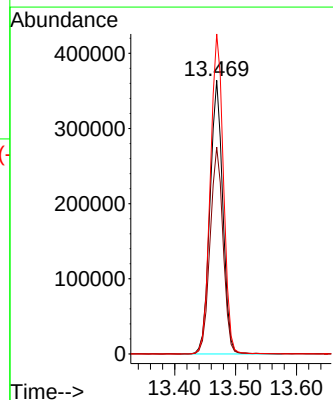
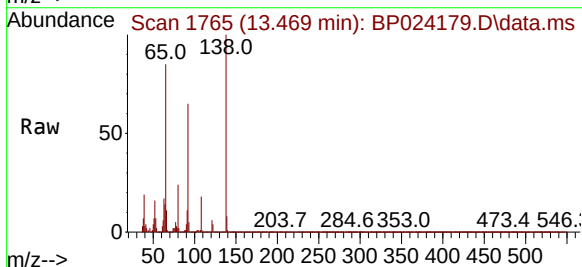
Tgt Ion: 65 Resp: 532768

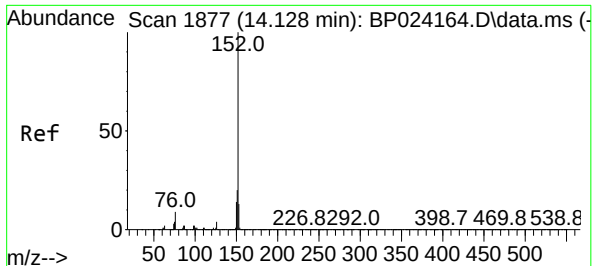
Ion Ratio Lower Upper

65 100

92 75.6 62.1 93.1

138 117.0 99.5 149.3

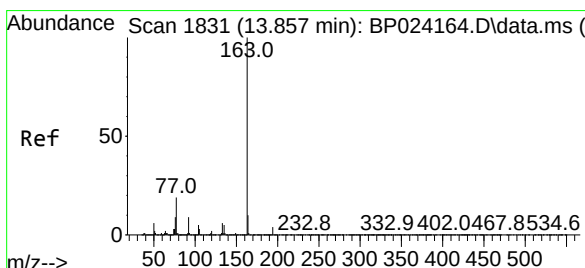
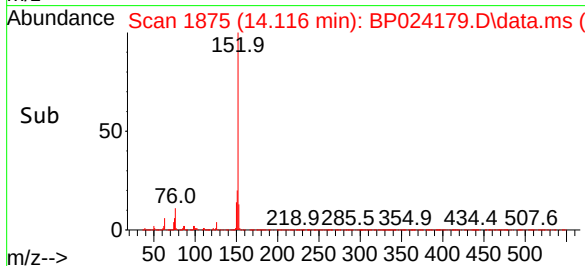
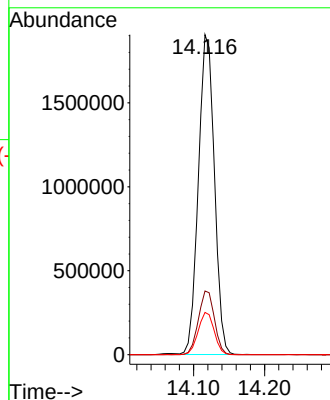
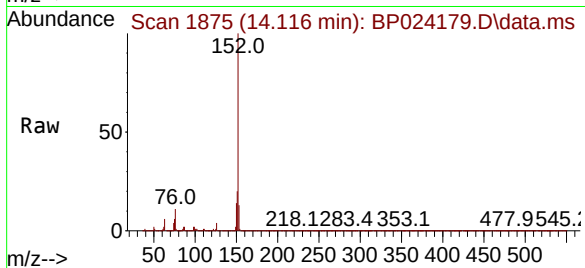




#49
Acenaphthylene
Concen: 39.514 ng
RT: 14.116 min Scan# 1875
Delta R.T. -0.012 min
Lab File: BP024179.D
Acq: 18 Mar 2025 09:46

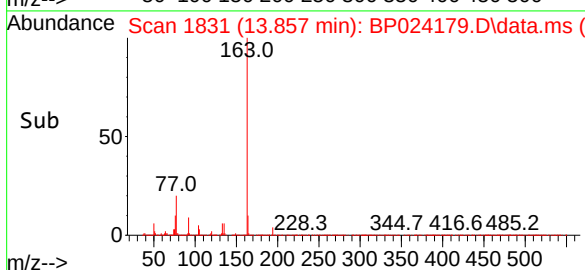
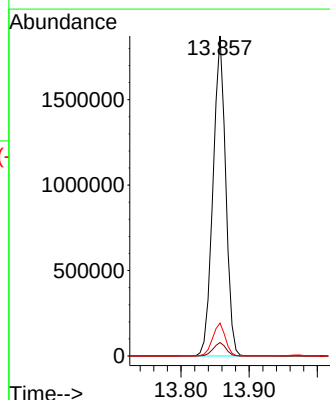
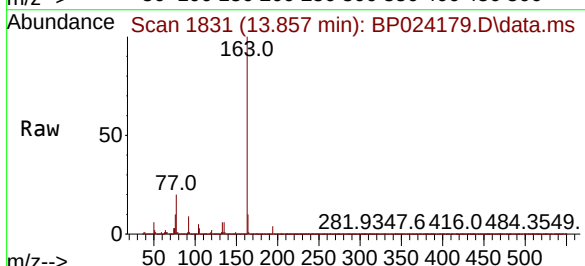
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

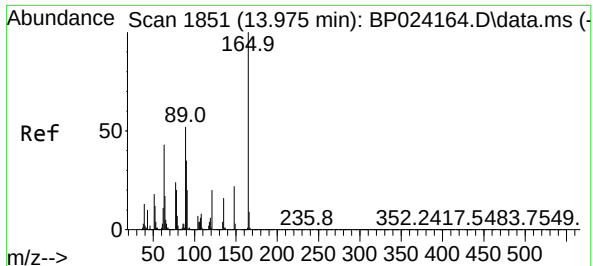
Tgt Ion:152 Resp: 2990433
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 13.2 10.6 15.8



#50
Dimethylphthalate
Concen: 39.090 ng
RT: 13.857 min Scan# 1831
Delta R.T. -0.000 min
Lab File: BP024179.D
Acq: 18 Mar 2025 09:46

Tgt Ion:163 Resp: 2420348
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.3 8.2 12.4

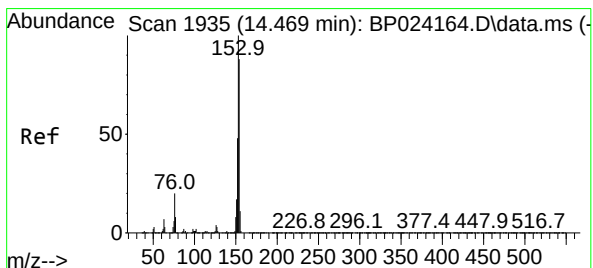
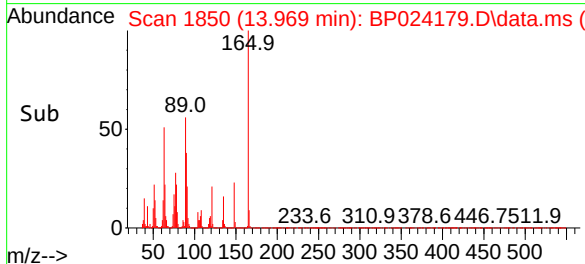
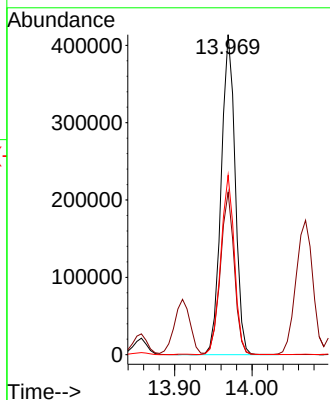
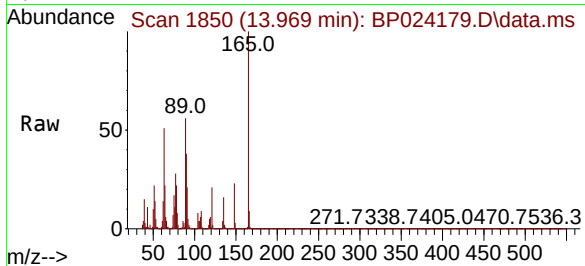




#51
2,6-Dinitrotoluene
Concen: 39.775 ng
RT: 13.969 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BP024179.D
Acq: 18 Mar 2025 09:46

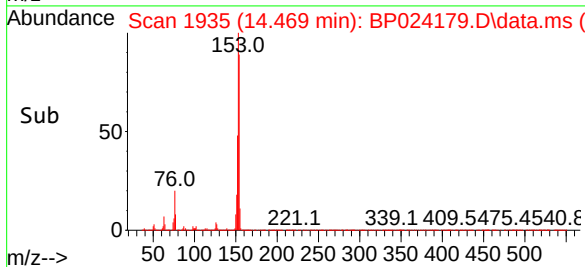
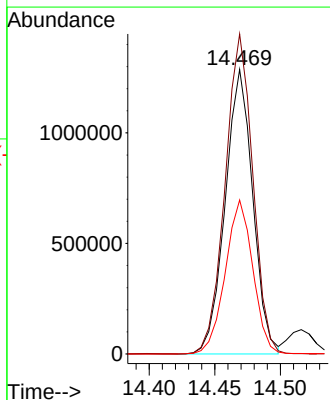
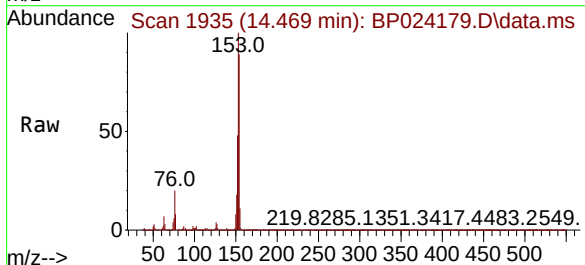
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

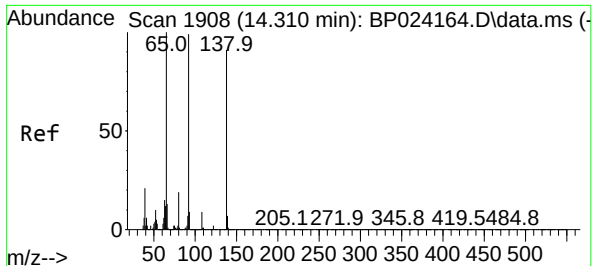
Tgt Ion:165 Resp: 518178
Ion Ratio Lower Upper
165 100
63 50.7 37.7 56.5
89 56.1 41.9 62.9



#52
Acenaphthene
Concen: 38.985 ng
RT: 14.469 min Scan# 1935
Delta R.T. -0.000 min
Lab File: BP024179.D
Acq: 18 Mar 2025 09:46

Tgt Ion:154 Resp: 1885077
Ion Ratio Lower Upper
154 100
153 112.5 90.5 135.7
152 54.1 43.1 64.7

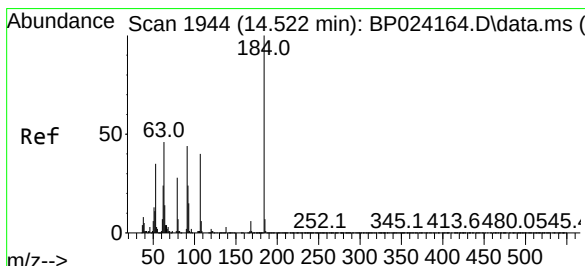
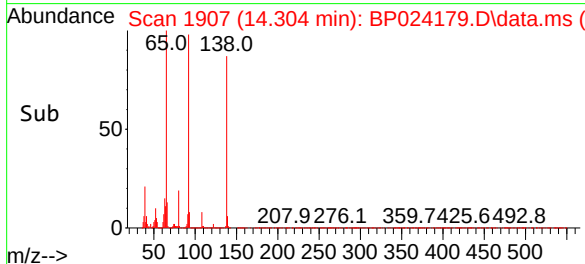
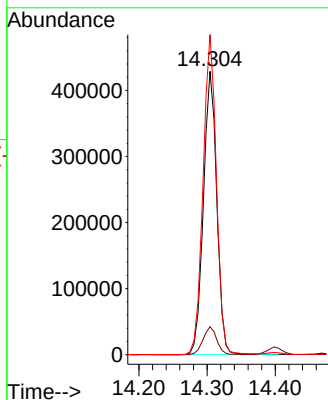
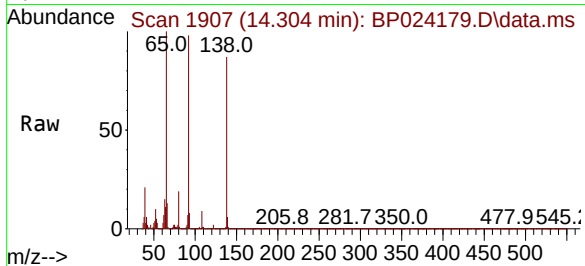




#53
3-Nitroaniline
Concen: 41.588 ng
RT: 14.304 min Scan# 1907
Delta R.T. -0.006 min
Lab File: BP024179.D
Acq: 18 Mar 2025 09:46

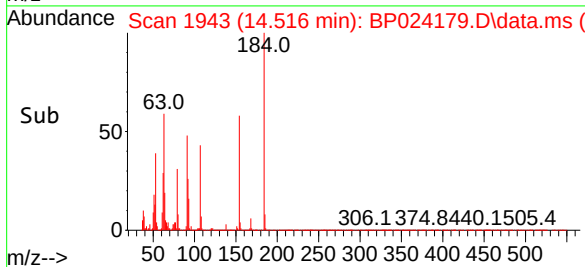
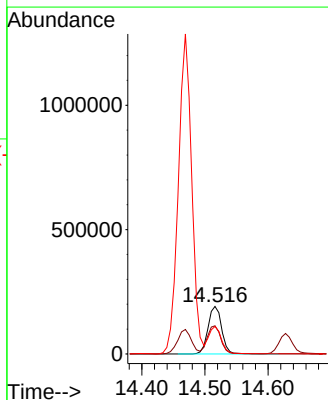
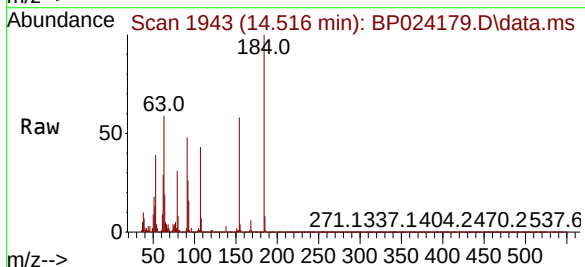
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

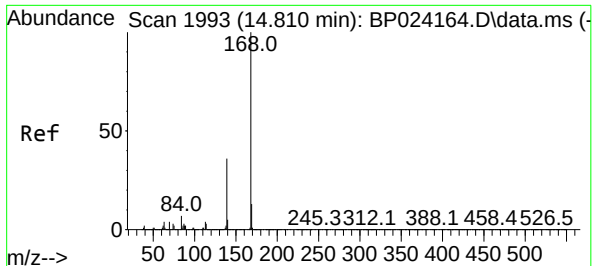
Tgt Ion:138 Resp: 585180
Ion Ratio Lower Upper
138 100
108 9.9 8.2 12.2
92 112.9 86.7 130.1



#54
2,4-Dinitrophenol
Concen: 41.457 ng
RT: 14.516 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BP024179.D
Acq: 18 Mar 2025 09:46

Tgt Ion:184 Resp: 285779
Ion Ratio Lower Upper
184 100
63 59.5 42.1 63.1
154 57.8 44.6 67.0

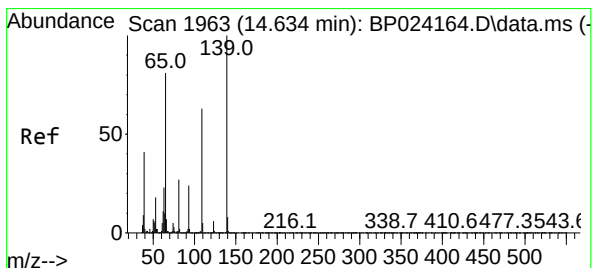
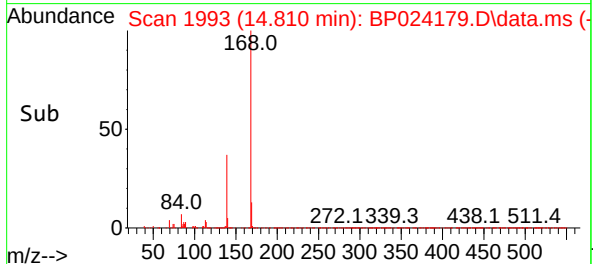
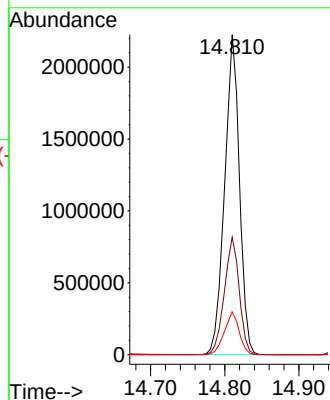
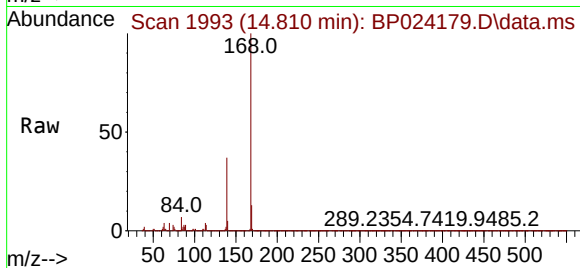




#55
Dibenzenofuran
Concen: 39.341 ng
RT: 14.810 min Scan# 1993
Delta R.T. -0.000 min
Lab File: BP024179.D
Acq: 18 Mar 2025 09:46

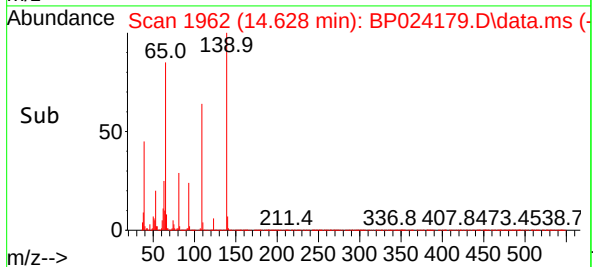
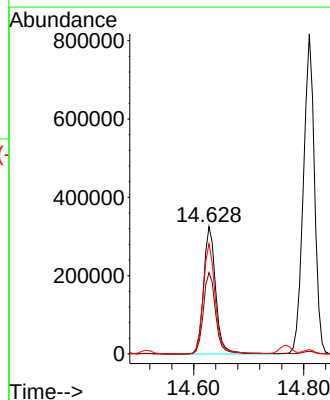
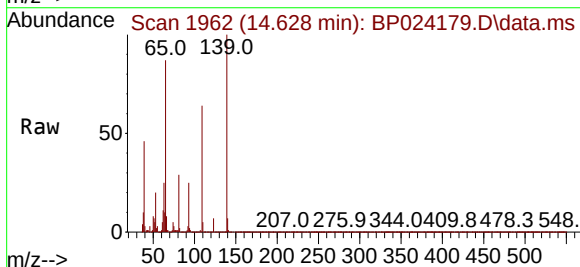
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

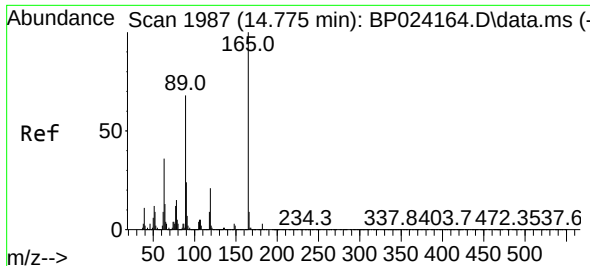
Tgt Ion:168 Resp: 3081319
Ion Ratio Lower Upper
168 100
139 36.7 29.1 43.7
169 13.4 10.8 16.2



#56
4-Nitrophenol
Concen: 42.258 ng
RT: 14.628 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BP024179.D
Acq: 18 Mar 2025 09:46

Tgt Ion:139 Resp: 496832
Ion Ratio Lower Upper
139 100
109 63.8 43.3 83.3
65 86.5 61.2 101.2

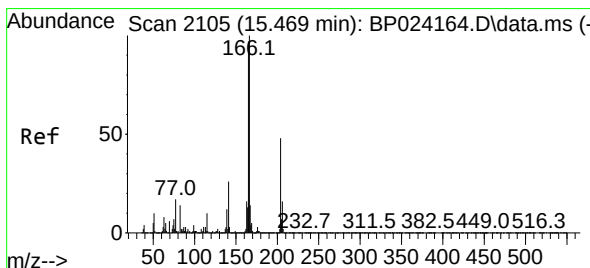
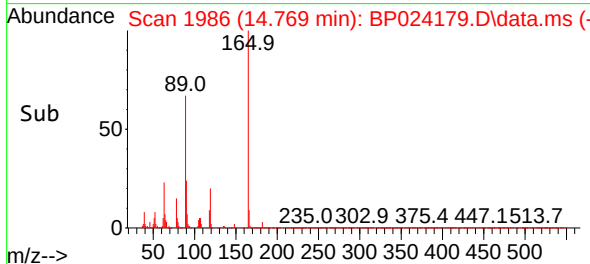
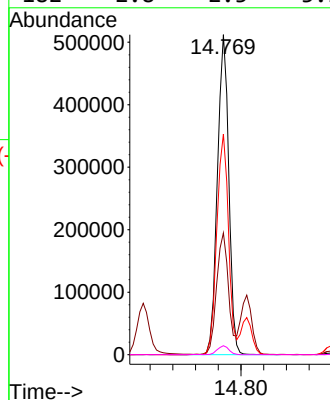
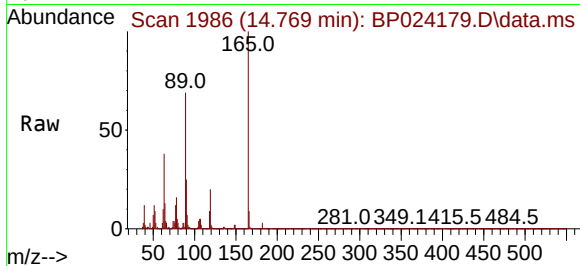




#57
2,4-Dinitrotoluene
Concen: 41.199 ng
RT: 14.769 min Scan# 1987
Delta R.T. -0.006 min
Lab File: BP024179.D
Acq: 18 Mar 2025 09:46

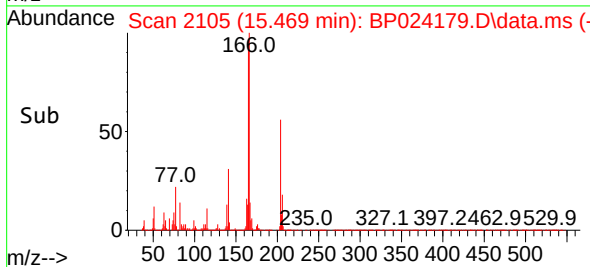
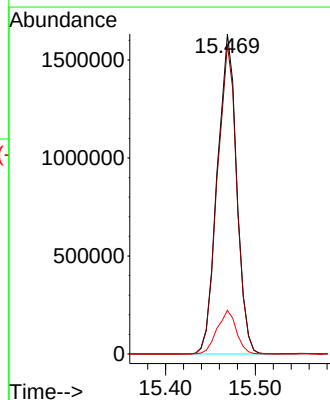
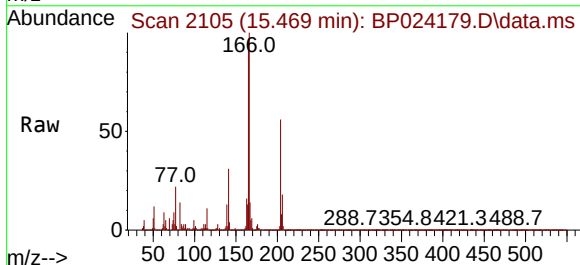
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

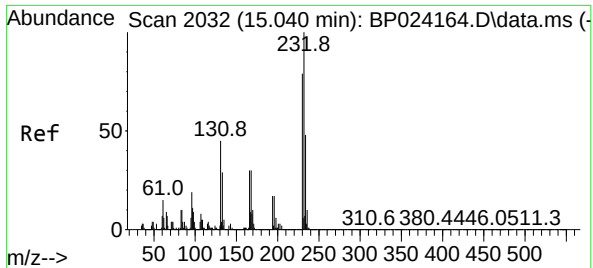
Tgt Ion:165 Resp: 708957
Ion Ratio Lower Upper
165 100
63 38.1 29.0 43.6
89 69.0 54.2 81.4
182 2.8 2.3 3.5



#58
Fluorene
Concen: 40.155 ng
RT: 15.469 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BP024179.D
Acq: 18 Mar 2025 09:46

Tgt Ion:166 Resp: 2450487
Ion Ratio Lower Upper
166 100
165 96.8 77.6 116.4
167 13.6 10.8 16.2

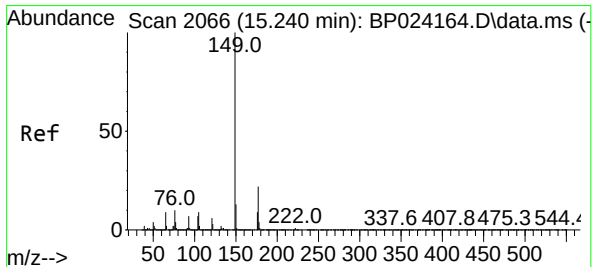
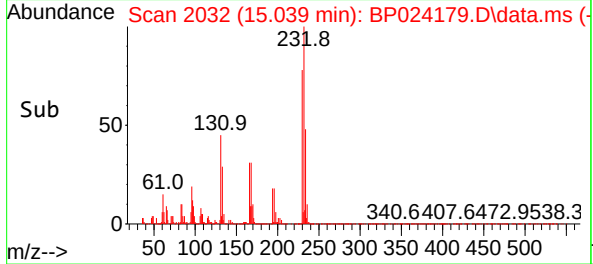
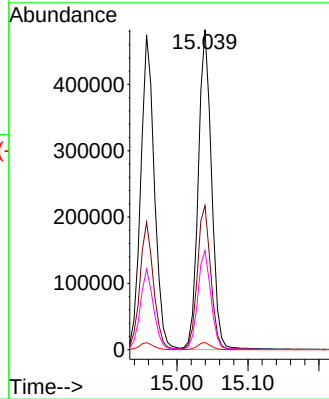
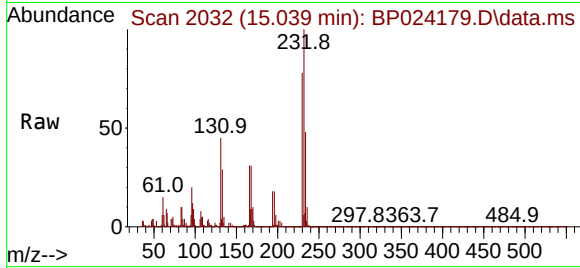




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.705 ng
RT: 15.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BP024179.D
Acq: 18 Mar 2025 09:46

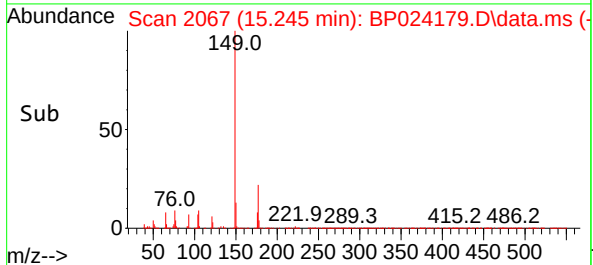
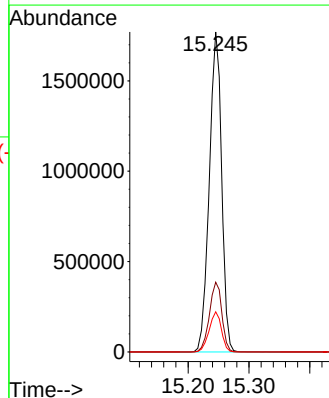
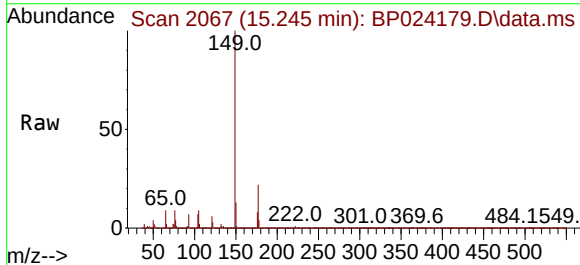
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

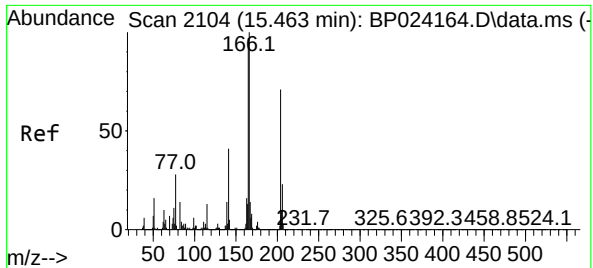
Tgt Ion:232 Resp: 625401
Ion Ratio Lower Upper
232 100
131 45.7 35.9 53.9
130 2.3 1.8 2.6
166 30.8 24.2 36.2



#60
Diethylphthalate
Concen: 40.417 ng
RT: 15.245 min Scan# 2067
Delta R.T. 0.006 min
Lab File: BP024179.D
Acq: 18 Mar 2025 09:46

Tgt Ion:149 Resp: 2492057
Ion Ratio Lower Upper
149 100
177 21.8 17.7 26.5
150 12.6 10.2 15.4

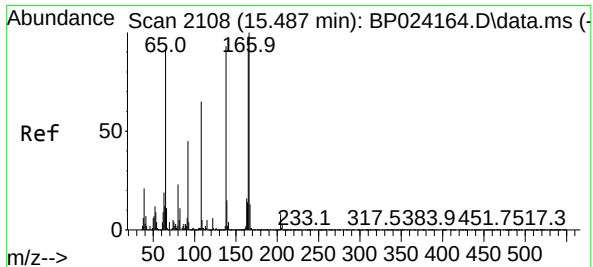
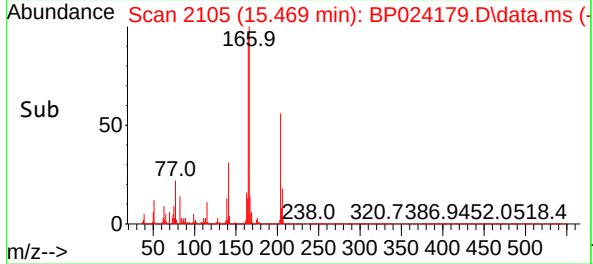
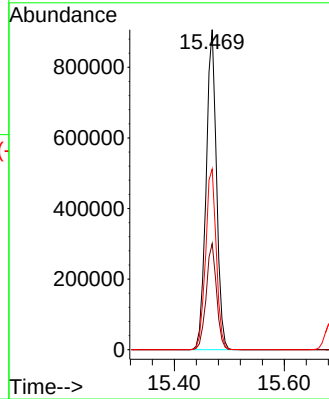
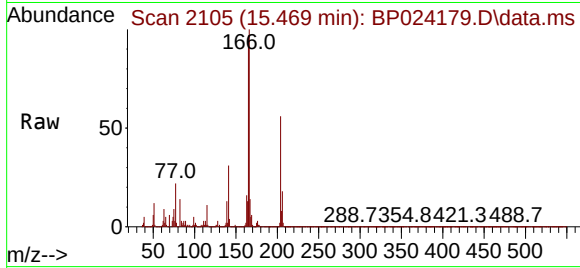




#61
4-Chlorophenyl-phenylether
Concen: 39.656 ng
RT: 15.469 min Scan# 2104
Delta R.T. 0.006 min
Lab File: BP024179.D
Acq: 18 Mar 2025 09:46

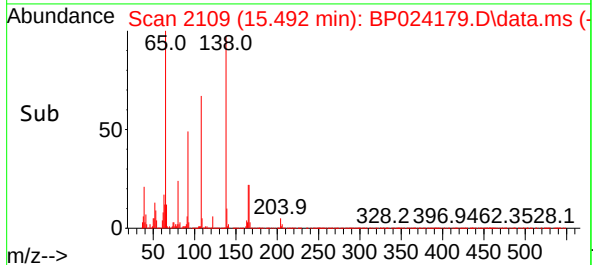
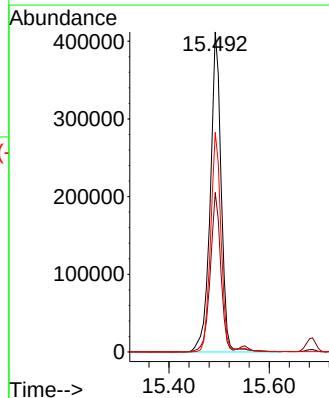
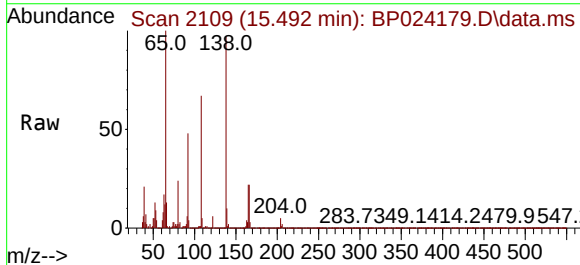
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

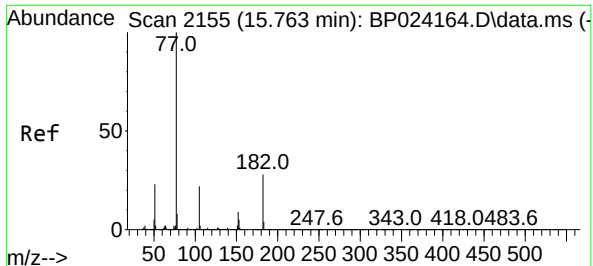
Tgt Ion:204 Resp: 1186961
Ion Ratio Lower Upper
204 100
206 33.1 26.4 39.6
141 56.4 45.8 68.8



#62
4-Nitroaniline
Concen: 42.156 ng
RT: 15.492 min Scan# 2109
Delta R.T. 0.006 min
Lab File: BP024179.D
Acq: 18 Mar 2025 09:46

Tgt Ion:138 Resp: 622117
Ion Ratio Lower Upper
138 100
92 49.9 28.7 68.7
108 68.6 49.5 89.5

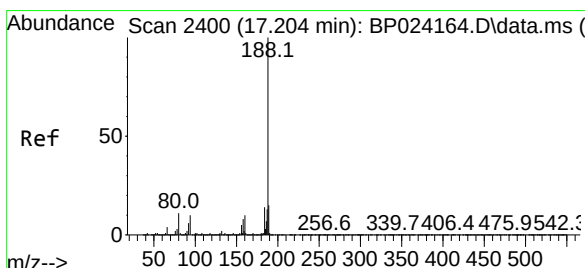
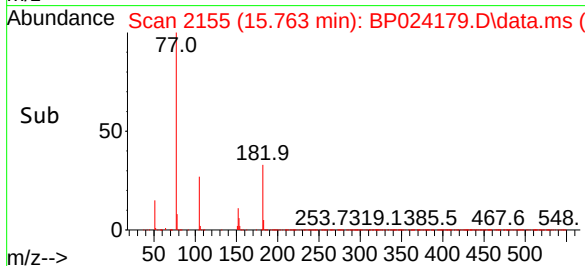
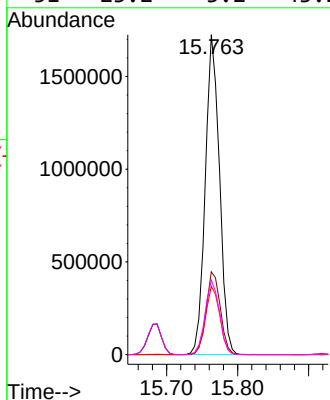
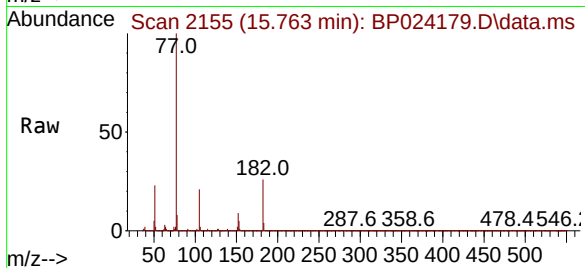




#63
Azobenzene
Concen: 41.202 ng
RT: 15.763 min Scan# 2155
Delta R.T. -0.000 min
Lab File: BP024179.D
Acq: 18 Mar 2025 09:46

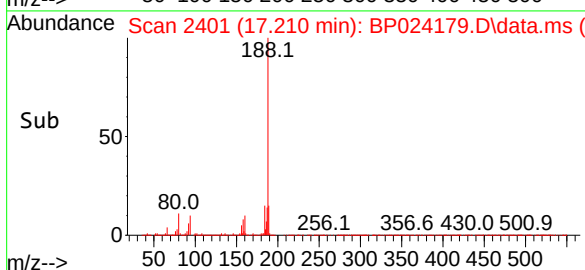
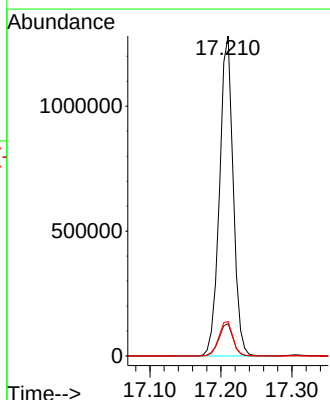
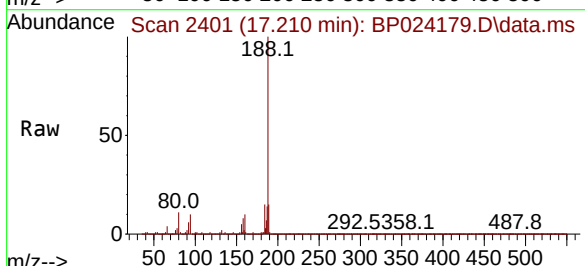
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

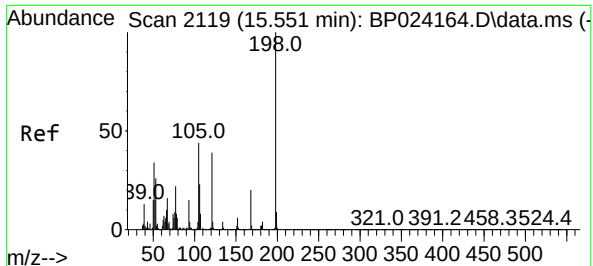
Tgt Ion: 77 Resp: 2394485
Ion Ratio Lower Upper
77 100
182 25.9 7.7 47.7
105 21.4 2.3 42.3
51 23.2 3.2 43.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2401
Delta R.T. 0.006 min
Lab File: BP024179.D
Acq: 18 Mar 2025 09:46

Tgt Ion:188 Resp: 1703415
Ion Ratio Lower Upper
188 100
94 10.1 8.1 12.1
80 10.7 8.9 13.3

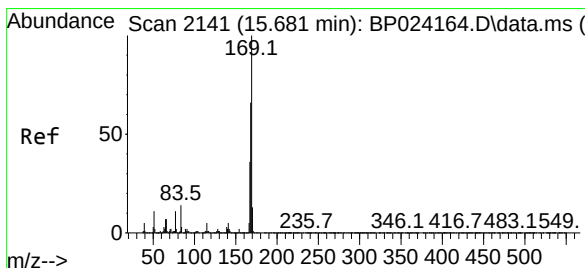
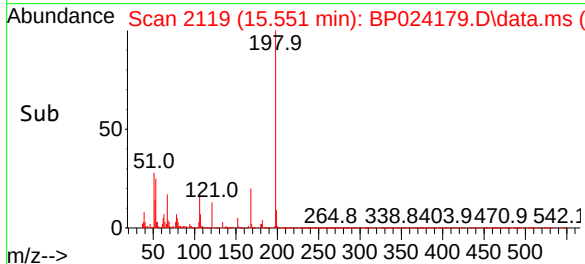
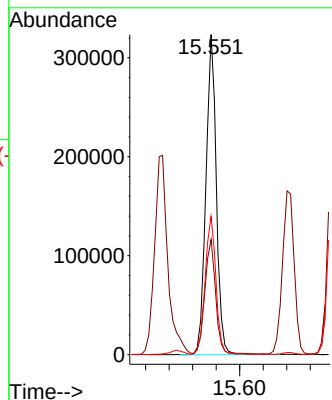
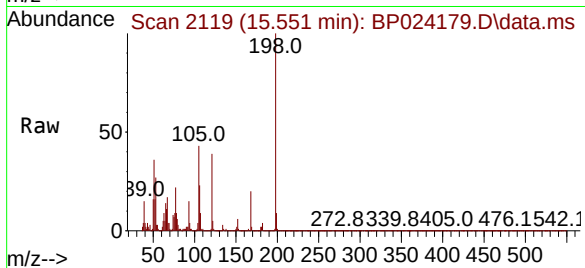




#65
4,6-Dinitro-2-methylphenol
Concen: 39.363 ng
RT: 15.551 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BP024179.D
Acq: 18 Mar 2025 09:46

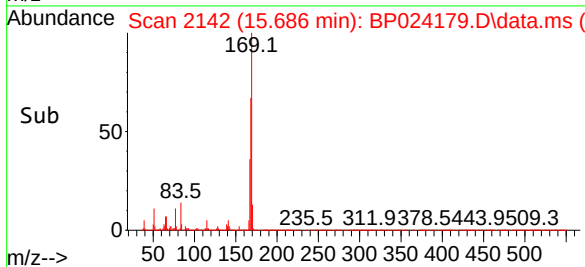
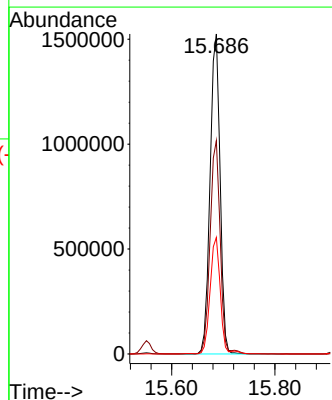
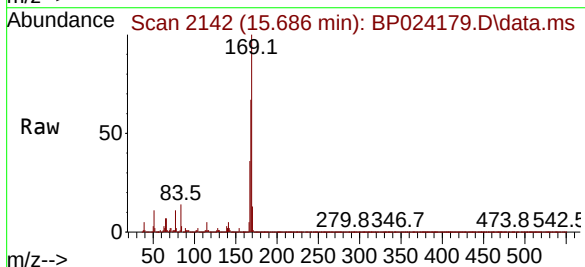
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

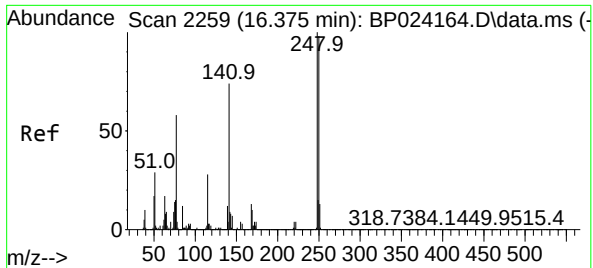
Tgt Ion:198 Resp: 398060
Ion Ratio Lower Upper
198 100
51 36.0 14.7 54.7
105 43.2 23.8 63.8



#66
n-Nitrosodiphenylamine
Concen: 39.508 ng
RT: 15.686 min Scan# 2142
Delta R.T. 0.006 min
Lab File: BP024179.D
Acq: 18 Mar 2025 09:46

Tgt Ion:169 Resp: 2043640
Ion Ratio Lower Upper
169 100
168 66.6 52.9 79.3
167 36.4 28.8 43.2

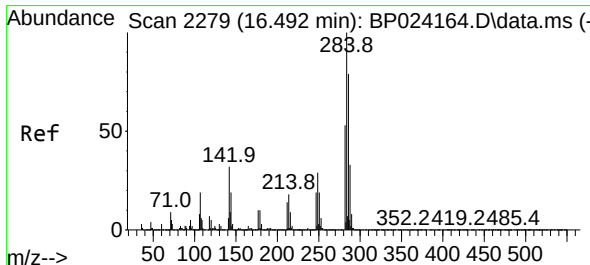
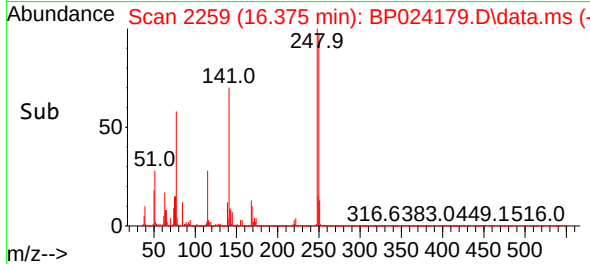
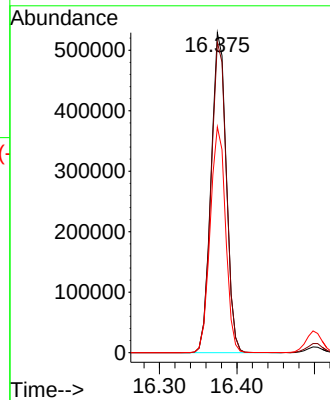
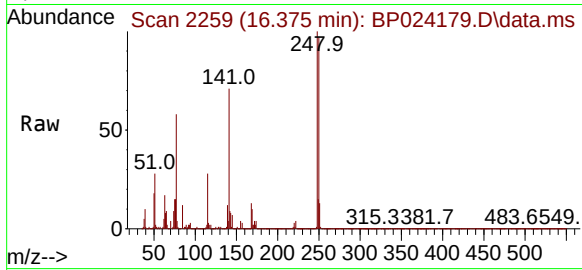




#67
4-Bromophenyl-phenylether
Concen: 38.544 ng
RT: 16.375 min Scan# 2259
Delta R.T. -0.000 min
Lab File: BP024179.D
Acq: 18 Mar 2025 09:46

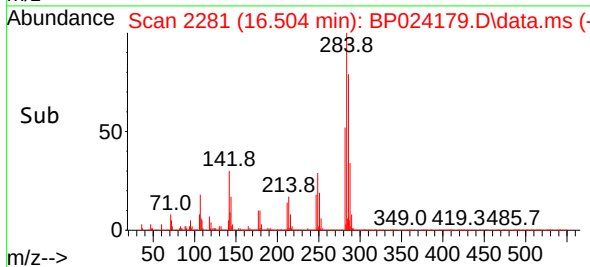
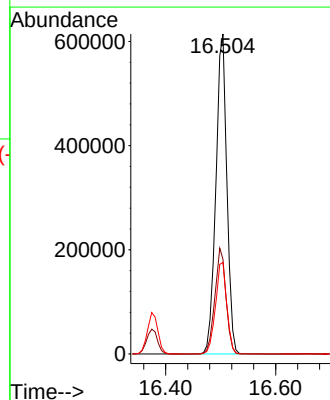
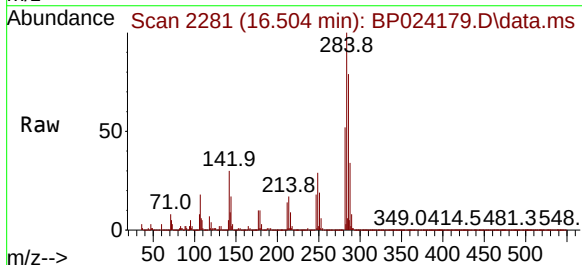
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

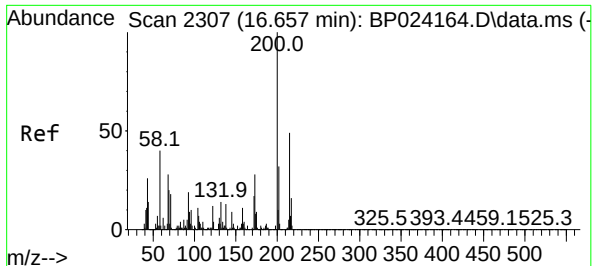
Tgt Ion:248 Resp: 720854
Ion Ratio Lower Upper
248 100
250 97.0 78.4 117.6
141 70.6 59.4 89.0



#68
Hexachlorobenzene
Concen: 38.545 ng
RT: 16.504 min Scan# 2281
Delta R.T. 0.012 min
Lab File: BP024179.D
Acq: 18 Mar 2025 09:46

Tgt Ion:284 Resp: 853222
Ion Ratio Lower Upper
284 100
142 29.6 25.4 38.2
249 28.6 23.5 35.3

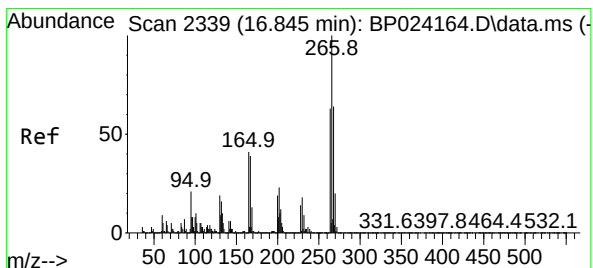
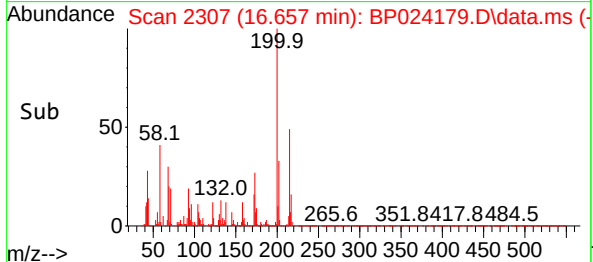
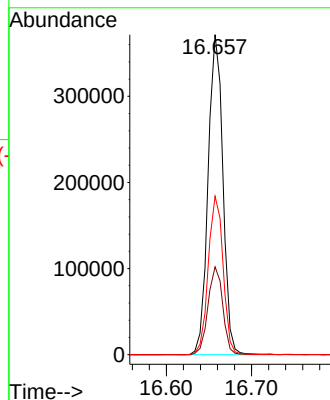
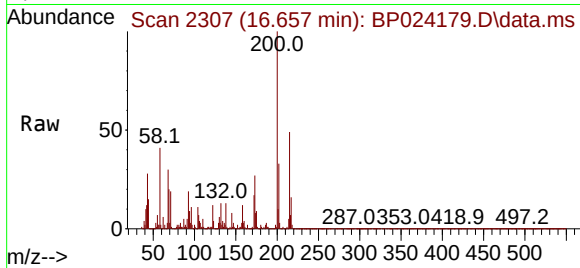




#69
Atrazine
Concen: 35.864 ng
RT: 16.657 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024179.D
Acq: 18 Mar 2025 09:46

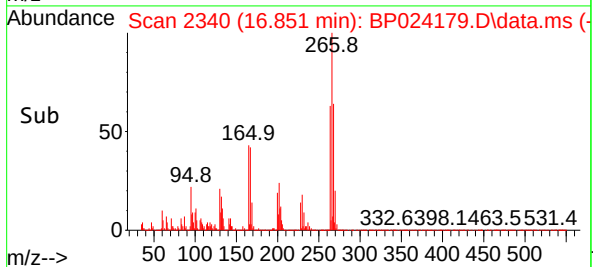
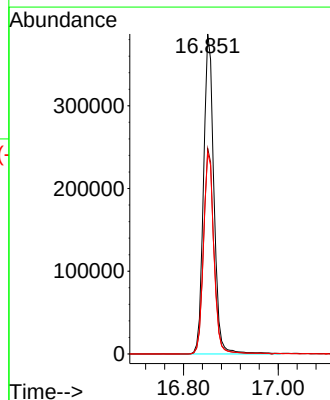
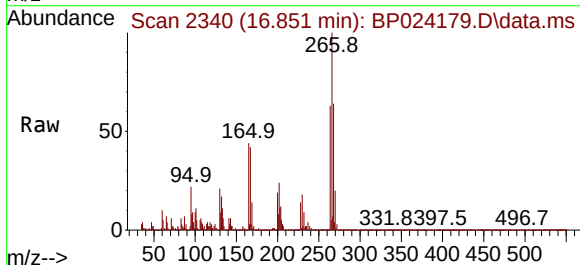
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

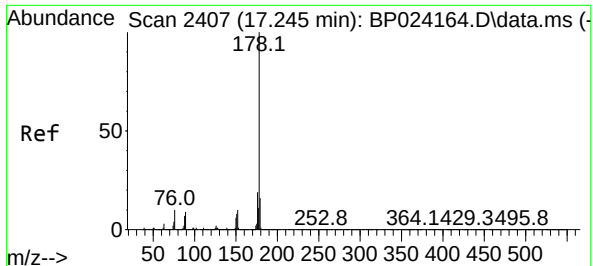
Tgt Ion:200 Resp: 447764
Ion Ratio Lower Upper
200 100
173 27.5 7.6 47.6
215 49.5 29.0 69.0



#70
Pentachlorophenol
Concen: 40.942 ng
RT: 16.851 min Scan# 2340
Delta R.T. 0.006 min
Lab File: BP024179.D
Acq: 18 Mar 2025 09:46

Tgt Ion:266 Resp: 586080
Ion Ratio Lower Upper
266 100
268 64.2 51.3 76.9
264 62.8 50.6 76.0

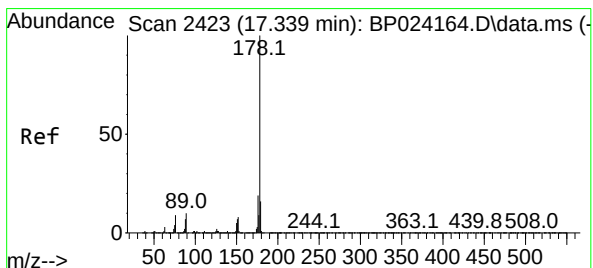
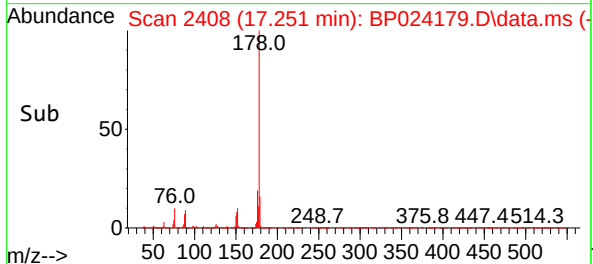
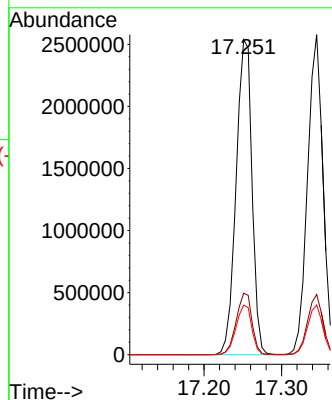
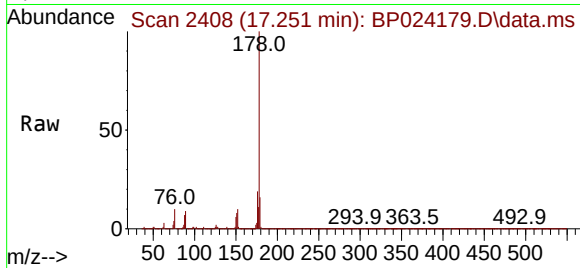




#71
Phenanthrene
Concen: 38.931 ng
RT: 17.251 min Scan# 2408
Delta R.T. 0.006 min
Lab File: BP024179.D
Acq: 18 Mar 2025 09:46

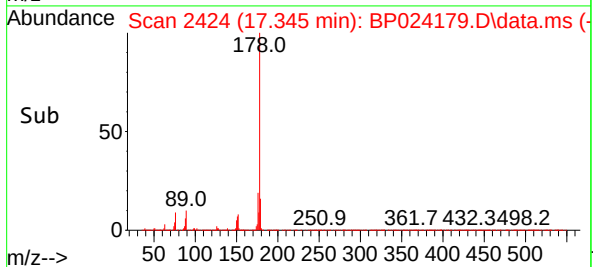
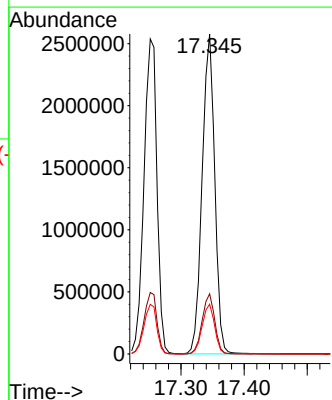
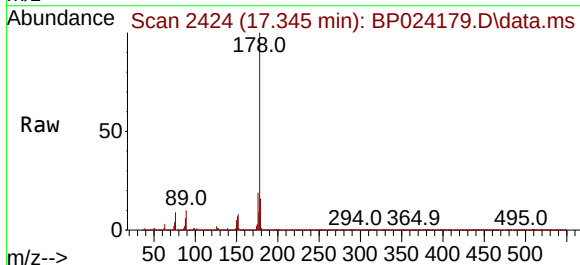
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

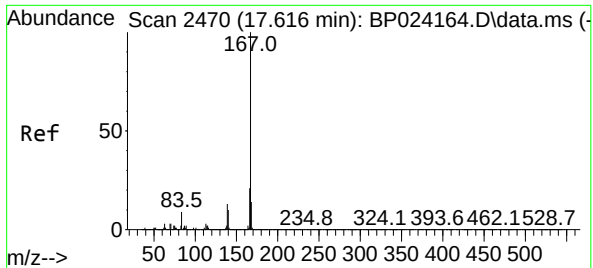
Tgt Ion:178 Resp: 3622819
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.7 12.5 18.7



#72
Anthracene
Concen: 39.340 ng
RT: 17.345 min Scan# 2424
Delta R.T. 0.006 min
Lab File: BP024179.D
Acq: 18 Mar 2025 09:46

Tgt Ion:178 Resp: 3565540
Ion Ratio Lower Upper
178 100
176 18.8 15.2 22.8
179 15.6 12.6 18.8

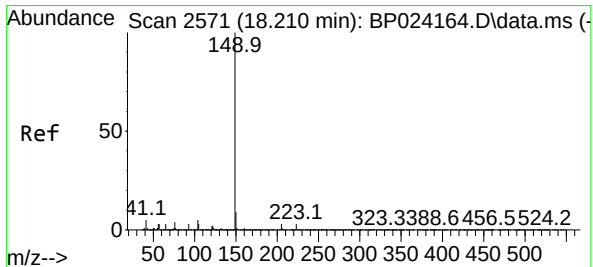
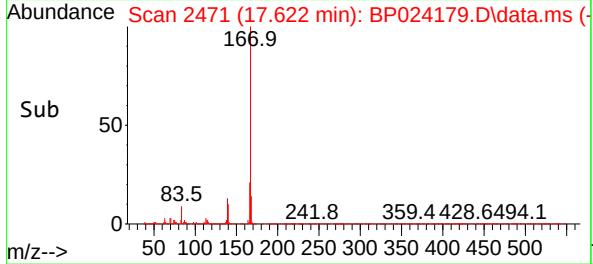
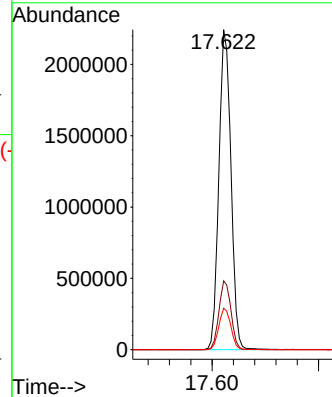
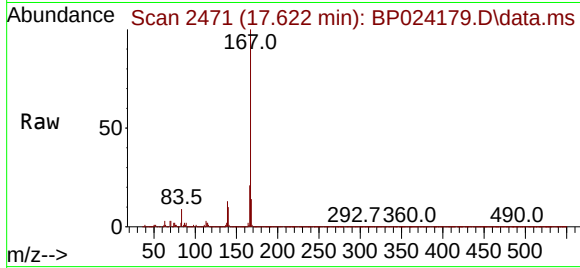




#73
 Carbazole
 Concen: 40.224 ng
 RT: 17.622 min Scan# 2470
 Delta R.T. 0.006 min
 Lab File: BP024179.D
 Acq: 18 Mar 2025 09:46

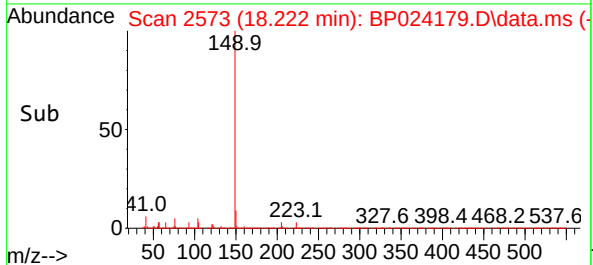
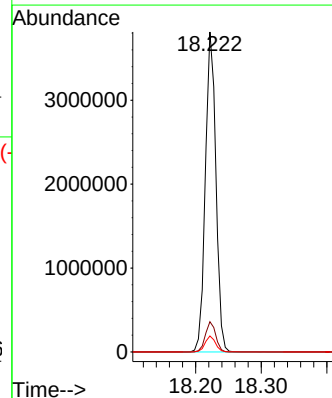
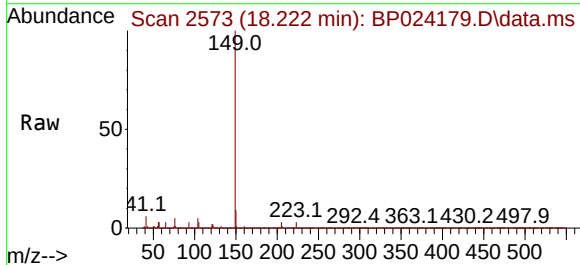
Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

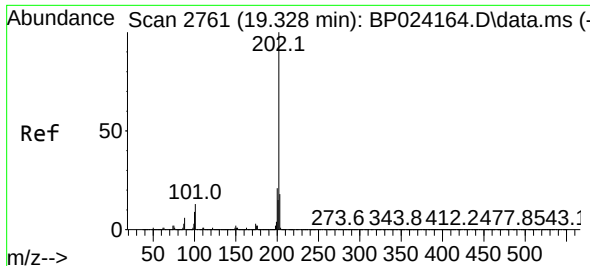
Tgt Ion:167 Resp: 3515758
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.1 25.7
 139 12.9 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 41.136 ng
 RT: 18.222 min Scan# 2573
 Delta R.T. 0.012 min
 Lab File: BP024179.D
 Acq: 18 Mar 2025 09:46

Tgt Ion:149 Resp: 4268189
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.6 11.4
 104 5.0 3.9 5.9

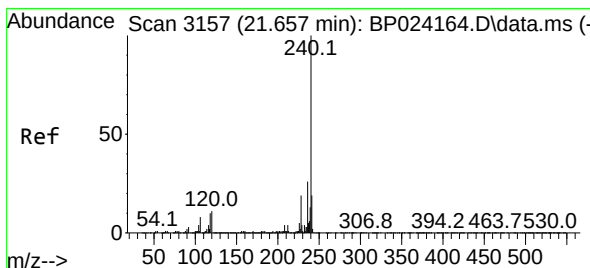
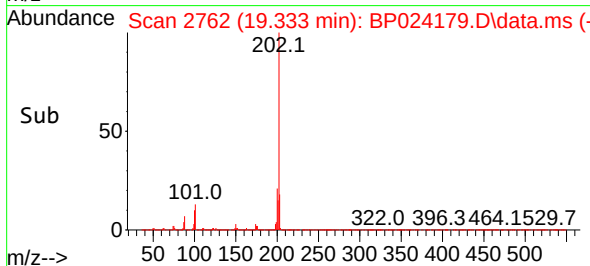
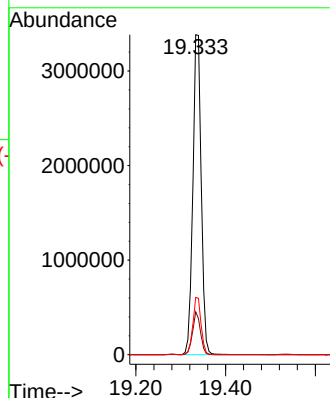
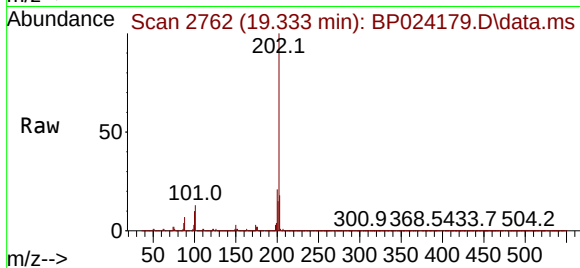




#75
Fluoranthene
Concen: 40.602 ng
RT: 19.333 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024179.D
Acq: 18 Mar 2025 09:46

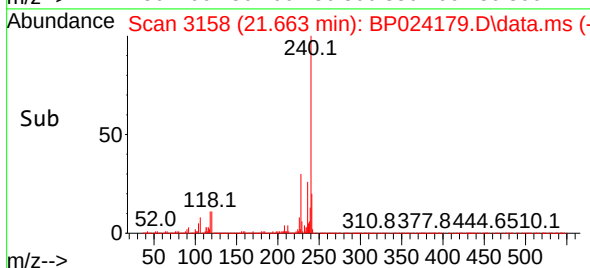
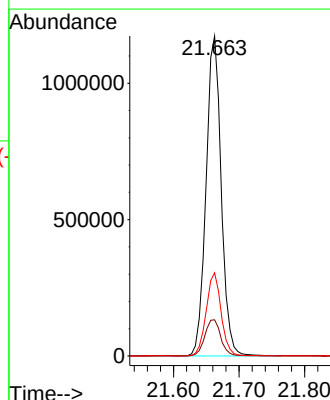
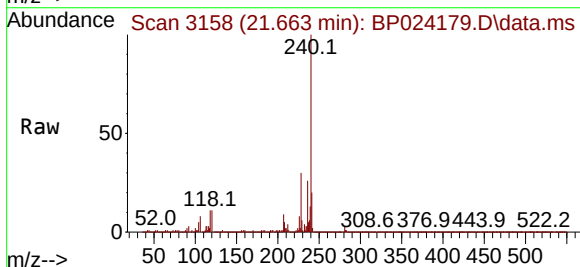
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

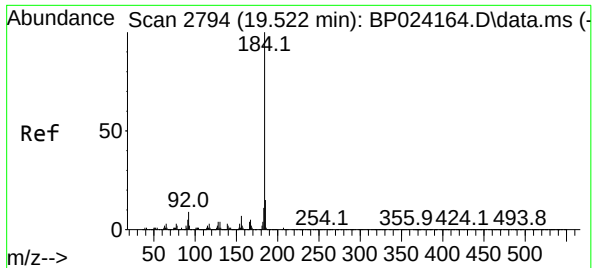
Tgt Ion:202 Resp: 4375962
Ion Ratio Lower Upper
202 100
101 13.4 0.0 32.5
203 17.9 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.663 min Scan# 3158
Delta R.T. 0.006 min
Lab File: BP024179.D
Acq: 18 Mar 2025 09:46

Tgt Ion:240 Resp: 1890510
Ion Ratio Lower Upper
240 100
120 11.3 9.2 13.8
236 26.0 20.4 30.6

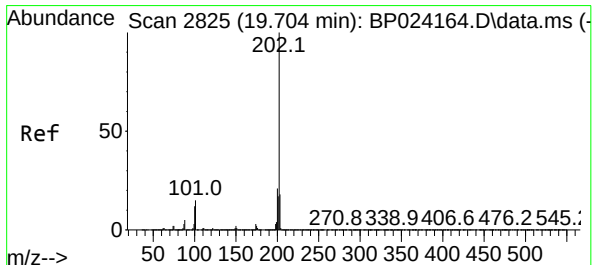
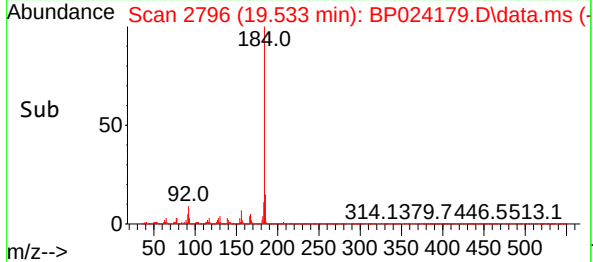
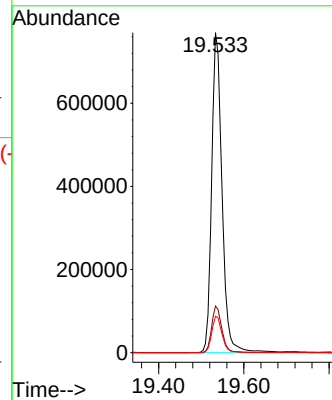
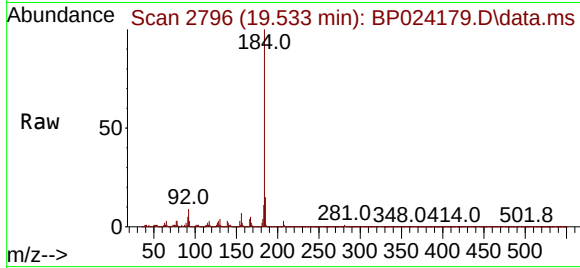




#77
Benzidine
Concen: 63.094 ng
RT: 19.533 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024179.D
Acq: 18 Mar 2025 09:46

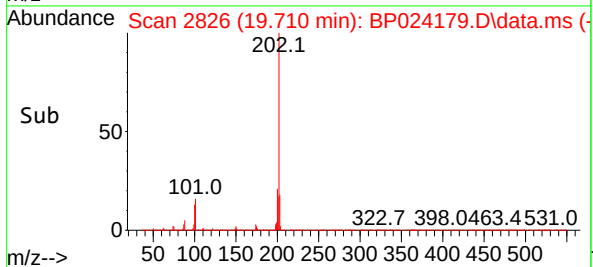
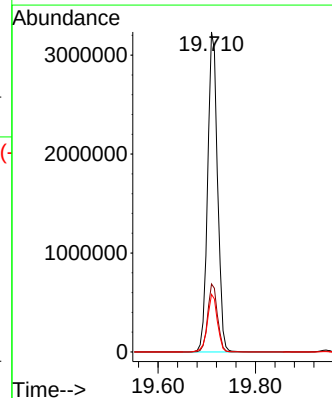
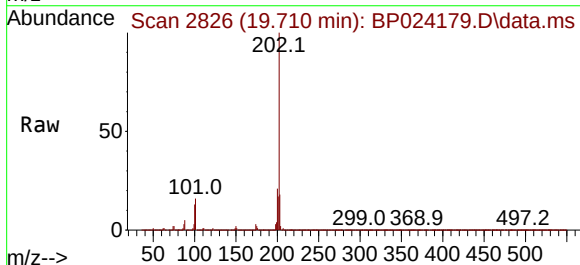
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

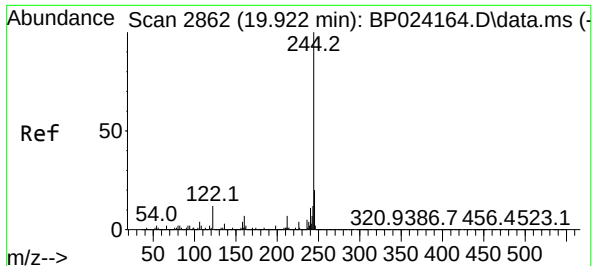
Tgt Ion:184 Resp: 1304135
Ion Ratio Lower Upper
184 100
185 14.6 11.8 17.6
183 11.4 9.1 13.7



#78
Pyrene
Concen: 38.676 ng
RT: 19.710 min Scan# 2826
Delta R.T. 0.006 min
Lab File: BP024179.D
Acq: 18 Mar 2025 09:46

Tgt Ion:202 Resp: 4545700
Ion Ratio Lower Upper
202 100
200 21.2 17.1 25.7
203 18.0 14.2 21.4





#79

Terphenyl-d14

Concen: 79.334 ng

RT: 19.945 min Scan# 2866

Delta R.T. 0.023 min

Lab File: BP024179.D

Acq: 18 Mar 2025 09:46

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

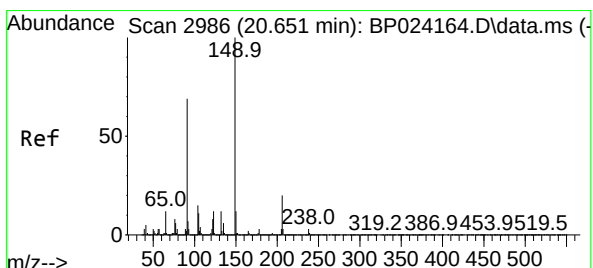
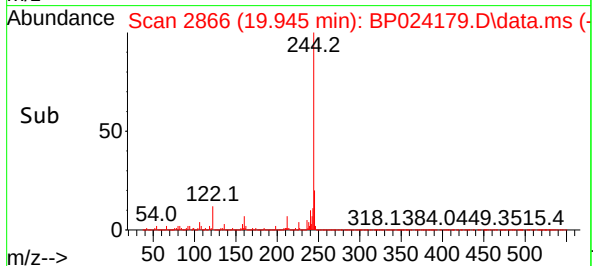
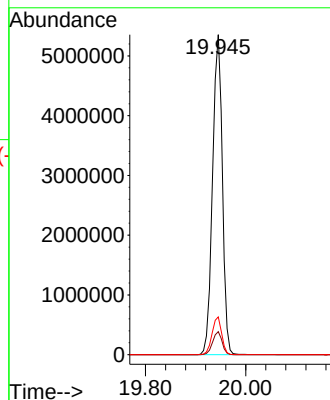
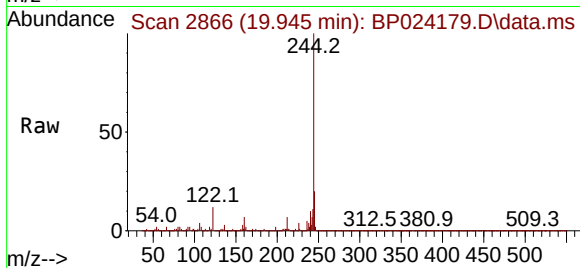
Tgt Ion:244 Resp: 7265750

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

122 11.8 9.6 14.4



#80

Butylbenzylphthalate

Concen: 39.631 ng

RT: 20.669 min Scan# 2989

Delta R.T. 0.018 min

Lab File: BP024179.D

Acq: 18 Mar 2025 09:46

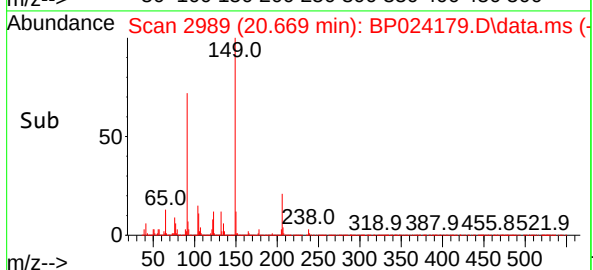
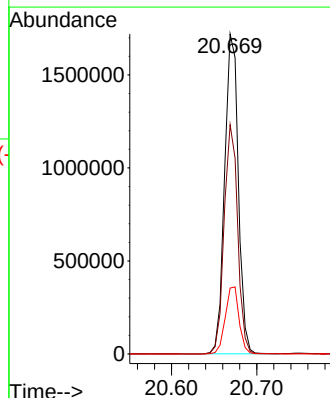
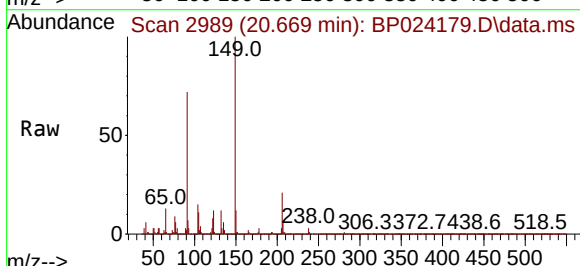
Tgt Ion:149 Resp: 1920845

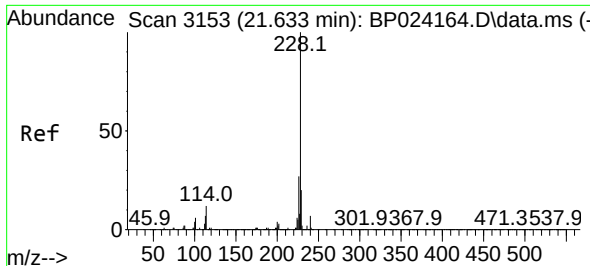
Ion Ratio Lower Upper

149 100

91 71.7 55.3 82.9

206 20.6 16.1 24.1

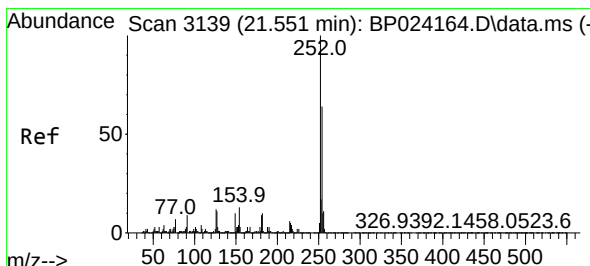
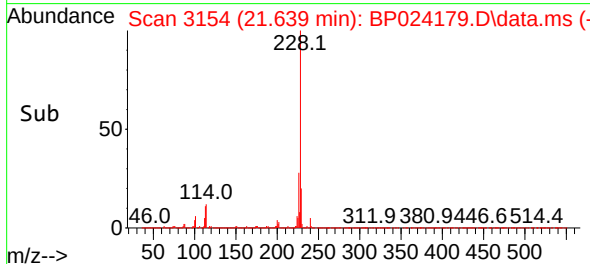
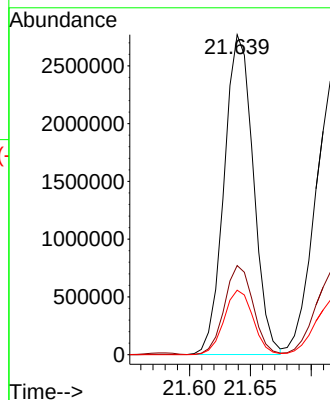
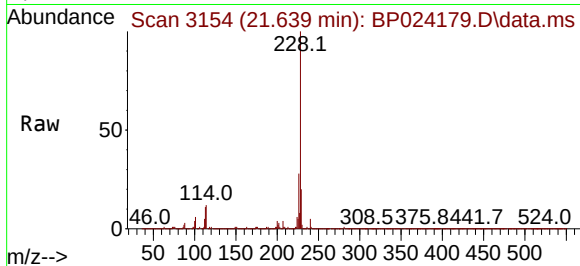




#81
Benzo(a)anthracene
Concen: 39.207 ng
RT: 21.639 min Scan# 3153
Delta R.T. 0.006 min
Lab File: BP024179.D
Acq: 18 Mar 2025 09:46

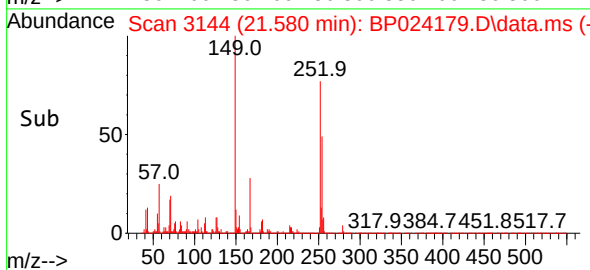
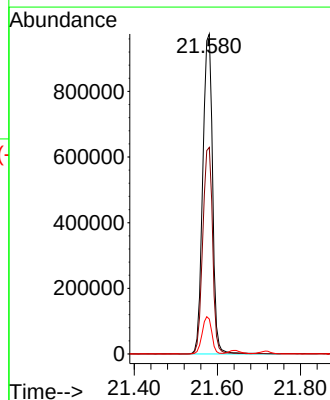
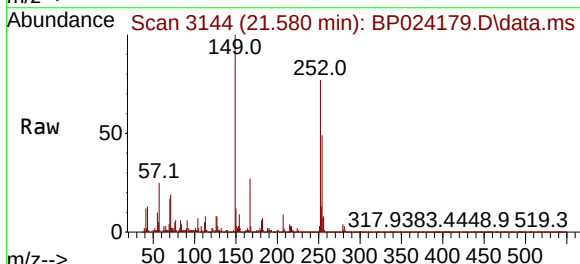
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

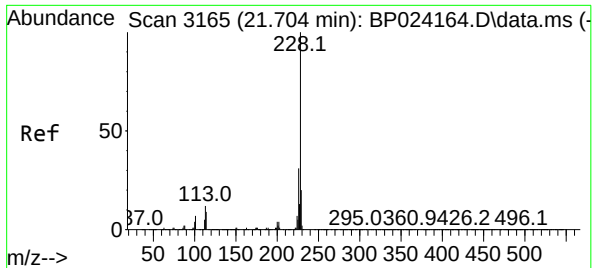
Tgt Ion:228 Resp: 4608321
Ion Ratio Lower Upper
228 100
226 27.9 21.8 32.8
229 20.1 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 40.532 ng
RT: 21.580 min Scan# 3144
Delta R.T. 0.029 min
Lab File: BP024179.D
Acq: 18 Mar 2025 09:46

Tgt Ion:252 Resp: 1596696
Ion Ratio Lower Upper
252 100
254 64.6 51.4 77.2
126 10.9 9.3 13.9





#83

Chrysene

Concen: 38.470 ng

RT: 21.716 min Scan# 3167

Delta R.T. 0.012 min

Lab File: BP024179.D

Acq: 18 Mar 2025 09:46

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

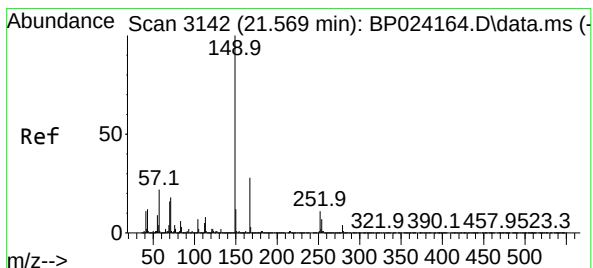
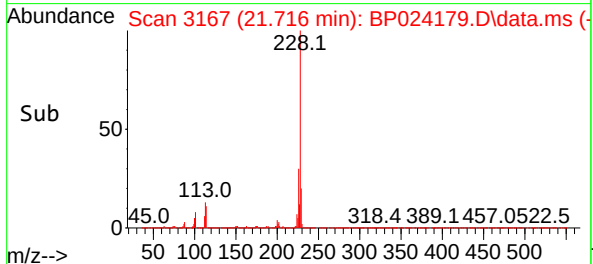
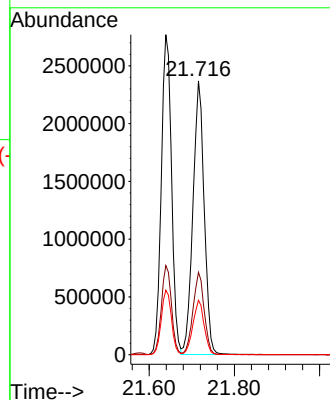
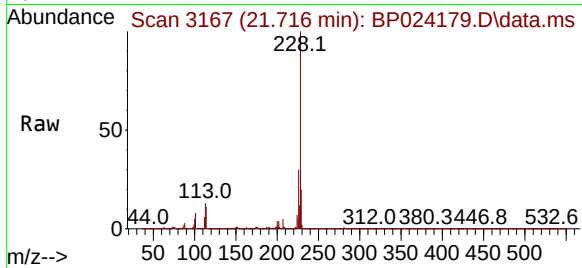
Tgt Ion:228 Resp: 4346749

Ion Ratio Lower Upper

228 100

226 30.1 24.5 36.7

229 19.9 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.975 ng

RT: 21.592 min Scan# 3146

Delta R.T. 0.023 min

Lab File: BP024179.D

Acq: 18 Mar 2025 09:46

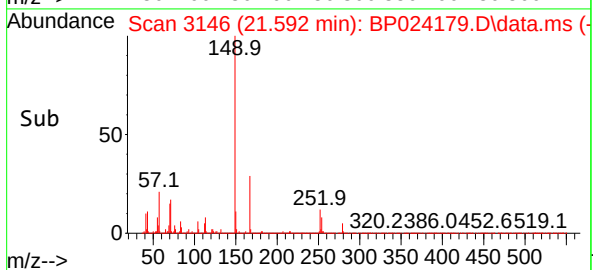
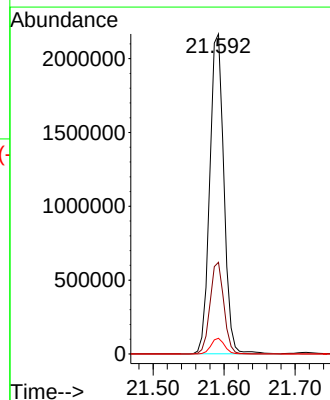
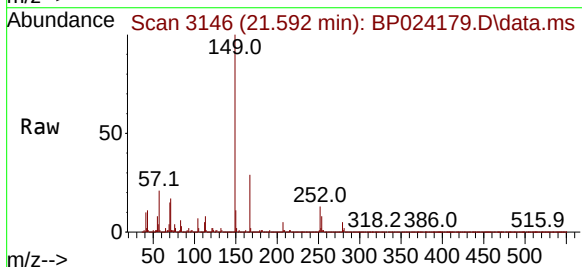
Tgt Ion:149 Resp: 2996619

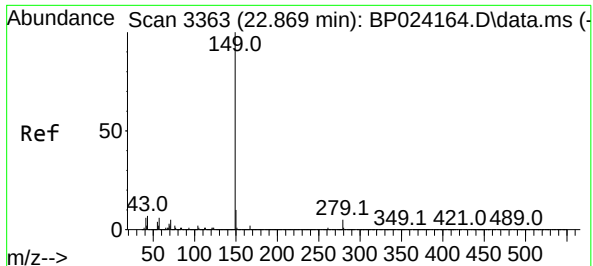
Ion Ratio Lower Upper

149 100

167 28.7 22.5 33.7

279 4.9 3.6 5.4

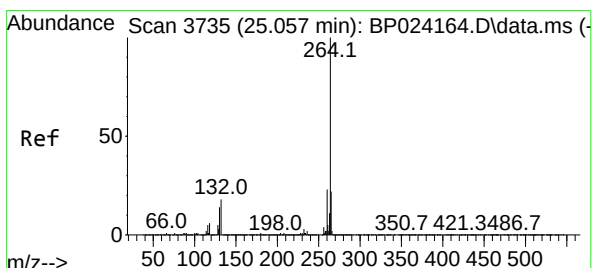
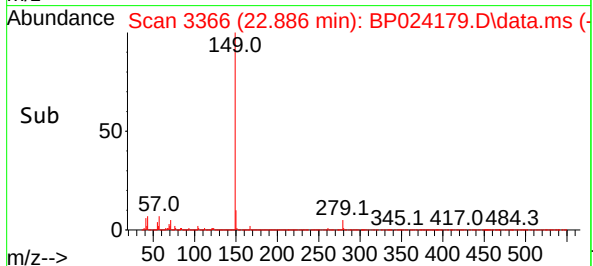
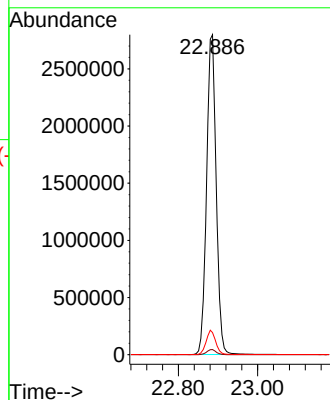
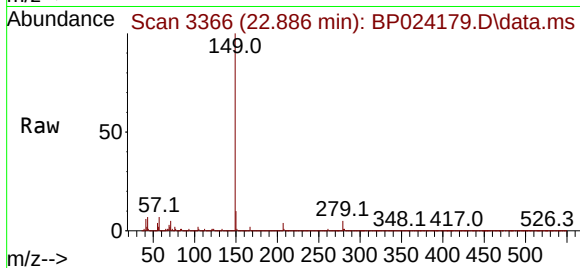




#85
Di-n-octyl phthalate
Concen: 40.179 ng
RT: 22.886 min Scan# 31
Delta R.T. 0.018 min
Lab File: BP024179.D
Acq: 18 Mar 2025 09:46

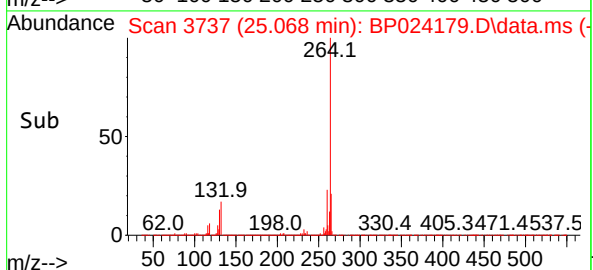
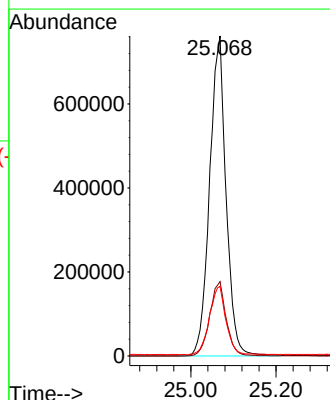
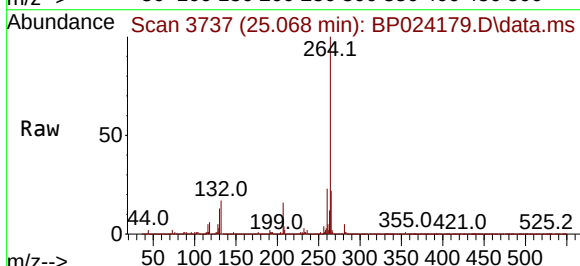
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

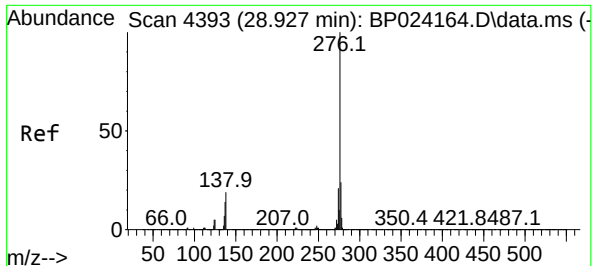
Tgt Ion:149 Resp: 4707992
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.5 5.8 8.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.068 min Scan# 3737
Delta R.T. 0.012 min
Lab File: BP024179.D
Acq: 18 Mar 2025 09:46

Tgt Ion:264 Resp: 2037052
Ion Ratio Lower Upper
264 100
260 23.2 18.5 27.7
265 21.8 17.7 26.5

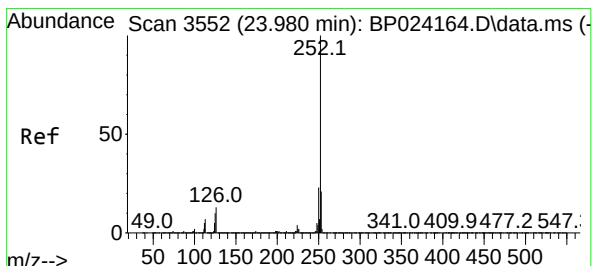
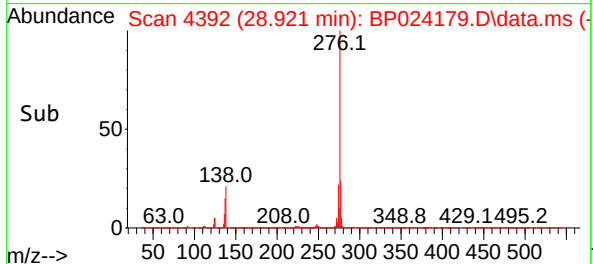
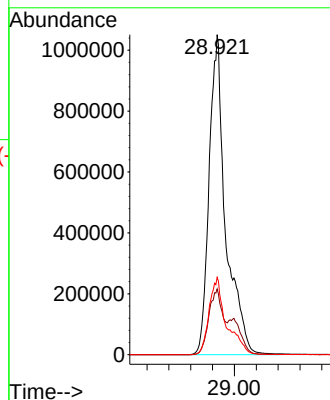
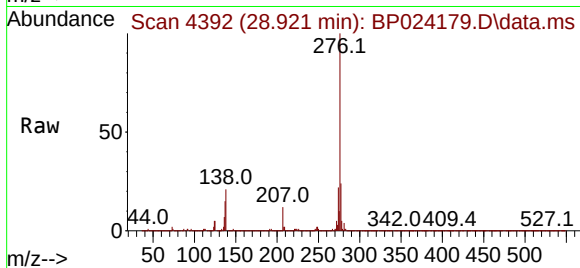




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 38.885 ng
 RT: 28.921 min Scan# 4392
 Delta R.T. -0.006 min
 Lab File: BP024179.D
 Acq: 18 Mar 2025 09:46

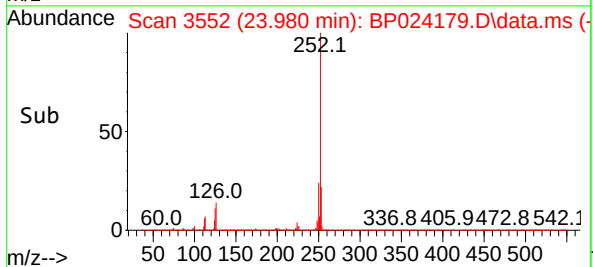
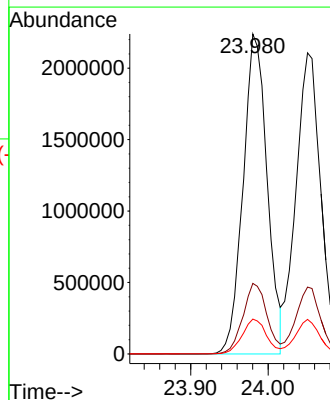
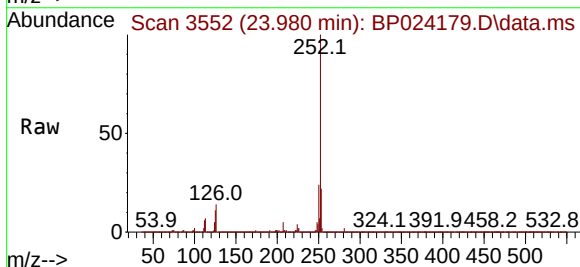
Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

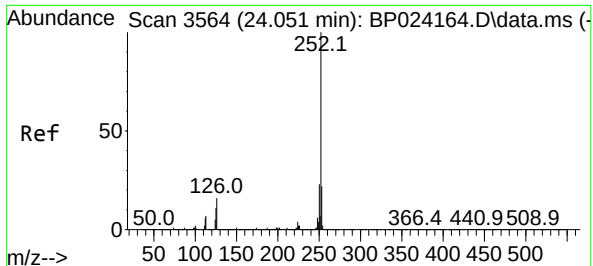
Tgt Ion:276 Resp: 5528343
 Ion Ratio Lower Upper
 276 100
 138 17.8 13.7 20.5
 277 25.2 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 39.318 ng
 RT: 23.980 min Scan# 3552
 Delta R.T. -0.000 min
 Lab File: BP024179.D
 Acq: 18 Mar 2025 09:46

Tgt Ion:252 Resp: 4829147
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.2 25.8
 125 10.9 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 39.354 ng

RT: 24.051 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP024179.D

Acq: 18 Mar 2025 09:46

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

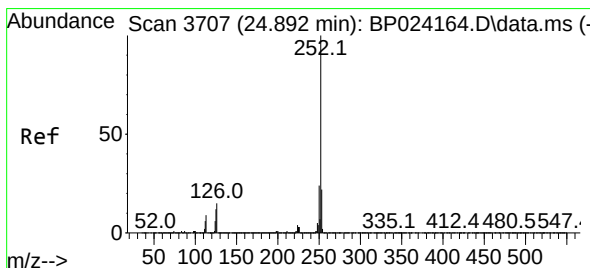
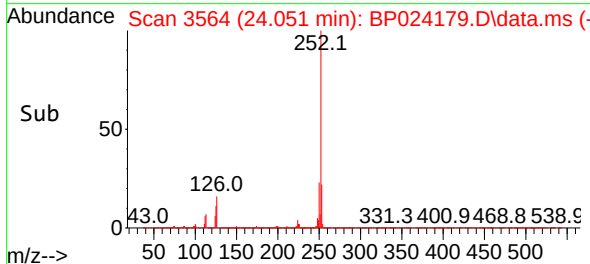
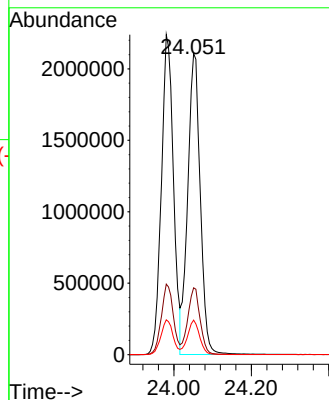
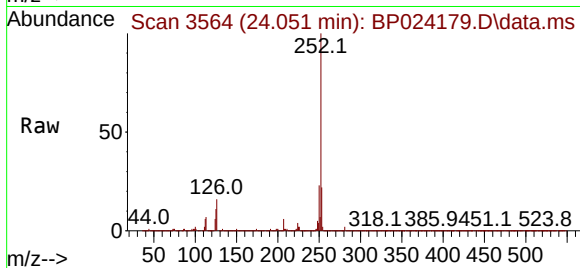
Tgt Ion:252 Resp: 4728060

Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 11.5 9.1 13.7



#90

Benzo(a)pyrene

Concen: 39.179 ng

RT: 24.898 min Scan# 3708

Delta R.T. 0.006 min

Lab File: BP024179.D

Acq: 18 Mar 2025 09:46

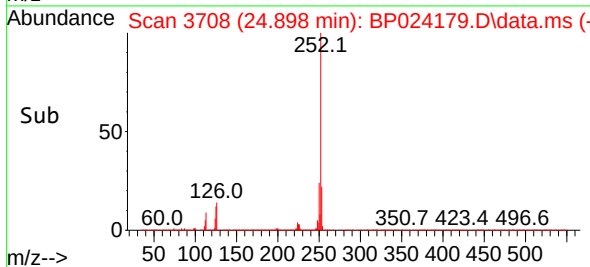
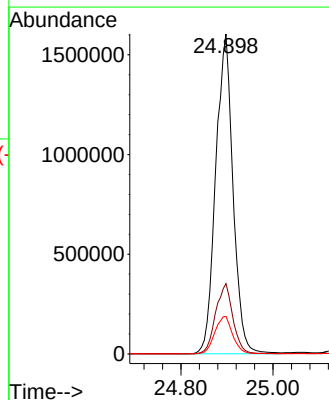
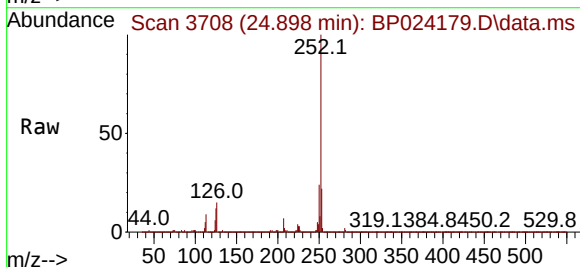
Tgt Ion:252 Resp: 4184370

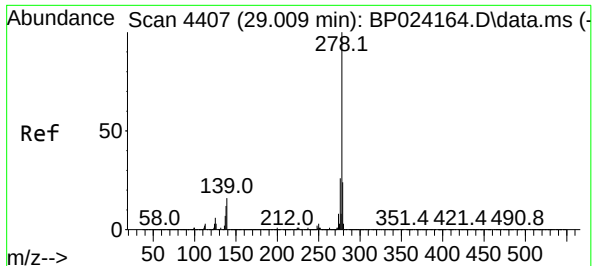
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 11.8 9.6 14.4

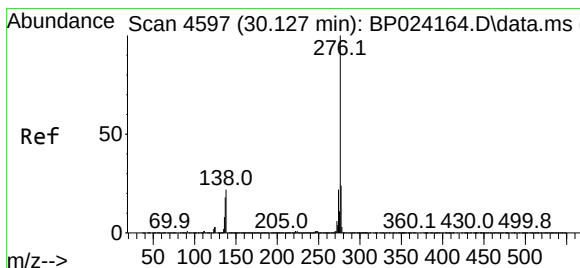
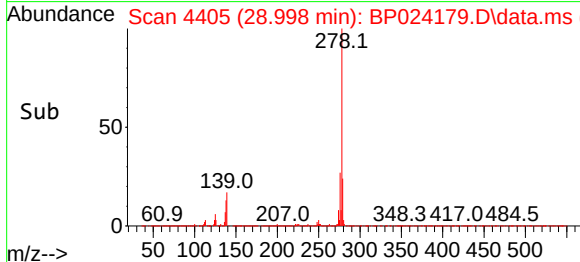
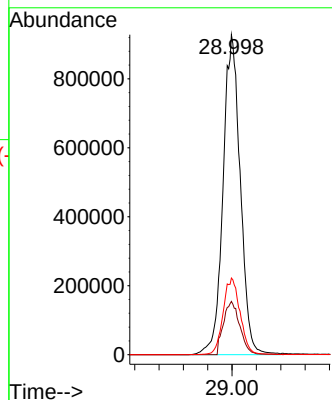
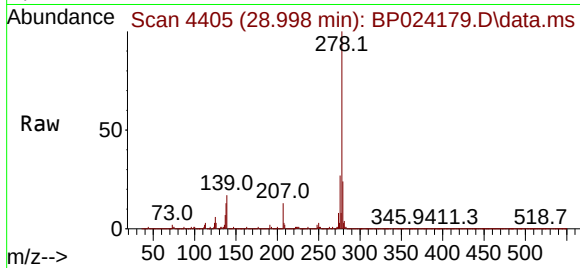




#91
Dibenzo(a,h)anthracene
Concen: 38.688 ng
RT: 28.998 min Scan# 4407
Delta R.T. -0.012 min
Lab File: BP024179.D
Acq: 18 Mar 2025 09:46

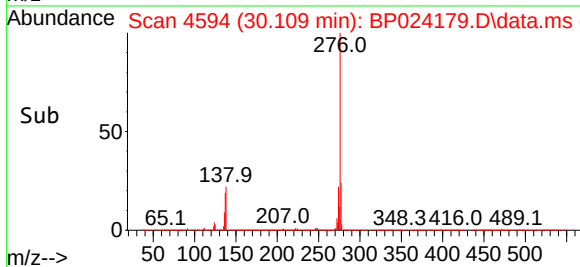
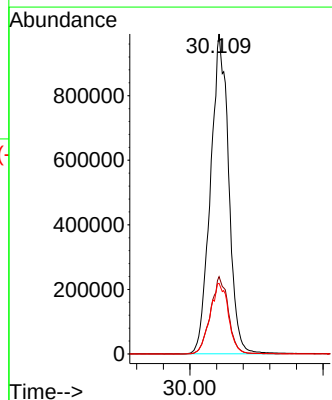
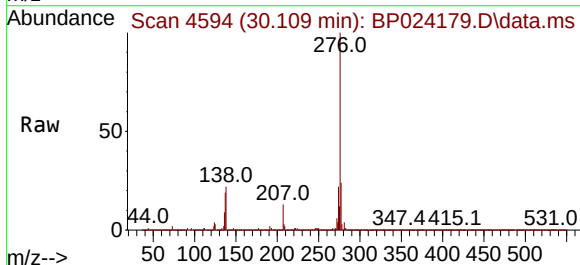
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 4575949
Ion Ratio Lower Upper
278 100
139 16.7 13.0 19.4
279 23.9 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 38.902 ng
RT: 30.109 min Scan# 4594
Delta R.T. -0.018 min
Lab File: BP024179.D
Acq: 18 Mar 2025 09:46

Tgt Ion:276 Resp: 4677397
Ion Ratio Lower Upper
276 100
277 24.1 19.2 28.8
138 22.0 17.4 26.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031825\
 Data File : BP024179.D
 Acq On : 18 Mar 2025 09:46
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: Mar 18 11:07:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 05:55:58 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	90	0.00
2	1,4-Dioxane	0.497	0.477	4.0	92	0.00
3	Pyridine	1.358	1.351	0.5	93	0.00
4	n-Nitrosodimethylamine	0.454	0.458	-0.9	96	0.00
5 S	2-Fluorophenol	1.253	1.217	2.9	91	0.00
6	Aniline	1.527	1.535	-0.5	93	0.00
7 S	Phenol-d6	1.675	1.667	0.5	92	0.00
8	2-Chlorophenol	1.353	1.312	3.0	91	0.00
9	Benzaldehyde	0.809	0.676	16.4	78	0.00
10 C	Phenol	1.691	1.667	1.4	92	0.00
11	bis(2-Chloroethyl)ether	1.334	1.303	2.3	92	0.00
12	1,3-Dichlorobenzene	1.459	1.407	3.6	92	0.00
13 C	1,4-Dichlorobenzene	1.490	1.428	4.2	91	-0.01
14	1,2-Dichlorobenzene	1.430	1.369	4.3	91	0.00
15	Benzyl Alcohol	1.061	1.066	-0.5	92	0.00
16	2,2'-oxybis(1-Chloropropane	1.361	1.381	-1.5	96	-0.02
17	2-Methylphenol	1.061	1.057	0.4	92	0.00
18	Hexachloroethane	0.529	0.513	3.0	91	0.00
19 P	n-Nitroso-di-n-propylamine	0.972	1.009	-3.8	95	0.00
20	3+4-Methylphenols	1.457	1.457	0.0	92	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	93	0.00
22	Acetophenone	0.506	0.499	1.4	94	0.00
23 S	Nitrobenzene-d5	0.354	0.354	0.0	94	0.00
24	Nitrobenzene	0.350	0.348	0.6	95	0.00
25	Isophorone	0.608	0.611	-0.5	94	0.00
26 C	2-Nitrophenol	0.167	0.167	0.0	91	0.00
27	2,4-Dimethylphenol	0.215	0.211	1.9	92	0.00
28	bis(2-Chloroethoxy)methane	0.427	0.426	0.2	95	0.00
29 C	2,4-Dichlorophenol	0.291	0.291	0.0	91	0.00
30	1,2,4-Trichlorobenzene	0.321	0.307	4.4	91	0.00
31	Naphthalene	1.060	1.026	3.2	93	-0.01
32	Benzoic acid	0.209	0.209	0.0	89	0.00
33	4-Chloroaniline	0.379	0.383	-1.1	94	0.00
34 C	Hexachlorobutadiene	0.185	0.177	4.3	92	-0.01
35	Caprolactam	0.095	0.100	-5.3	96	0.00
36 C	4-Chloro-3-methylphenol	0.313	0.322	-2.9	96	0.00
37	2-Methylnaphthalene	0.716	0.714	0.3	94	0.00
38	1-Methylnaphthalene	0.697	0.689	1.1	95	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	95	0.00
40	1,2,4,5-Tetrachlorobenzene	0.578	0.548	5.2	93	0.00
41 P	Hexachlorocyclopentadiene	0.208	0.203	2.4	91	0.00
42 S	2,4,6-Tribromophenol	0.252	0.254	-0.8	96	0.00
43 C	2,4,6-Trichlorophenol	0.367	0.359	2.2	92	0.00
44	2,4,5-Trichlorophenol	0.403	0.402	0.2	94	0.00
45 S	2-Fluorobiphenyl	1.356	1.320	2.7	95	0.00
46	1,1'-Biphenyl	1.503	1.456	3.1	95	0.00
47	2-Chloronaphthalene	1.130	1.087	3.8	94	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031825\
 Data File : BP024179.D
 Acq On : 18 Mar 2025 09:46
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: Mar 18 11:07:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 05:55:58 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	0.289	0.301	-4.2	98	0.00
49	Acenaphthylene	1.710	1.690	1.2	97	-0.01
50	Dimethylphthalate	1.399	1.368	2.2	96	0.00
51	2,6-Dinitrotoluene	0.294	0.293	0.3	95	0.00
52 C	Acenaphthene	1.093	1.065	2.6	95	0.00
53	3-Nitroaniline	0.318	0.331	-4.1	98	0.00
54 P	2,4-Dinitrophenol	0.156	0.161	-3.2	96	0.00
55	Dibenzofuran	1.770	1.741	1.6	97	0.00
56 P	4-Nitrophenol	0.266	0.281	-5.6	96	0.00
57	2,4-Dinitrotoluene	0.389	0.401	-3.1	97	0.00
58	Fluorene	1.379	1.385	-0.4	98	0.00
59	2,3,4,6-Tetrachlorophenol	0.356	0.353	0.8	94	0.00
60	Diethylphthalate	1.394	1.408	-1.0	99	0.00
61	4-Chlorophenyl-phenylether	0.676	0.671	0.7	97	0.00
62	4-Nitroaniline	0.334	0.352	-5.4	97	0.00
63	Azobenzene	1.314	1.353	-3.0	100	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	99	0.00
65	4,6-Dinitro-2-methylphenol	0.119	0.117	1.7	97	0.00
66 c	n-Nitrosodiphenylamine	0.607	0.600	1.2	99	0.00
67	4-Bromophenyl-phenylether	0.220	0.212	3.6	97	0.00
68	Hexachlorobenzene	0.260	0.250	3.8	98	0.01
69	Atrazine	0.147	0.131	10.9	96	0.00
70 C	Pentachlorophenol	0.168	0.172	-2.4	96	0.00
71	Phenanthrene	1.093	1.063	2.7	97	0.00
72	Anthracene	1.064	1.047	1.6	97	0.00
73	Carbazole	1.026	1.032	-0.6	98	0.00
74	Di-n-butylphthalate	1.218	1.253	-2.9	98	0.01
75 C	Fluoranthene	1.265	1.284	-1.5	101	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	100	0.00
77	Benzidine	0.219	0.345	-57.5#	135	0.01
78	Pyrene	1.243	1.202	3.3	100	0.00
79 S	Terphenyl-d14	0.969	0.961	0.8	102	0.02
80	Butylbenzylphthalate	0.513	0.508	1.0	97	0.02
81	Benzo(a)anthracene	1.243	1.219	1.9	101	0.00
82	3,3'-Dichlorobenzidine	0.417	0.422	-1.2	99	0.03
83	Chrysene	1.195	1.150	3.8	100	0.01
84	Bis(2-ethylhexyl)phthalate	0.774	0.793	-2.5	101	0.02
85 c	Di-n-octyl phthalate	1.240	1.245	-0.4	98	0.02
86 I	Perylene-d12	1.000	1.000	0.0	100	0.01
87	Indeno(1,2,3-cd)pyrene	1.396	1.357	2.8	99	0.00
88	Benzo(b)fluoranthene	1.206	1.185	1.7	99	0.00
89	Benzo(k)fluoranthene	1.180	1.161	1.6	102	0.00
90 C	Benzo(a)pyrene	1.049	1.027	2.1	100	0.00
91	Dibenzo(a,h)anthracene	1.161	1.123	3.3	98	-0.01
92	Benzo(g,h,i)perylene	1.180	1.148	2.7	99	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031825\
Data File : BP024179.D
Acq On : 18 Mar 2025 09:46
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Mar 18 11:07:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 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_P\Data\BP031825\
 Data File : BP024179.D
 Acq On : 18 Mar 2025 09:46
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Instrument :
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	90	0.00
2	1,4-Dioxane	40.000	38.444	3.9	92	0.00
3	Pyridine	40.000	39.805	0.5	93	0.00
4	n-Nitrosodimethylamine	40.000	40.436	-1.1	96	0.00
5 S	2-Fluorophenol	80.000	77.718	2.9	91	0.00
6	Aniline	40.000	40.229	-0.6	93	0.00
7 S	Phenol-d6	80.000	79.587	0.5	92	0.00
8	2-Chlorophenol	40.000	38.764	3.1	91	0.00
9	Benzaldehyde	40.000	33.419	16.5	78	0.00
10 C	Phenol	40.000	39.423	1.4	92	0.00
11	bis(2-Chloroethyl)ether	40.000	39.071	2.3	92	0.00
12	1,3-Dichlorobenzene	40.000	38.567	3.6	92	0.00
13 C	1,4-Dichlorobenzene	40.000	38.333	4.2	91	-0.01
14	1,2-Dichlorobenzene	40.000	38.308	4.2	91	0.00
15	Benzyl Alcohol	40.000	40.202	-0.5	92	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	40.563	-1.4	96	-0.02
17	2-Methylphenol	40.000	39.881	0.3	92	0.00
18	Hexachloroethane	40.000	38.843	2.9	91	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	41.517	-3.8	95	0.00
20	3+4-Methylphenols	40.000	39.991	0.0	92	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	93	0.00
22	Acetophenone	40.000	39.473	1.3	94	0.00
23 S	Nitrobenzene-d5	80.000	79.786	0.3	94	0.00
24	Nitrobenzene	40.000	39.755	0.6	95	0.00
25	Isophorone	40.000	40.198	-0.5	94	0.00
26 C	2-Nitrophenol	40.000	39.890	0.3	91	0.00
27	2,4-Dimethylphenol	40.000	39.386	1.5	92	0.00
28	bis(2-Chloroethoxy)methane	40.000	39.838	0.4	95	0.00
29 C	2,4-Dichlorophenol	40.000	40.042	-0.1	91	0.00
30	1,2,4-Trichlorobenzene	40.000	38.246	4.4	91	0.00
31	Naphthalene	40.000	38.721	3.2	93	-0.01
32	Benzoic acid	40.000	39.990	0.0	89	0.00
33	4-Chloroaniline	40.000	40.331	-0.8	94	0.00
34 C	Hexachlorobutadiene	40.000	38.331	4.2	92	-0.01
35	Caprolactam	40.000	42.205	-5.5	96	0.00
36 C	4-Chloro-3-methylphenol	40.000	41.152	-2.9	96	0.00
37	2-Methylnaphthalene	40.000	39.849	0.4	94	0.00
38	1-Methylnaphthalene	40.000	39.570	1.1	95	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	95	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	37.933	5.2	93	0.00
41 P	Hexachlorocyclopentadiene	40.000	38.928	2.7	91	0.00
42 S	2,4,6-Tribromophenol	80.000	80.771	-1.0	96	0.00
43 C	2,4,6-Trichlorophenol	40.000	39.128	2.2	92	0.00
44	2,4,5-Trichlorophenol	40.000	39.942	0.1	94	0.00
45 S	2-Fluorobiphenyl	80.000	77.875	2.7	95	0.00
46	1,1'-Biphenyl	40.000	38.760	3.1	95	0.00
47	2-Chloronaphthalene	40.000	38.479	3.8	94	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031825\
 Data File : BP024179.D
 Acq On : 18 Mar 2025 09:46
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: Mar 18 11:07:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 05:55:58 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	41.647	-4.1	98	0.00
49	Acenaphthylene	40.000	39.514	1.2	97	-0.01
50	Dimethylphthalate	40.000	39.090	2.3	96	0.00
51	2,6-Dinitrotoluene	40.000	39.775	0.6	95	0.00
52 C	Acenaphthene	40.000	38.985	2.5	95	0.00
53	3-Nitroaniline	40.000	41.588	-4.0	98	0.00
54 P	2,4-Dinitrophenol	40.000	41.457	-3.6	96	0.00
55	Dibenzofuran	40.000	39.341	1.6	97	0.00
56 P	4-Nitrophenol	40.000	42.258	-5.6	96	0.00
57	2,4-Dinitrotoluene	40.000	41.199	-3.0	97	0.00
58	Fluorene	40.000	40.155	-0.4	98	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	39.705	0.7	94	0.00
60	Diethylphthalate	40.000	40.417	-1.0	99	0.00
61	4-Chlorophenyl-phenylether	40.000	39.656	0.9	97	0.00
62	4-Nitroaniline	40.000	42.156	-5.4	97	0.00
63	Azobenzene	40.000	41.202	-3.0	100	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	99	0.00
65	4,6-Dinitro-2-methylphenol	40.000	39.363	1.6	97	0.00
66 c	n-Nitrosodiphenylamine	40.000	39.508	1.2	99	0.00
67	4-Bromophenyl-phenylether	40.000	38.544	3.6	97	0.00
68	Hexachlorobenzene	40.000	38.545	3.6	98	0.01
69	Atrazine	40.000	35.864	10.3	96	0.00
70 C	Pentachlorophenol	40.000	40.942	-2.4	96	0.00
71	Phenanthrene	40.000	38.931	2.7	97	0.00
72	Anthracene	40.000	39.340	1.6	97	0.00
73	Carbazole	40.000	40.224	-0.6	98	0.00
74	Di-n-butylphthalate	40.000	41.136	-2.8	98	0.01
75 C	Fluoranthene	40.000	40.602	-1.5	101	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	100	0.00
77	Benzydine	40.000	63.094	-57.7#	135	0.01
78	Pyrene	40.000	38.676	3.3	100	0.00
79 S	Terphenyl-d14	80.000	79.334	0.8	102	0.02
80	Butylbenzylphthalate	40.000	39.631	0.9	97	0.02
81	Benzo(a)anthracene	40.000	39.207	2.0	101	0.00
82	3,3'-Dichlorobenzidine	40.000	40.532	-1.3	99	0.03
83	Chrysene	40.000	38.470	3.8	100	0.01
84	Bis(2-ethylhexyl)phthalate	40.000	40.975	-2.4	101	0.02
85 c	Di-n-octyl phthalate	40.000	40.179	-0.4	98	0.02
86 I	Perylene-d12	20.000	20.000	0.0	100	0.01
87	Indeno(1,2,3-cd)pyrene	40.000	38.885	2.8	99	0.00
88	Benzo(b)fluoranthene	40.000	39.318	1.7	99	0.00
89	Benzo(k)fluoranthene	40.000	39.354	1.6	102	0.00
90 C	Benzo(a)pyrene	40.000	39.179	2.1	100	0.00
91	Dibenzo(a,h)anthracene	40.000	38.688	3.3	98	-0.01
92	Benzo(g,h,i)perylene	40.000	38.902	2.7	99	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031825\
Data File : BP024179.D
Acq On : 18 Mar 2025 09:46
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Mar 18 11:07:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 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



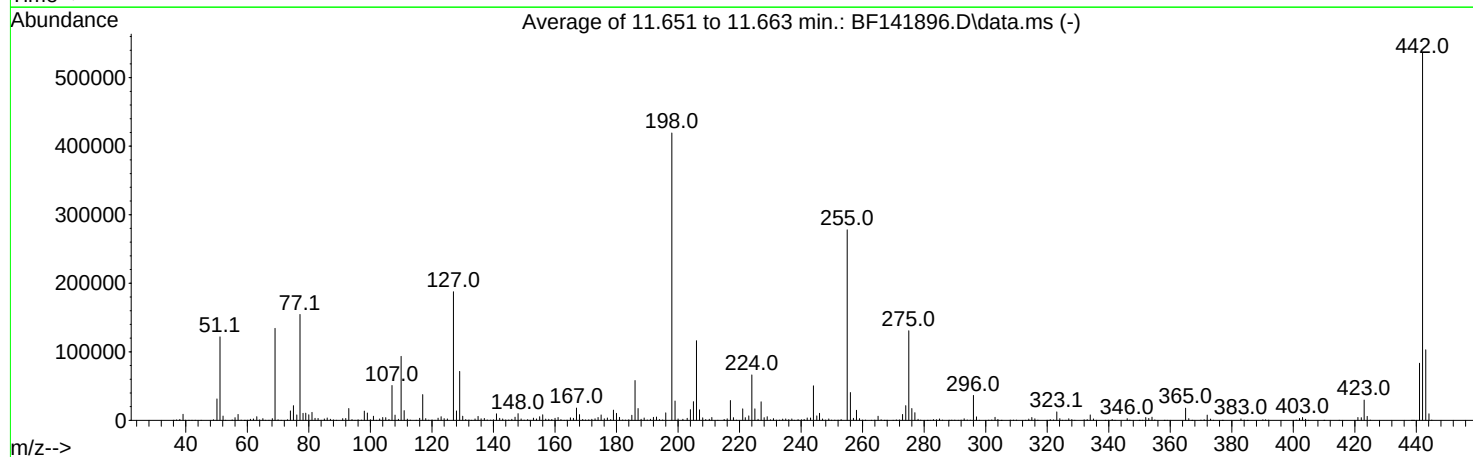
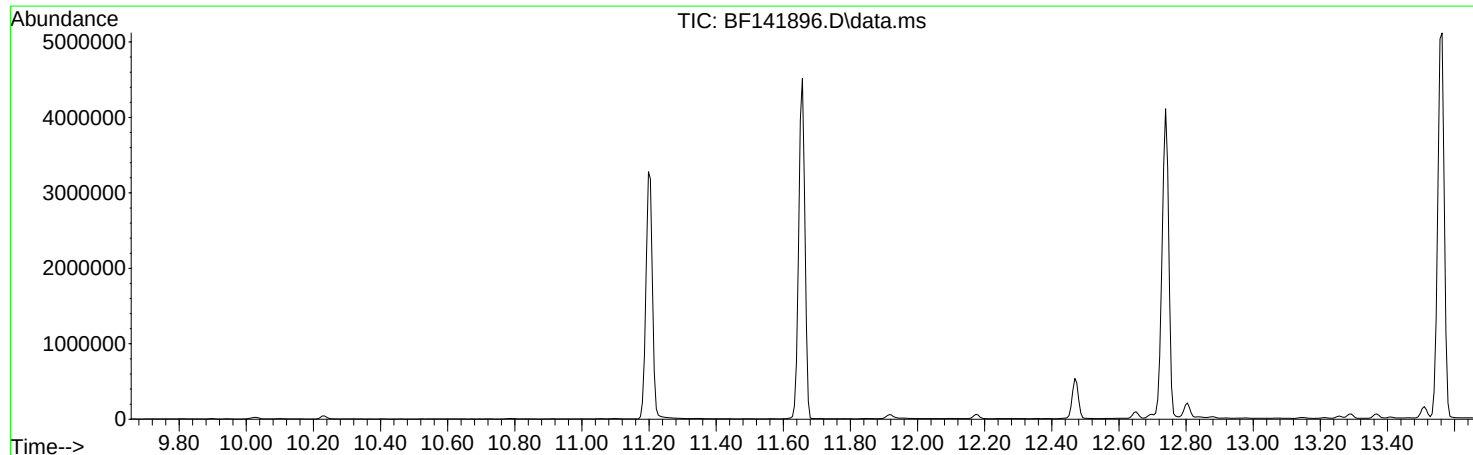
QC SAMPLE DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141896.D
Acq On : 10 Mar 2025 10:31
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Mar 10 15:46:22 2025



AutoFind: Scans 1625, 1626, 1627; Background Corrected with Scan 1617

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	29.1	121957	PASS
68	69	0.00	2	1.9	2599	PASS
69	198	0.00	100	32.0	134239	PASS
70	69	0.00	2	0.7	949	PASS
127	198	10	80	44.8	187627	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	419221	PASS
199	198	5	9	6.7	28280	PASS
275	198	10	60	31.2	130819	PASS
365	198	1	100	4.2	17803	PASS
441	198	0.01	100	19.9	83389	PASS
442	442	50	100	100.0	536640	PASS
443	442	15	24	19.2	102888	PASS

Instrument :
BNA_F
ClientSampleId :
DFTPP

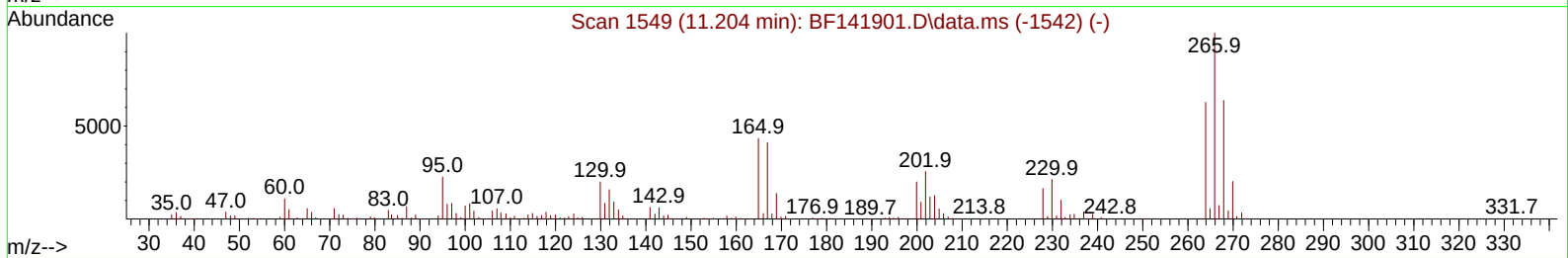
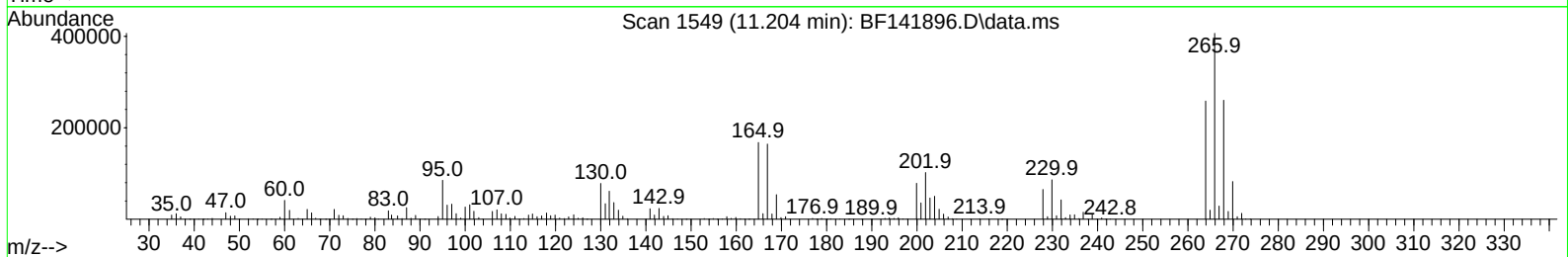
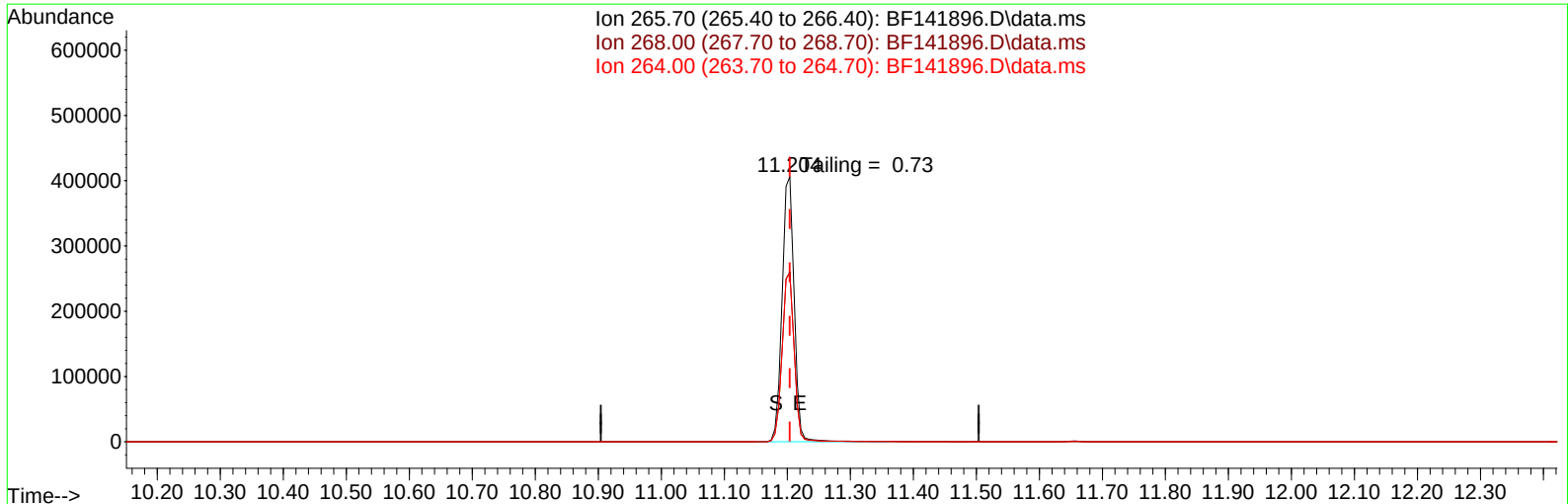
DDT Breakdown

Date	Instrument Name	DFTPP Data File
3/10/2025	BNA_F	<u>BF141896.D</u>
Compound Name	Response	Retention Time
DDT	1358235	13.562
DDD	20094	13.292
DDE	930	12.921
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
21024	1379259	1.52

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141896.D
Acq On : 10 Mar 2025 10:31
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Mar 10 16:16:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration



TIC: BF141896.D\data.ms

(70) Pentachlorophenol (C)

11.204min (-0.000) 118650.09 ng

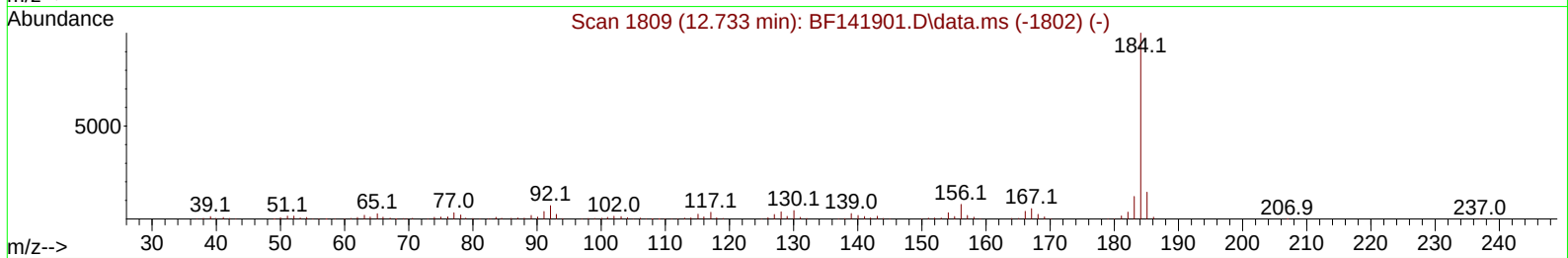
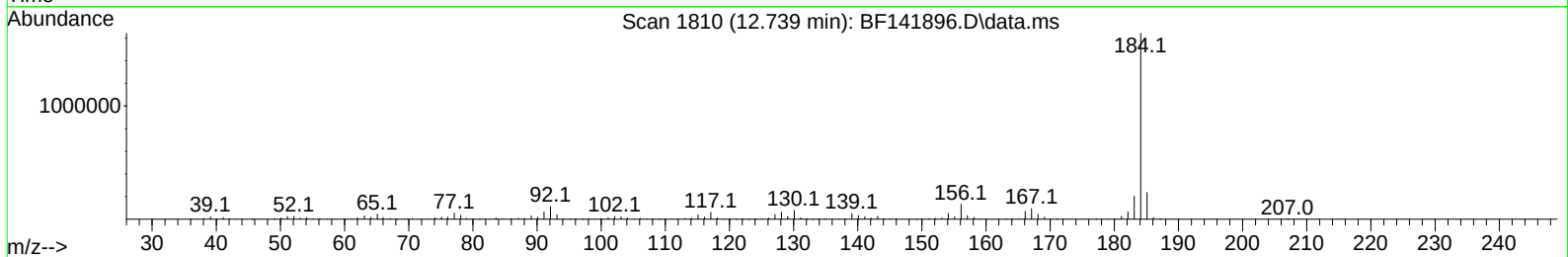
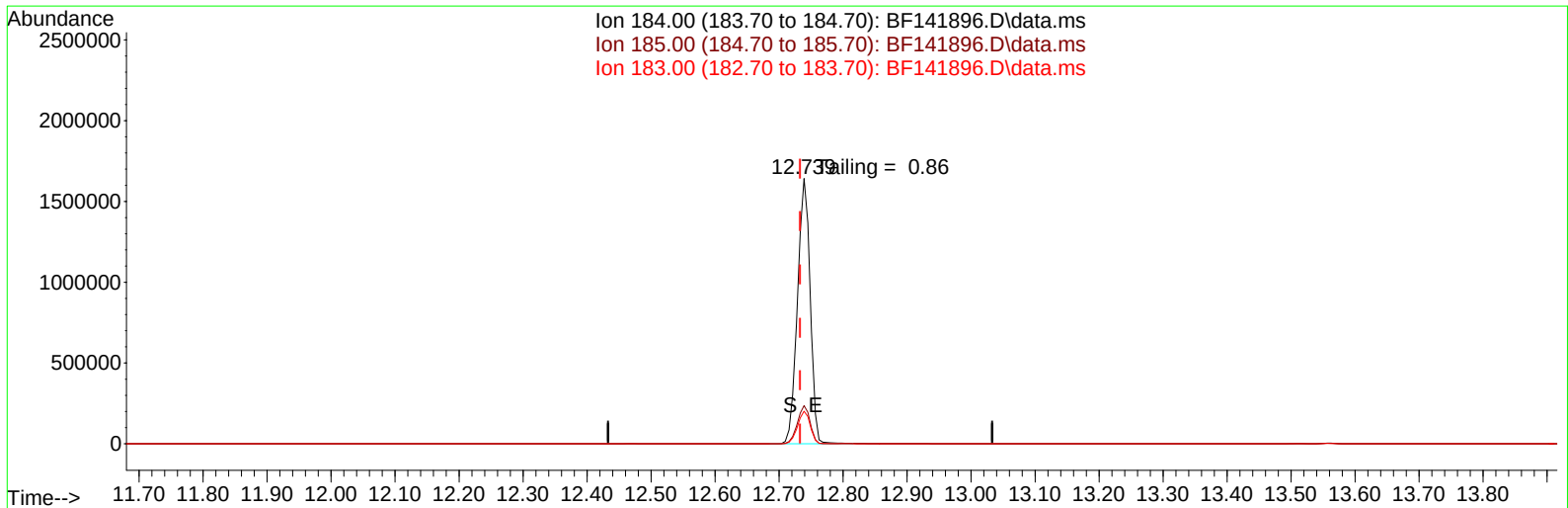
response 544757

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.80	64.05
264.00	62.70	63.55
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141896.D
Acq On : 10 Mar 2025 10:31
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Mar 10 16:16:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration



TIC: BF141896.D\data.ms

(77) Benzidine

12.739min (+ 0.006) 203796.44 ng

response 2274676

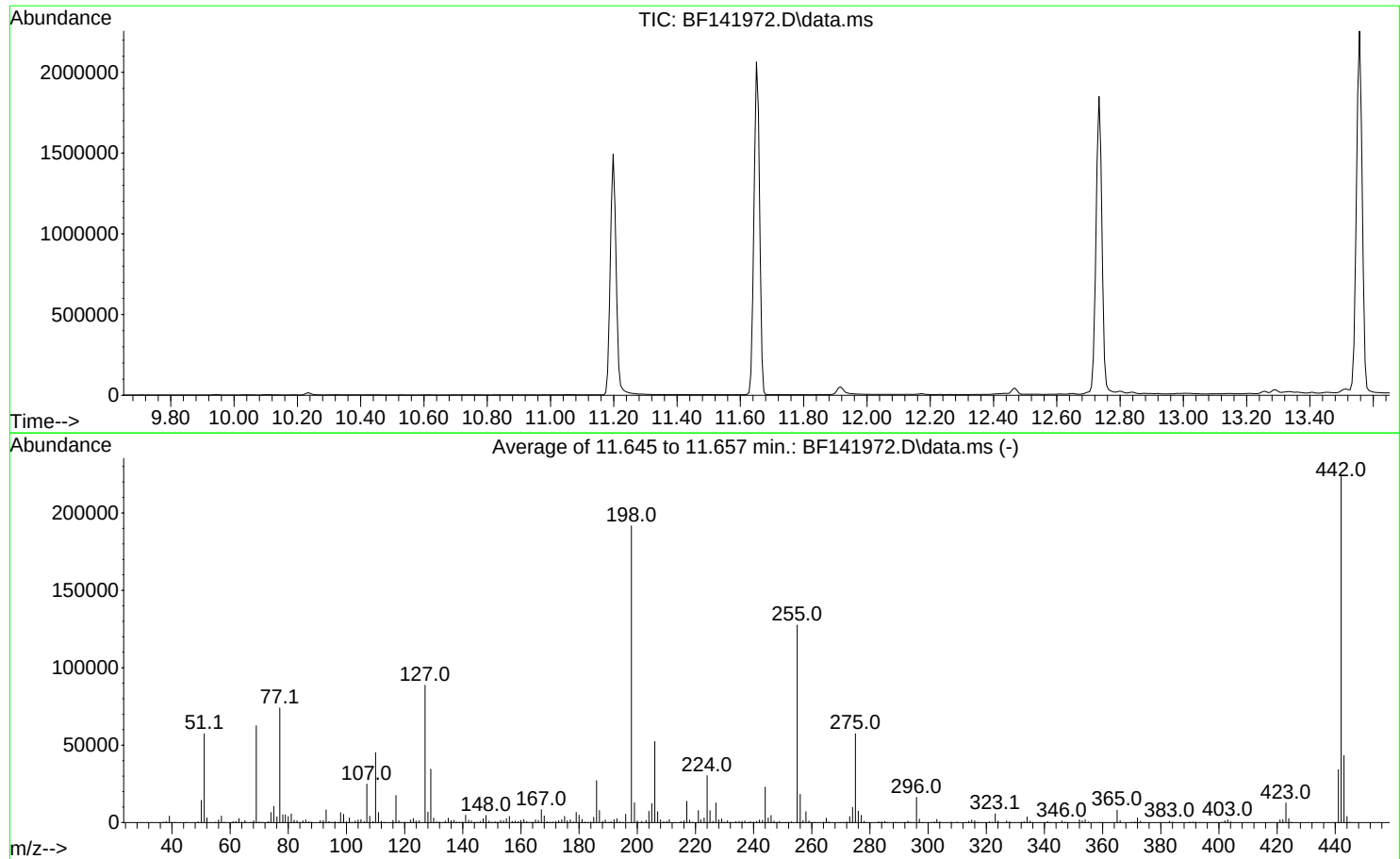
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	14.38
183.00	12.10	12.32
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
Data File : BF141972.D
Acq On : 17 Mar 2025 09:10
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Mar 10 15:46:22 2025



AutoFind: Scans 1624, 1625, 1626; Background Corrected with Scan 1618

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	30.0	57448	PASS
68	69	0.00	2	1.9	1189	PASS
69	198	0.00	100	32.6	62535	PASS
70	69	0.00	2	0.6	365	PASS
127	198	10	80	46.3	88696	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	191723	PASS
199	198	5	9	6.7	12824	PASS
275	198	10	60	30.0	57427	PASS
365	198	1	100	4.2	7964	PASS
441	198	0.01	100	17.9	34259	PASS
442	442	50	100	100.0	224043	PASS
443	442	15	24	19.3	43256	PASS

DDT Breakdown

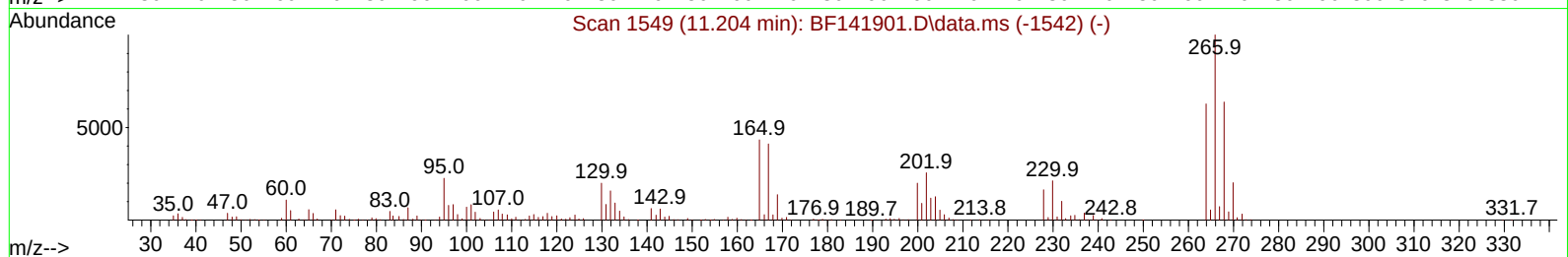
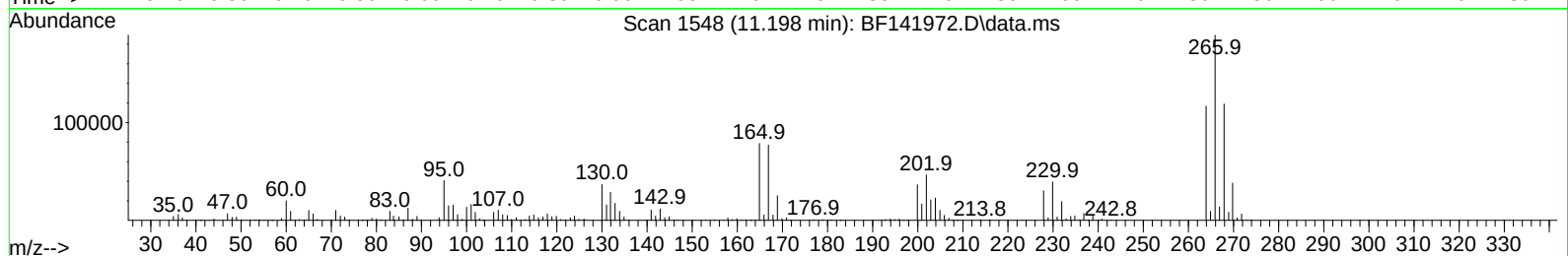
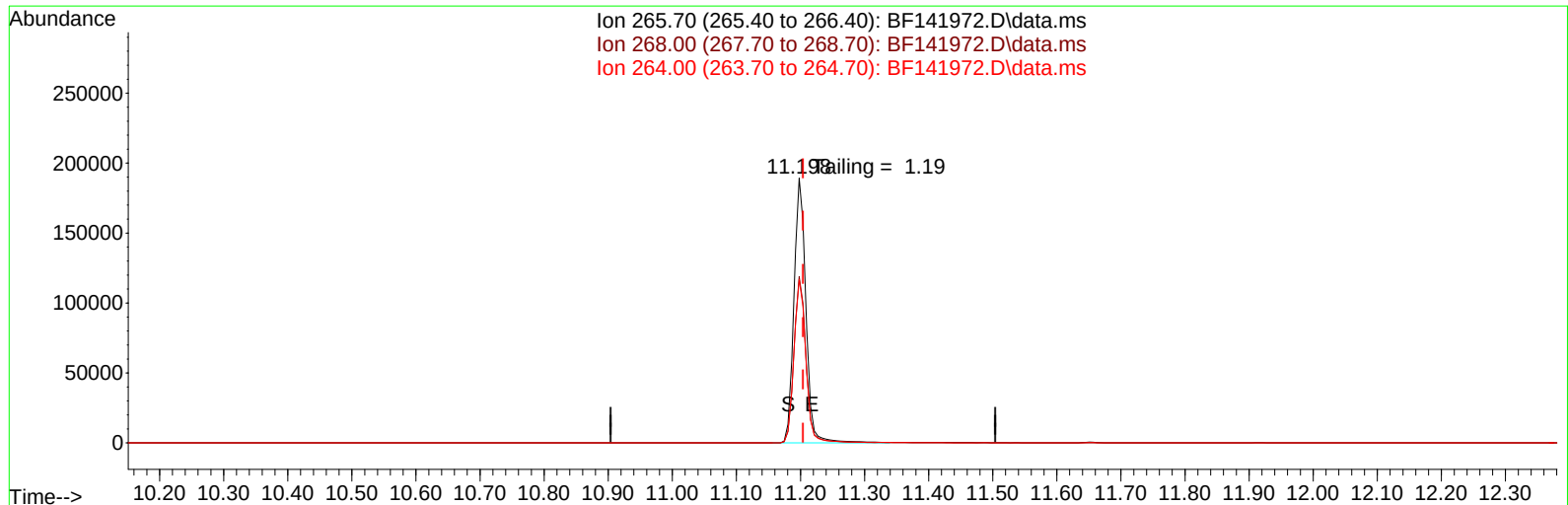
Date	Instrument Name	DFTPP Data File
3/17/2025	BNA_F	<u>BF141972.D</u>
Compound Name	Response	Retention Time
DDT	573929	13.557
DDD	10461	13.286
DDE	591	12.921
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
11052	584981	1.89

Instrument :
BNA_F
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
Data File : BF141972.D
Acq On : 17 Mar 2025 09:10
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Mar 17 11:52:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration



TIC: BF141972.D\data.ms

(70) Pentachlorophenol (C)

11.198min (-0.006) 60186.83 ng

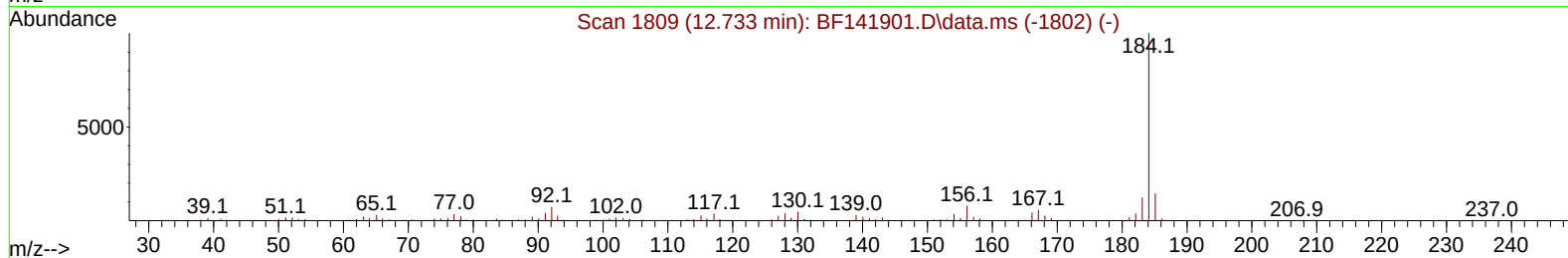
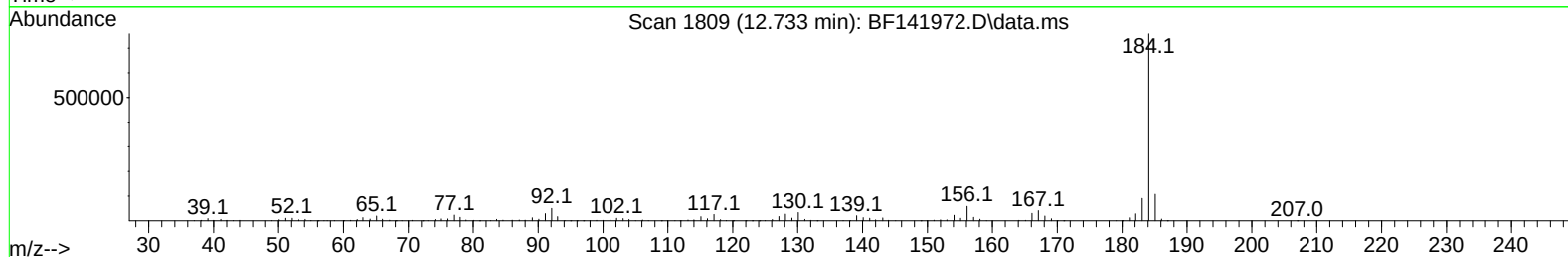
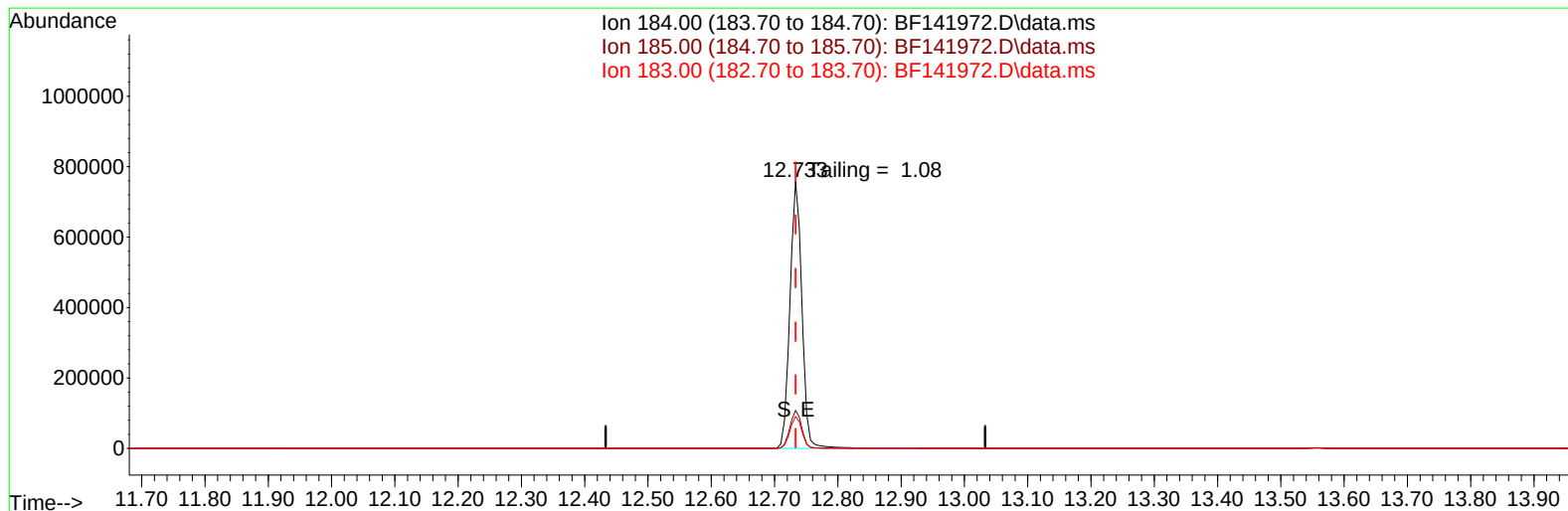
response 248242

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.80	62.83
264.00	62.70	61.78
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
Data File : BF141972.D
Acq On : 17 Mar 2025 09:10
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Mar 17 11:52:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration



TIC: BF141972.D\data.ms

(77) Benzidine

12.733min (0.000) 175178.85 ng

response 1002071

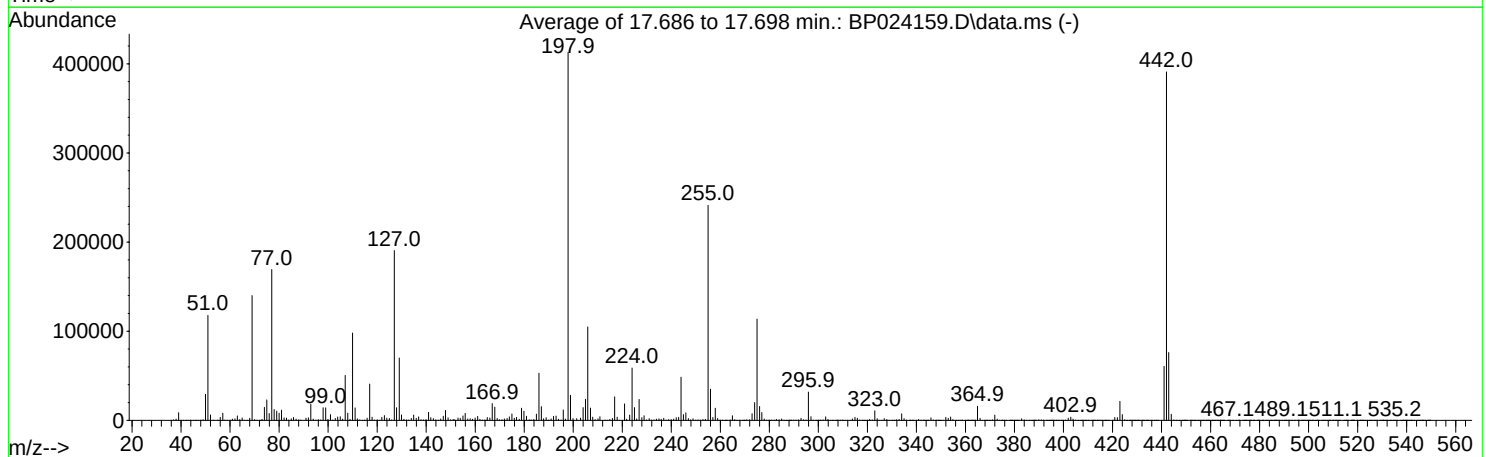
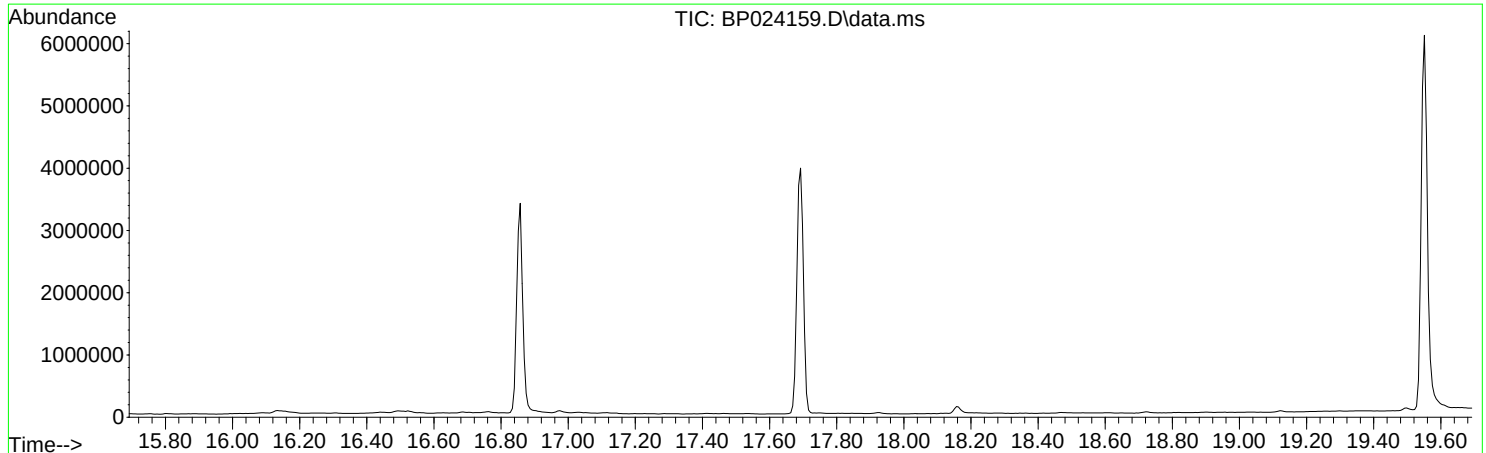
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	14.27
183.00	12.10	12.01
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024159.D
Acq On : 12 Mar 2025 15:36
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Mar 13 05:55:58 2025



AutoFind: Scans 2482, 2483, 2484; 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	28.5	117822	PASS
68	69	0.00	2	1.6	2280	PASS
69	198	0.00	100	33.9	139938	PASS
70	69	0.00	2	0.6	822	PASS
127	198	10	80	46.1	190399	PASS
197	198	0.00	2	0.4	1468	PASS
198	198	100	100	100.0	412716	PASS
199	198	5	9	6.8	28114	PASS
275	198	10	60	27.5	113624	PASS
365	198	1	100	3.8	15804	PASS
441	198	0.01	100	14.7	60679	PASS
442	442	100	100	100.0	391061	PASS
443	442	15	24	19.5	76081	PASS

DDT Breakdown

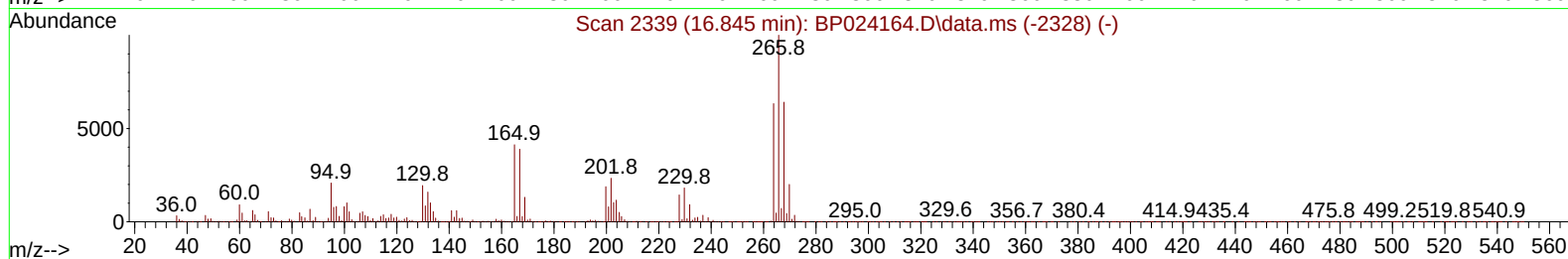
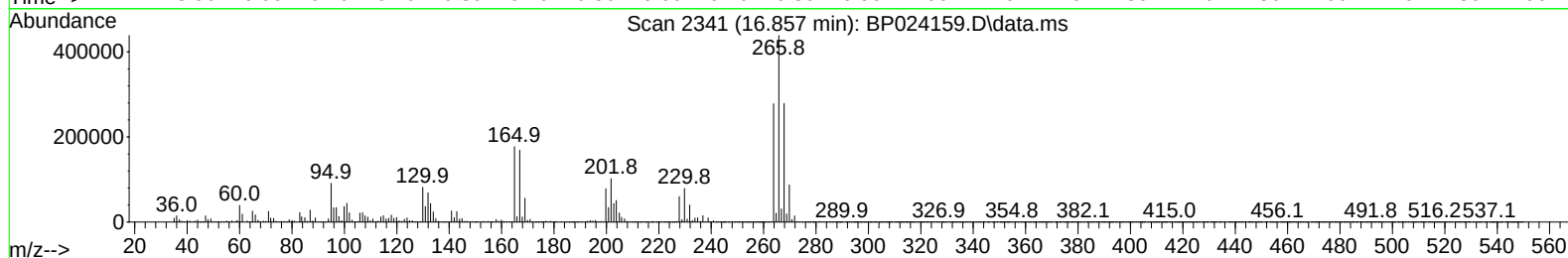
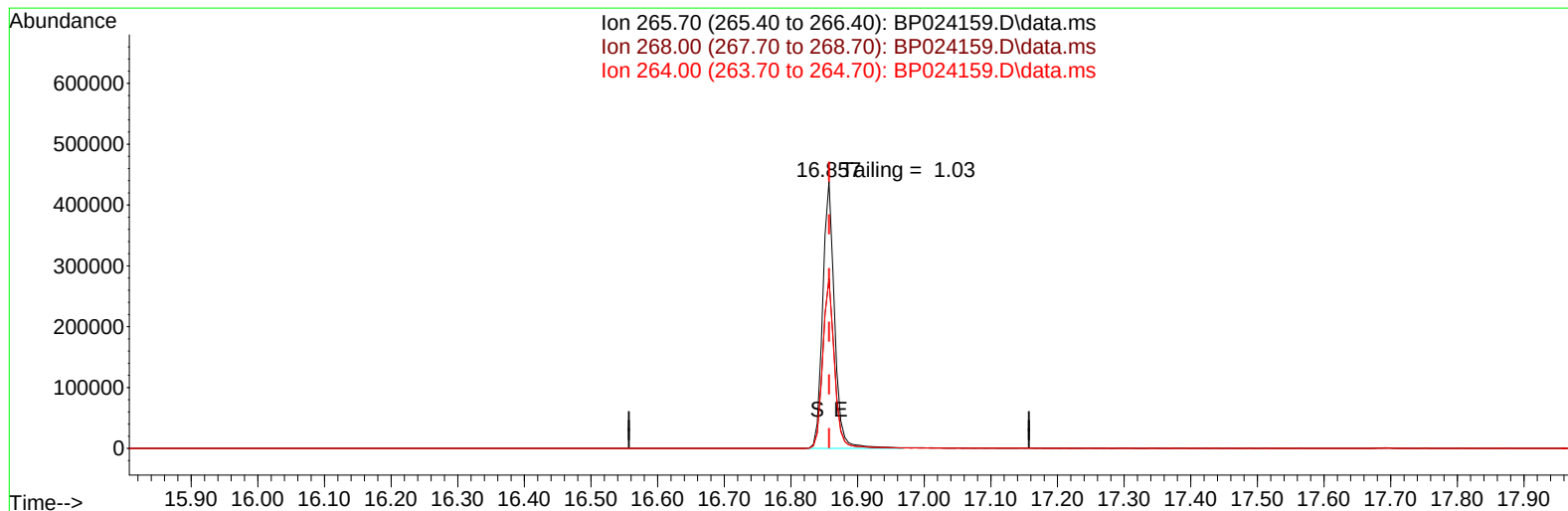
Date	Instrument Name	DFTPP Data File
3/12/2025	BNA_P	<u>BP024159.D</u>
Compound Name	Response	Retention Time
DDT	1535436	20.851
DDD	16722	20.439
DDE	443	19.827
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
17165	1552601	1.11

Instrument :
BNA_P
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024159.D
Acq On : 12 Mar 2025 15:36
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Mar 13 05:56:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration



TIC: BP024159.D\data.ms

(70) Pentachlorophenol (C)

16.857min (0.000) 4607317.61 ng

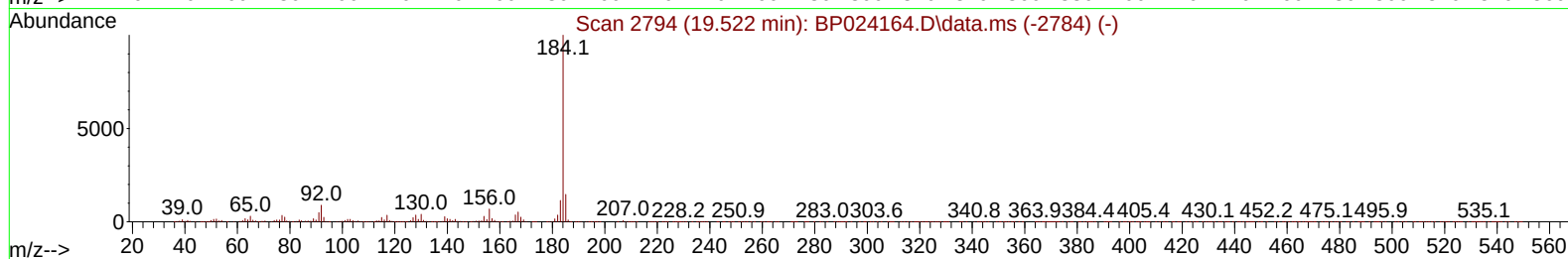
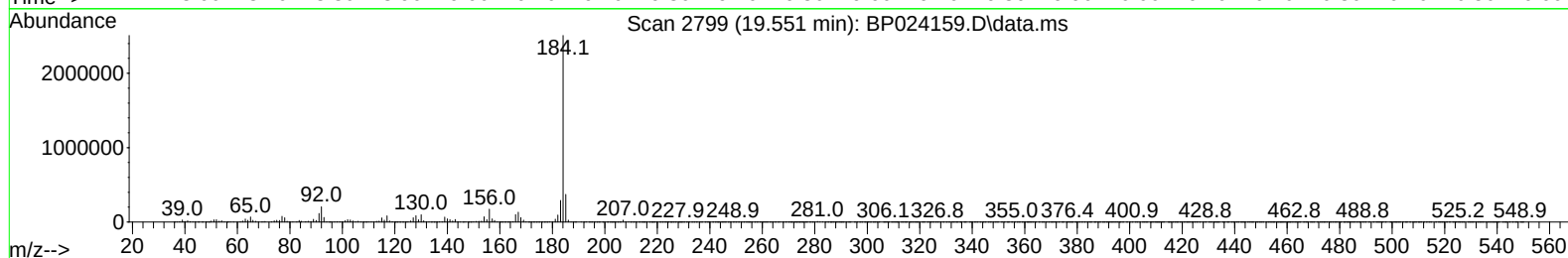
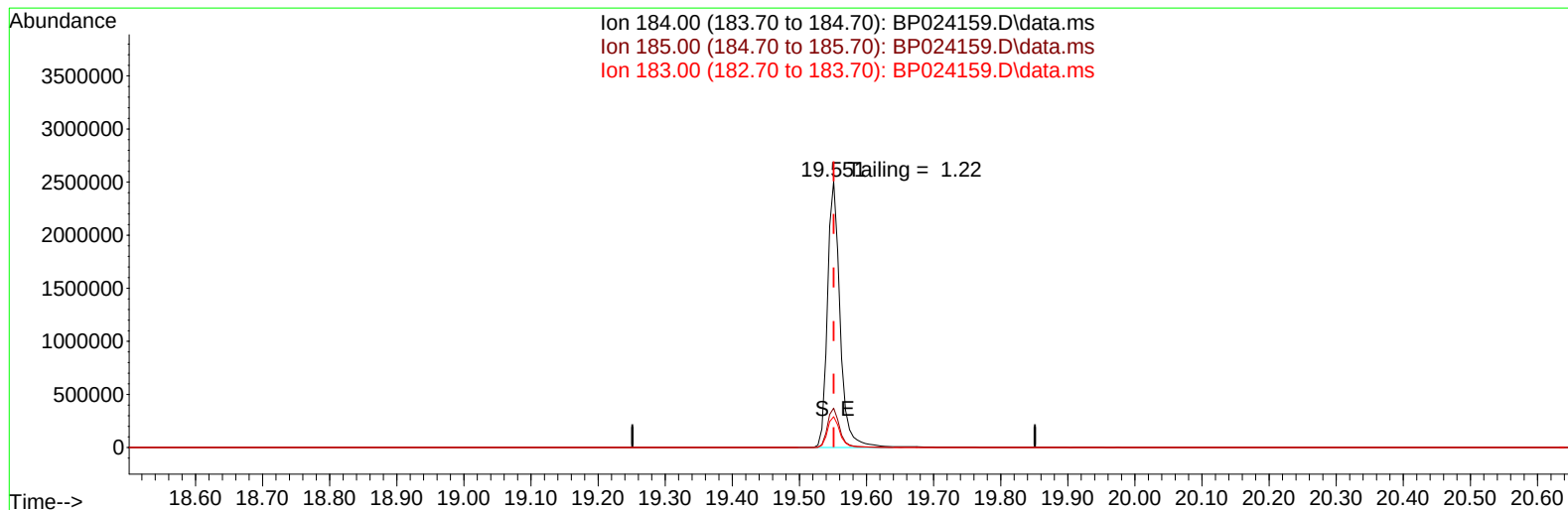
response 542052

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	64.10	63.56
264.00	63.30	63.37
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024159.D
Acq On : 12 Mar 2025 15:36
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Mar 13 05:56:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration



TIC: BP024159.D\data.ms

(77) Benzidine

19.551min (0.000) 3117449.49 ng

response 3272103

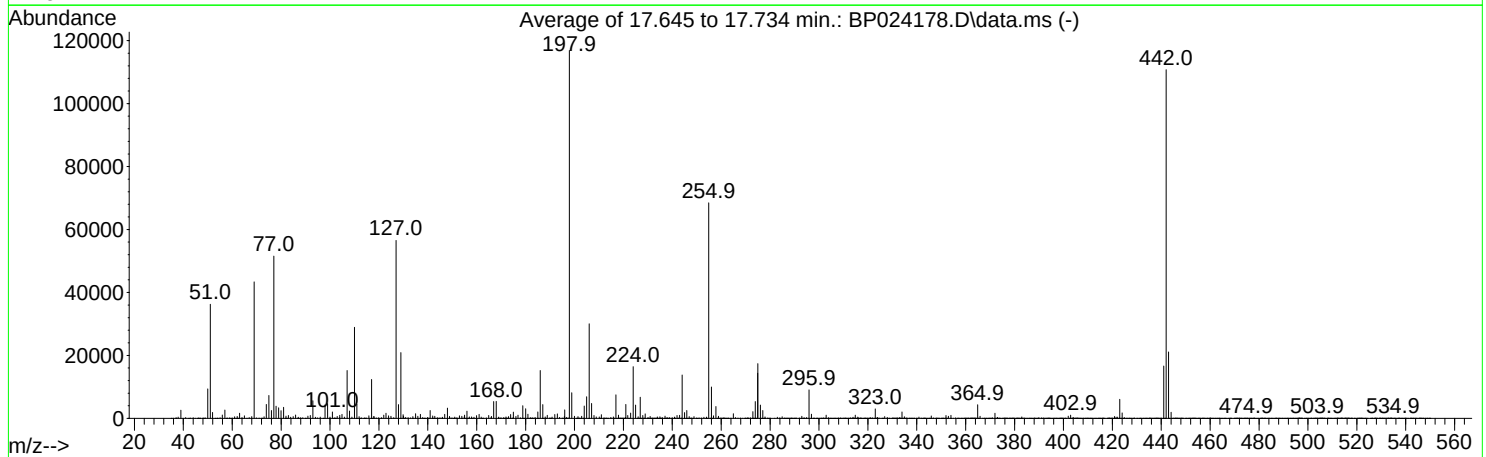
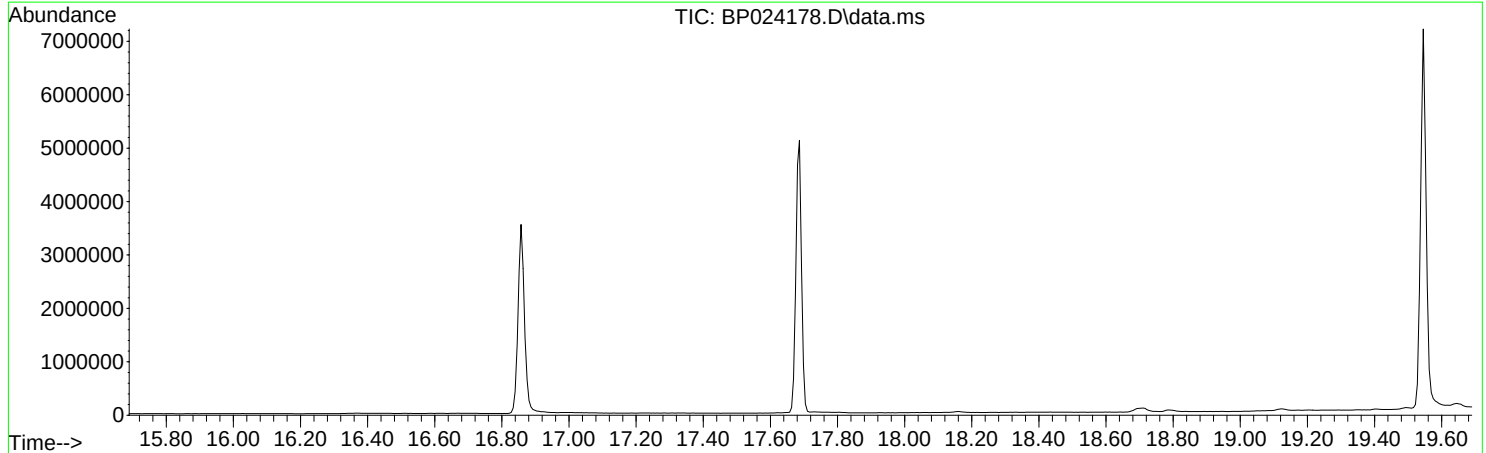
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.70	14.81
183.00	11.40	11.59
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031825\
Data File : BP024178.D
Acq On : 18 Mar 2025 09:05
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\625.1-Tune.M
Title : D
Last Update : Wed Oct 07 11:38:17 2020



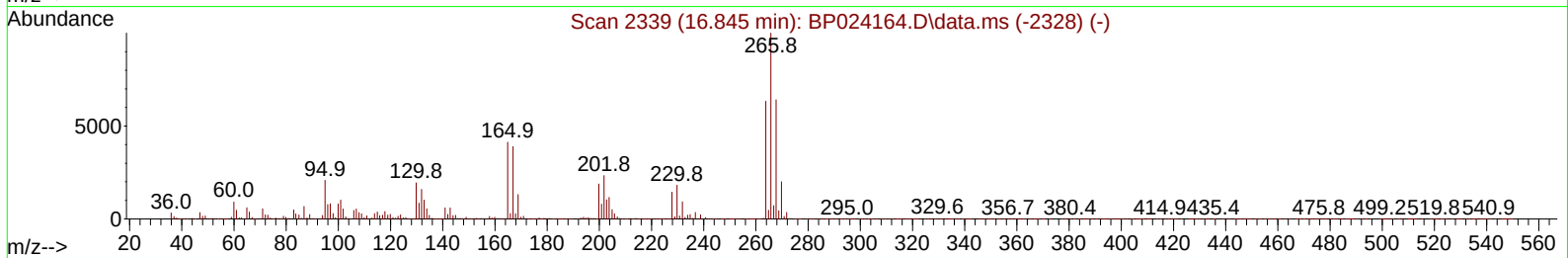
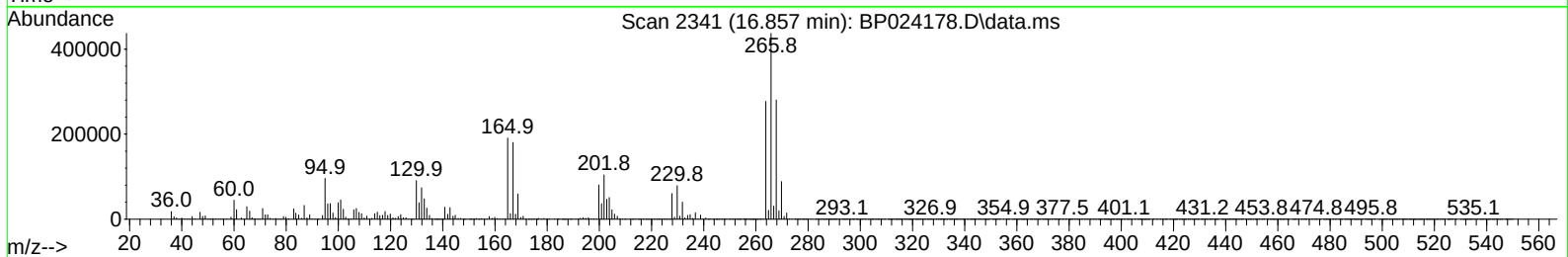
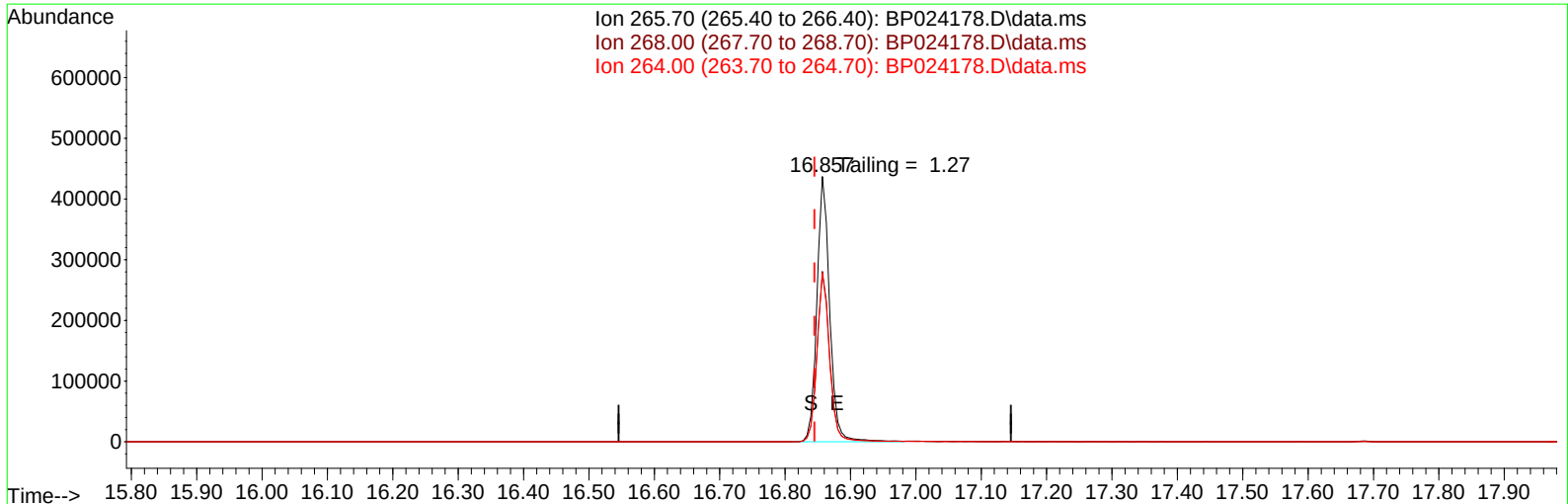
AutoFind: Averaged scan 2475 to 2490; Bkg corrected with scan 2474

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
51	198	30	60	31.0	36256	PASS
68	69	0.00	2	1.3	585	PASS
69	69	100	100	100.0	43346	PASS
70	69	0.00	2	0.4	167	PASS
127	198	40	60	48.4	56551	PASS
197	198	0.00	1	0.2	289	PASS
198	198	100	100	100.0	116867	PASS
199	198	5	9	6.9	8120	PASS
275	198	10	30	14.9	17386	PASS
365	198	1	100	3.7	4317	PASS
441	443	0.01	100	78.8	16620	PASS
442	198	40	100	94.8	110745	PASS
443	442	17	23	19.1	21104	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031825\
Data File : BP024178.D
Acq On : 18 Mar 2025 09:05
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Mar 18 11:07:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration



TIC: BP024178.D\data.ms

(70) Pentachlorophenol (C)

16.857min (+ 0.012) 196786.88 ng

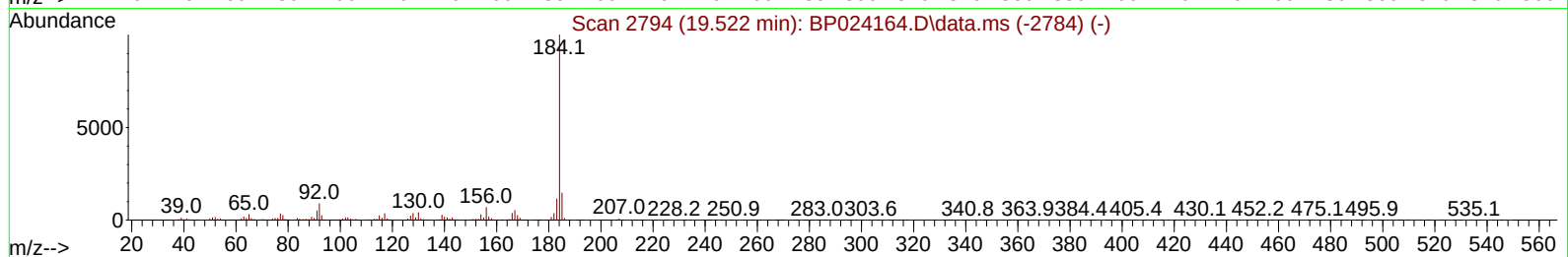
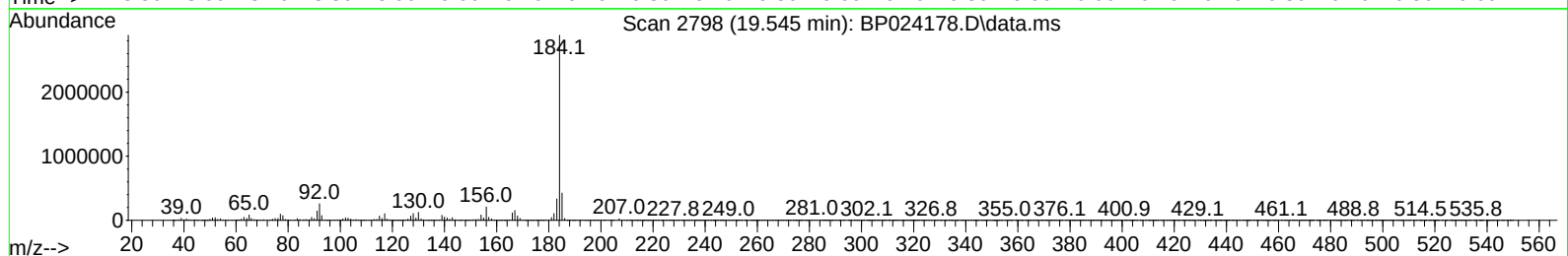
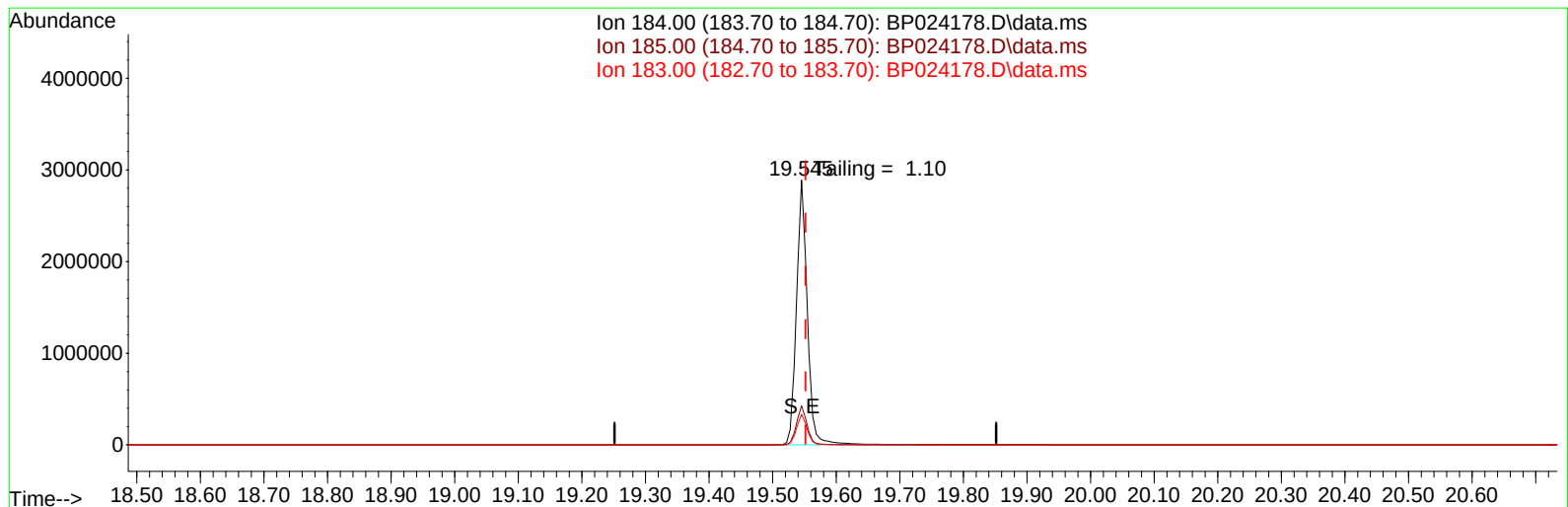
response 593684

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	64.10	64.20
264.00	63.30	63.44
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031825\
Data File : BP024178.D
Acq On : 18 Mar 2025 09:05
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Mar 18 14:43:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration



TIC: BP024178.D\data.ms

(77) Benzidine

19.545min (-0.006) 19199.87 ng

response 3449621

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.70	14.74
183.00	11.40	11.55
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
3/18/2025	BNA_P	<u>BP024178.D</u>
Compound Name	Response	Retention Time
DDT	1637732	20.845
DDD	20127	20.439
DDE	2174	19.851
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
22301	1660033	1.34

Instrument :
BNA_P
ClientSampleId :
DFTPP

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave L	Date Received:	
Client Sample ID:	PB167157BL	SDG No.:	Q1574
Lab Sample ID:	PB167157BL	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024180.D	1	03/17/25 09:15	03/18/25 10:26	PB167157

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	160	U	160	330	ug/Kg
108-95-2	Phenol	22.1	U	22.1	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	24.3	U	24.3	170	ug/Kg
95-57-8	2-Chlorophenol	24.4	U	24.4	170	ug/Kg
95-48-7	2-Methylphenol	29.9	U	29.9	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	37.5	U	37.5	170	ug/Kg
98-86-2	Acetophenone	29.5	U	29.5	170	ug/Kg
65794-96-9	3+4-Methylphenols	41.1	U	41.1	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	47.4	U	47.4	80.0	ug/Kg
67-72-1	Hexachloroethane	17.6	U	17.6	170	ug/Kg
98-95-3	Nitrobenzene	18.3	U	18.3	170	ug/Kg
78-59-1	Isophorone	32.8	U	32.8	170	ug/Kg
88-75-5	2-Nitrophenol	58.2	U	58.2	170	ug/Kg
105-67-9	2,4-Dimethylphenol	64.8	U	64.8	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	30.8	U	30.8	170	ug/Kg
120-83-2	2,4-Dichlorophenol	28.3	U	28.3	170	ug/Kg
91-20-3	Naphthalene	22.7	U	22.7	170	ug/Kg
106-47-8	4-Chloroaniline	35.4	U	35.4	170	ug/Kg
87-68-3	Hexachlorobutadiene	25.3	U	25.3	170	ug/Kg
105-60-2	Caprolactam	52.1	U	52.1	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	28.7	U	28.7	170	ug/Kg
91-57-6	2-Methylnaphthalene	25.6	U	25.6	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	19.8	U	19.8	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	29.1	U	29.1	170	ug/Kg
92-52-4	1,1-Biphenyl	21.8	U	21.8	170	ug/Kg
91-58-7	2-Chloronaphthalene	22.5	U	22.5	170	ug/Kg
88-74-4	2-Nitroaniline	48.1	U	48.1	170	ug/Kg
131-11-3	Dimethylphthalate	27.1	U	27.1	170	ug/Kg

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave L	Date Received:	
Client Sample ID:	PB167157BL	SDG No.:	Q1574
Lab Sample ID:	PB167157BL	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024180.D	1	03/17/25 09:15	03/18/25 10:26	PB167157

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	28.9	U	28.9	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	33.6	U	33.6	170	ug/Kg
99-09-2	3-Nitroaniline	46.0	U	46.0	170	ug/Kg
83-32-9	Acenaphthene	21.3	U	21.3	170	ug/Kg
51-28-5	2,4-Dinitrophenol	230	U	230	330	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	330	ug/Kg
132-64-9	Dibenzofuran	22.7	U	22.7	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	50.1	U	50.1	170	ug/Kg
84-66-2	Diethylphthalate	28.3	U	28.3	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26.7	U	26.7	170	ug/Kg
86-73-7	Fluorene	25.3	U	25.3	170	ug/Kg
100-01-6	4-Nitroaniline	64.2	U	64.2	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	32.9	U	32.9	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	27.8	U	27.8	170	ug/Kg
118-74-1	Hexachlorobenzene	25.3	U	25.3	170	ug/Kg
1912-24-9	Atrazine	34.0	U	34.0	170	ug/Kg
87-86-5	Pentachlorophenol	51.3	U	51.3	330	ug/Kg
85-01-8	Phenanthrene	20.9	U	20.9	170	ug/Kg
120-12-7	Anthracene	33.3	U	33.3	170	ug/Kg
86-74-8	Carbazole	31.2	U	31.2	170	ug/Kg
84-74-2	Di-n-butylphthalate	47.9	U	47.9	170	ug/Kg
206-44-0	Fluoranthene	30.0	U	30.0	170	ug/Kg
129-00-0	Pyrene	36.0	U	36.0	170	ug/Kg
85-68-7	Butylbenzylphthalate	71.4	U	71.4	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	36.7	U	36.7	330	ug/Kg
56-55-3	Benzo(a)anthracene	23.0	U	23.0	170	ug/Kg
218-01-9	Chrysene	19.9	U	19.9	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	59.2	U	59.2	170	ug/Kg
117-84-0	Di-n-octyl phthalate	86.8	U	86.8	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	19.0	U	19.0	170	ug/Kg

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave L	Date Received:	
Client Sample ID:	PB167157BL	SDG No.:	Q1574
Lab Sample ID:	PB167157BL	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024180.D	1	03/17/25 09:15	03/18/25 10:26	PB167157

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	22.4	U	22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	29.5	U	29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	29.1	U	29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	27.4	U	27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	25.7	U	25.7	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	25.6	U	25.6	170	ug/Kg
123-91-1	1,4-Dioxane	45.2	U	45.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	27.4	U	27.4	170	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	151		30 (18) - 130 (112)	101%	SPK: 150
13127-88-3	Phenol-d6	144		30 (15) - 130 (107)	96%	SPK: 150
4165-60-0	Nitrobenzene-d5	96.9		30 (18) - 130 (107)	97%	SPK: 100
321-60-8	2-Fluorobiphenyl	97.8		30 (20) - 130 (109)	98%	SPK: 100
118-79-6	2,4,6-Tribromophenol	146		30 (10) - 130 (116)	97%	SPK: 150
1718-51-0	Terphenyl-d14	110		30 (10) - 130 (105)	110%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	334000	7.769			
1146-65-2	Naphthalene-d8	1340000	10.545			
15067-26-2	Acenaphthene-d10	815000	14.404			
1517-22-2	Phenanthrene-d10	1550000	17.204			
1719-03-5	Chrysene-d12	1480000	21.663			
1520-96-3	Perylene-d12	1570000	25.051			

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_P\Data\BP031825\
Data File : BP024180.D
Acq On : 18 Mar 2025 10:26
Operator : RC/JU
Sample : PB167157BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB167157BL

Quant Time: Mar 18 11:08:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	334055	20.000	ng	0.00
21) Naphthalene-d8	10.545	136	1336335	20.000	ng	0.00
39) Acenaphthene-d10	14.404	164	814855	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1550471	20.000	ng	0.00
76) Chrysene-d12	21.663	240	1479758	20.000	ng	0.00
86) Perylene-d12	25.051	264	1571336	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	3169610	151.460	ng	0.00
7) Phenol-d6	6.946	99	4016663	143.529	ng	0.00
23) Nitrobenzene-d5	8.916	82	2294715	96.885	ng	0.00
42) 2,4,6-Tribromophenol	15.922	330	1494177	145.573	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	5406055	97.826	ng	0.00
79) Terphenyl-d14	19.933	244	7903635	110.254	ng	0.01

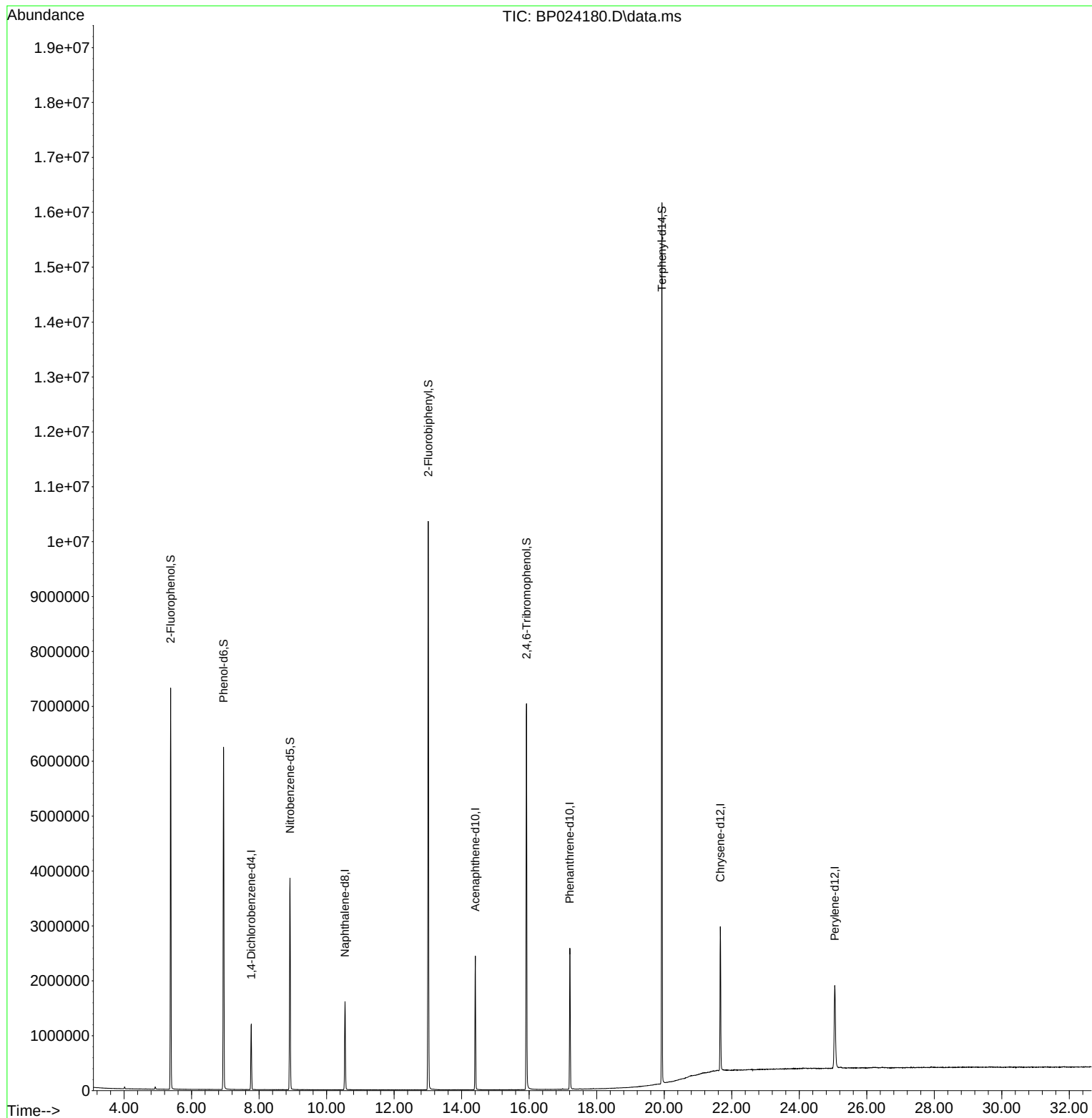
Target Compounds	Qvalue

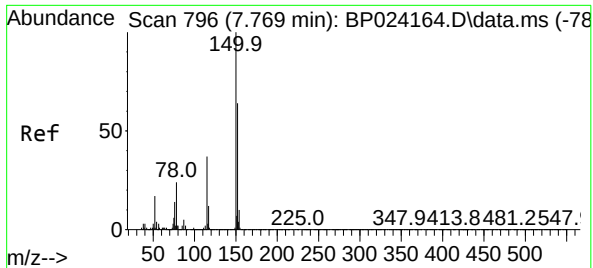
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031825\
Data File : BP024180.D
Acq On : 18 Mar 2025 10:26
Operator : RC/JU
Sample : PB167157BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB167157BL

Quant Time: Mar 18 11:08:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration

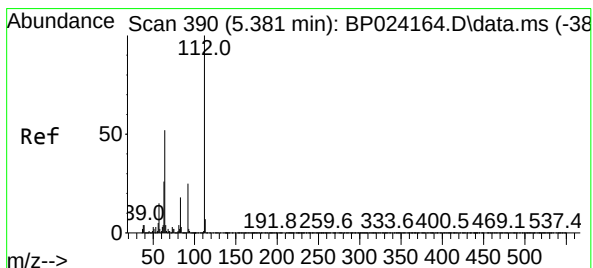
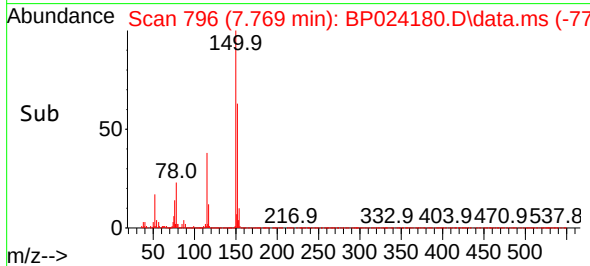
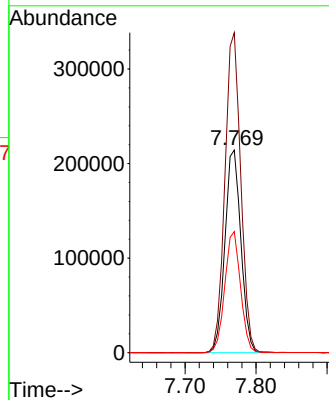
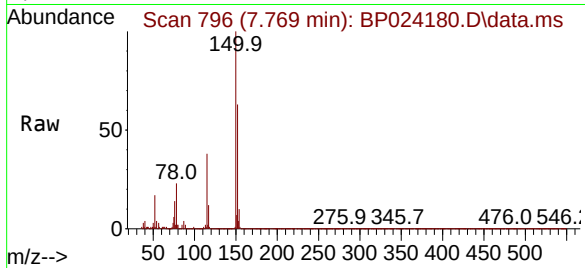




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 796
Delta R.T. 0.000 min
Lab File: BP024180.D
Acq: 18 Mar 2025 10:26

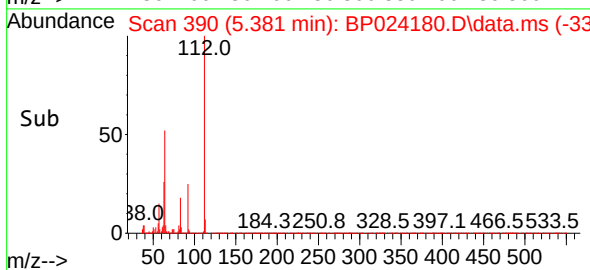
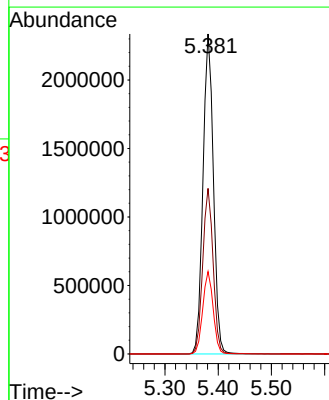
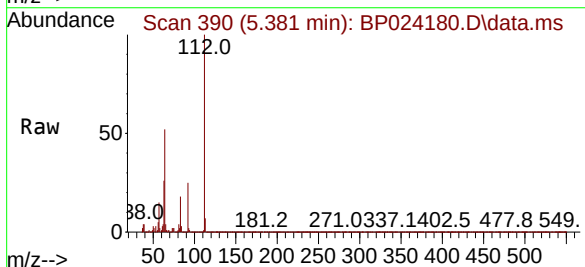
Instrument :
BNA_P
ClientSampleId :
PB167157BL

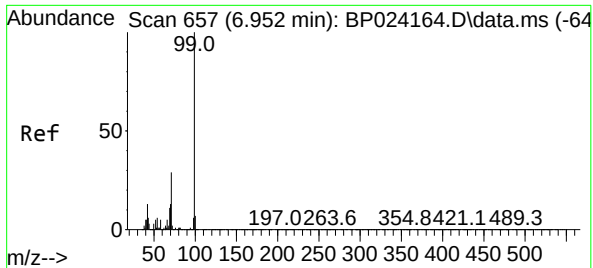
Tgt Ion:152 Resp: 334055
Ion Ratio Lower Upper
152 100
150 157.9 125.5 188.3
115 59.8 46.3 69.5



#5
2-Fluorophenol
Concen: 151.460 ng
RT: 5.381 min Scan# 390
Delta R.T. -0.000 min
Lab File: BP024180.D
Acq: 18 Mar 2025 10:26

Tgt Ion:112 Resp: 3169610
Ion Ratio Lower Upper
112 100
64 51.8 41.3 61.9
63 25.8 20.6 31.0





#7

Phenol-d6

Concen: 143.529 ng

RT: 6.946 min Scan# 61

Delta R.T. -0.006 min

Lab File: BP024180.D

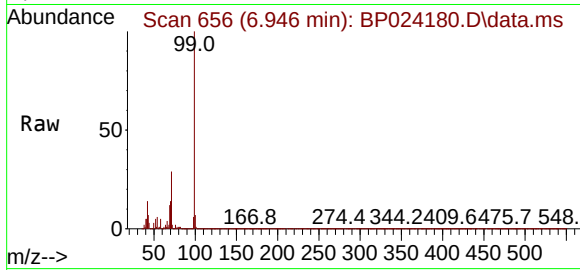
Acq: 18 Mar 2025 10:26

Instrument :

BNA_P

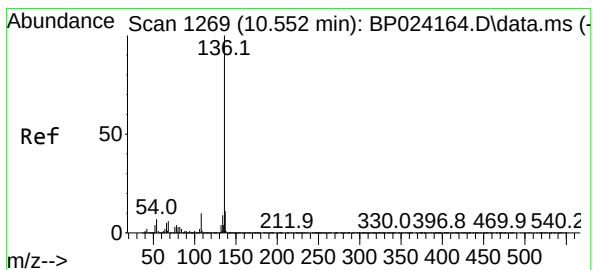
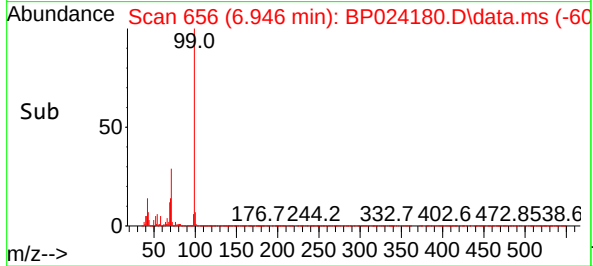
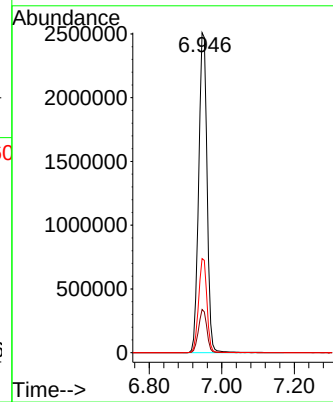
ClientSampleId :

PB167157BL



Tgt Ion: 99 Resp: 4016663

Ion	Ratio	Lower	Upper
99	100		
42	13.5	10.6	16.0
71	29.4	23.3	34.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.545 min Scan# 1268

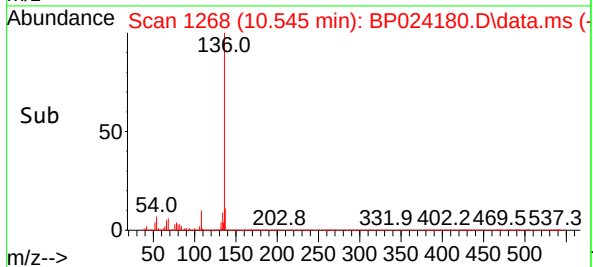
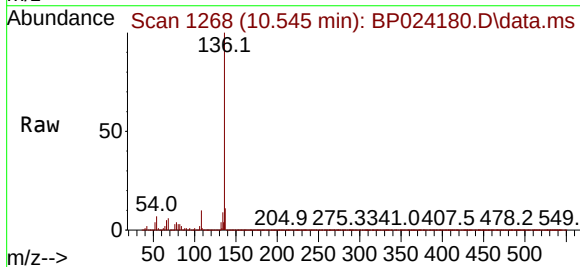
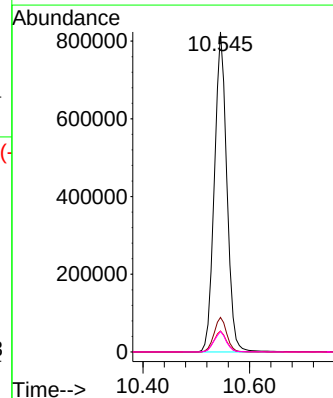
Delta R.T. -0.006 min

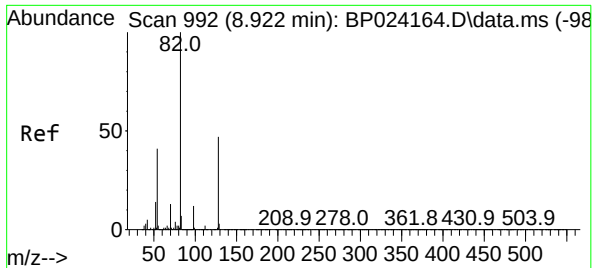
Lab File: BP024180.D

Acq: 18 Mar 2025 10:26

Tgt Ion:136 Resp: 1336335

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.5	5.3	7.9
68	6.4	5.0	7.4





#23

Nitrobenzene-d5

Concen: 96.885 ng

RT: 8.916 min Scan# 991

Delta R.T. -0.006 min

Lab File: BP024180.D

Acq: 18 Mar 2025 10:26

Instrument :

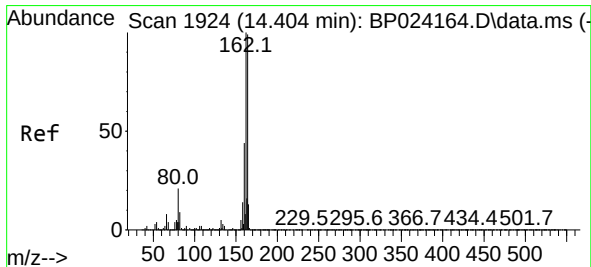
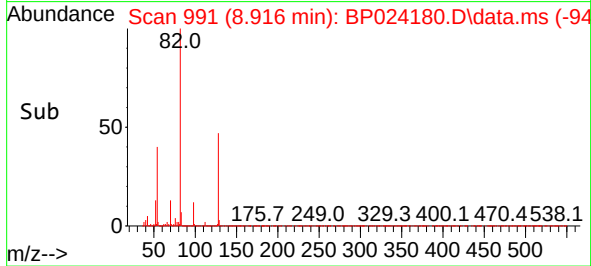
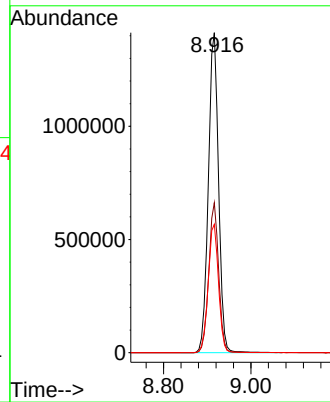
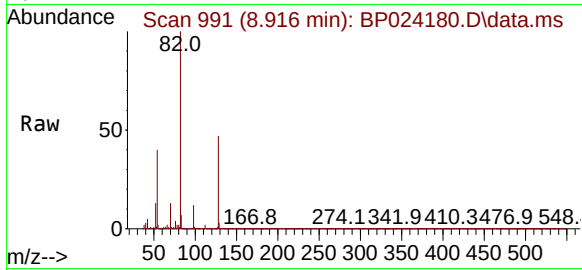
BNA_P

ClientSampleId :

PB167157BL

Tgt Ion: 82 Resp: 2294715

Ion	Ratio	Lower	Upper
82	100		
128	46.9	37.4	56.0
54	40.1	32.5	48.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.404 min Scan# 1924

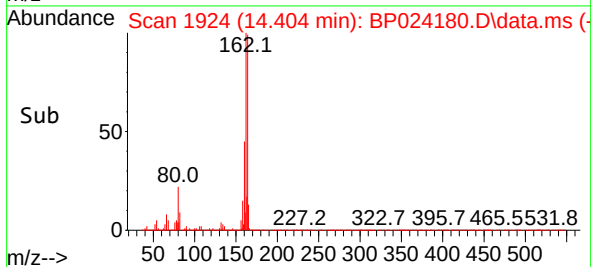
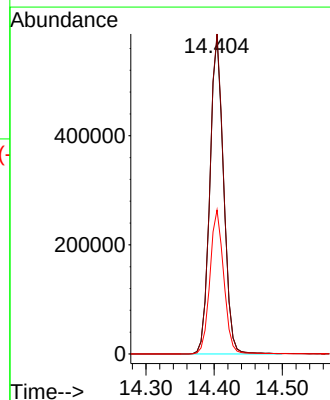
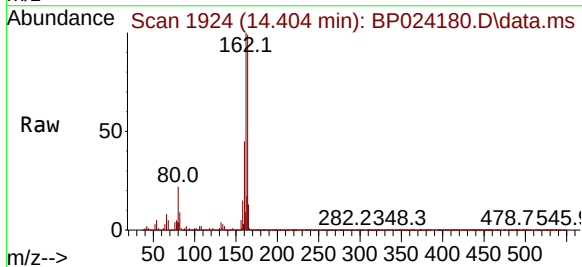
Delta R.T. -0.000 min

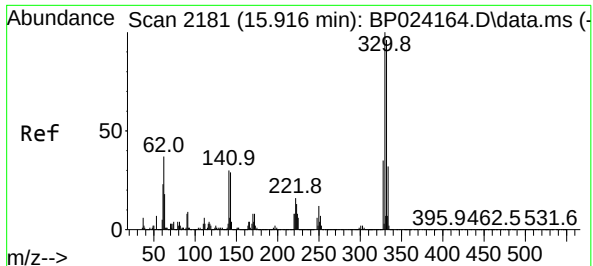
Lab File: BP024180.D

Acq: 18 Mar 2025 10:26

Tgt Ion: 164 Resp: 814855

Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.6	121.0
160	45.4	35.4	53.2





#42

2,4,6-Tribromophenol

Concen: 145.573 ng

RT: 15.922 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024180.D

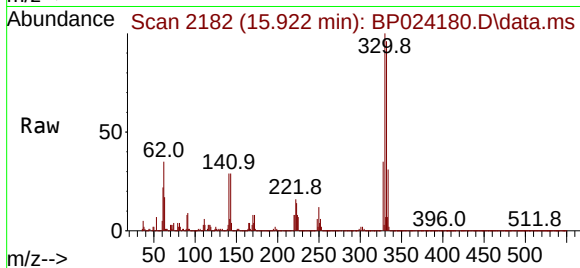
Acq: 18 Mar 2025 10:26

Instrument :

BNA_P

ClientSampleId :

PB167157BL



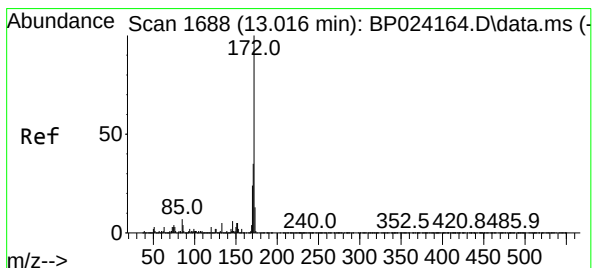
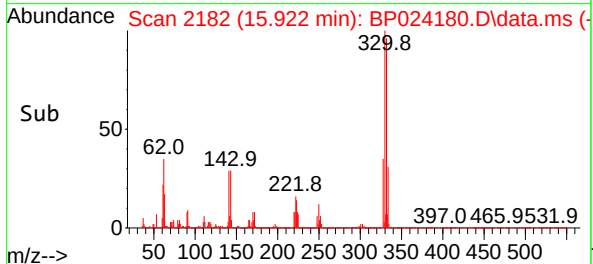
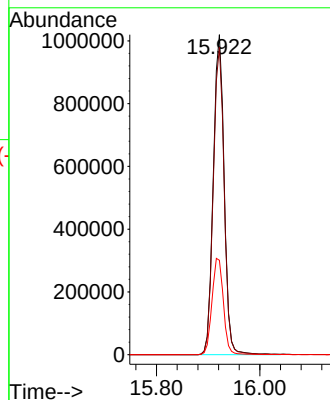
Tgt Ion:330 Resp: 1494177

Ion Ratio Lower Upper

330 100

332 96.2 77.6 116.4

141 31.6 25.0 37.6



#45

2-Fluorobiphenyl

Concen: 97.826 ng

RT: 13.010 min Scan# 1687

Delta R.T. -0.006 min

Lab File: BP024180.D

Acq: 18 Mar 2025 10:26

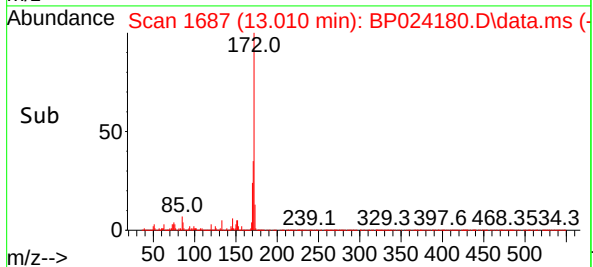
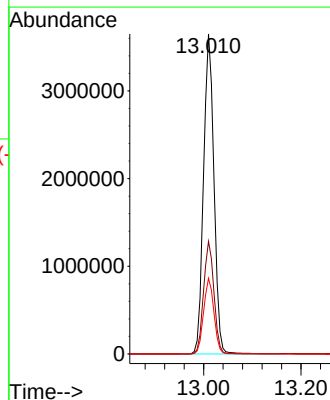
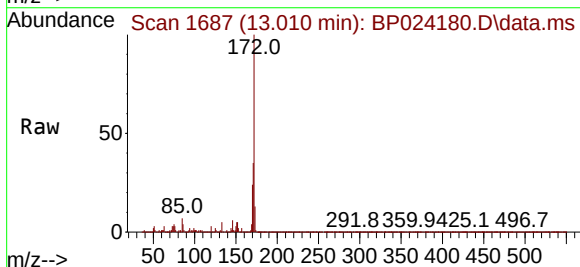
Tgt Ion:172 Resp: 5406055

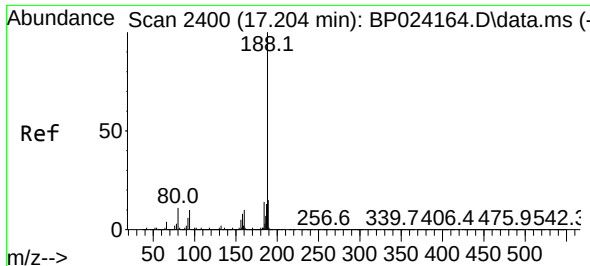
Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.6 19.0 28.4

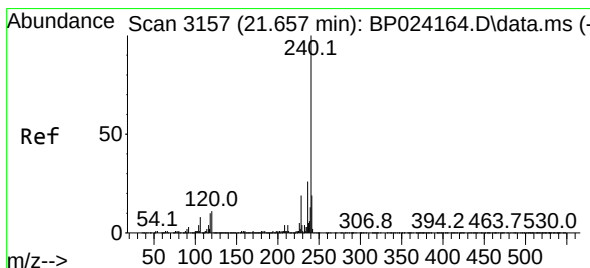
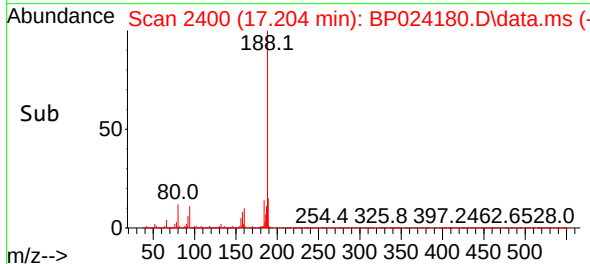
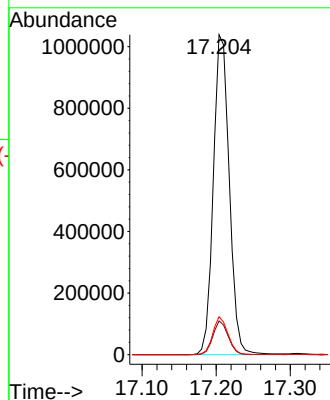
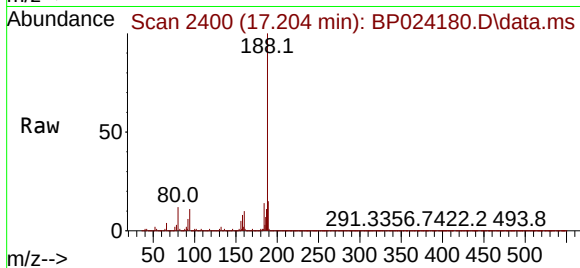




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2400
Delta R.T. -0.000 min
Lab File: BP024180.D
Acq: 18 Mar 2025 10:26

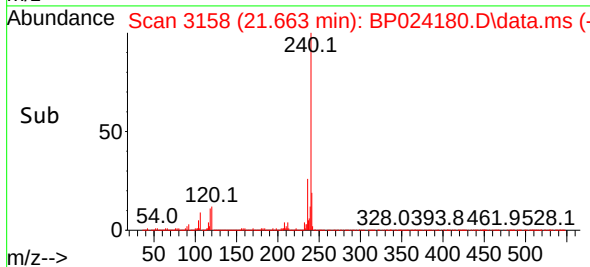
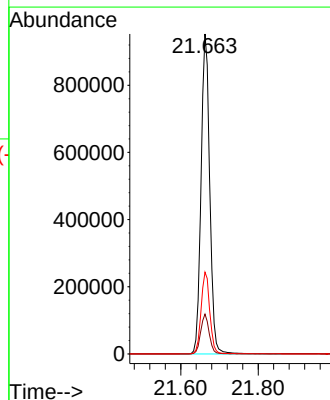
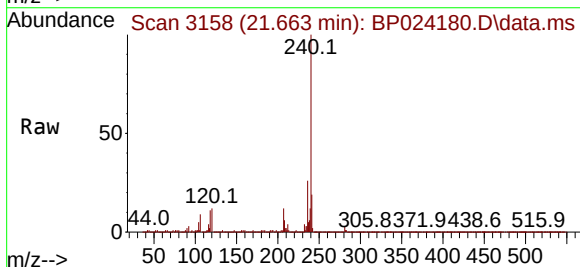
Instrument :
BNA_P
ClientSampleId :
PB167157BL

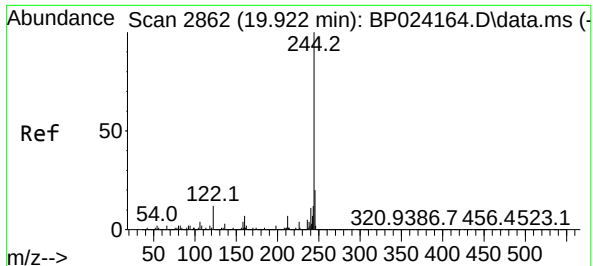
Tgt Ion:188 Resp: 1550471
Ion Ratio Lower Upper
188 100
94 10.5 8.1 12.1
80 11.9 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.663 min Scan# 3158
Delta R.T. 0.006 min
Lab File: BP024180.D
Acq: 18 Mar 2025 10:26

Tgt Ion:240 Resp: 1479758
Ion Ratio Lower Upper
240 100
120 12.5 9.2 13.8
236 25.6 20.4 30.6

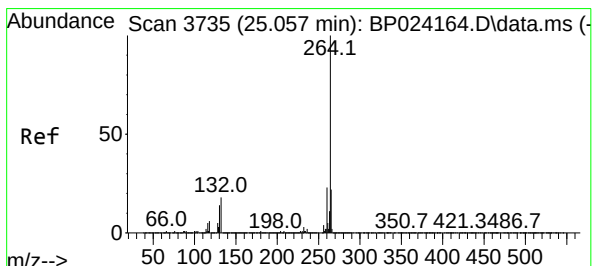
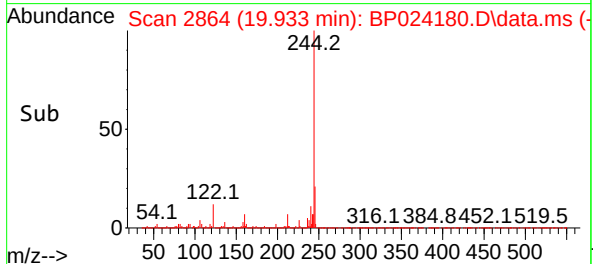
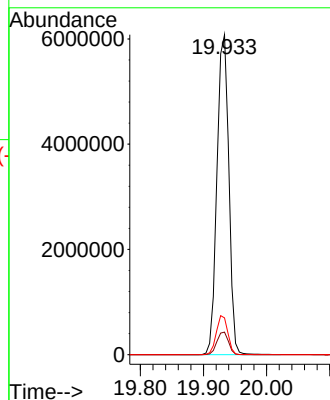
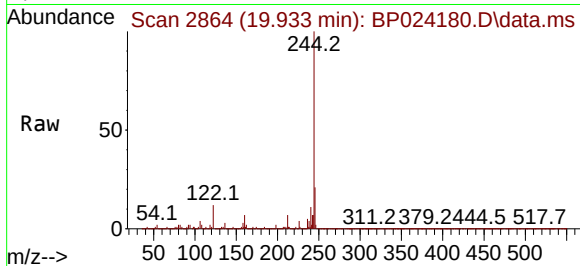




#79
 Terphenyl-d14
 Concen: 110.254 ng
 RT: 19.933 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BP024180.D
 Acq: 18 Mar 2025 10:26

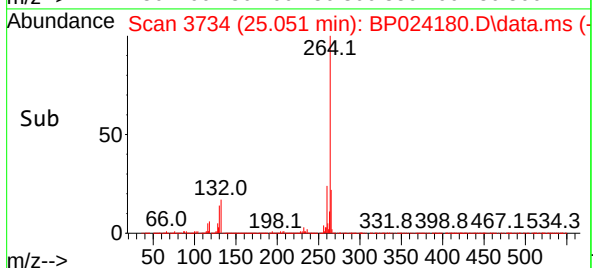
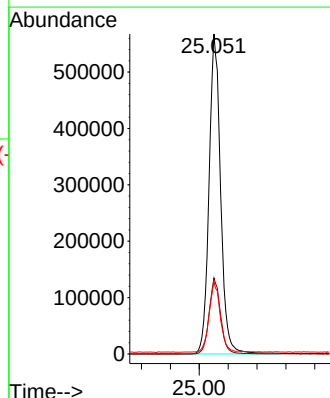
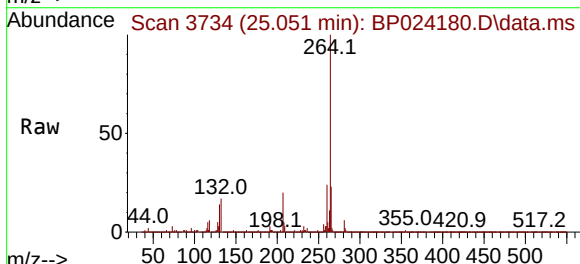
Instrument :
 BNA_P
 ClientSampleId :
 PB167157BL

Tgt Ion:244 Resp: 7903635
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 11.5 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.051 min Scan# 3734
 Delta R.T. -0.006 min
 Lab File: BP024180.D
 Acq: 18 Mar 2025 10:26

Tgt Ion:264 Resp: 1571336
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.5 27.7
 265 22.5 17.7 26.5



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031825\
Data File : BP024180.D
Acq On : 18 Mar 2025 10:26
Operator : RC/JU
Sample : PB167157BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB167157BL

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

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

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024180.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.381	383	390	407	rBV	7311118	9918018	47.31%	10.613%
2	6.946	648	656	675	rBV	6239505	10106661	48.20%	10.815%
3	7.769	788	796	805	rBV	1195498	1873988	8.94%	2.005%
4	8.916	982	991	1010	rBV	3855737	6296564	30.03%	6.738%
5	10.545	1259	1268	1287	rBV	1609048	2635931	12.57%	2.821%
6	13.010	1679	1687	1705	rBV	10358179	15342918	73.18%	16.418%
7	14.404	1917	1924	1945	rBV	2438301	3463550	16.52%	3.706%
8	15.922	2174	2182	2208	rBV	7031691	10863307	51.81%	11.625%
9	17.204	2394	2400	2413	rBV2	2569310	3851215	18.37%	4.121%
10	19.933	2858	2864	2878	rBV	16041623	20966090	100.00%	22.435%
11	21.663	3152	3158	3170	rBV2	2620829	4042822	19.28%	4.326%
12	25.051	3726	3734	3751	rVB	1494967	4090303	19.51%	4.377%

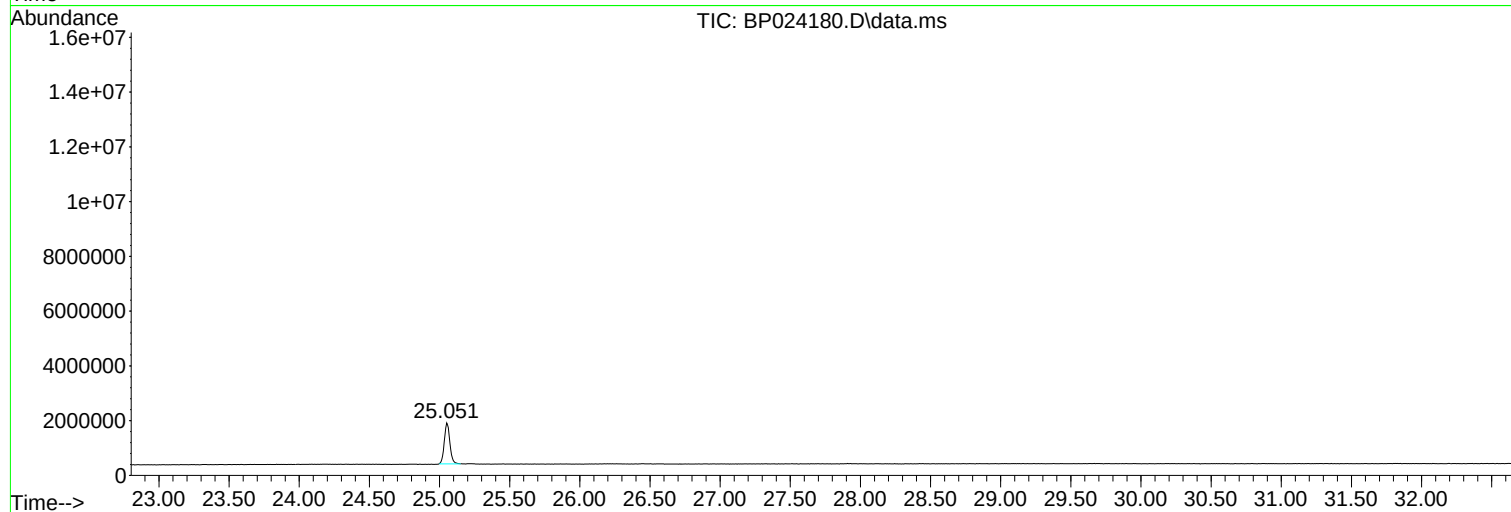
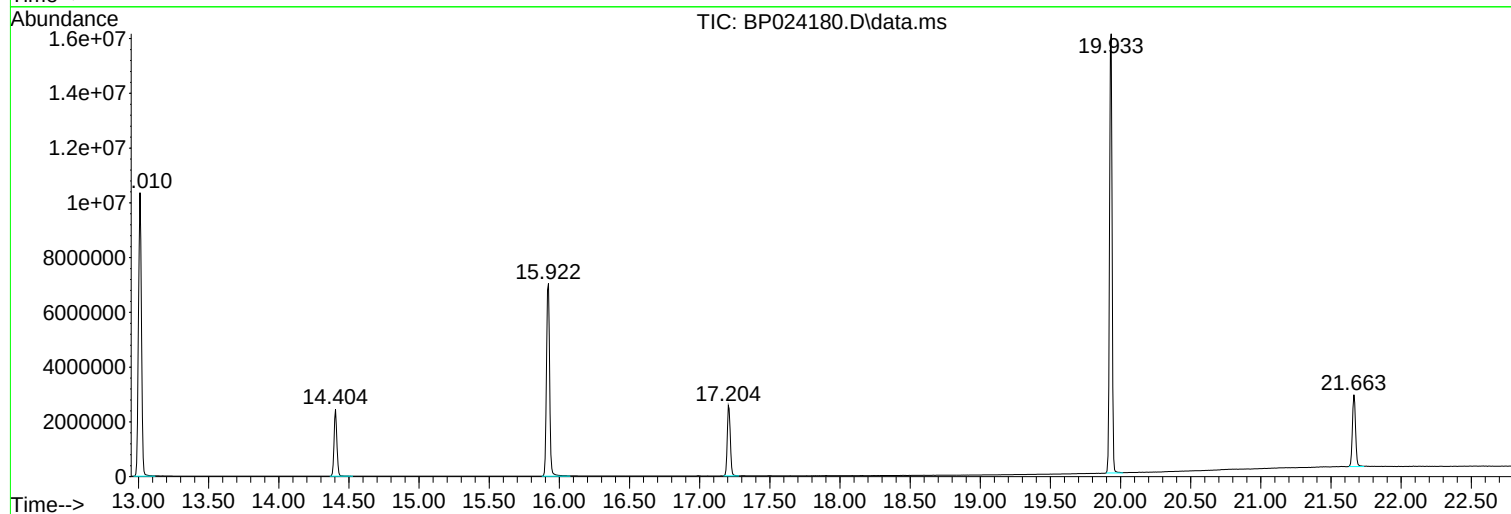
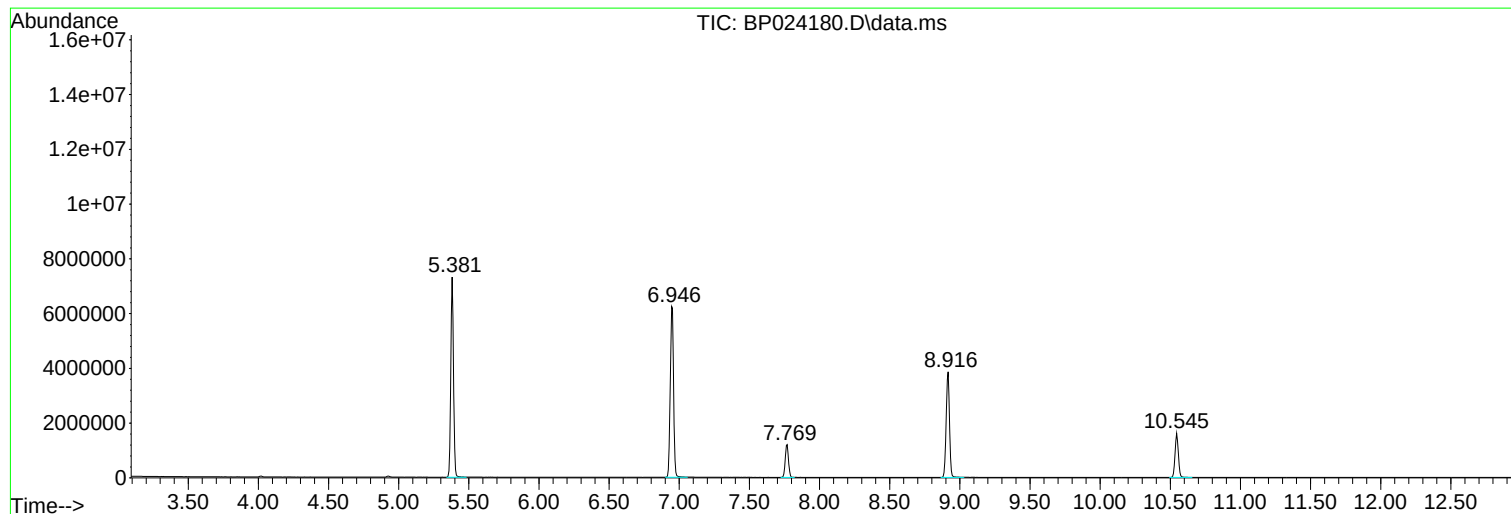
Sum of corrected areas: 93451367

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031825\
Data File : BP024180.D
Acq On : 18 Mar 2025 10:26
Operator : RC/JU
Sample : PB167157BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB167157BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.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_P\Data\BP031825\
Data File : BP024180.D
Acq On : 18 Mar 2025 10:26
Operator : RC/JU
Sample : PB167157BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB167157BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

No Library Search Compounds Detected

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031825\
Data File : BP024180.D
Acq On : 18 Mar 2025 10:26
Operator : RC/JU
Sample : PB167157BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB167157BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.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	#	RT	Resp	Conc

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave L	Date Received:	
Client Sample ID:	PB167157BS	SDG No.:	Q1574
Lab Sample ID:	PB167157BS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024181.D	1	03/17/25 09:15	03/18/25 11:07	PB167157

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	720		160	330	ug/Kg
108-95-2	Phenol	1600		22.1	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1500		24.3	170	ug/Kg
95-57-8	2-Chlorophenol	1600		24.4	170	ug/Kg
95-48-7	2-Methylphenol	1600		29.9	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1600		37.5	170	ug/Kg
98-86-2	Acetophenone	1600		29.5	170	ug/Kg
65794-96-9	3+4-Methylphenols	1600		41.1	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1500		47.4	79.9	ug/Kg
67-72-1	Hexachloroethane	1500		17.6	170	ug/Kg
98-95-3	Nitrobenzene	1500		18.3	170	ug/Kg
78-59-1	Isophorone	1600		32.8	170	ug/Kg
88-75-5	2-Nitrophenol	1500		58.1	170	ug/Kg
105-67-9	2,4-Dimethylphenol	2000		64.7	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		30.8	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1600		28.3	170	ug/Kg
91-20-3	Naphthalene	1500		22.7	170	ug/Kg
106-47-8	4-Chloroaniline	830		35.4	170	ug/Kg
87-68-3	Hexachlorobutadiene	1500		25.3	170	ug/Kg
105-60-2	Caprolactam	1800		52.0	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600		28.7	170	ug/Kg
91-57-6	2-Methylnaphthalene	1400		25.6	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	5400	E	120	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600		19.8	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600		29.1	170	ug/Kg
92-52-4	1,1-Biphenyl	1600		21.8	170	ug/Kg
91-58-7	2-Chloronaphthalene	1500		22.5	170	ug/Kg
88-74-4	2-Nitroaniline	1600		48.1	170	ug/Kg
131-11-3	Dimethylphthalate	1500		27.1	170	ug/Kg

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave L	Date Received:	
Client Sample ID:	PB167157BS	SDG No.:	Q1574
Lab Sample ID:	PB167157BS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024181.D	1	03/17/25 09:15	03/18/25 11:07	PB167157

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1600		28.9	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500		33.6	170	ug/Kg
99-09-2	3-Nitroaniline	1000		46.0	170	ug/Kg
83-32-9	Acenaphthene	1500		21.3	170	ug/Kg
51-28-5	2,4-Dinitrophenol	3800	E	230	330	ug/Kg
100-02-7	4-Nitrophenol	3600	E	110	330	ug/Kg
132-64-9	Dibenzofuran	1400		22.7	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1700		50.0	170	ug/Kg
84-66-2	Diethylphthalate	1500		28.3	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500		26.7	170	ug/Kg
86-73-7	Fluorene	1500		25.3	170	ug/Kg
100-01-6	4-Nitroaniline	1500		64.1	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1600		100	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1600		32.9	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500		27.8	170	ug/Kg
118-74-1	Hexachlorobenzene	1500		25.3	170	ug/Kg
1912-24-9	Atrazine	2500		34.0	170	ug/Kg
87-86-5	Pentachlorophenol	3400	E	51.2	330	ug/Kg
85-01-8	Phenanthrene	1600		20.9	170	ug/Kg
120-12-7	Anthracene	1600		33.3	170	ug/Kg
86-74-8	Carbazole	1600		31.2	170	ug/Kg
84-74-2	Di-n-butylphthalate	1600		47.9	170	ug/Kg
206-44-0	Fluoranthene	1500		30.0	170	ug/Kg
129-00-0	Pyrene	1500		36.0	170	ug/Kg
85-68-7	Butylbenzylphthalate	1600		71.3	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200		36.7	330	ug/Kg
56-55-3	Benzo(a)anthracene	1600		23.0	170	ug/Kg
218-01-9	Chrysene	1500		19.9	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1600		59.1	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1500		86.7	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		19.0	170	ug/Kg

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave L	Date Received:	
Client Sample ID:	PB167157BS	SDG No.:	Q1574
Lab Sample ID:	PB167157BS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024181.D	1	03/17/25 09:15	03/18/25 11:07	PB167157

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1700		22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	1700		29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500		25.7	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1600		25.6	170	ug/Kg
123-91-1	1,4-Dioxane	1400		45.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1500		27.4	170	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	156		30 (18) - 130 (112)	104%	SPK: 150
13127-88-3	Phenol-d6	148		30 (15) - 130 (107)	98%	SPK: 150
4165-60-0	Nitrobenzene-d5	99.5		30 (18) - 130 (107)	100%	SPK: 100
321-60-8	2-Fluorobiphenyl	96.5		30 (20) - 130 (109)	96%	SPK: 100
118-79-6	2,4,6-Tribromophenol	154		30 (10) - 130 (116)	102%	SPK: 150
1718-51-0	Terphenyl-d14	102		30 (10) - 130 (105)	102%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	331000	7.769			
1146-65-2	Naphthalene-d8	1320000	10.552			
15067-26-2	Acenaphthene-d10	810000	14.404			
1517-22-2	Phenanthrene-d10	1520000	17.21			
1719-03-5	Chrysene-d12	1650000	21.669			
1520-96-3	Perylene-d12	1680000	25.057			

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_P\Data\BP031825\
 Data File : BP024181.D
 Acq On : 18 Mar 2025 11:07
 Operator : RC/JU
 Sample : PB167157BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167157BS

Quant Time: Mar 18 11:49:46 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 05:55:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	330651	20.000	ng	0.00
21) Naphthalene-d8	10.552	136	1324493	20.000	ng	0.00
39) Acenaphthene-d10	14.404	164	810278	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	1519988	20.000	ng	0.00
76) Chrysene-d12	21.669	240	1650496	20.000	ng	0.01
86) Perylene-d12	25.057	264	1679154	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	3239471	156.392	ng	0.00
7) Phenol-d6	6.952	99	4090305	147.666	ng	0.00
23) Nitrobenzene-d5	8.922	82	2336787	99.543	ng	0.00
42) 2,4,6-Tribromophenol	15.922	330	1567625	153.591	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	5302619	96.496	ng	0.00
79) Terphenyl-d14	19.928	244	8176573	102.262	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.323	88	354433	43.167	ng	98
3) Pyridine	3.711	79	860358	38.330	ng	98
4) n-Nitrosodimethylamine	3.623	42	337476	45.008	ng	100
6) Aniline	7.105	93	958876	37.995	ng	98
8) 2-Chlorophenol	7.346	128	1045957	46.749	ng	99
9) Benzaldehyde	6.922	77	287327	21.495	ng	98
10) Phenol	6.981	94	1345578	48.120	ng	99
11) bis(2-Chloroethyl)ether	7.199	93	994704	45.108	ng	99
12) 1,3-Dichlorobenzene	7.664	146	1085042	44.971	ng	99
13) 1,4-Dichlorobenzene	7.805	146	1106186	44.903	ng	99
14) 1,2-Dichlorobenzene	8.122	146	1066355	45.107	ng	100
15) Benzyl Alcohol	8.011	79	835938	47.668	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.287	45	1064591	47.302	ng	97
17) 2-Methylphenol	8.216	107	862973	49.214	ng	100
18) Hexachloroethane	8.846	117	397431	45.472	ng	98
19) n-Nitroso-di-n-propyla...	8.569	70	722828	44.980	ng	98
20) 3+4-Methylphenols	8.540	107	1165885	48.396	ng	99
22) Acetophenone	8.587	105	1658596	49.531	ng	# 99
24) Nitrobenzene	8.963	77	1074581	46.402	ng	99
25) Isophorone	9.487	82	1941355	48.244	ng	99
26) 2-Nitrophenol	9.669	139	504613	45.617	ng	99
27) 2,4-Dimethylphenol	9.728	122	872998	61.374	ng	99
28) bis(2-Chloroethoxy)met...	9.957	93	1286717	45.452	ng	99
29) 2,4-Dichlorophenol	10.199	162	921412	47.885	ng	99
30) 1,2,4-Trichlorobenzene	10.410	180	939033	44.170	ng	99
31) Naphthalene	10.599	128	3065402	43.661	ng	100
32) Benzoic acid	9.875	122	699058	50.392	ng	100
33) 4-Chloroaniline	10.710	127	623657	24.821	ng	99
34) Hexachlorobutadiene	10.887	225	544411	44.496	ng	99
35) Caprolactam	11.499	113	333823	52.934	ng	95
36) 4-Chloro-3-methylphenol	11.840	107	977487	47.090	ng	98
37) 2-Methylnaphthalene	12.210	142	2042388	43.059	ng	99
38) 1-Methylnaphthalene	12.434	142	2002912	43.415	ng	100
40) 1,2,4,5-Tetrachloroben...	12.581	216	1147800	49.004	ng	99
41) Hexachlorocyclopentadiene	12.563	237	1373213	162.644	ng	99
43) 2,4,6-Trichlorophenol	12.822	196	695273	46.708	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031825\
 Data File : BP024181.D
 Acq On : 18 Mar 2025 11:07
 Operator : RC/JU
 Sample : PB167157BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167157BS

Quant Time: Mar 18 11:49:46 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 05:55:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.899	196	780193	47.792	ng	100
46) 1,1'-Biphenyl	13.228	154	2970132	48.780	ng	100
47) 2-Chloronaphthalene	13.263	162	2065291	45.095	ng	98
48) 2-Nitroaniline	13.469	65	578402	49.377	ng	96
49) Acenaphthylene	14.122	152	3327135	48.011	ng	100
50) Dimethylphthalate	13.857	163	2540405	44.807	ng	99
51) 2,6-Dinitrotoluene	13.969	165	553274	46.380	ng	99
52) Acenaphthene	14.469	154	2005750	45.300	ng	100
53) 3-Nitroaniline	14.304	138	388125	30.124	ng	99
54) 2,4-Dinitrophenol	14.516	184	727282	115.220	ng	99
55) Dibenzofuran	14.810	168	3101739	43.248	ng	99
56) 4-Nitrophenol	14.634	139	1179751	109.583	ng	99
57) 2,4-Dinitrotoluene	14.775	165	789863	50.127	ng	97
58) Fluorene	15.463	166	2559129	45.797	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	666462	46.209	ng	99
60) Diethylphthalate	15.240	149	2513522	44.519	ng	99
61) 4-Chlorophenyl-phenyle...	15.463	204	1232138	44.956	ng	100
62) 4-Nitroaniline	15.487	138	615562	45.552	ng	99
63) Azobenzene	15.763	77	2437011	45.795	ng	98
65) 4,6-Dinitro-2-methylph...	15.545	198	427388	47.363	ng	96
66) n-Nitrosodiphenylamine	15.687	169	2179696	47.224	ng	99
67) 4-Bromophenyl-phenylether	16.381	248	765644	45.880	ng	97
68) Hexachlorobenzene	16.492	284	899657	45.548	ng	97
69) Atrazine	16.669	200	843780	75.738	ng	99
70) Pentachlorophenol	16.851	266	1307939	102.396	ng	100
71) Phenanthrene	17.251	178	3886389	46.803	ng	100
72) Anthracene	17.351	178	3899598	48.218	ng	100
73) Carbazole	17.634	167	3705785	47.514	ng	99
74) Di-n-butylphthalate	18.222	149	4375417	47.258	ng	100
75) Fluoranthene	19.339	202	4465647	46.435	ng	100
77) Benzidine	19.539	184	1410850	78.183	ng	100
78) Pyrene	19.722	202	4772350	46.510	ng	100
80) Butylbenzylphthalate	20.663	149	2020153	47.741	ng	98
81) Benzo(a)anthracene	21.651	228	4828655	47.056	ng	100
82) 3,3'-Dichlorobenzidine	21.563	252	1193393	34.700	ng	99
83) Chrysene	21.716	228	4491727	45.533	ng	99
84) Bis(2-ethylhexyl)phtha...	21.586	149	2995615	46.917	ng	100
85) Di-n-octyl phthalate	22.892	149	4753251	46.464	ng	99
87) Indeno(1,2,3-cd)pyrene	28.933	276	5729823	48.893	ng	# 91
88) Benzo(b)fluoranthene	23.998	252	4826316	47.671	ng	97
89) Benzo(k)fluoranthene	24.069	252	4939409	49.876	ng	99
90) Benzo(a)pyrene	24.910	252	4563825	51.840	ng	99
91) Dibenzo(a,h)anthracene	29.004	278	4741549	48.632	ng	99
92) Benzo(g,h,i)perylene	30.121	276	4463272	45.033	ng	99

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

Instrument :
BNA_P
ClientSampleId :
PB167157BS

Abundance

TIC: BP024181.D\data.ms

Time-->

2e+07

1.9e+07

1.8e+07

1.7e+07

1.6e+07

1.5e+07

1.4e+07

1.3e+07

1.2e+07

1.1e+07

1e+07

900000

800000

700000

600000

500000

400000

300000

200000

100000

0

4.00

6.00

8.00

10.00

12.00

14.00

16.00

18.00

20.00

22.00

24.00

26.00

28.00

30.00

32.00

1,4-Dioxane

n-Nitrosodiphenylamine,

2-Fluorophenol, S

Phenol-d6, S

Benzaldehyde, Phenol, S

2,4-Dichlorophenyl ether

1,4-Dichlorobenzene

1,4-Dichlorobenzene, C

2,2'-oxybis(1-chlorobenzene)

2,2'-oxybis(1-chlorobenzene), P

Nitrobenzene

Nitrobenzene-d5, S

Isophorone

2-Nitrophenol

2,4-Dinitrophenol, C

2,4-Dinitrophenol, P

4-Chlorophenol

Hexachlorobutadiene, C

Caprolactam

4-Chloro-3-methylphenol, C

2-Methylnaphthalene

1-Methyl-2-chlorobenzene

1-Methyl-2-chlorobenzene, C

2,4,6-Tribromophenol, S

2-Chloronaphthalene

2-Nitroaniline

2,6-Dinitrotoluene

2,6-Dinitrotoluene, C

3-Nitroaniline

Acenaphthylene

Acenaphthylene, C

2,3,4,6-Tetrachlorophenol

2,3,4,6-Tetrachlorophenol, C

4,6-Dinitro-2-methylphenol

Azobenzene

4,6-Dinitro-2-methylphenyl ether

2,4,6-Tribromophenol, S

Phenanthrene-d10, I

Phenanthrene-d10, C

Carbazole

Di-n-butylphthalate

Fluoranthene, C

Pyrene

Butylbenzylphthalate

Bis(2-ethylhexyl)phthalate

Di-n-octyl phthalate, c

Benzo(b)fluoranthene

Benzo(k)fluoranthene

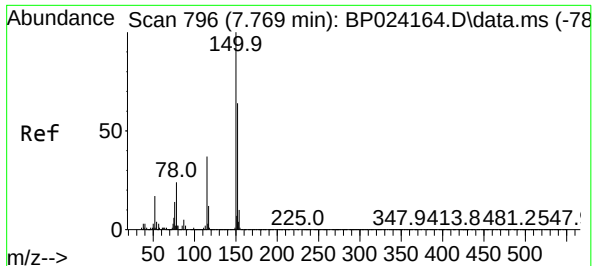
Benzo(a)pyrene, C

Perylene-d12, I

Dibenz(a,h)anthracene

Benzo(g,h,i)perylene

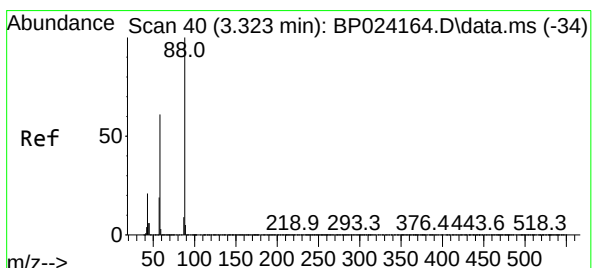
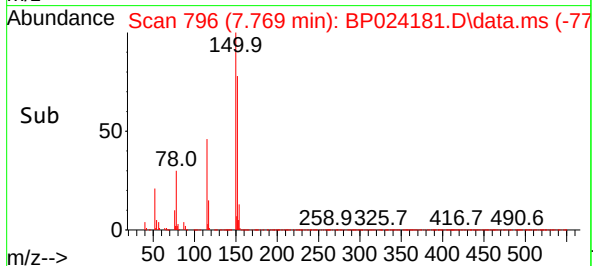
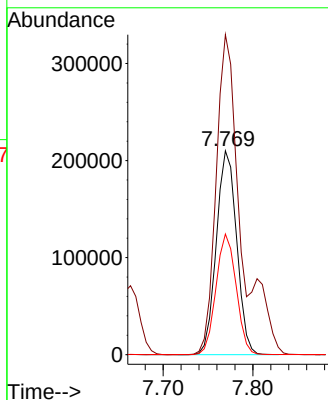
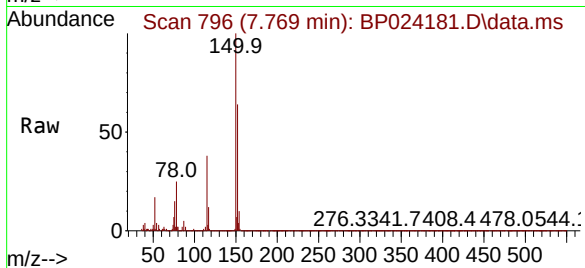
Terphenyl-4,4',S



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 796
Delta R.T. 0.000 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

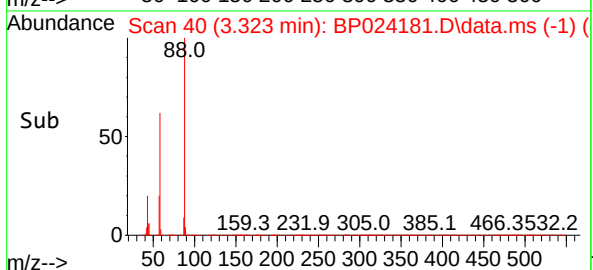
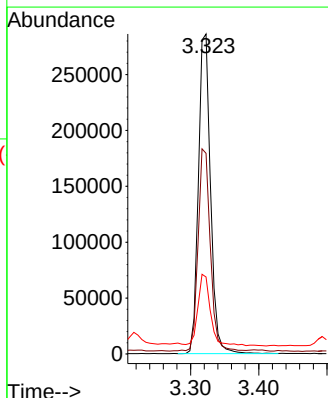
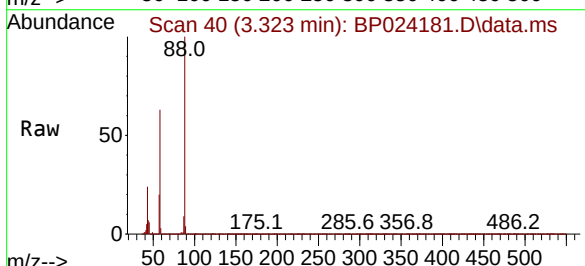
Instrument :
BNA_P
ClientSampleId :
PB167157BS

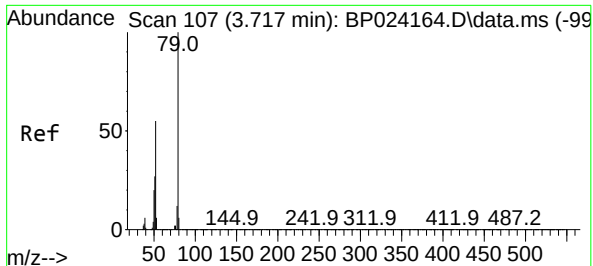
Tgt Ion:152 Resp: 330651
Ion Ratio Lower Upper
152 100
150 157.0 125.5 188.3
115 59.2 46.3 69.5



#2
1,4-Dioxane
Concen: 43.167 ng
RT: 3.323 min Scan# 40
Delta R.T. 0.000 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

Tgt Ion: 88 Resp: 354433
Ion Ratio Lower Upper
88 100
58 63.4 49.8 74.6
43 23.5 17.3 25.9

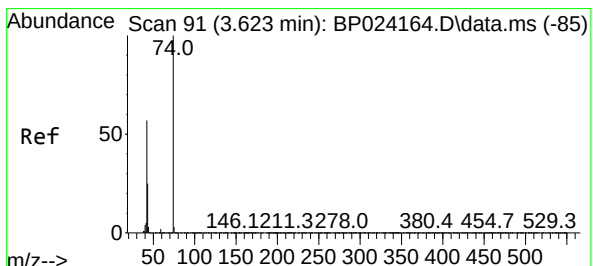
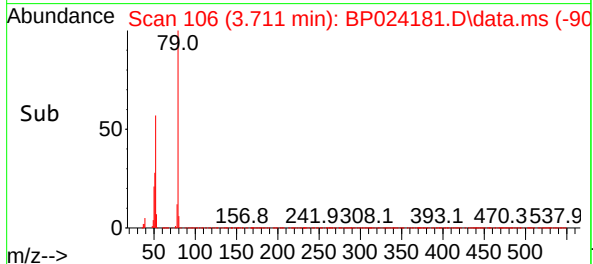
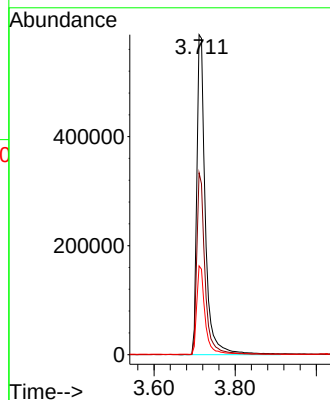
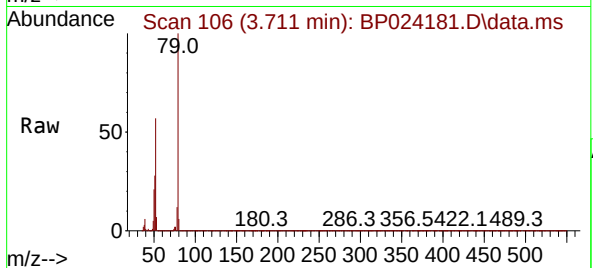




#3
Pyridine
Concen: 38.330 ng
RT: 3.711 min Scan# 106
Delta R.T. -0.006 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

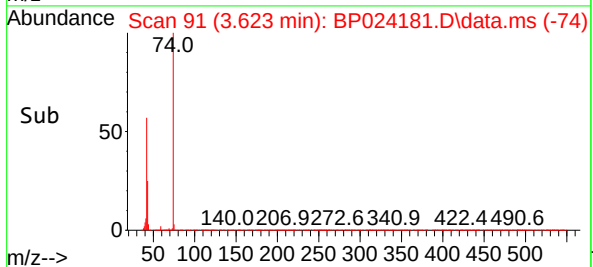
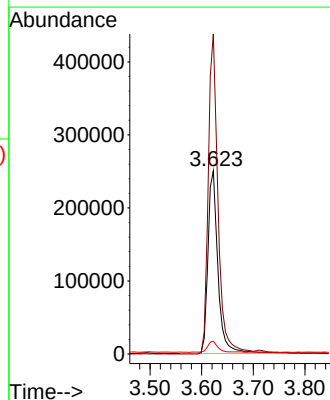
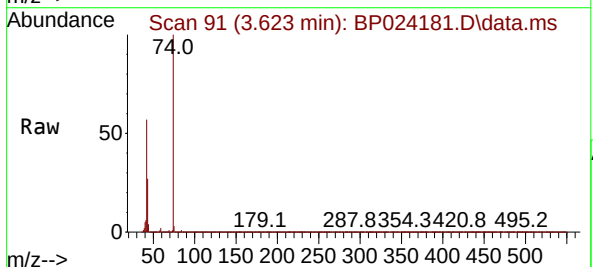
Instrument :
BNA_P
ClientSampleId :
PB167157BS

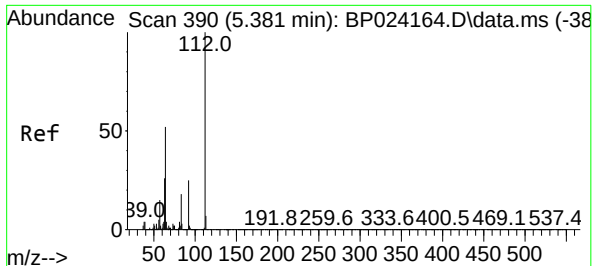
Tgt Ion: 79 Resp: 860358
Ion Ratio Lower Upper
79 100
52 56.9 43.8 65.8
51 27.7 21.6 32.4



#4
n-Nitrosodimethylamine
Concen: 45.008 ng
RT: 3.623 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

Tgt Ion: 42 Resp: 337476
Ion Ratio Lower Upper
42 100
74 174.7 139.8 209.6
44 7.0 5.3 7.9

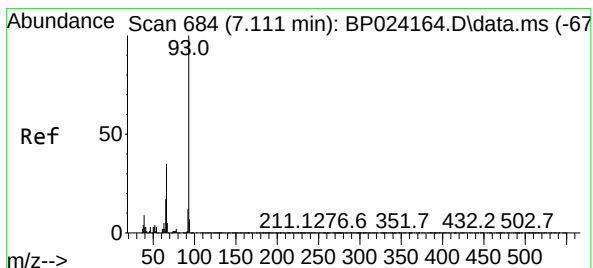
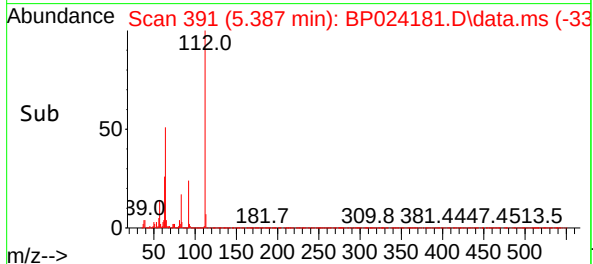
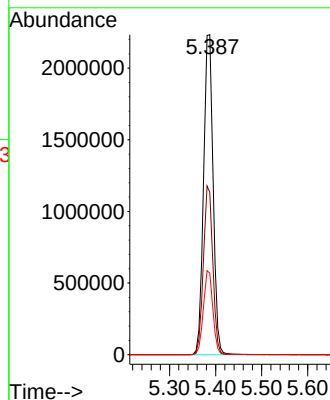
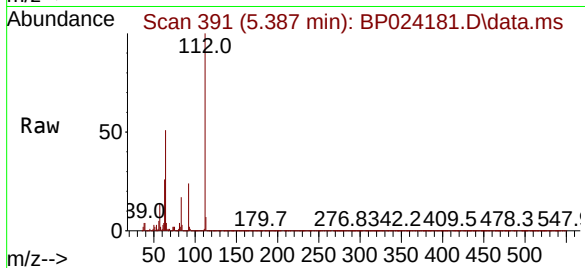




#5
2-Fluorophenol
Concen: 156.392 ng
RT: 5.387 min Scan# 390
Delta R.T. 0.006 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

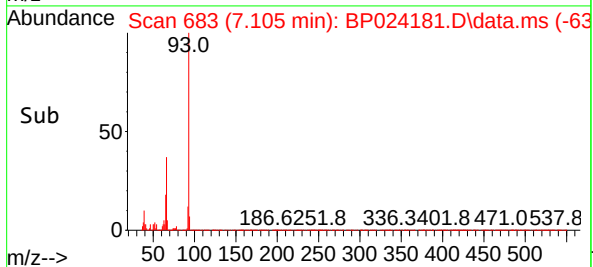
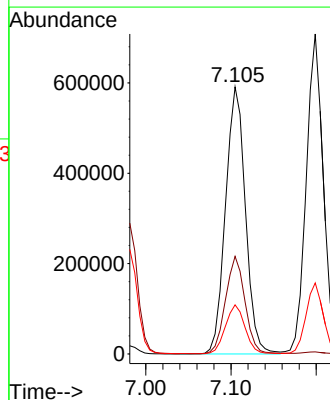
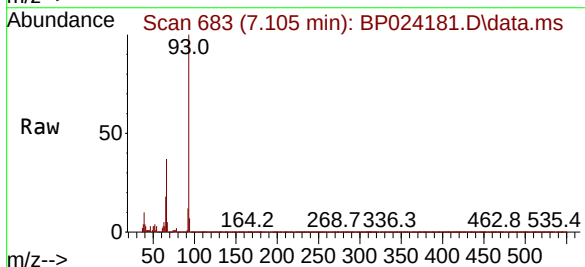
Instrument :
BNA_P
ClientSampleId :
PB167157BS

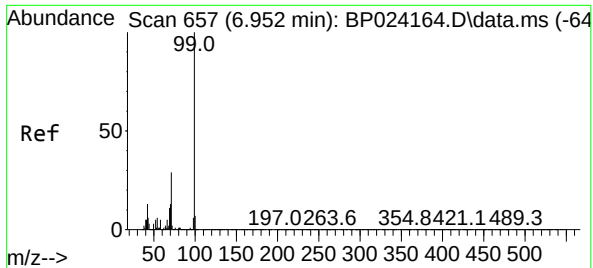
Tgt Ion:112 Resp: 3239471
Ion Ratio Lower Upper
112 100
64 50.7 41.3 61.9
63 25.5 20.6 31.0



#6
Aniline
Concen: 37.995 ng
RT: 7.105 min Scan# 683
Delta R.T. -0.006 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

Tgt Ion: 93 Resp: 958876
Ion Ratio Lower Upper
93 100
66 36.6 28.2 42.2
65 18.4 14.0 21.0

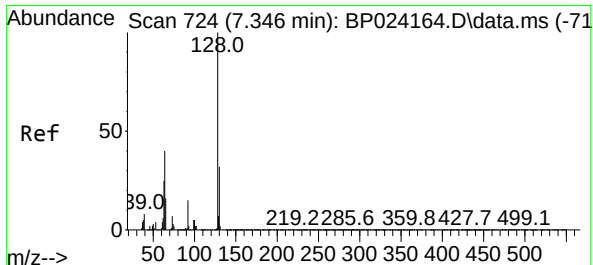
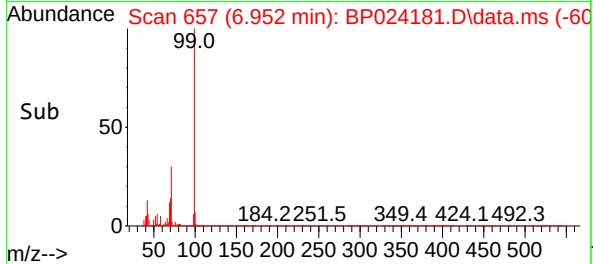
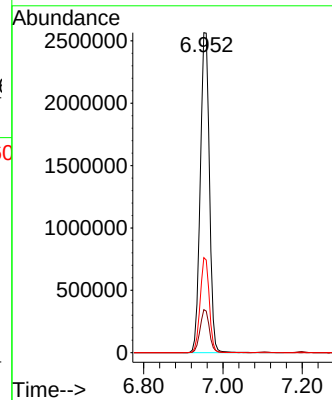
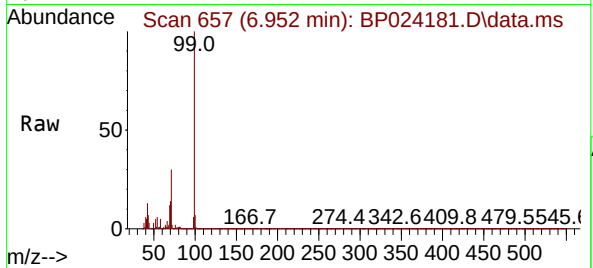




#7
Phenol-d6
Concen: 147.666 ng
RT: 6.952 min Scan# 657
Delta R.T. 0.000 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

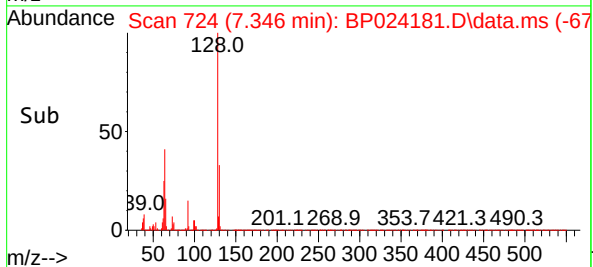
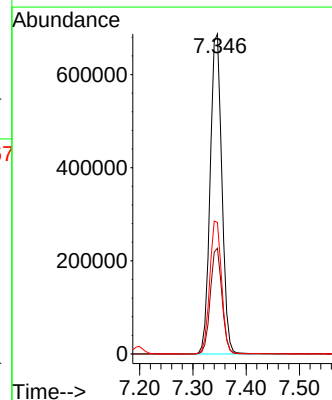
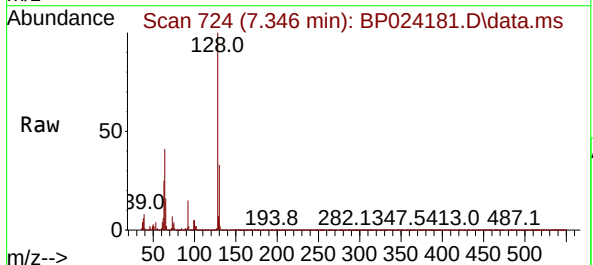
Instrument :
BNA_P
ClientSampleId :
PB167157BS

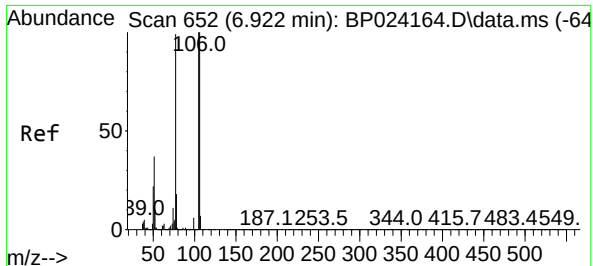
Tgt Ion: 99 Resp: 4090305
Ion Ratio Lower Upper
99 100
42 13.4 10.6 16.0
71 29.7 23.3 34.9



#8
2-Chlorophenol
Concen: 46.749 ng
RT: 7.346 min Scan# 724
Delta R.T. 0.000 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

Tgt Ion: 128 Resp: 1045957
Ion Ratio Lower Upper
128 100
130 33.1 12.0 52.0
64 41.1 21.6 61.6

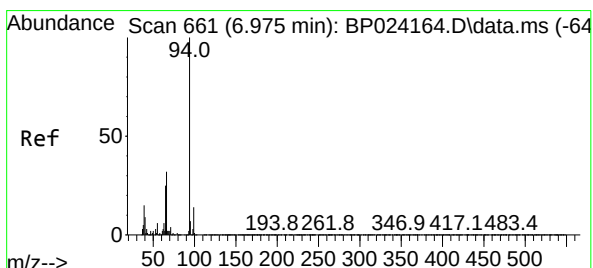
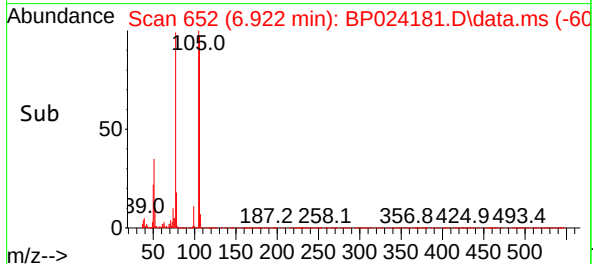
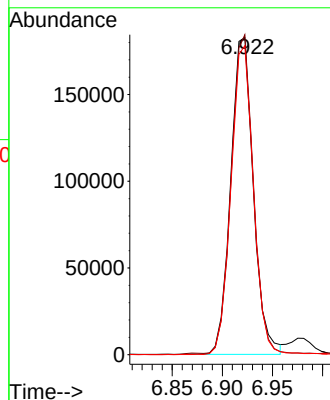
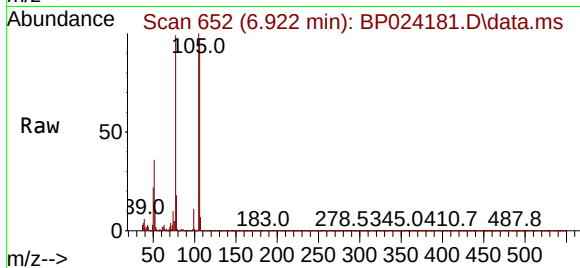




#9
Benzaldehyde
Concen: 21.495 ng
RT: 6.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

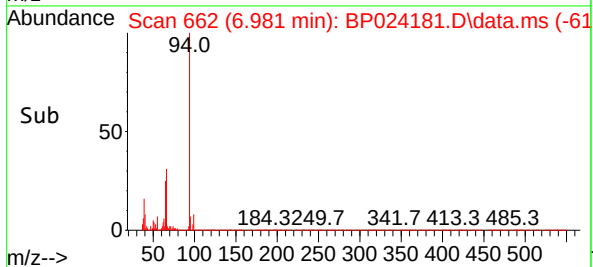
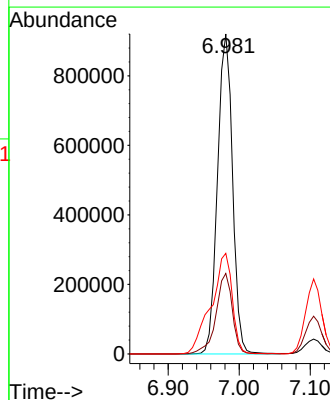
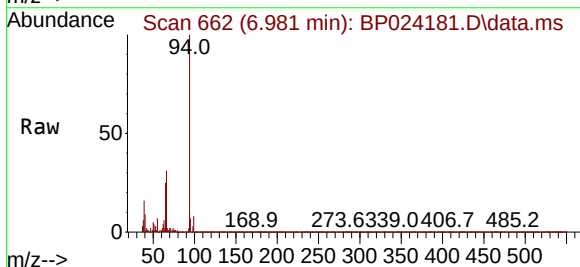
Instrument :
BNA_P
ClientSampleId :
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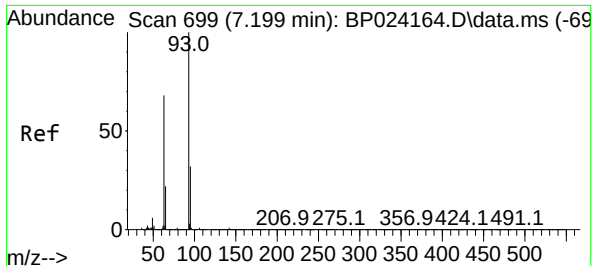
Tgt Ion: 77 Resp: 287327
Ion Ratio Lower Upper
77 100
105 100.9 81.4 121.4
106 97.4 81.1 121.1



#10
Phenol
Concen: 48.120 ng
RT: 6.981 min Scan# 662
Delta R.T. 0.006 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

Tgt Ion: 94 Resp: 1345578
Ion Ratio Lower Upper
94 100
65 25.2 4.9 44.9
66 31.5 11.9 51.9





#11

bis(2-Chloroethyl)ether

Concen: 45.108 ng

RT: 7.199 min Scan# 699

Delta R.T. 0.000 min

Lab File: BP024181.D

Acq: 18 Mar 2025 11:07

Instrument :

BNA_P

ClientSampleId :

PB167157BS

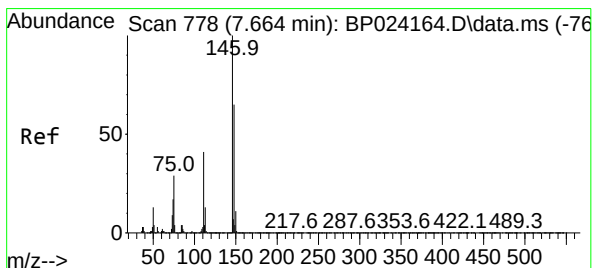
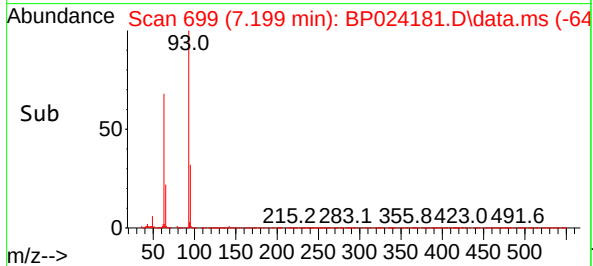
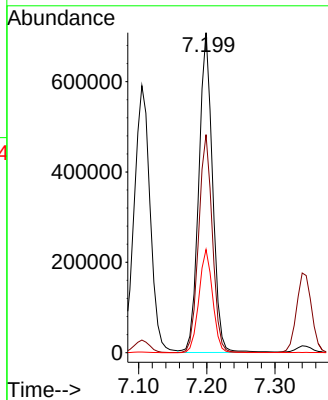
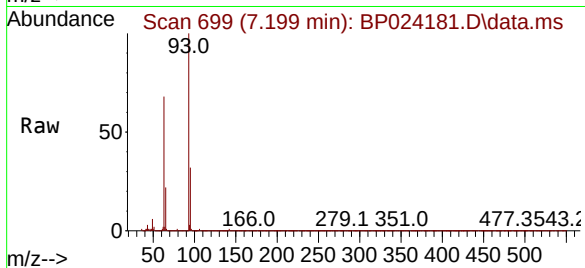
Tgt Ion: 93 Resp: 994704

Ion Ratio Lower Upper

93 100

63 68.1 47.4 87.4

95 32.3 12.1 52.1



#12

1,3-Dichlorobenzene

Concen: 44.971 ng

RT: 7.664 min Scan# 778

Delta R.T. 0.000 min

Lab File: BP024181.D

Acq: 18 Mar 2025 11:07

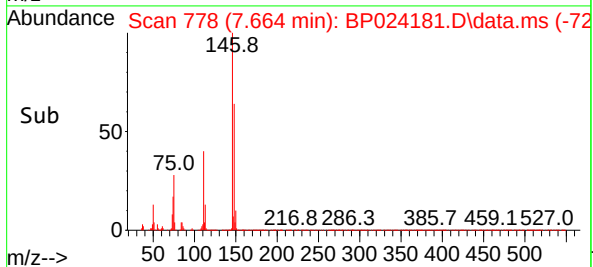
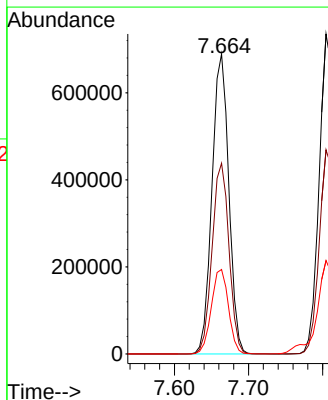
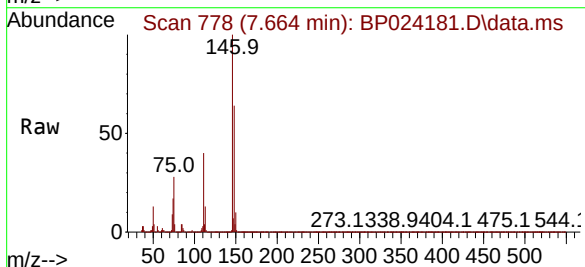
Tgt Ion: 146 Resp: 1085042

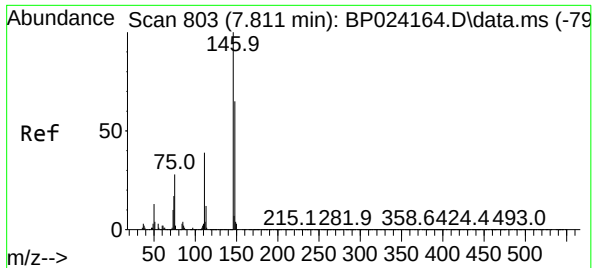
Ion Ratio Lower Upper

146 100

148 63.6 51.6 77.4

75 28.2 22.8 34.2





#13

1,4-Dichlorobenzene

Concen: 44.903 ng

RT: 7.805 min Scan# 803

Delta R.T. -0.006 min

Lab File: BP024181.D

Acq: 18 Mar 2025 11:07

Instrument :

BNA_P

ClientSampleId :

PB167157BS

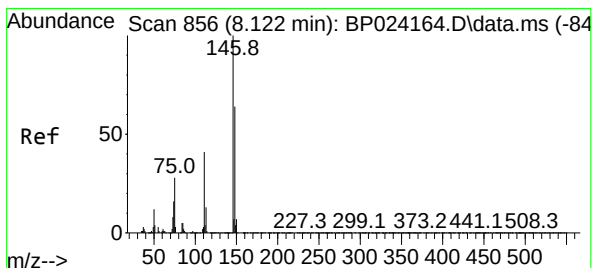
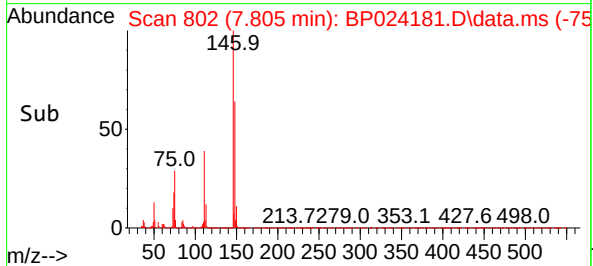
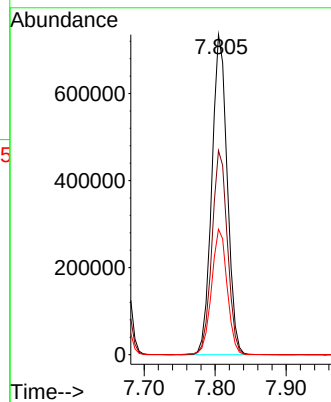
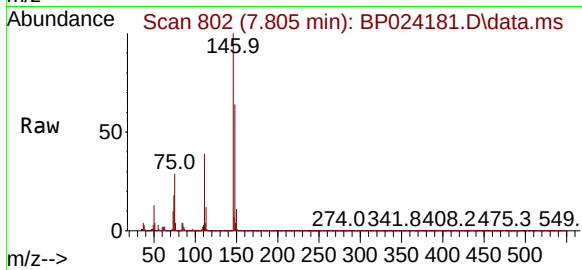
Tgt Ion:146 Resp: 1106186

Ion Ratio Lower Upper

146 100

148 63.8 51.9 77.9

111 39.2 31.4 47.2



#14

1,2-Dichlorobenzene

Concen: 45.107 ng

RT: 8.122 min Scan# 856

Delta R.T. 0.000 min

Lab File: BP024181.D

Acq: 18 Mar 2025 11:07

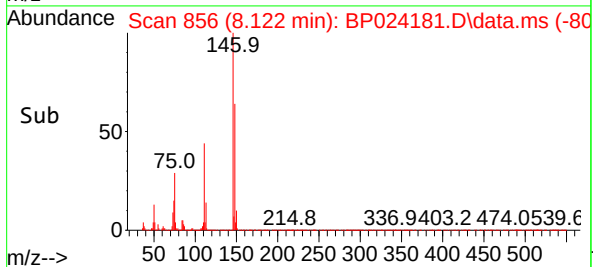
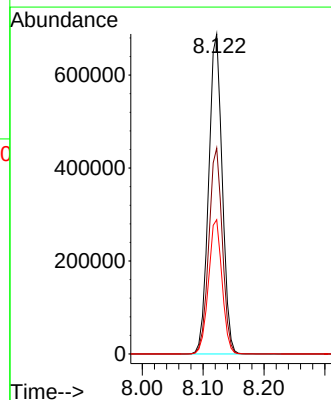
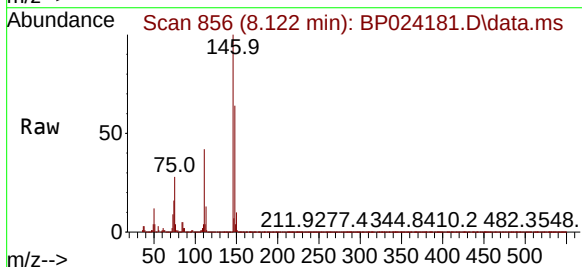
Tgt Ion:146 Resp: 1066355

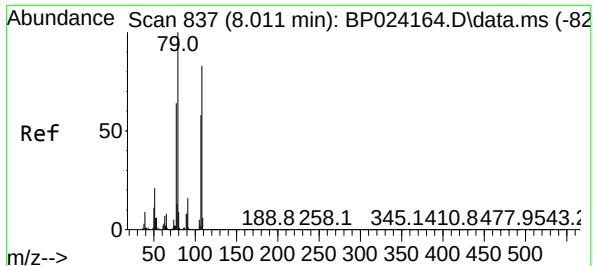
Ion Ratio Lower Upper

146 100

148 64.4 51.4 77.2

111 42.0 33.2 49.8

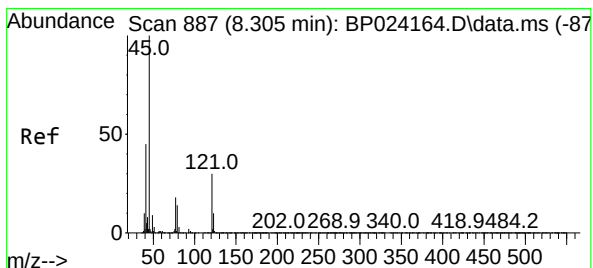
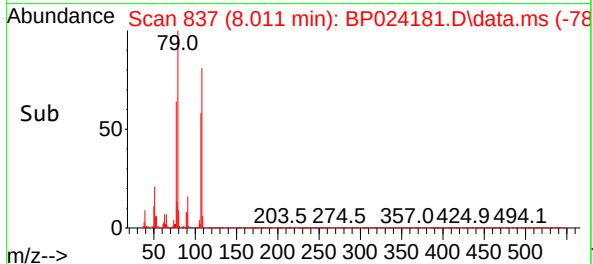
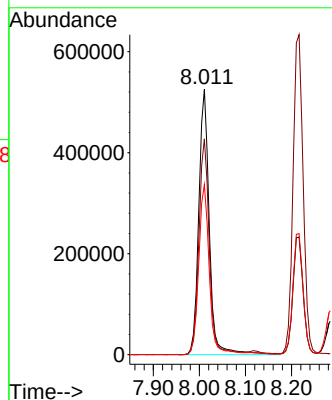
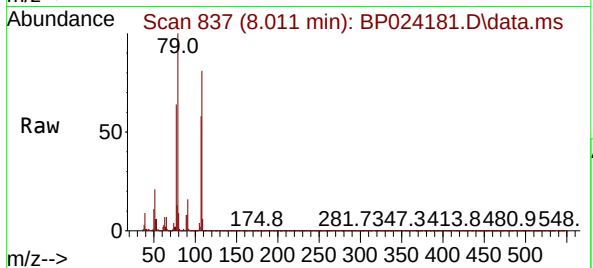




#15
Benzyl Alcohol
Concen: 47.668 ng
RT: 8.011 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

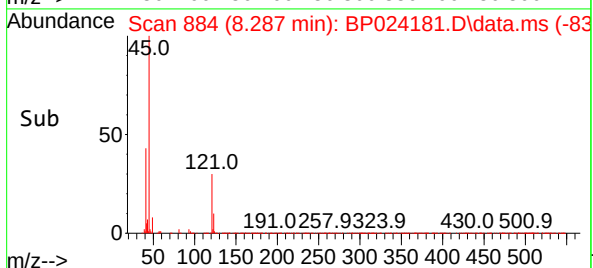
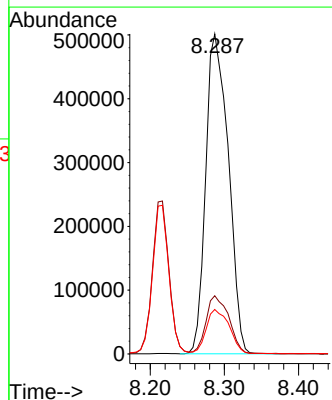
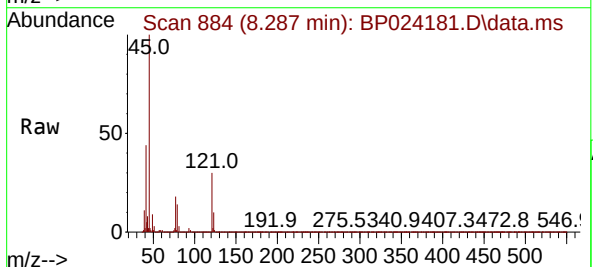
Instrument :
BNA_P
ClientSampleId :
PB167157BS

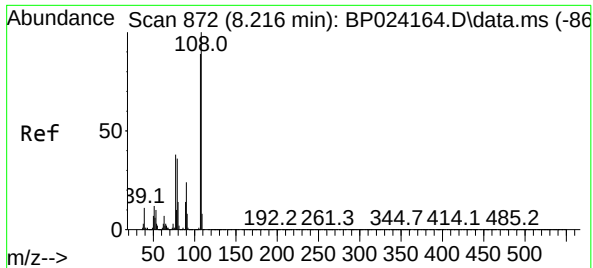
Tgt Ion: 79 Resp: 835938
Ion Ratio Lower Upper
79 100
108 81.3 66.5 99.7
77 64.1 50.9 76.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 47.302 ng
RT: 8.287 min Scan# 884
Delta R.T. -0.018 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

Tgt Ion: 45 Resp: 1064591
Ion Ratio Lower Upper
45 100
77 18.2 0.0 39.0
79 13.9 0.0 35.6

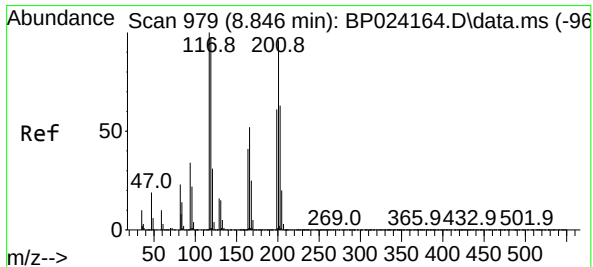
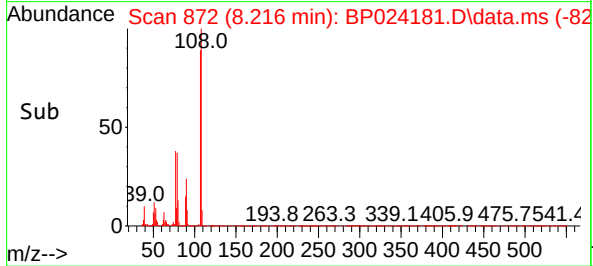
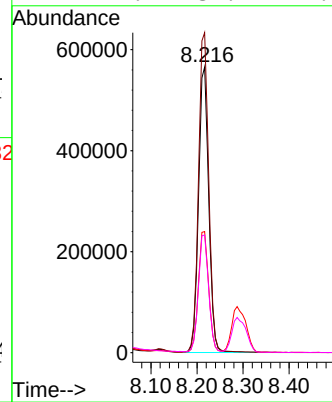
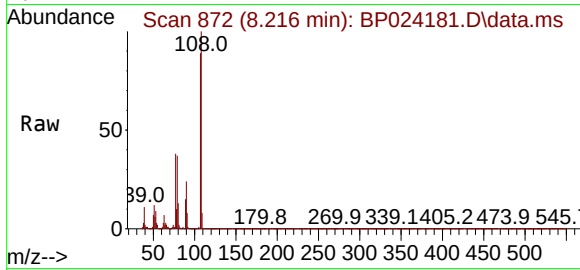




#17
2-Methylphenol
Concen: 49.214 ng
RT: 8.216 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

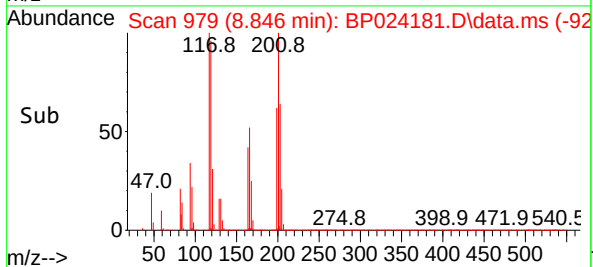
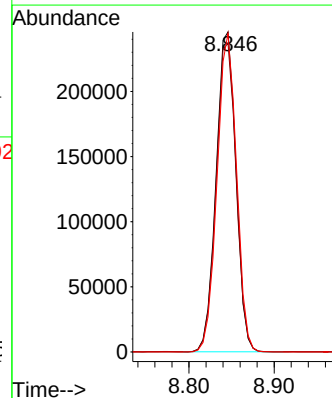
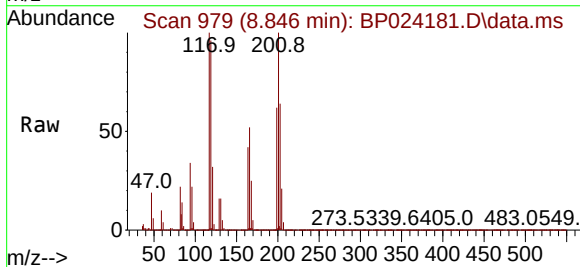
Instrument :
BNA_P
ClientSampleId :
PB167157BS

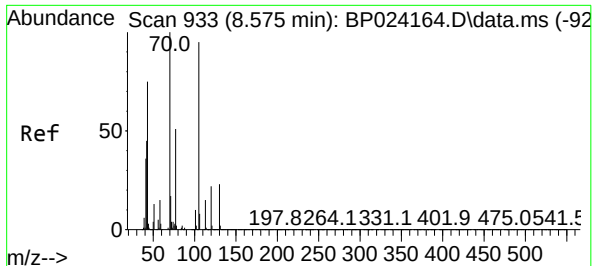
Tgt Ion:107 Resp: 862973
Ion Ratio Lower Upper
107 100
108 112.0 90.0 135.0
77 42.4 34.0 51.0
79 41.2 32.7 49.1



#18
Hexachloroethane
Concen: 45.472 ng
RT: 8.846 min Scan# 979
Delta R.T. 0.000 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

Tgt Ion:117 Resp: 397431
Ion Ratio Lower Upper
117 100
119 96.5 77.4 116.0
201 99.5 76.6 114.8

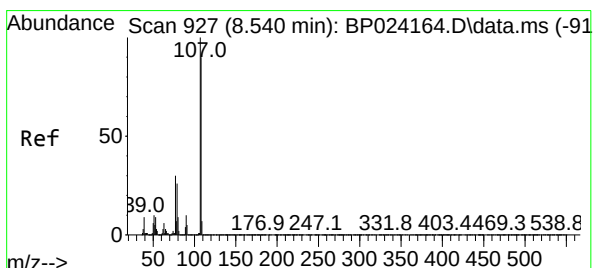
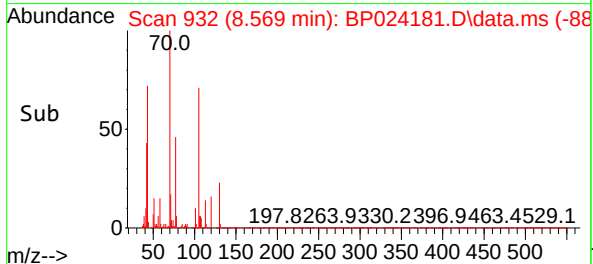
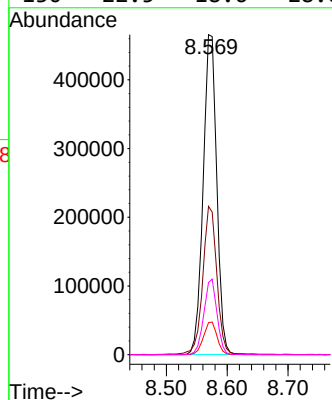
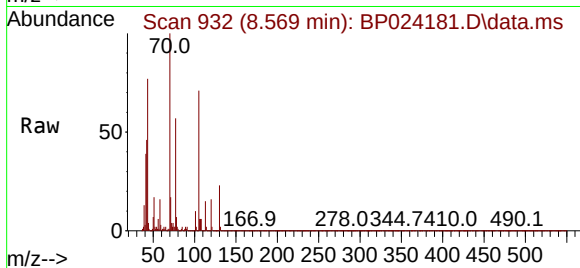




#19
n-Nitroso-di-n-propylamine
Concen: 44.980 ng
RT: 8.569 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

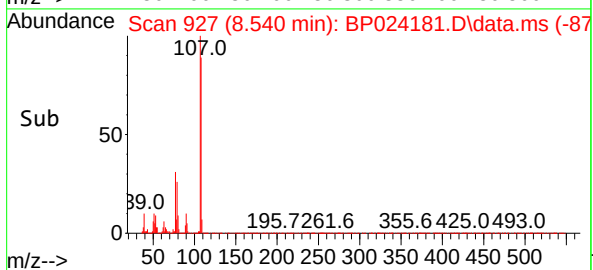
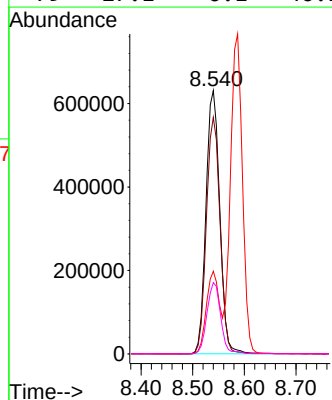
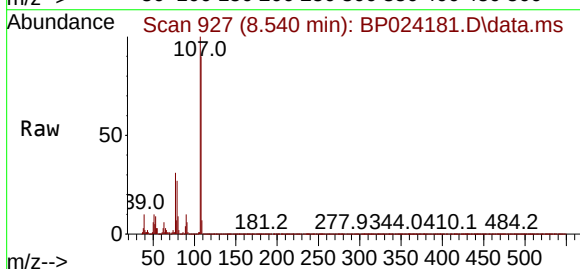
Instrument :
BNA_P
ClientSampleId :
PB167157BS

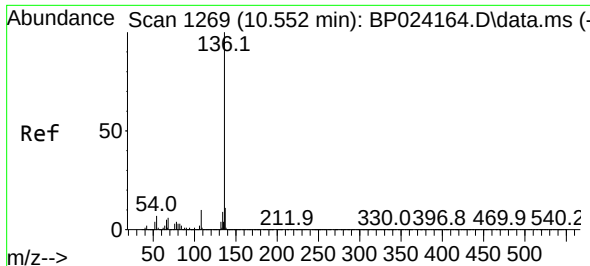
Tgt Ion: 70 Resp: 722828
Ion Ratio Lower Upper
70 100
42 46.4 36.0 54.0
101 10.0 8.3 12.5
130 22.5 18.6 28.0



#20
3+4-Methylphenols
Concen: 48.396 ng
RT: 8.540 min Scan# 927
Delta R.T. 0.000 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

Tgt Ion: 107 Resp: 1165885
Ion Ratio Lower Upper
107 100
108 89.9 69.7 109.7
77 31.4 10.3 50.3
79 27.1 6.1 46.1

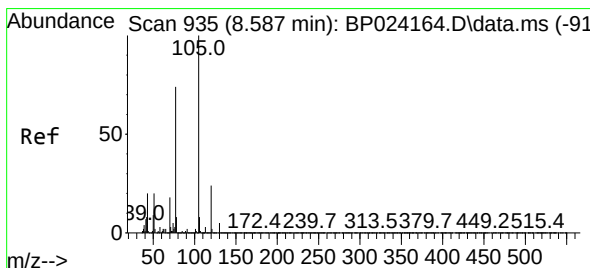
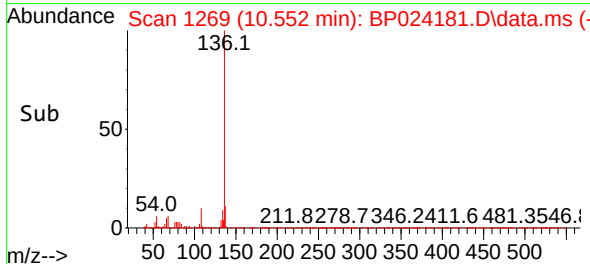
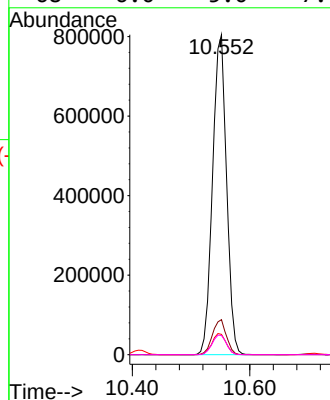
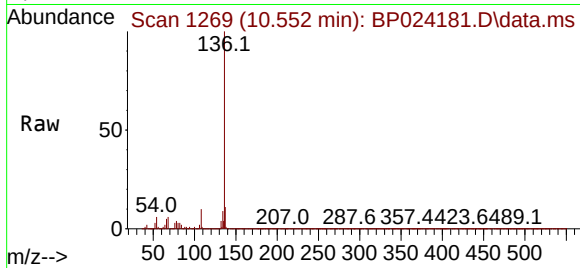




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.552 min Scan# 1269
Delta R.T. 0.000 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

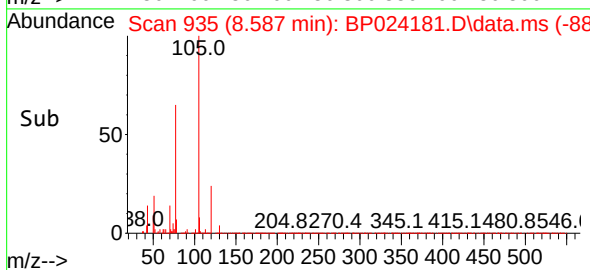
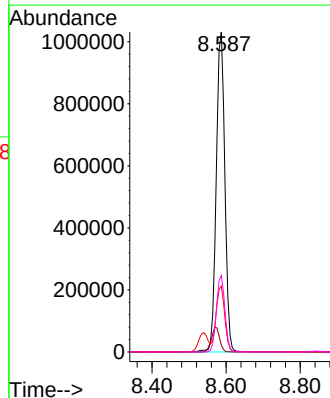
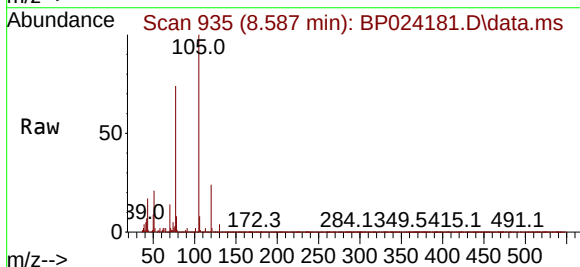
Instrument :
BNA_P
ClientSampleId :
PB167157BS

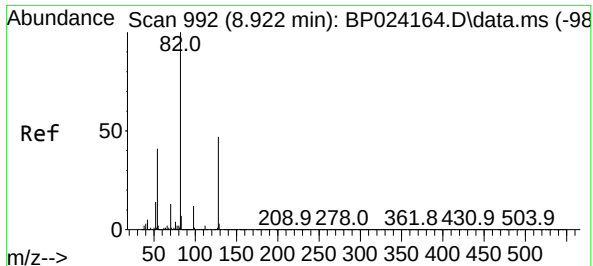
Tgt Ion:136 Resp: 1324493
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 6.4 5.3 7.9
68 6.0 5.0 7.4



#22
Acetophenone
Concen: 49.531 ng
RT: 8.587 min Scan# 935
Delta R.T. 0.000 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

Tgt Ion:105 Resp: 1658596
Ion Ratio Lower Upper
105 100
71 2.2 2.4 3.6#
51 20.6 16.2 24.2
120 23.9 19.0 28.6





#23

Nitrobenzene-d5

Concen: 99.543 ng

RT: 8.922 min Scan# 992

Delta R.T. 0.000 min

Lab File: BP024181.D

Acq: 18 Mar 2025 11:07

Instrument :

BNA_P

ClientSampleId :

PB167157BS

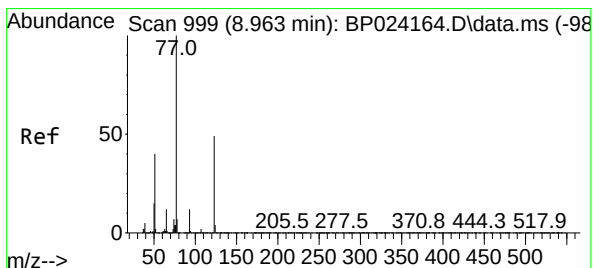
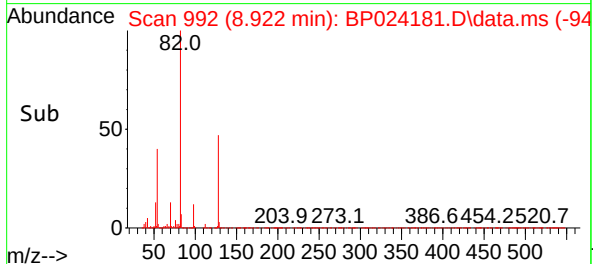
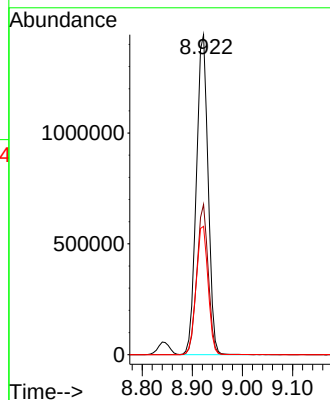
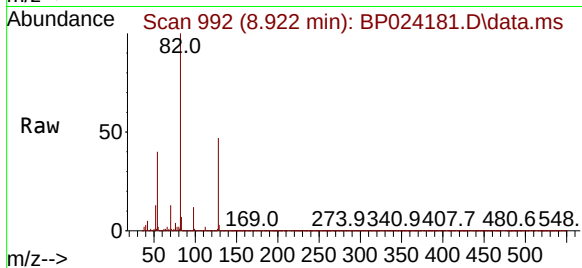
Tgt Ion: 82 Resp: 2336787

Ion Ratio Lower Upper

82 100

128 47.0 37.4 56.0

54 40.1 32.5 48.7



#24

Nitrobenzene

Concen: 46.402 ng

RT: 8.963 min Scan# 999

Delta R.T. 0.000 min

Lab File: BP024181.D

Acq: 18 Mar 2025 11:07

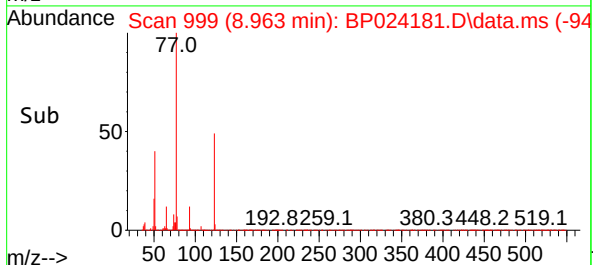
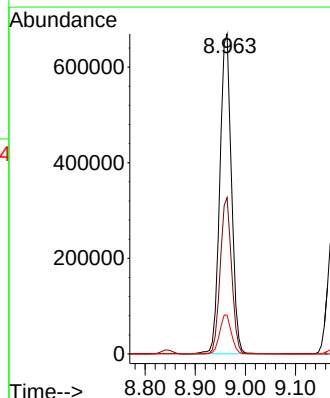
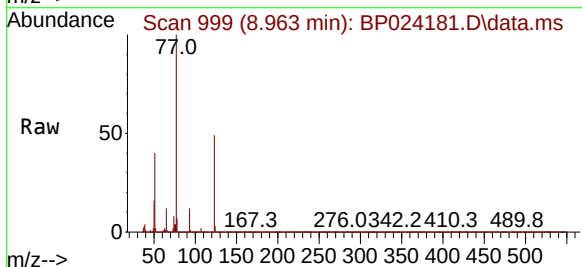
Tgt Ion: 77 Resp: 1074581

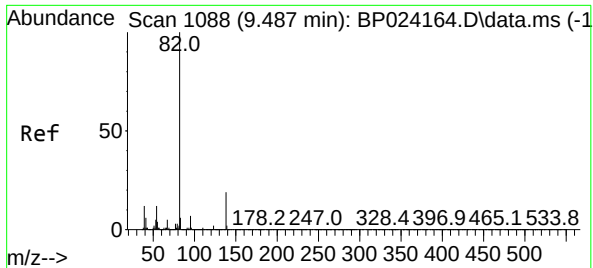
Ion Ratio Lower Upper

77 100

123 48.9 39.4 59.2

65 12.1 9.9 14.9

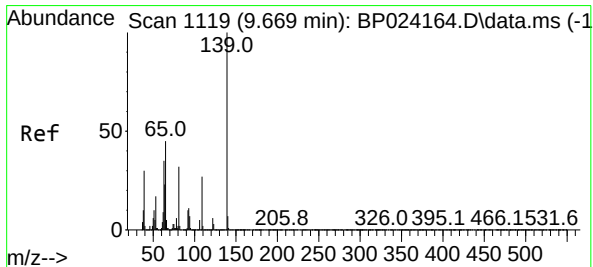
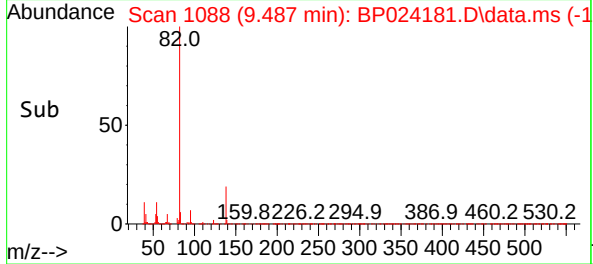
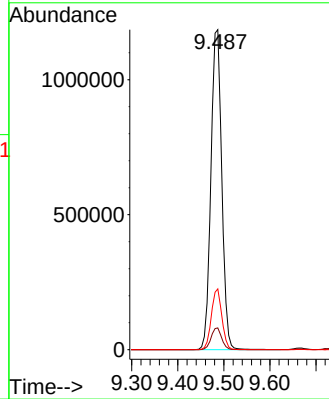
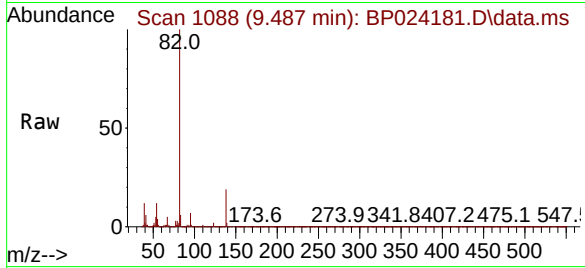




#25
Isophorone
Concen: 48.244 ng
RT: 9.487 min Scan# 1088
Delta R.T. 0.000 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

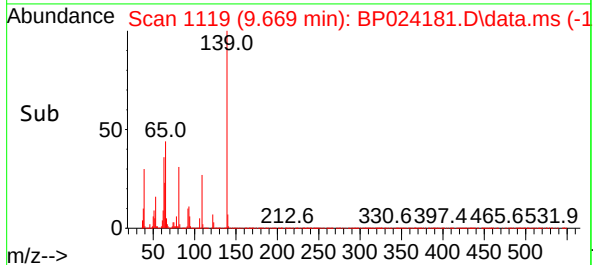
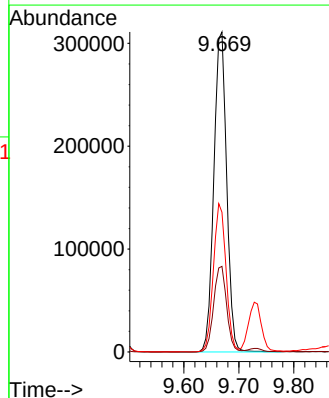
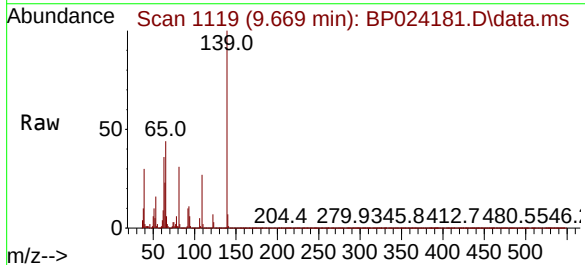
Instrument :
BNA_P
ClientSampleId :
PB167157BS

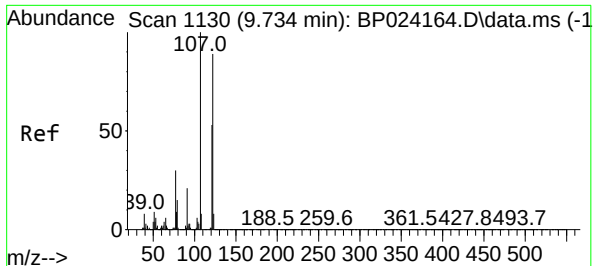
Tgt Ion: 82 Resp: 1941355
Ion Ratio Lower Upper
82 100
95 6.8 5.3 7.9
138 19.0 14.8 22.2



#26
2-Nitrophenol
Concen: 45.617 ng
RT: 9.669 min Scan# 1119
Delta R.T. 0.000 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

Tgt Ion: 139 Resp: 504613
Ion Ratio Lower Upper
139 100
109 26.8 21.7 32.5
65 43.7 35.8 53.8





#27

2,4-Dimethylphenol

Concen: 61.374 ng

RT: 9.728 min Scan# 1129

Delta R.T. -0.006 min

Lab File: BP024181.D

Acq: 18 Mar 2025 11:07

Instrument :

BNA_P

ClientSampleId :

PB167157BS

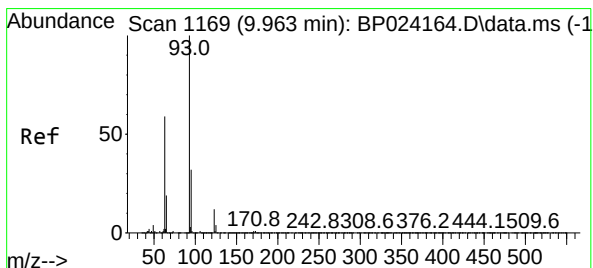
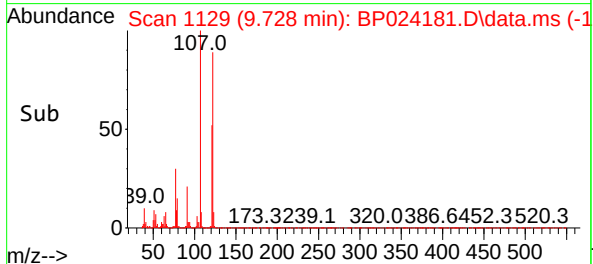
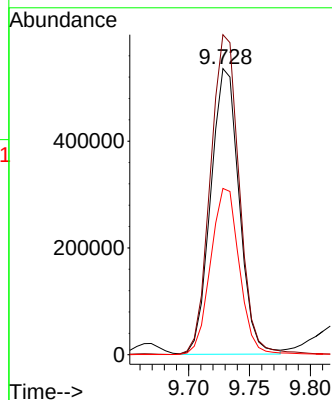
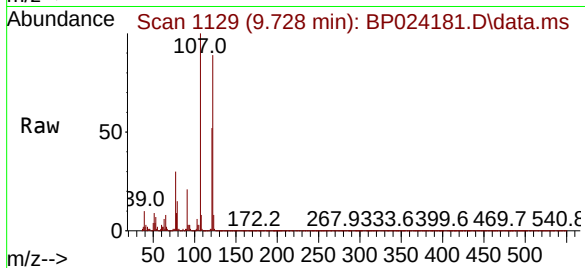
Tgt Ion:122 Resp: 872998

Ion Ratio Lower Upper

122 100

107 111.8 89.3 133.9

121 58.1 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 45.452 ng

RT: 9.957 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BP024181.D

Acq: 18 Mar 2025 11:07

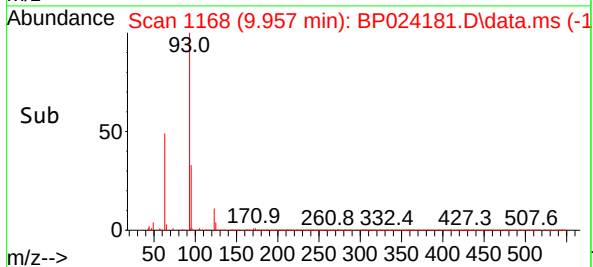
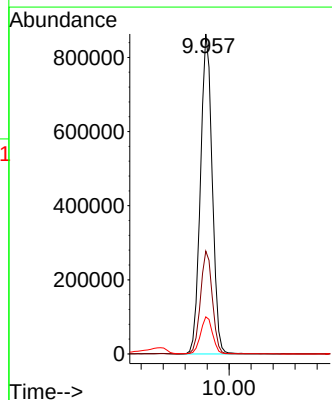
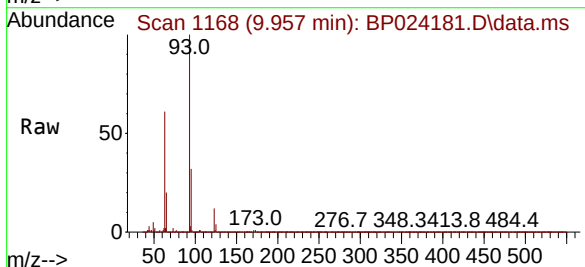
Tgt Ion: 93 Resp: 1286717

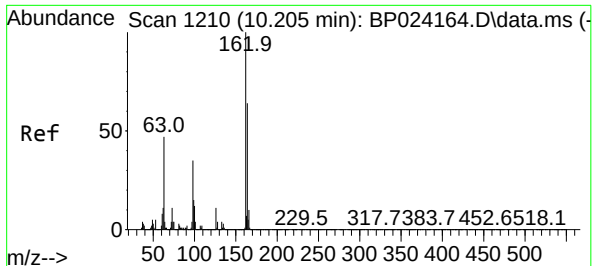
Ion Ratio Lower Upper

93 100

95 32.1 25.9 38.9

123 11.6 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 47.885 ng

RT: 10.199 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BP024181.D

Acq: 18 Mar 2025 11:07

Instrument :

BNA_P

ClientSampleId :

PB167157BS

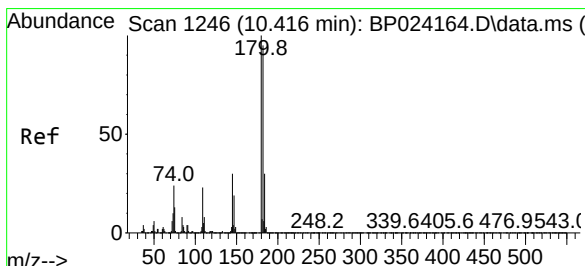
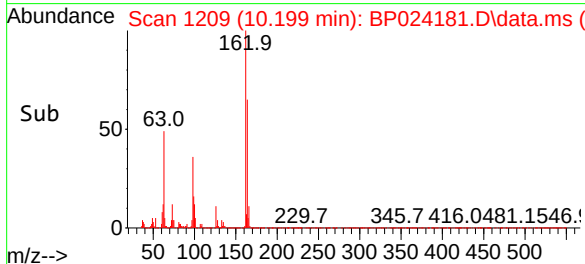
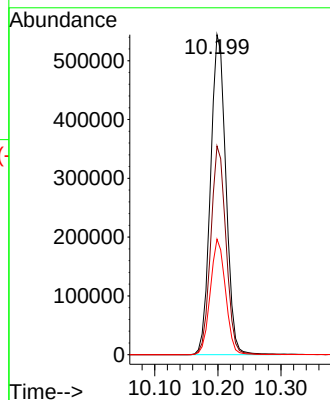
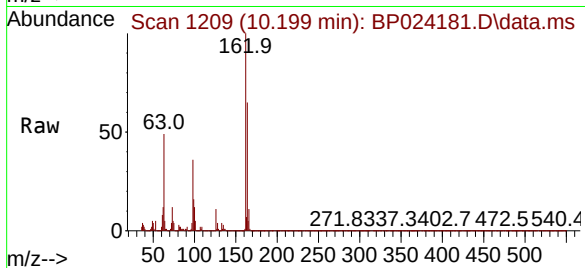
Tgt Ion:162 Resp: 921412

Ion Ratio Lower Upper

162 100

164 65.2 44.2 84.2

98 36.1 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 44.170 ng

RT: 10.410 min Scan# 1245

Delta R.T. -0.006 min

Lab File: BP024181.D

Acq: 18 Mar 2025 11:07

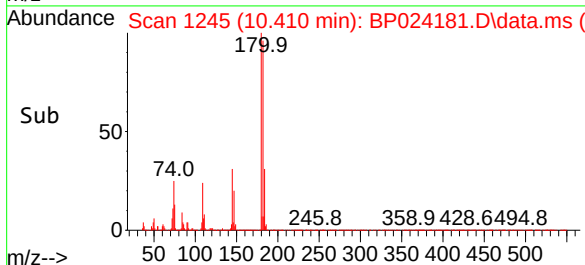
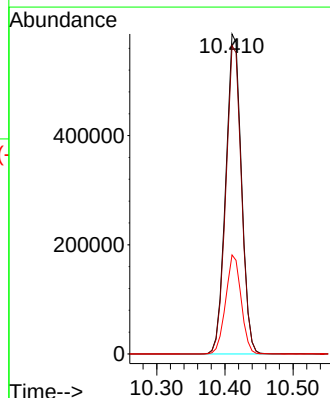
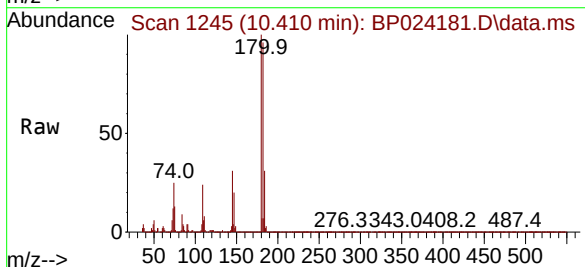
Tgt Ion:180 Resp: 939033

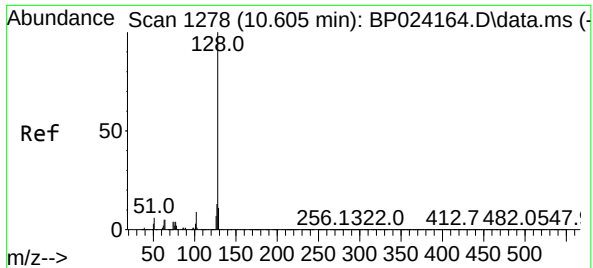
Ion Ratio Lower Upper

180 100

182 96.3 76.1 114.1

145 31.0 24.2 36.2





#31

Naphthalene

Concen: 43.661 ng

RT: 10.599 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP024181.D

Acq: 18 Mar 2025 11:07

Instrument :

BNA_P

ClientSampleId :

PB167157BS

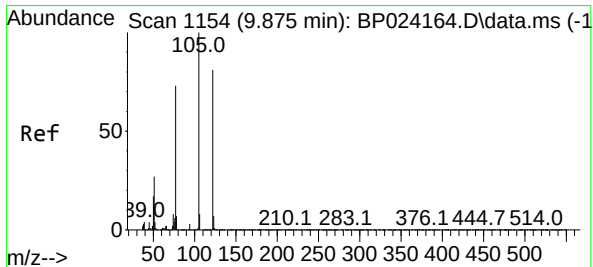
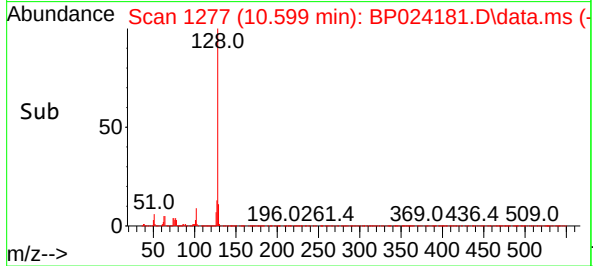
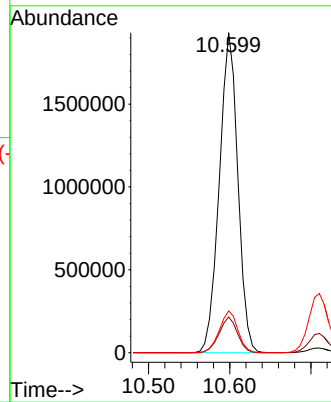
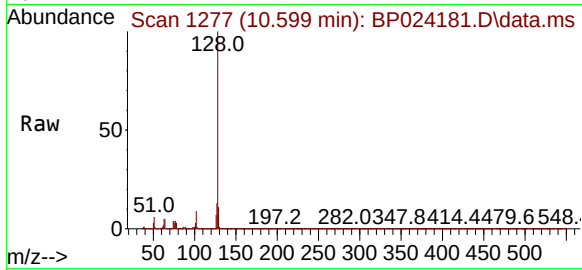
Tgt Ion:128 Resp: 3065402

Ion Ratio Lower Upper

128 100

129 11.1 8.7 13.1

127 13.0 10.4 15.6



#32

Benzoic acid

Concen: 50.392 ng

RT: 9.875 min Scan# 1154

Delta R.T. 0.000 min

Lab File: BP024181.D

Acq: 18 Mar 2025 11:07

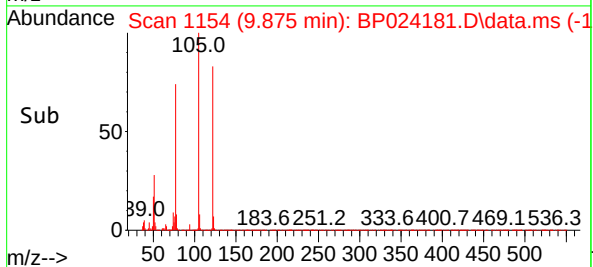
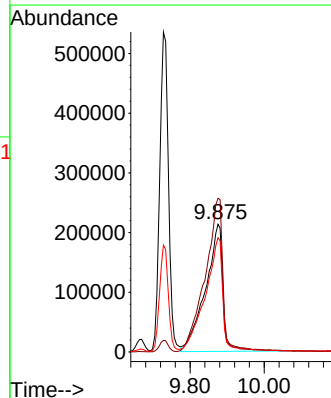
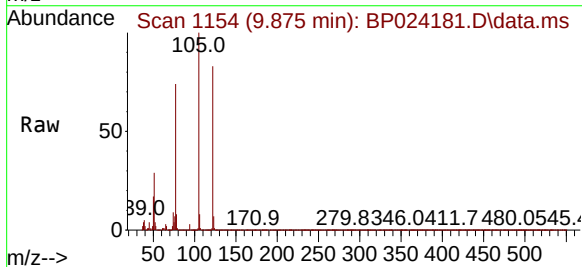
Tgt Ion:122 Resp: 699058

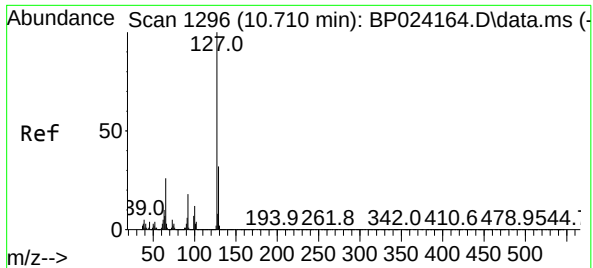
Ion Ratio Lower Upper

122 100

105 120.3 100.3 140.3

77 89.5 69.1 109.1

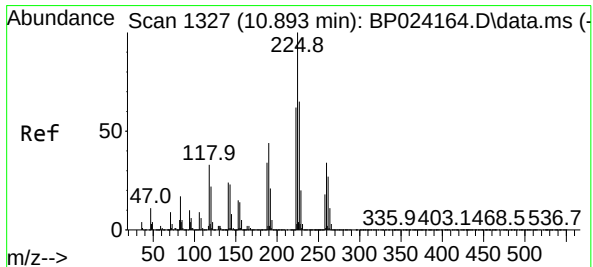
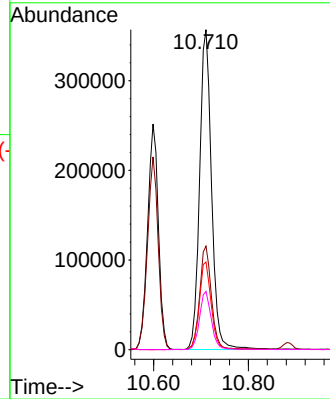
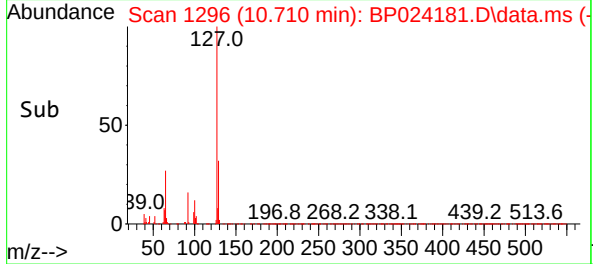
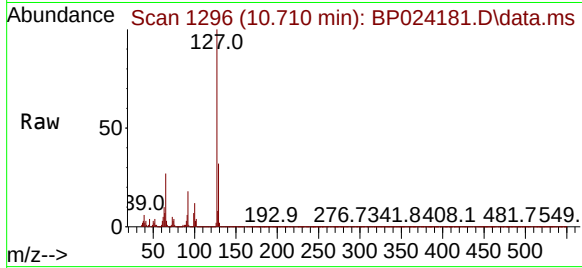




#33
4-Chloroaniline
Concen: 24.821 ng
RT: 10.710 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

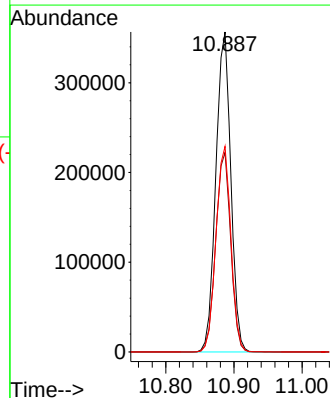
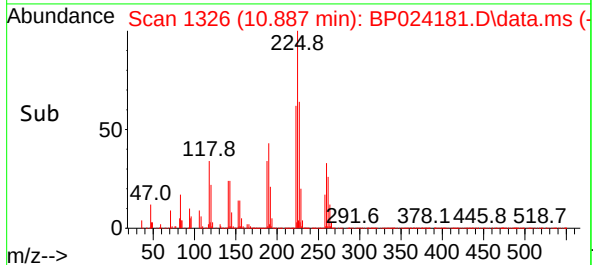
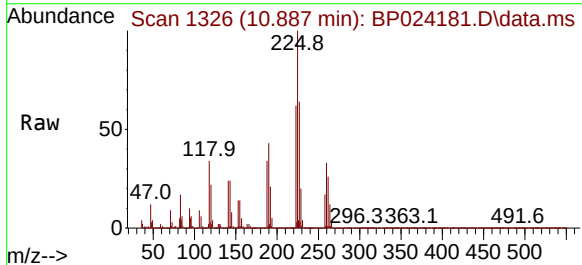
Instrument :
BNA_P
ClientSampleId :
PB167157BS

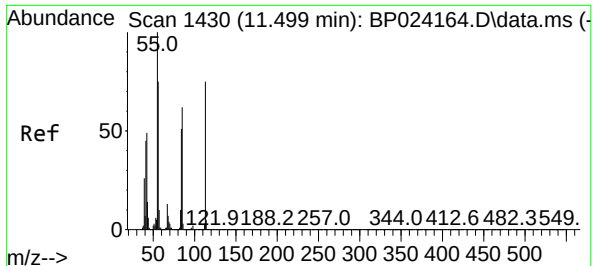
Tgt Ion:	127	Resp:	623657
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.8	38.6
65	27.4	21.2	31.8
92	18.2	14.4	21.6



#34
Hexachlorobutadiene
Concen: 44.496 ng
RT: 10.887 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

Tgt Ion:	225	Resp:	544411
Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.9	74.9
227	64.2	52.2	78.2

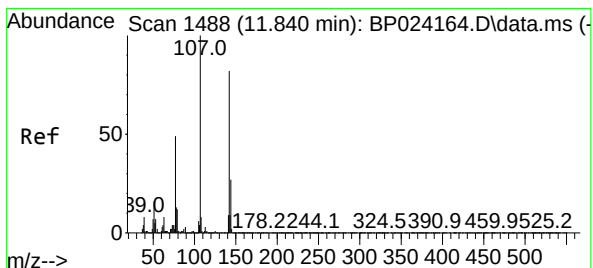
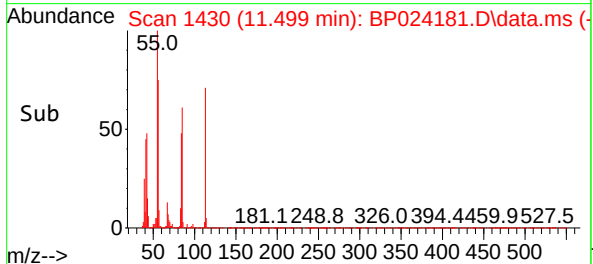
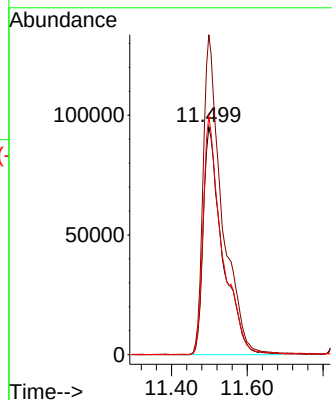
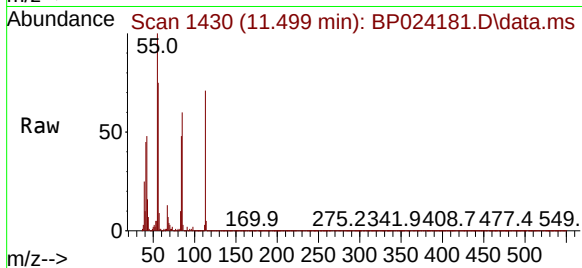




#35
Caprolactam
Concen: 52.934 ng
RT: 11.499 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

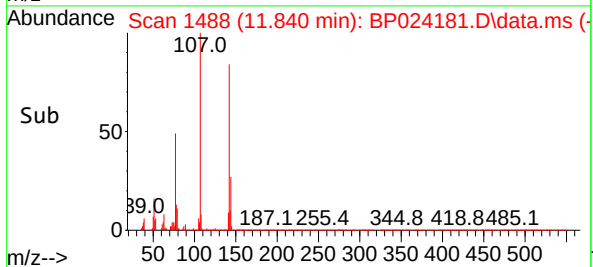
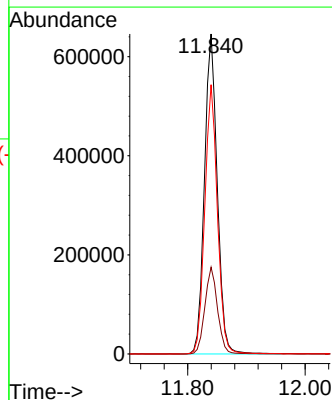
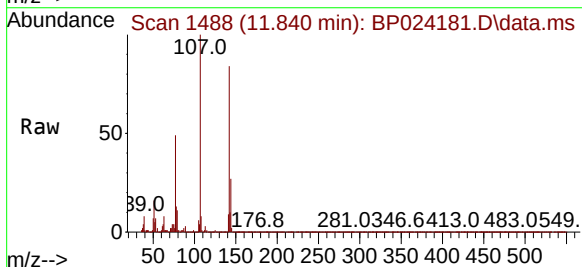
Instrument :
BNA_P
ClientSampleId :
PB167157BS

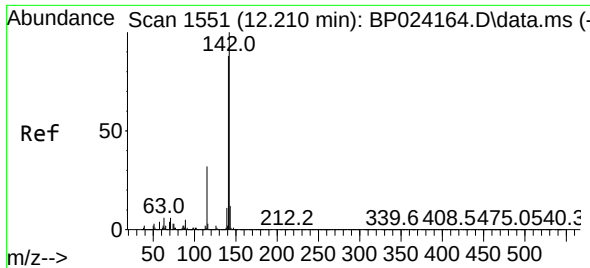
Tgt Ion:113 Resp: 333823
Ion Ratio Lower Upper
113 100
55 140.4 113.6 153.6
56 104.6 80.0 120.0



#36
4-Chloro-3-methylphenol
Concen: 47.090 ng
RT: 11.840 min Scan# 1488
Delta R.T. 0.000 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

Tgt Ion:107 Resp: 977487
Ion Ratio Lower Upper
107 100
144 27.1 21.6 32.4
142 84.1 65.4 98.0

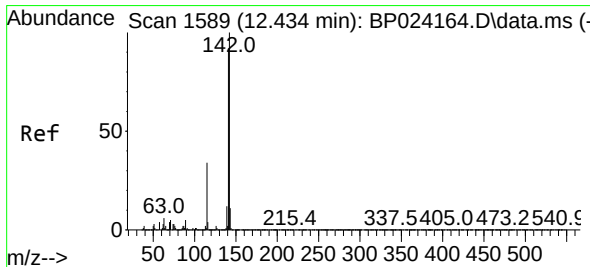
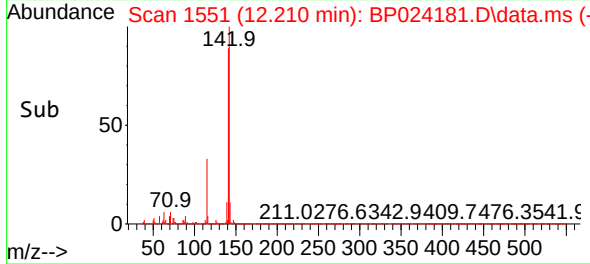
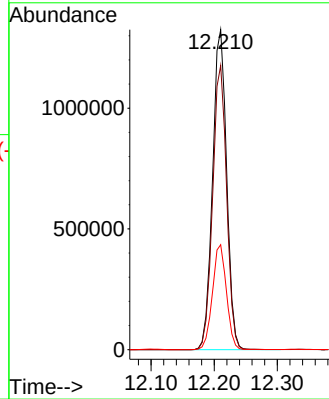
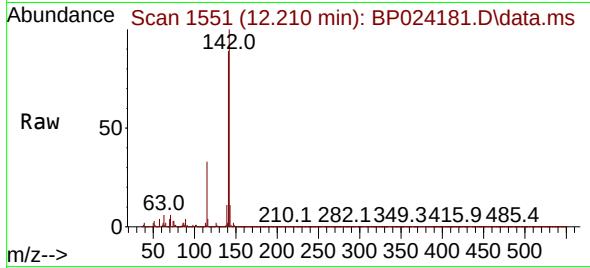




#37
2-Methylnaphthalene
Concen: 43.059 ng
RT: 12.210 min Scan# 1551
Delta R.T. 0.000 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

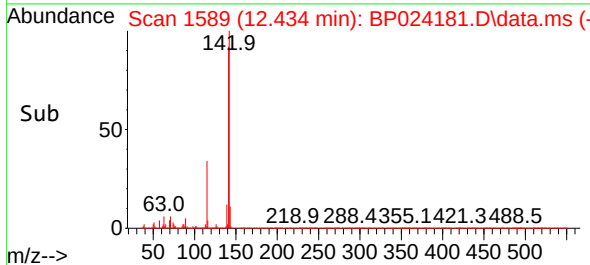
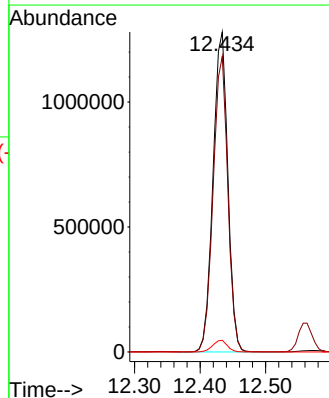
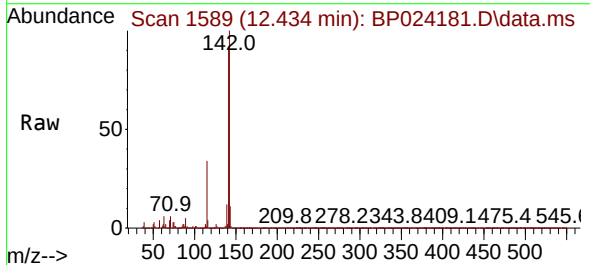
Instrument :
BNA_P
ClientSampleId :
PB167157BS

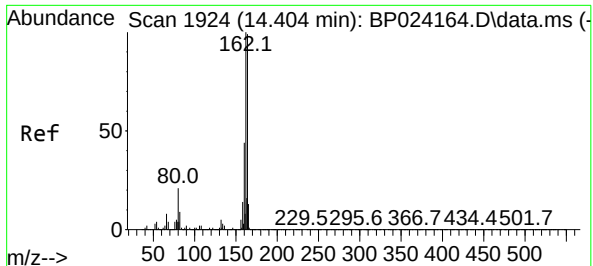
Tgt Ion:142 Resp: 2042388
Ion Ratio Lower Upper
142 100
141 88.8 70.3 105.5
115 32.8 26.0 39.0



#38
1-Methylnaphthalene
Concen: 43.415 ng
RT: 12.434 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

Tgt Ion:142 Resp: 2002912
Ion Ratio Lower Upper
142 100
141 92.4 73.9 110.9
116 3.6 2.8 4.2

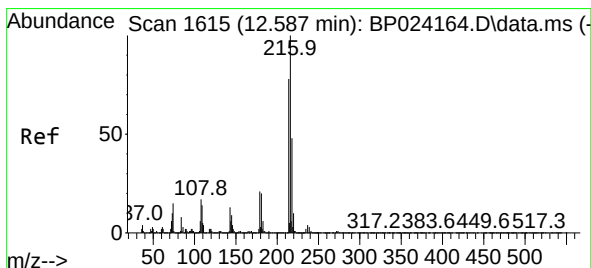
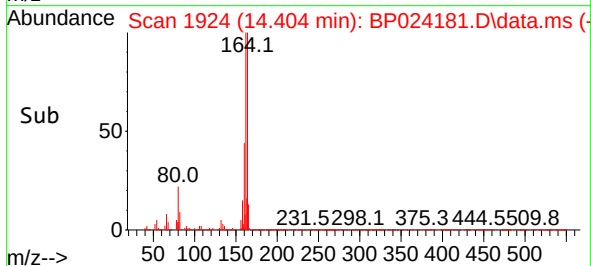
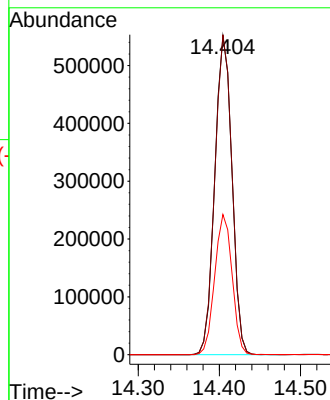
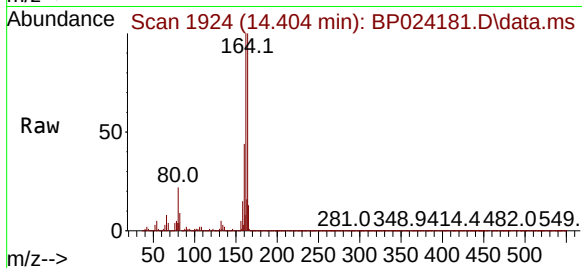




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.404 min Scan# 1924
Delta R.T. 0.000 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

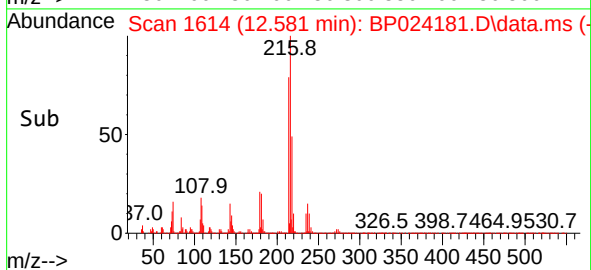
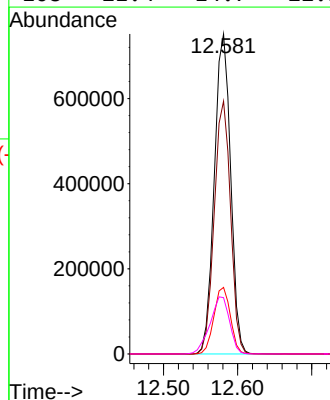
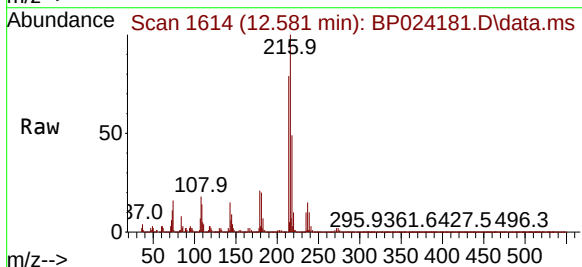
Instrument :
BNA_P
ClientSampleId :
PB167157BS

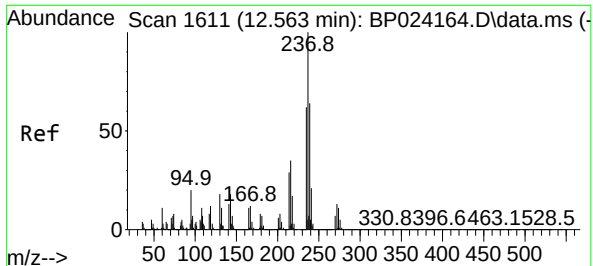
Tgt Ion:164 Resp: 810278
Ion Ratio Lower Upper
164 100
162 100.5 80.6 121.0
160 44.0 35.4 53.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.004 ng
RT: 12.581 min Scan# 1614
Delta R.T. -0.006 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

Tgt Ion:216 Resp: 1147800
Ion Ratio Lower Upper
216 100
214 79.0 62.8 94.2
179 21.0 16.8 25.2
108 21.4 14.7 22.1

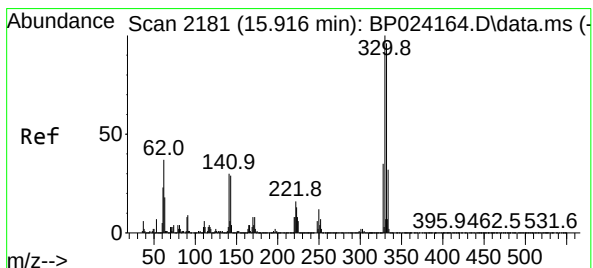
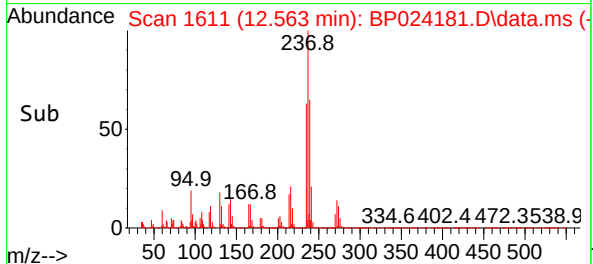
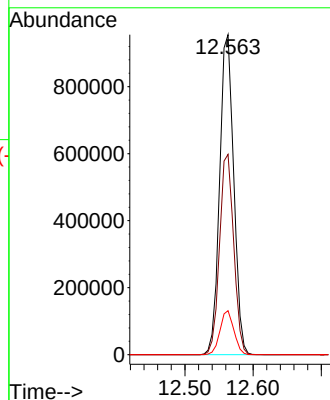
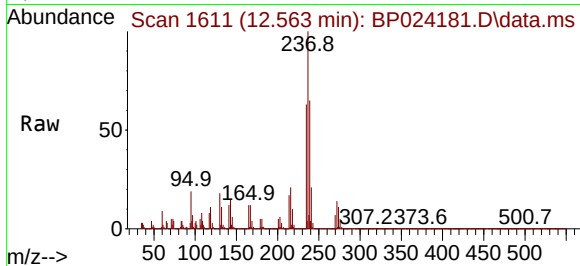




#41
Hexachlorocyclopentadiene
Concen: 162.644 ng
RT: 12.563 min Scan# 1611
Delta R.T. 0.000 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

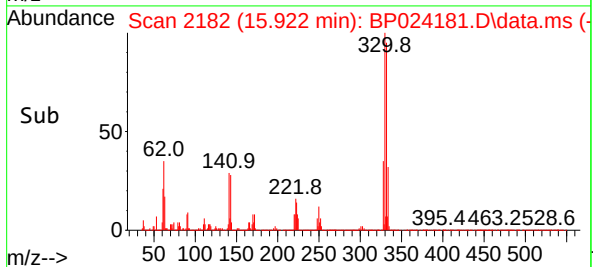
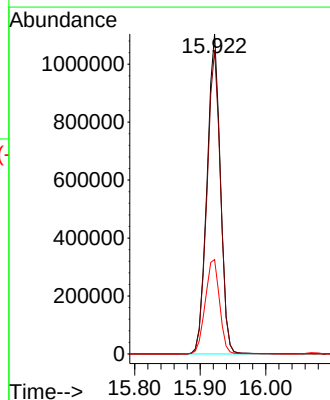
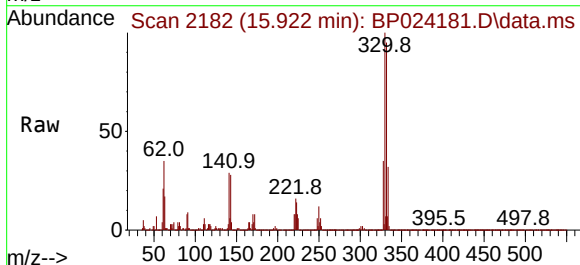
Instrument :
BNA_P
ClientSampleId :
PB167157BS

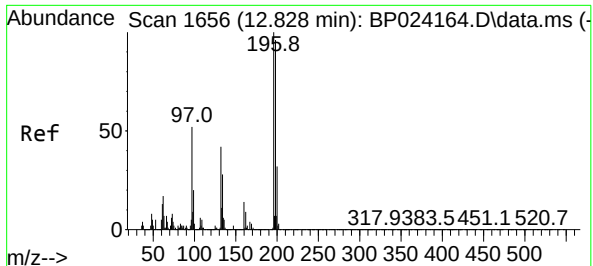
Tgt Ion:237 Resp: 1373213
Ion Ratio Lower Upper
237 100
235 62.6 41.8 81.8
272 13.8 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 153.591 ng
RT: 15.922 min Scan# 2182
Delta R.T. 0.006 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

Tgt Ion:330 Resp: 1567625
Ion Ratio Lower Upper
330 100
332 96.1 77.6 116.4
141 31.6 25.0 37.6

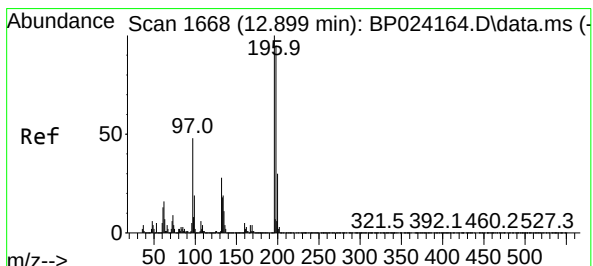
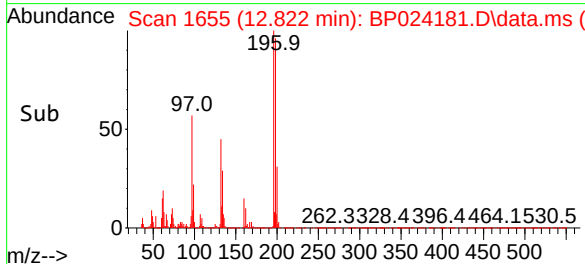
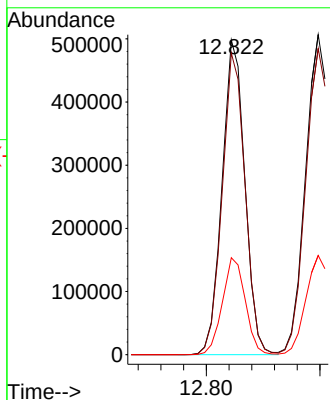
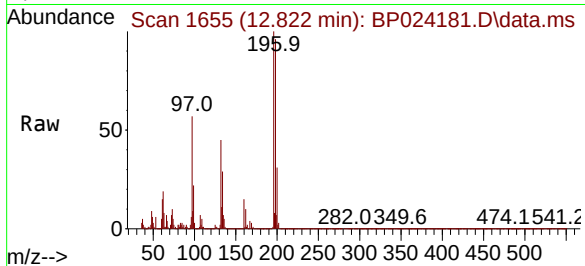




#43
2,4,6-Trichlorophenol
Concen: 46.708 ng
RT: 12.822 min Scan# 1655
Delta R.T. -0.006 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

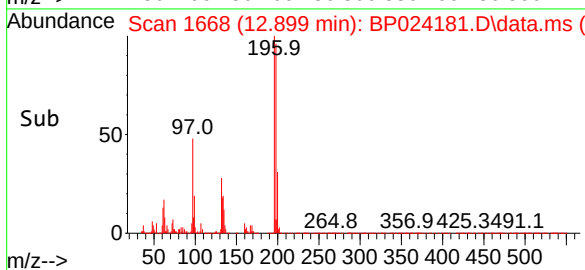
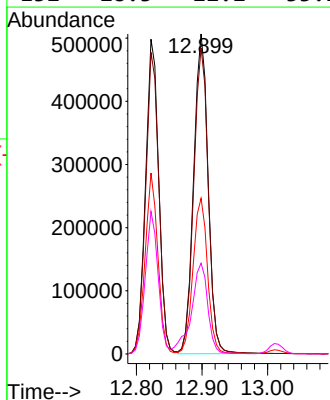
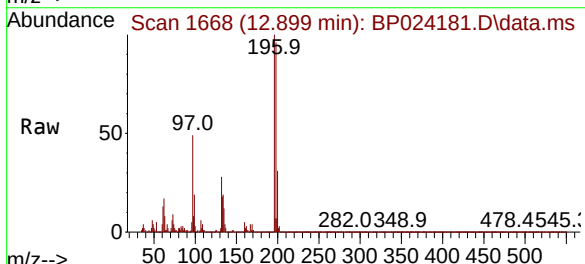
Instrument :
BNA_P
ClientSampleId :
PB167157BS

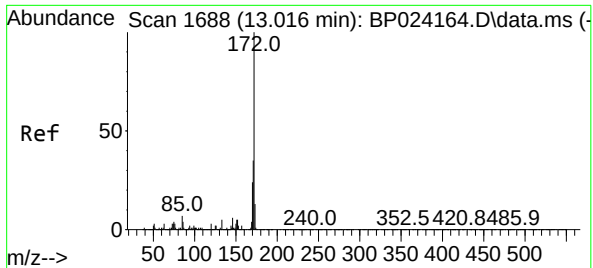
Tgt Ion:196 Resp: 695273
Ion Ratio Lower Upper
196 100
198 95.9 76.6 115.0
200 30.8 25.4 38.0



#44
2,4,5-Trichlorophenol
Concen: 47.792 ng
RT: 12.899 min Scan# 1668
Delta R.T. 0.000 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

Tgt Ion:196 Resp: 780193
Ion Ratio Lower Upper
196 100
198 95.7 76.5 114.7
97 48.7 38.7 58.1
132 28.3 22.2 33.2

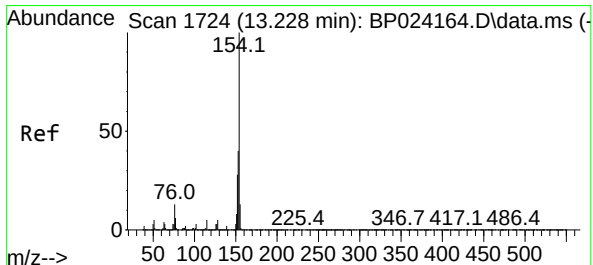
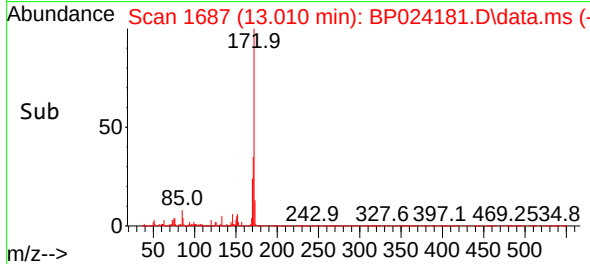
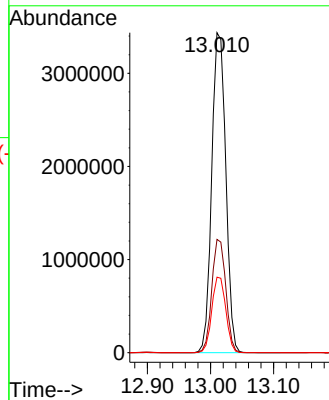
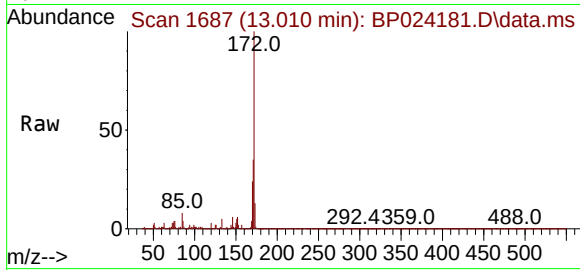




#45
2-Fluorobiphenyl
Concen: 96.496 ng
RT: 13.010 min Scan# 1687
Delta R.T. -0.006 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

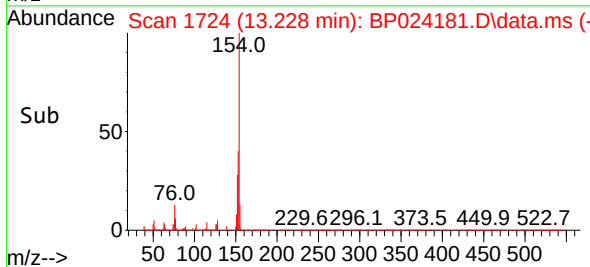
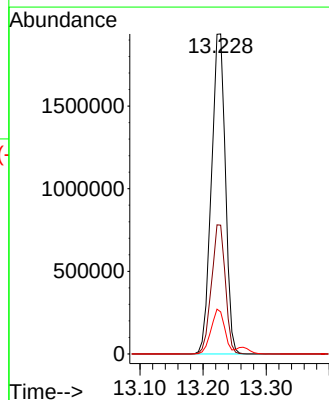
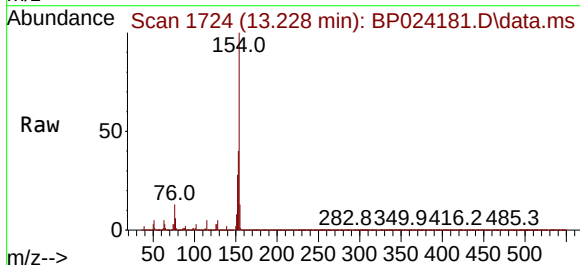
Instrument :
BNA_P
ClientSampleId :
PB167157BS

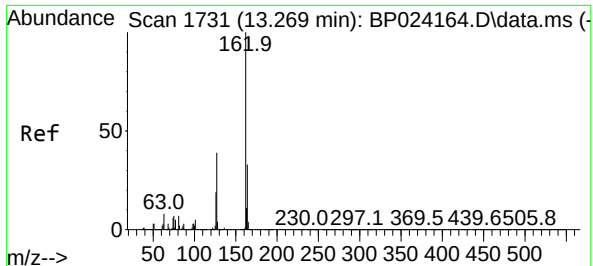
Tgt Ion:172 Resp: 5302619
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.6 19.0 28.4



#46
1,1'-Biphenyl
Concen: 48.780 ng
RT: 13.228 min Scan# 1724
Delta R.T. -0.000 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

Tgt Ion:154 Resp: 2970132
Ion Ratio Lower Upper
154 100
153 40.2 20.3 60.3
76 13.2 0.0 32.9

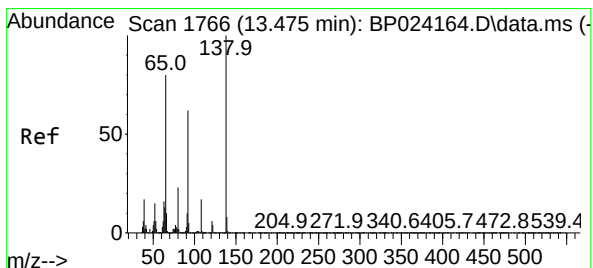
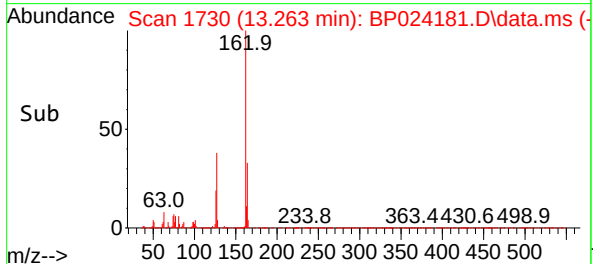
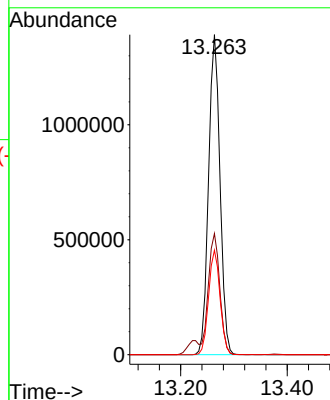
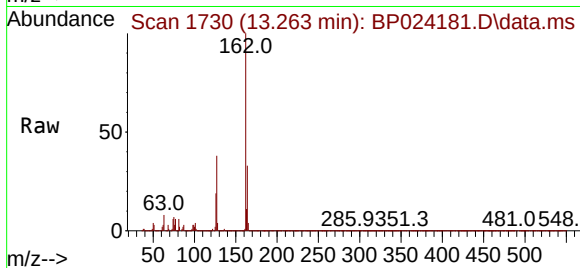




#47
2-Chloronaphthalene
Concen: 45.095 ng
RT: 13.263 min Scan# 1730
Delta R.T. -0.006 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

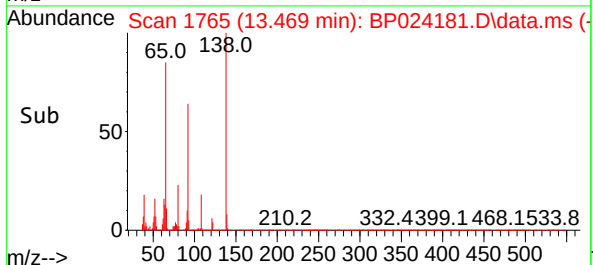
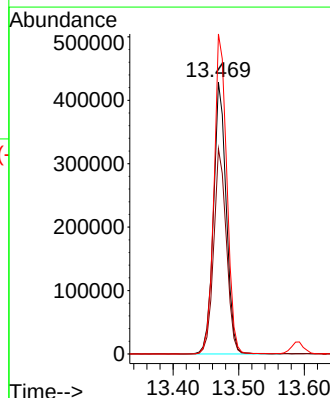
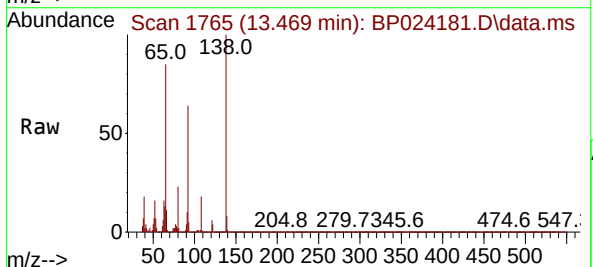
Instrument :
BNA_P
ClientSampleId :
PB167157BS

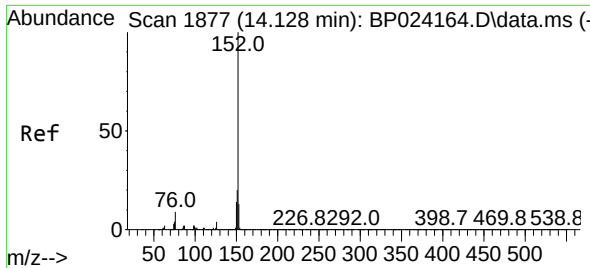
Tgt Ion:162 Resp: 2065291
Ion Ratio Lower Upper
162 100
127 37.8 31.5 47.3
164 32.7 26.6 39.8



#48
2-Nitroaniline
Concen: 49.377 ng
RT: 13.469 min Scan# 1765
Delta R.T. -0.006 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

Tgt Ion: 65 Resp: 578402
Ion Ratio Lower Upper
65 100
92 75.6 62.1 93.1
138 117.8 99.5 149.3





#49

Acenaphthylene

Concen: 48.011 ng

RT: 14.122 min Scan# 1877

Delta R.T. -0.006 min

Lab File: BP024181.D

Acq: 18 Mar 2025 11:07

Instrument :

BNA_P

ClientSampleId :

PB167157BS

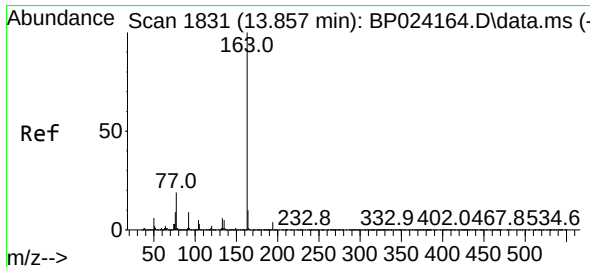
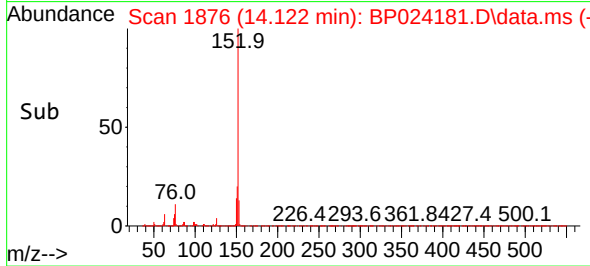
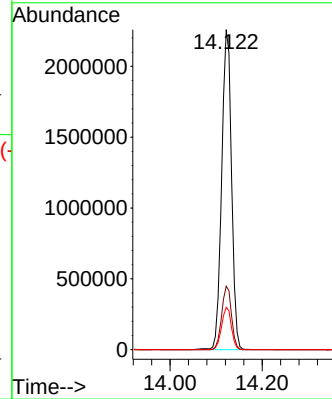
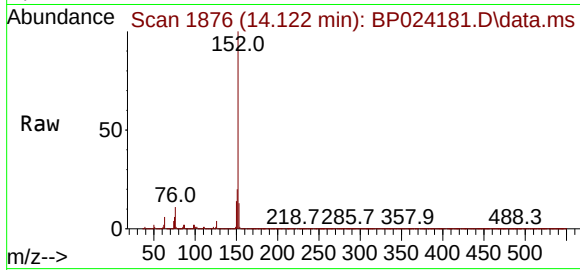
Tgt Ion:152 Resp: 3327135

Ion Ratio Lower Upper

152 100

151 19.9 16.0 24.0

153 13.3 10.6 15.8



#50

Dimethylphthalate

Concen: 44.807 ng

RT: 13.857 min Scan# 1831

Delta R.T. 0.000 min

Lab File: BP024181.D

Acq: 18 Mar 2025 11:07

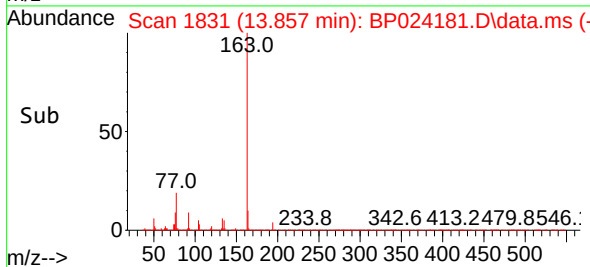
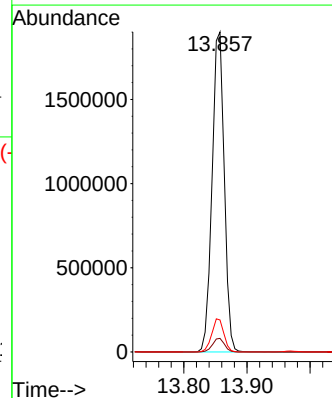
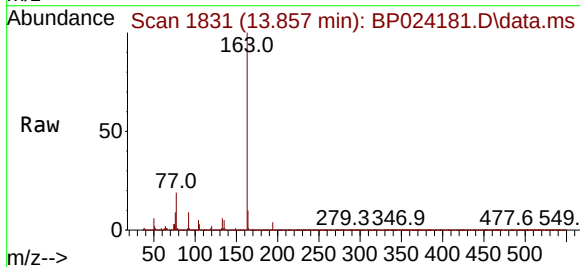
Tgt Ion:163 Resp: 2540405

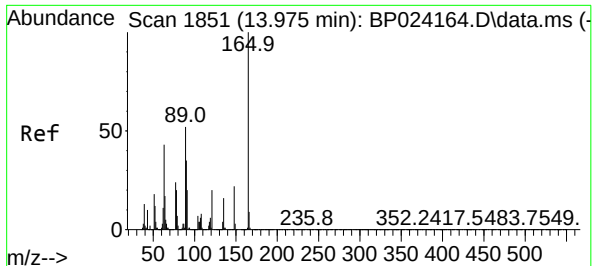
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

164 10.0 8.2 12.4

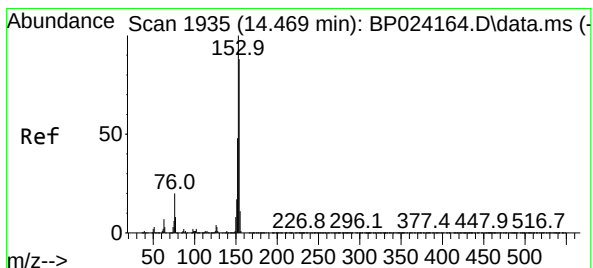
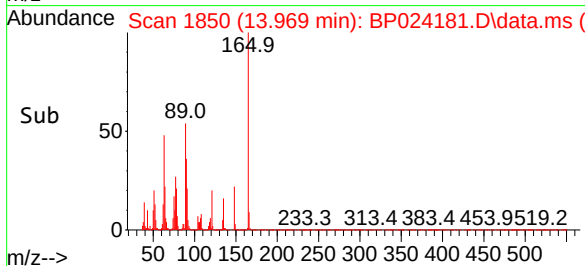
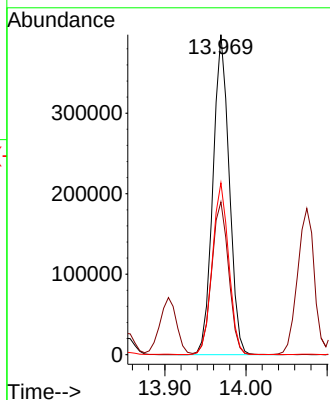
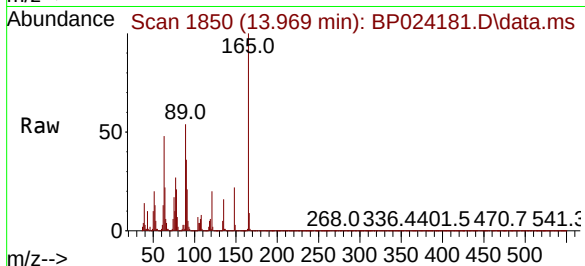




#51
2,6-Dinitrotoluene
Concen: 46.380 ng
RT: 13.969 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

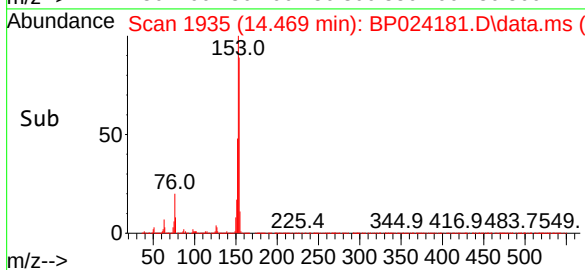
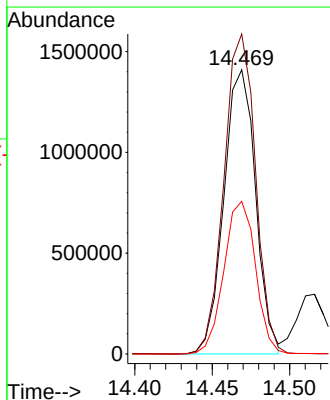
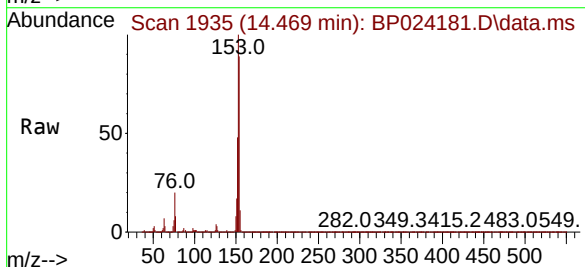
Instrument :
BNA_P
ClientSampleId :
PB167157BS

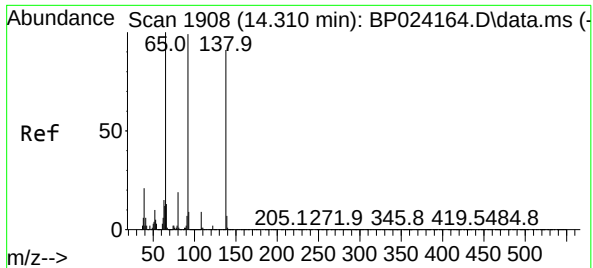
Tgt Ion:165 Resp: 553274
Ion Ratio Lower Upper
165 100
63 47.7 37.7 56.5
89 53.7 41.9 62.9



#52
Acenaphthene
Concen: 45.300 ng
RT: 14.469 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

Tgt Ion:154 Resp: 2005750
Ion Ratio Lower Upper
154 100
153 112.6 90.5 135.7
152 53.7 43.1 64.7

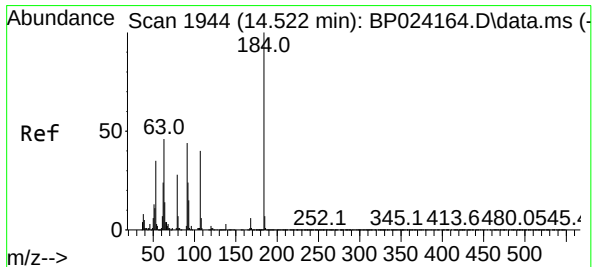
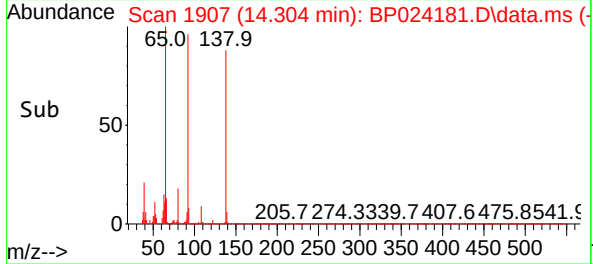
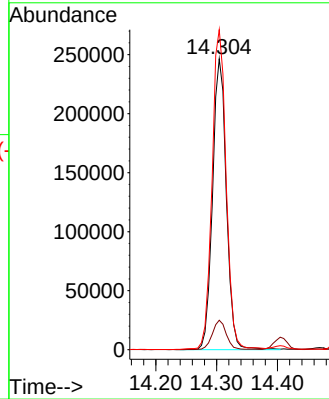
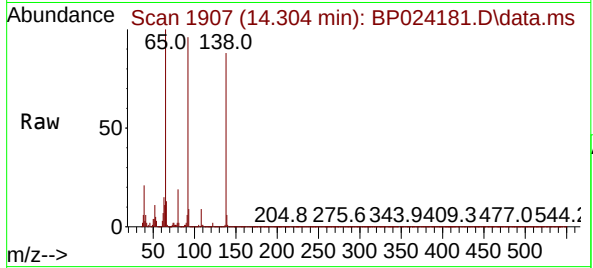




#53
3-Nitroaniline
Concen: 30.124 ng
RT: 14.304 min Scan# 1907
Delta R.T. -0.006 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

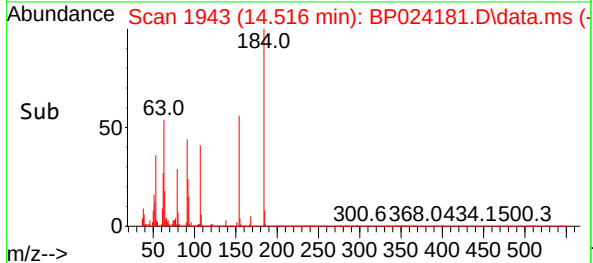
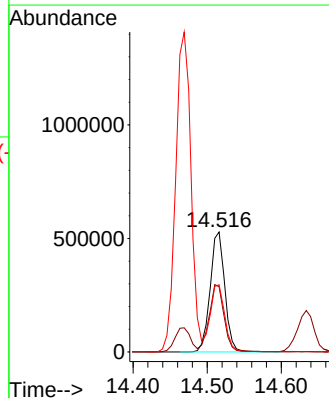
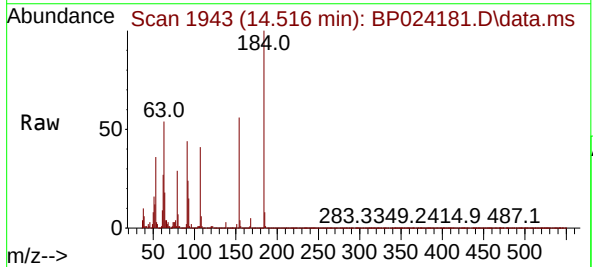
Instrument :
BNA_P
ClientSampleId :
PB167157BS

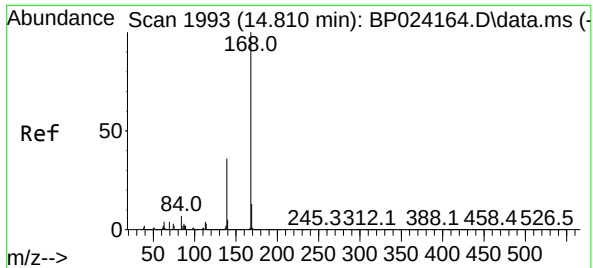
Tgt Ion:138 Resp: 388125
Ion Ratio Lower Upper
138 100
108 10.1 8.2 12.2
92 110.0 86.7 130.1



#54
2,4-Dinitrophenol
Concen: 115.220 ng
RT: 14.516 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

Tgt Ion:184 Resp: 727282
Ion Ratio Lower Upper
184 100
63 54.3 42.1 63.1
154 56.0 44.6 67.0

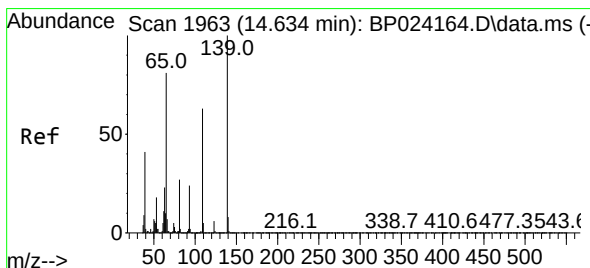
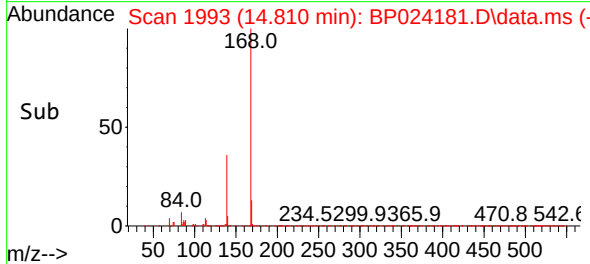
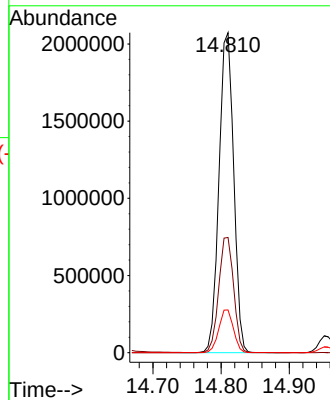
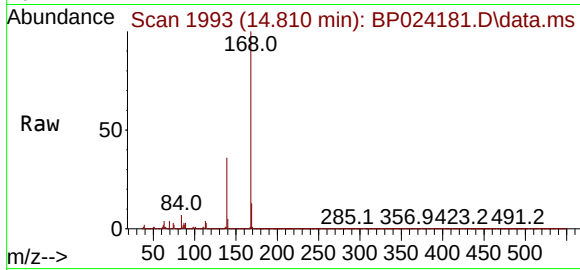




#55
Dibenzofuran
Concen: 43.248 ng
RT: 14.810 min Scan# 1993
Delta R.T. 0.000 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

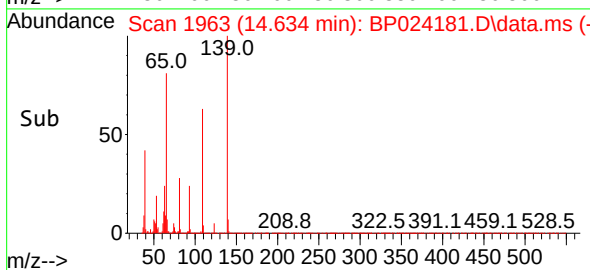
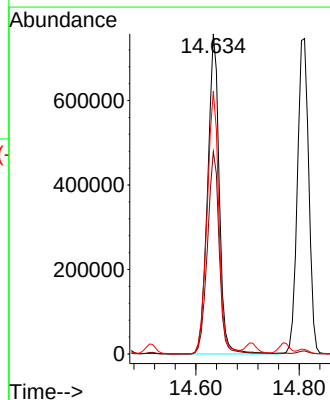
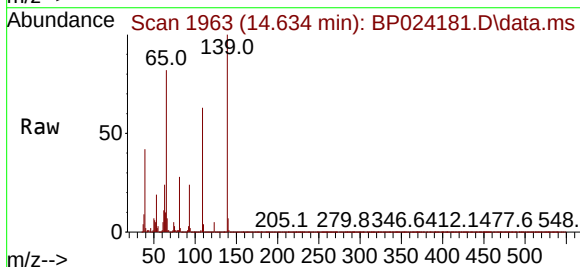
Instrument :
BNA_P
ClientSampleId :
PB167157BS

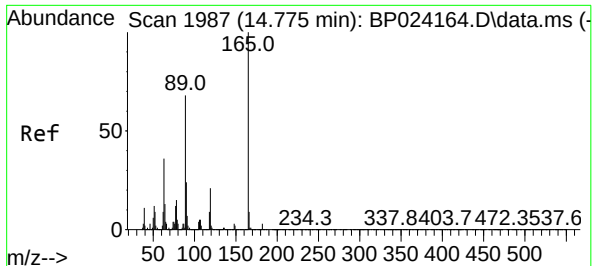
Tgt Ion:168 Resp: 3101739
Ion Ratio Lower Upper
168 100
139 36.0 29.1 43.7
169 13.4 10.8 16.2



#56
4-Nitrophenol
Concen: 109.583 ng
RT: 14.634 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

Tgt Ion:139 Resp: 1179751
Ion Ratio Lower Upper
139 100
109 63.2 43.3 83.3
65 82.0 61.2 101.2

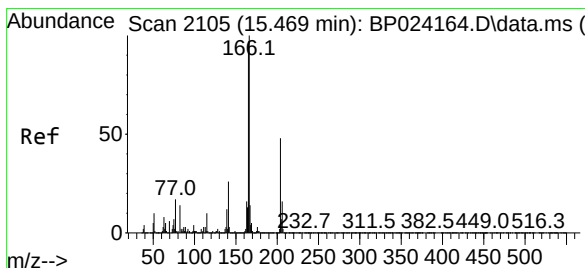
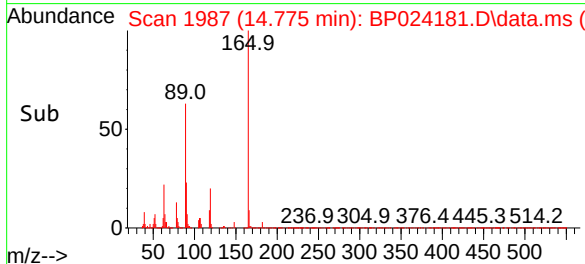
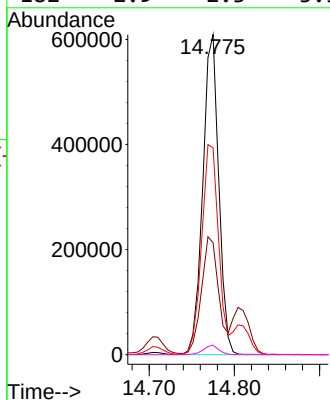
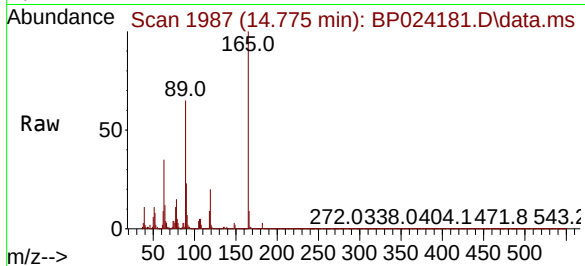




#57
2,4-Dinitrotoluene
Concen: 50.127 ng
RT: 14.775 min Scan# 1987
Delta R.T. 0.000 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

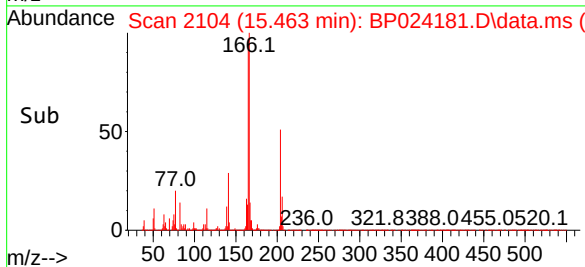
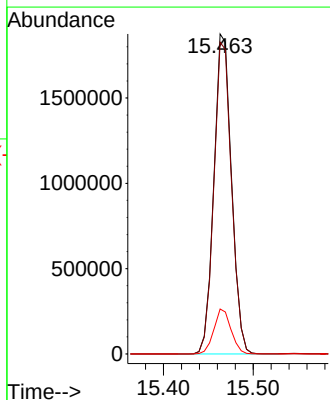
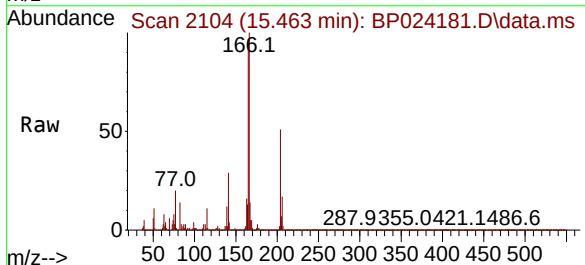
Instrument :
BNA_P
ClientSampleId :
PB167157BS

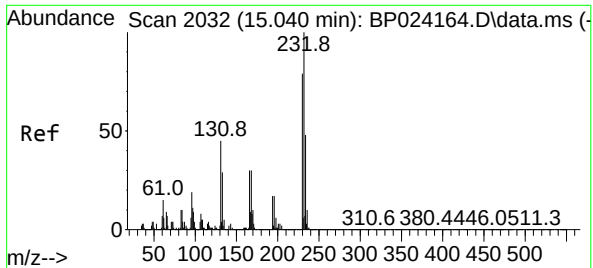
Tgt Ion:	165	Resp:	789863
Ion	Ratio	Lower	Upper
165	100		
63	35.0	29.0	43.6
89	64.6	54.2	81.4
182	2.9	2.3	3.5



#58
Fluorene
Concen: 45.797 ng
RT: 15.463 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

Tgt Ion:	166	Resp:	2559129
Ion	Ratio	Lower	Upper
166	100		
165	97.4	77.6	116.4
167	14.1	10.8	16.2

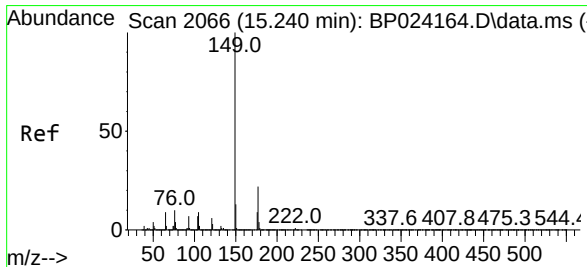
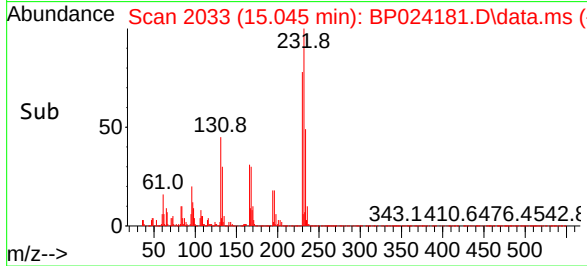
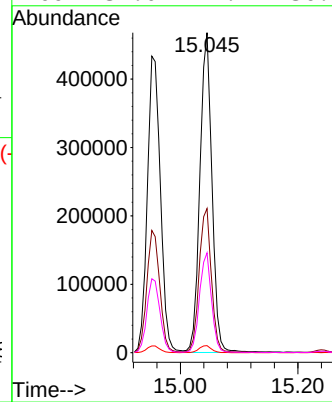
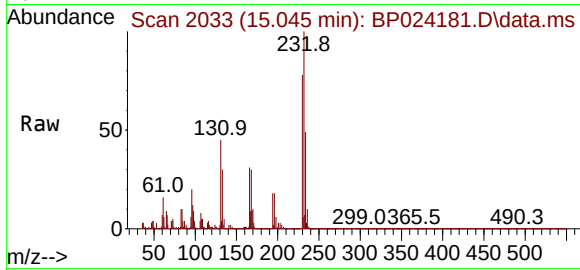




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.209 ng
RT: 15.045 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

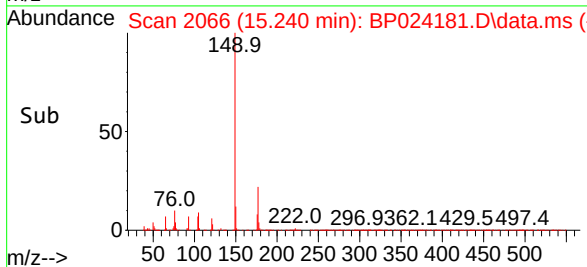
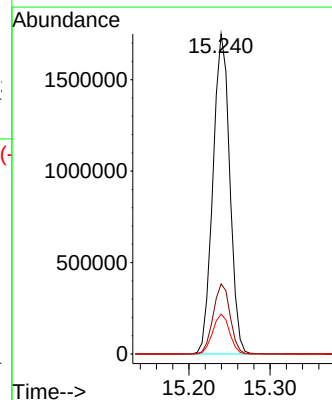
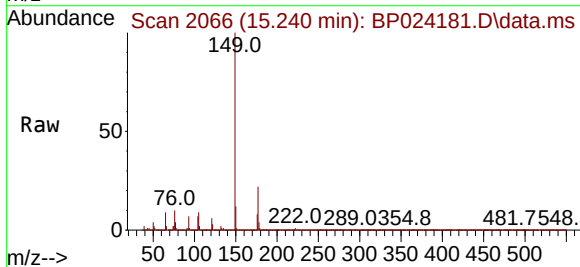
Instrument :
BNA_P
ClientSampleId :
PB167157BS

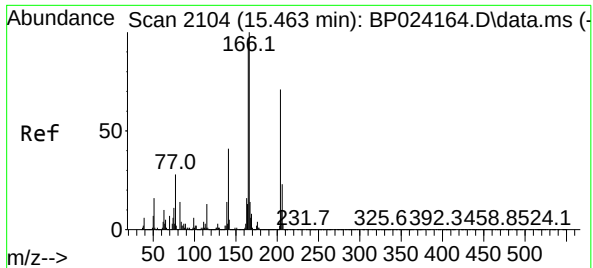
Tgt Ion:232 Resp: 666462
Ion Ratio Lower Upper
232 100
131 45.6 35.9 53.9
130 2.3 1.8 2.6
166 31.0 24.2 36.2



#60
Diethylphthalate
Concen: 44.519 ng
RT: 15.240 min Scan# 2066
Delta R.T. 0.000 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

Tgt Ion:149 Resp: 2513522
Ion Ratio Lower Upper
149 100
177 21.9 17.7 26.5
150 12.4 10.2 15.4

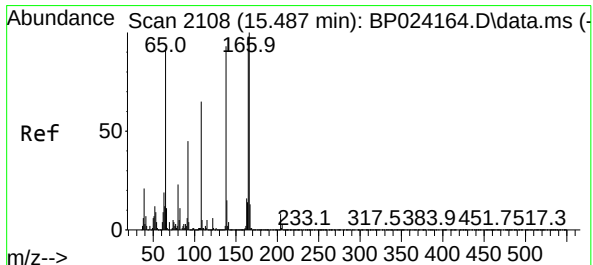
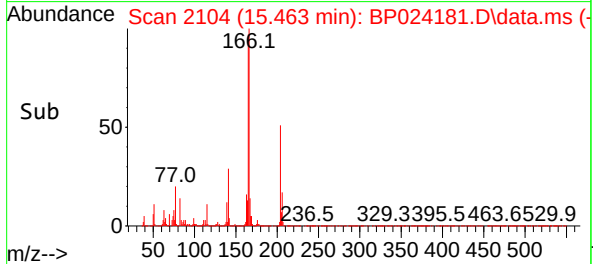
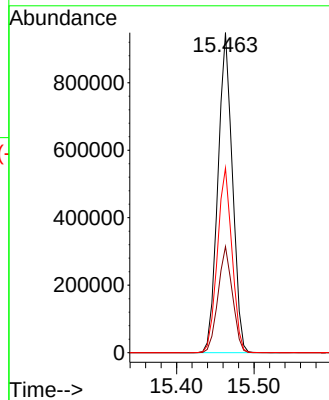
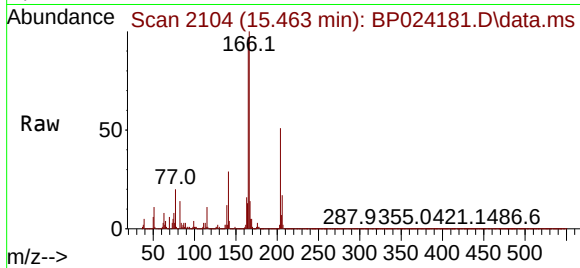




#61
4-Chlorophenyl-phenylether
Concen: 44.956 ng
RT: 15.463 min Scan# 2104
Delta R.T. 0.000 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

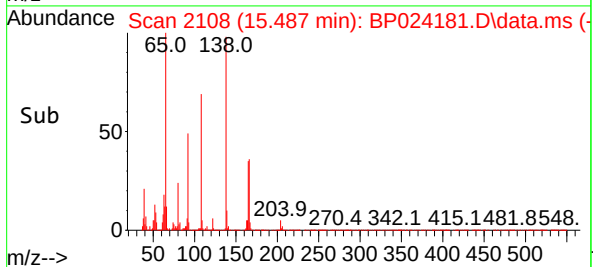
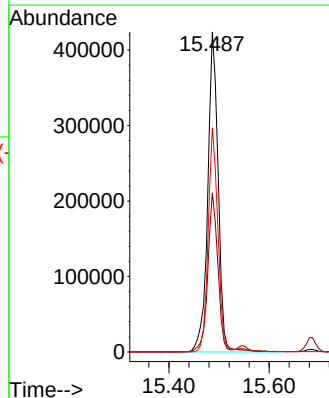
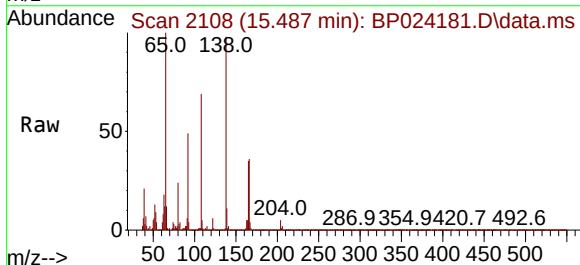
Instrument :
BNA_P
ClientSampleId :
PB167157BS

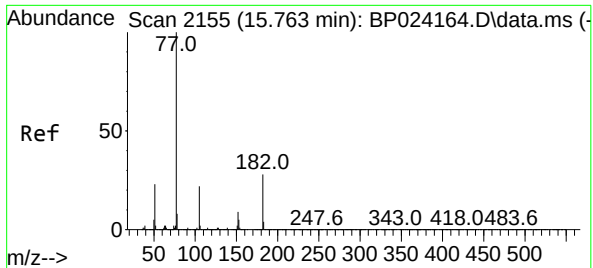
Tgt Ion:204 Resp: 1232138
Ion Ratio Lower Upper
204 100
206 33.2 26.4 39.6
141 57.7 45.8 68.8



#62
4-Nitroaniline
Concen: 45.552 ng
RT: 15.487 min Scan# 2108
Delta R.T. 0.000 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

Tgt Ion:138 Resp: 615562
Ion Ratio Lower Upper
138 100
92 49.8 28.7 68.7
108 70.1 49.5 89.5

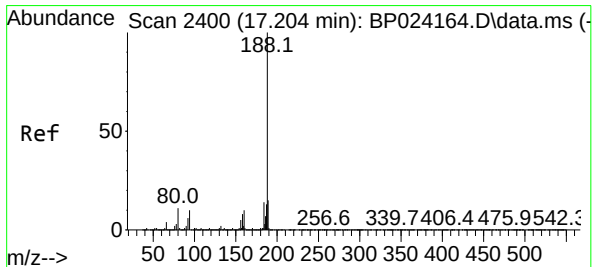
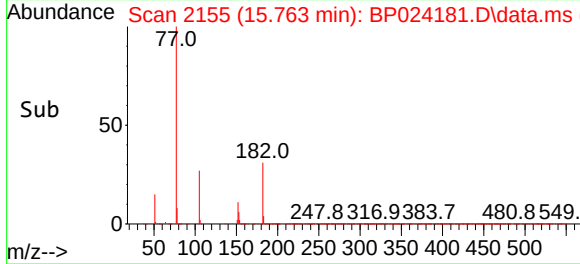
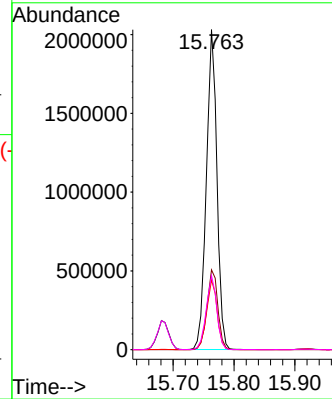
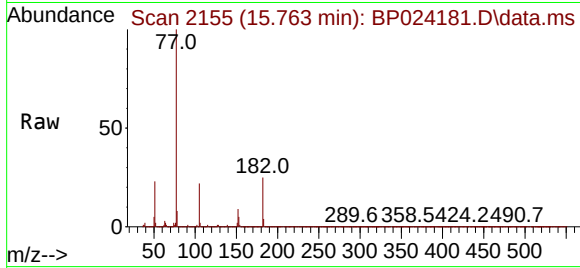




#63
Azobenzene
Concen: 45.795 ng
RT: 15.763 min Scan# 2155
Delta R.T. 0.000 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

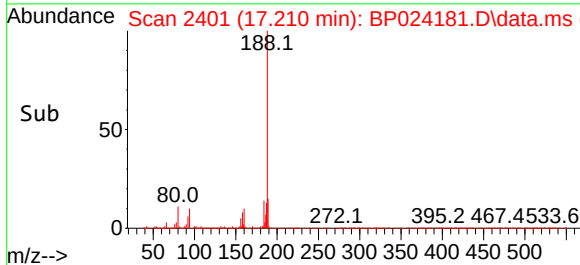
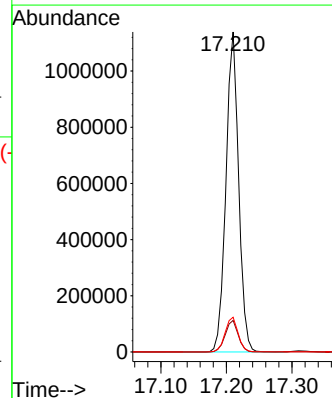
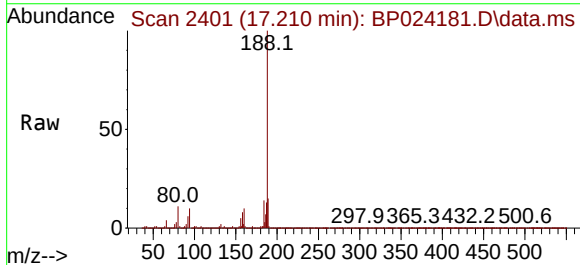
Instrument :
BNA_P
ClientSampleId :
PB167157BS

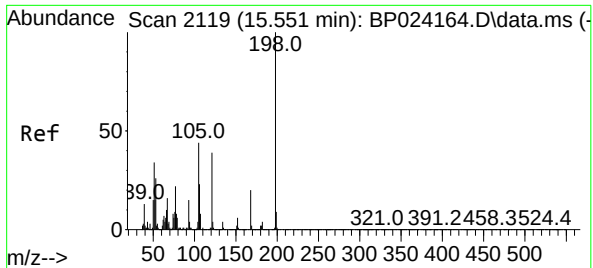
Tgt Ion: 77 Resp: 2437011
Ion Ratio Lower Upper
77 100
182 25.0 7.7 47.7
105 21.8 2.3 42.3
51 23.1 3.2 43.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2401
Delta R.T. 0.006 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

Tgt Ion:188 Resp: 1519988
Ion Ratio Lower Upper
188 100
94 9.9 8.1 12.1
80 10.8 8.9 13.3

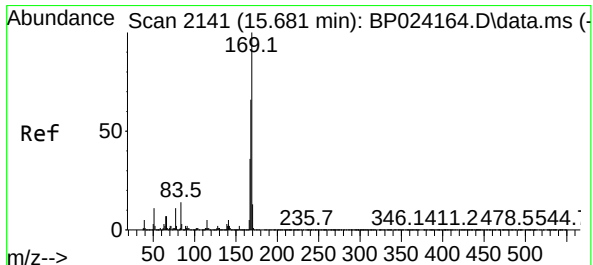
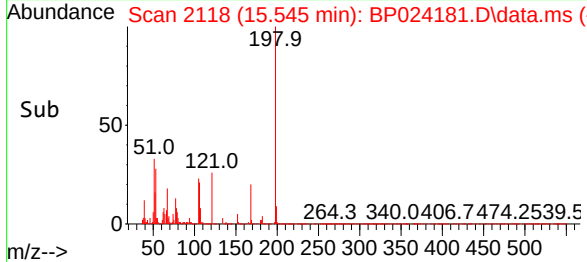
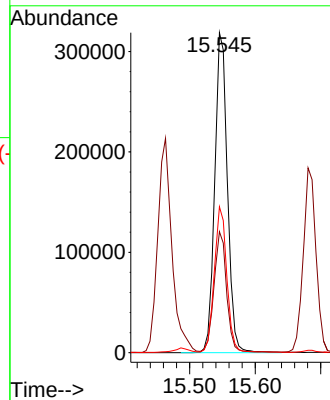
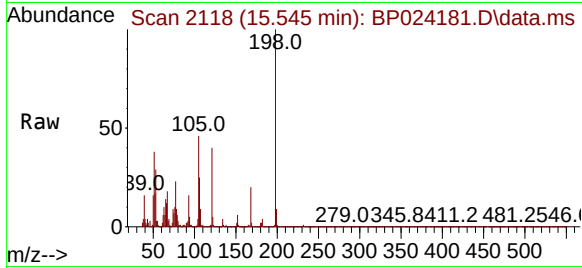




#65
4,6-Dinitro-2-methylphenol
Concen: 47.363 ng
RT: 15.545 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

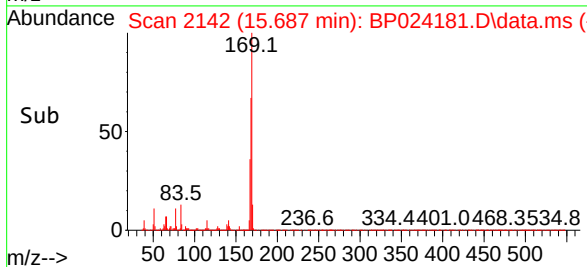
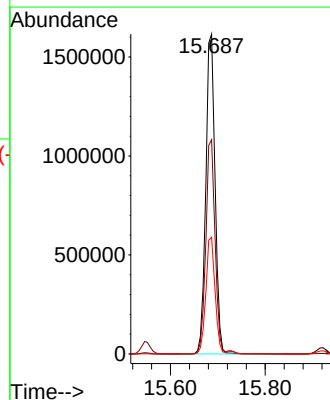
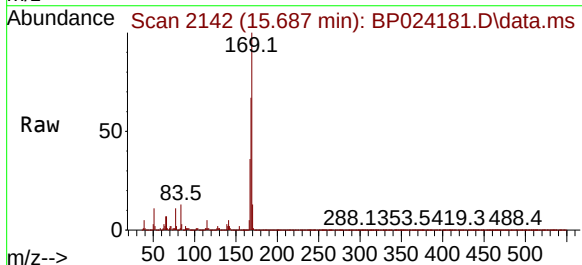
Instrument :
BNA_P
ClientSampleId :
PB167157BS

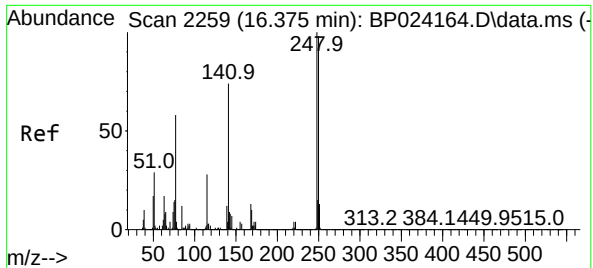
Tgt Ion:198 Resp: 427388
Ion Ratio Lower Upper
198 100
51 37.8 14.7 54.7
105 45.6 23.8 63.8



#66
n-Nitrosodiphenylamine
Concen: 47.224 ng
RT: 15.687 min Scan# 2142
Delta R.T. 0.006 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

Tgt Ion:169 Resp: 2179696
Ion Ratio Lower Upper
169 100
168 66.9 52.9 79.3
167 36.5 28.8 43.2

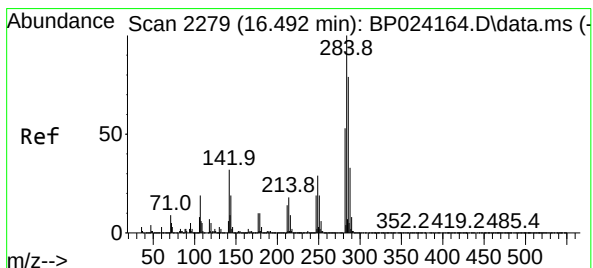
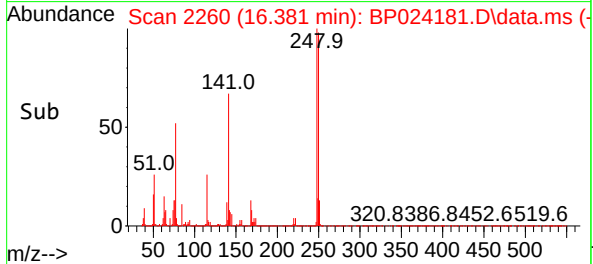
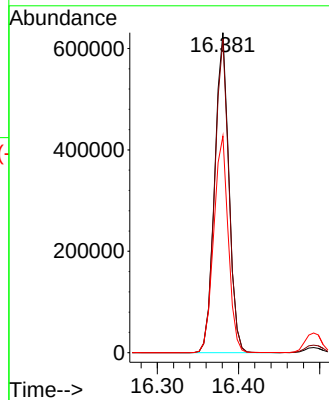
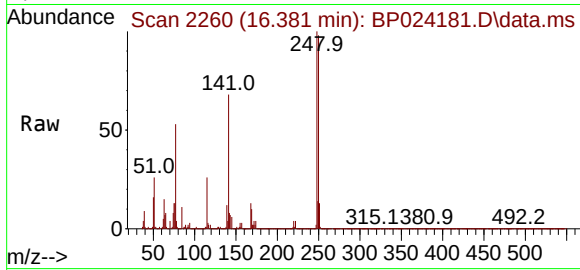




#67
4-Bromophenyl-phenylether
Concen: 45.880 ng
RT: 16.381 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

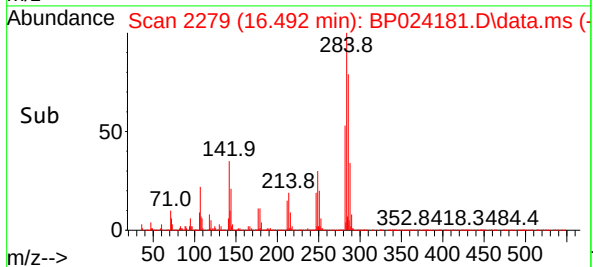
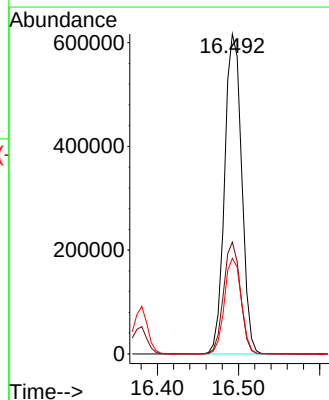
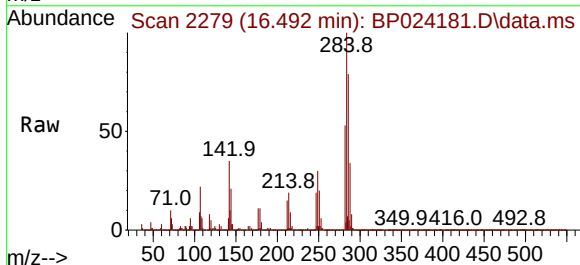
Instrument :
BNA_P
ClientSampleId :
PB167157BS

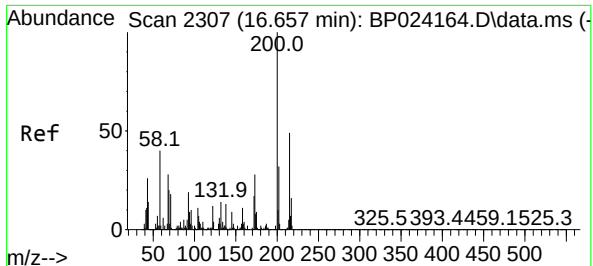
Tgt Ion:248 Resp: 765644
Ion Ratio Lower Upper
248 100
250 98.0 78.4 117.6
141 67.7 59.4 89.0



#68
Hexachlorobenzene
Concen: 45.548 ng
RT: 16.492 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

Tgt Ion:284 Resp: 899657
Ion Ratio Lower Upper
284 100
142 34.9 25.4 38.2
249 29.8 23.5 35.3

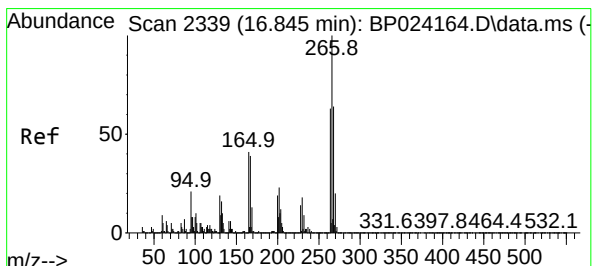
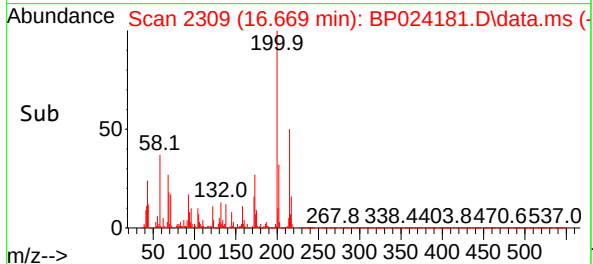
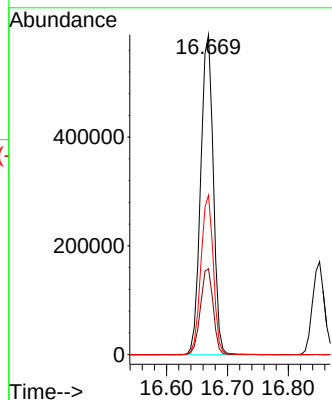
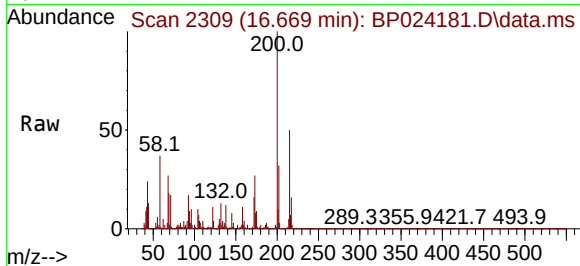




#69
Atrazine
Concen: 75.738 ng
RT: 16.669 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

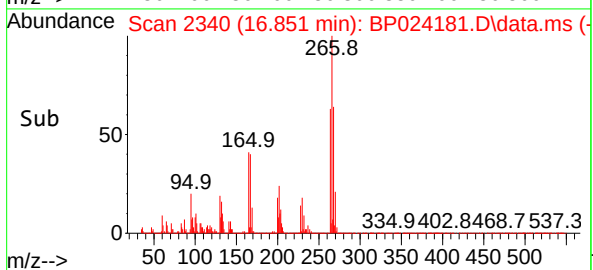
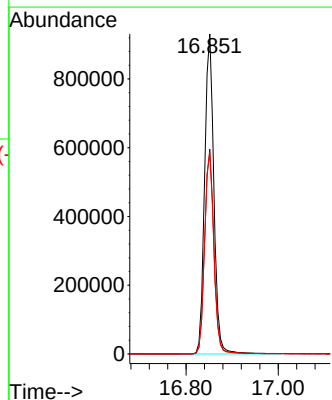
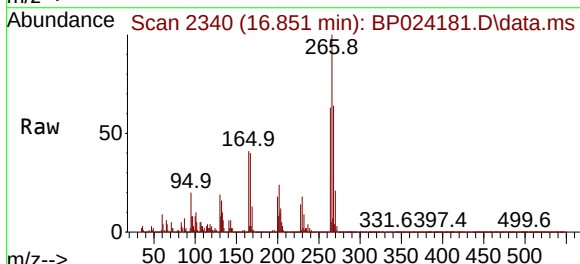
Instrument :
BNA_P
ClientSampleId :
PB167157BS

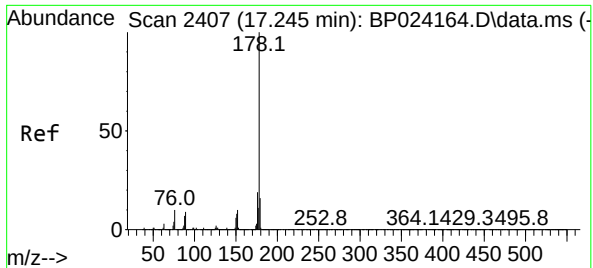
Tgt Ion:200 Resp: 843780
Ion Ratio Lower Upper
200 100
173 26.9 7.6 47.6
215 49.8 29.0 69.0



#70
Pentachlorophenol
Concen: 102.396 ng
RT: 16.851 min Scan# 2340
Delta R.T. 0.006 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

Tgt Ion:266 Resp: 1307939
Ion Ratio Lower Upper
266 100
268 63.9 51.3 76.9
264 62.9 50.6 76.0

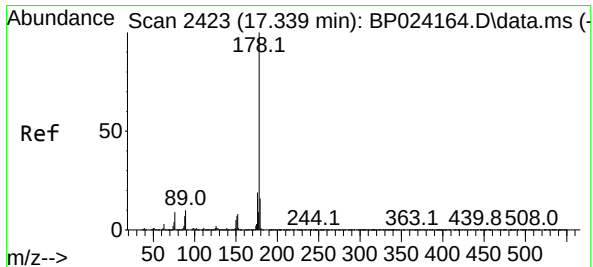
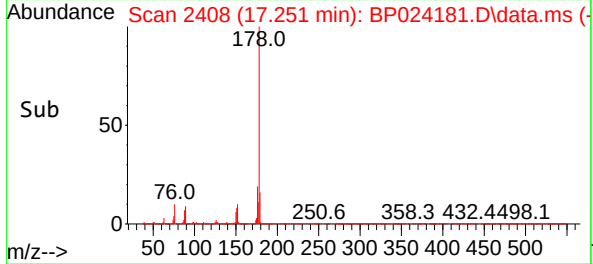
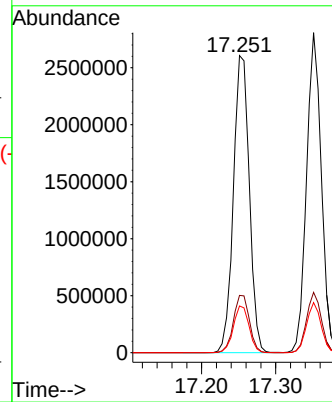
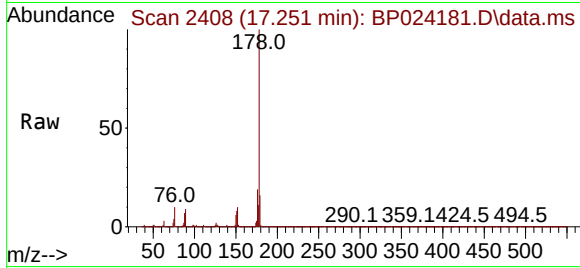




#71
Phenanthrene
Concen: 46.803 ng
RT: 17.251 min Scan# 2407
Delta R.T. 0.006 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

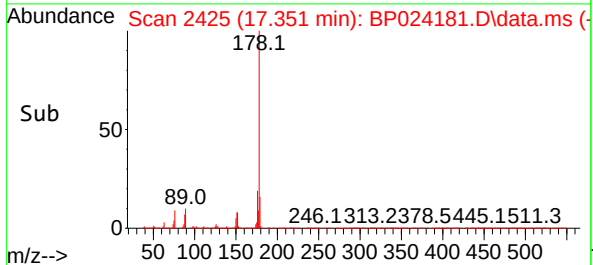
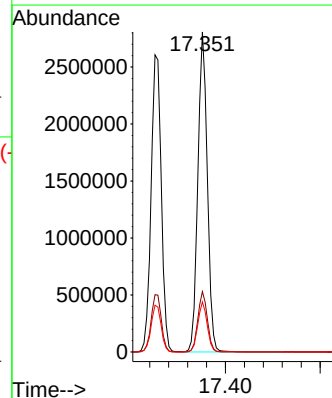
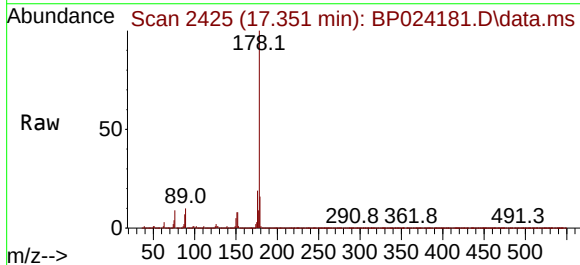
Instrument :
BNA_P
ClientSampleId :
PB167157BS

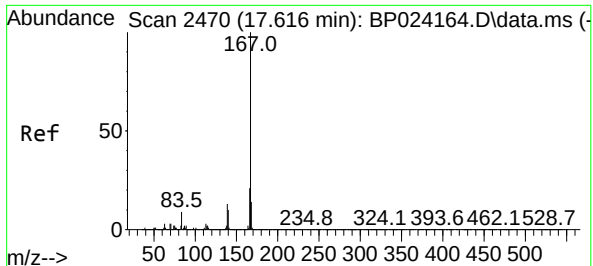
Tgt Ion:178 Resp: 3886389
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 15.7 12.5 18.7



#72
Anthracene
Concen: 48.218 ng
RT: 17.351 min Scan# 2425
Delta R.T. 0.012 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

Tgt Ion:178 Resp: 3899598
Ion Ratio Lower Upper
178 100
176 18.8 15.2 22.8
179 15.6 12.6 18.8



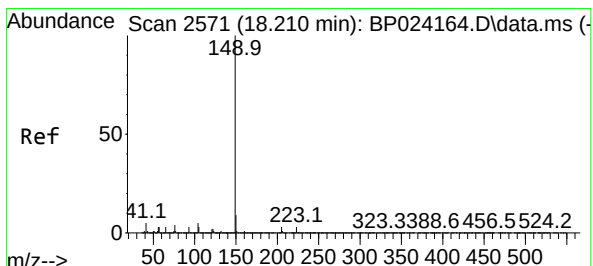
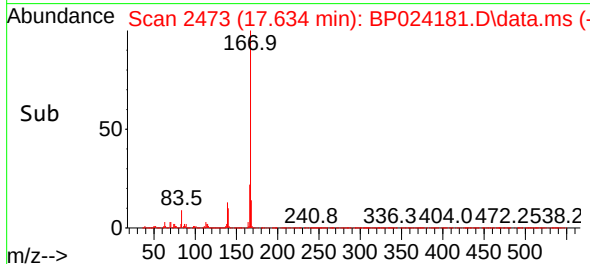
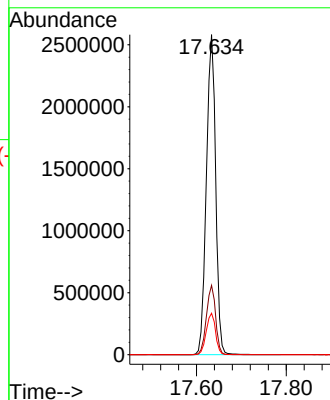
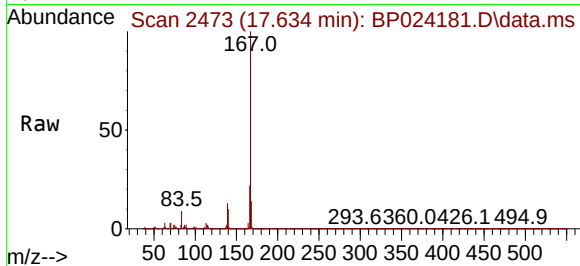


#73
 Carbazole
 Concen: 47.514 ng
 RT: 17.634 min Scan# 2470
 Delta R.T. 0.018 min
 Lab File: BP024181.D
 Acq: 18 Mar 2025 11:07

Instrument :
 BNA_P
 ClientSampleId :
 PB167157BS

Tgt Ion:167 Resp: 3705785

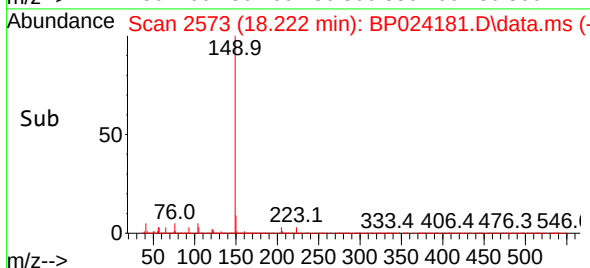
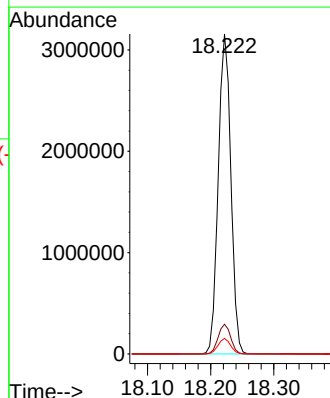
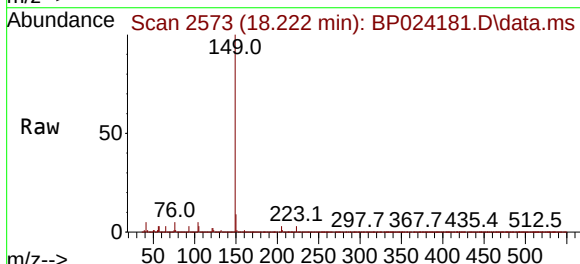
Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.1	25.7
139	13.0	10.2	15.4

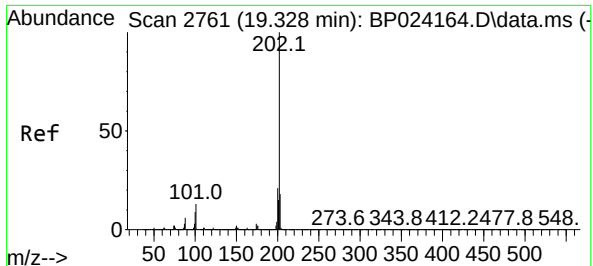


#74
 Di-n-butylphthalate
 Concen: 47.258 ng
 RT: 18.222 min Scan# 2573
 Delta R.T. 0.012 min
 Lab File: BP024181.D
 Acq: 18 Mar 2025 11:07

Tgt Ion:149 Resp: 4375417

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.6	11.4
104	4.9	3.9	5.9

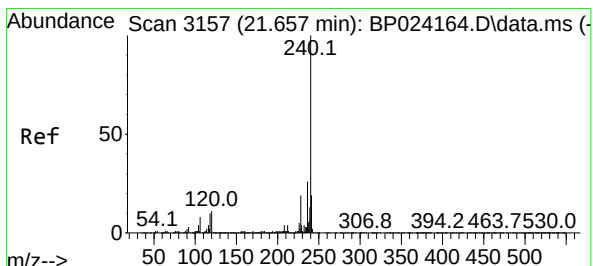
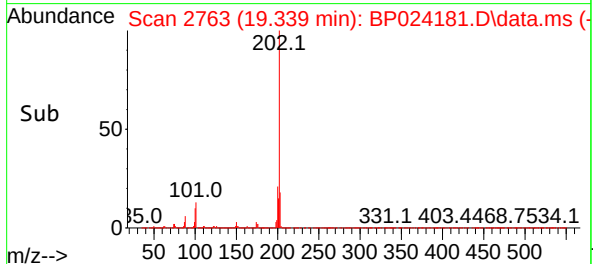
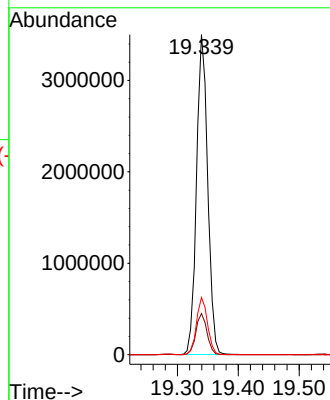
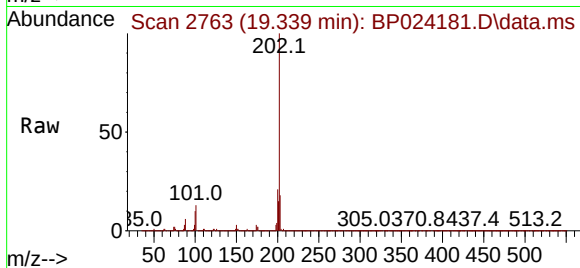




#75
Fluoranthene
Concen: 46.435 ng
RT: 19.339 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

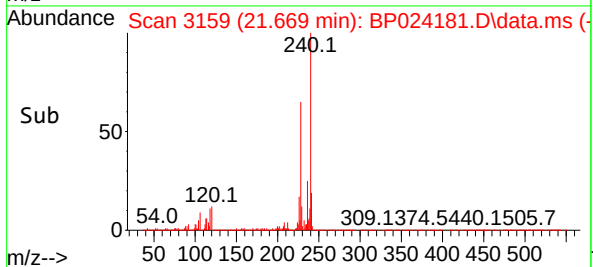
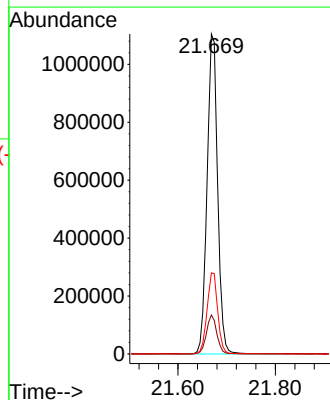
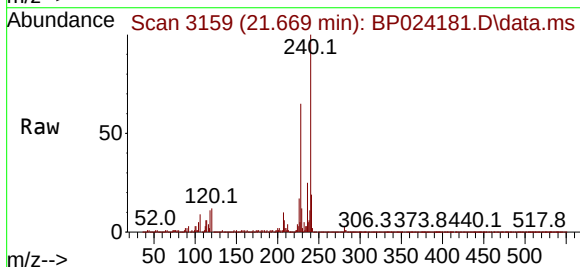
Instrument :
BNA_P
ClientSampleId :
PB167157BS

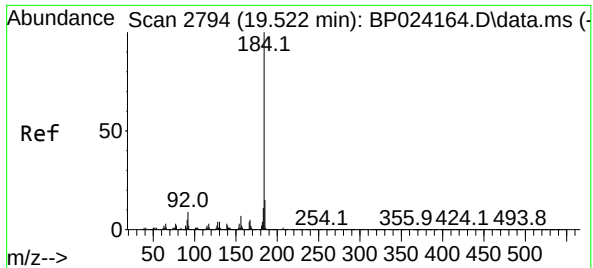
Tgt Ion:202 Resp: 4465647
Ion Ratio Lower Upper
202 100
101 12.9 0.0 32.5
203 17.9 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.669 min Scan# 3159
Delta R.T. 0.012 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

Tgt Ion:240 Resp: 1650496
Ion Ratio Lower Upper
240 100
120 12.2 9.2 13.8
236 25.4 20.4 30.6

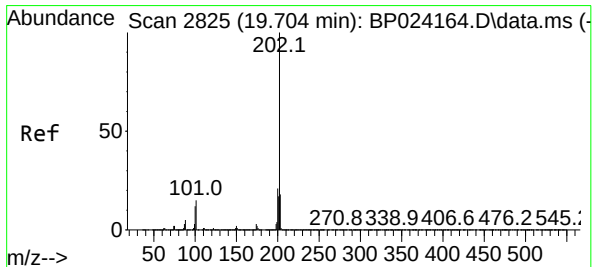
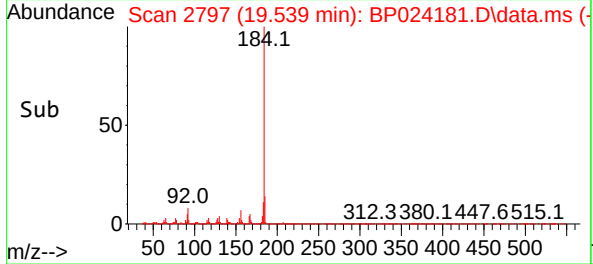
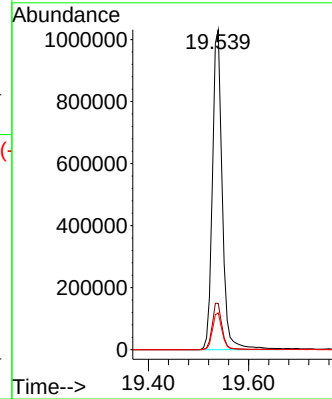
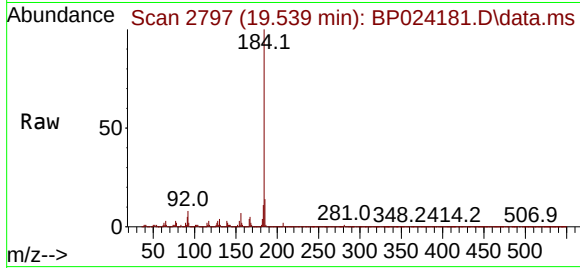




#77
Benzidine
Concen: 78.183 ng
RT: 19.539 min Scan# 21
Delta R.T. 0.018 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

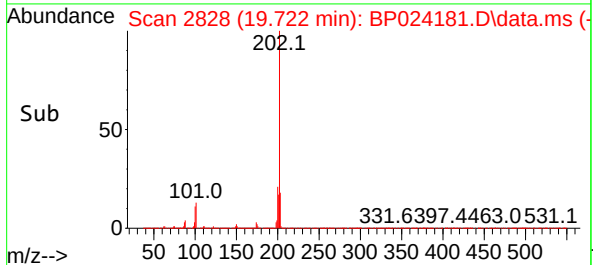
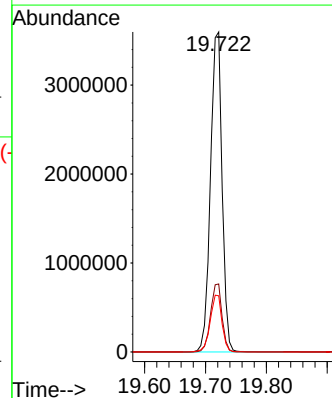
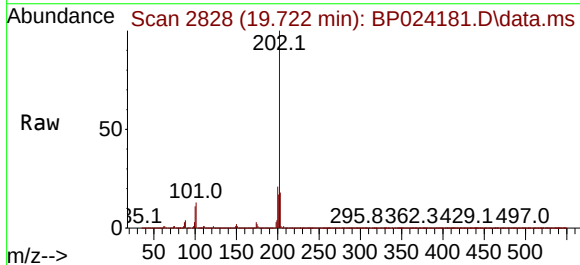
Instrument :
BNA_P
ClientSampleId :
PB167157BS

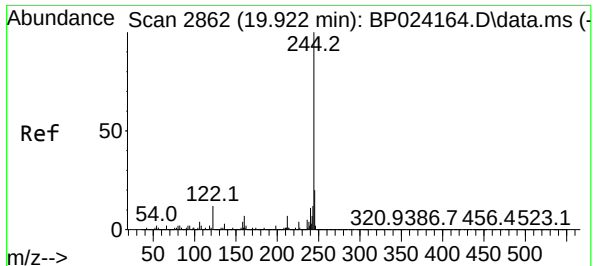
Tgt Ion:184 Resp: 1410850
Ion Ratio Lower Upper
184 100
185 14.4 11.8 17.6
183 11.5 9.1 13.7



#78
Pyrene
Concen: 46.510 ng
RT: 19.722 min Scan# 2828
Delta R.T. 0.018 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

Tgt Ion:202 Resp: 4772350
Ion Ratio Lower Upper
202 100
200 21.3 17.1 25.7
203 17.6 14.2 21.4

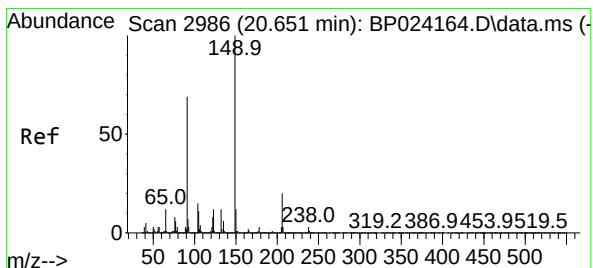
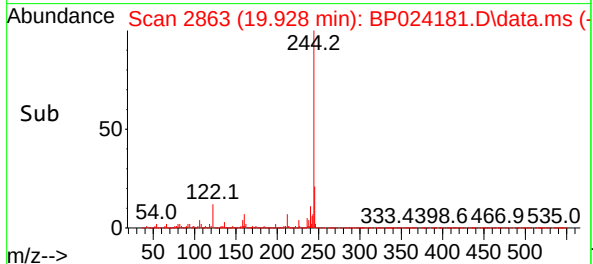
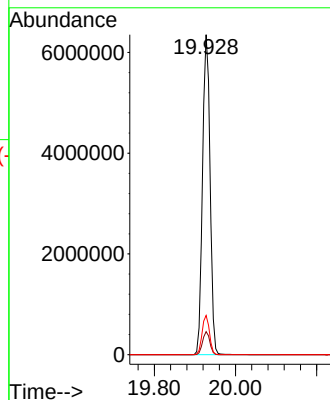
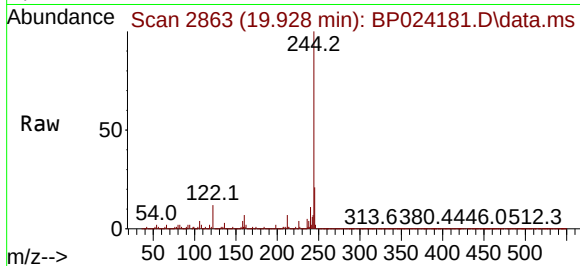




#79
 Terphenyl-d14
 Concen: 102.262 ng
 RT: 19.928 min Scan# 2862
 Delta R.T. 0.006 min
 Lab File: BP024181.D
 Acq: 18 Mar 2025 11:07

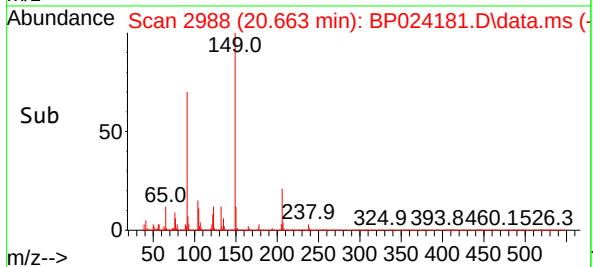
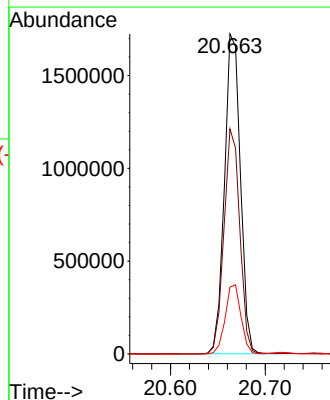
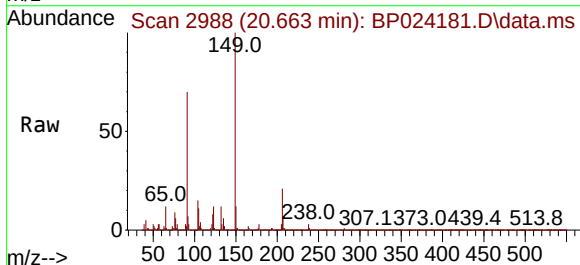
Instrument :
 BNA_P
 ClientSampleId :
 PB167157BS

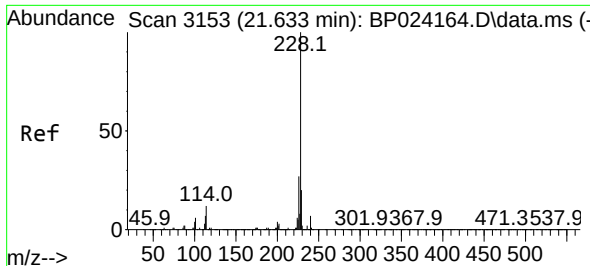
Tgt Ion:244 Resp: 8176573
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 12.3 9.6 14.4



#80
 Butylbenzylphthalate
 Concen: 47.741 ng
 RT: 20.663 min Scan# 2988
 Delta R.T. 0.012 min
 Lab File: BP024181.D
 Acq: 18 Mar 2025 11:07

Tgt Ion:149 Resp: 2020153
 Ion Ratio Lower Upper
 149 100
 91 70.3 55.3 82.9
 206 20.9 16.1 24.1

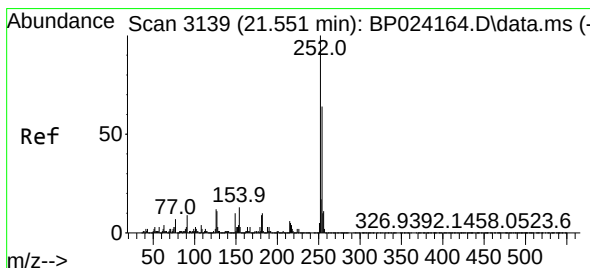
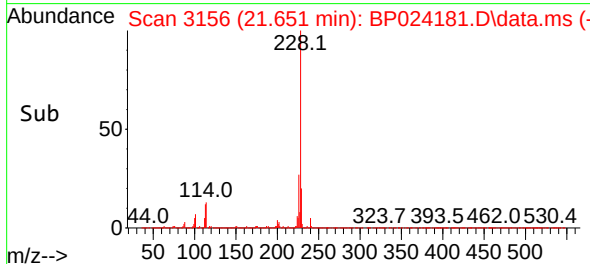
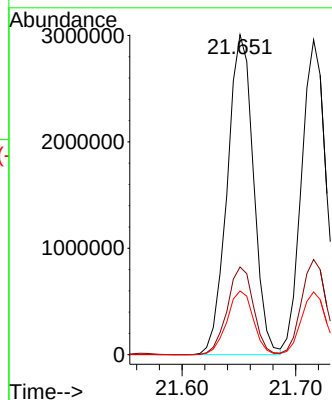
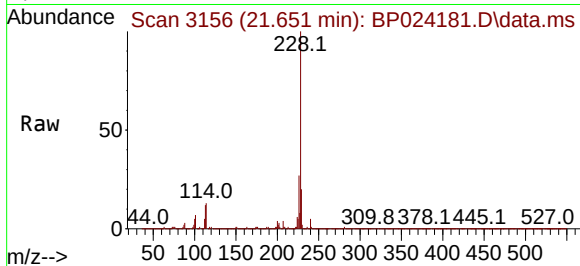




#81
Benzo(a)anthracene
Concen: 47.056 ng
RT: 21.651 min Scan# 3156
Delta R.T. 0.018 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

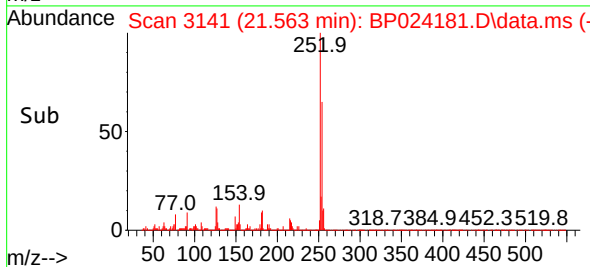
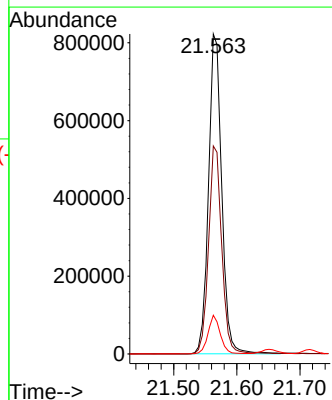
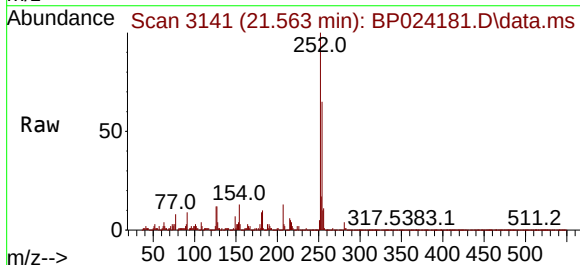
Instrument :
BNA_P
ClientSampleId :
PB167157BS

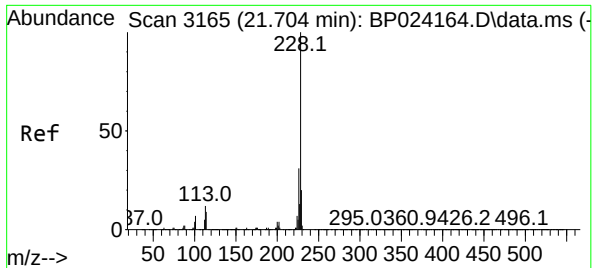
Tgt Ion:228 Resp: 4828655
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.8
229 19.9 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 34.700 ng
RT: 21.563 min Scan# 3141
Delta R.T. 0.012 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

Tgt Ion:252 Resp: 1193393
Ion Ratio Lower Upper
252 100
254 65.0 51.4 77.2
126 12.1 9.3 13.9





#83

Chrysene

Concen: 45.533 ng

RT: 21.716 min Scan# 3167

Delta R.T. 0.012 min

Lab File: BP024181.D

Acq: 18 Mar 2025 11:07

Instrument :

BNA_P

ClientSampleId :

PB167157BS

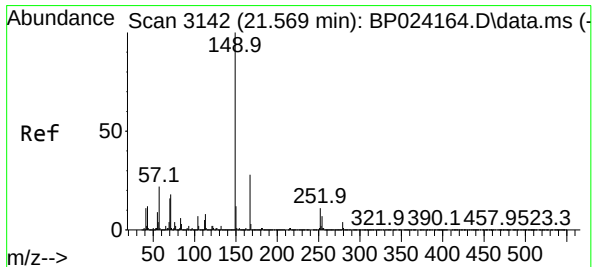
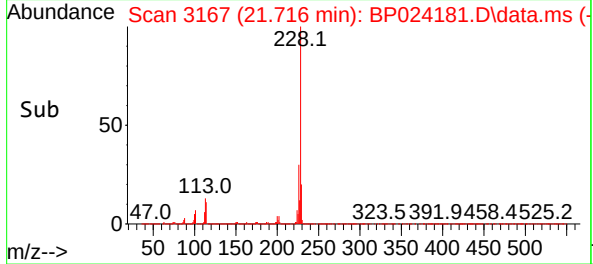
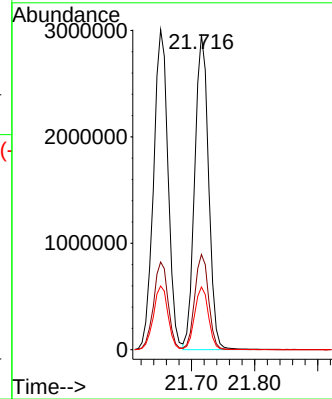
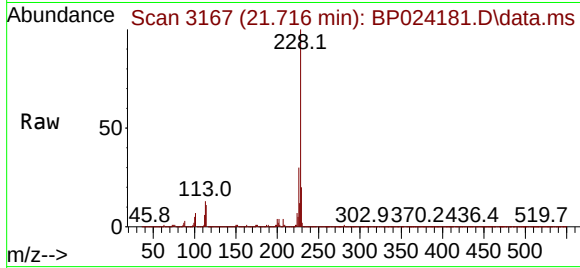
Tgt Ion:228 Resp: 4491727

Ion Ratio Lower Upper

228 100

226 30.2 24.5 36.7

229 19.9 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.917 ng

RT: 21.586 min Scan# 3145

Delta R.T. 0.018 min

Lab File: BP024181.D

Acq: 18 Mar 2025 11:07

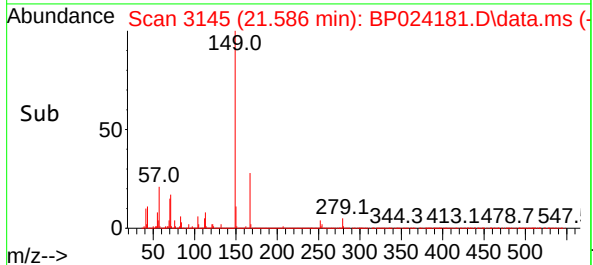
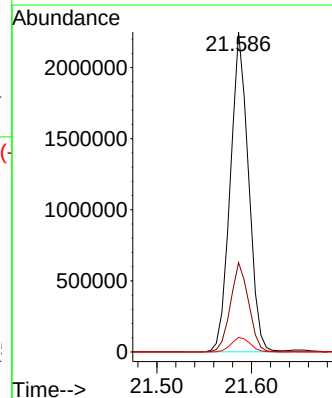
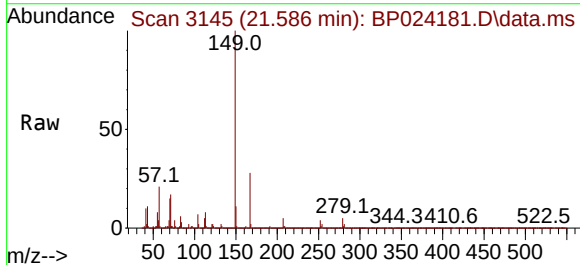
Tgt Ion:149 Resp: 2995615

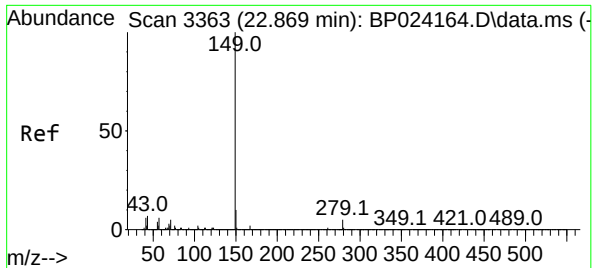
Ion Ratio Lower Upper

149 100

167 27.9 22.5 33.7

279 4.5 3.6 5.4

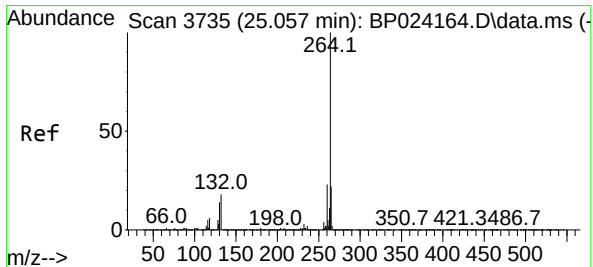
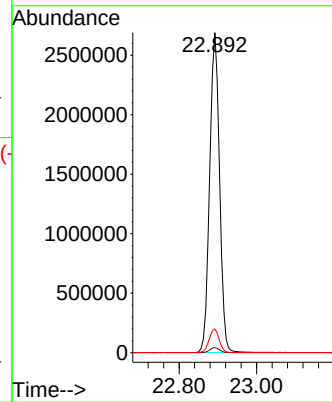
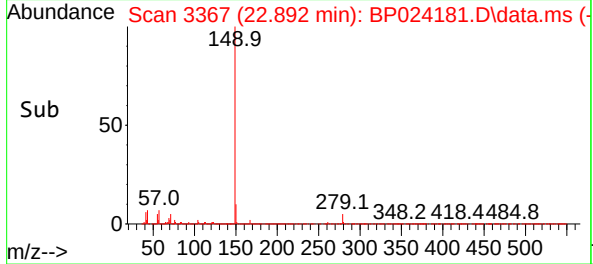
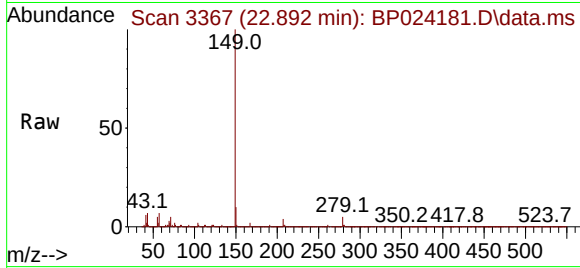




#85
Di-n-octyl phthalate
Concen: 46.464 ng
RT: 22.892 min Scan# 31
Delta R.T. 0.024 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

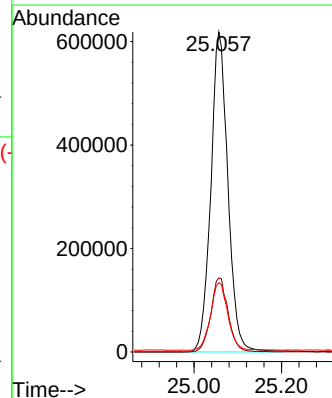
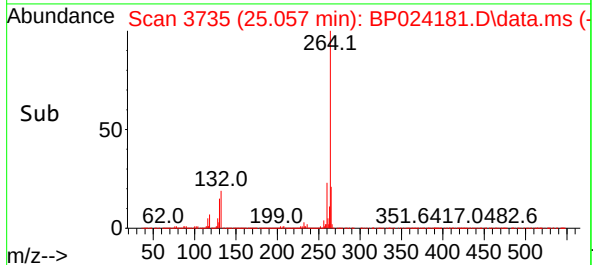
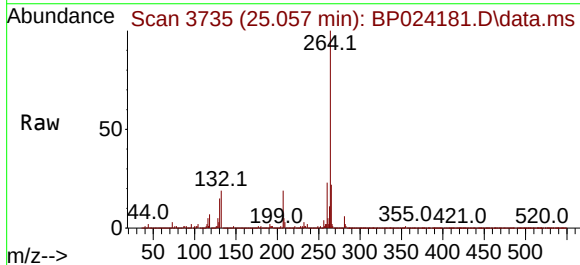
Instrument :
BNA_P
ClientSampleId :
PB167157BS

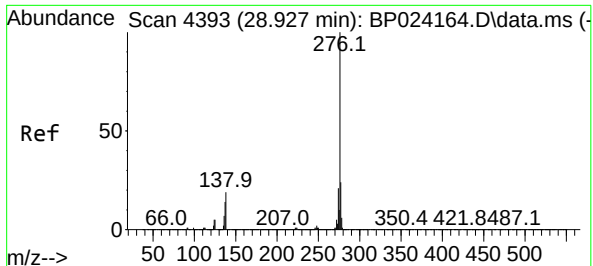
Tgt Ion:149 Resp: 4753251
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.5 5.8 8.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.057 min Scan# 3735
Delta R.T. 0.000 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

Tgt Ion:264 Resp: 1679154
Ion Ratio Lower Upper
264 100
260 23.2 18.5 27.7
265 21.6 17.7 26.5

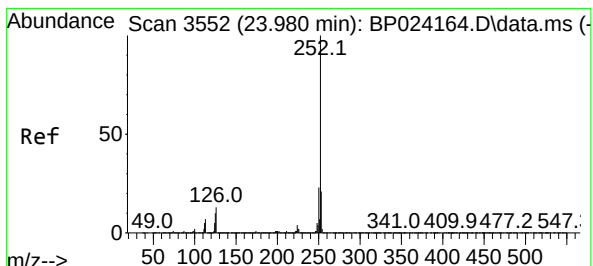
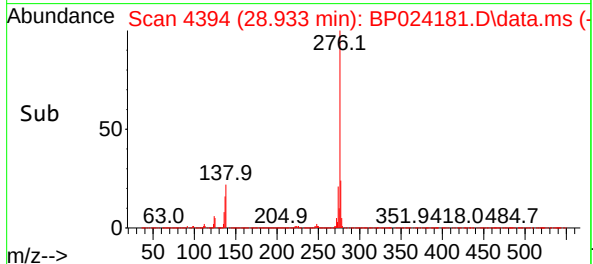
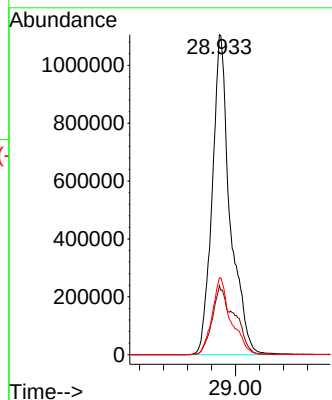
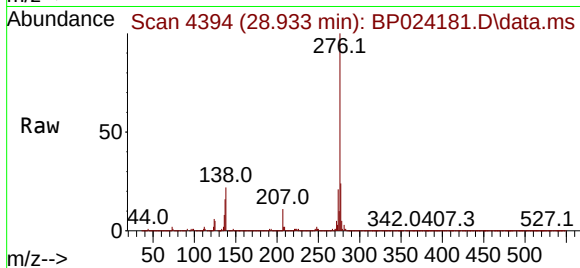




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 48.893 ng
 RT: 28.933 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: BP024181.D
 Acq: 18 Mar 2025 11:07

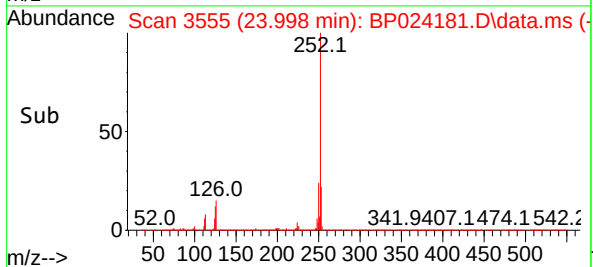
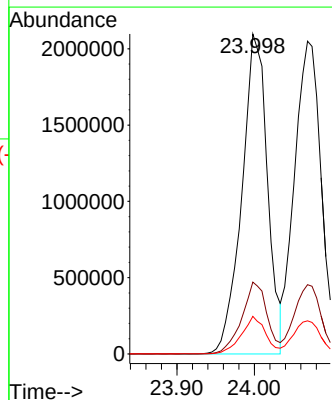
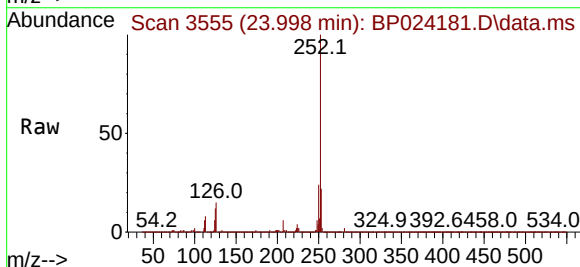
Instrument :
 BNA_P
 ClientSampleId :
 PB167157BS

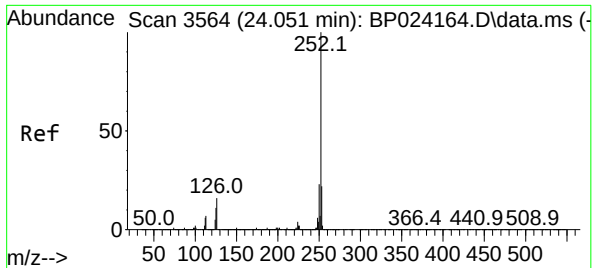
Tgt Ion: 276 Resp: 5729823
 Ion Ratio Lower Upper
 276 100
 138 26.4 13.7 20.5#
 277 25.3 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 47.671 ng
 RT: 23.998 min Scan# 3555
 Delta R.T. 0.018 min
 Lab File: BP024181.D
 Acq: 18 Mar 2025 11:07

Tgt Ion: 252 Resp: 4826316
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.2 25.8
 125 11.7 8.2 12.4

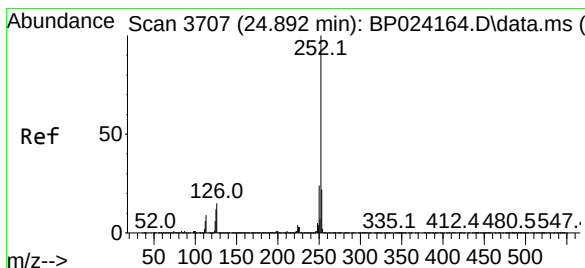
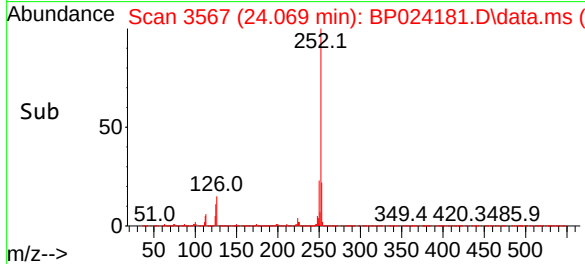
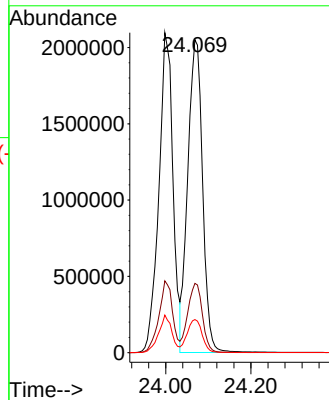
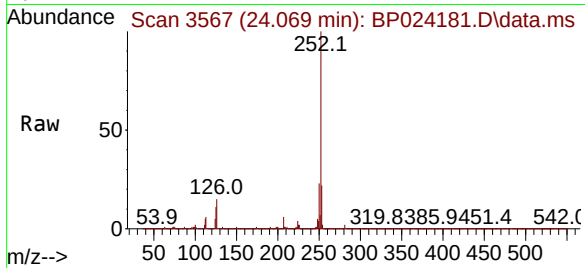




#89
Benzo(k)fluoranthene
Concen: 49.876 ng
RT: 24.069 min Scan# 31
Delta R.T. 0.018 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

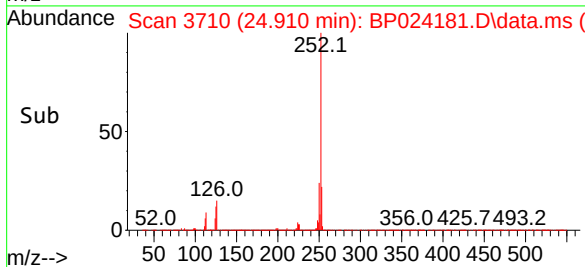
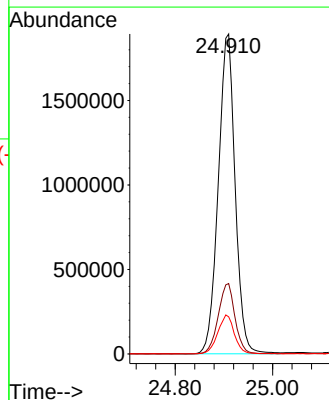
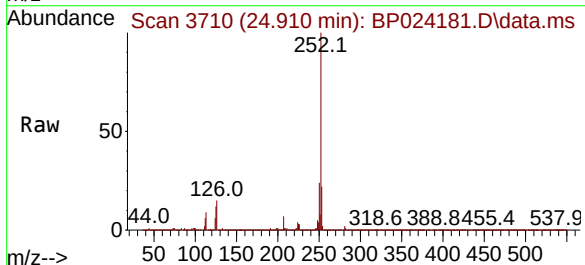
Instrument :
BNA_P
ClientSampleId :
PB167157BS

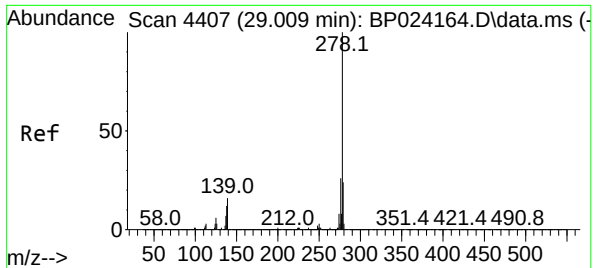
Tgt Ion:252 Resp: 4939409
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 10.6 9.1 13.7



#90
Benzo(a)pyrene
Concen: 51.840 ng
RT: 24.910 min Scan# 3710
Delta R.T. 0.018 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

Tgt Ion:252 Resp: 4563825
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 11.6 9.6 14.4

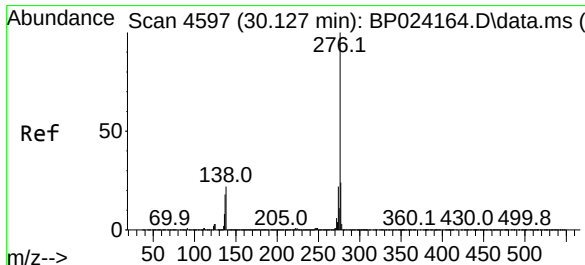
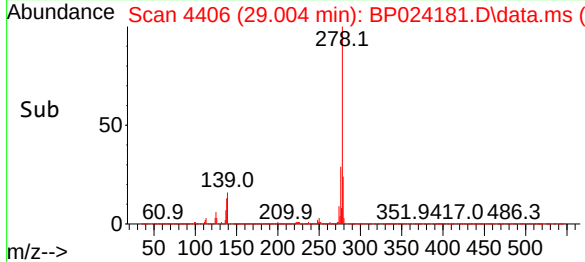
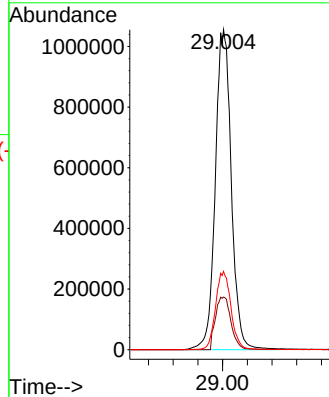
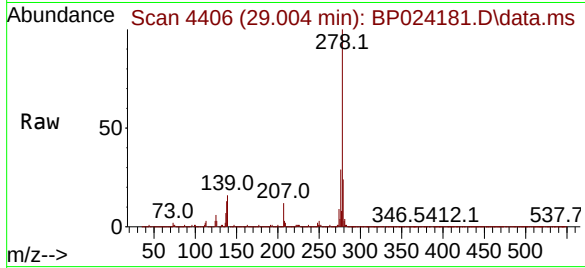




#91
Dibenzo(a,h)anthracene
Concen: 48.632 ng
RT: 29.004 min Scan# 4406
Delta R.T. -0.006 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

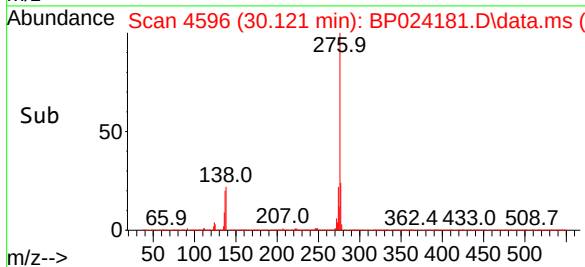
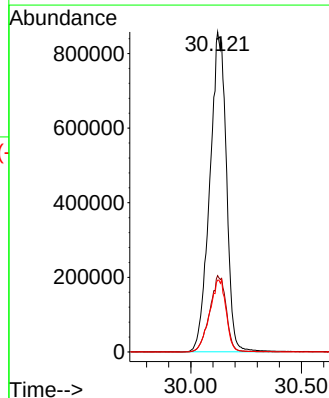
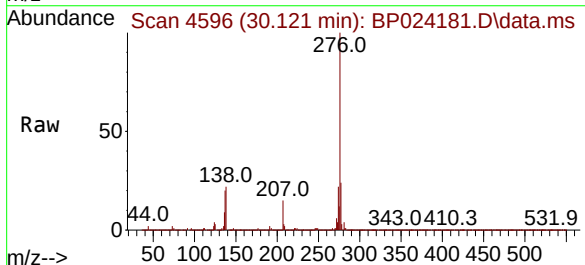
Instrument :
BNA_P
ClientSampleId :
PB167157BS

Tgt Ion:278 Resp: 4741549
Ion Ratio Lower Upper
278 100
139 16.5 13.0 19.4
279 24.4 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 45.033 ng
RT: 30.121 min Scan# 4596
Delta R.T. -0.006 min
Lab File: BP024181.D
Acq: 18 Mar 2025 11:07

Tgt Ion:276 Resp: 4463272
Ion Ratio Lower Upper
276 100
277 23.8 19.2 28.8
138 22.5 17.4 26.2



Report of Analysis

Client:	G Environmental	Date Collected:	03/14/25
Project:	Ave L	Date Received:	03/14/25
Client Sample ID:	OK-02-03142025MS	SDG No.:	Q1574
Lab Sample ID:	Q1585-01MS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	97.1
Sample Wt/Vol:	50.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141980.D	2	03/17/25 09:15	03/17/25 14:30	PB167157

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	390	J	190	410	ug/Kg
108-95-2	Phenol	880		27.3	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	930		30.0	210	ug/Kg
95-57-8	2-Chlorophenol	910		30.1	210	ug/Kg
95-48-7	2-Methylphenol	870		36.9	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	840		46.3	210	ug/Kg
98-86-2	Acetophenone	1100		36.4	210	ug/Kg
65794-96-9	3+4-Methylphenols	870		50.7	410	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	850		58.5	98.7	ug/Kg
67-72-1	Hexachloroethane	890		21.7	210	ug/Kg
98-95-3	Nitrobenzene	950		22.6	210	ug/Kg
78-59-1	Isophorone	970		40.5	210	ug/Kg
88-75-5	2-Nitrophenol	890		71.8	210	ug/Kg
105-67-9	2,4-Dimethylphenol	1100		80.0	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	940		38.0	210	ug/Kg
120-83-2	2,4-Dichlorophenol	890		34.9	210	ug/Kg
91-20-3	Naphthalene	930		28.0	210	ug/Kg
106-47-8	4-Chloroaniline	330		43.7	210	ug/Kg
87-68-3	Hexachlorobutadiene	990		31.2	210	ug/Kg
105-60-2	Caprolactam	950		64.3	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	810		35.4	210	ug/Kg
91-57-6	2-Methylnaphthalene	860		31.6	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1300		140	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	960		24.4	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	970		35.9	210	ug/Kg
92-52-4	1,1-Biphenyl	1100		26.9	210	ug/Kg
91-58-7	2-Chloronaphthalene	970		27.8	210	ug/Kg
88-74-4	2-Nitroaniline	980		59.4	210	ug/Kg
131-11-3	Dimethylphthalate	990		33.5	210	ug/Kg

Report of Analysis

Client:	G Environmental	Date Collected:	03/14/25
Project:	Ave L	Date Received:	03/14/25
Client Sample ID:	OK-02-03142025MS	SDG No.:	Q1574
Lab Sample ID:	Q1585-01MS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	97.1
Sample Wt/Vol:	50.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141980.D	2	03/17/25 09:15	03/17/25 14:30	PB167157

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1100		35.7	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	920		41.5	210	ug/Kg
99-09-2	3-Nitroaniline	800		56.8	210	ug/Kg
83-32-9	Acenaphthene	980		26.3	210	ug/Kg
51-28-5	2,4-Dinitrophenol	580		280	410	ug/Kg
100-02-7	4-Nitrophenol	2100		130	410	ug/Kg
132-64-9	Dibenzofuran	950		28.0	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	920		61.8	210	ug/Kg
84-66-2	Diethylphthalate	940		34.9	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	920		33.0	210	ug/Kg
86-73-7	Fluorene	1100		31.2	210	ug/Kg
100-01-6	4-Nitroaniline	850		79.2	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	230	J	130	410	ug/Kg
86-30-6	n-Nitrosodiphenylamine	950		40.6	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	900		34.3	210	ug/Kg
118-74-1	Hexachlorobenzene	910		31.2	210	ug/Kg
1912-24-9	Atrazine	1200		42.0	210	ug/Kg
87-86-5	Pentachlorophenol	1900		63.3	410	ug/Kg
85-01-8	Phenanthrene	1700		25.8	210	ug/Kg
120-12-7	Anthracene	1100		41.1	210	ug/Kg
86-74-8	Carbazole	1100		38.5	210	ug/Kg
84-74-2	Di-n-butylphthalate	940		59.1	210	ug/Kg
206-44-0	Fluoranthene	1800		37.0	210	ug/Kg
129-00-0	Pyrene	1500		44.4	210	ug/Kg
85-68-7	Butylbenzylphthalate	910		88.1	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	890		45.3	410	ug/Kg
56-55-3	Benzo(a)anthracene	1300		28.4	210	ug/Kg
218-01-9	Chrysene	1300		24.6	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	930		73.1	210	ug/Kg
117-84-0	Di-n-octyl phthalate	1000		110	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400		23.5	210	ug/Kg

Report of Analysis

Client:	G Environmental	Date Collected:	03/14/25
Project:	Ave L	Date Received:	03/14/25
Client Sample ID:	OK-02-03142025MS	SDG No.:	Q1574
Lab Sample ID:	Q1585-01MS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	97.1
Sample Wt/Vol:	50.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141980.D	2	03/17/25 09:15	03/17/25 14:30	PB167157

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	990		27.6	210	ug/Kg
50-32-8	Benzo(a)pyrene	1300		36.4	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1000		35.9	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	880		33.8	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1000		31.7	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		31.6	210	ug/Kg
123-91-1	1,4-Dioxane	970		55.8	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	880		33.8	210	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	92.6		30 (18) - 130 (112)	62%	SPK: 150
13127-88-3	Phenol-d6	87.6		30 (15) - 130 (107)	58%	SPK: 150
4165-60-0	Nitrobenzene-d5	66.5		30 (18) - 130 (107)	67%	SPK: 100
321-60-8	2-Fluorobiphenyl	73.3		30 (20) - 130 (109)	73%	SPK: 100
118-79-6	2,4,6-Tribromophenol	89.9		30 (10) - 130 (116)	60%	SPK: 150
1718-51-0	Terphenyl-d14	62.8		30 (10) - 130 (105)	63%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	139000	6.881			
1146-65-2	Naphthalene-d8	493000	8.163			
15067-26-2	Acenaphthene-d10	239000	9.916			
1517-22-2	Phenanthrene-d10	402000	11.404			
1719-03-5	Chrysene-d12	317000	14.045			
1520-96-3	Perylene-d12	248000	15.521			

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_F\Data\BF031725\
 Data File : BF141980.D
 Acq On : 17 Mar 2025 14:30
 Operator : RC/JU
 Sample : Q1585-01MS 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-03142025MS

Quant Time: Mar 17 15:35:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	138986	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	493410	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	238972	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	402192	20.000	ng	0.00
76) Chrysene-d12	14.045	240	316750	20.000	ng	0.00
86) Perylene-d12	15.521	264	247894	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	385727	46.319	ng	0.00
7) Phenol-d6	6.504	99	464515	43.810	ng	0.00
23) Nitrobenzene-d5	7.440	82	291625	33.261	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	136315	44.964	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	575675	36.636	ng	0.00
79) Terphenyl-d14	12.986	244	672453	31.387	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.681	88	81983	23.495	ng	98
3) Pyridine	3.452	79	167175	19.532	ng	98
4) n-Nitrosodimethylamine	3.381	42	90321	22.137	ng	99
6) Aniline	6.540	93	116059	11.096	ng	99
8) 2-Chlorophenol	6.663	128	204974	22.193	ng	99
9) Benzaldehyde	6.428	77	56854	9.588	ng	97
10) Phenol	6.516	94	239157	21.440	ng	99
11) bis(2-Chloroethyl)ether	6.610	93	188562	22.513	ng	98
12) 1,3-Dichlorobenzene	6.822	146	227613	22.827	ng	98
13) 1,4-Dichlorobenzene	6.898	146	228363	22.635	ng	99
14) 1,2-Dichlorobenzene	7.051	146	215726	22.702	ng	99
15) Benzyl Alcohol	7.016	79	176222	20.558	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	205690	20.341	ng	99
17) 2-Methylphenol	7.128	107	154631	21.057	ng	99
18) Hexachloroethane	7.393	117	81405	21.517	ng	97
19) n-Nitroso-di-n-propyla...	7.287	70	140789	20.665	ng	100
20) 3+4-Methylphenols	7.281	107	198449	21.098	ng	# 73
22) Acetophenone	7.287	105	308907	26.143	ng	99
24) Nitrobenzene	7.457	77	200900	23.049	ng	99
25) Isophorone	7.698	82	365609	23.590	ng	99
26) 2-Nitrophenol	7.775	139	92364	21.591	ng	99
27) 2,4-Dimethylphenol	7.810	122	162808	27.639	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	221519	22.788	ng	99
29) 2,4-Dichlorophenol	8.016	162	158783	21.717	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	182835	22.691	ng	98
31) Naphthalene	8.187	128	572869	22.602	ng	100
32) Benzoic acid	7.893	122	112548	21.736	ng	99
33) 4-Chloroaniline	8.228	127	72772	8.133	ng	99
34) Hexachlorobutadiene	8.298	225	126143	24.006	ng	99
35) Caprolactam	8.575	113	51580	23.139	ng	97
36) 4-Chloro-3-methylphenol	8.704	107	160103	19.630	ng	98
37) 2-Methylnaphthalene	8.875	142	354626	20.933	ng	100
38) 1-Methylnaphthalene	8.975	142	346641	21.204	ng	99
40) 1,2,4,5-Tetrachloroben...	9.040	216	196214	26.968	ng	99
41) Hexachlorocyclopentadiene	9.028	237	89081	31.285	ng	97
43) 2,4,6-Trichlorophenol	9.151	196	110558	23.251	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
 Data File : BF141980.D
 Acq On : 17 Mar 2025 14:30
 Operator : RC/JU
 Sample : Q1585-01MS 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-03142025MS

Quant Time: Mar 17 15:35:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

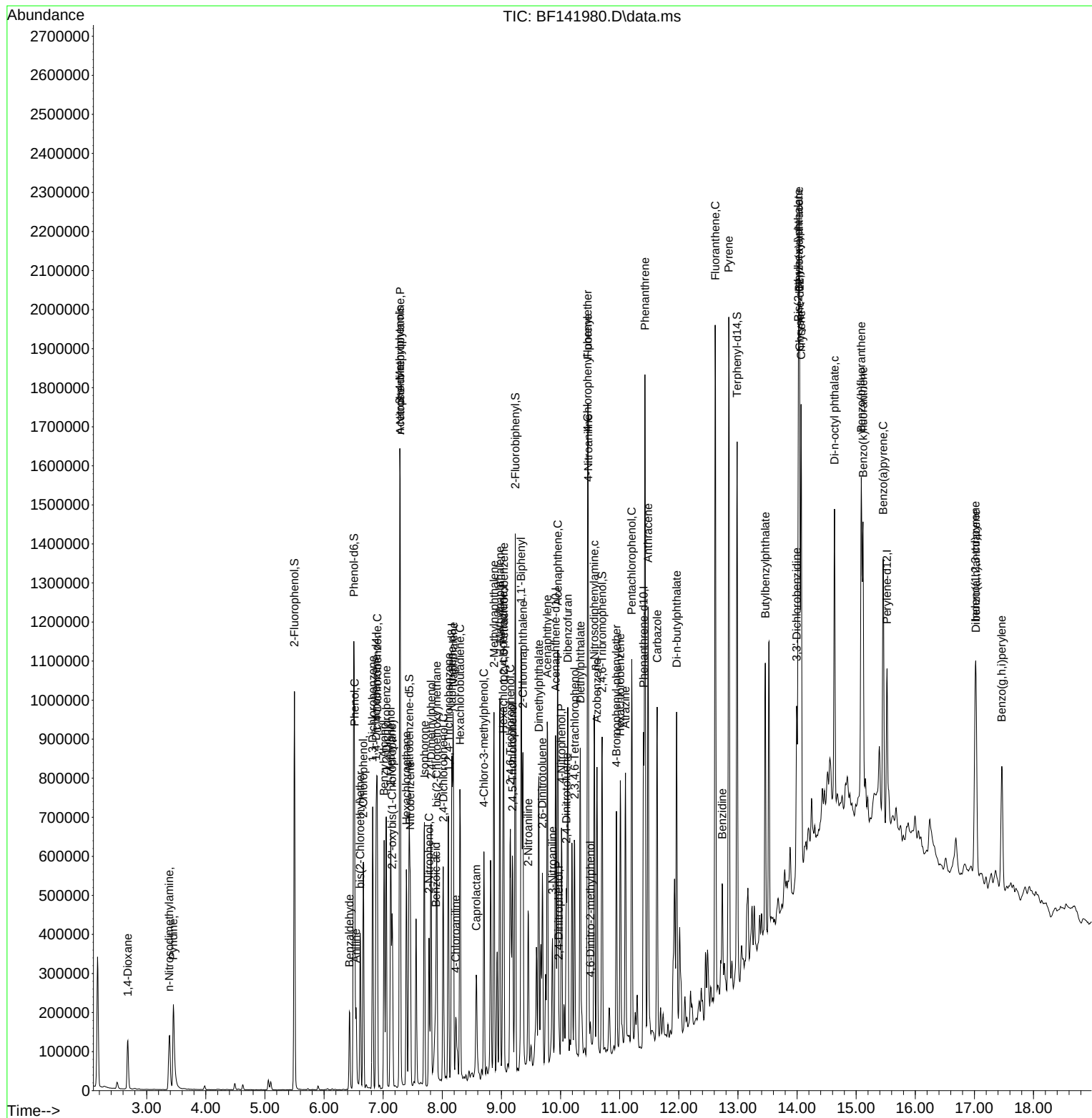
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	113013	23.467	ng	99
46) 1,1'-Biphenyl	9.334	154	488892	26.925	ng	99
47) 2-Chloronaphthalene	9.363	162	318869	23.561	ng	98
48) 2-Nitroaniline	9.451	65	93476	23.855	ng	98
49) Acenaphthylene	9.775	152	529391	26.360	ng	100
50) Dimethylphthalate	9.634	163	400627	23.940	ng	99
51) 2,6-Dinitrotoluene	9.692	165	77976	22.379	ng	97
52) Acenaphthene	9.951	154	335924	23.801	ng	100
53) 3-Nitroaniline	9.863	138	68567	19.400	ng	98
54) 2,4-Dinitrophenol	9.969	184	16055	14.017	ng	97
55) Dibenzofuran	10.122	168	465340	23.075	ng	99
56) 4-Nitrophenol	10.016	139	134101	50.312	ng	98
57) 2,4-Dinitrotoluene	10.098	165	101899	22.391	ng	97
58) Fluorene	10.463	166	397162	25.538	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	94204	21.497	ng	99
60) Diethylphthalate	10.334	149	381123	22.840	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	181796	22.422	ng	97
62) 4-Nitroaniline	10.469	138	70786	20.572	ng	98
63) Azobenzene	10.616	77	349006	22.497	ng	94
65) 4,6-Dinitro-2-methylph...	10.504	198	13669	5.701	ng	90
66) n-Nitrosodiphenylamine	10.569	169	299065	22.978	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	110273	21.832	ng	99
68) Hexachlorobenzene	11.010	284	122537	22.119	ng	99
69) Atrazine	11.098	200	118551	29.713	ng	98
70) Pentachlorophenol	11.204	266	159828	46.825	ng	99
71) Phenanthrene	11.428	178	899069	41.387	ng	99
72) Anthracene	11.481	178	602091	27.626	ng	99
73) Carbazole	11.633	167	481700	25.628	ng	99
74) Di-n-butylphthalate	11.963	149	571030	22.896	ng	99
75) Fluoranthene	12.616	202	983960	42.700	ng	100
77) Benzidine	12.733	184	164890	37.312	ng	99
78) Pyrene	12.845	202	1004516	36.662	ng	99
80) Butylbenzylphthalate	13.463	149	236626	22.065	ng	98
81) Benzo(a)anthracene	14.033	228	669134	32.193	ng	97
82) 3,3'-Dichlorobenzidine	13.992	252	130151	21.668	ng	99
83) Chrysene	14.069	228	598647	31.773	ng	98
84) Bis(2-ethylhexyl)phtha...	14.022	149	334726	22.638	ng	99
85) Di-n-octyl phthalate	14.633	149	511488	24.861	ng	99
87) Indeno(1,2,3-cd)pyrene	17.015	276	396395	24.719	ng	95
88) Benzo(b)fluoranthene	15.086	252	567086	33.378	ng	98
89) Benzo(k)fluoranthene	15.116	252	350299	24.093	ng	98
90) Benzo(a)pyrene	15.457	252	430507	32.384	ng	98
91) Dibenzo(a,h)anthracene	17.027	278	282448	21.348	ng	98
92) Benzo(g,h,i)perylene	17.462	276	317558	24.288	ng	97

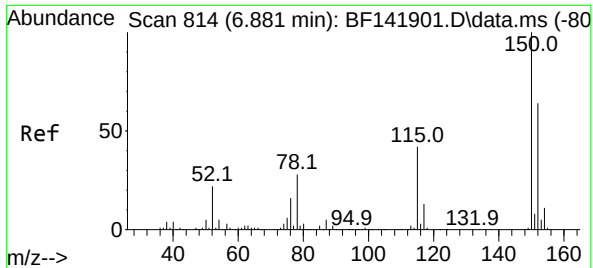
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 17 Mar 2025 14:30
Operator : RC/JU
Sample : Q1585-01MS 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MS

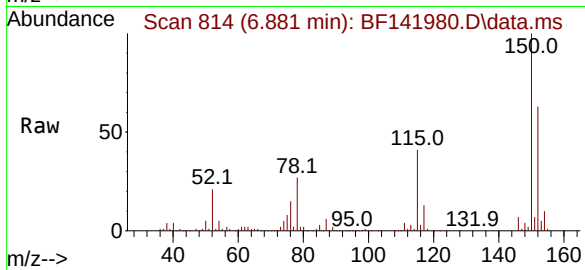
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QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration



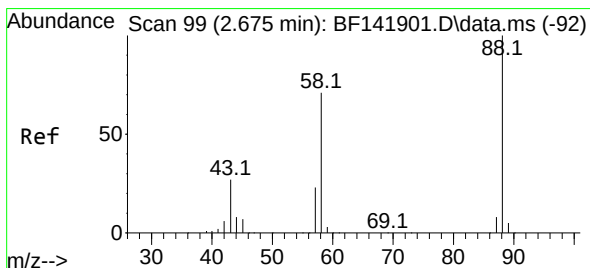
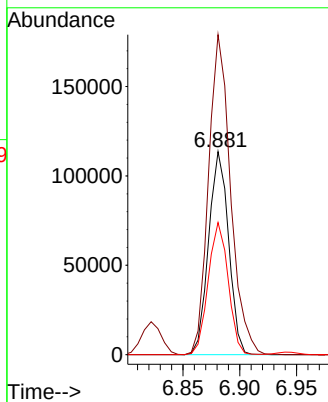
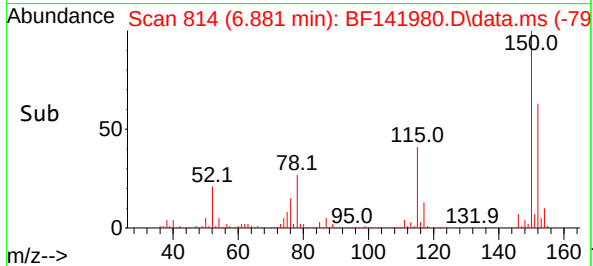


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MS

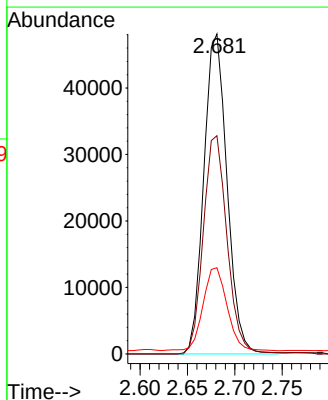
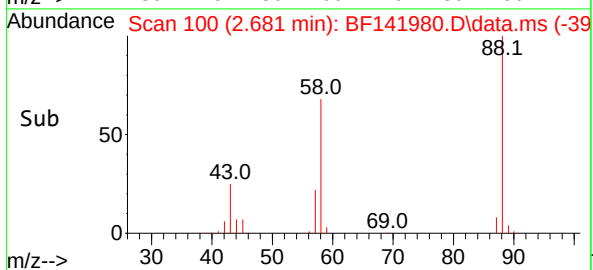
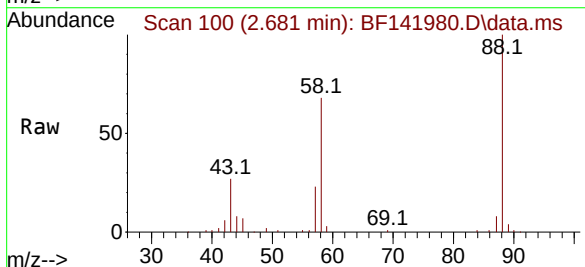


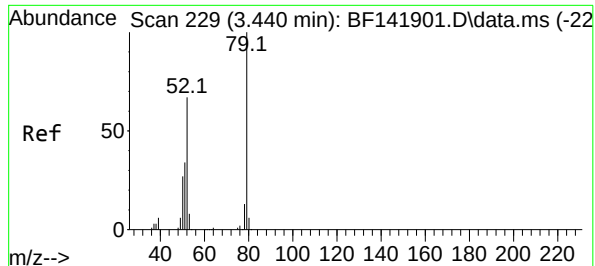
Tgt Ion:152 Resp: 138986
Ion Ratio Lower Upper
152 100
150 157.5 127.4 191.2
115 65.0 51.9 77.9



#2
1,4-Dioxane
Concen: 23.495 ng
RT: 2.681 min Scan# 100
Delta R.T. 0.006 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

Tgt Ion: 88 Resp: 81983
Ion Ratio Lower Upper
88 100
58 69.9 57.4 86.2
43 26.9 21.5 32.3

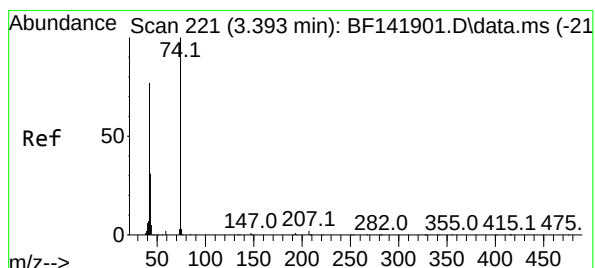
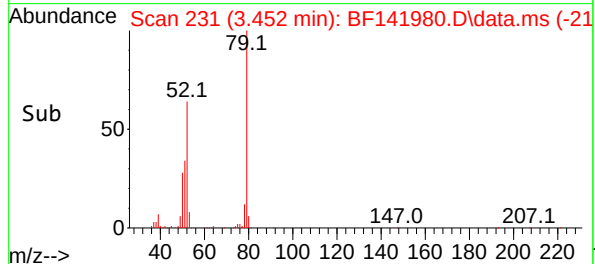
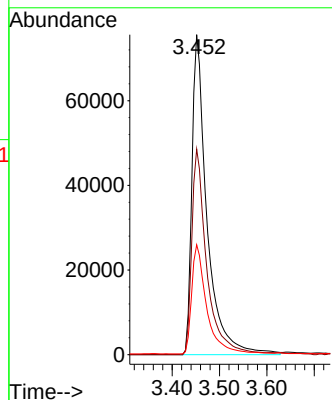
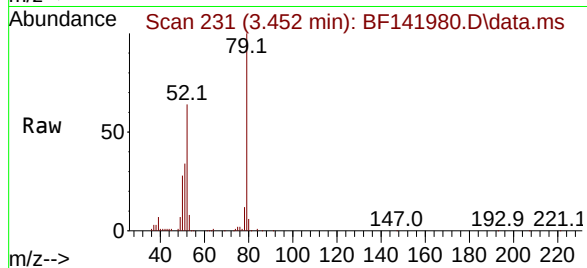




#3
Pyridine
Concen: 19.532 ng
RT: 3.452 min Scan# 219
Delta R.T. 0.012 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

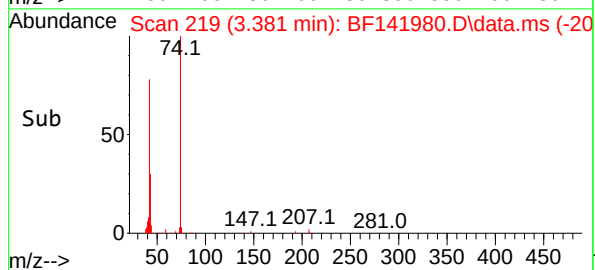
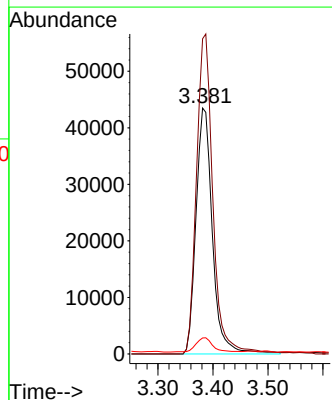
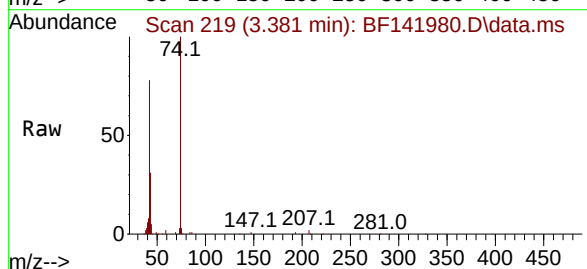
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MS

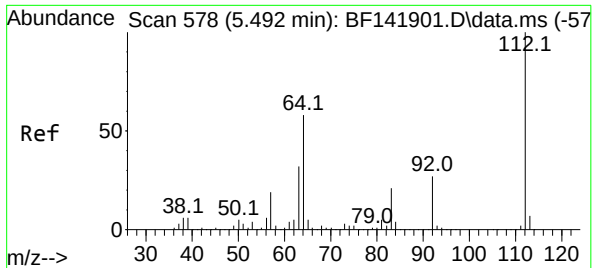
Tgt Ion: 79 Resp: 167175
Ion Ratio Lower Upper
79 100
52 64.2 53.3 79.9
51 34.4 27.6 41.4



#4
n-Nitrosodimethylamine
Concen: 22.137 ng
RT: 3.381 min Scan# 219
Delta R.T. -0.012 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

Tgt Ion: 42 Resp: 90321
Ion Ratio Lower Upper
42 100
74 128.2 103.4 155.0
44 6.5 5.0 7.4

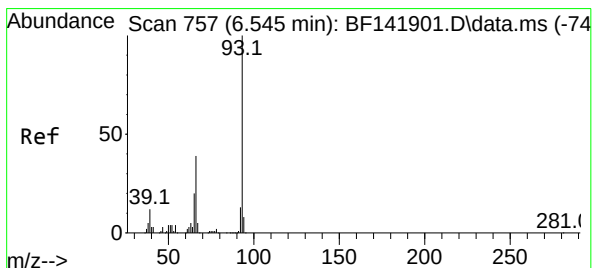
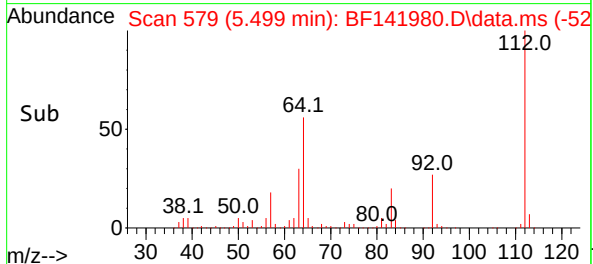
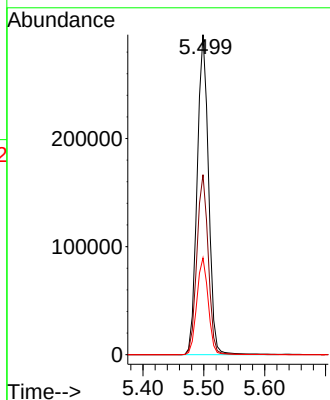
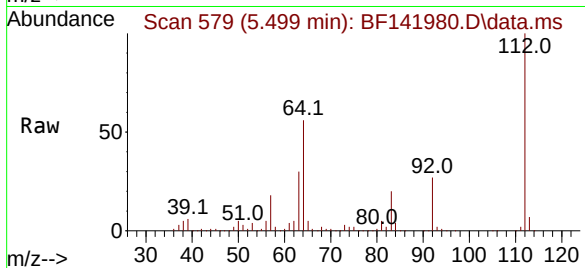




#5
2-Fluorophenol
Concen: 46.319 ng
RT: 5.499 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

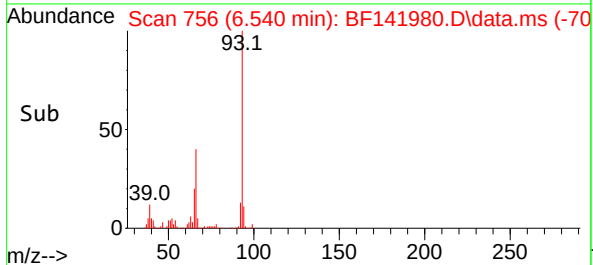
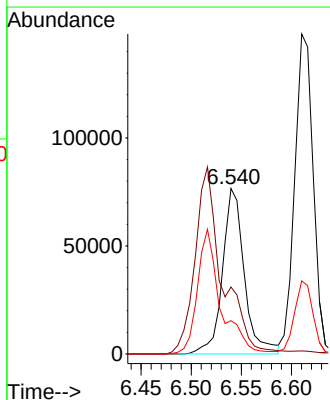
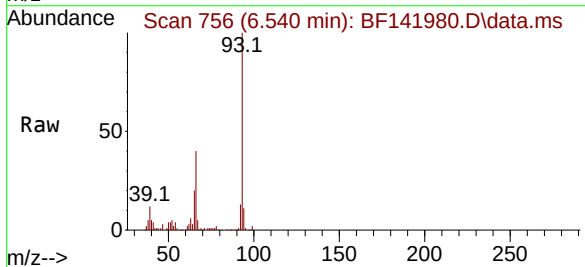
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MS

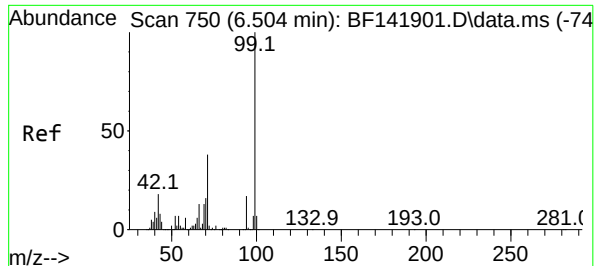
Tgt Ion:112 Resp: 385727
Ion Ratio Lower Upper
112 100
64 56.3 46.5 69.7
63 30.3 25.4 38.2



#6
Aniline
Concen: 11.096 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

Tgt Ion: 93 Resp: 116059
Ion Ratio Lower Upper
93 100
66 40.4 31.9 47.9
65 20.1 15.8 23.6

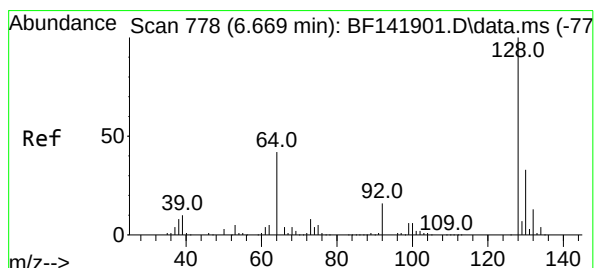
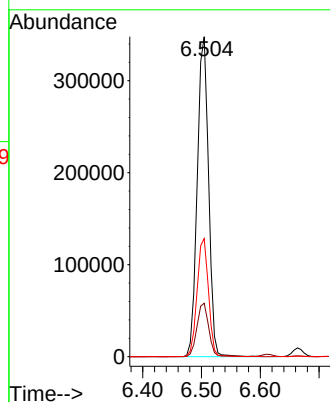
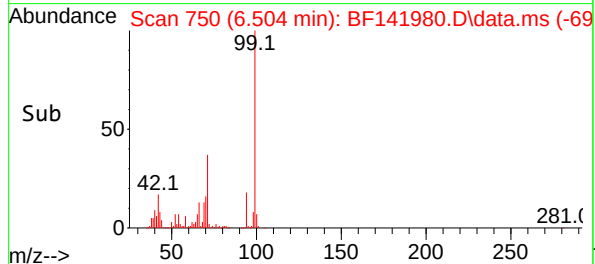
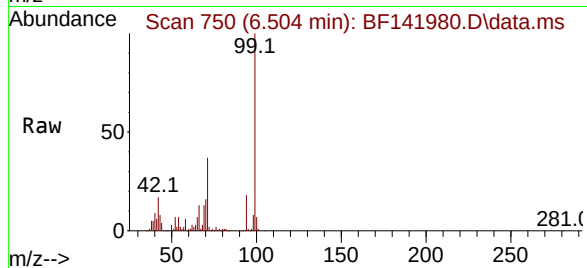




#7
Phenol-d6
Concen: 43.810 ng
RT: 6.504 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

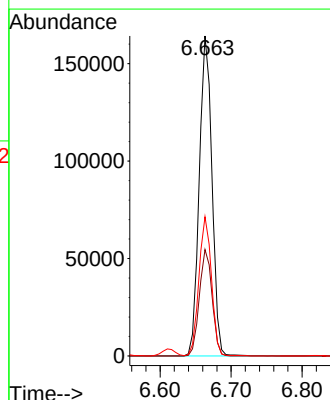
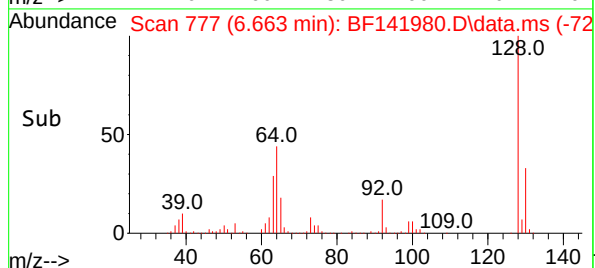
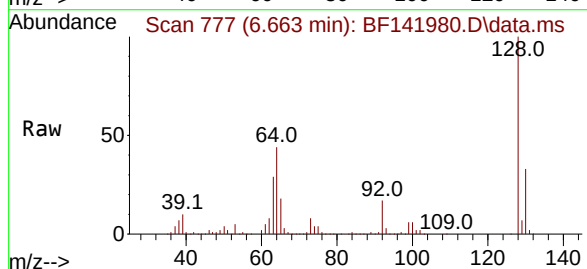
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MS

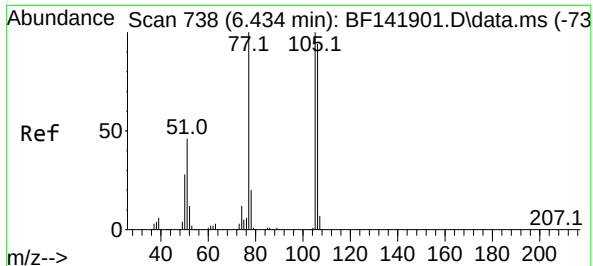
Tgt Ion	Ratio	Lower	Upper
99	100		
42	16.7	14.6	21.8
71	36.9	30.8	46.2



#8
2-Chlorophenol
Concen: 22.193 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.006 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

Tgt Ion	Ratio	Lower	Upper
128	100		
130	33.3	12.8	52.8
64	43.5	24.4	64.4





#9

Benzaldehyde

Concen: 9.588 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MS

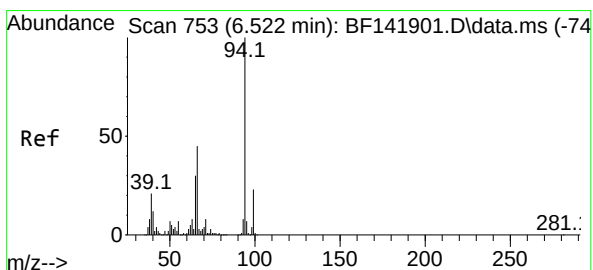
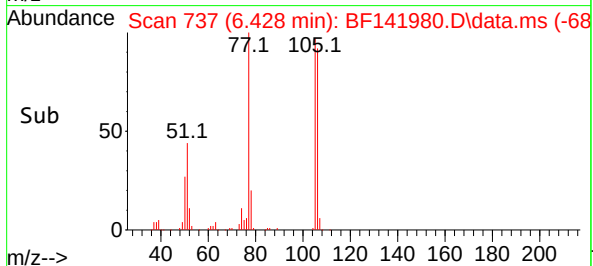
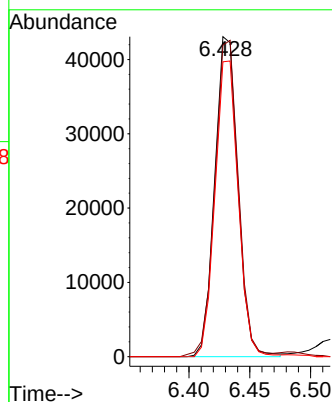
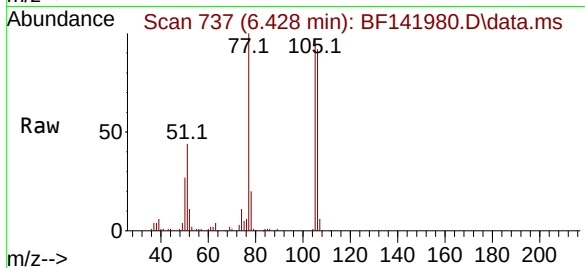
Tgt Ion: 77 Resp: 56854

Ion Ratio Lower Upper

77 100

105 97.4 80.0 120.0

106 92.2 74.5 114.5



#10

Phenol

Concen: 21.440 ng

RT: 6.516 min Scan# 752

Delta R.T. -0.006 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

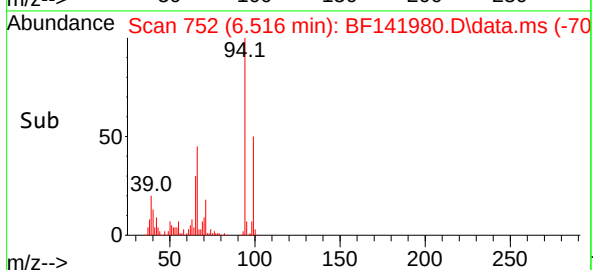
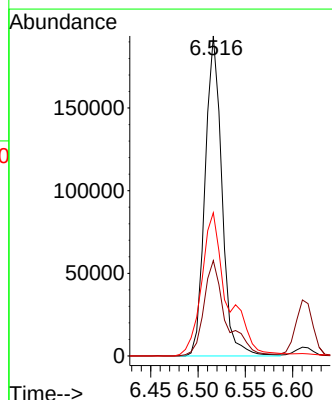
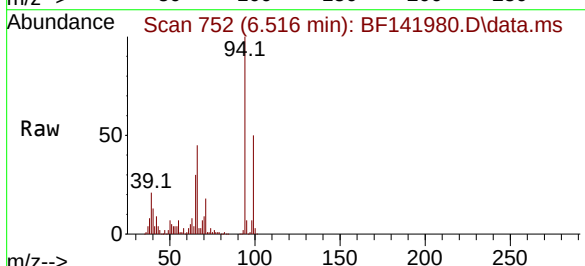
Tgt Ion: 94 Resp: 239157

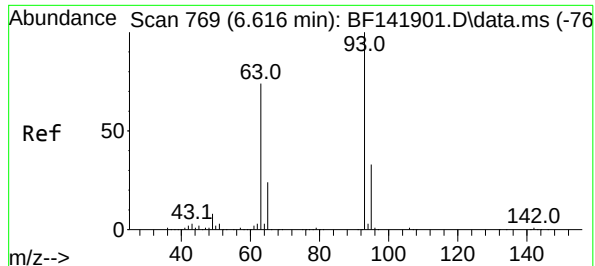
Ion Ratio Lower Upper

94 100

65 29.8 10.5 50.5

66 44.7 25.8 65.8

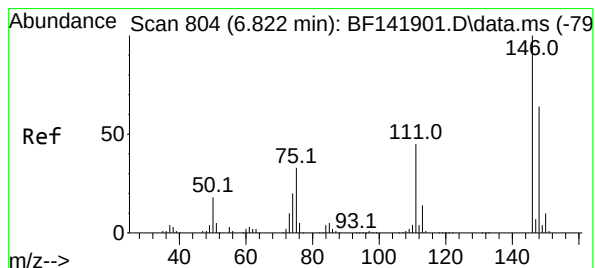
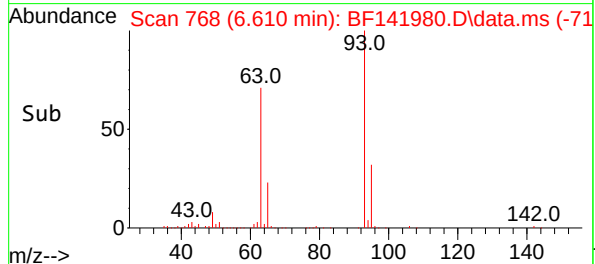
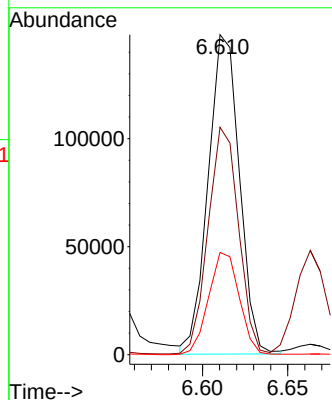
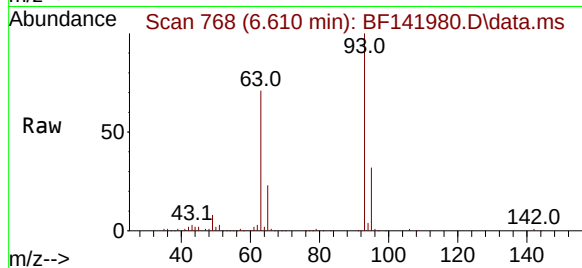




#11
bis(2-Chloroethyl)ether
Concen: 22.513 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

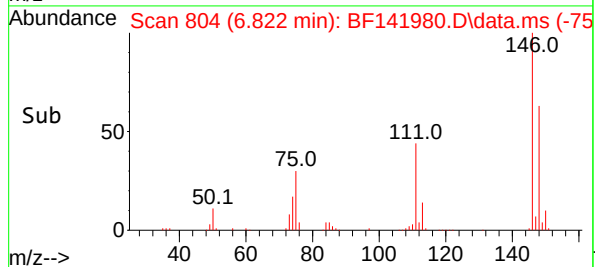
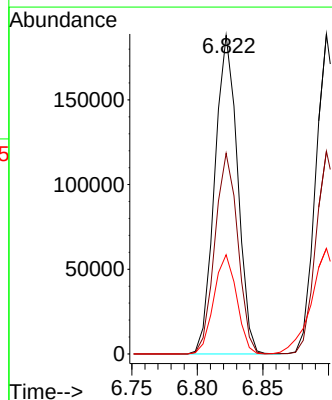
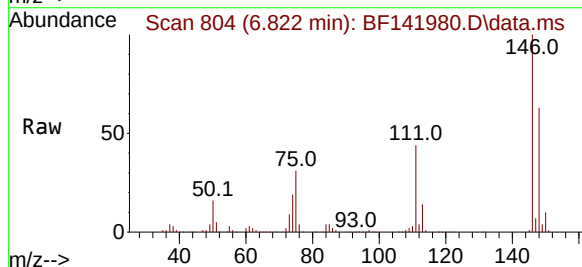
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BNA_F
ClientSampleId :
OK-02-03142025MS

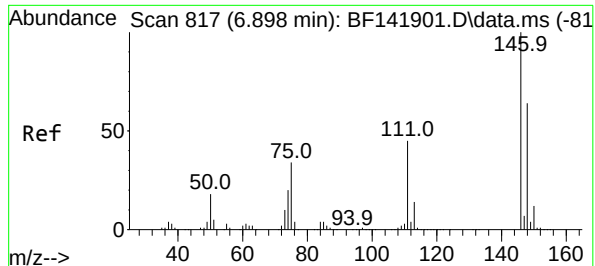
Tgt Ion: 93 Resp: 188562
Ion Ratio Lower Upper
93 100
63 71.1 53.0 93.0
95 32.0 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 22.827 ng
RT: 6.822 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

Tgt Ion: 146 Resp: 227613
Ion Ratio Lower Upper
146 100
148 63.0 51.3 76.9
75 31.2 26.6 40.0





#13

1,4-Dichlorobenzene

Concen: 22.635 ng

RT: 6.898 min Scan# 817

Delta R.T. 0.000 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MS

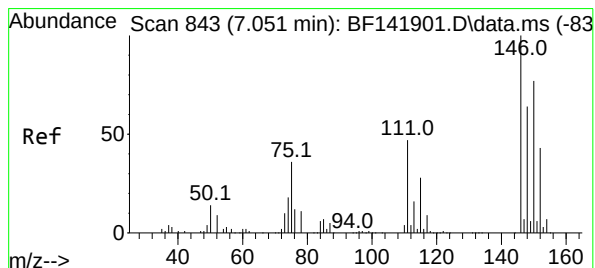
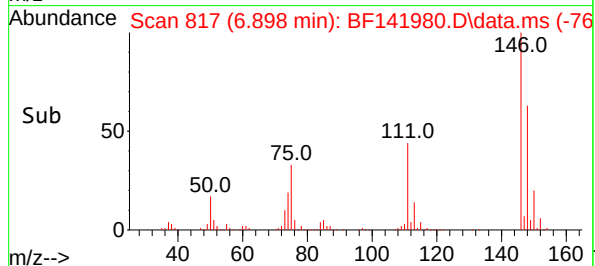
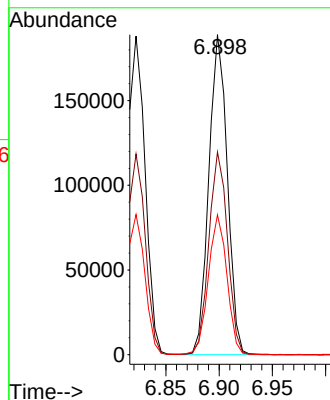
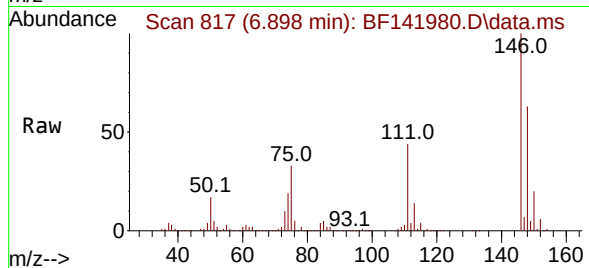
Tgt Ion:146 Resp: 228363

Ion Ratio Lower Upper

146 100

148 63.4 51.0 76.6

111 43.7 35.7 53.5



#14

1,2-Dichlorobenzene

Concen: 22.702 ng

RT: 7.051 min Scan# 843

Delta R.T. 0.000 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

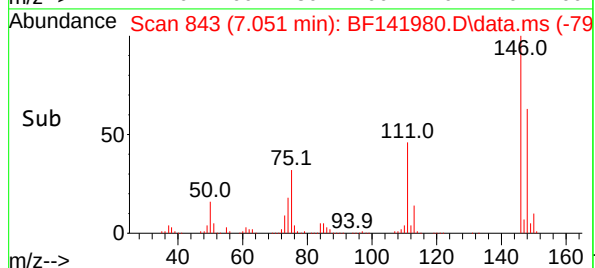
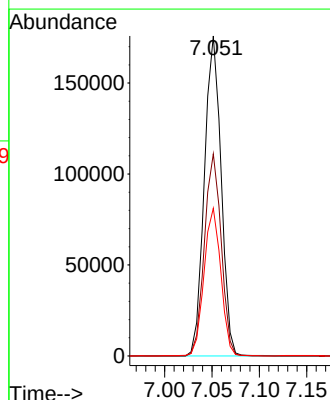
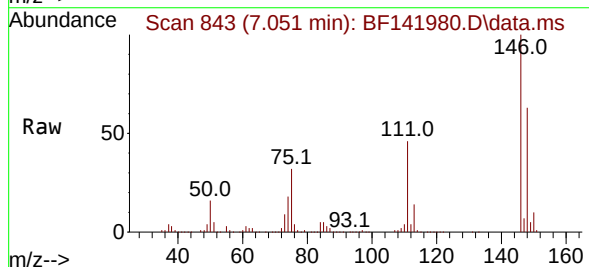
Tgt Ion:146 Resp: 215726

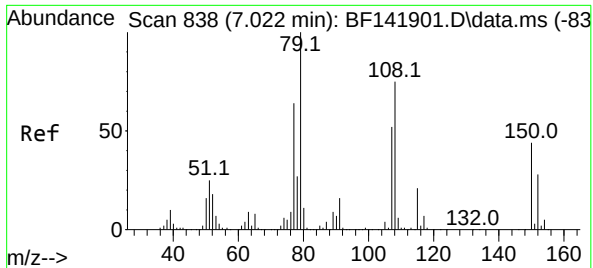
Ion Ratio Lower Upper

146 100

148 63.2 50.8 76.2

111 46.2 38.0 57.0





#15

Benzyl Alcohol

Concen: 20.558 ng

RT: 7.016 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MS

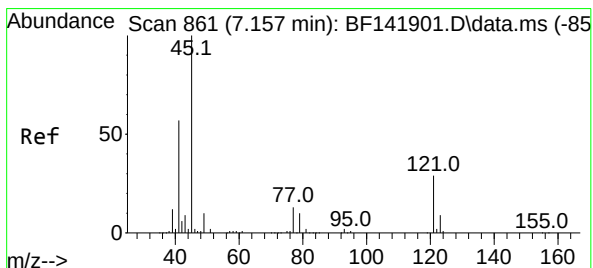
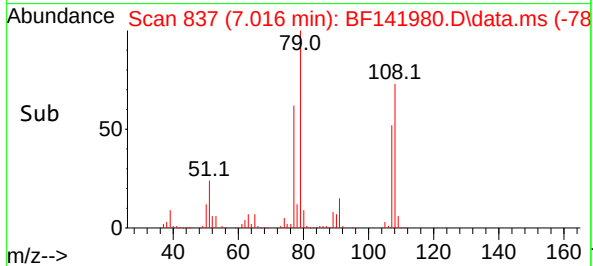
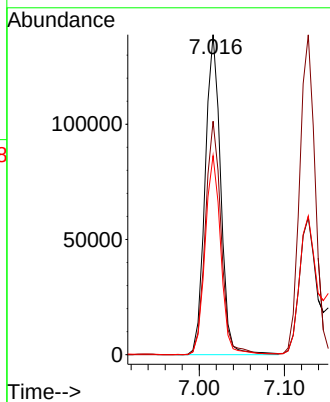
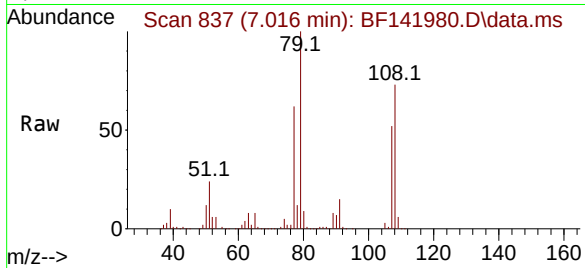
Tgt Ion: 79 Resp: 176222

Ion Ratio Lower Upper

79 100

108 73.0 59.7 89.5

77 62.2 51.0 76.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 20.341 ng

RT: 7.151 min Scan# 860

Delta R.T. -0.006 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

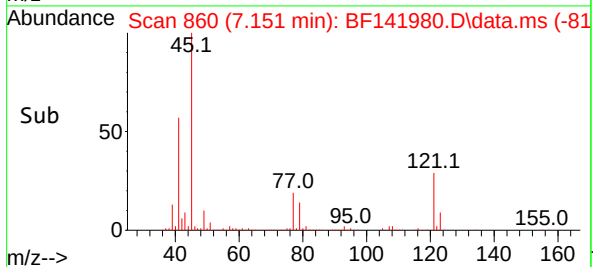
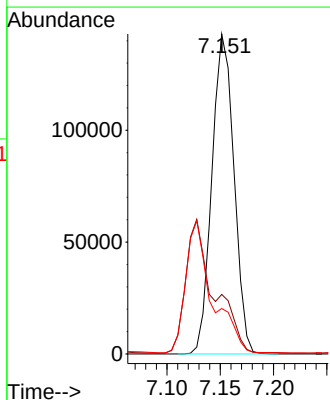
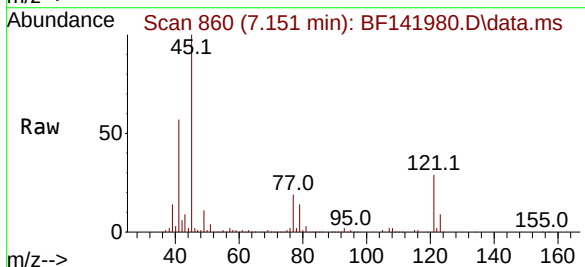
Tgt Ion: 45 Resp: 205690

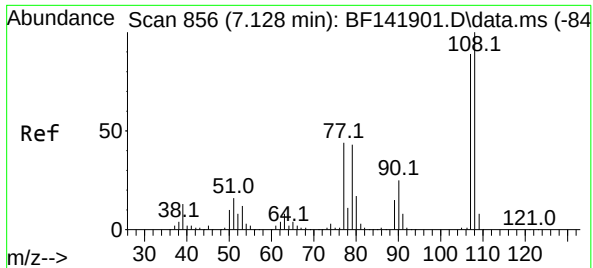
Ion Ratio Lower Upper

45 100

77 18.6 0.0 37.8

79 14.2 0.0 34.2

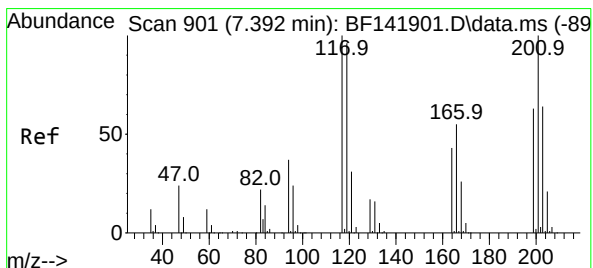
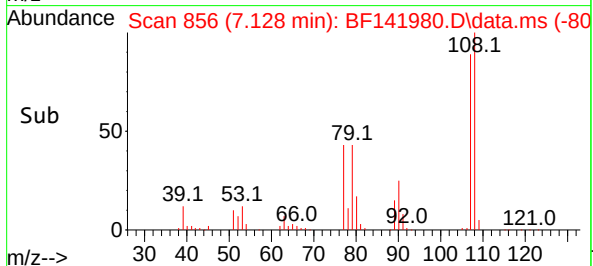
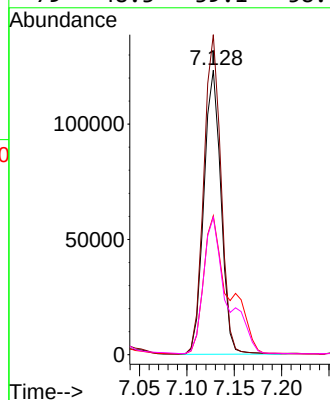
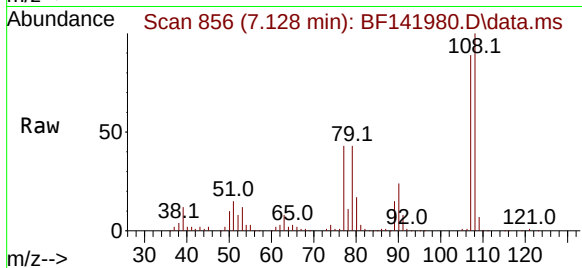




#17
2-Methylphenol
Concen: 21.057 ng
RT: 7.128 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

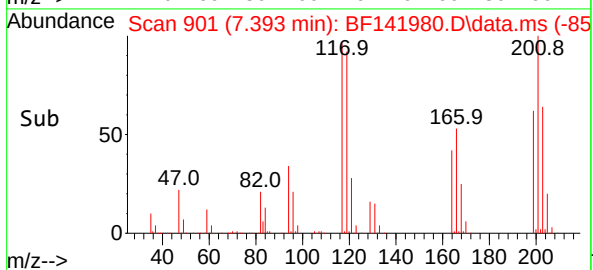
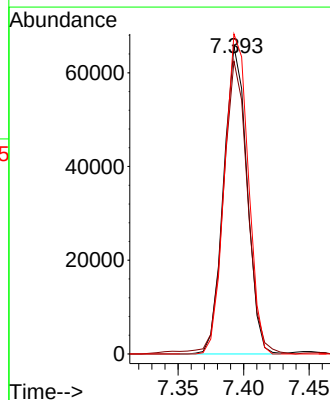
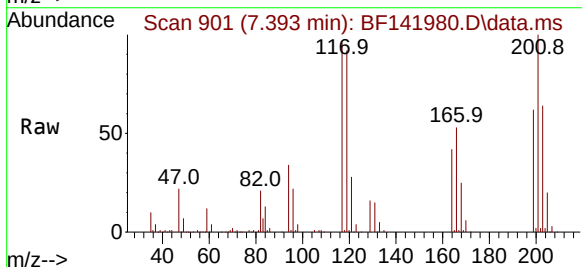
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MS

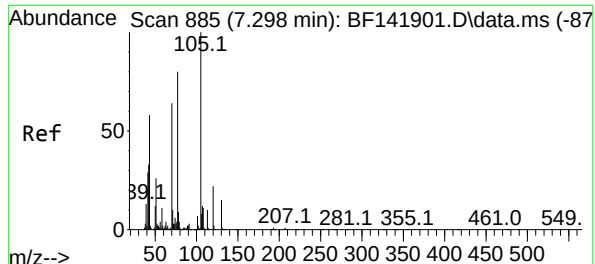
Tgt Ion:	107	Resp:	154631
Ion	Ratio	Lower	Upper
107	100		
108	112.5	90.2	135.2
77	48.8	39.6	59.4
79	48.3	39.1	58.7



#18
Hexachloroethane
Concen: 21.517 ng
RT: 7.393 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

Tgt Ion:	117	Resp:	81405
Ion	Ratio	Lower	Upper
117	100		
119	95.1	76.9	115.3
201	103.9	79.9	119.9





#19

n-Nitroso-di-n-propylamine

Concen: 20.665 ng

RT: 7.287 min Scan# 883

Delta R.T. -0.012 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MS

Tgt Ion: 70 Resp: 140789

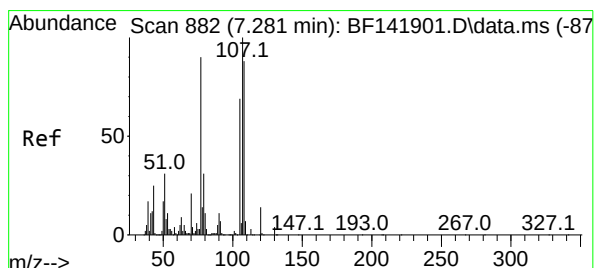
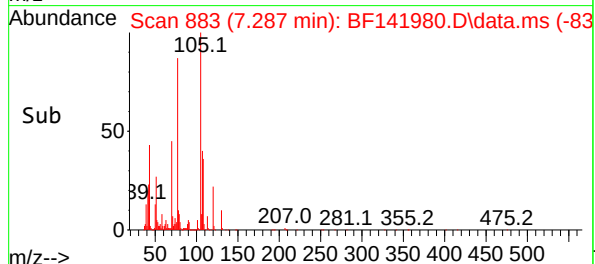
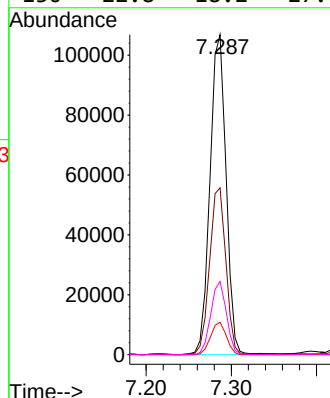
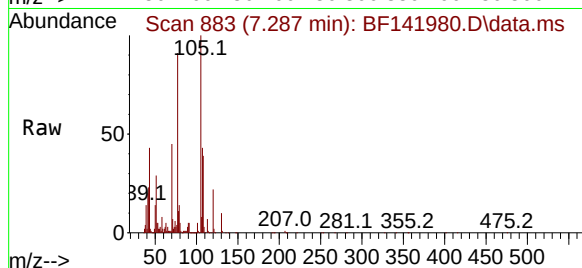
Ion Ratio Lower Upper

70 100

42 52.1 41.4 62.0

101 10.1 8.2 12.2

130 22.8 18.2 27.4



#20

3+4-Methylphenols

Concen: 21.098 ng

RT: 7.281 min Scan# 882

Delta R.T. 0.000 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

Tgt Ion:107 Resp: 198449

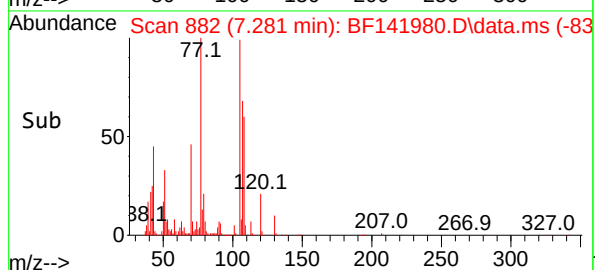
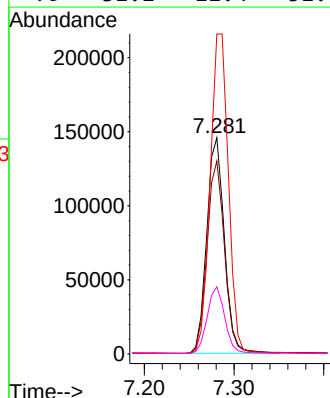
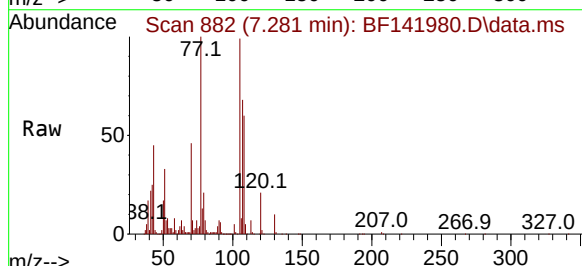
Ion Ratio Lower Upper

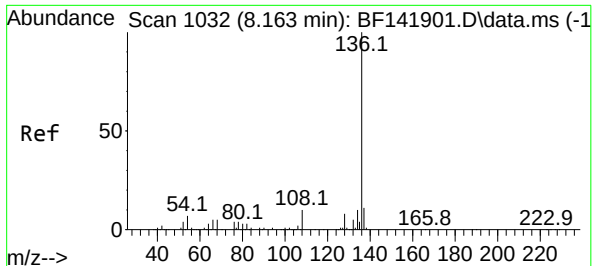
107 100

108 89.2 68.4 108.4

77 148.0 69.7 109.7#

79 31.1 11.4 51.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MS

Tgt Ion:136 Resp: 493410

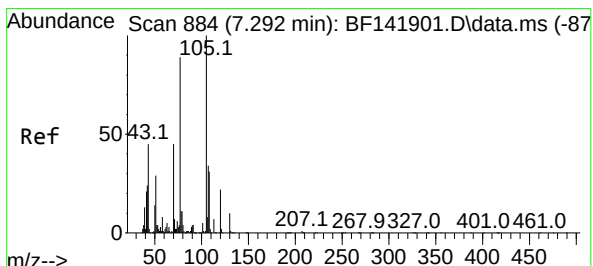
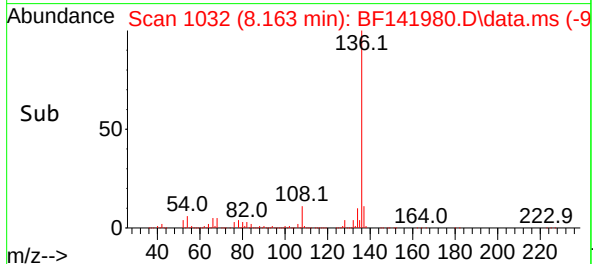
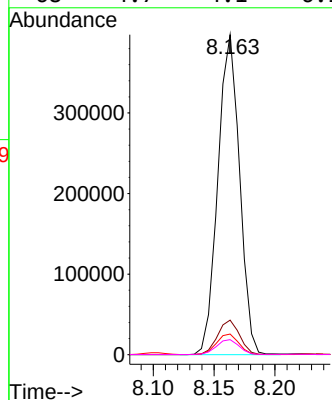
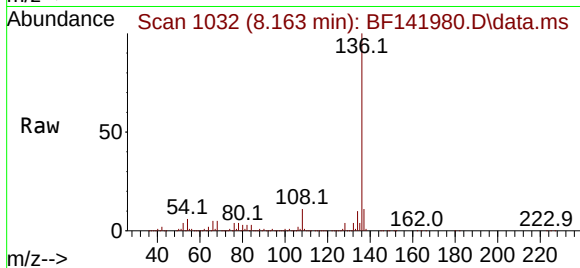
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 6.5 5.8 8.8

68 4.7 4.1 6.1



#22

Acetophenone

Concen: 26.143 ng

RT: 7.287 min Scan# 883

Delta R.T. -0.006 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

Tgt Ion:105 Resp: 308907

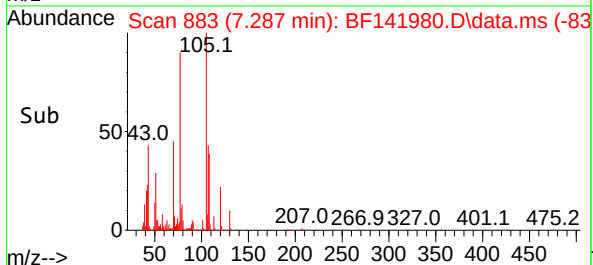
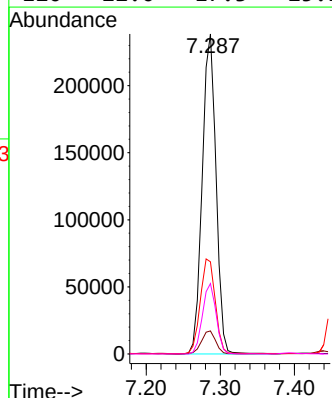
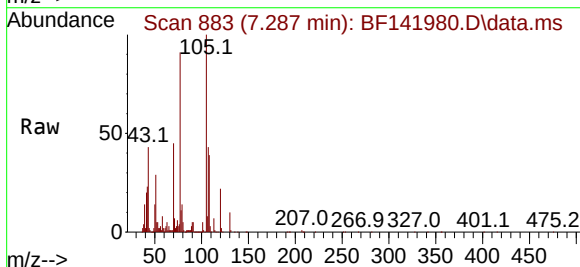
Ion Ratio Lower Upper

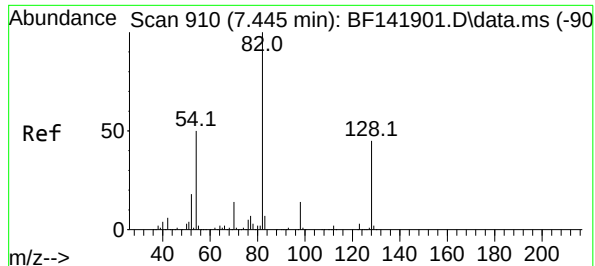
105 100

71 7.2 5.8 8.8

51 28.8 23.4 35.0

120 22.0 17.3 25.9





#23

Nitrobenzene-d5

Concen: 33.261 ng

RT: 7.440 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MS

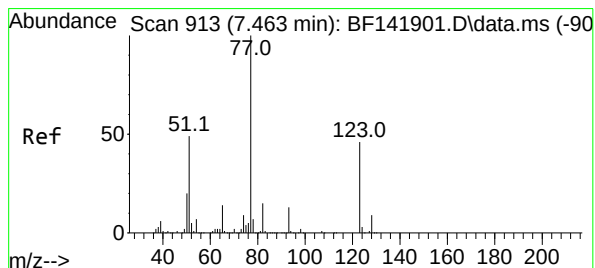
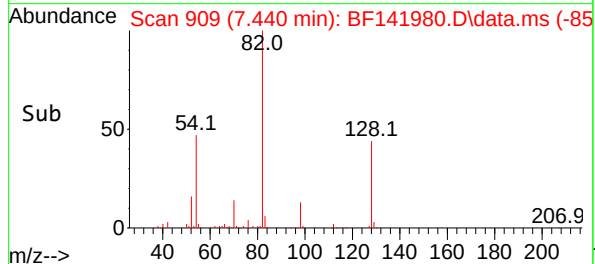
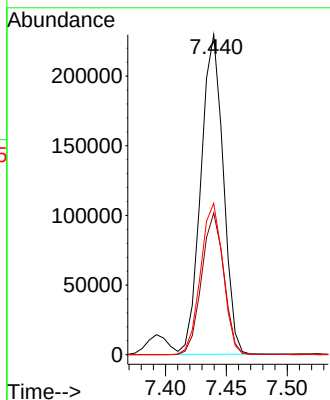
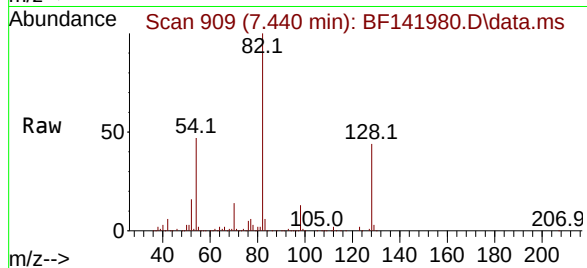
Tgt Ion: 82 Resp: 291625

Ion Ratio Lower Upper

82 100

128 44.3 36.0 54.0

54 47.3 39.6 59.4



#24

Nitrobenzene

Concen: 23.049 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.006 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

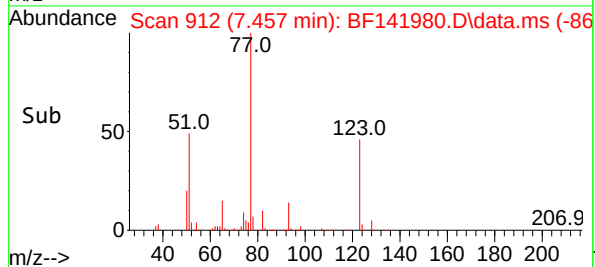
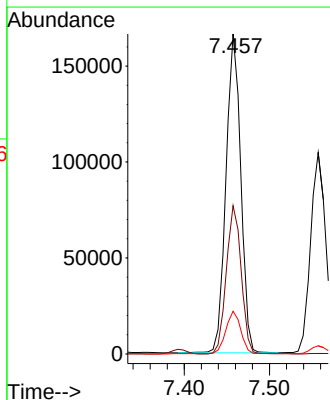
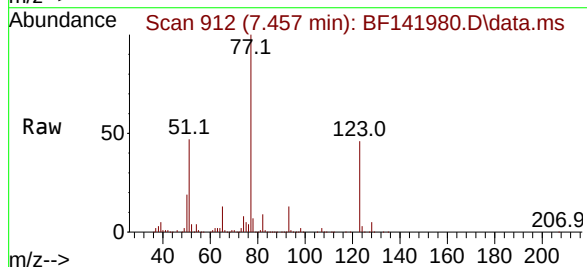
Tgt Ion: 77 Resp: 200900

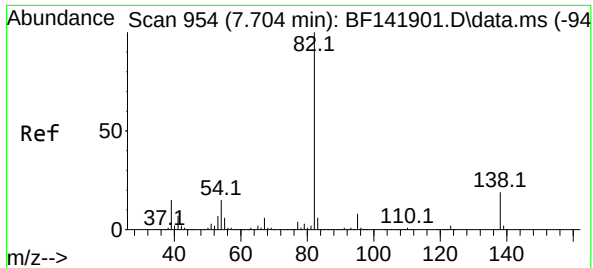
Ion Ratio Lower Upper

77 100

123 46.3 37.0 55.4

65 13.4 11.3 16.9

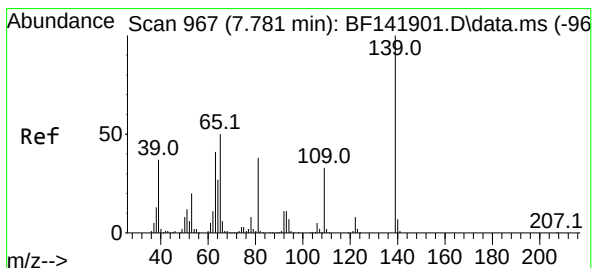
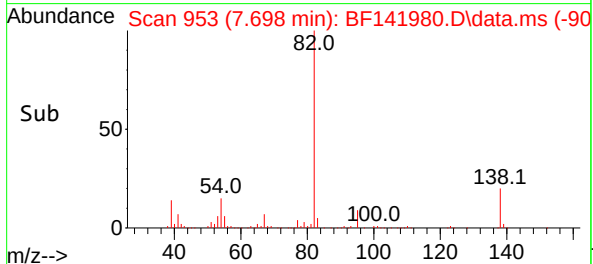
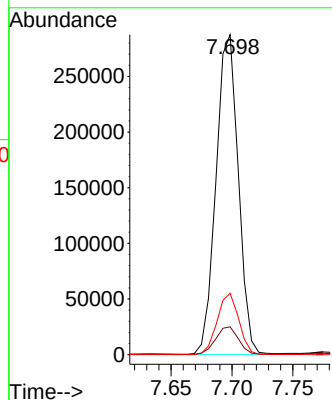
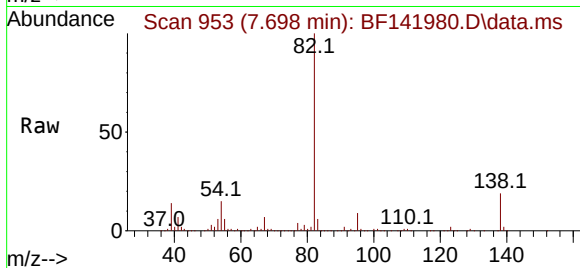




#25
Isophorone
Concen: 23.590 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

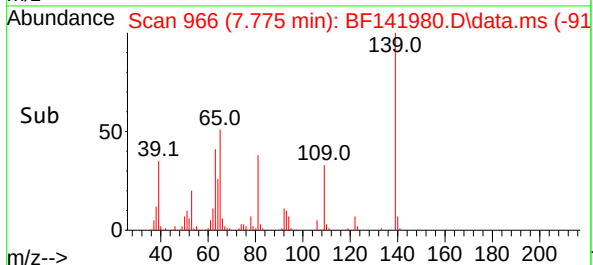
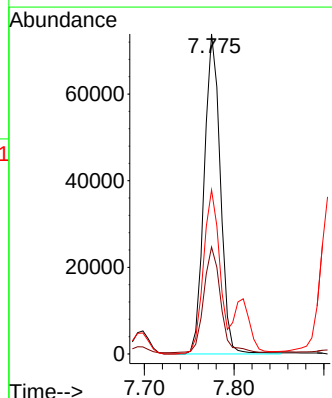
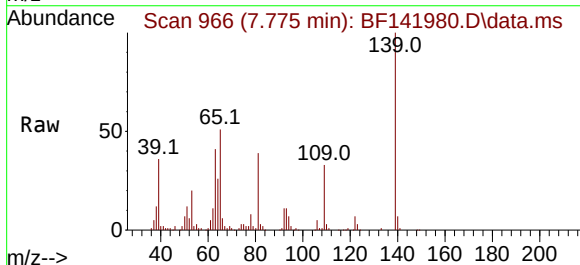
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MS

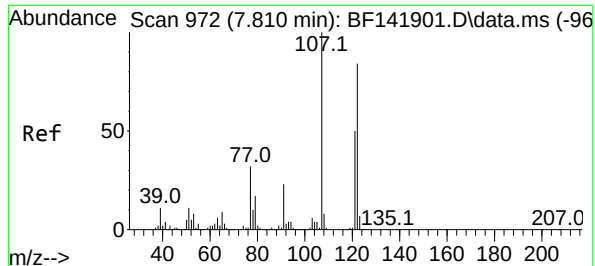
Tgt Ion: 82 Resp: 365609
Ion Ratio Lower Upper
82 100
95 8.7 6.4 9.6
138 19.2 14.9 22.3



#26
2-Nitrophenol
Concen: 21.591 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.006 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

Tgt Ion: 139 Resp: 92364
Ion Ratio Lower Upper
139 100
109 33.4 26.5 39.7
65 51.3 40.3 60.5





#27

2,4-Dimethylphenol

Concen: 27.639 ng

RT: 7.810 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MS

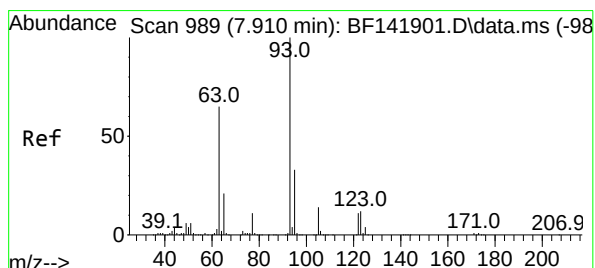
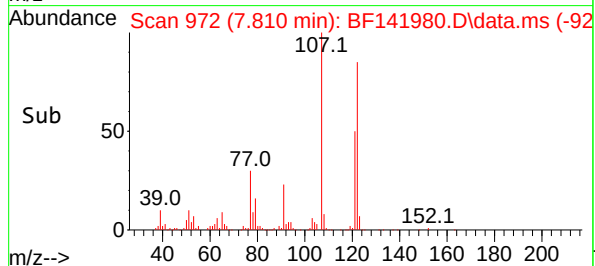
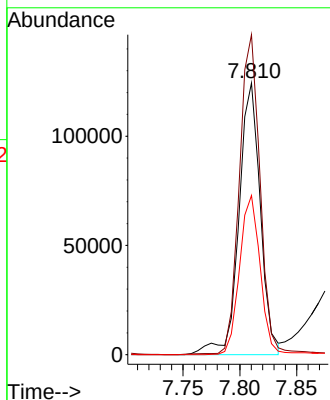
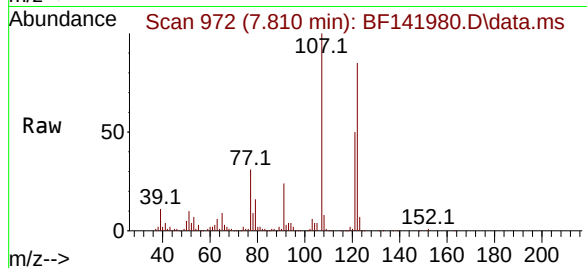
Tgt Ion:122 Resp: 162808

Ion Ratio Lower Upper

122 100

107 117.8 94.8 142.2

121 58.6 47.8 71.6



#28

bis(2-Chloroethoxy)methane

Concen: 22.788 ng

RT: 7.904 min Scan# 988

Delta R.T. -0.006 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

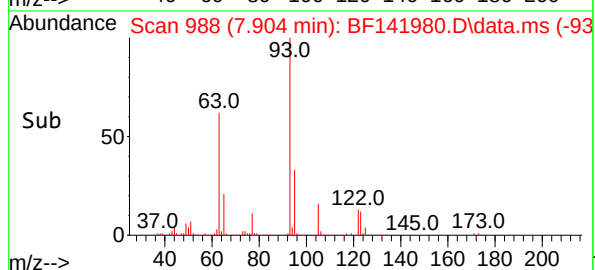
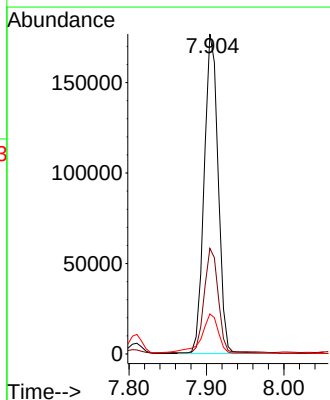
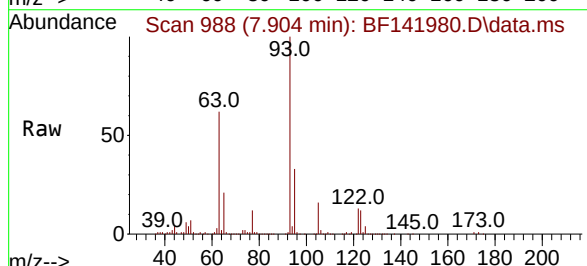
Tgt Ion: 93 Resp: 221519

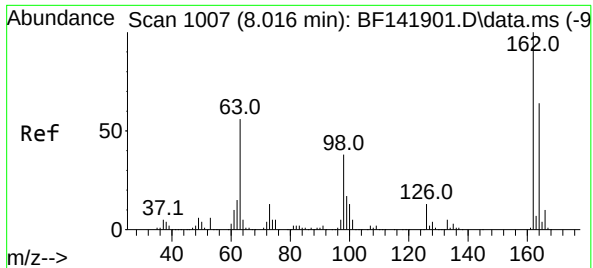
Ion Ratio Lower Upper

93 100

95 33.0 26.6 40.0

123 12.5 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 21.717 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MS

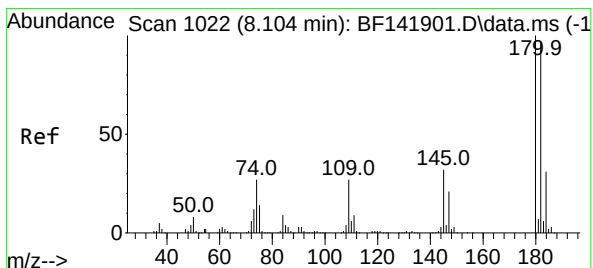
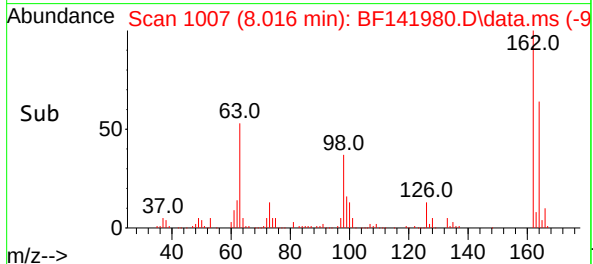
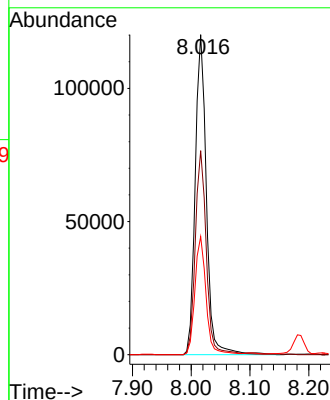
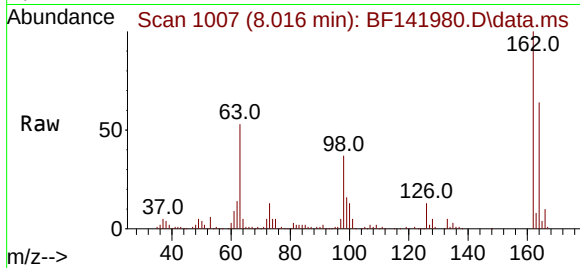
Tgt Ion:162 Resp: 158783

Ion Ratio Lower Upper

162 100

164 63.8 43.8 83.8

98 36.9 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 22.691 ng

RT: 8.104 min Scan# 1022

Delta R.T. 0.000 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

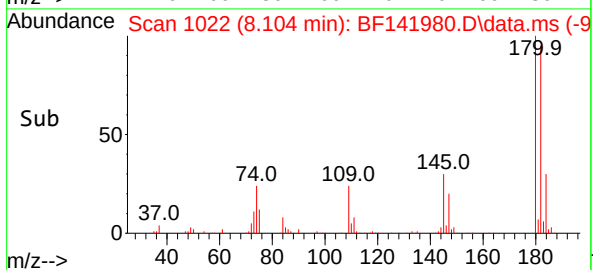
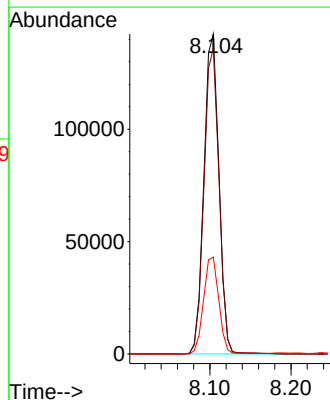
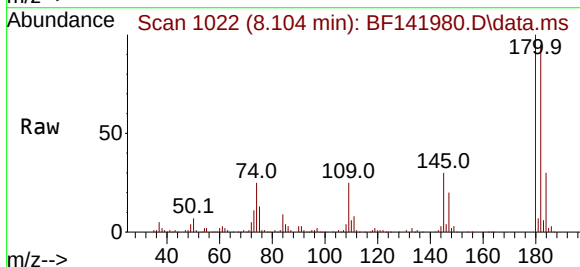
Tgt Ion:180 Resp: 182835

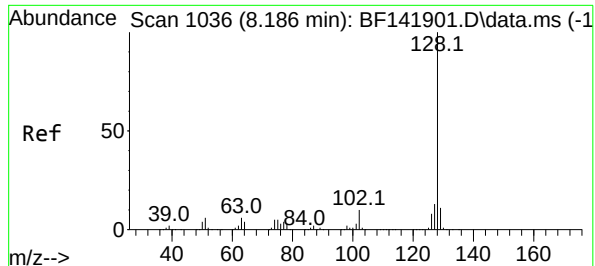
Ion Ratio Lower Upper

180 100

182 95.5 77.5 116.3

145 30.3 25.8 38.6





#31

Naphthalene

Concen: 22.602 ng

RT: 8.187 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MS

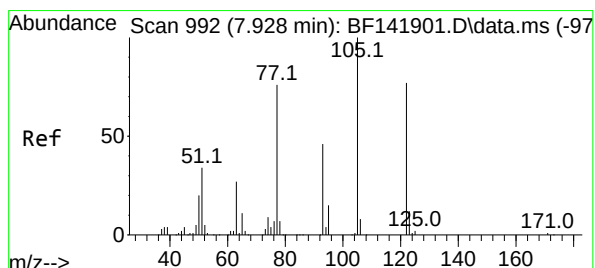
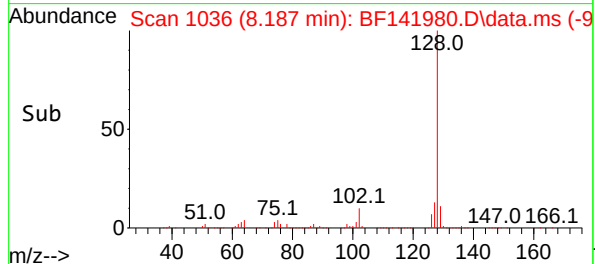
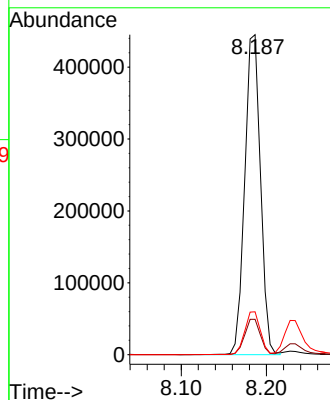
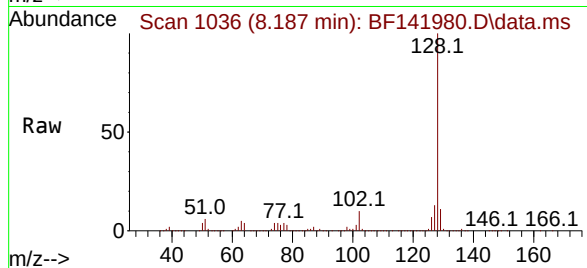
Tgt Ion:128 Resp: 572869

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

127 13.4 10.8 16.2



#32

Benzoic acid

Concen: 21.736 ng

RT: 7.893 min Scan# 986

Delta R.T. -0.035 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

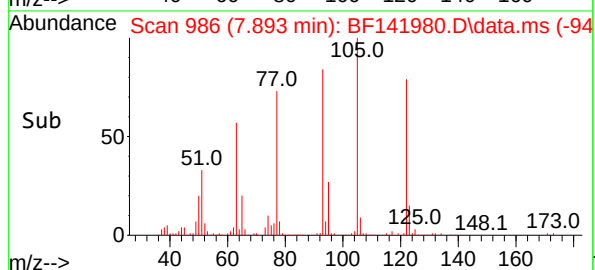
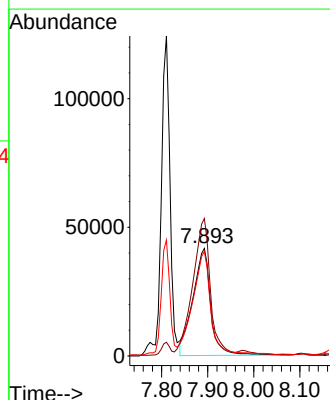
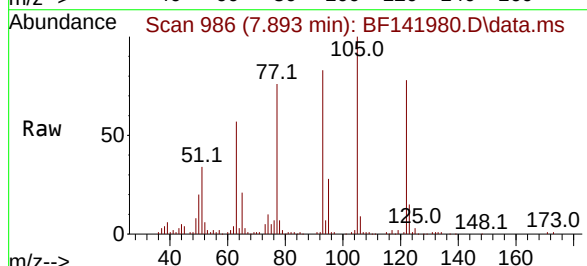
Tgt Ion:122 Resp: 112548

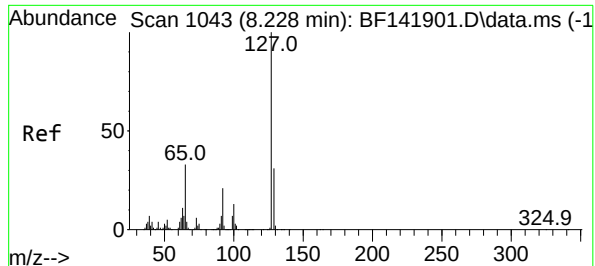
Ion Ratio Lower Upper

122 100

105 127.8 107.9 147.9

77 97.2 79.0 119.0





#33

4-Chloroaniline

Concen: 8.133 ng

RT: 8.228 min Scan# 1043

Delta R.T. 0.000 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MS

Tgt Ion:127 Resp: 72772

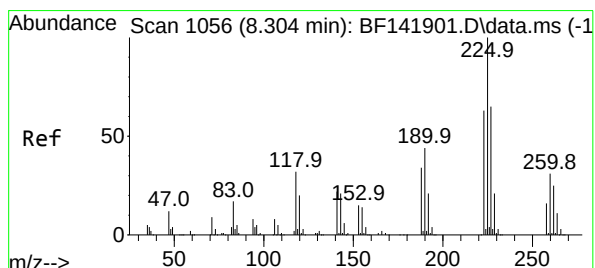
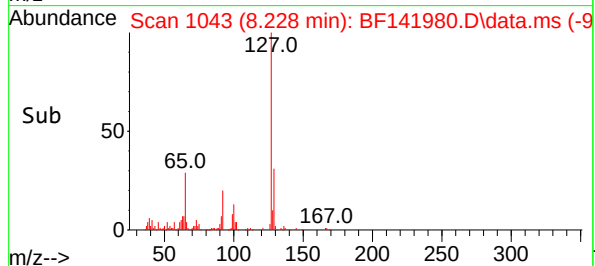
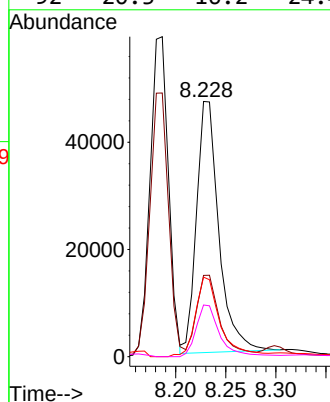
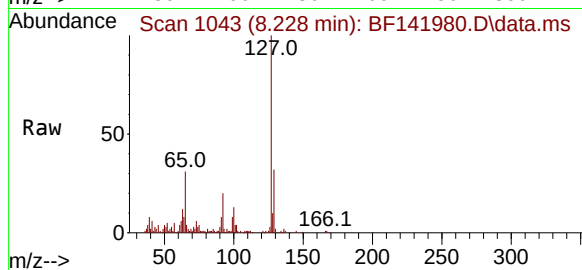
Ion Ratio Lower Upper

127 100

129 31.9 26.2 39.4

65 31.2 25.4 38.2

92 20.3 16.2 24.4



#34

Hexachlorobutadiene

Concen: 24.006 ng

RT: 8.298 min Scan# 1055

Delta R.T. -0.006 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

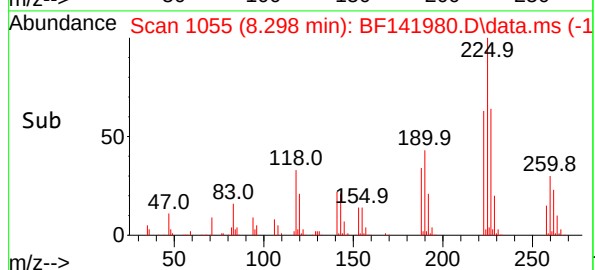
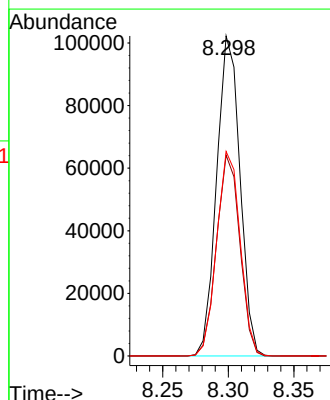
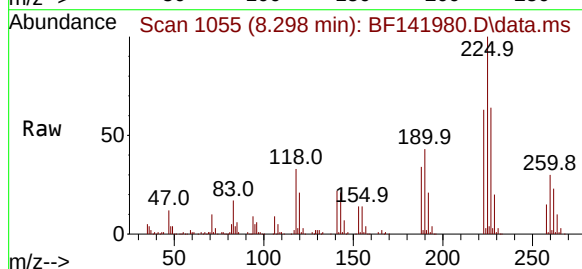
Tgt Ion:225 Resp: 126143

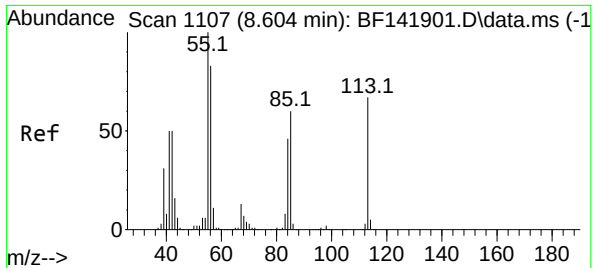
Ion Ratio Lower Upper

225 100

223 62.8 50.6 75.8

227 63.9 52.2 78.2

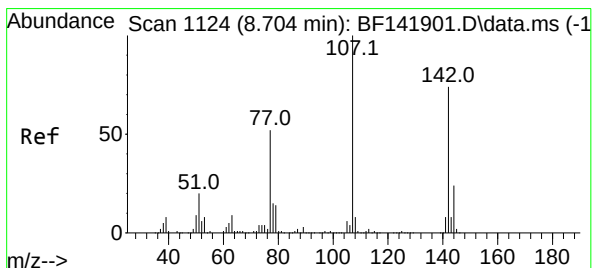
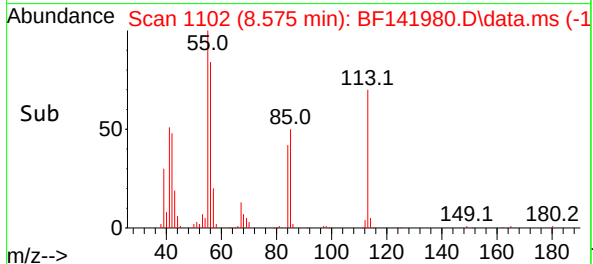
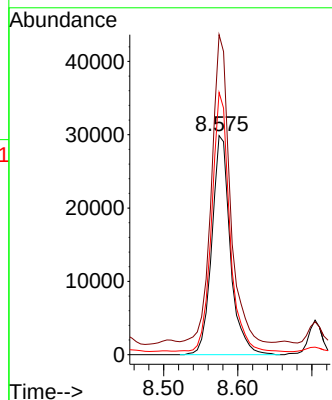
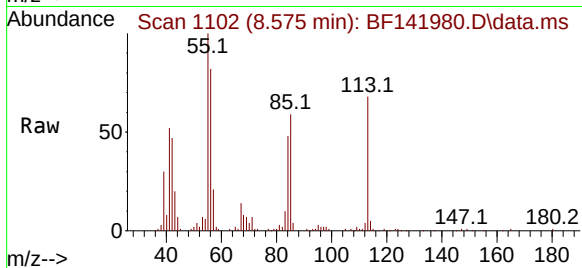




#35
 Caprolactam
 Concen: 23.139 ng
 RT: 8.575 min Scan# 1107
 Delta R.T. -0.029 min
 Lab File: BF141980.D
 Acq: 17 Mar 2025 14:30

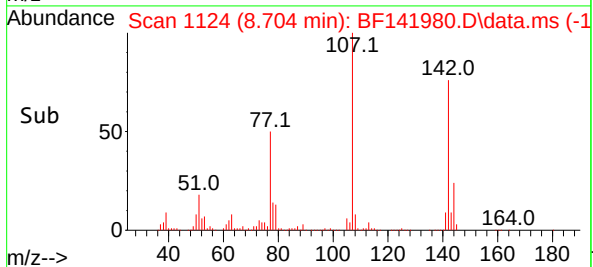
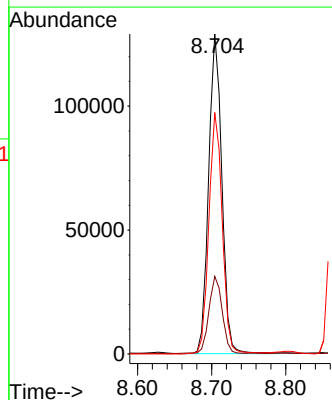
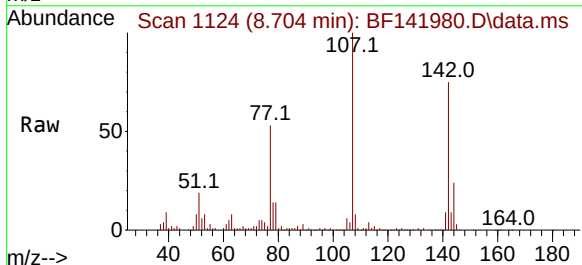
Instrument :
 BNA_F
 ClientSampleId :
 OK-02-03142025MS

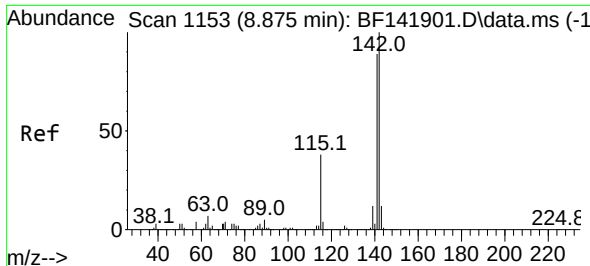
Tgt Ion:113 Resp: 51580
 Ion Ratio Lower Upper
 113 100
 55 146.0 129.6 169.6
 56 119.7 104.0 144.0



#36
 4-Chloro-3-methylphenol
 Concen: 19.630 ng
 RT: 8.704 min Scan# 1124
 Delta R.T. 0.000 min
 Lab File: BF141980.D
 Acq: 17 Mar 2025 14:30

Tgt Ion:107 Resp: 160103
 Ion Ratio Lower Upper
 107 100
 144 24.3 19.0 28.6
 142 75.5 59.2 88.8





#37

2-Methylnaphthalene

Concen: 20.933 ng

RT: 8.875 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

Instrument :

BNA_F

ClientSampleId :

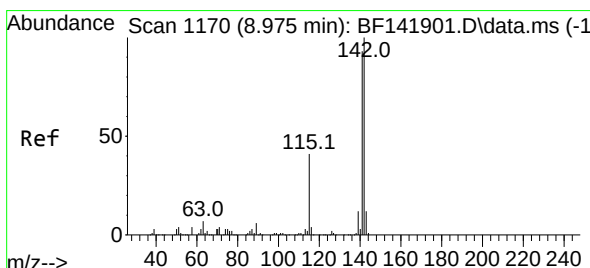
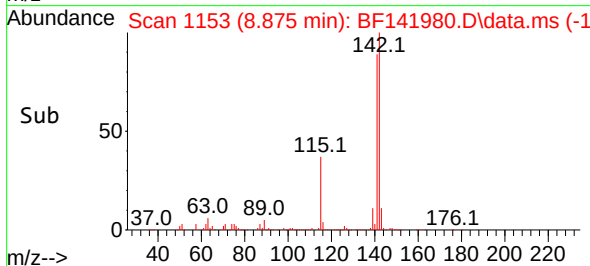
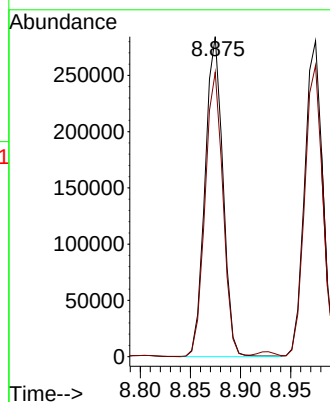
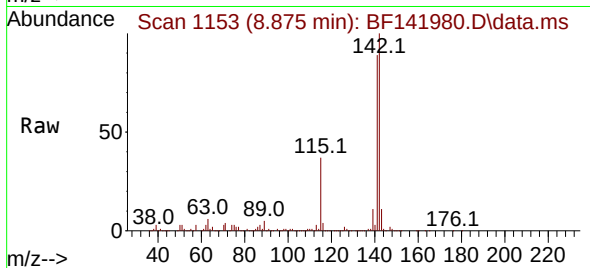
OK-02-03142025MS

Tgt Ion:142 Resp: 354626

Ion Ratio Lower Upper

142 100

141 88.9 71.2 106.8



#38

1-Methylnaphthalene

Concen: 21.204 ng

RT: 8.975 min Scan# 1170

Delta R.T. 0.000 min

Lab File: BF141980.D

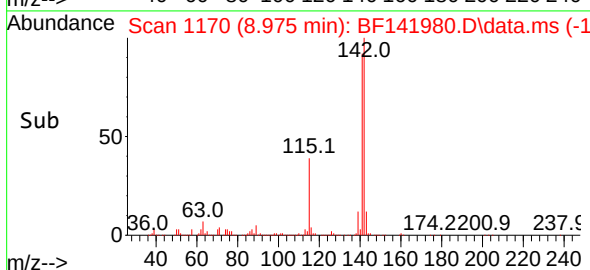
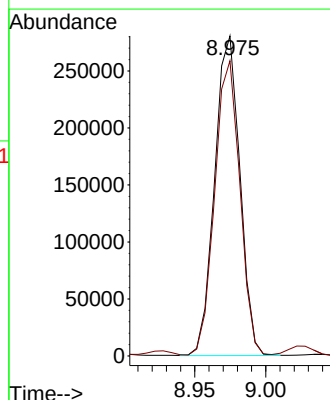
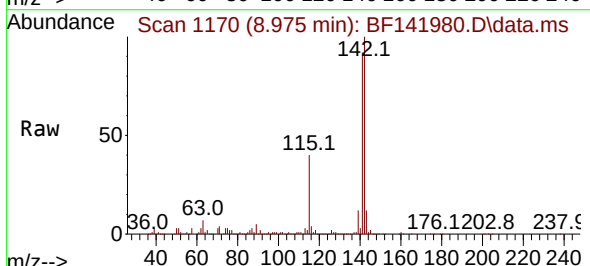
Acq: 17 Mar 2025 14:30

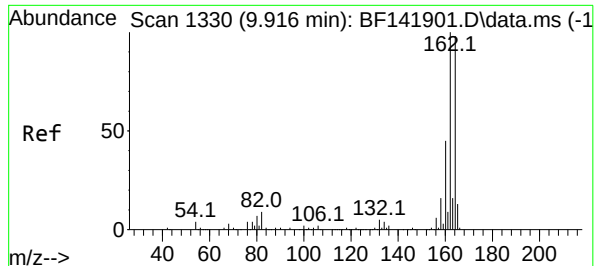
Tgt Ion:142 Resp: 346641

Ion Ratio Lower Upper

142 100

141 92.2 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MS

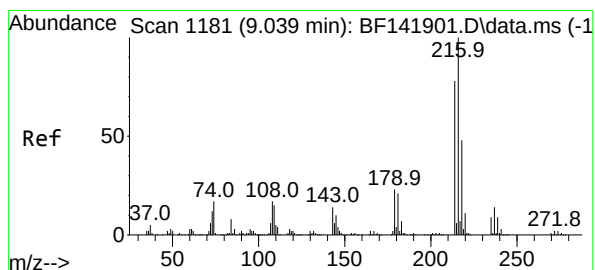
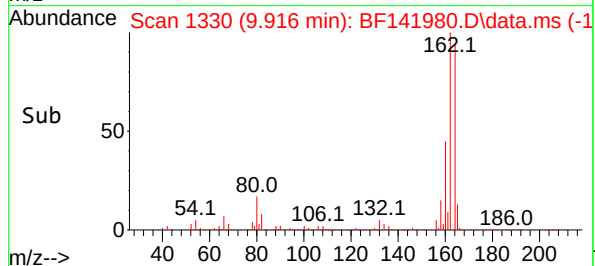
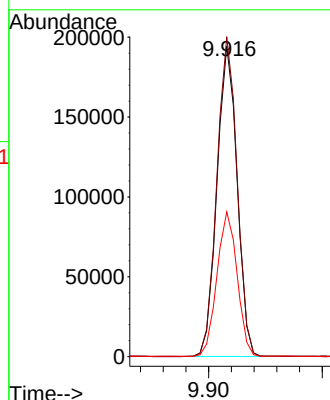
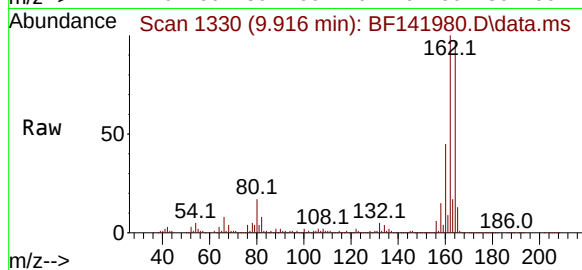
Tgt Ion:164 Resp: 238972

Ion Ratio Lower Upper

164 100

162 103.0 81.8 122.6

160 46.6 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 26.968 ng

RT: 9.040 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

Tgt Ion:216 Resp: 196214

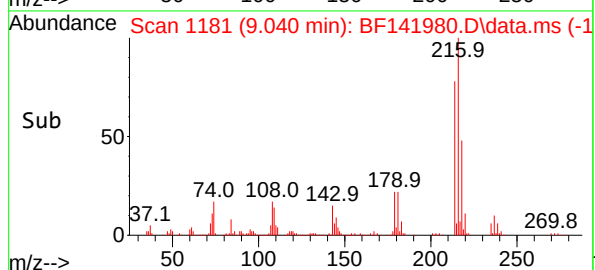
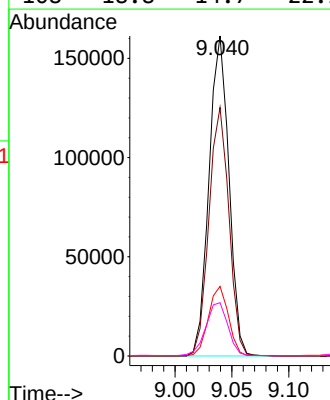
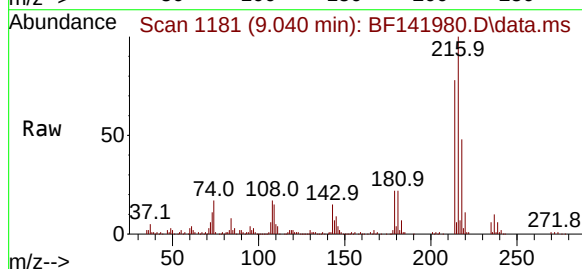
Ion Ratio Lower Upper

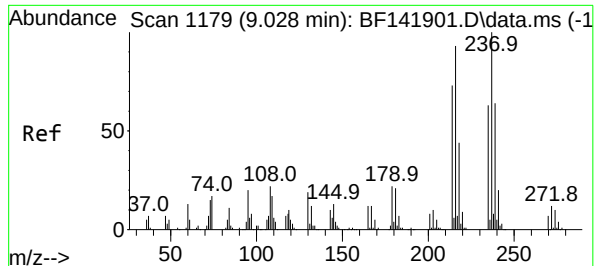
216 100

214 77.9 61.9 92.9

179 21.6 18.1 27.1

108 18.8 14.7 22.1





#41

Hexachlorocyclopentadiene

Concen: 31.285 ng

RT: 9.028 min Scan# 1179

Delta R.T. 0.000 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MS

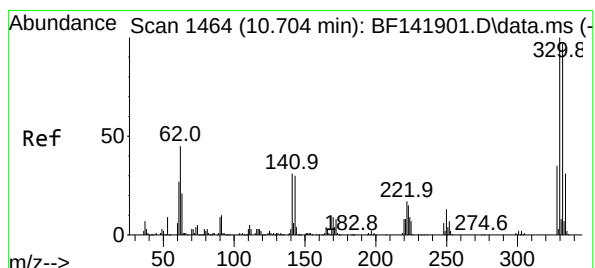
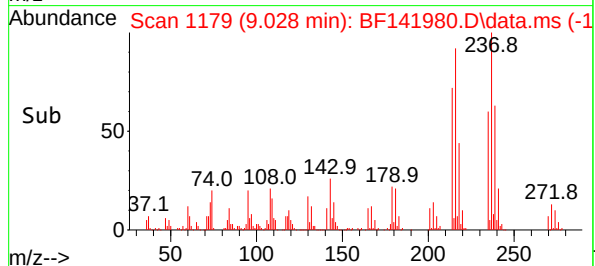
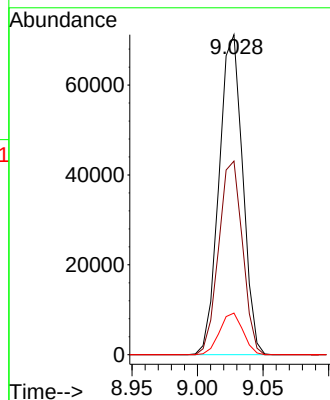
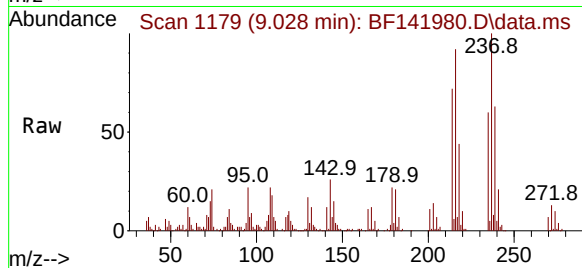
Tgt Ion:237 Resp: 89081

Ion Ratio Lower Upper

237 100

235 60.5 43.1 83.1

272 13.0 0.0 32.0



#42

2,4,6-Tribromophenol

Concen: 44.964 ng

RT: 10.704 min Scan# 1464

Delta R.T. 0.000 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

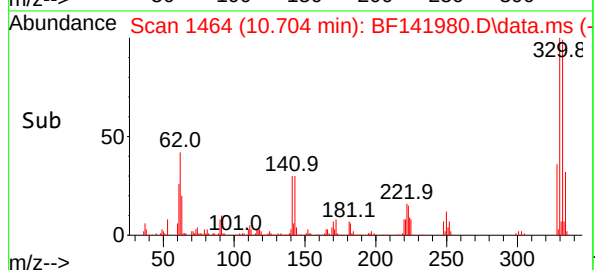
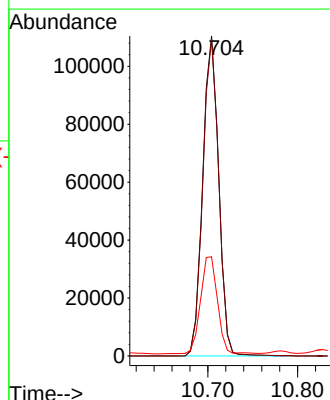
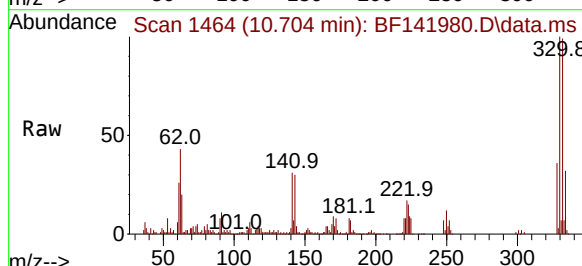
Tgt Ion:330 Resp: 136315

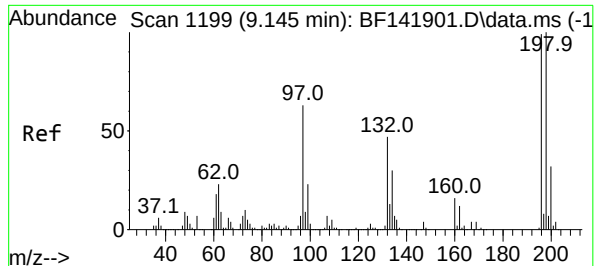
Ion Ratio Lower Upper

330 100

332 98.9 77.6 116.4

141 32.2 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 23.251 ng

RT: 9.151 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MS

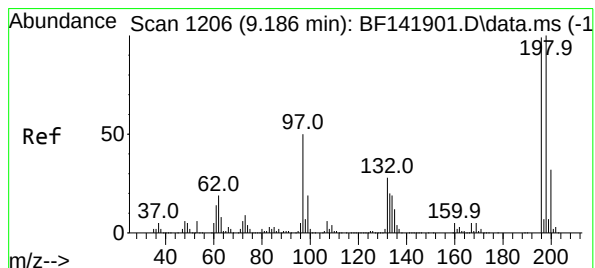
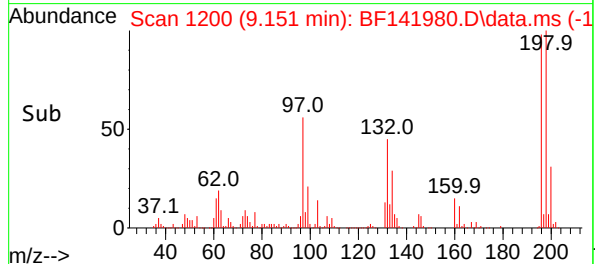
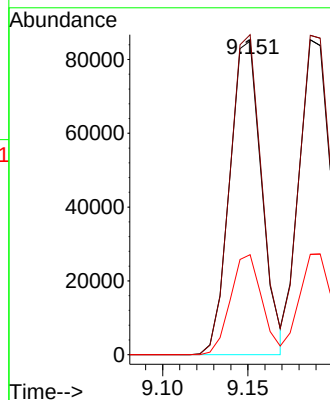
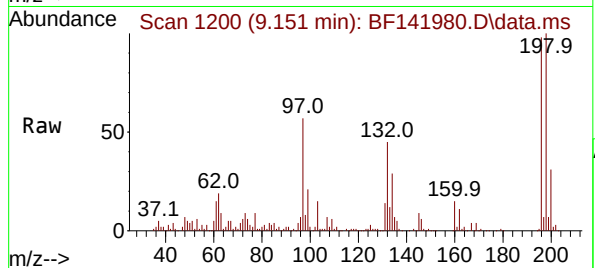
Tgt Ion:196 Resp: 110558

Ion Ratio Lower Upper

196 100

198 102.0 80.6 121.0

200 31.9 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 23.467 ng

RT: 9.187 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

Tgt Ion:196 Resp: 113013

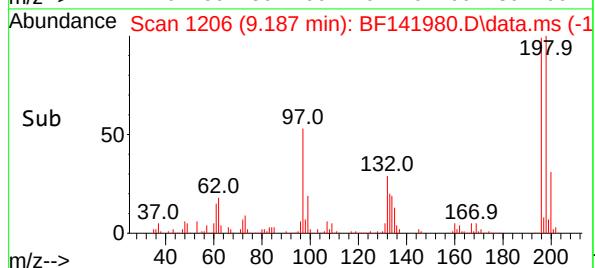
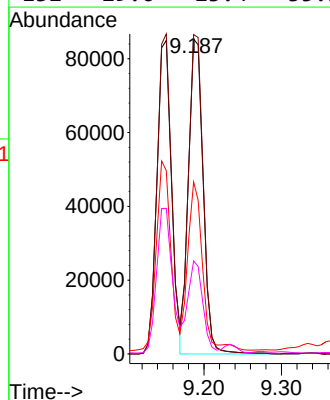
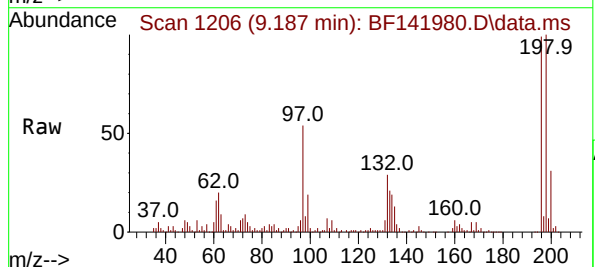
Ion Ratio Lower Upper

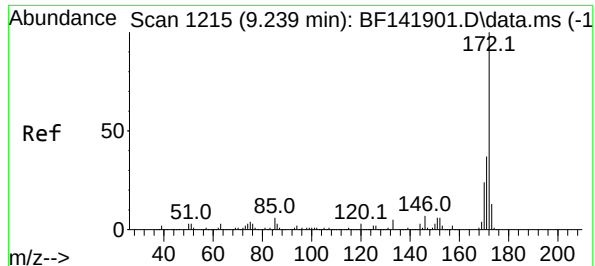
196 100

198 101.4 80.7 121.1

97 54.6 42.1 63.1

132 29.6 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 36.636 ng

RT: 9.234 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MS

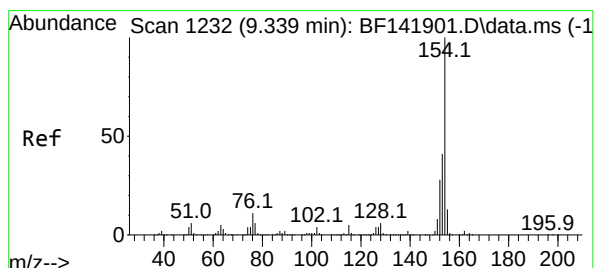
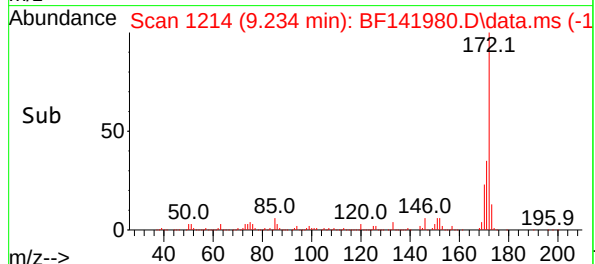
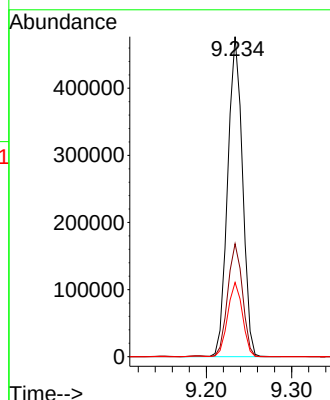
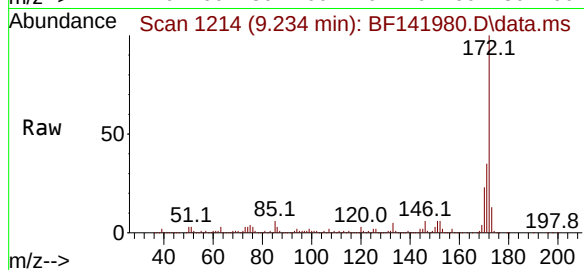
Tgt Ion:172 Resp: 575675

Ion Ratio Lower Upper

172 100

171 35.3 29.3 43.9

170 23.2 19.4 29.0



#46

1,1'-Biphenyl

Concen: 26.925 ng

RT: 9.334 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

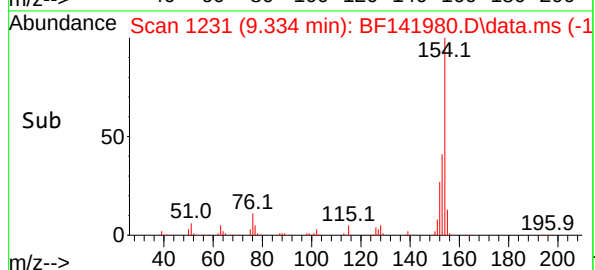
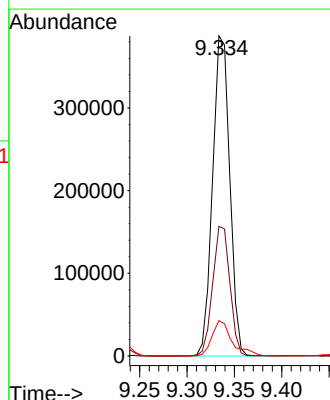
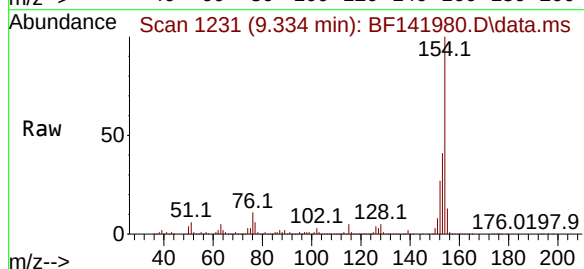
Tgt Ion:154 Resp: 488892

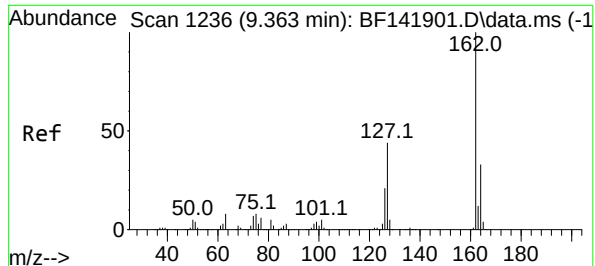
Ion Ratio Lower Upper

154 100

153 40.5 21.1 61.1

76 11.0 0.0 31.3





#47

2-Chloronaphthalene

Concen: 23.561 ng

RT: 9.363 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MS

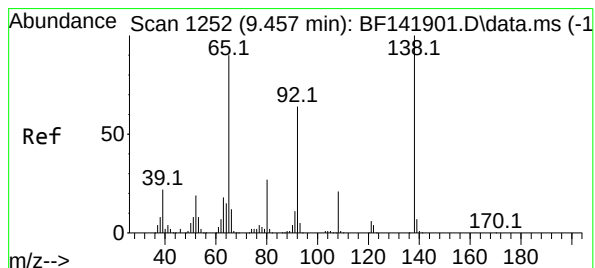
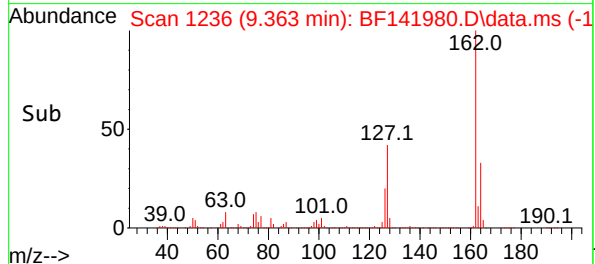
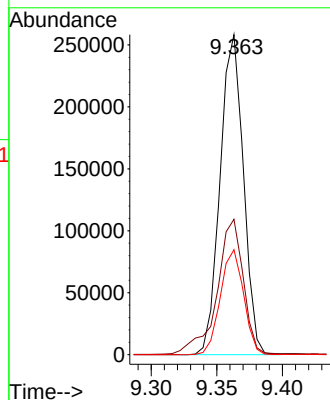
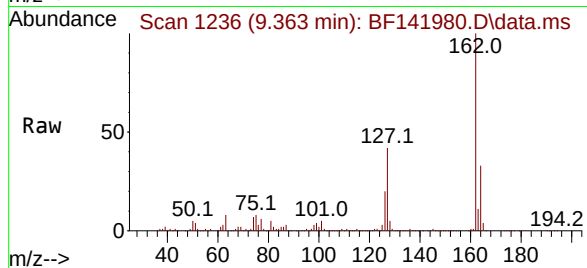
Tgt Ion:162 Resp: 318869

Ion Ratio Lower Upper

162 100

127 42.3 35.5 53.3

164 32.8 26.6 40.0



#48

2-Nitroaniline

Concen: 23.855 ng

RT: 9.451 min Scan# 1251

Delta R.T. -0.006 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

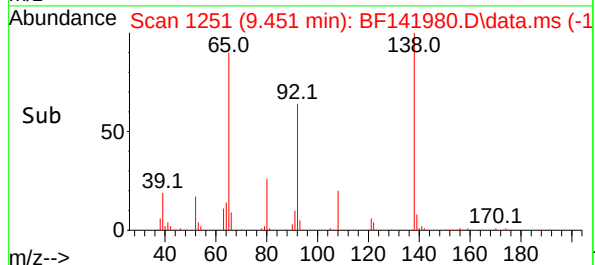
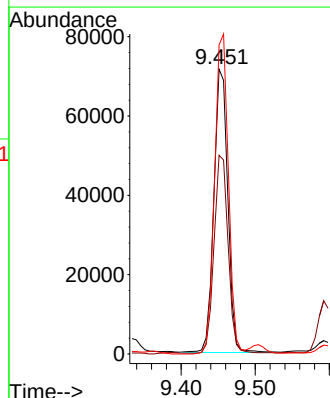
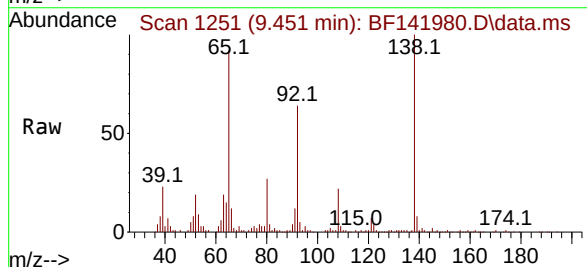
Tgt Ion: 65 Resp: 93476

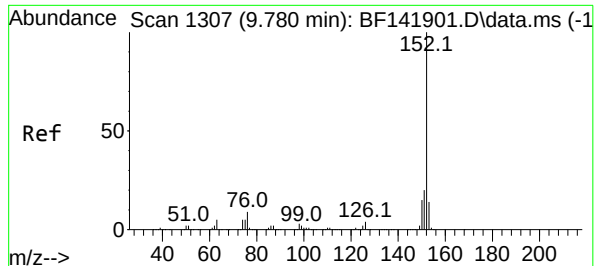
Ion Ratio Lower Upper

65 100

92 69.8 56.6 84.8

138 108.5 88.6 133.0





#49

Acenaphthylene

Concen: 26.360 ng

RT: 9.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

Instrument :

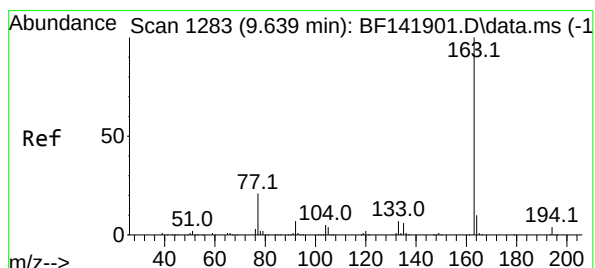
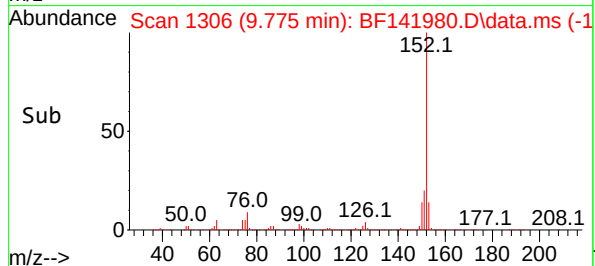
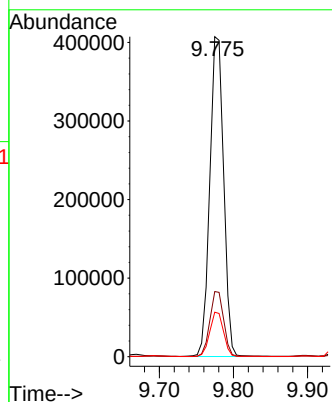
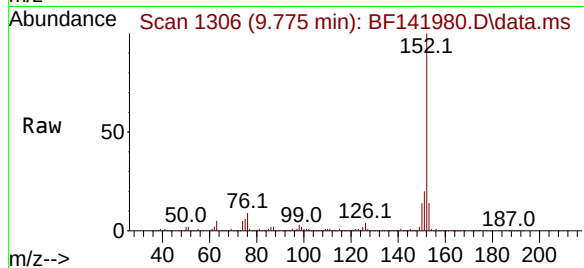
BNA_F

ClientSampleId :

OK-02-03142025MS

Tgt Ion:152 Resp: 529391

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.9	11.1	16.7



#50

Dimethylphthalate

Concen: 23.940 ng

RT: 9.634 min Scan# 1282

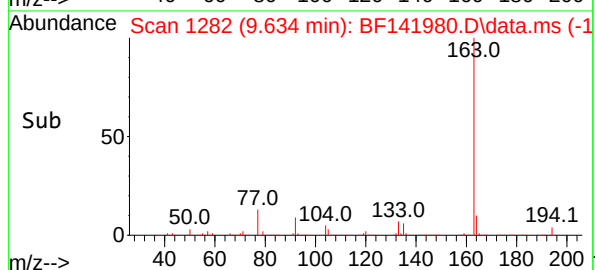
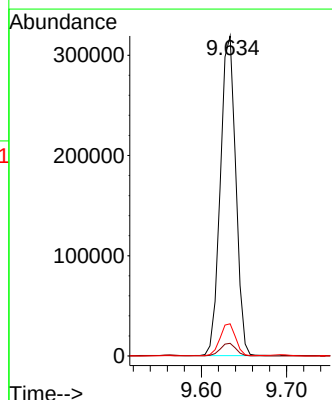
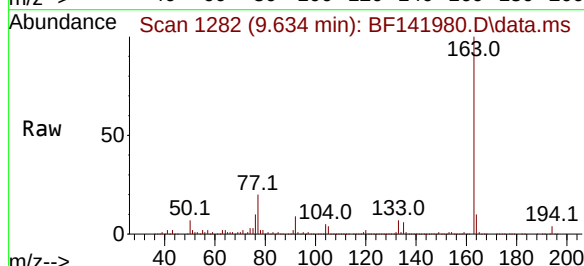
Delta R.T. -0.006 min

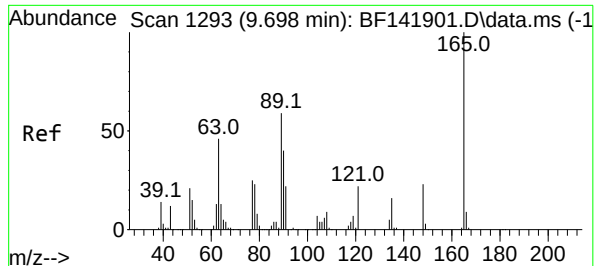
Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

Tgt Ion:163 Resp: 400627

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.1	4.7
164	10.1	8.2	12.4





#51

2,6-Dinitrotoluene

Concen: 22.379 ng

RT: 9.692 min Scan# 1293

Delta R.T. -0.006 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MS

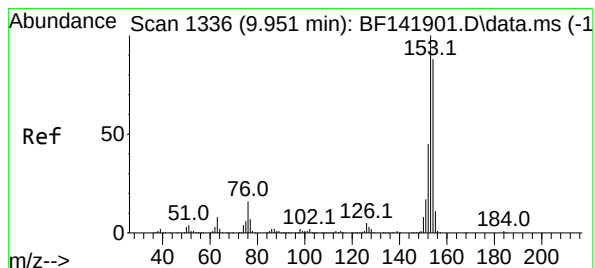
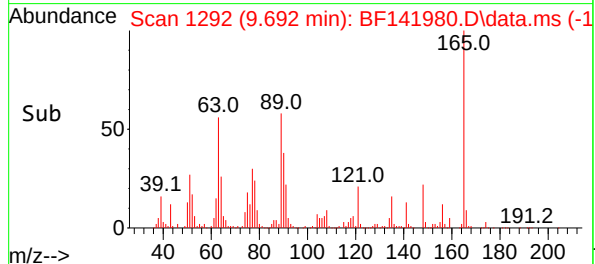
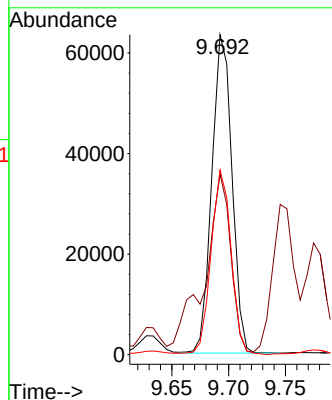
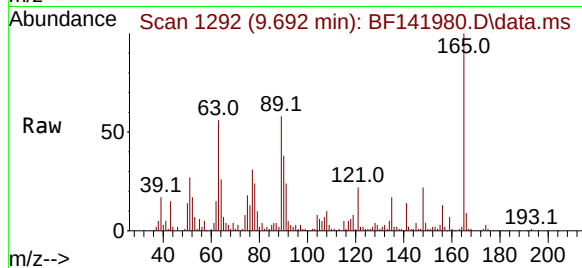
Tgt Ion:165 Resp: 77976

Ion Ratio Lower Upper

165 100

63 56.3 47.0 70.4

89 57.7 47.4 71.2



#52

Acenaphthene

Concen: 23.801 ng

RT: 9.951 min Scan# 1336

Delta R.T. 0.000 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

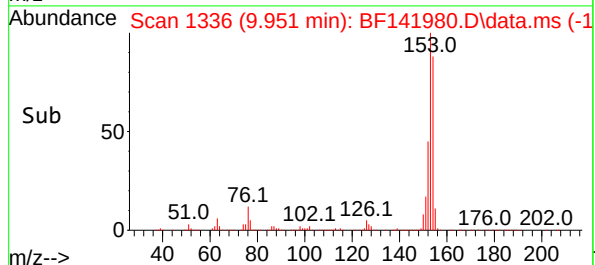
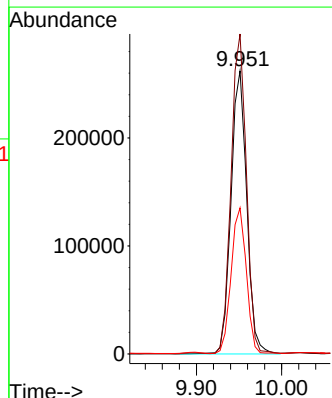
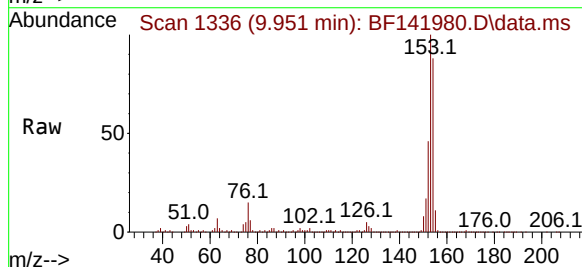
Tgt Ion:154 Resp: 335924

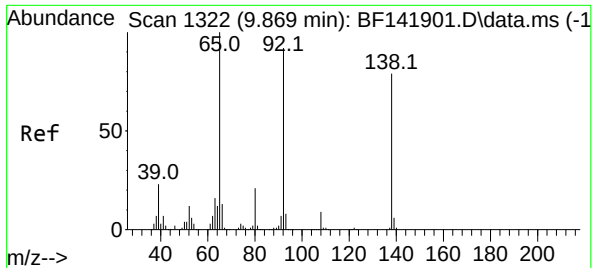
Ion Ratio Lower Upper

154 100

153 113.0 90.7 136.1

152 51.6 41.1 61.7

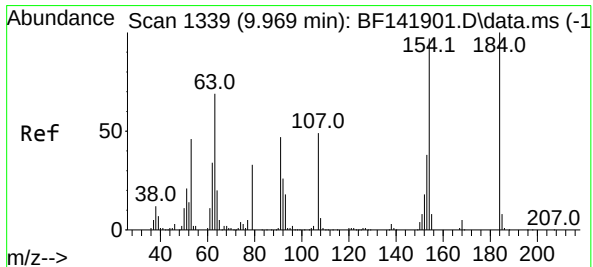
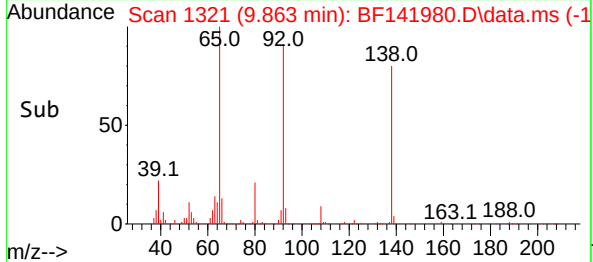
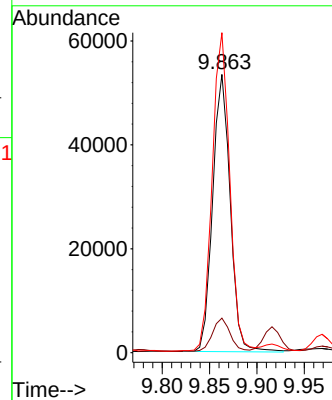
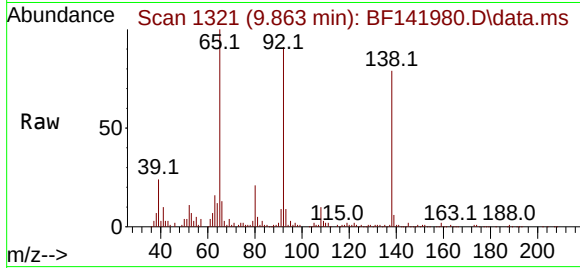




#53
3-Nitroaniline
Concen: 19.400 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

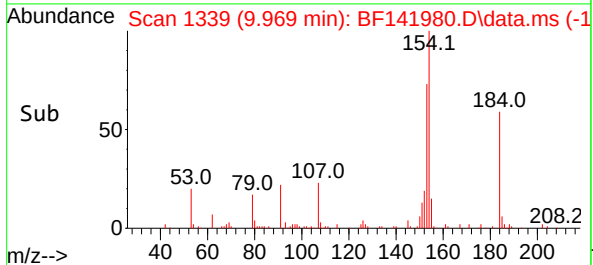
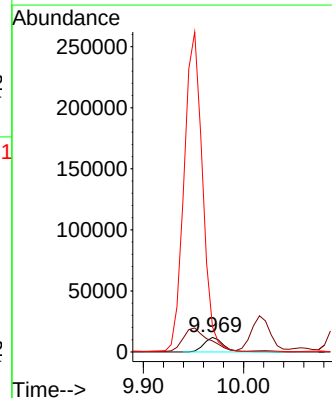
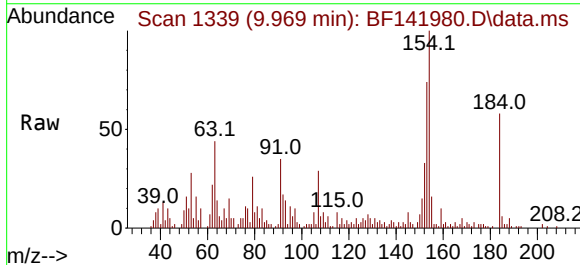
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MS

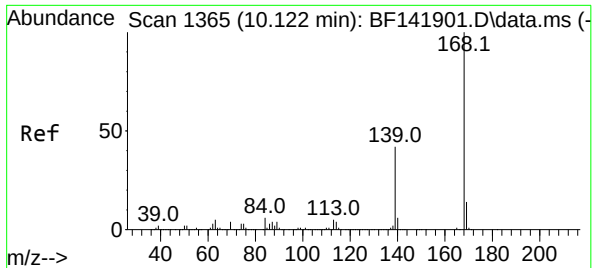
Tgt Ion:138 Resp: 68567
Ion Ratio Lower Upper
138 100
108 12.4 9.3 13.9
92 115.0 93.5 140.3



#54
2,4-Dinitrophenol
Concen: 14.017 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

Tgt Ion:184 Resp: 16055
Ion Ratio Lower Upper
184 100
63 74.9 60.2 90.4
154 171.2 132.9 199.3





#55

Dibenzenofuran

Concen: 23.075 ng

RT: 10.122 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MS

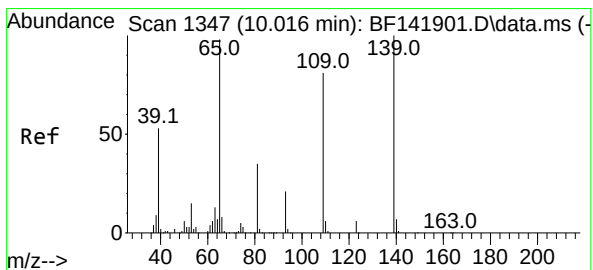
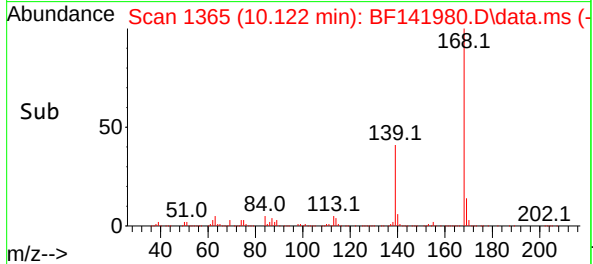
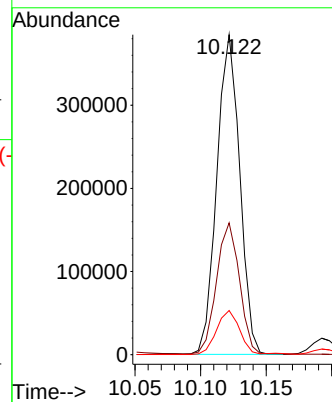
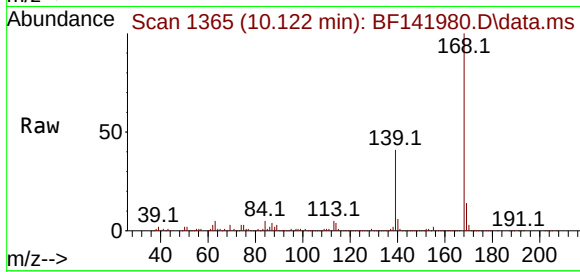
Tgt Ion:168 Resp: 465340

Ion Ratio Lower Upper

168 100

139 41.2 33.9 50.9

169 13.8 11.0 16.4



#56

4-Nitrophenol

Concen: 50.312 ng

RT: 10.016 min Scan# 1347

Delta R.T. 0.000 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

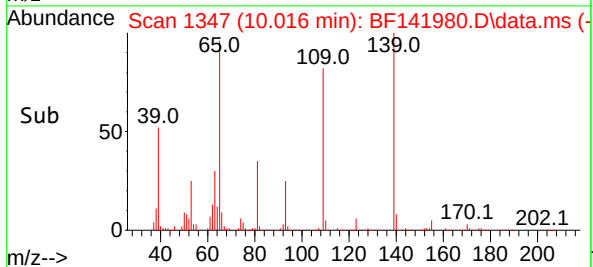
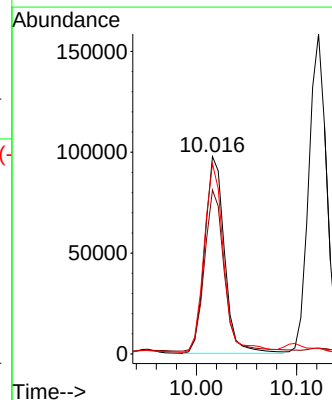
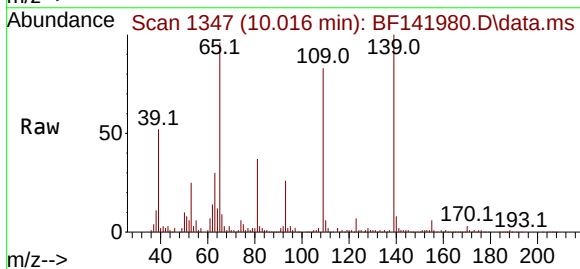
Tgt Ion:139 Resp: 134101

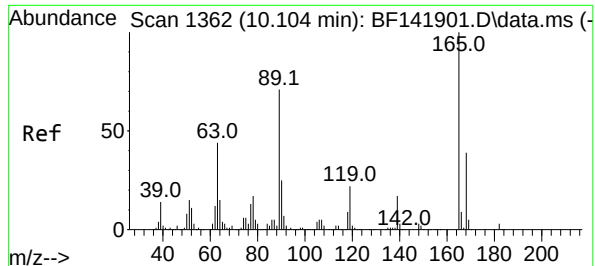
Ion Ratio Lower Upper

139 100

109 83.1 61.6 101.6

65 96.3 79.4 119.4





#57

2,4-Dinitrotoluene

Concen: 22.391 ng

RT: 10.098 min Scan# 1361

Delta R.T. -0.006 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MS

Tgt Ion:165 Resp: 101899

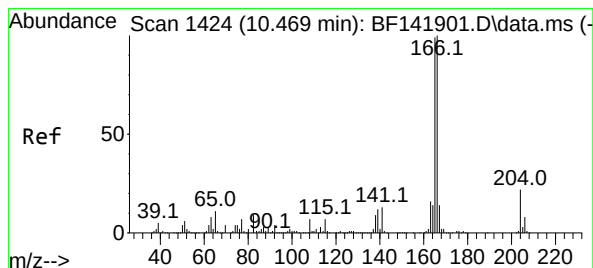
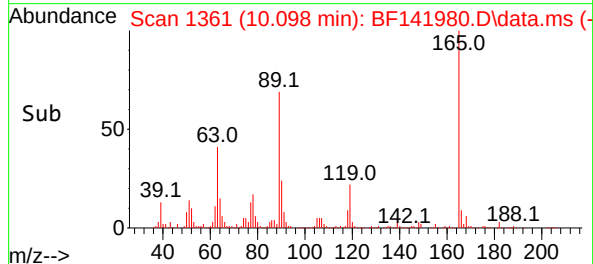
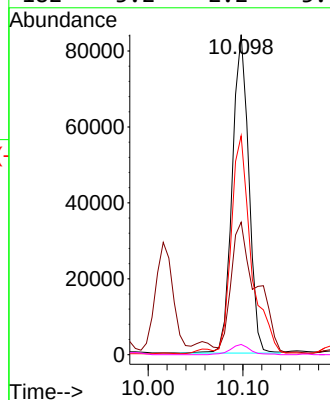
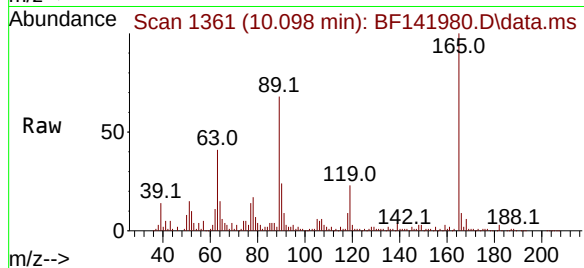
Ion Ratio Lower Upper

165 100

63 41.4 35.4 53.2

89 68.4 56.6 84.8

182 3.2 2.2 3.4



#58

Fluorene

Concen: 25.538 ng

RT: 10.463 min Scan# 1423

Delta R.T. -0.006 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

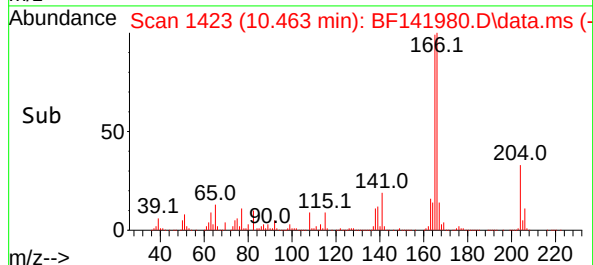
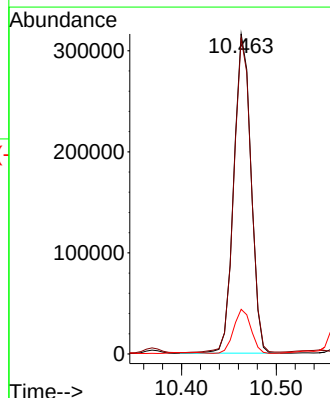
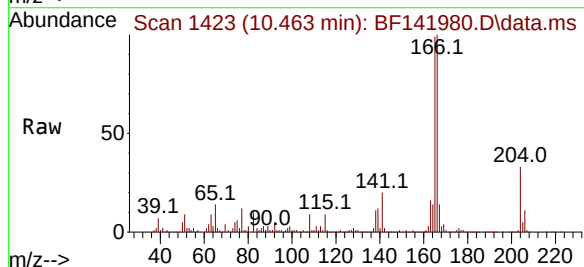
Tgt Ion:166 Resp: 397162

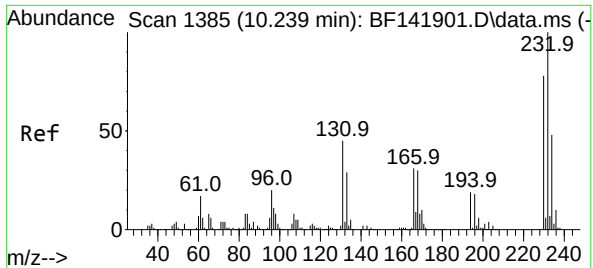
Ion Ratio Lower Upper

166 100

165 98.7 79.0 118.4

167 13.9 11.0 16.4

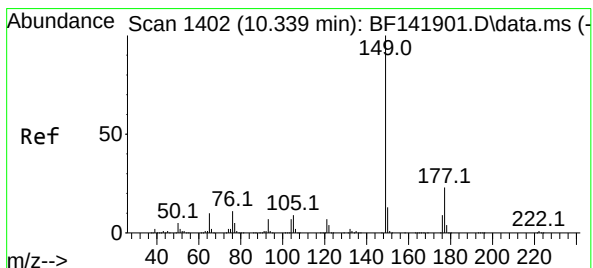
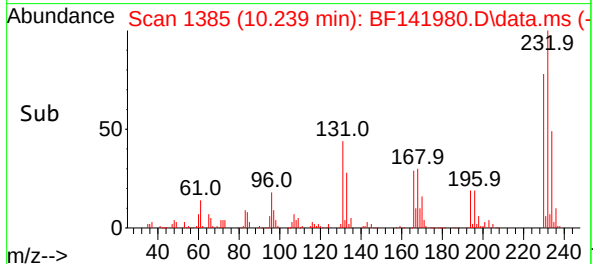
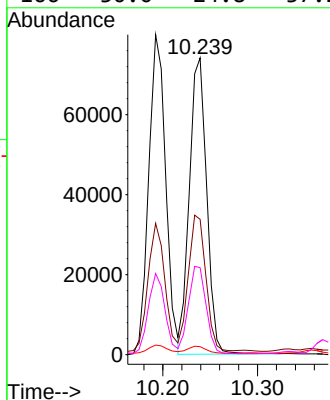
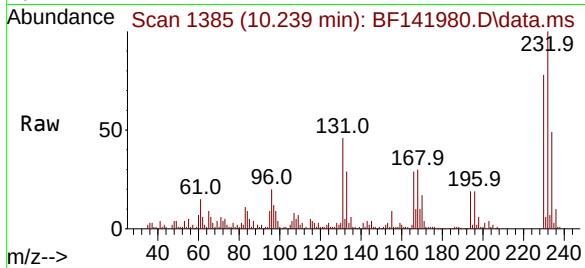




#59
2,3,4,6-Tetrachlorophenol
Concen: 21.497 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

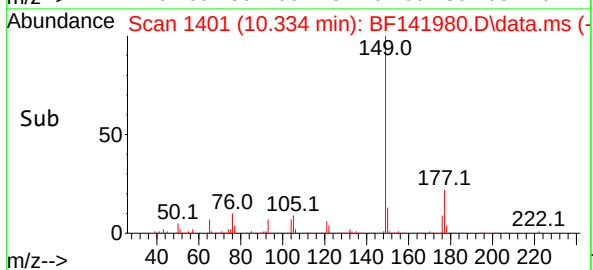
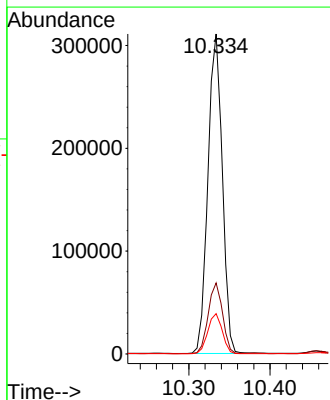
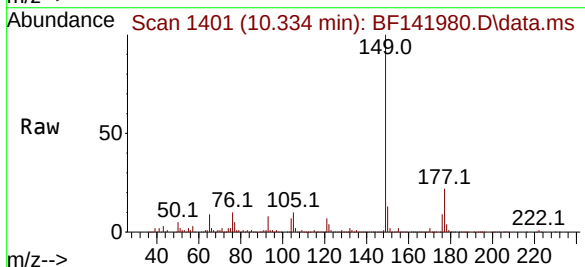
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MS

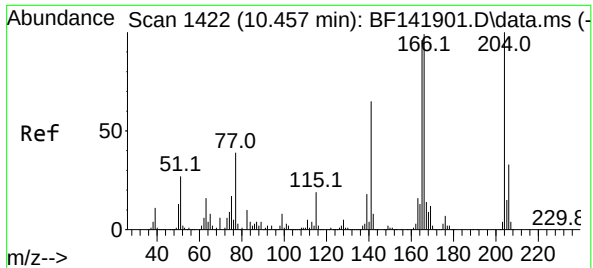
Tgt Ion:232 Resp: 94204
Ion Ratio Lower Upper
232 100
131 45.9 37.3 55.9
130 2.6 1.9 2.9
166 30.0 24.8 37.2



#60
Diethylphthalate
Concen: 22.840 ng
RT: 10.334 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

Tgt Ion:149 Resp: 381123
Ion Ratio Lower Upper
149 100
177 22.2 18.0 27.0
150 12.6 10.2 15.4

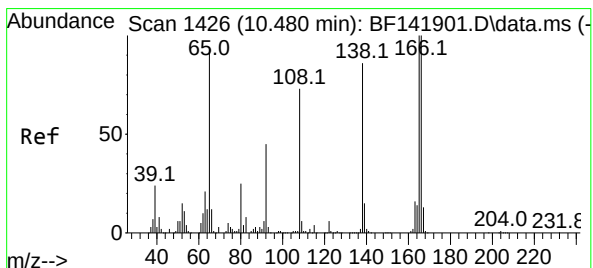
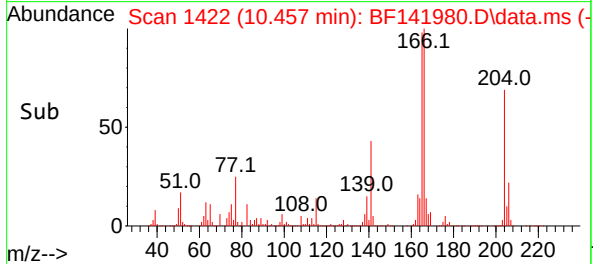
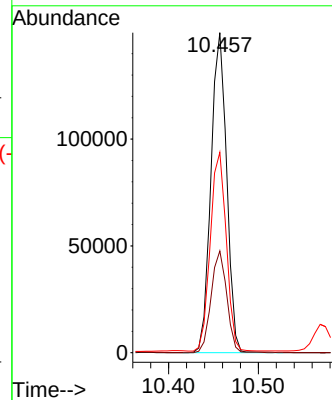
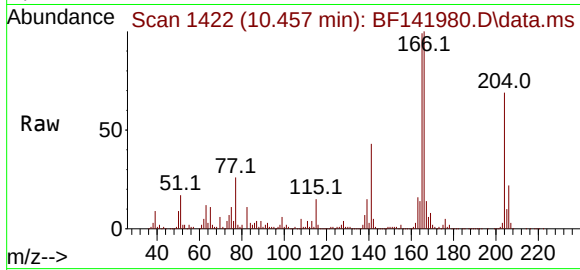




#61
4-Chlorophenyl-phenylether
Concen: 22.422 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

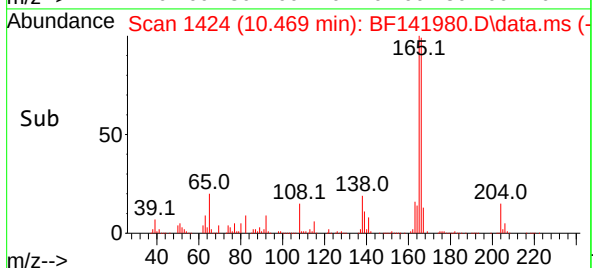
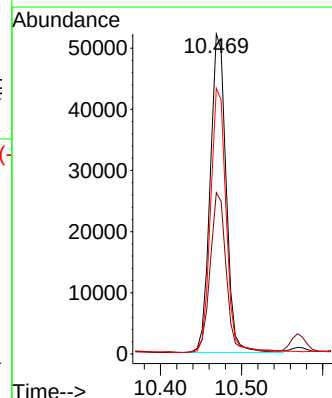
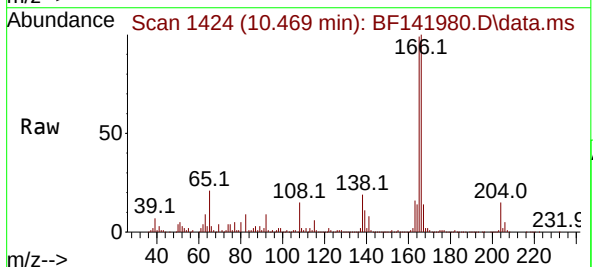
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MS

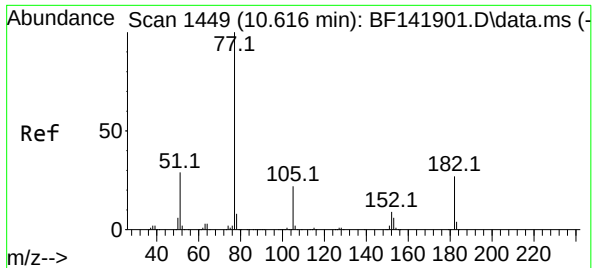
Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.8	26.8	40.2
141	62.6	52.4	78.6



#62
4-Nitroaniline
Concen: 20.572 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.4	32.6	72.6
108	83.1	65.0	105.0

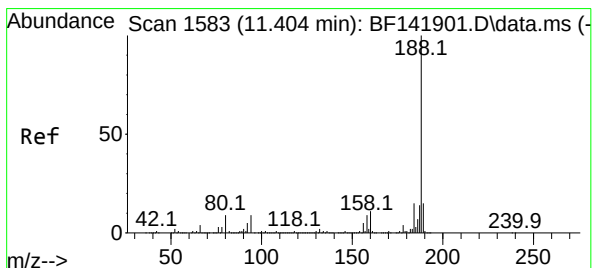
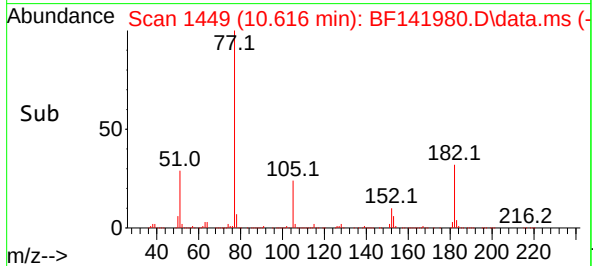
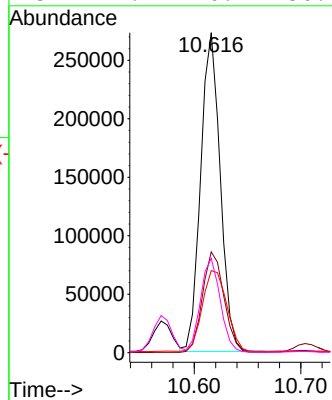
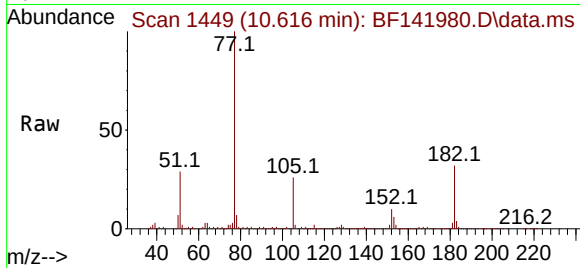




#63
Azobenzene
Concen: 22.497 ng
RT: 10.616 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

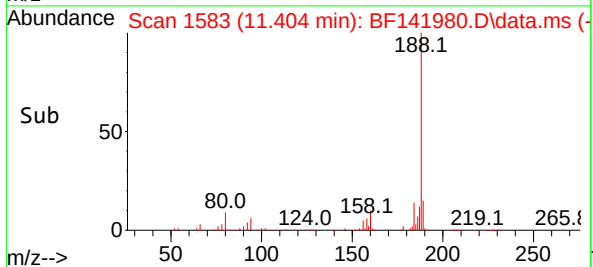
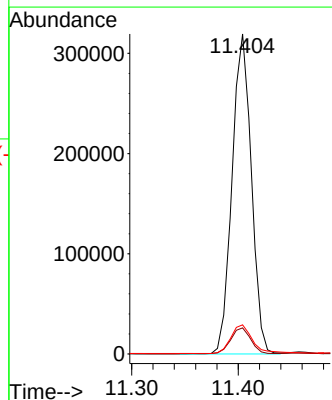
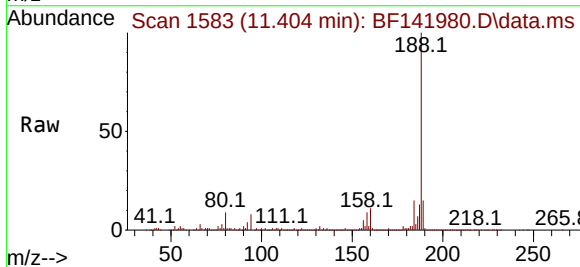
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MS

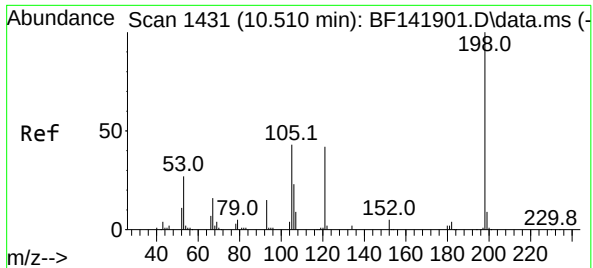
Tgt Ion:	77	Resp:	349006
Ion Ratio	Lower	Upper	
77	100		
182	31.5	6.6	46.6
105	25.7	1.3	41.3
51	29.4	10.4	50.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

Tgt Ion:	188	Resp:	402192
Ion Ratio	Lower	Upper	
188	100		
94	8.2	6.8	10.2
80	9.1	7.6	11.4

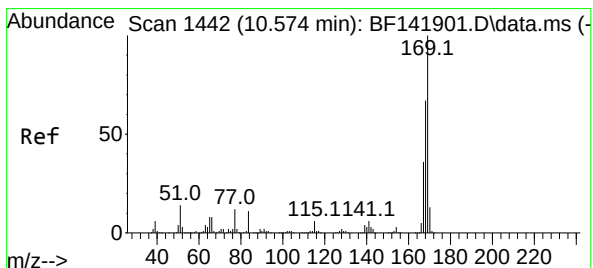
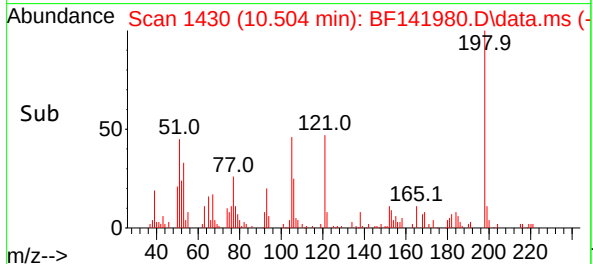
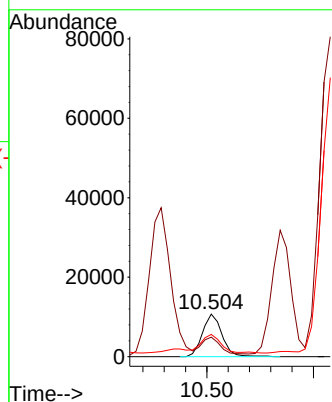
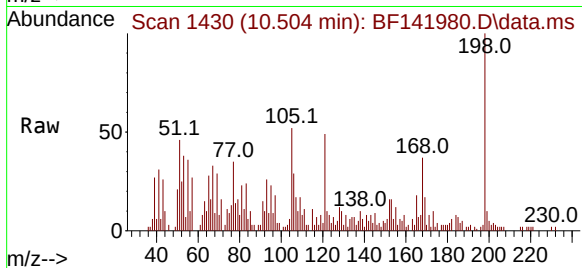




#65
4,6-Dinitro-2-methylphenol
Concen: 5.701 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

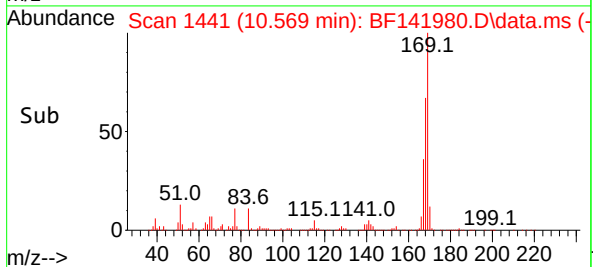
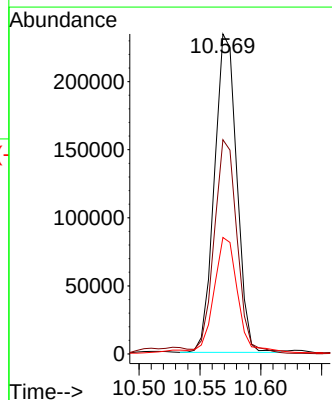
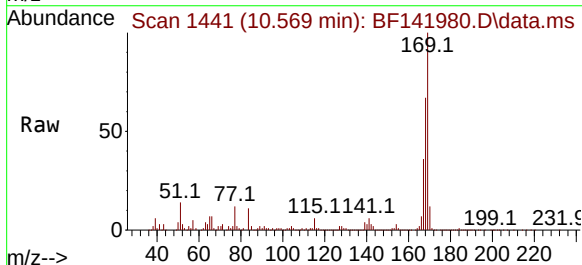
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MS

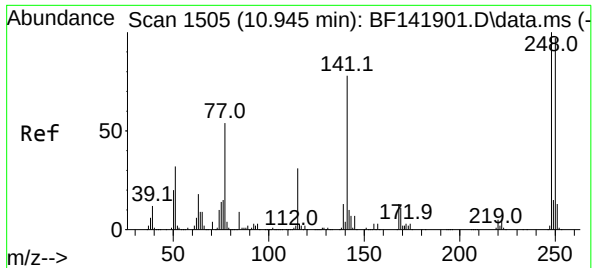
Tgt Ion	Ratio	Lower	Upper
198	100		
51	45.8	22.3	62.3
105	52.4	23.0	63.0



#66
n-Nitrosodiphenylamine
Concen: 22.978 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.0	53.7	80.5
167	36.4	29.2	43.8

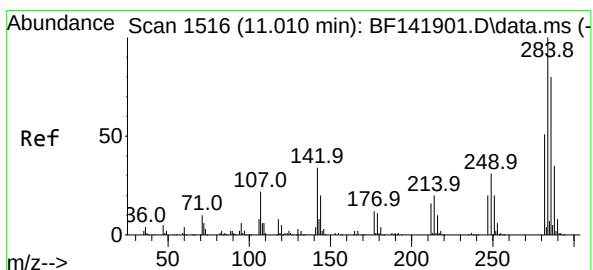
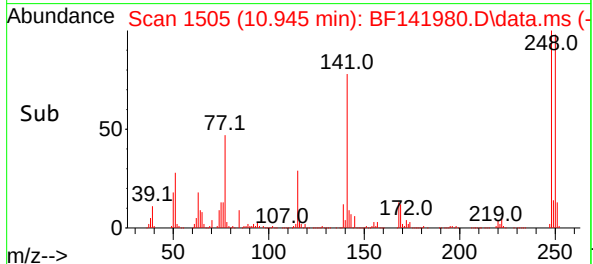
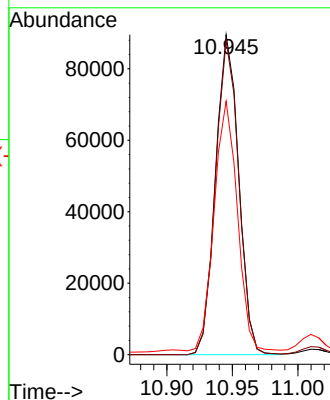
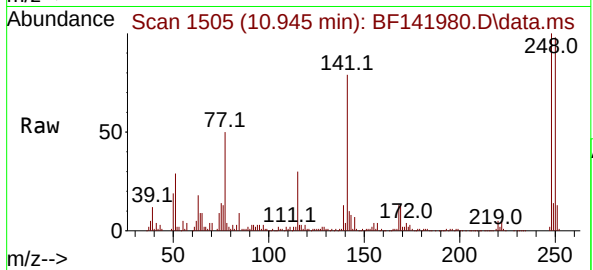




#67
4-Bromophenyl-phenylether
Concen: 21.832 ng
RT: 10.945 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

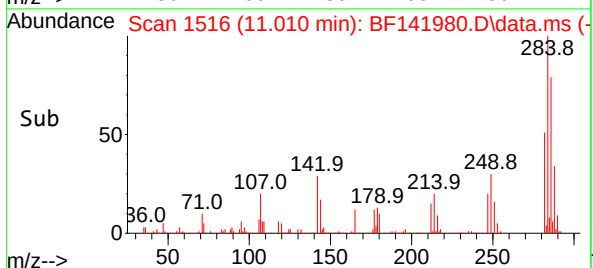
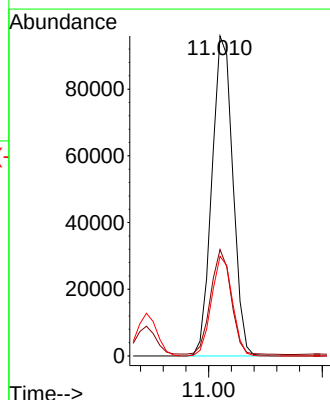
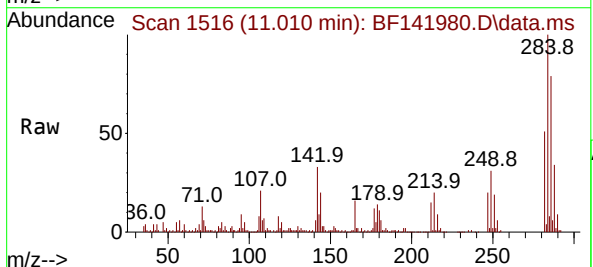
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MS

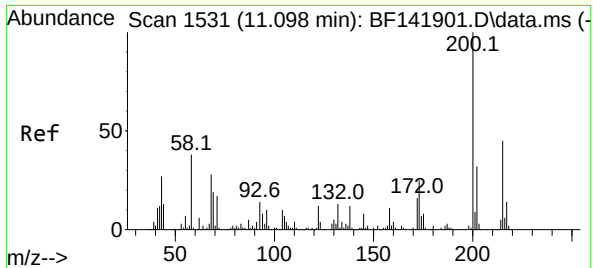
Tgt Ion:248 Resp: 110273
Ion Ratio Lower Upper
248 100
250 98.3 77.8 116.8
141 79.2 62.6 93.8



#68
Hexachlorobenzene
Concen: 22.119 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

Tgt Ion:284 Resp: 122537
Ion Ratio Lower Upper
284 100
142 33.2 27.0 40.6
249 31.2 25.2 37.8





#69

Atrazine

Concen: 29.713 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MS

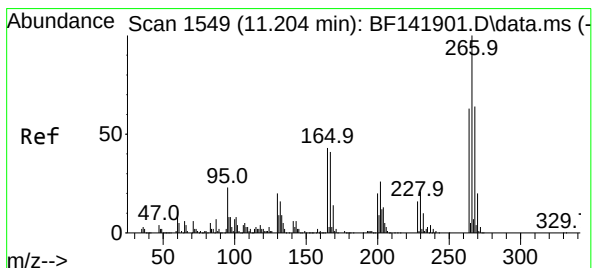
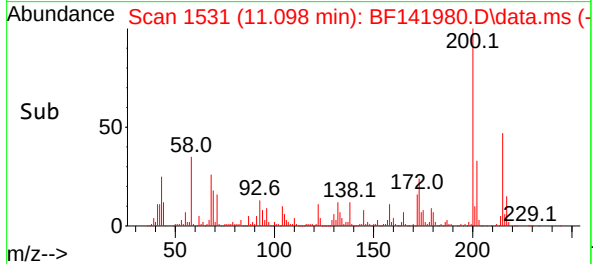
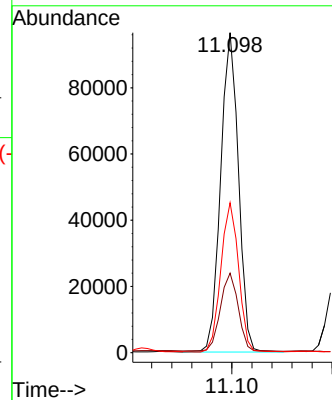
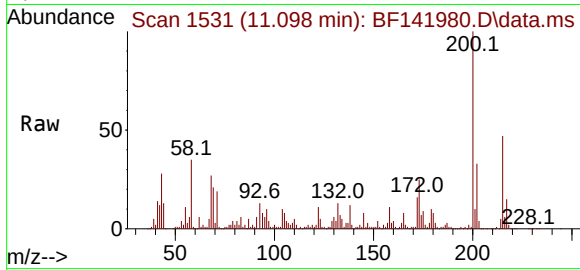
Tgt Ion:200 Resp: 118551

Ion Ratio Lower Upper

200 100

173 24.8 4.7 44.7

215 46.8 25.4 65.4



#70

Pentachlorophenol

Concen: 46.825 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.000 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

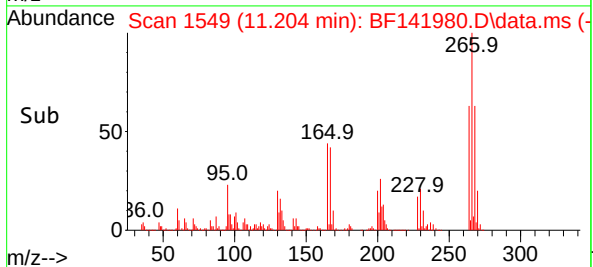
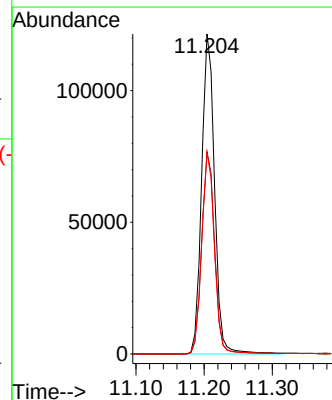
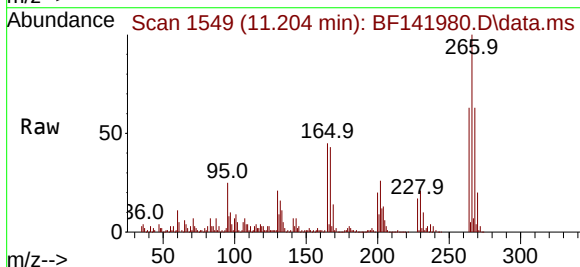
Tgt Ion:266 Resp: 159828

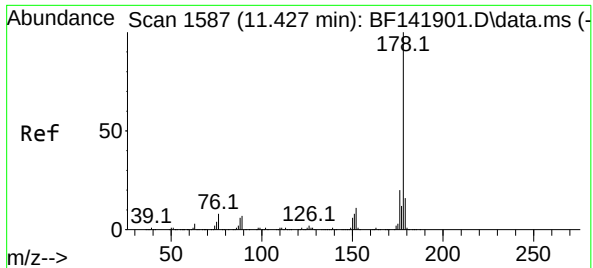
Ion Ratio Lower Upper

266 100

268 63.1 51.0 76.6

264 62.9 50.2 75.2

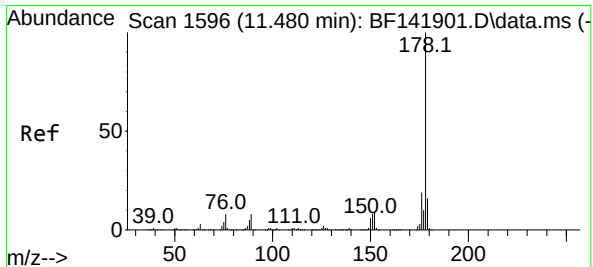
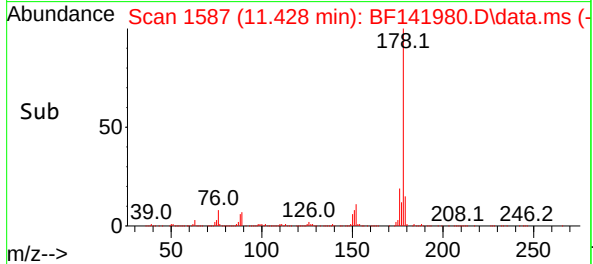
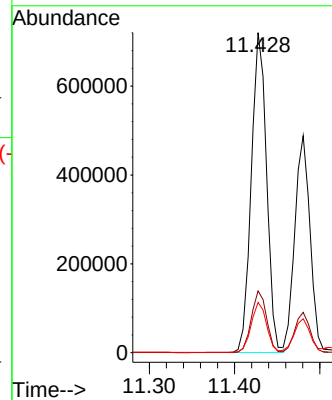
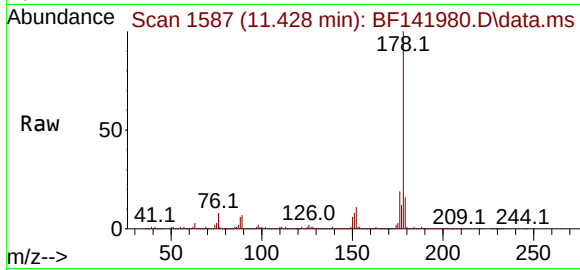




#71
Phenanthrene
Concen: 41.387 ng
RT: 11.428 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

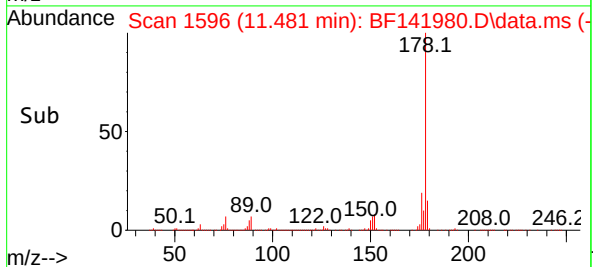
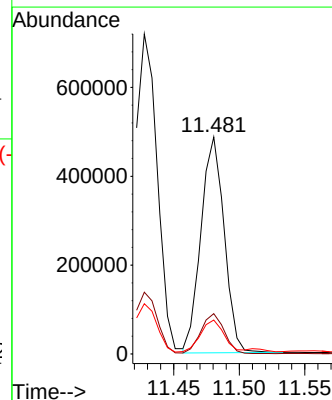
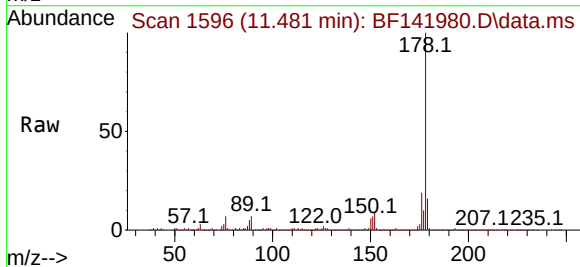
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MS

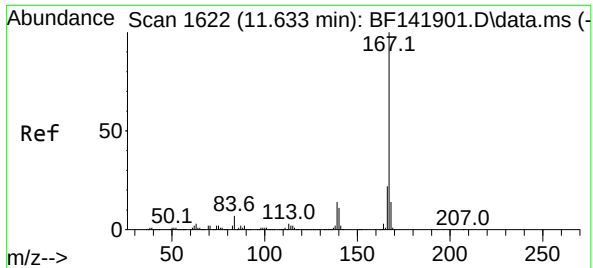
Tgt Ion:178 Resp: 899069
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.8
179 15.7 12.6 19.0



#72
Anthracene
Concen: 27.626 ng
RT: 11.481 min Scan# 1596
Delta R.T. 0.000 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

Tgt Ion:178 Resp: 602091
Ion Ratio Lower Upper
178 100
176 18.6 15.1 22.7
179 15.6 12.6 19.0

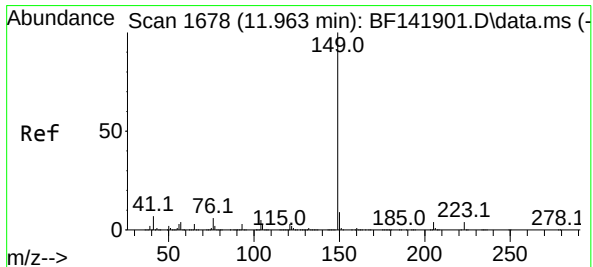
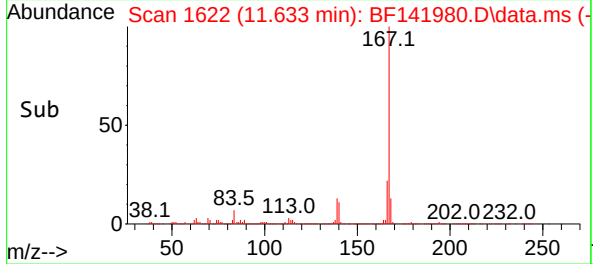
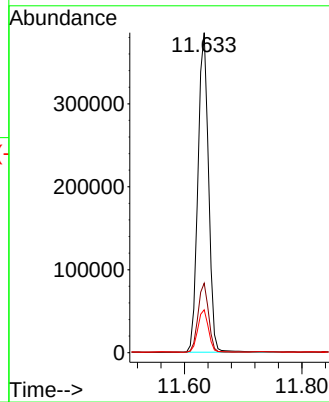
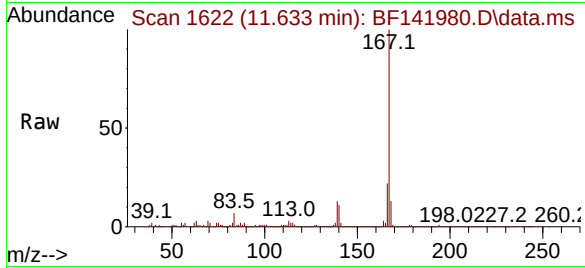




#73
Carbazole
Concen: 25.628 ng
RT: 11.633 min Scan# 1622
Delta R.T. 0.000 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

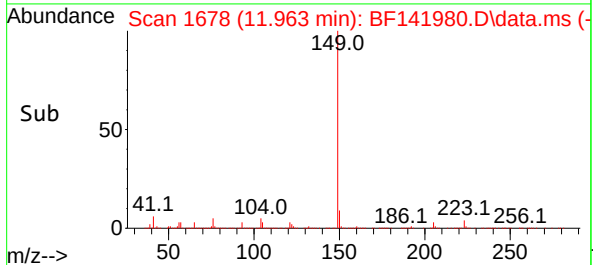
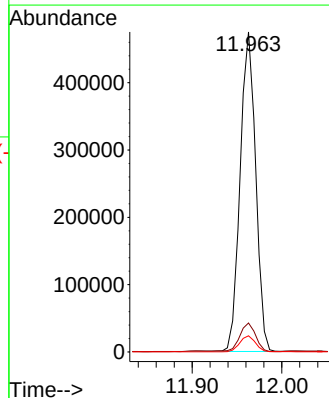
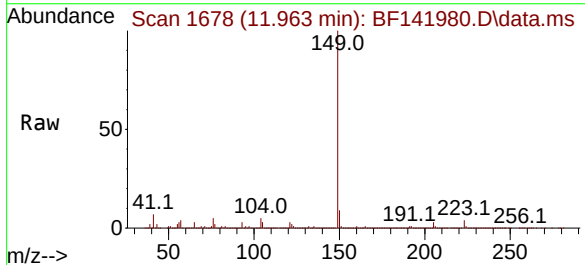
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MS

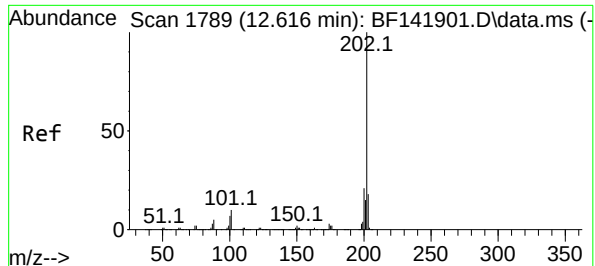
Tgt Ion:167 Resp: 481700
Ion Ratio Lower Upper
167 100
166 21.7 17.4 26.2
139 13.4 11.0 16.6



#74
Di-n-butylphthalate
Concen: 22.896 ng
RT: 11.963 min Scan# 1678
Delta R.T. 0.000 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

Tgt Ion:149 Resp: 571030
Ion Ratio Lower Upper
149 100
150 9.1 7.6 11.4
104 5.0 4.4 6.6





#75

Fluoranthene

Concen: 42.700 ng

RT: 12.616 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MS

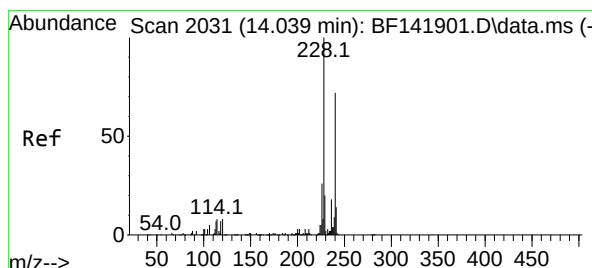
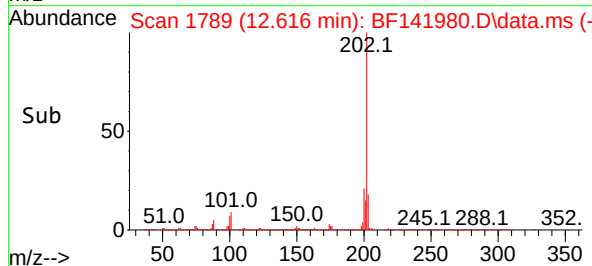
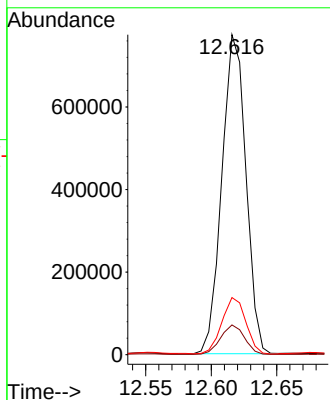
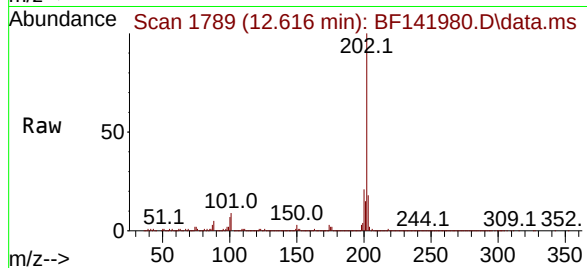
Tgt Ion:202 Resp: 983960

Ion Ratio Lower Upper

202 100

101 9.3 0.0 29.7

203 17.8 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. 0.006 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

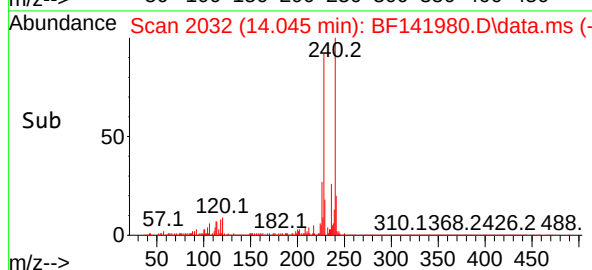
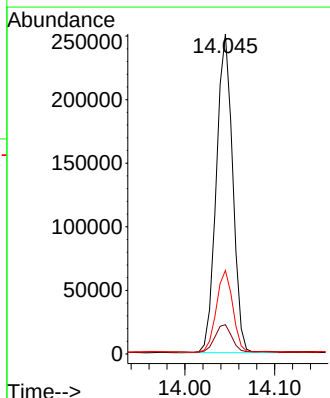
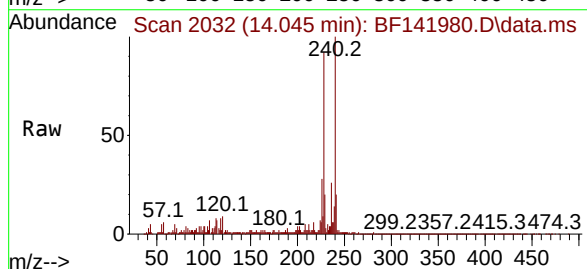
Tgt Ion:240 Resp: 316750

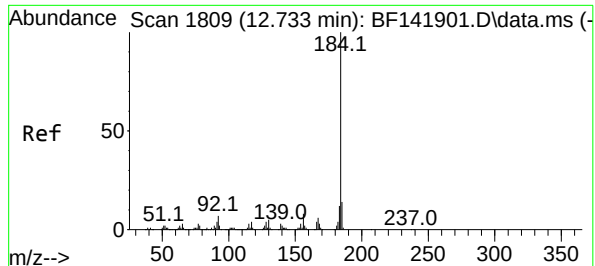
Ion Ratio Lower Upper

240 100

120 9.1 8.4 12.6

236 26.1 20.5 30.7





#77

Benzidine

Concen: 37.312 ng

RT: 12.733 min Scan# 1809

Delta R.T. 0.000 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MS

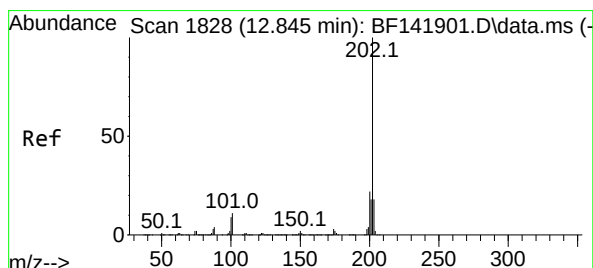
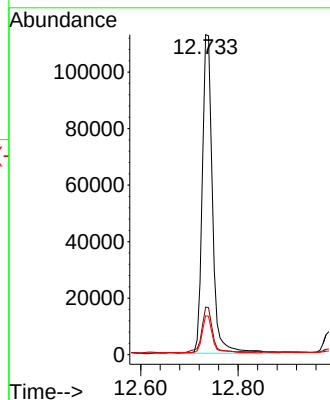
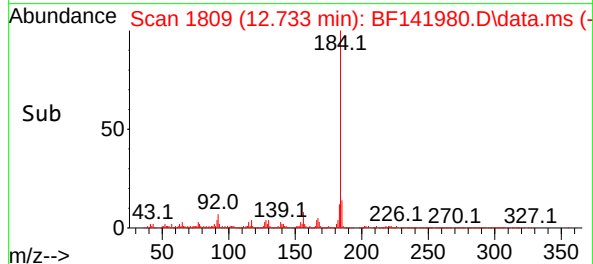
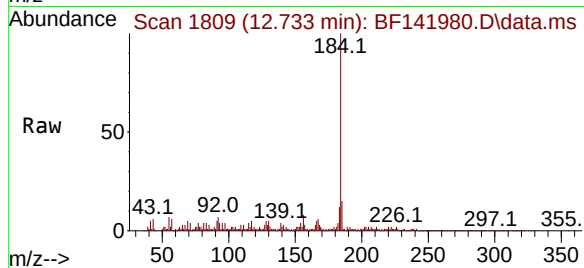
Tgt Ion:184 Resp: 164890

Ion Ratio Lower Upper

184 100

185 14.9 11.5 17.3

183 12.2 9.7 14.5



#78

Pyrene

Concen: 36.662 ng

RT: 12.845 min Scan# 1828

Delta R.T. 0.000 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

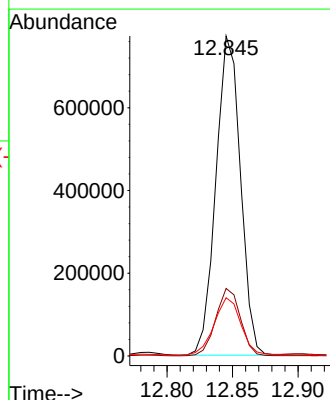
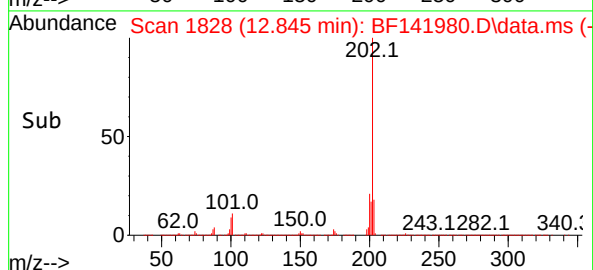
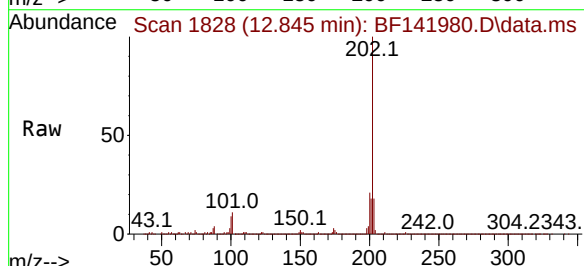
Tgt Ion:202 Resp: 1004516

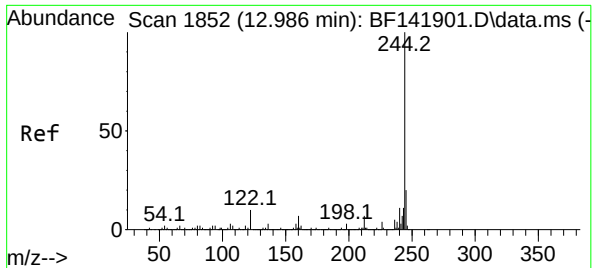
Ion Ratio Lower Upper

202 100

200 21.1 17.3 25.9

203 18.2 14.4 21.6

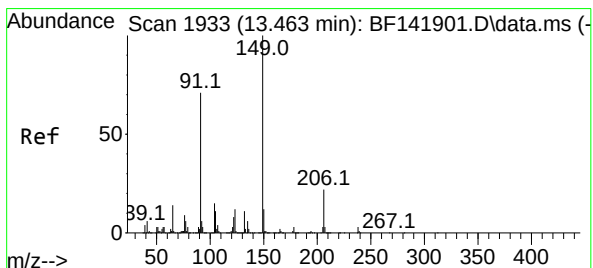
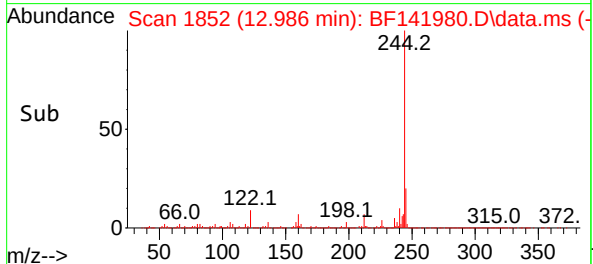
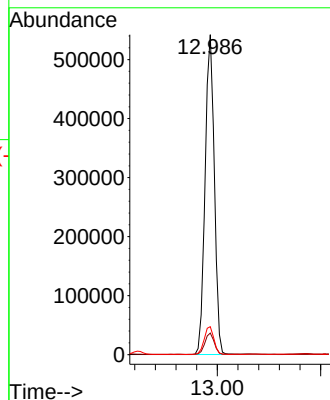
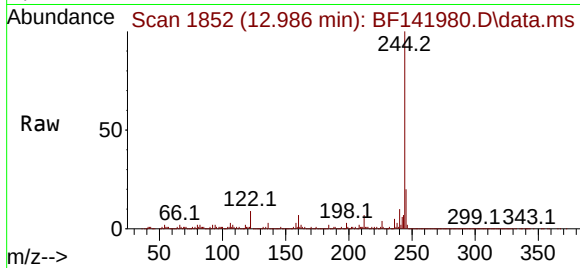




#79
Terphenyl-d14
Concen: 31.387 ng
RT: 12.986 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

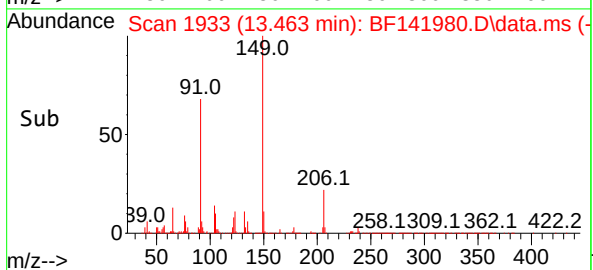
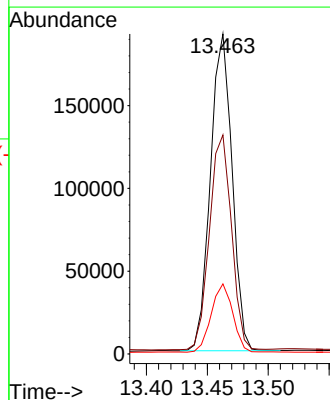
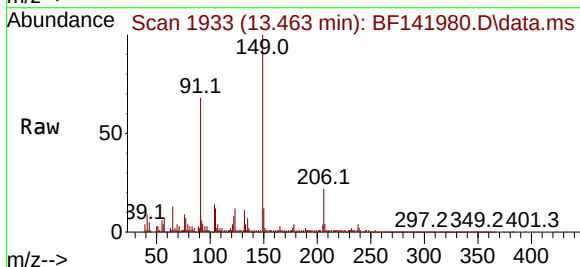
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MS

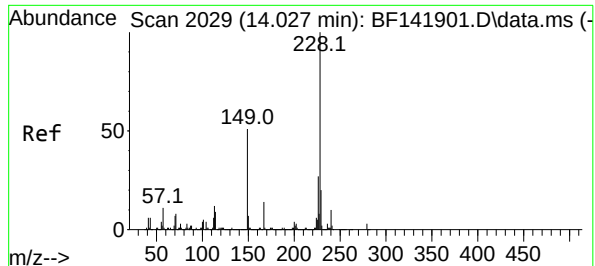
Tgt Ion:244 Resp: 672453
Ion Ratio Lower Upper
244 100
212 6.7 6.0 9.0
122 8.7 7.7 11.5



#80
Butylbenzylphthalate
Concen: 22.065 ng
RT: 13.463 min Scan# 1933
Delta R.T. 0.000 min
Lab File: BF141980.D
Acq: 17 Mar 2025 14:30

Tgt Ion:149 Resp: 236626
Ion Ratio Lower Upper
149 100
91 68.4 56.5 84.7
206 21.9 17.3 25.9





#81

Benzo(a)anthracene

Concen: 32.193 ng

RT: 14.033 min Scan# 2029

Delta R.T. 0.006 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MS

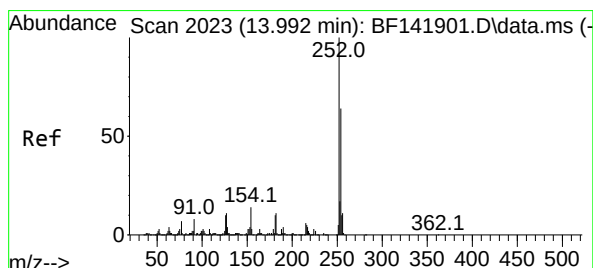
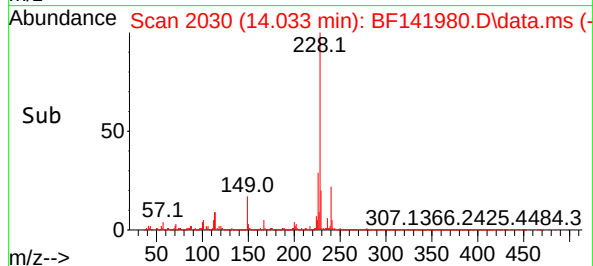
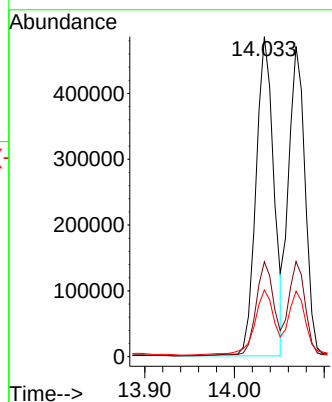
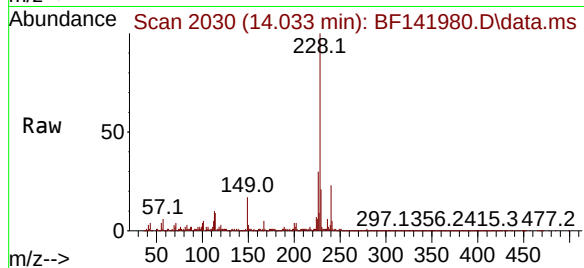
Tgt Ion:228 Resp: 669134

Ion Ratio Lower Upper

228 100

226 29.6 21.8 32.8

229 20.8 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 21.668 ng

RT: 13.992 min Scan# 2023

Delta R.T. 0.000 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

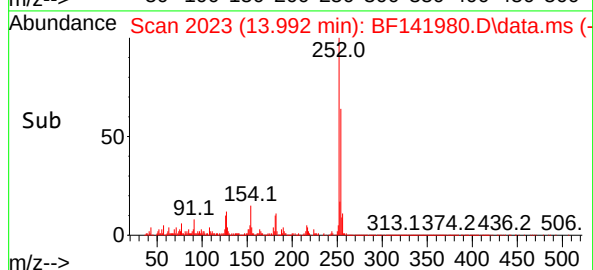
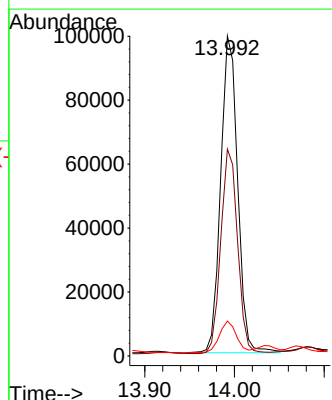
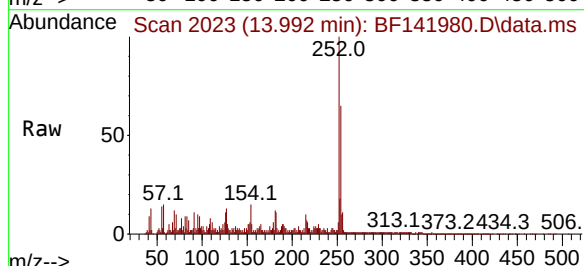
Tgt Ion:252 Resp: 130151

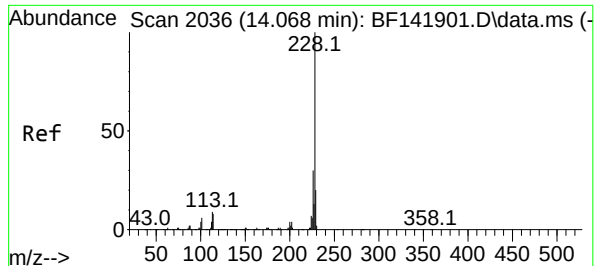
Ion Ratio Lower Upper

252 100

254 64.7 51.0 76.6

126 10.9 8.4 12.6





#83

Chrysene

Concen: 31.773 ng

RT: 14.069 min Scan# 2036

Delta R.T. 0.000 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MS

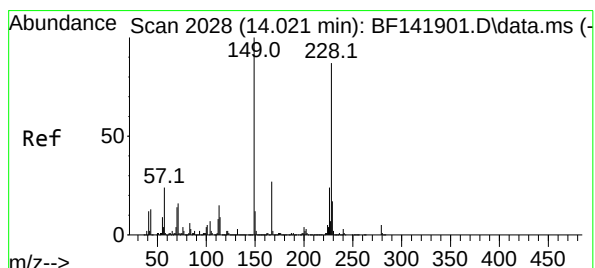
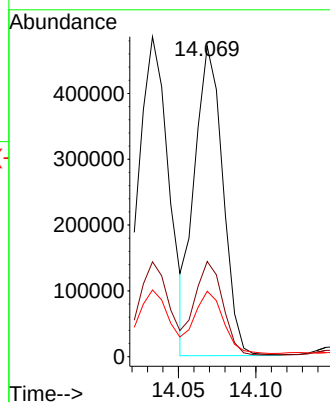
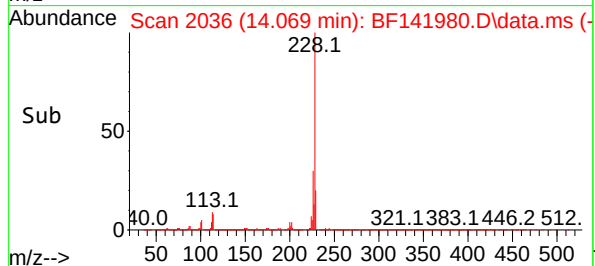
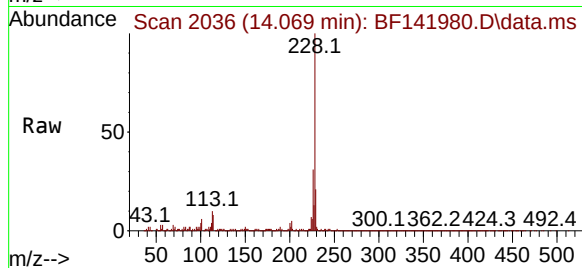
Tgt Ion:228 Resp: 598647

Ion Ratio Lower Upper

228 100

226 30.7 24.1 36.1

229 21.1 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 22.638 ng

RT: 14.022 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

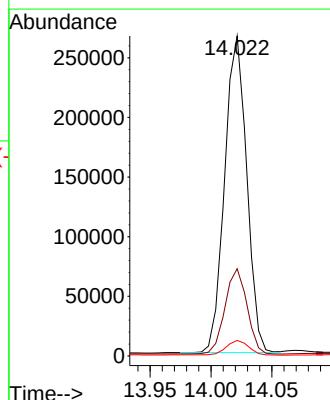
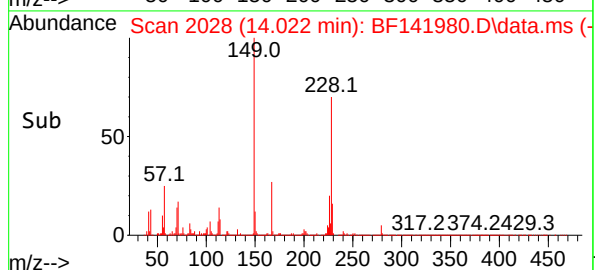
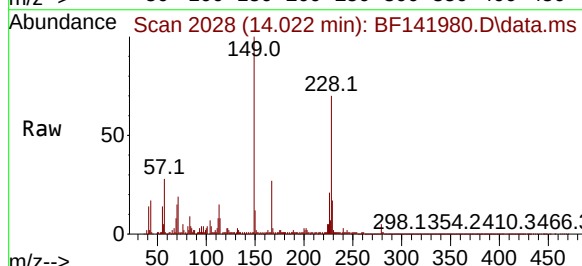
Tgt Ion:149 Resp: 334726

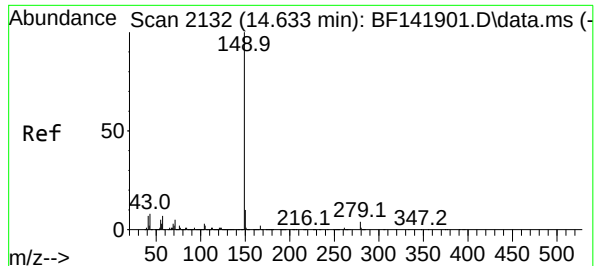
Ion Ratio Lower Upper

149 100

167 27.3 21.4 32.0

279 4.9 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 24.861 ng

RT: 14.633 min Scan# 2132

Delta R.T. 0.000 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MS

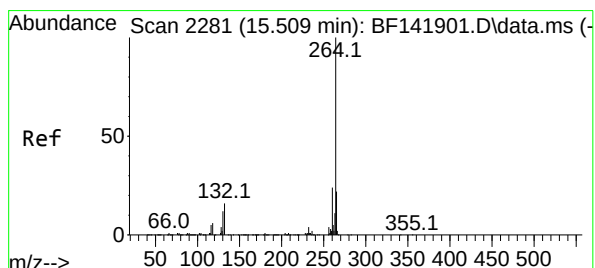
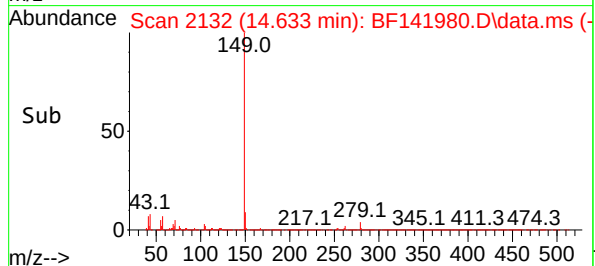
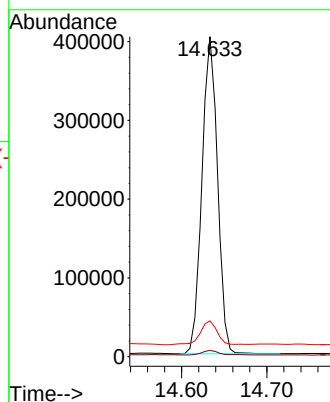
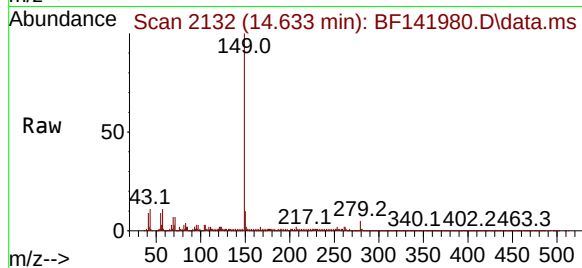
Tgt Ion:149 Resp: 511488

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 8.4 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 2283

Delta R.T. 0.012 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

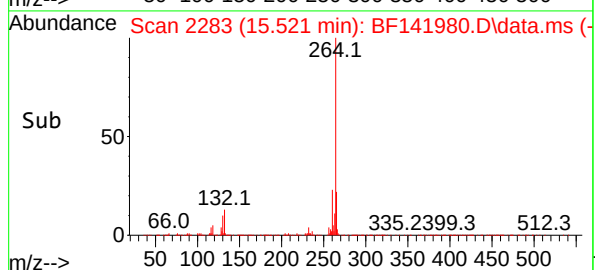
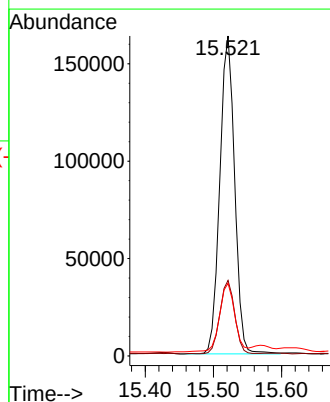
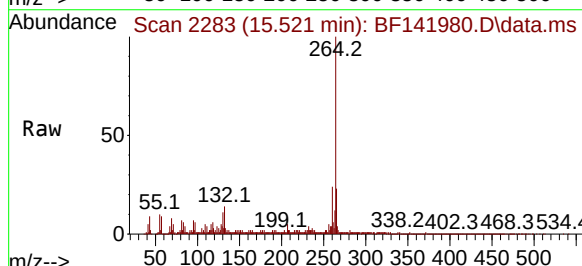
Tgt Ion:264 Resp: 247894

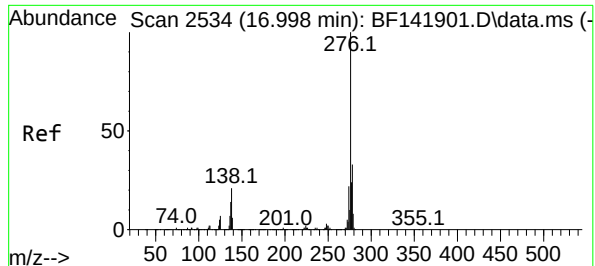
Ion Ratio Lower Upper

264 100

260 23.6 19.1 28.7

265 22.7 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 24.719 ng

RT: 17.015 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MS

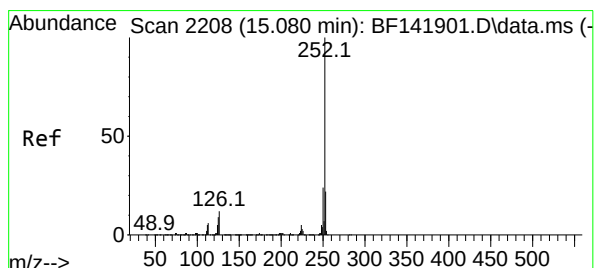
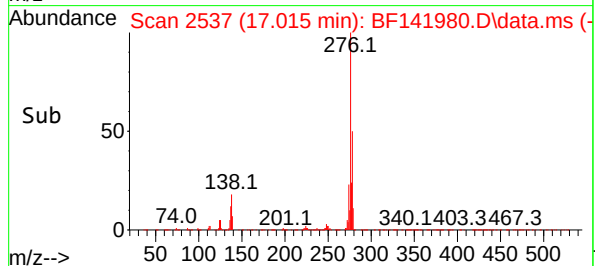
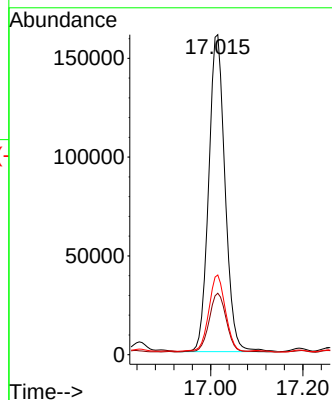
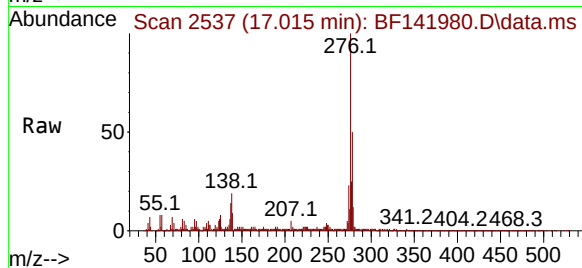
Tgt Ion:276 Resp: 396395

Ion Ratio Lower Upper

276 100

138 19.6 18.4 27.6

277 24.3 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 33.378 ng

RT: 15.086 min Scan# 2209

Delta R.T. 0.006 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

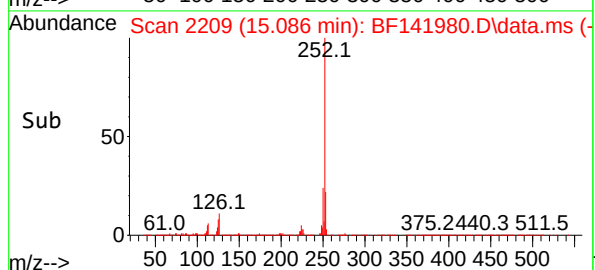
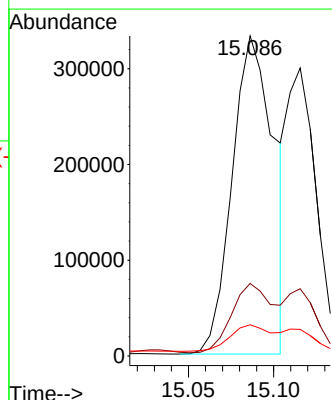
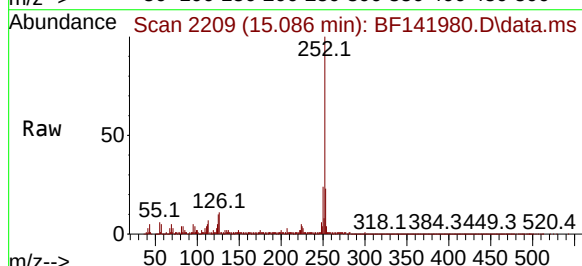
Tgt Ion:252 Resp: 567086

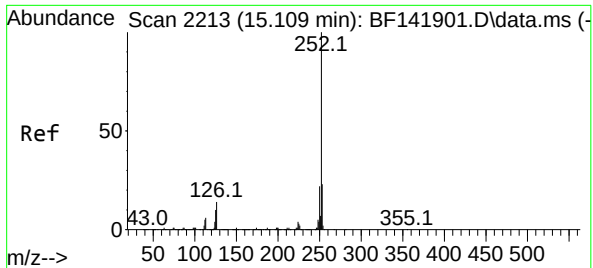
Ion Ratio Lower Upper

252 100

253 22.7 17.5 26.3

125 9.8 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 24.093 ng

RT: 15.116 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MS

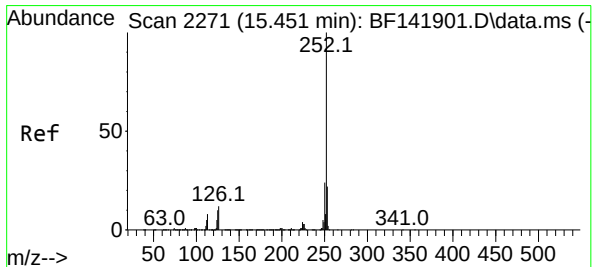
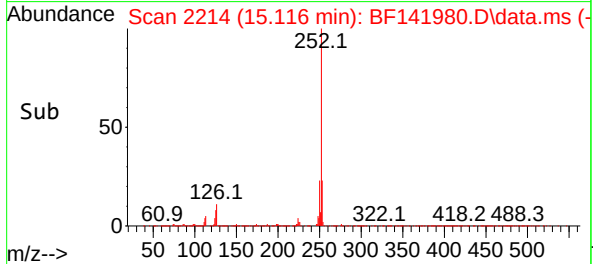
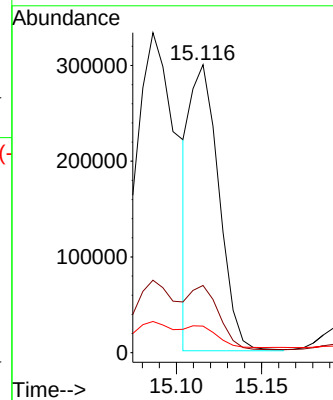
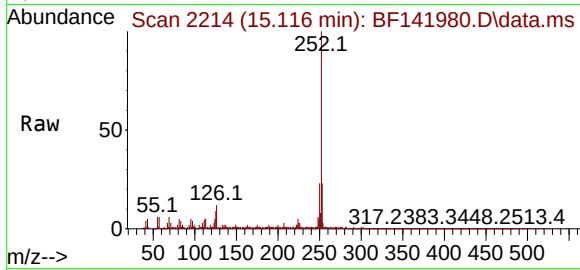
Tgt Ion:252 Resp: 350299

Ion Ratio Lower Upper

252 100

253 23.4 17.7 26.5

125 9.2 7.2 10.8



#90

Benzo(a)pyrene

Concen: 32.384 ng

RT: 15.457 min Scan# 2272

Delta R.T. 0.006 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

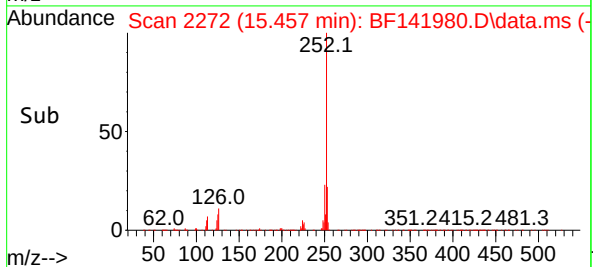
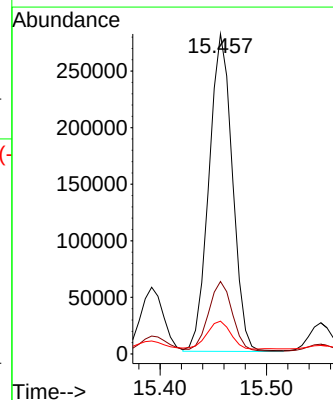
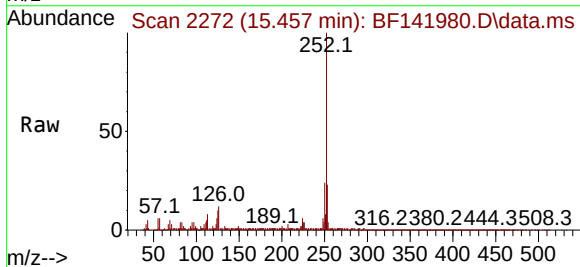
Tgt Ion:252 Resp: 430507

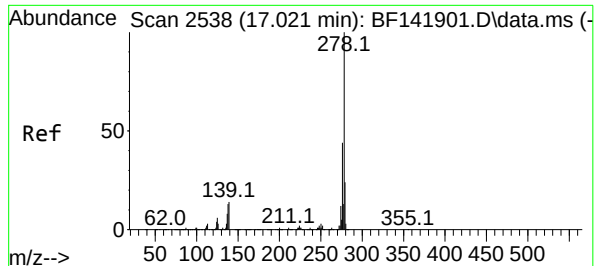
Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.0

125 10.2 7.8 11.8





#91

Dibenzo(a,h)anthracene

Concen: 21.348 ng

RT: 17.027 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MS

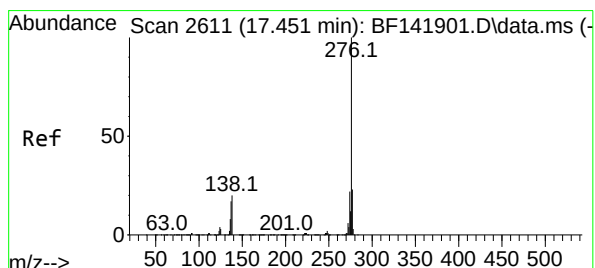
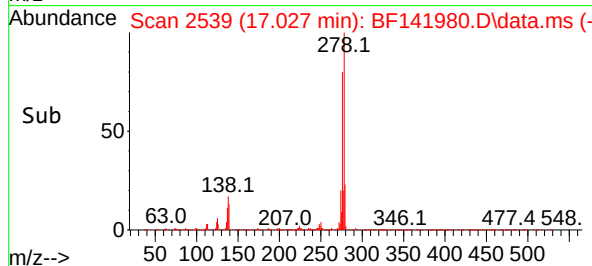
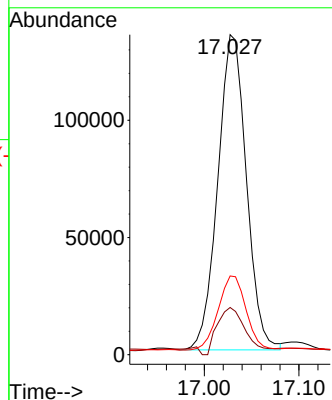
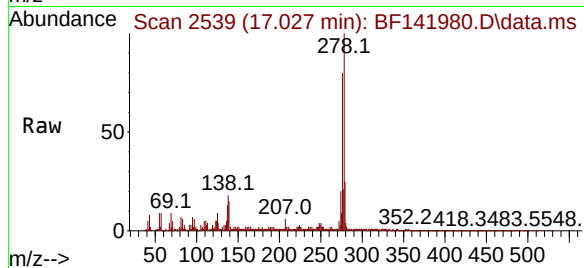
Tgt Ion:278 Resp: 282448

Ion Ratio Lower Upper

278 100

139 14.7 11.4 17.2

279 24.6 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 24.288 ng

RT: 17.462 min Scan# 2613

Delta R.T. 0.012 min

Lab File: BF141980.D

Acq: 17 Mar 2025 14:30

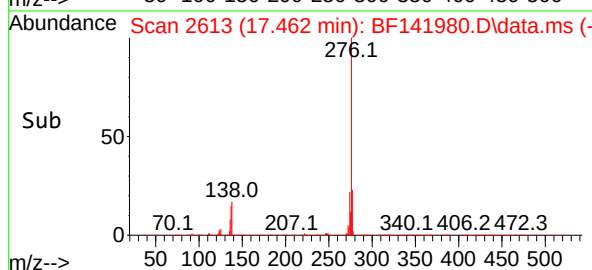
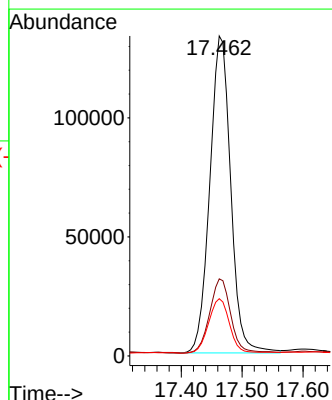
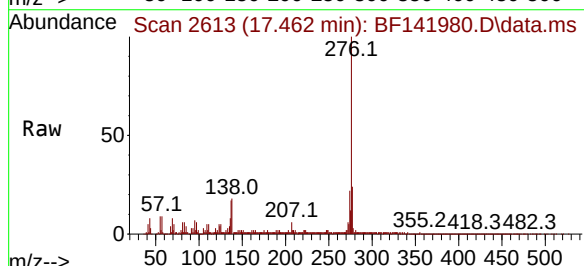
Tgt Ion:276 Resp: 317558

Ion Ratio Lower Upper

276 100

277 24.1 18.7 28.1

138 17.9 15.8 23.8



Report of Analysis

Client:	G Environmental	Date Collected:	03/14/25
Project:	Ave L	Date Received:	03/14/25
Client Sample ID:	OK-02-03142025MSD	SDG No.:	Q1574
Lab Sample ID:	Q1585-01MSD	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	97.1
Sample Wt/Vol:	50.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141981.D	2	03/17/25 09:15	03/17/25 15:00	PB167157

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	400	J	190	410	ug/Kg
108-95-2	Phenol	930		27.3	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	960		30.0	210	ug/Kg
95-57-8	2-Chlorophenol	940		30.1	210	ug/Kg
95-48-7	2-Methylphenol	900		36.9	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	870		46.3	210	ug/Kg
98-86-2	Acetophenone	1100		36.4	210	ug/Kg
65794-96-9	3+4-Methylphenols	910		50.7	410	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	860		58.5	98.7	ug/Kg
67-72-1	Hexachloroethane	890		21.7	210	ug/Kg
98-95-3	Nitrobenzene	1000		22.6	210	ug/Kg
78-59-1	Isophorone	1000		40.5	210	ug/Kg
88-75-5	2-Nitrophenol	910		71.8	210	ug/Kg
105-67-9	2,4-Dimethylphenol	1200		80.0	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	980		38.0	210	ug/Kg
120-83-2	2,4-Dichlorophenol	940		34.9	210	ug/Kg
91-20-3	Naphthalene	980		28.0	210	ug/Kg
106-47-8	4-Chloroaniline	460		43.7	210	ug/Kg
87-68-3	Hexachlorobutadiene	1000		31.2	210	ug/Kg
105-60-2	Caprolactam	1000		64.3	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	860		35.4	210	ug/Kg
91-57-6	2-Methylnaphthalene	900		31.6	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	900		140	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	980		24.4	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	990		35.9	210	ug/Kg
92-52-4	1,1-Biphenyl	1200		26.9	210	ug/Kg
91-58-7	2-Chloronaphthalene	1000		27.8	210	ug/Kg
88-74-4	2-Nitroaniline	1000		59.3	210	ug/Kg
131-11-3	Dimethylphthalate	1000		33.4	210	ug/Kg

Report of Analysis

Client:	G Environmental	Date Collected:	03/14/25
Project:	Ave L	Date Received:	03/14/25
Client Sample ID:	OK-02-03142025MSD	SDG No.:	Q1574
Lab Sample ID:	Q1585-01MSD	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	97.1
Sample Wt/Vol:	50.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141981.D	2	03/17/25 09:15	03/17/25 15:00	PB167157

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1100		35.7	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	960		41.5	210	ug/Kg
99-09-2	3-Nitroaniline	880		56.8	210	ug/Kg
83-32-9	Acenaphthene	1000		26.3	210	ug/Kg
51-28-5	2,4-Dinitrophenol	470		280	410	ug/Kg
100-02-7	4-Nitrophenol	2200		130	410	ug/Kg
132-64-9	Dibenzofuran	990		28.0	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	960		61.8	210	ug/Kg
84-66-2	Diethylphthalate	960		34.9	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	950		32.9	210	ug/Kg
86-73-7	Fluorene	1100		31.2	210	ug/Kg
100-01-6	4-Nitroaniline	940		79.2	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	160	J	130	410	ug/Kg
86-30-6	n-Nitrosodiphenylamine	990		40.6	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	930		34.3	210	ug/Kg
118-74-1	Hexachlorobenzene	960		31.2	210	ug/Kg
1912-24-9	Atrazine	1300		42.0	210	ug/Kg
87-86-5	Pentachlorophenol	2000		63.3	410	ug/Kg
85-01-8	Phenanthrene	1800		25.8	210	ug/Kg
120-12-7	Anthracene	1200		41.1	210	ug/Kg
86-74-8	Carbazole	1100		38.5	210	ug/Kg
84-74-2	Di-n-butylphthalate	990		59.1	210	ug/Kg
206-44-0	Fluoranthene	1900		37.0	210	ug/Kg
129-00-0	Pyrene	1600		44.4	210	ug/Kg
85-68-7	Butylbenzylphthalate	970		88.1	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	980		45.3	410	ug/Kg
56-55-3	Benzo(a)anthracene	1400		28.4	210	ug/Kg
218-01-9	Chrysene	1400		24.6	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	990		73.0	210	ug/Kg
117-84-0	Di-n-octyl phthalate	1000		110	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400		23.4	210	ug/Kg

Report of Analysis

Client:	G Environmental	Date Collected:	03/14/25
Project:	Ave L	Date Received:	03/14/25
Client Sample ID:	OK-02-03142025MSD	SDG No.:	Q1574
Lab Sample ID:	Q1585-01MSD	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	97.1
Sample Wt/Vol:	50.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141981.D	2	03/17/25 09:15	03/17/25 15:00	PB167157

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1100		27.6	210	ug/Kg
50-32-8	Benzo(a)pyrene	1400		36.4	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		35.9	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	930		33.8	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		31.7	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		31.6	210	ug/Kg
123-91-1	1,4-Dioxane	1000		55.8	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	940		33.8	210	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	97.1		30 (18) - 130 (112)	65%	SPK: 150
13127-88-3	Phenol-d6	90.8		30 (15) - 130 (107)	61%	SPK: 150
4165-60-0	Nitrobenzene-d5	69.9		30 (18) - 130 (107)	70%	SPK: 100
321-60-8	2-Fluorobiphenyl	74.6		30 (20) - 130 (109)	75%	SPK: 100
118-79-6	2,4,6-Tribromophenol	95.2		30 (10) - 130 (116)	63%	SPK: 150
1718-51-0	Terphenyl-d14	65.5		30 (10) - 130 (105)	66%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	123000	6.881			
1146-65-2	Naphthalene-d8	428000	8.163			
15067-26-2	Acenaphthene-d10	210000	9.916			
1517-22-2	Phenanthrene-d10	361000	11.404			
1719-03-5	Chrysene-d12	283000	14.045			
1520-96-3	Perylene-d12	213000	15.521			

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_F\Data\BF031725\
 Data File : BF141981.D
 Acq On : 17 Mar 2025 15:00
 Operator : RC/JU
 Sample : Q1585-01MSD 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-03142025MSD

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/18/2025
 Supervised By :Jagrut Upadhyay 03/18/2025

Quant Time: Mar 17 15:36:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	122962	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	428074	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	210222	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	360568	20.000	ng	0.00
76) Chrysene-d12	14.045	240	282638	20.000	ng	0.00
86) Perylene-d12	15.521	264	213270	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	357779	48.561	ng	0.00
7) Phenol-d6	6.504	99	425661	45.377	ng	0.00
23) Nitrobenzene-d5	7.439	82	265875	34.953	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	126929	47.593	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	515884	37.321	ng	0.00
79) Terphenyl-d14	12.986	244	626391	32.766	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	77134	24.986	ng	99
3) Pyridine	3.451	79	165090	21.802	ng	97
4) n-Nitrosodimethylamine	3.381	42	80462	22.291	ng	94
6) Aniline	6.539	93	111079	12.004	ng	100
8) 2-Chlorophenol	6.663	128	187703	22.971	ng	98
9) Benzaldehyde	6.434	77	50735	9.671	ng	96
10) Phenol	6.516	94	223020	22.599	ng	97
11) bis(2-Chloroethyl)ether	6.610	93	173616	23.429	ng	98
12) 1,3-Dichlorobenzene	6.822	146	206380	23.395	ng	98
13) 1,4-Dichlorobenzene	6.898	146	210826	23.620	ng	99
14) 1,2-Dichlorobenzene	7.051	146	196004	23.314	ng	99
15) Benzyl Alcohol	7.016	79	160230	21.128	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	190198	21.260	ng	100
17) 2-Methylphenol	7.128	107	141763	21.820	ng	99
18) Hexachloroethane	7.392	117	72524	21.668	ng	98
19) n-Nitroso-di-n-propyla...	7.286	70	125800	20.871	ng	99
20) 3+4-Methylphenols	7.281	107	185060	22.238	ng	# 74
22) Acetophenone	7.286	105	279857	27.299	ng	99
24) Nitrobenzene	7.457	77	183578	24.276	ng	100
25) Isophorone	7.698	82	333584	24.809	ng	99
26) 2-Nitrophenol	7.775	139	81983	22.089	ng	98
27) 2,4-Dimethylphenol	7.810	122	147078	28.780	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	200722	23.801	ng	99
29) 2,4-Dichlorophenol	8.016	162	145170	22.886	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	165028	23.607	ng	99
31) Naphthalene	8.186	128	524501	23.852	ng	99
32) Benzoic acid	7.886	122	108252m	24.097	ng	
33) 4-Chloroaniline	8.228	127	86978	11.205	ng	98
34) Hexachlorobutadiene	8.298	225	116089	25.465	ng	97
35) Caprolactam	8.575	113	47281	24.448	ng	97
36) 4-Chloro-3-methylphenol	8.704	107	148595	21.000	ng	98
37) 2-Methylnaphthalene	8.875	142	321291	21.859	ng	99
38) 1-Methylnaphthalene	8.975	142	314911	22.203	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	180198	28.154	ng	99
41) Hexachlorocyclopentadiene	9.028	237	54883	21.911	ng	96
43) 2,4,6-Trichlorophenol	9.151	196	99411	23.766	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031725\
 Data File : BF141981.D
 Acq On : 17 Mar 2025 15:00
 Operator : RC/JU
 Sample : Q1585-01MSD 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-03142025MSD

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/18/2025
 Supervised By :Jagrut Upadhyay 03/18/2025

Quant Time: Mar 17 15:36:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	101841	24.039	ng	98
46) 1,1'-Biphenyl	9.339	154	450681	28.215	ng	99
47) 2-Chloronaphthalene	9.363	162	293294	24.635	ng	98
48) 2-Nitroaniline	9.457	65	87104	25.269	ng	96
49) Acenaphthylene	9.780	152	489709	27.718	ng	99
50) Dimethylphthalate	9.633	163	361750	24.573	ng	100
51) 2,6-Dinitrotoluene	9.692	165	71293	23.259	ng	98
52) Acenaphthene	9.951	154	305530	24.608	ng	99
53) 3-Nitroaniline	9.863	138	66296	21.323	ng	99
54) 2,4-Dinitrophenol	9.969	184	9121	11.380	ng #	32
55) Dibenzofuran	10.122	168	428947	24.179	ng	98
56) 4-Nitrophenol	10.016	139	122925	52.427	ng	98
57) 2,4-Dinitrotoluene	10.098	165	93849	23.443	ng #	97
58) Fluorene	10.463	166	368013	26.900	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	87893	22.799	ng	99
60) Diethylphthalate	10.333	149	342607	23.340	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	165480	23.200	ng	98
62) 4-Nitroaniline	10.469	138	69514	22.965	ng	95
63) Azobenzene	10.616	77	321117	23.530	ng	94
65) 4,6-Dinitro-2-methylph...	10.504	198	8384	3.900	ng	82
66) n-Nitrosodiphenylamine	10.574	169	280032	24.000	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	101979	22.520	ng	99
68) Hexachlorobenzene	11.016	284	115374	23.230	ng	95
69) Atrazine	11.098	200	112097	31.338	ng	98
70) Pentachlorophenol	11.204	266	147715	48.273	ng	99
71) Phenanthrene	11.427	178	841818	43.225	ng	99
72) Anthracene	11.480	178	577698	29.566	ng	99
73) Carbazole	11.633	167	460642	27.337	ng	99
74) Di-n-butylphthalate	11.963	149	535762	23.962	ng	99
75) Fluoranthene	12.616	202	935046	45.261	ng	100
77) Benzidine	12.739	184	194488	49.321	ng	100
78) Pyrene	12.845	202	950264	38.868	ng	99
80) Butylbenzylphthalate	13.463	149	224636	23.475	ng	98
81) Benzo(a)anthracene	14.033	228	616040	33.215	ng	97
82) 3,3'-Dichlorobenzidine	13.998	252	127292	23.750	ng	98
83) Chrysene	14.068	228	560472	33.337	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	317279	24.047	ng	99
85) Di-n-octyl phthalate	14.633	149	467953	25.490	ng	99
87) Indeno(1,2,3-cd)pyrene	17.015	276	365791	26.514	ng	96
88) Benzo(b)fluoranthene	15.086	252	499038	34.142	ng	98
89) Benzo(k)fluoranthene	15.115	252	342364	27.371	ng	98
90) Benzo(a)pyrene	15.457	252	393947	34.445	ng	98
91) Dibenzo(a,h)anthracene	17.033	278	257236	22.599	ng	99
92) Benzo(g,h,i)perylene	17.468	276	292869	26.036	ng	97

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

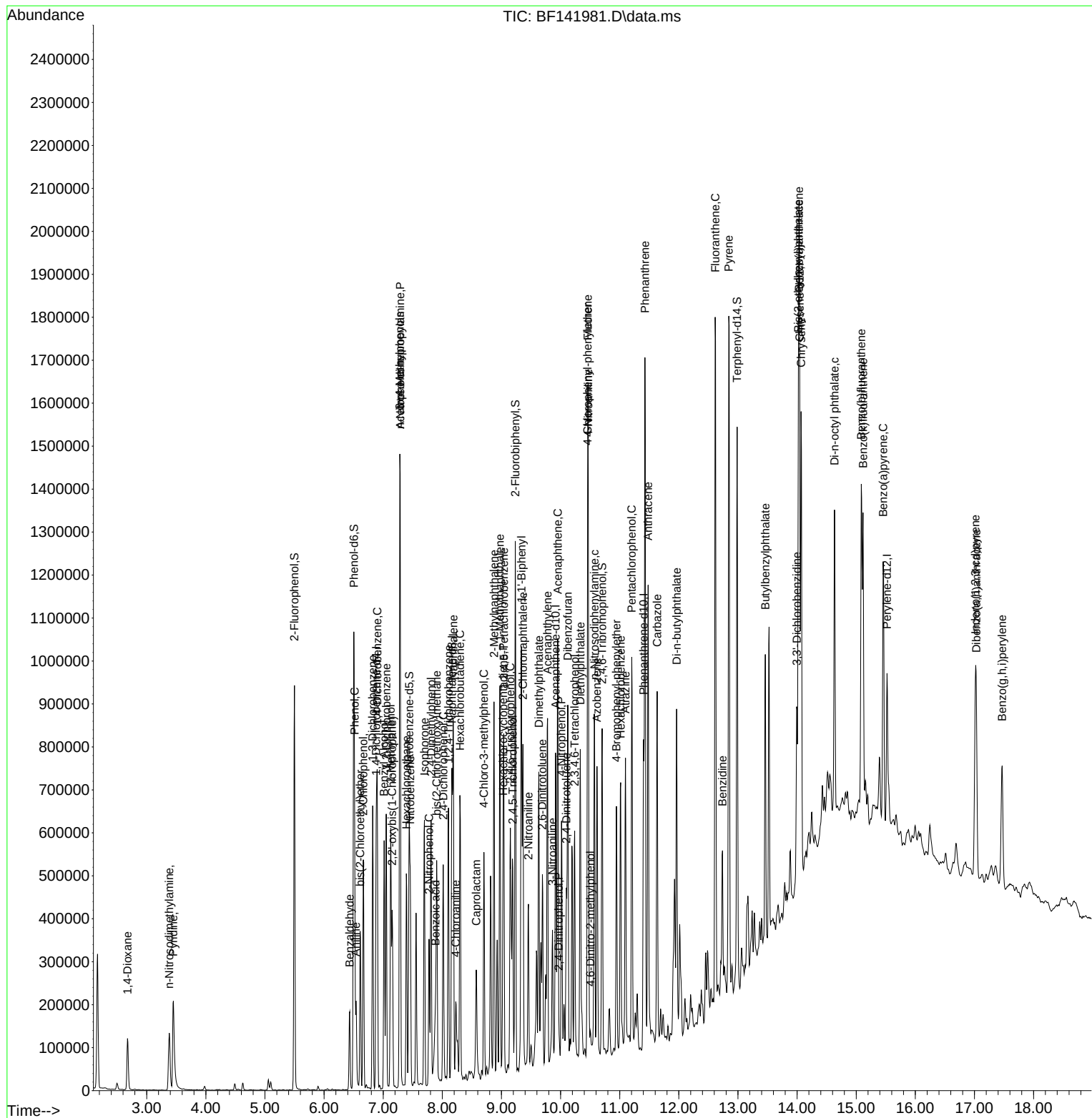
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 Data File : BF141981.D
 Acq On : 17 Mar 2025 15:00
 Operator : RC/JU
 Sample : Q1585-01MSD 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

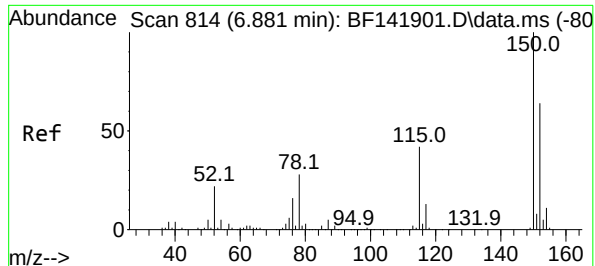
Instrument :
 BNA_F
 ClientSampleId :
 OK-02-03142025MSD

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 03/18/2025
 Supervised By :Jagrut Upadhyay 03/18/2025

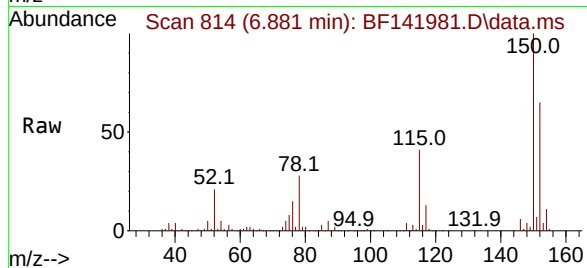
Quant Time: Mar 17 15:36:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

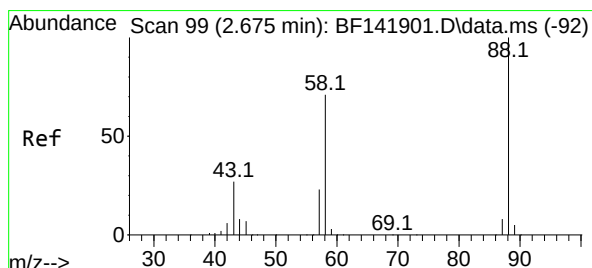
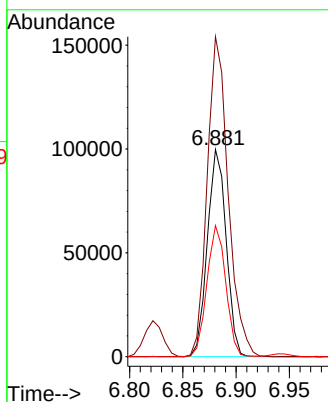
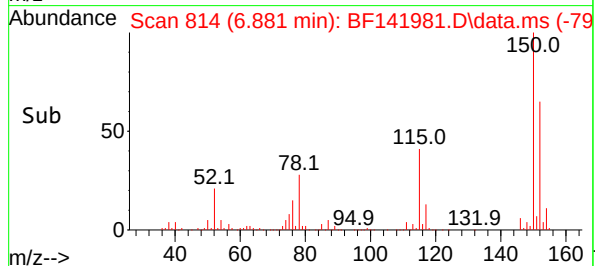
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MSD



Tgt Ion:152 Resp: 122962
Ion Ratio Lower Upper
152 100
150 154.4 127.4 191.2
115 63.2 51.9 77.9

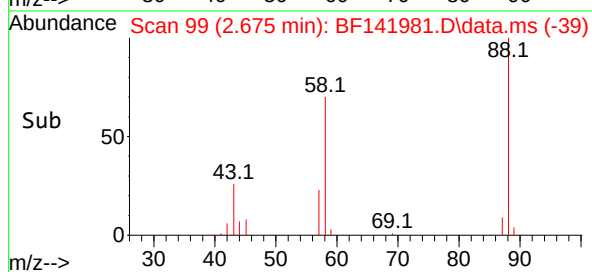
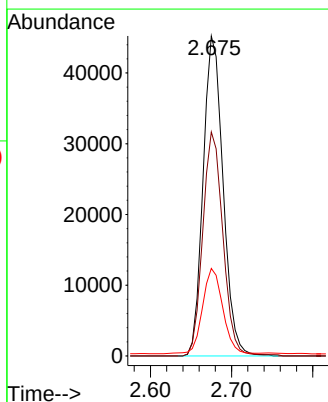
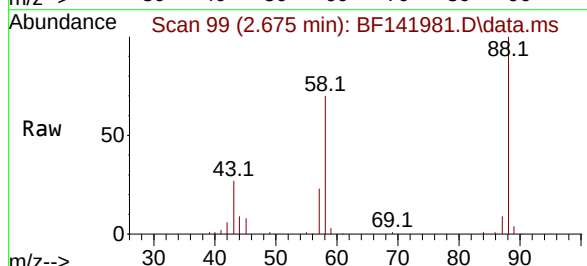
Manual Integrations
APPROVED

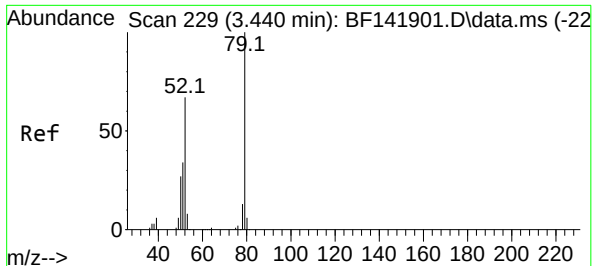
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#2
1,4-Dioxane
Concen: 24.986 ng
RT: 2.675 min Scan# 99
Delta R.T. 0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

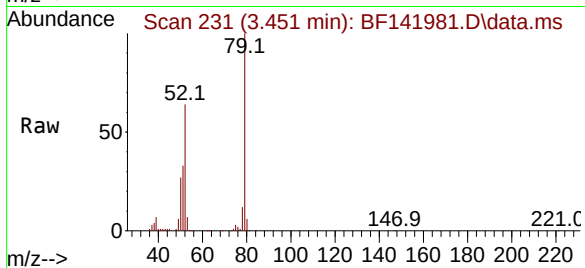
Tgt Ion: 88 Resp: 77134
Ion Ratio Lower Upper
88 100
58 70.4 57.4 86.2
43 27.0 21.5 32.3





#3
Pyridine
Concen: 21.802 ng
RT: 3.451 min Scan# 219
Delta R.T. 0.012 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

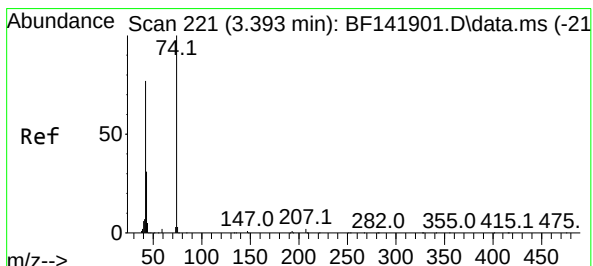
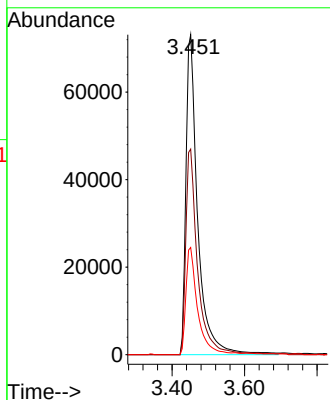
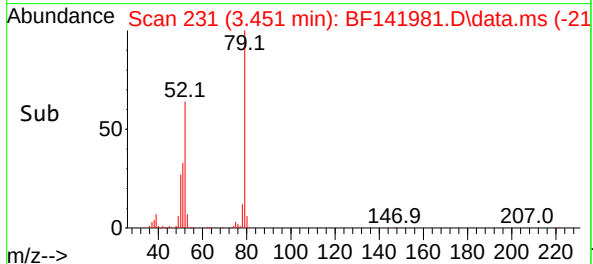
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MSD



Tgt Ion: 79 Resp: 165090
Ion Ratio Lower Upper
79 100
52 64.2 53.3 79.9
51 33.5 27.6 41.4

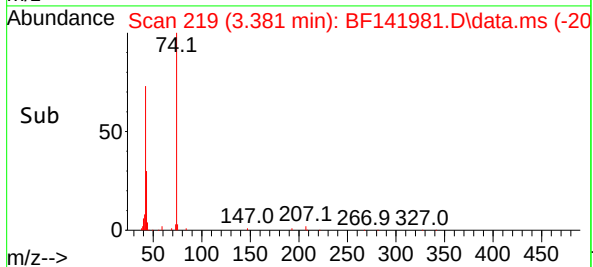
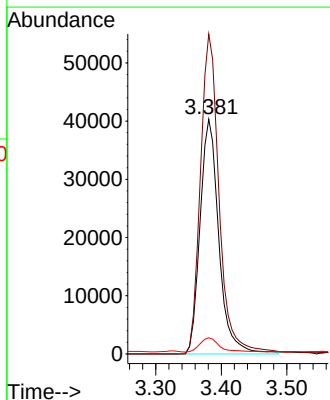
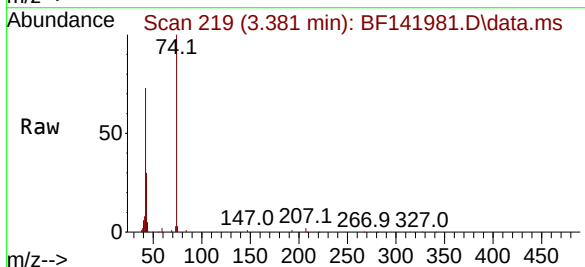
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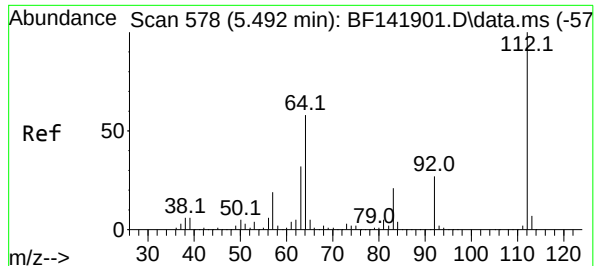
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#4
n-Nitrosodimethylamine
Concen: 22.291 ng
RT: 3.381 min Scan# 219
Delta R.T. -0.012 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

Tgt Ion: 42 Resp: 80462
Ion Ratio Lower Upper
42 100
74 136.3 103.4 155.0
44 6.9 5.0 7.4





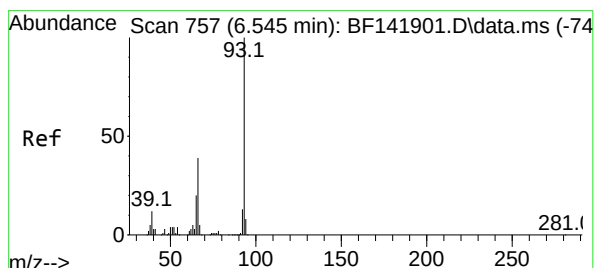
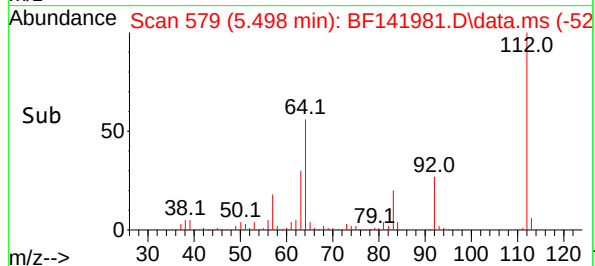
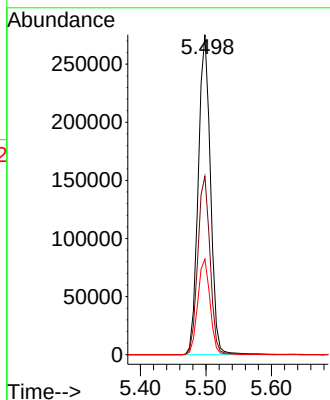
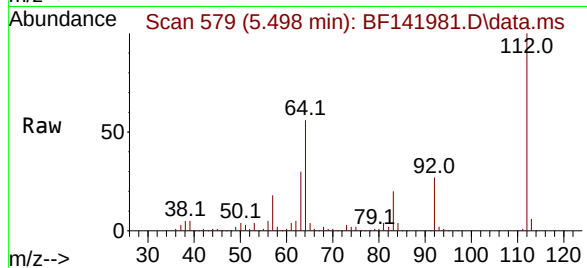
#5
2-Fluorophenol
Concen: 48.561 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MSD

Tgt Ion:112 Resp: 357779
Ion Ratio Lower Upper
112 100
64 55.8 46.5 69.7
63 29.9 25.4 38.2

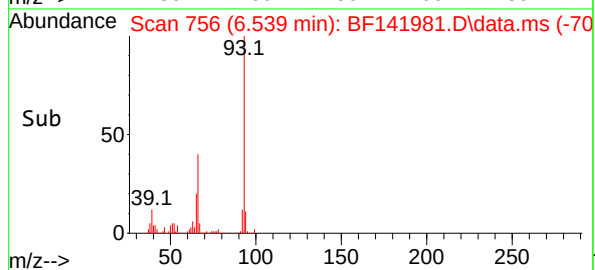
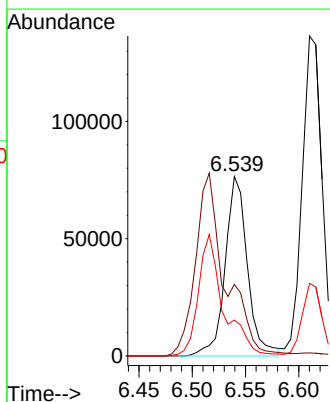
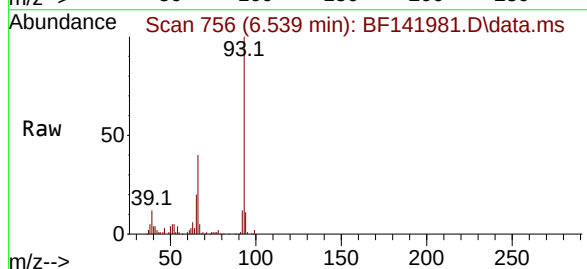
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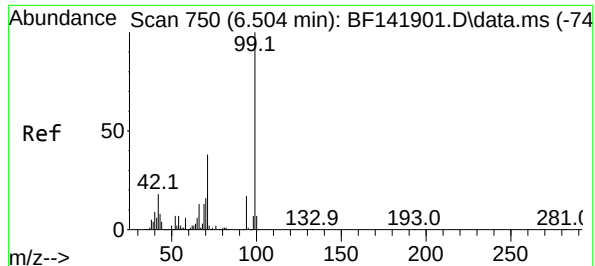
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#6
Aniline
Concen: 12.004 ng
RT: 6.539 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

Tgt Ion: 93 Resp: 111079
Ion Ratio Lower Upper
93 100
66 39.8 31.9 47.9
65 20.0 15.8 23.6





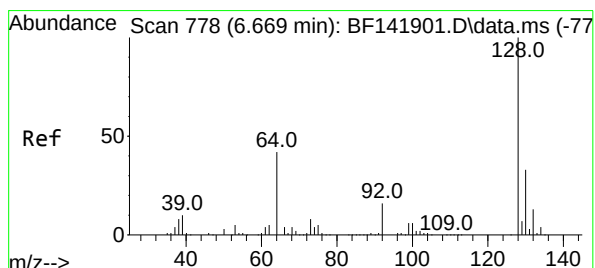
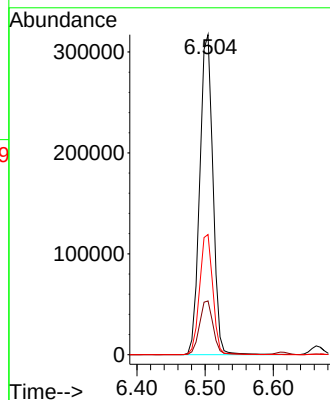
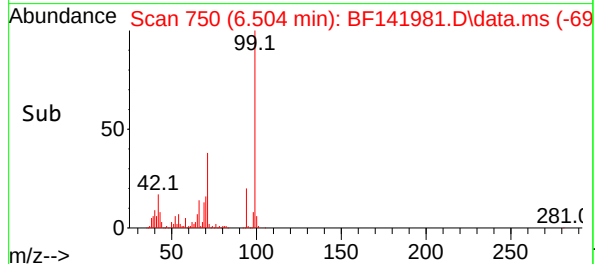
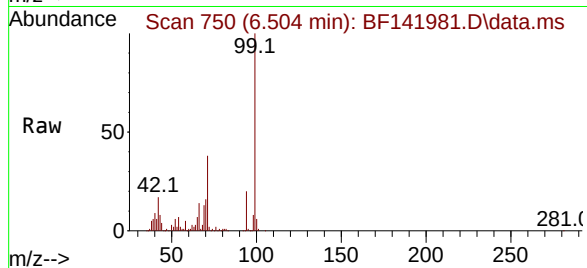
#7
Phenol-d6
Concen: 45.377 ng
RT: 6.504 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MSD

Tgt Ion: 99 Resp: 42566
Ion Ratio Lower Upper
99 100
42 16.8 14.6 21.8
71 37.6 30.8 46.2

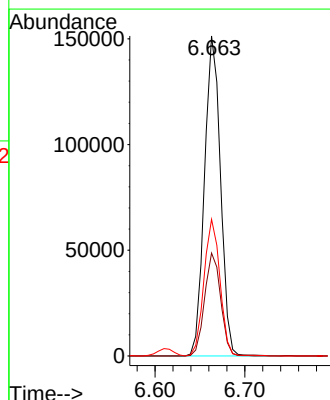
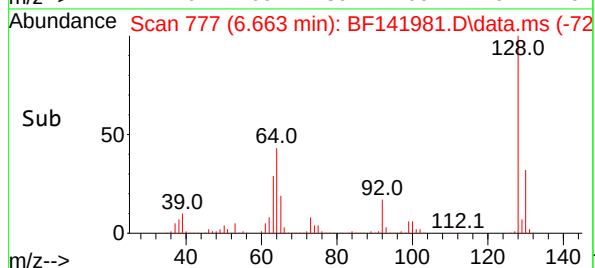
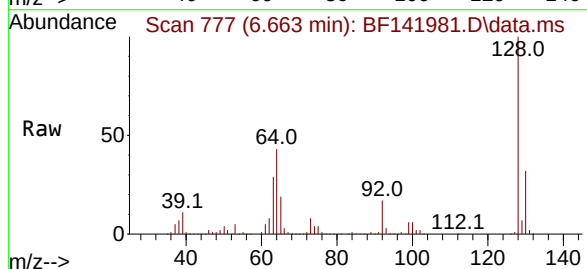
Manual Integrations
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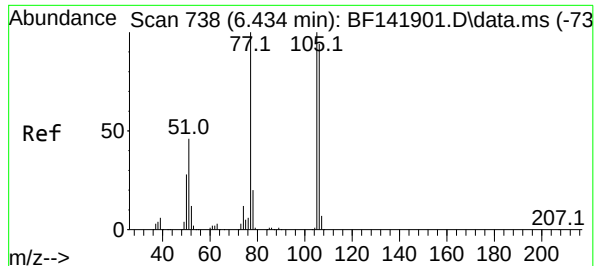
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#8
2-Chlorophenol
Concen: 22.971 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.006 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

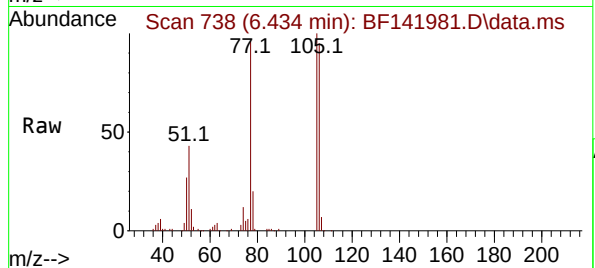
Tgt Ion:128 Resp: 187703
Ion Ratio Lower Upper
128 100
130 32.1 12.8 52.8
64 42.7 24.4 64.4





#9
Benzaldehyde
Concen: 9.671 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

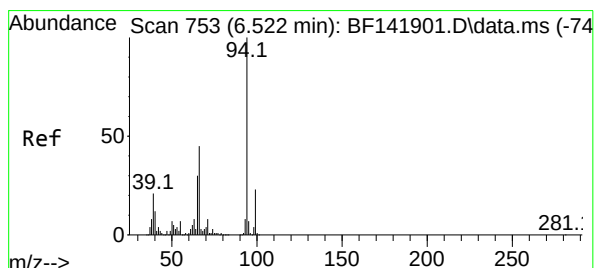
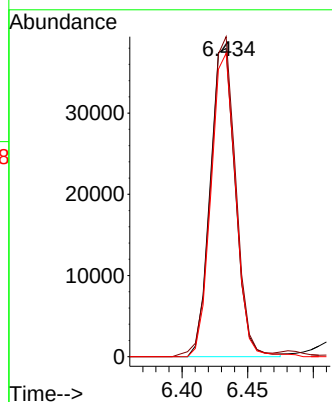
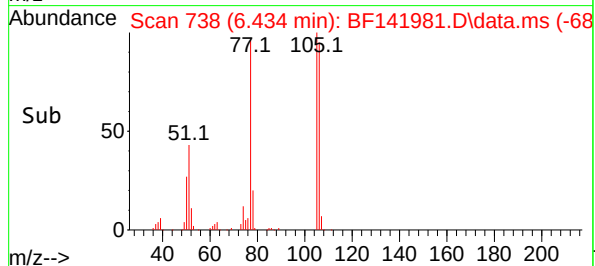
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MSD



Tgt Ion: 77 Resp: 50735
Ion Ratio Lower Upper
77 100
105 103.9 80.0 120.0
106 98.5 74.5 114.5

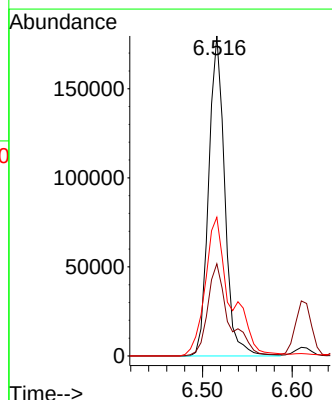
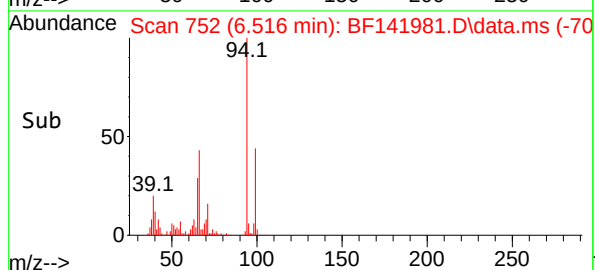
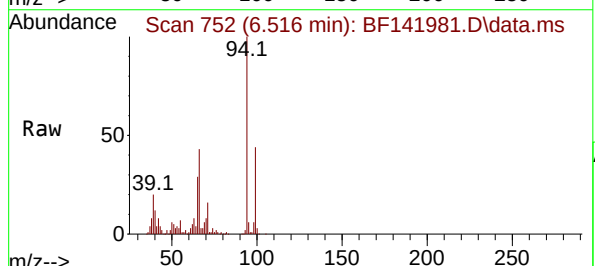
Manual Integrations
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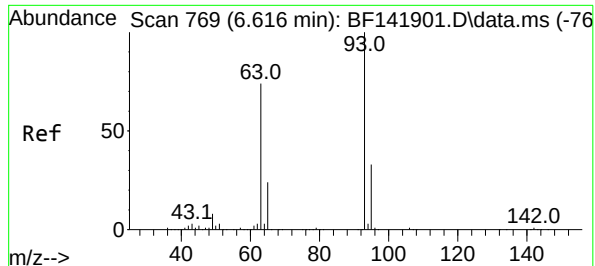
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#10
Phenol
Concen: 22.599 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

Tgt Ion: 94 Resp: 223020
Ion Ratio Lower Upper
94 100
65 28.8 10.5 50.5
66 43.4 25.8 65.8





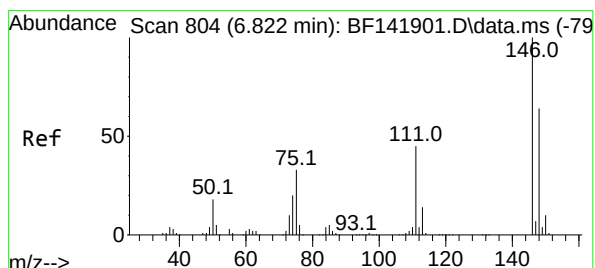
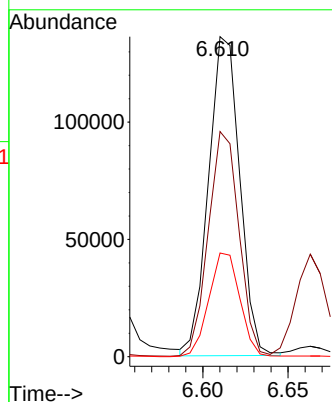
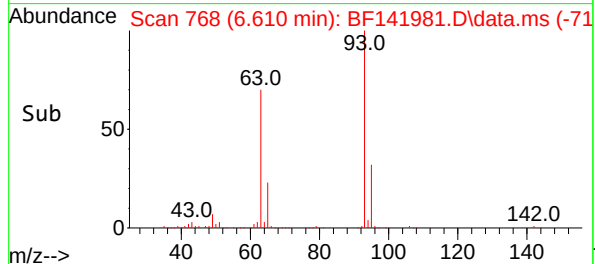
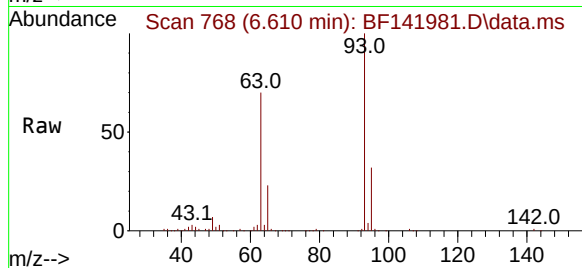
#11
bis(2-Chloroethyl)ether
Concen: 23.429 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MSD

Tgt Ion: 93 Resp: 173610
Ion Ratio Lower Upper
93 100
63 70.4 53.0 93.0
95 32.4 12.9 52.9

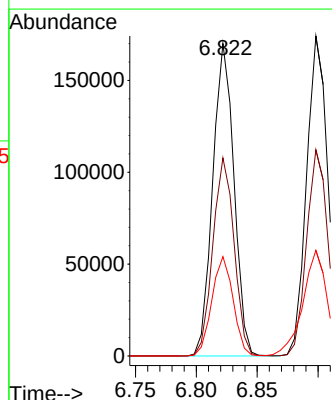
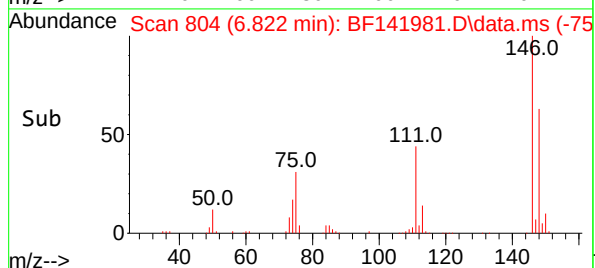
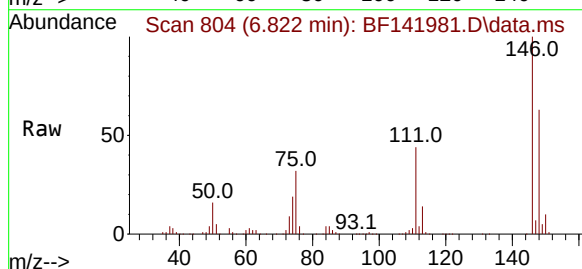
Manual Integrations
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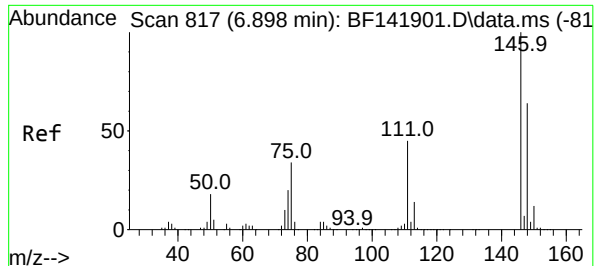
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#12
1,3-Dichlorobenzene
Concen: 23.395 ng
RT: 6.822 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

Tgt Ion:146 Resp: 206380
Ion Ratio Lower Upper
146 100
148 63.4 51.3 76.9
75 31.8 26.6 40.0





#13

1,4-Dichlorobenzene

Concen: 23.620 ng

RT: 6.898 min Scan# 817

Delta R.T. 0.000 min

Lab File: BF141981.D

Acq: 17 Mar 2025 15:00

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MSD

Tgt Ion:146 Resp: 210820

Ion Ratio Lower Upper

146 100

148 64.4 51.0 76.6

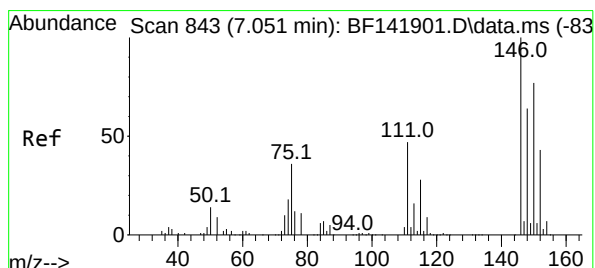
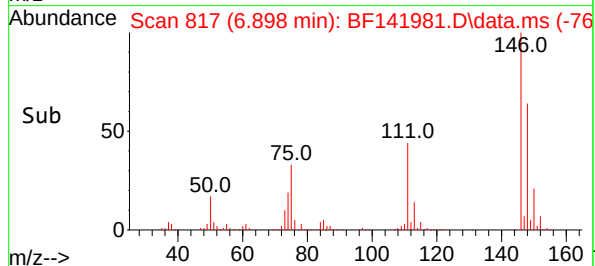
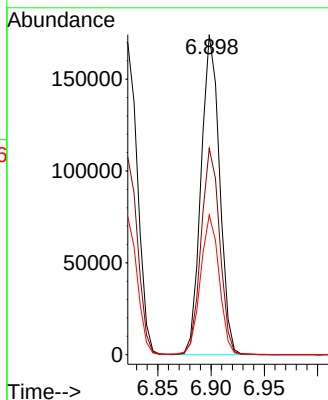
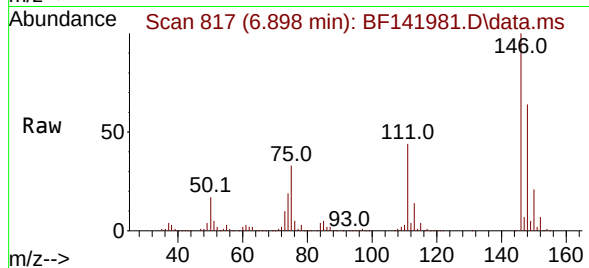
111 43.6 35.7 53.5

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/18/2025

Supervised By :Jagrut Upadhyay 03/18/2025



#14

1,2-Dichlorobenzene

Concen: 23.314 ng

RT: 7.051 min Scan# 843

Delta R.T. 0.000 min

Lab File: BF141981.D

Acq: 17 Mar 2025 15:00

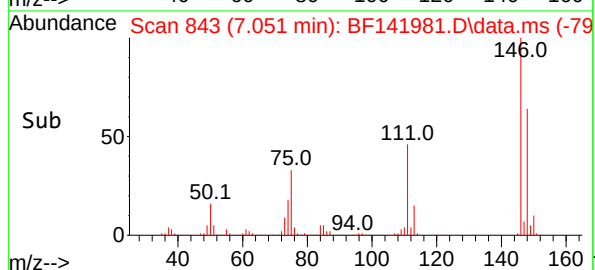
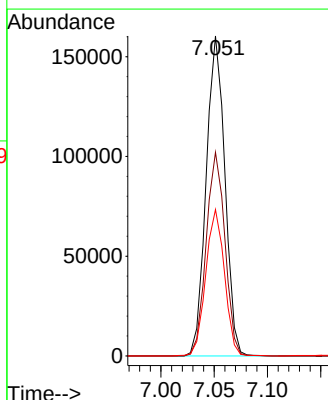
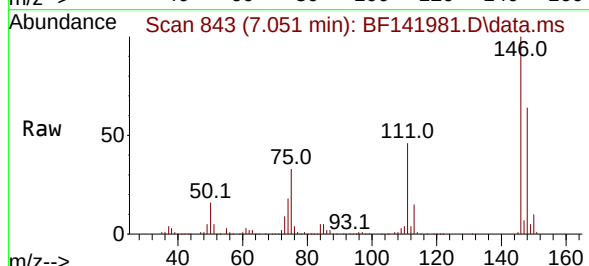
Tgt Ion:146 Resp: 196004

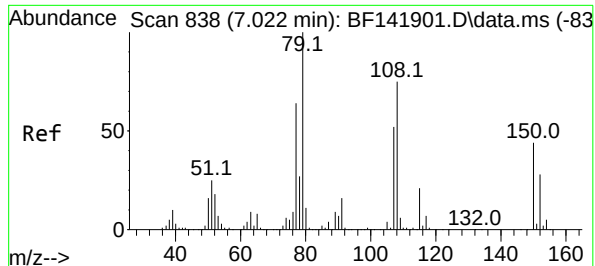
Ion Ratio Lower Upper

146 100

148 63.7 50.8 76.2

111 45.7 38.0 57.0





#15

Benzyl Alcohol

Concen: 21.128 ng

RT: 7.016 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF141981.D

Acq: 17 Mar 2025 15:00

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MSD

Tgt Ion: 79 Resp: 160230

Ion Ratio Lower Upper

79 100

108 74.1 59.7 89.5

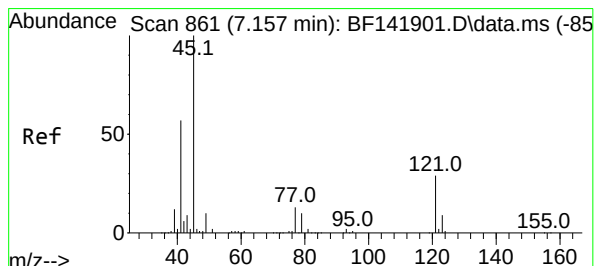
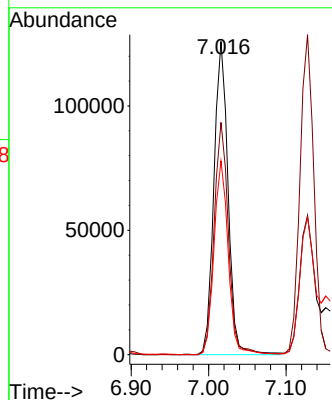
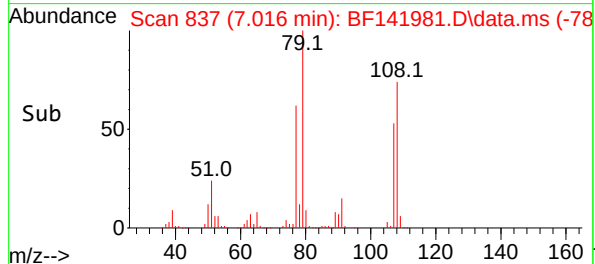
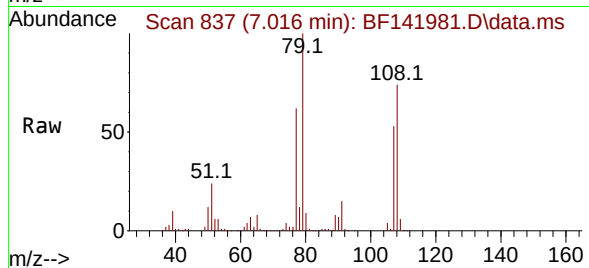
77 61.8 51.0 76.6

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/18/2025

Supervised By :Jagrut Upadhyay 03/18/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 21.260 ng

RT: 7.151 min Scan# 860

Delta R.T. -0.006 min

Lab File: BF141981.D

Acq: 17 Mar 2025 15:00

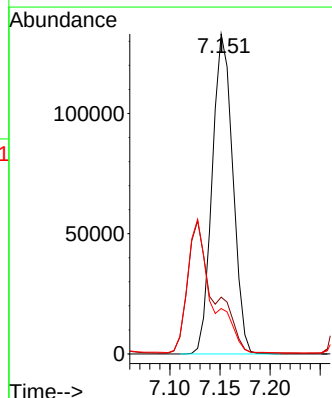
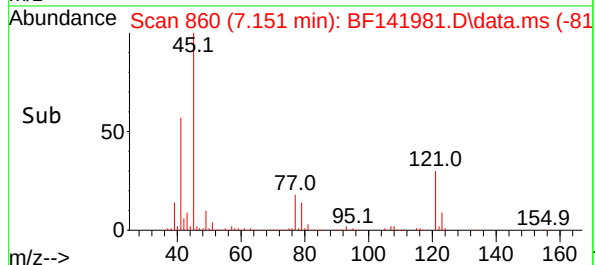
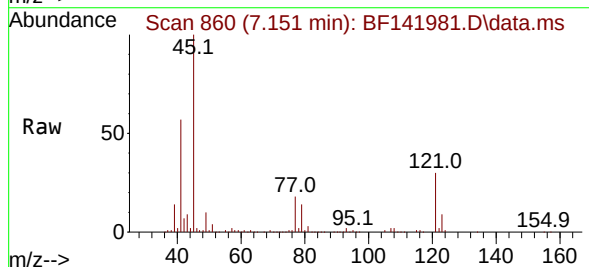
Tgt Ion: 45 Resp: 190198

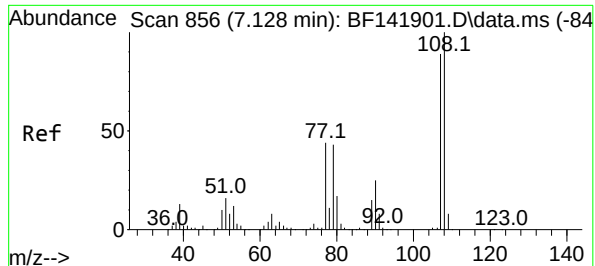
Ion Ratio Lower Upper

45 100

77 17.7 0.0 37.8

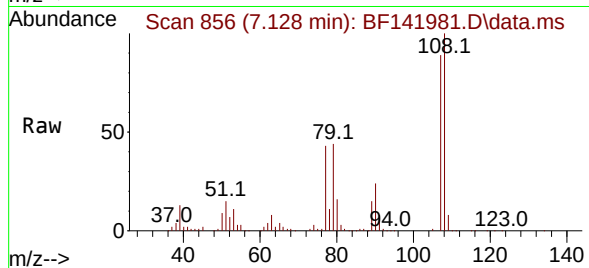
79 14.2 0.0 34.2





#17
2-Methylphenol
Concen: 21.820 ng
RT: 7.128 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

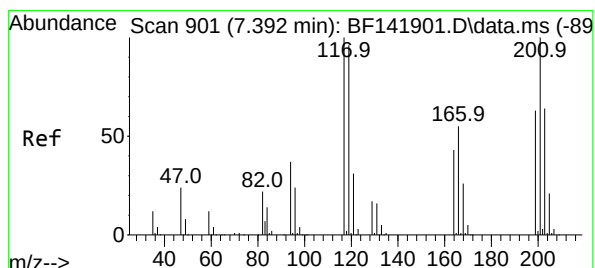
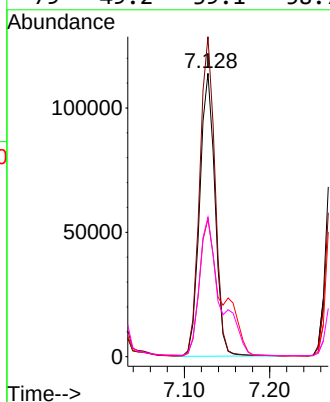
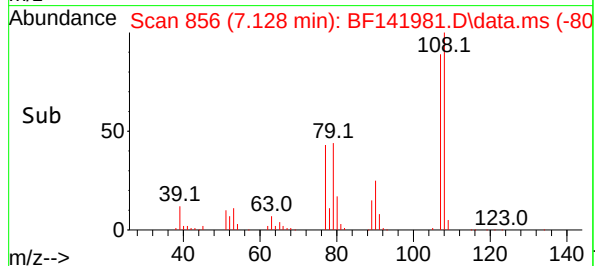
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MSD



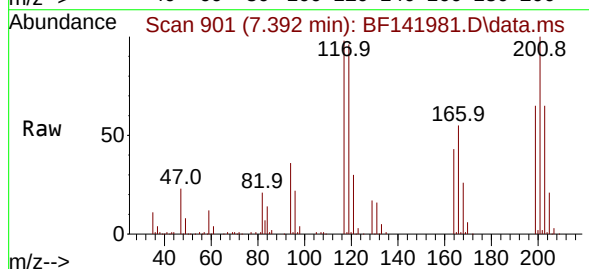
Tgt Ion:107 Resp: 14176
Ion Ratio Lower Upper
107 100
108 112.9 90.2 135.2
77 48.6 39.6 59.4
79 49.2 39.1 58.7

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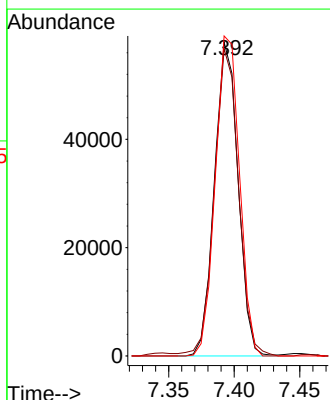
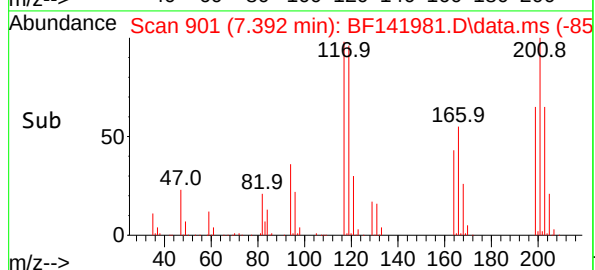
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025

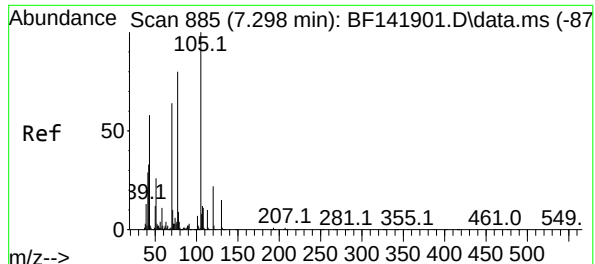


#18
Hexachloroethane
Concen: 21.668 ng
RT: 7.392 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00



Tgt Ion:117 Resp: 72524
Ion Ratio Lower Upper
117 100
119 97.9 76.9 115.3
201 102.0 79.9 119.9





#19

n-Nitroso-di-n-propylamine

Concen: 20.871 ng

RT: 7.286 min Scan# 885

Delta R.T. -0.012 min

Lab File: BF141981.D

Acq: 17 Mar 2025 15:00

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MSD

Tgt Ion: 70 Resp: 125800

Ion Ratio Lower Upper

70 100

42 52.1 41.4 62.0

101 10.4 8.2 12.2

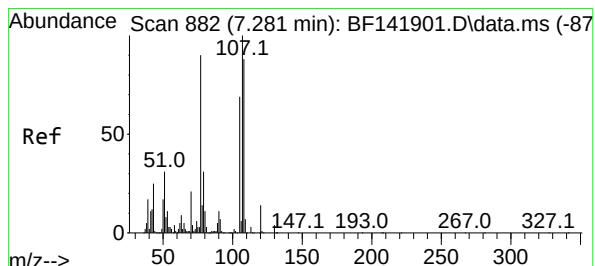
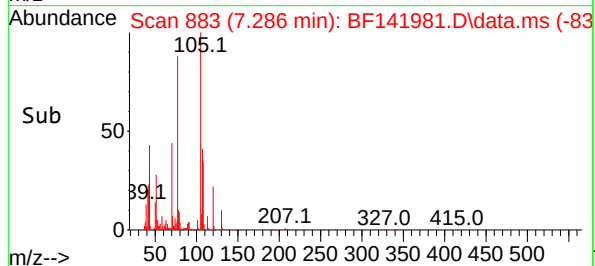
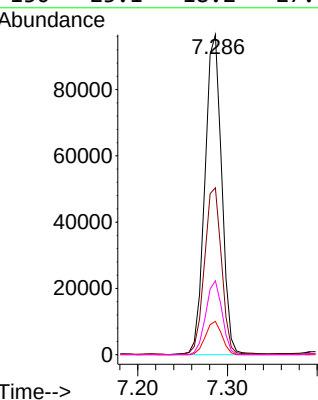
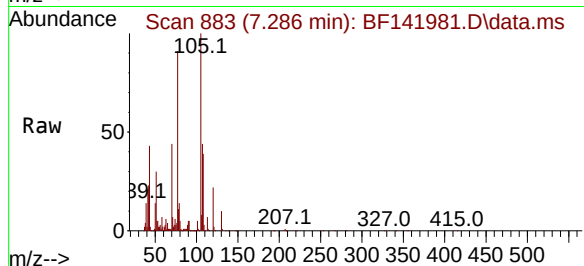
130 23.1 18.2 27.4

Manual Integrations

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Reviewed By :Anahy Claudio 03/18/2025

Supervised By :Jagrut Upadhyay 03/18/2025



#20

3+4-Methylphenols

Concen: 22.238 ng

RT: 7.281 min Scan# 882

Delta R.T. 0.000 min

Lab File: BF141981.D

Acq: 17 Mar 2025 15:00

Tgt Ion:107 Resp: 185060

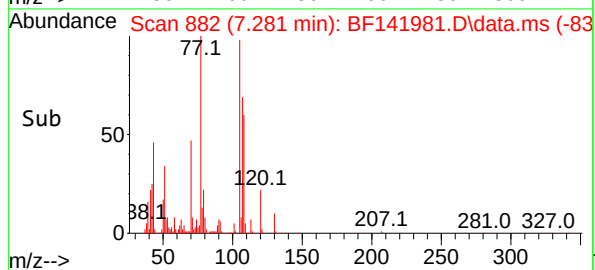
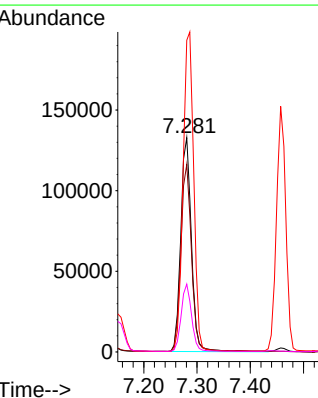
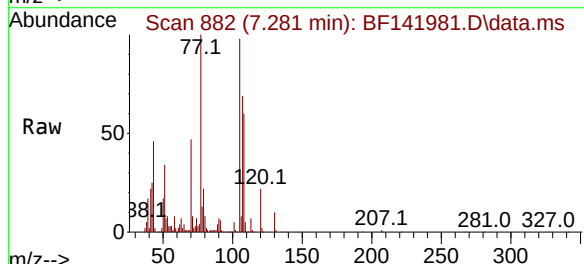
Ion Ratio Lower Upper

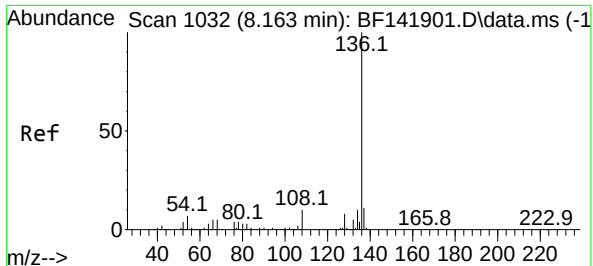
107 100

108 87.6 68.4 108.4

77 145.5 69.7 109.7#

79 31.7 11.4 51.4





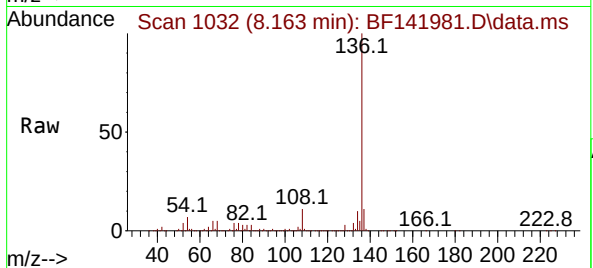
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MSD

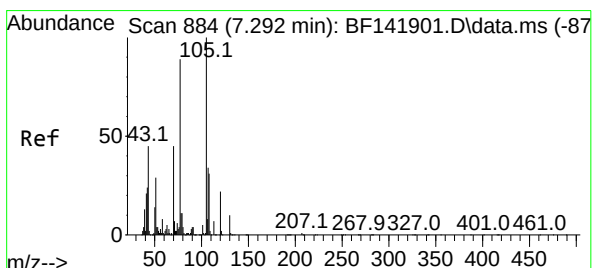
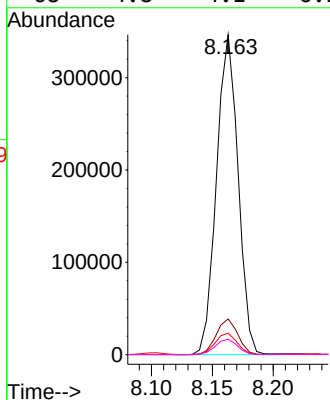
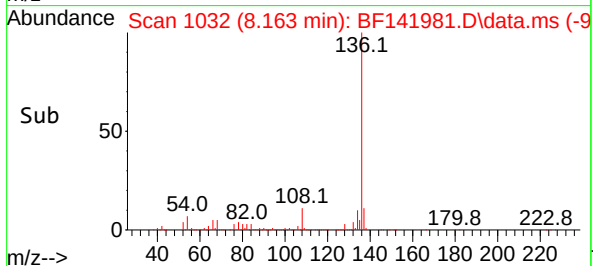


Tgt Ion:136 Resp: 428074
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 6.7 5.8 8.8
68 4.8 4.1 6.1

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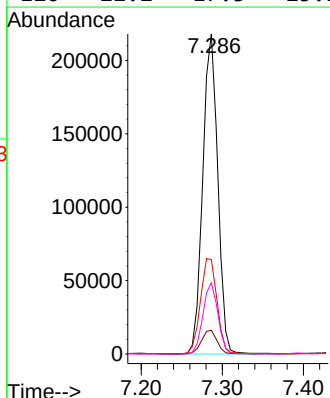
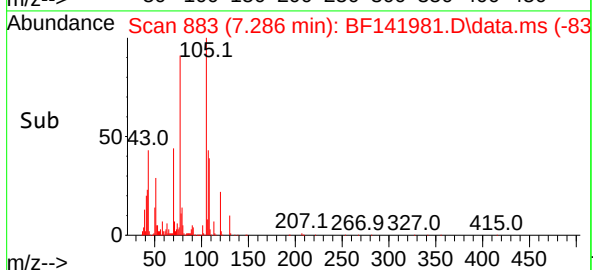
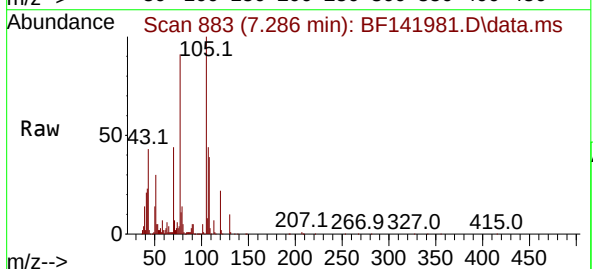
APPROVED

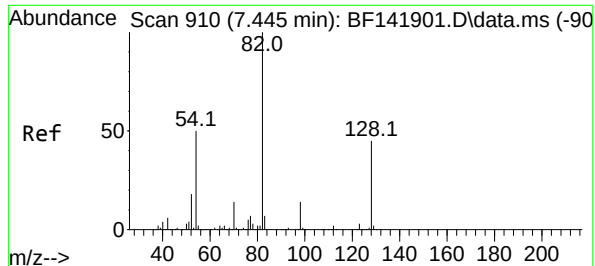
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#22
Acetophenone
Concen: 27.299 ng
RT: 7.286 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

Tgt Ion:105 Resp: 279857
Ion Ratio Lower Upper
105 100
71 7.4 5.8 8.8
51 29.5 23.4 35.0
120 22.2 17.3 25.9





#23

Nitrobenzene-d5

Concen: 34.953 ng

RT: 7.439 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF141981.D

Acq: 17 Mar 2025 15:00

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MSD

Tgt Ion: 82 Resp: 265878

Ion Ratio Lower Upper

82 100

128 43.9 36.0 54.0

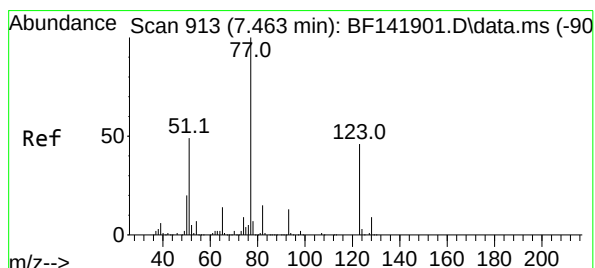
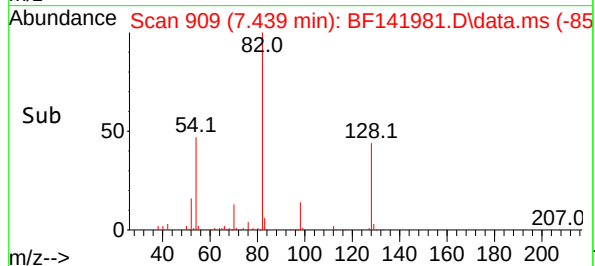
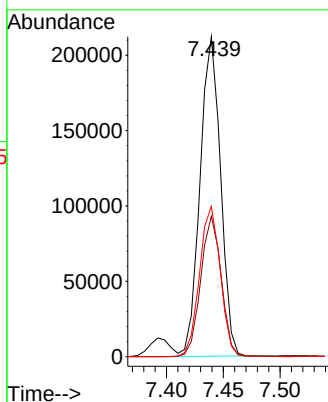
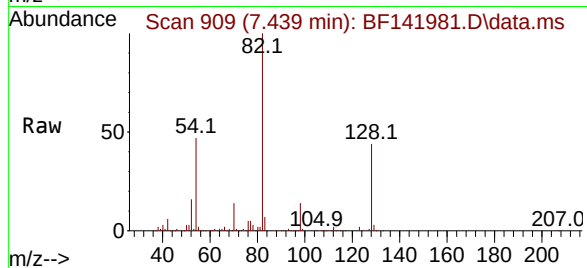
54 47.0 39.6 59.4

Manual Integrations

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Reviewed By :Anahy Claudio 03/18/2025

Supervised By :Jagrut Upadhyay 03/18/2025



#24

Nitrobenzene

Concen: 24.276 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.006 min

Lab File: BF141981.D

Acq: 17 Mar 2025 15:00

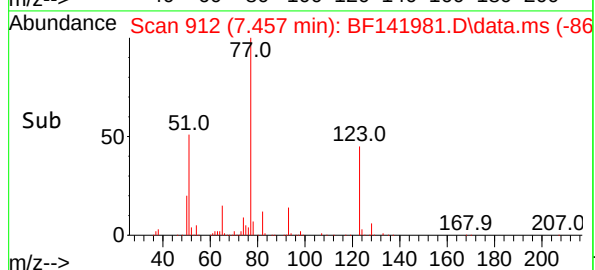
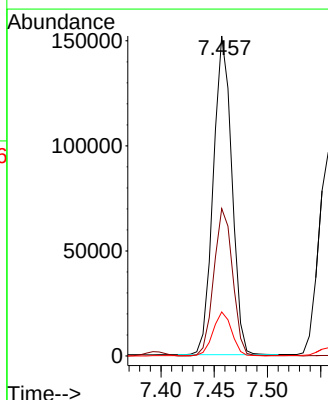
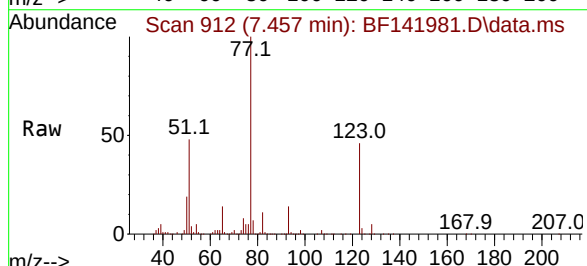
Tgt Ion: 77 Resp: 183578

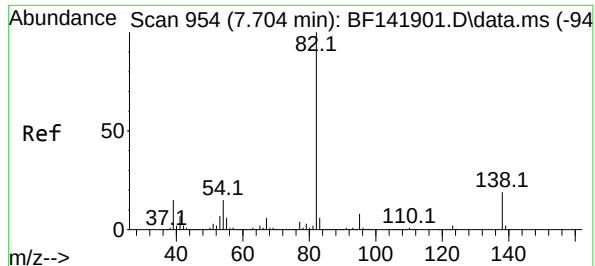
Ion Ratio Lower Upper

77 100

123 46.1 37.0 55.4

65 13.7 11.3 16.9





#25

Isophorone

Concen: 24.809 ng

RT: 7.698 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141981.D

Acq: 17 Mar 2025 15:00

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MSD

Tgt Ion: 82 Resp: 333584

Ion Ratio Lower Upper

82 100

95 8.5 6.4 9.6

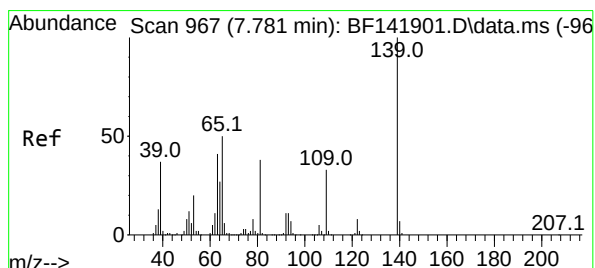
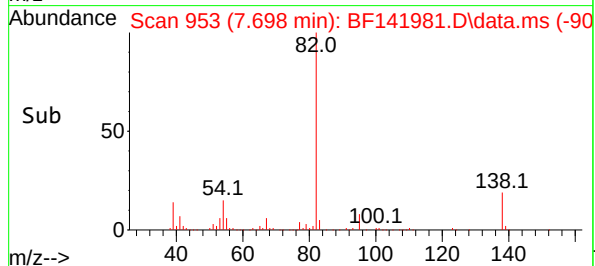
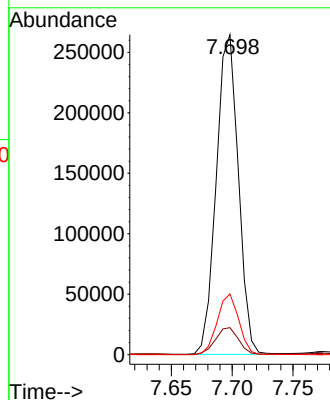
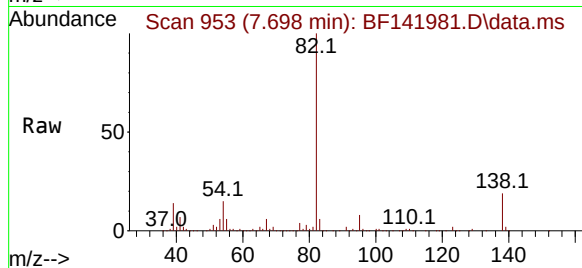
138 18.9 14.9 22.3

Manual Integrations

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Reviewed By :Anahy Claudio 03/18/2025

Supervised By :Jagrut Upadhyay 03/18/2025



#26

2-Nitrophenol

Concen: 22.089 ng

RT: 7.775 min Scan# 966

Delta R.T. -0.006 min

Lab File: BF141981.D

Acq: 17 Mar 2025 15:00

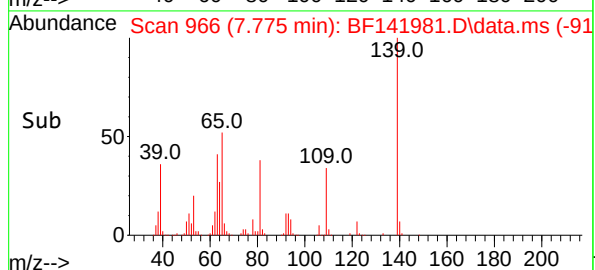
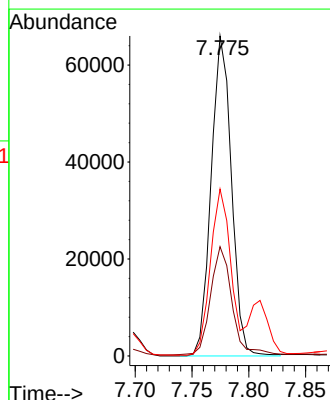
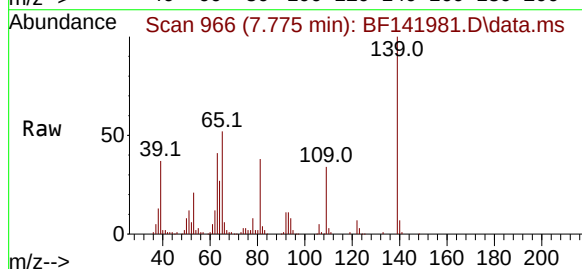
Tgt Ion:139 Resp: 81983

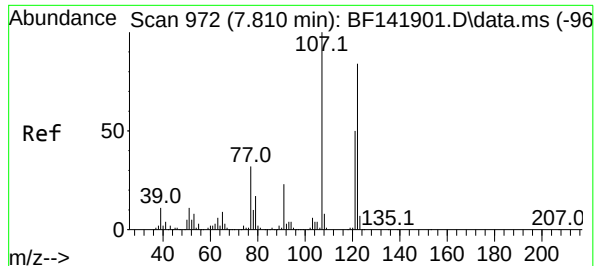
Ion Ratio Lower Upper

139 100

109 34.2 26.5 39.7

65 52.2 40.3 60.5





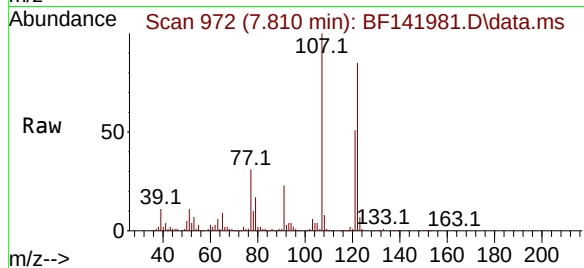
#27
2,4-Dimethylphenol
Concen: 28.780 ng
RT: 7.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MSD

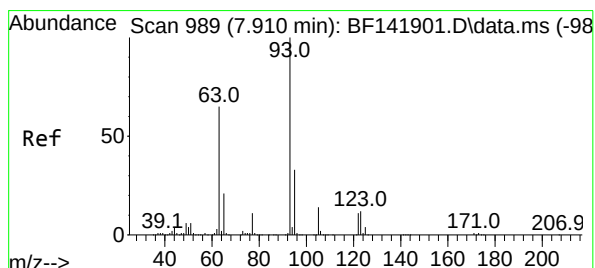
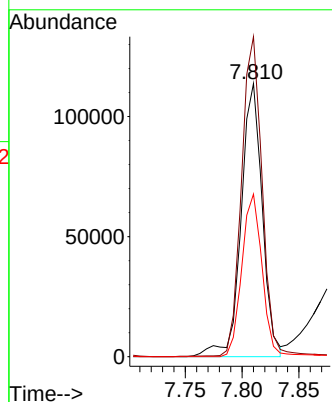
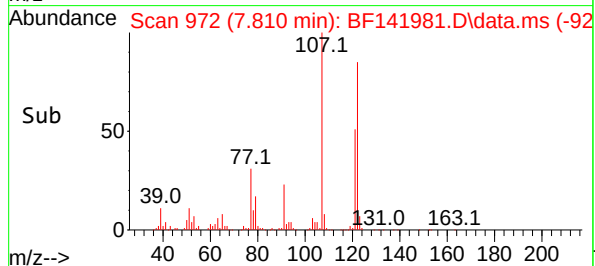


Tgt Ion:122 Resp: 147078
Ion Ratio Lower Upper
122 100
107 117.2 94.8 142.2
121 59.5 47.8 71.6

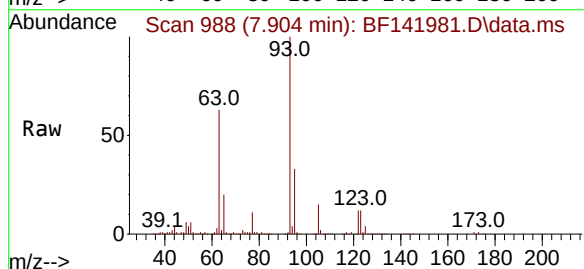
Manual Integrations

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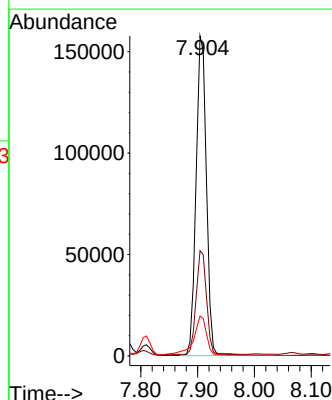
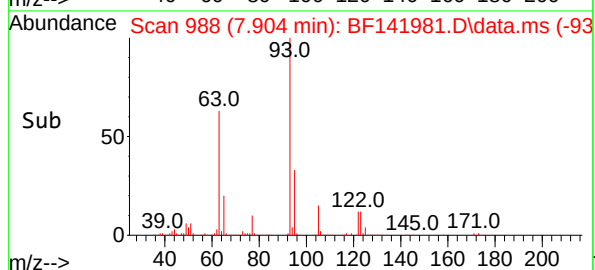
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025

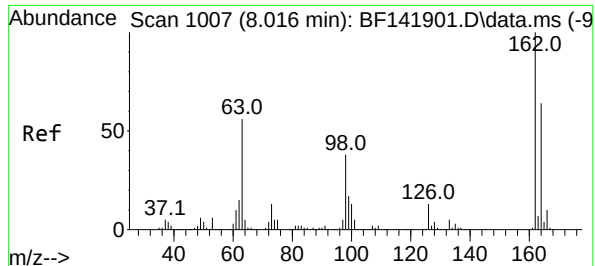


#28
bis(2-Chloroethoxy)methane
Concen: 23.801 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.006 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00



Tgt Ion: 93 Resp: 200722
Ion Ratio Lower Upper
93 100
95 32.9 26.6 40.0
123 12.4 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 22.886 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF141981.D

Acq: 17 Mar 2025 15:00

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MSD

Tgt Ion:162 Resp: 145170

Ion Ratio Lower Upper

162 100

164 64.5 43.8 83.8

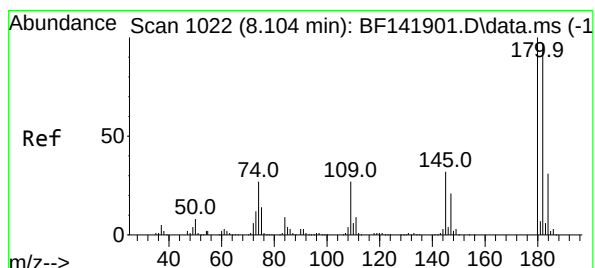
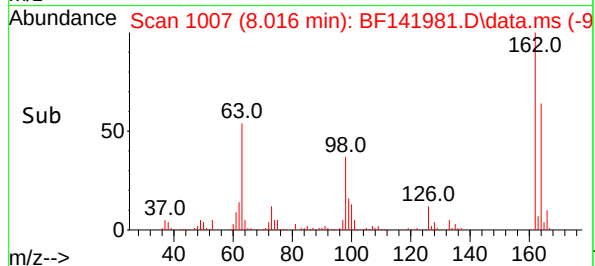
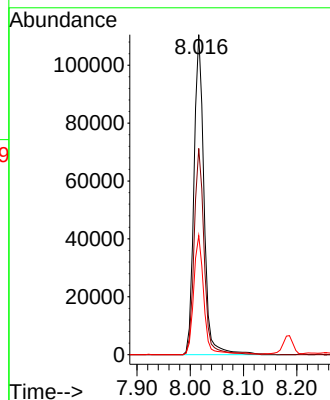
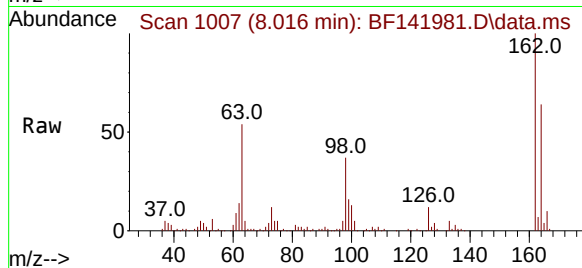
98 37.2 18.1 58.1

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/18/2025

Supervised By :Jagrut Upadhyay 03/18/2025



#30

1,2,4-Trichlorobenzene

Concen: 23.607 ng

RT: 8.104 min Scan# 1022

Delta R.T. 0.000 min

Lab File: BF141981.D

Acq: 17 Mar 2025 15:00

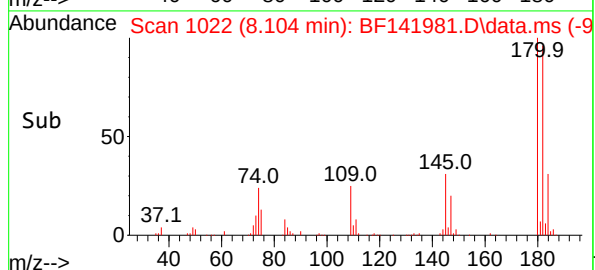
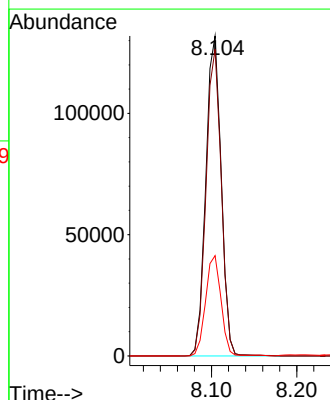
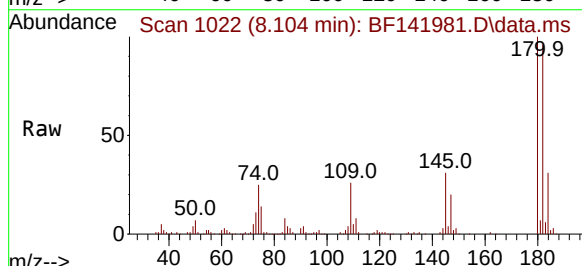
Tgt Ion:180 Resp: 165028

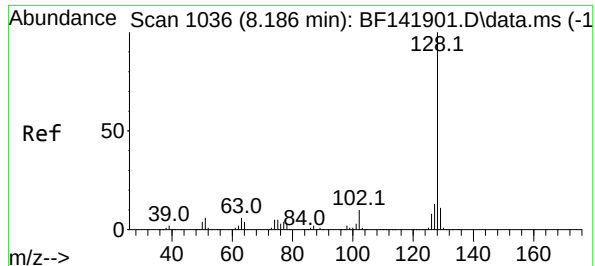
Ion Ratio Lower Upper

180 100

182 95.9 77.5 116.3

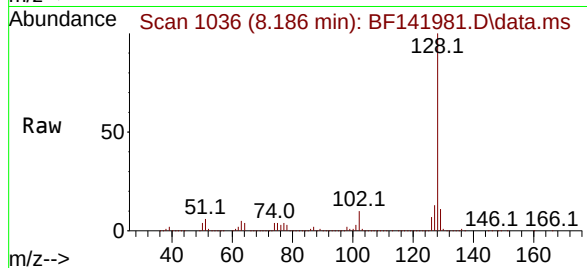
145 31.3 25.8 38.6





#31
Naphthalene
Concen: 23.852 ng
RT: 8.186 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

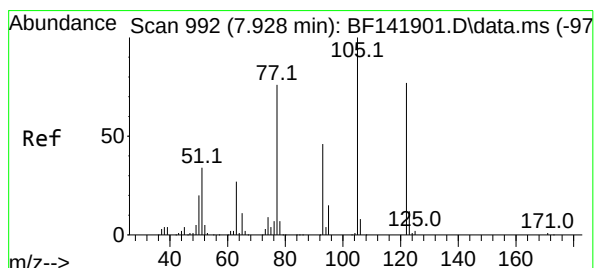
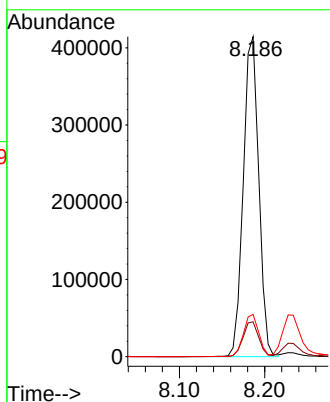
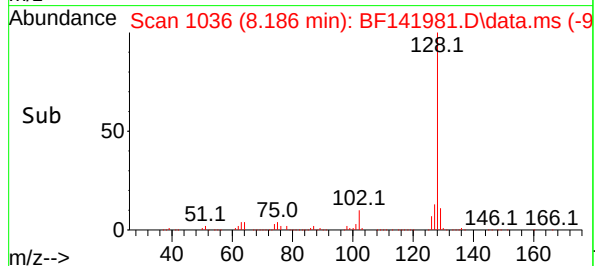
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MSD



Tgt Ion:128 Resp: 52450
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.2 10.8 16.2

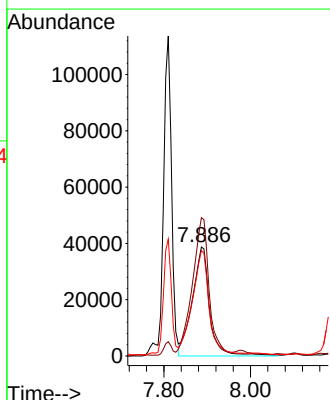
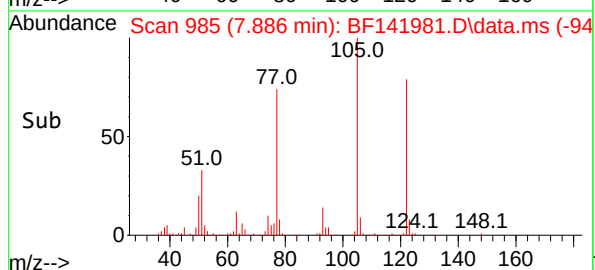
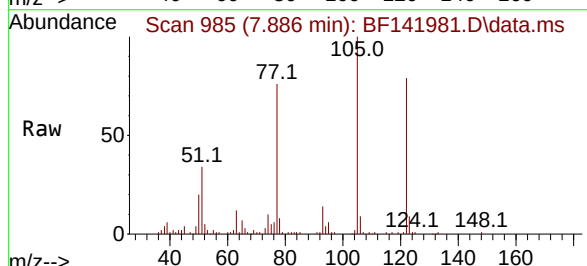
Manual Integrations
APPROVED

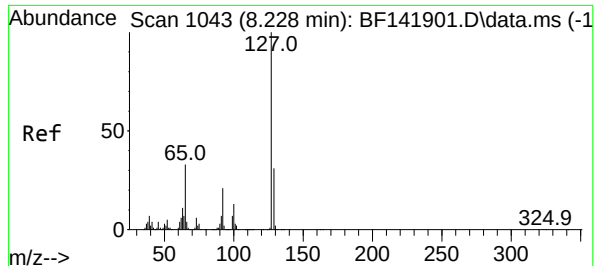
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#32
Benzoic acid
Concen: 24.097 ng m
RT: 7.886 min Scan# 985
Delta R.T. -0.042 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

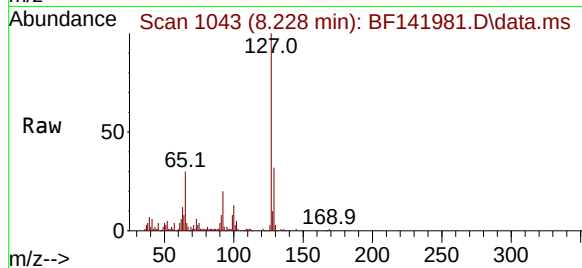
Tgt Ion:122 Resp: 108252
Ion Ratio Lower Upper
122 100
105 127.0 107.9 147.9
77 96.8 79.0 119.0





#33
4-Chloroaniline
Concen: 11.205 ng
RT: 8.228 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

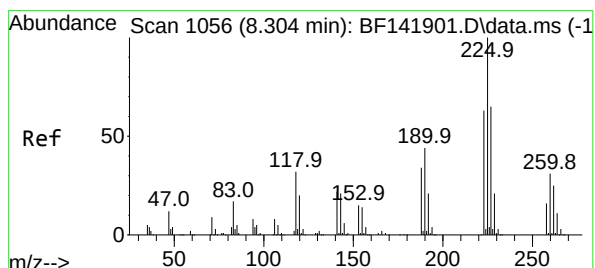
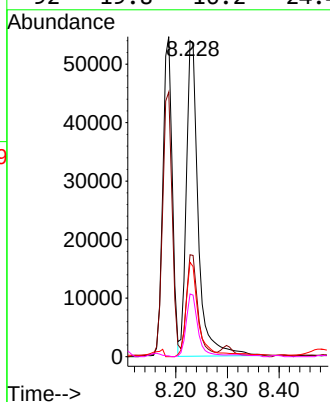
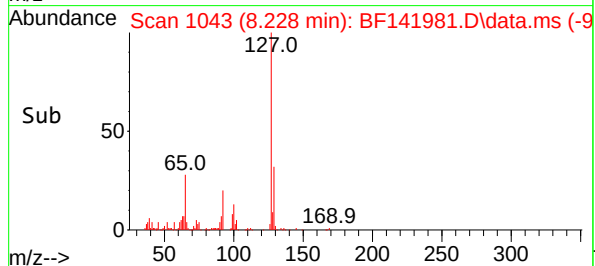
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MSD



Tgt Ion:127 Resp: 86978
Ion Ratio Lower Upper
127 100
129 32.3 26.2 39.4
65 29.9 25.4 38.2
92 19.8 16.2 24.4

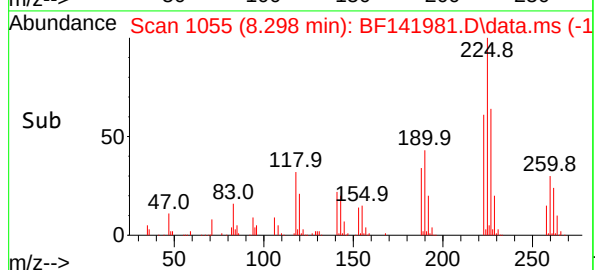
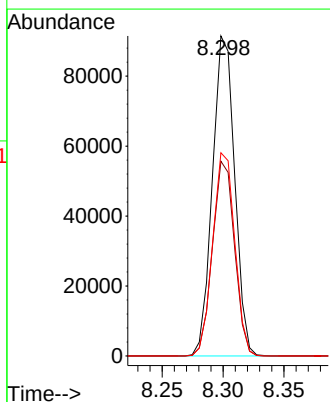
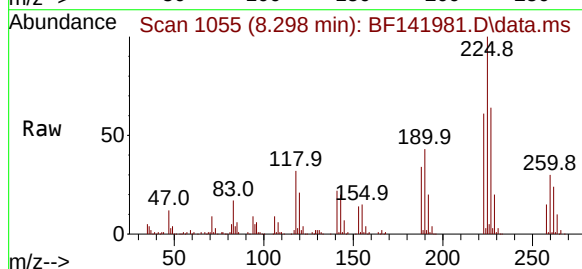
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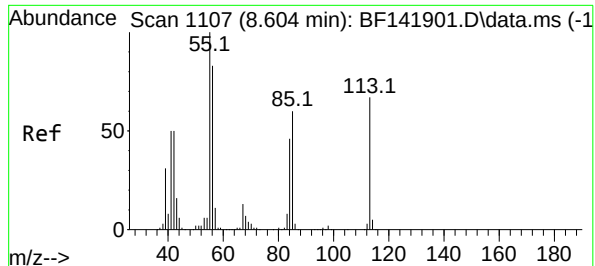
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#34
Hexachlorobutadiene
Concen: 25.465 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.006 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

Tgt Ion:225 Resp: 116089
Ion Ratio Lower Upper
225 100
223 60.9 50.6 75.8
227 63.5 52.2 78.2





#35

Caprolactam

Concen: 24.448 ng

RT: 8.575 min Scan# 1102

Delta R.T. -0.029 min

Lab File: BF141981.D

Acq: 17 Mar 2025 15:00

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MSD

Tgt Ion:113 Resp: 4728

Ion Ratio Lower Upper

113 100

55 148.8 129.6 169.6

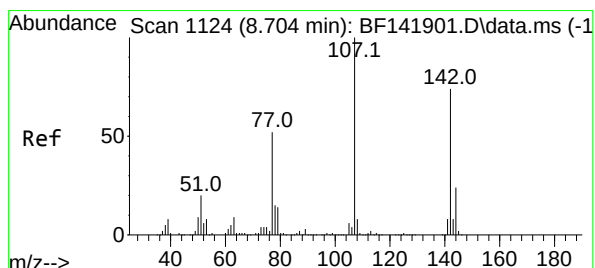
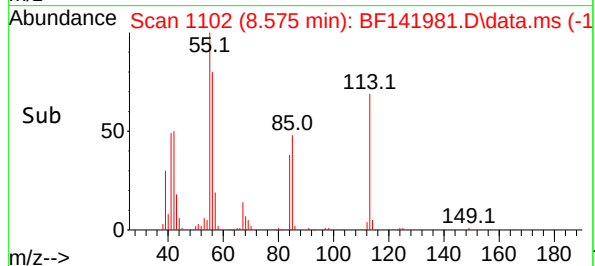
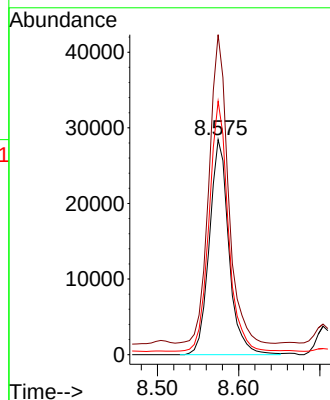
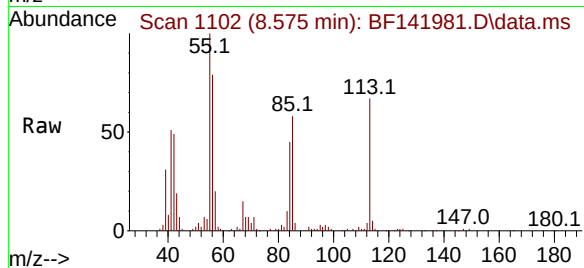
56 117.9 104.0 144.0

Manual Integrations

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Reviewed By :Anahy Claudio 03/18/2025

Supervised By :Jagrut Upadhyay 03/18/2025



#36

4-Chloro-3-methylphenol

Concen: 21.000 ng

RT: 8.704 min Scan# 1124

Delta R.T. 0.000 min

Lab File: BF141981.D

Acq: 17 Mar 2025 15:00

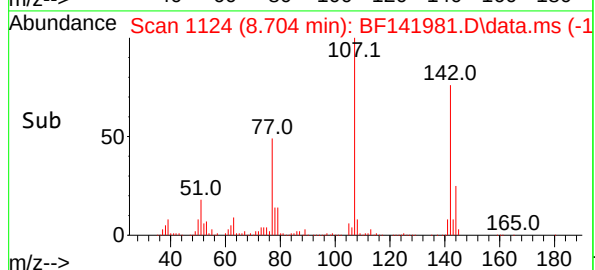
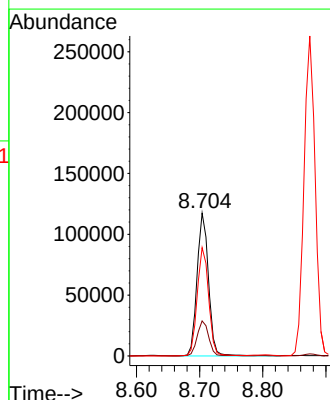
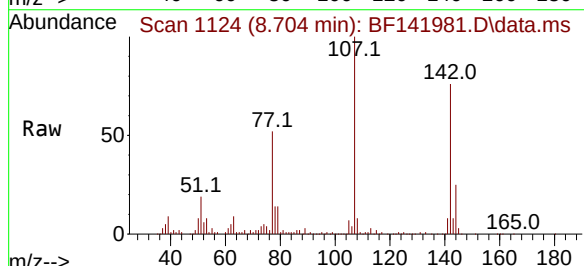
Tgt Ion:107 Resp: 148595

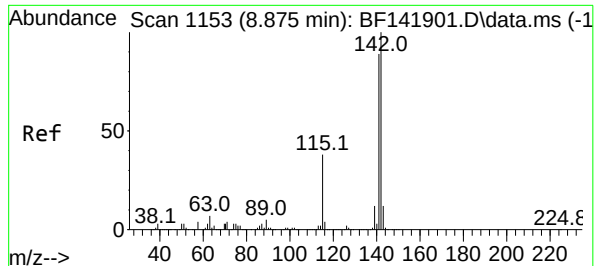
Ion Ratio Lower Upper

107 100

144 24.6 19.0 28.6

142 75.9 59.2 88.8





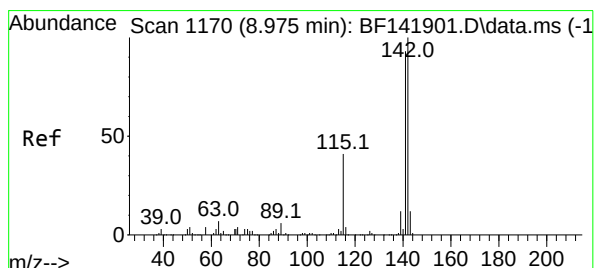
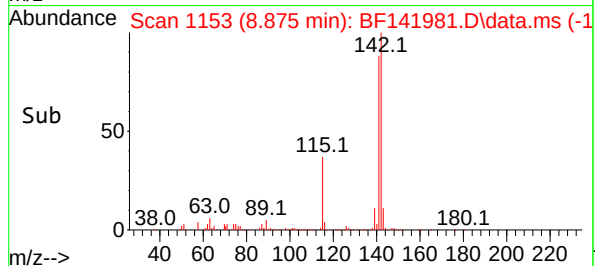
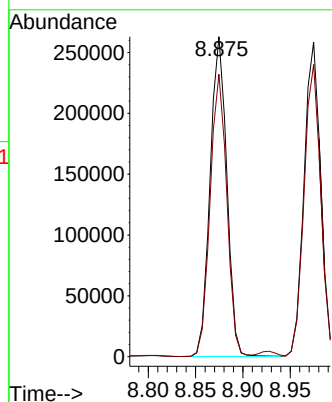
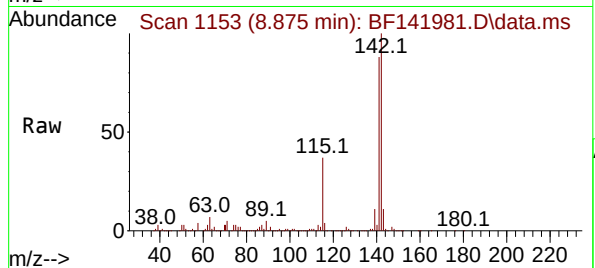
#37
2-Methylnaphthalene
Concen: 21.859 ng
RT: 8.875 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MSD

Tgt Ion:142 Resp: 32129
Ion Ratio Lower Upper
142 100
141 88.3 71.2 106.8

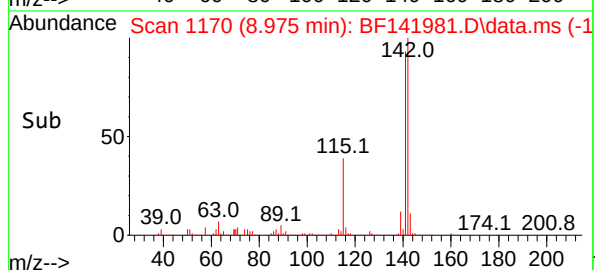
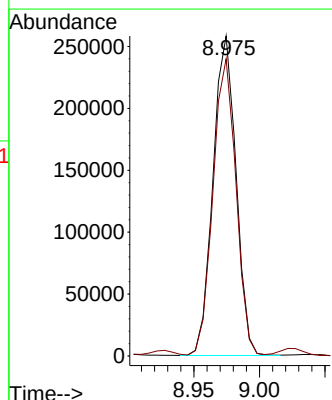
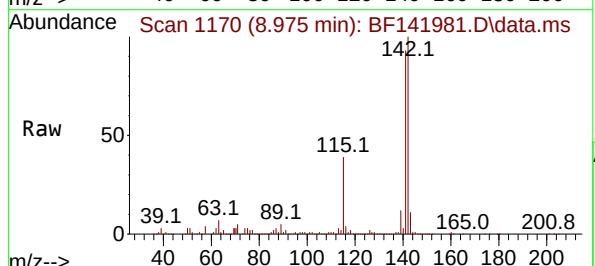
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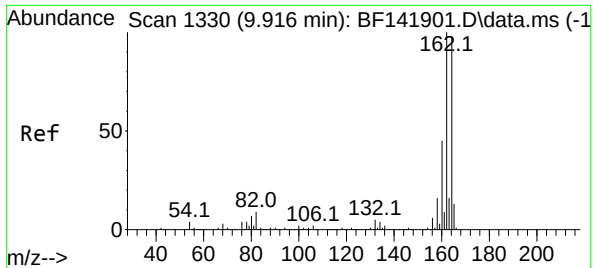
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#38
1-Methylnaphthalene
Concen: 22.203 ng
RT: 8.975 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

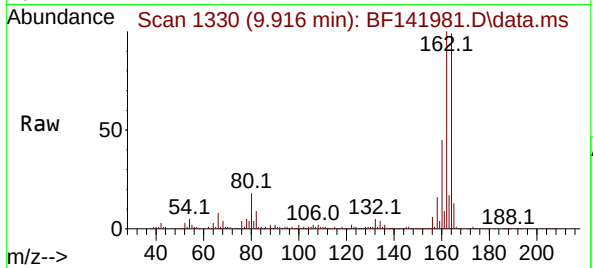
Tgt Ion:142 Resp: 314911
Ion Ratio Lower Upper
142 100
141 92.9 74.2 111.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1181
Delta R.T. -0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

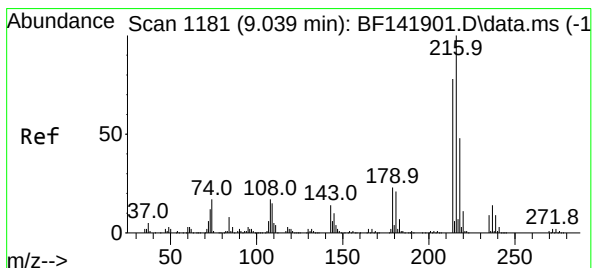
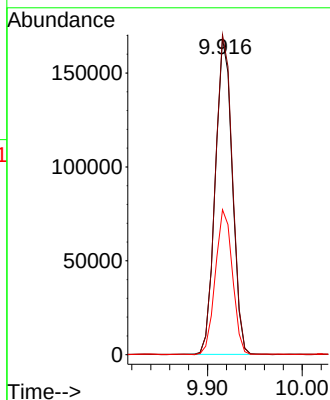
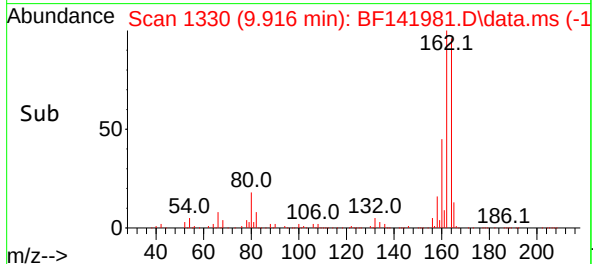
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MSD



Tgt Ion:164 Resp: 21022
Ion Ratio Lower Upper
164 100
162 101.2 81.8 122.6
160 45.8 36.7 55.1

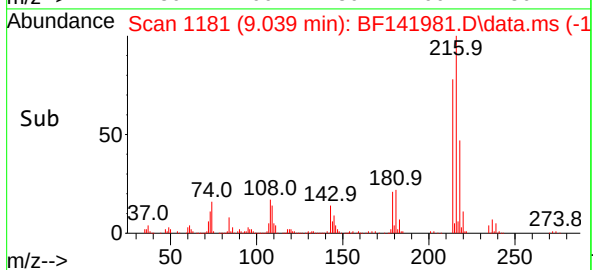
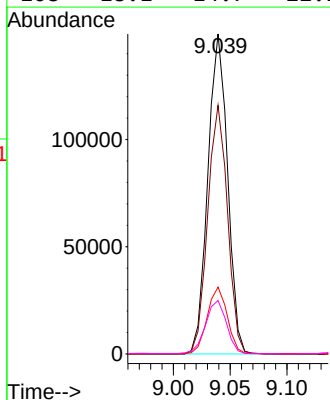
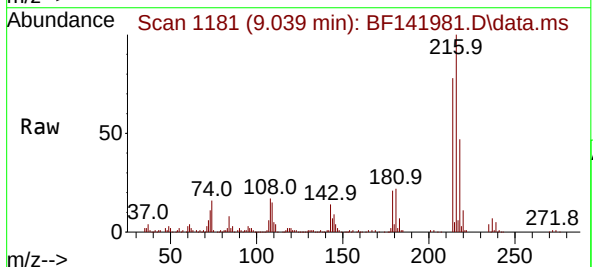
Manual Integrations
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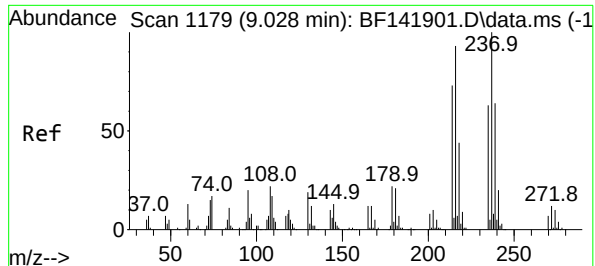
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 28.154 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

Tgt Ion:216 Resp: 180198
Ion Ratio Lower Upper
216 100
214 78.0 61.9 92.9
179 21.3 18.1 27.1
108 18.1 14.7 22.1





#41

Hexachlorocyclopentadiene

Concen: 21.911 ng

RT: 9.028 min Scan# 1179

Delta R.T. 0.000 min

Lab File: BF141981.D

Acq: 17 Mar 2025 15:00

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MSD

Tgt Ion:237 Resp: 5488

Ion Ratio Lower Upper

237 100

235 59.9 43.1 83.1

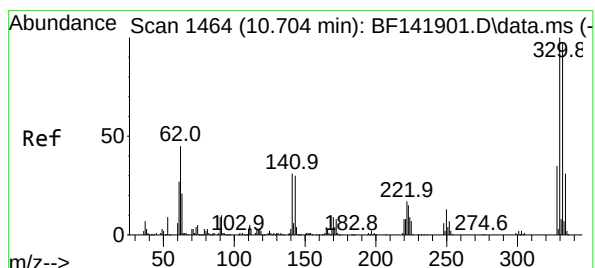
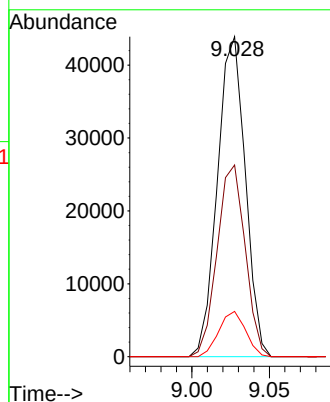
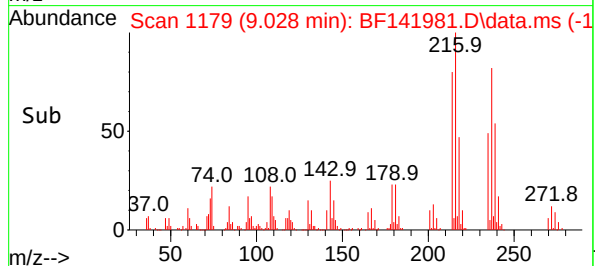
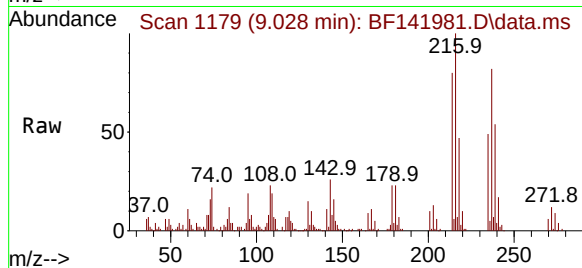
272 14.2 0.0 32.0

Manual Integrations

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Reviewed By :Anahy Claudio 03/18/2025

Supervised By :Jagrut Upadhyay 03/18/2025



#42

2,4,6-Tribromophenol

Concen: 47.593 ng

RT: 10.704 min Scan# 1464

Delta R.T. 0.000 min

Lab File: BF141981.D

Acq: 17 Mar 2025 15:00

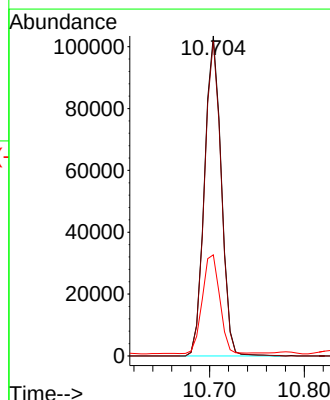
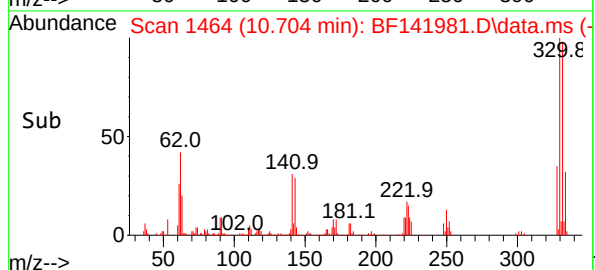
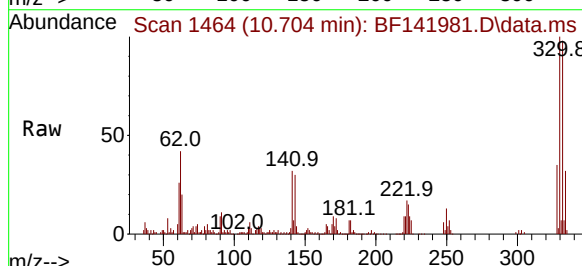
Tgt Ion:330 Resp: 126929

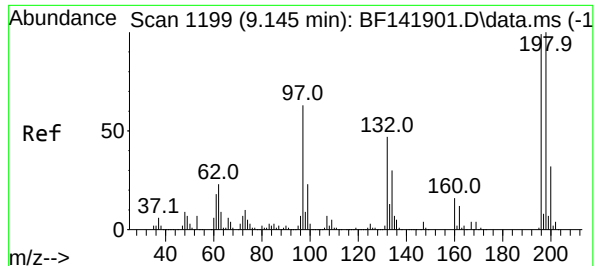
Ion Ratio Lower Upper

330 100

332 98.1 77.6 116.4

141 32.1 24.7 37.1





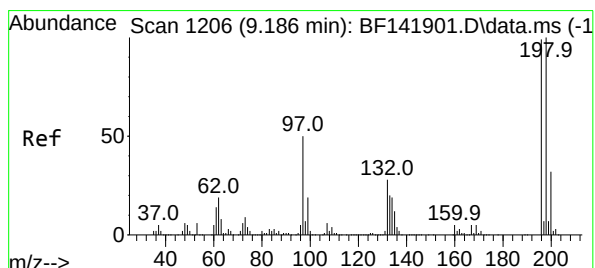
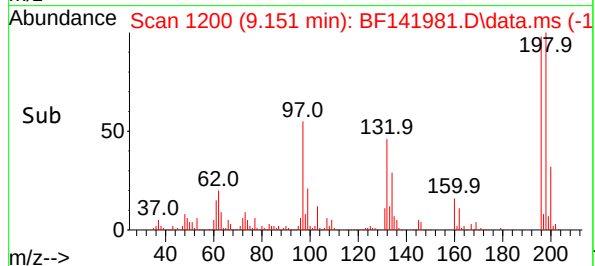
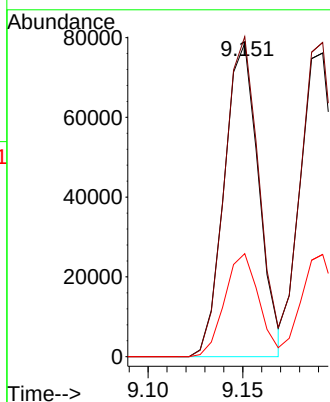
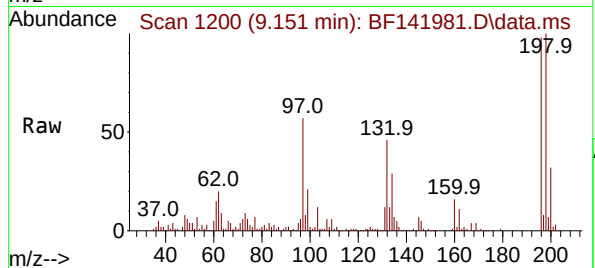
#43
2,4,6-Trichlorophenol
Concen: 23.766 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MSD

Tgt Ion:196 Resp: 9941
Ion Ratio Lower Upper
196 100
198 102.1 80.6 121.0
200 32.9 25.8 38.6

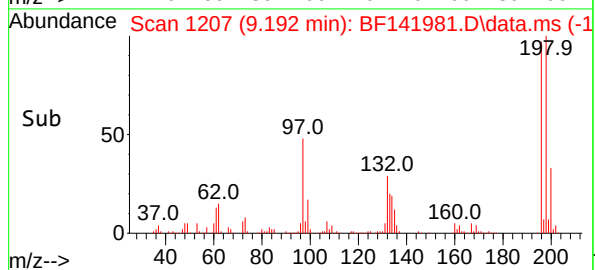
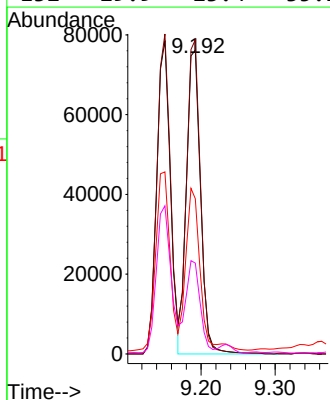
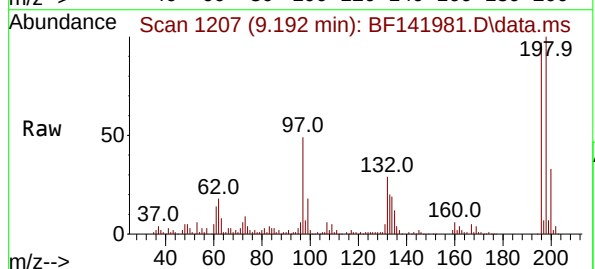
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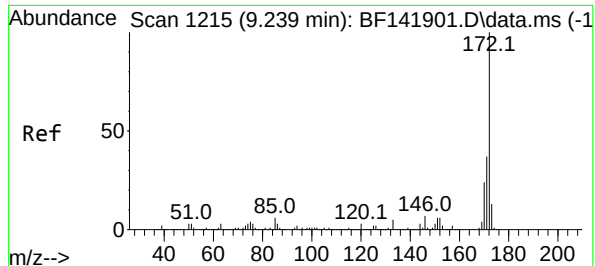
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#44
2,4,5-Trichlorophenol
Concen: 24.039 ng
RT: 9.192 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

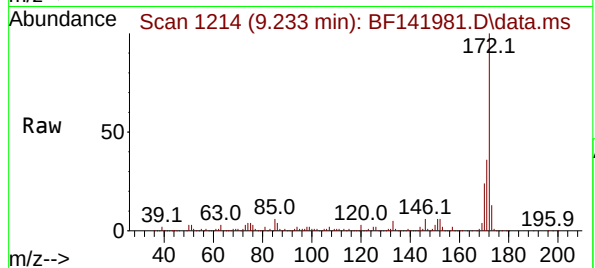
Tgt Ion:196 Resp: 101841
Ion Ratio Lower Upper
196 100
198 103.5 80.7 121.1
97 51.1 42.1 63.1
132 29.9 23.4 35.2





#45
2-Fluorobiphenyl
Concen: 37.321 ng
RT: 9.233 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

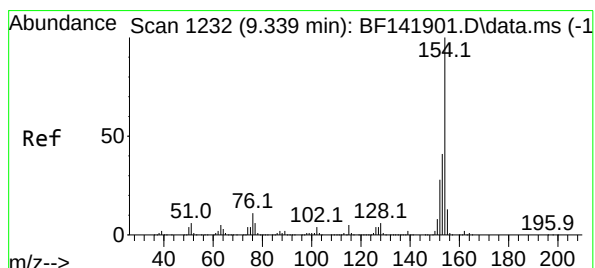
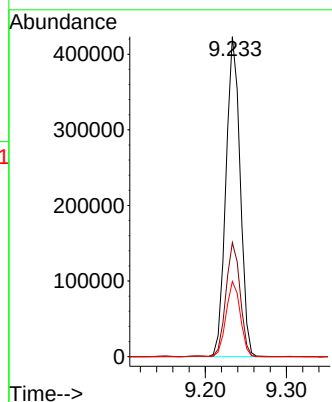
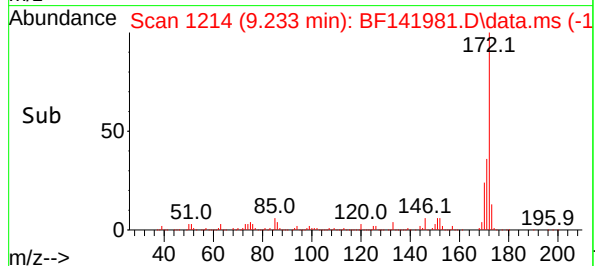
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MSD



Tgt Ion:172 Resp: 515884
Ion Ratio Lower Upper
172 100
171 35.6 29.3 43.9
170 23.5 19.4 29.0

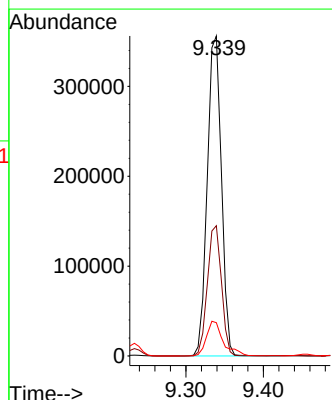
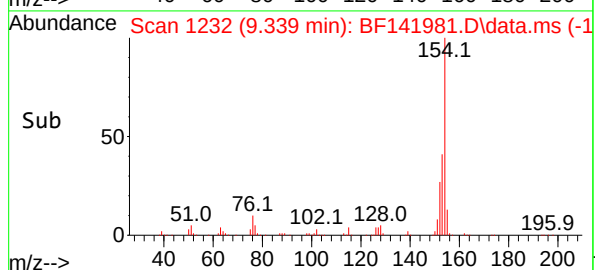
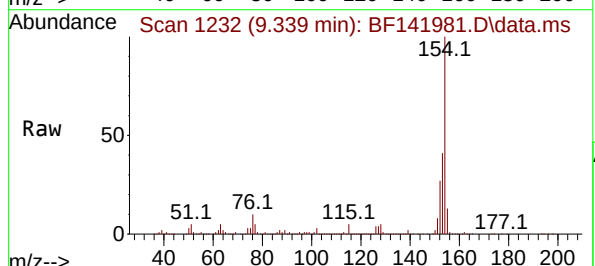
Manual Integrations
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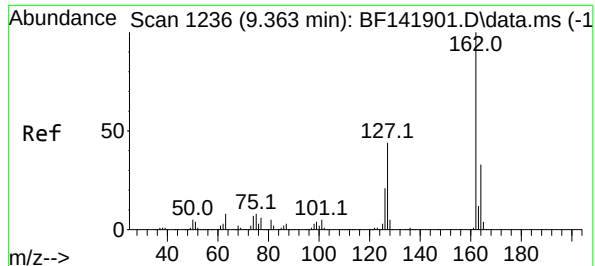
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#46
1,1'-Biphenyl
Concen: 28.215 ng
RT: 9.339 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

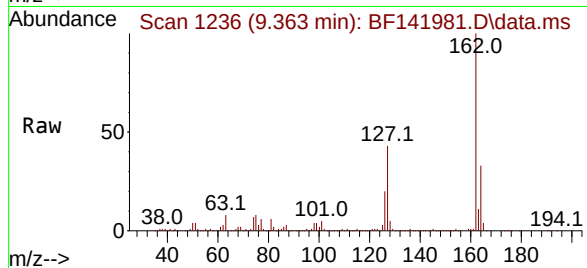
Tgt Ion:154 Resp: 450681
Ion Ratio Lower Upper
154 100
153 40.7 21.1 61.1
76 10.4 0.0 31.3





#47
2-Chloronaphthalene
Concen: 24.635 ng
RT: 9.363 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

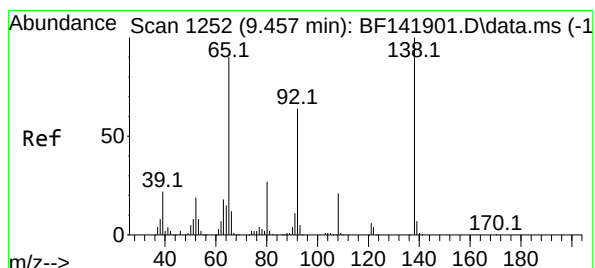
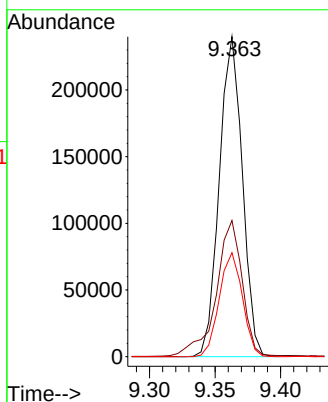
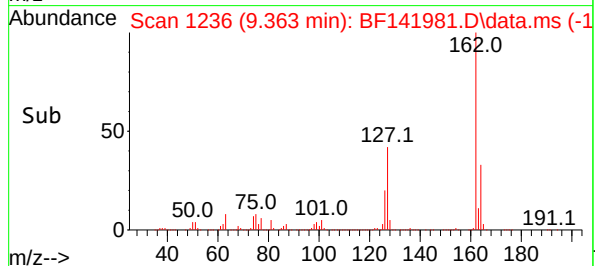
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MSD



Tgt Ion:162 Resp: 293294
Ion Ratio Lower Upper
162 100
127 42.6 35.5 53.3
164 32.5 26.6 40.0

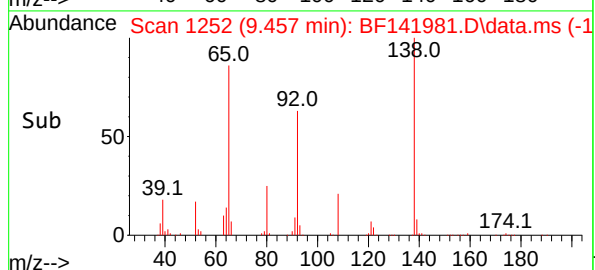
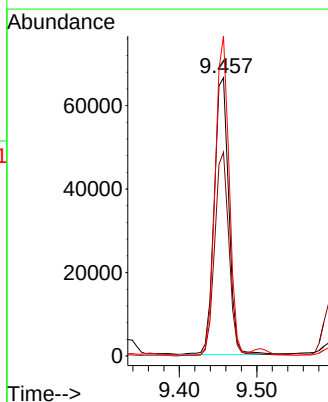
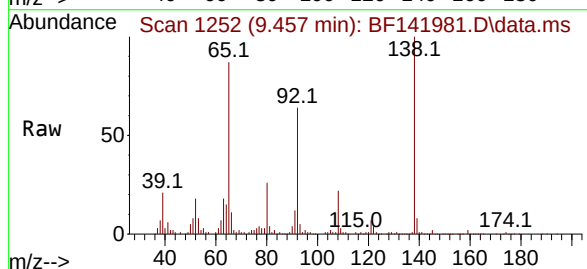
Manual Integrations
APPROVED

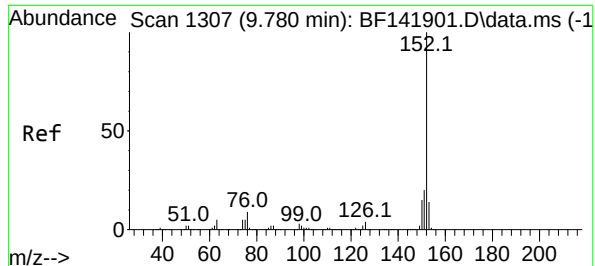
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#48
2-Nitroaniline
Concen: 25.269 ng
RT: 9.457 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

Tgt Ion: 65 Resp: 87104
Ion Ratio Lower Upper
65 100
92 73.3 56.6 84.8
138 115.0 88.6 133.0





#49

Acenaphthylene

Concen: 27.718 ng

RT: 9.780 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF141981.D

Acq: 17 Mar 2025 15:00

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MSD

Tgt Ion:152 Resp: 489709

Ion Ratio Lower Upper

152 100

151 19.9 16.3 24.5

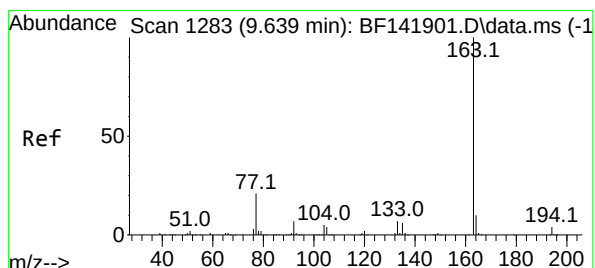
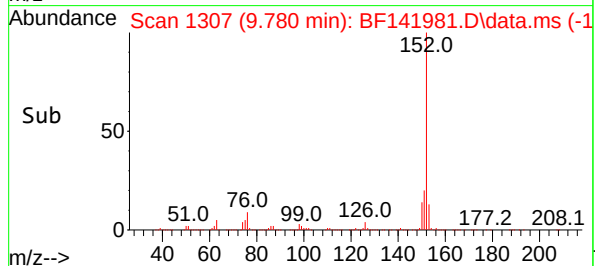
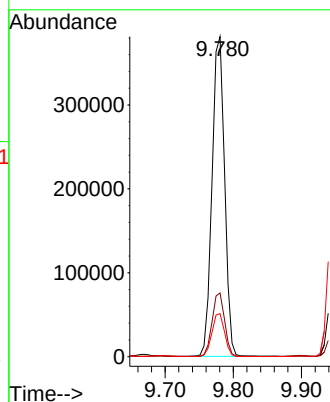
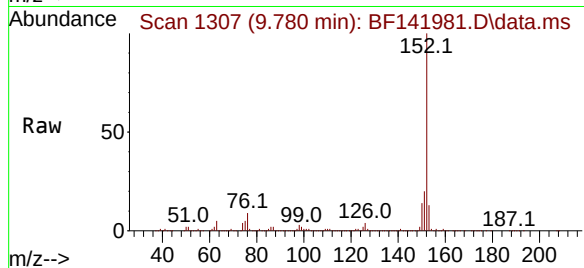
153 13.4 11.1 16.7

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/18/2025

Supervised By :Jagrut Upadhyay 03/18/2025



#50

Dimethylphthalate

Concen: 24.573 ng

RT: 9.633 min Scan# 1282

Delta R.T. -0.006 min

Lab File: BF141981.D

Acq: 17 Mar 2025 15:00

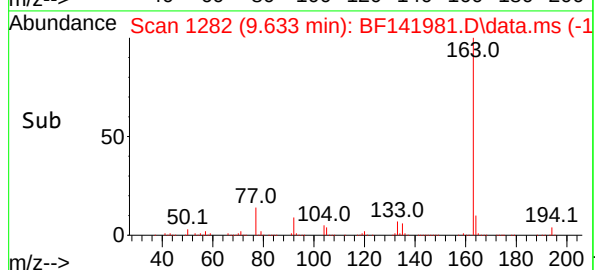
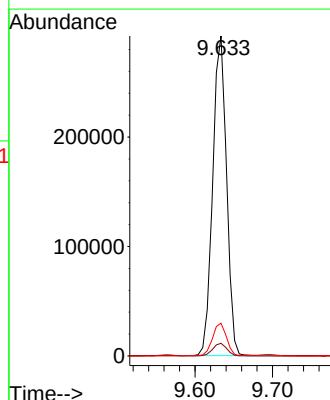
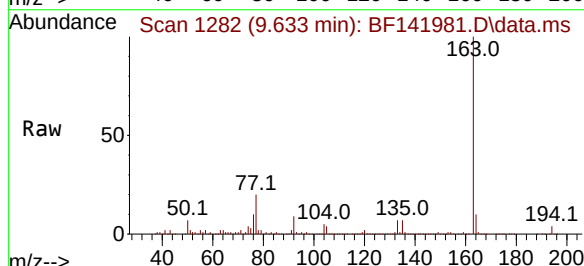
Tgt Ion:163 Resp: 361750

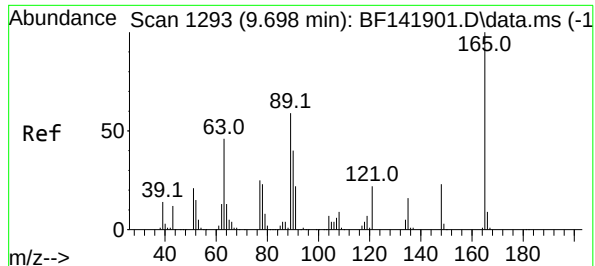
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

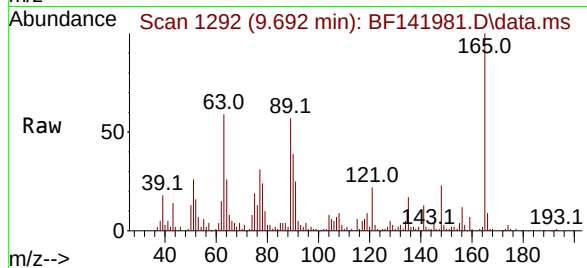
164 10.3 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 23.259 ng
RT: 9.692 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

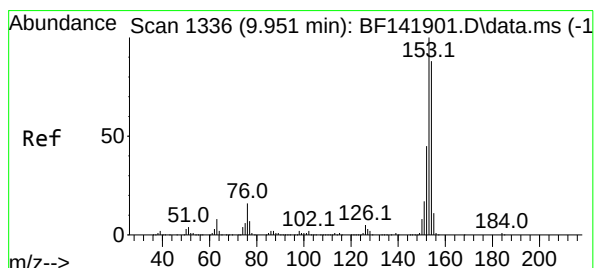
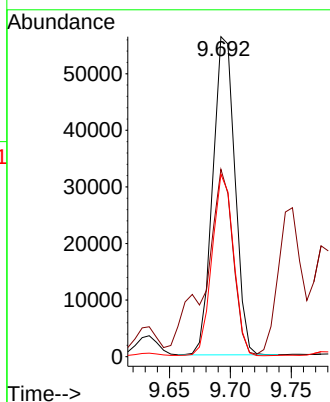
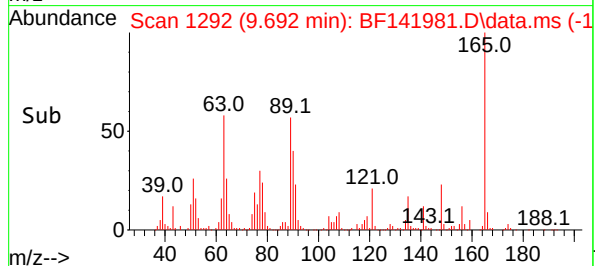
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MSD



Tgt Ion:165 Resp: 71293
Ion Ratio Lower Upper
165 100
63 58.6 47.0 70.4
89 57.0 47.4 71.2

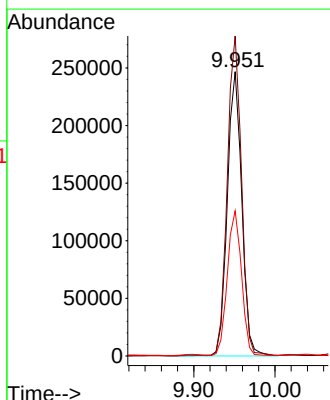
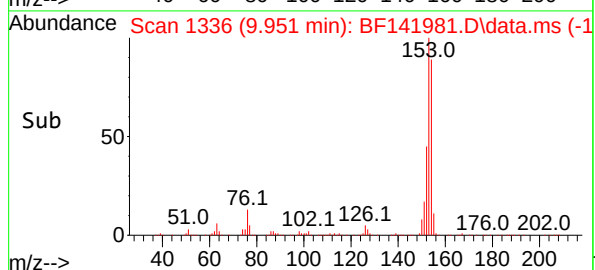
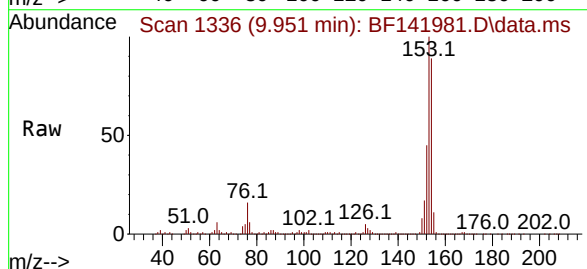
Manual Integrations
APPROVED

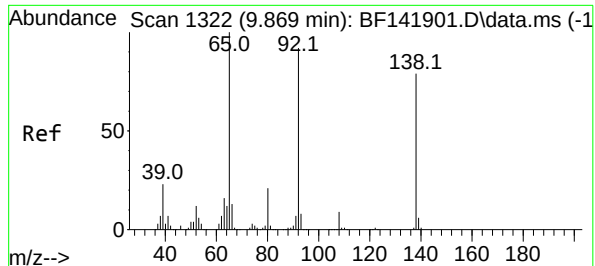
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#52
Acenaphthene
Concen: 24.608 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

Tgt Ion:154 Resp: 305530
Ion Ratio Lower Upper
154 100
153 112.5 90.7 136.1
152 51.0 41.1 61.7





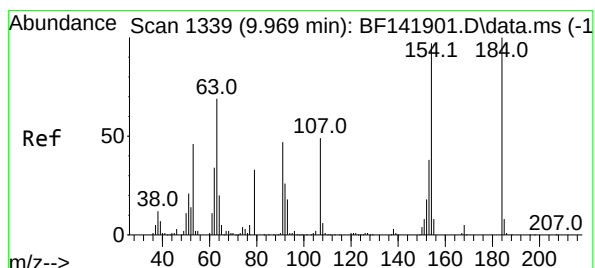
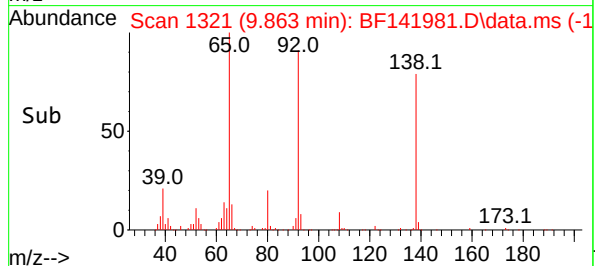
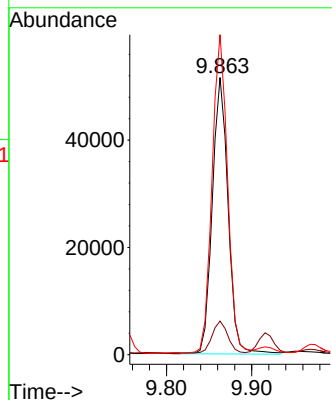
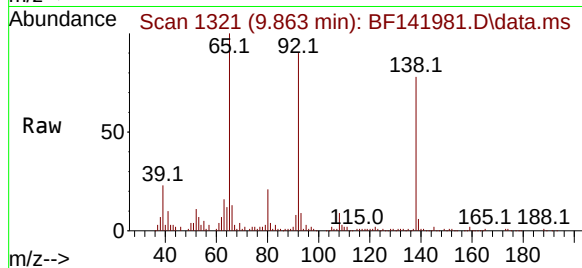
#53
3-Nitroaniline
Concen: 21.323 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MSD

Tgt Ion:138 Resp: 66290
Ion Ratio Lower Upper
138 100
108 12.1 9.3 13.9
92 115.5 93.5 140.3

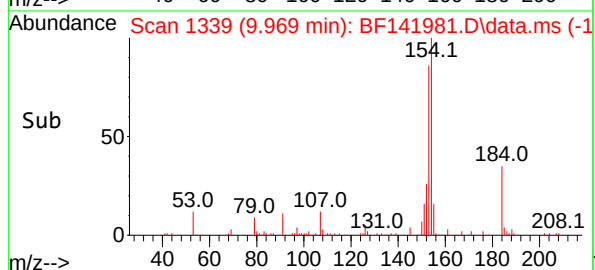
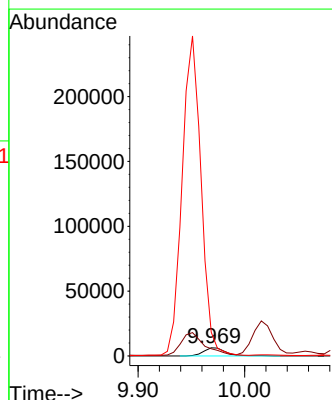
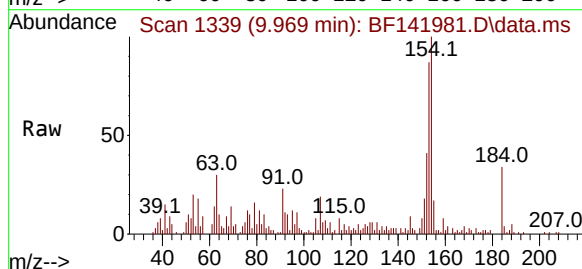
Manual Integrations
APPROVED

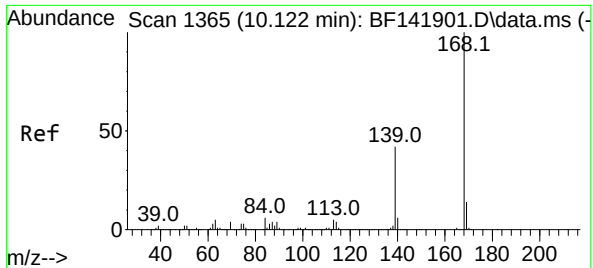
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#54
2,4-Dinitrophenol
Concen: 11.380 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

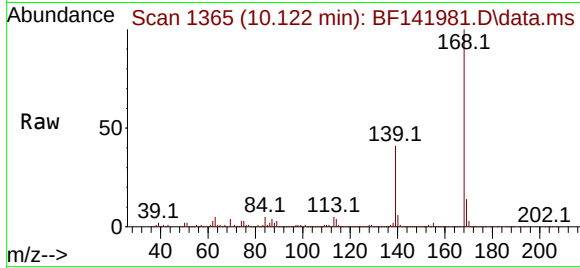
Tgt Ion:184 Resp: 9121
Ion Ratio Lower Upper
184 100
63 87.8 60.2 90.4
154 290.3 132.9 199.3#





#55
Dibenzenofuran
Concen: 24.179 ng
RT: 10.122 min Scan# 1365
Delta R.T. 0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

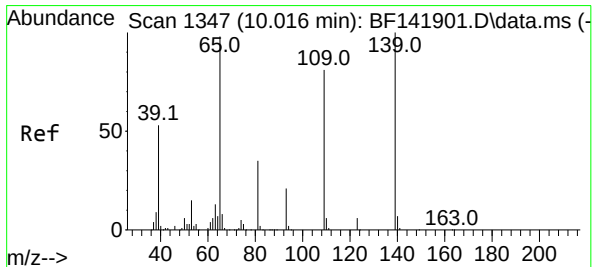
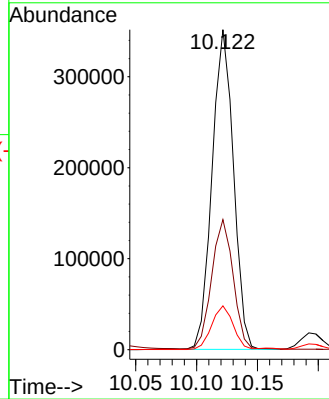
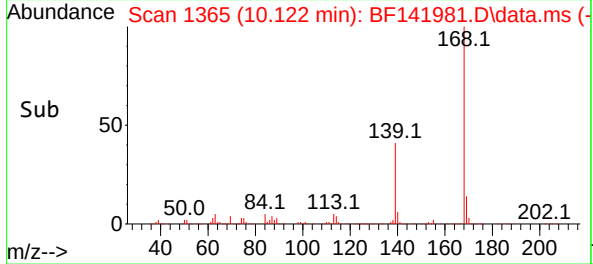
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MSD



Tgt Ion:168 Resp: 42894
Ion Ratio Lower Upper
168 100
139 40.6 33.9 50.9
169 13.7 11.0 16.4

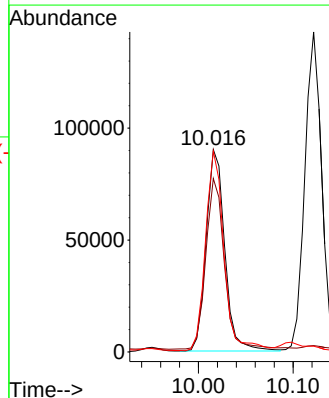
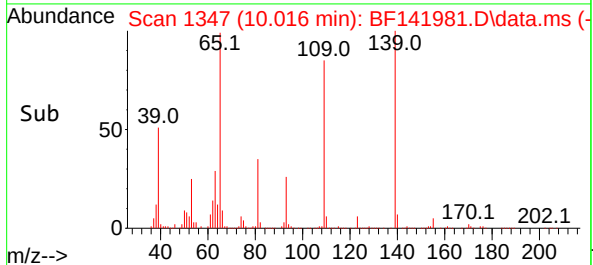
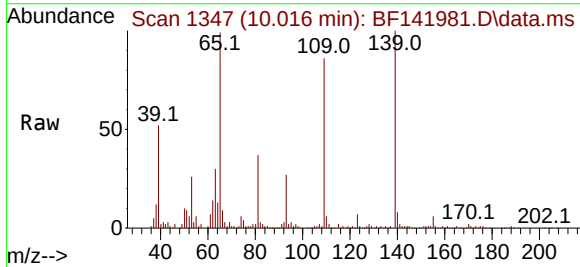
Manual Integrations
APPROVED

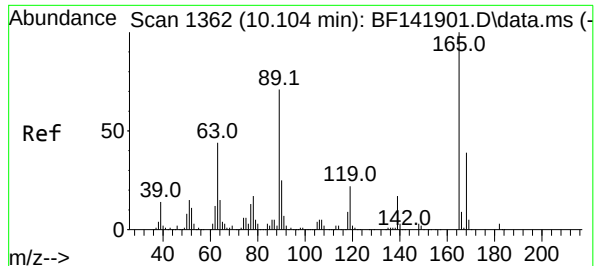
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#56
4-Nitrophenol
Concen: 52.427 ng
RT: 10.016 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

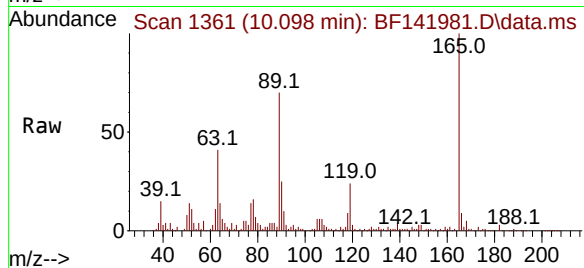
Tgt Ion:139 Resp: 122925
Ion Ratio Lower Upper
139 100
109 85.7 61.6 101.6
65 99.2 79.4 119.4





#57
2,4-Dinitrotoluene
Concen: 23.443 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

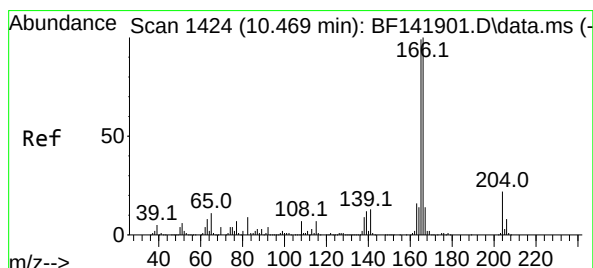
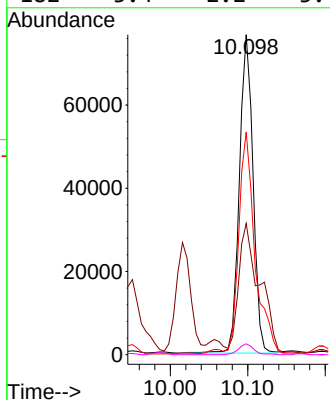
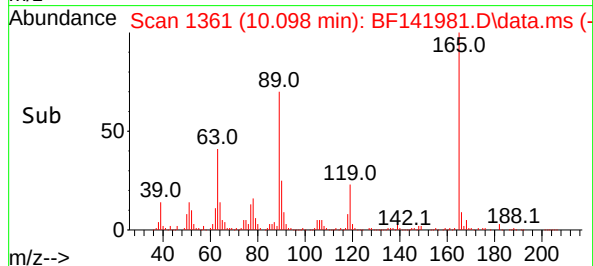
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MSD



Tgt Ion:165 Resp: 93849
Ion Ratio Lower Upper
165 100
63 41.0 35.4 53.2
89 69.6 56.6 84.8
182 3.4 2.2 3.4#

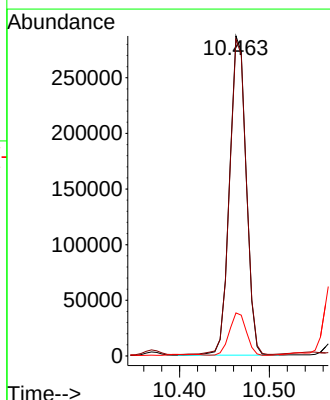
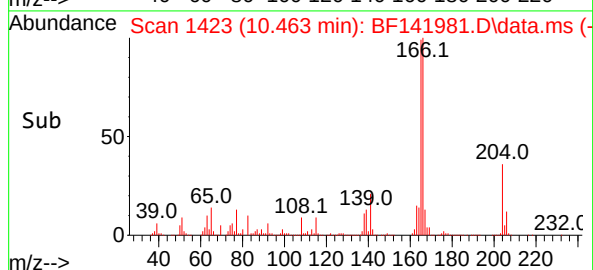
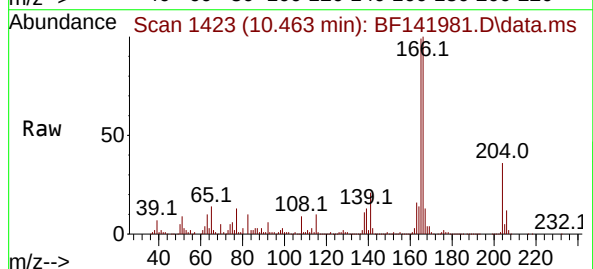
Manual Integrations
APPROVED

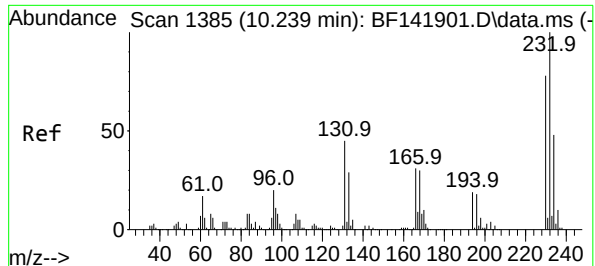
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#58
Fluorene
Concen: 26.900 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

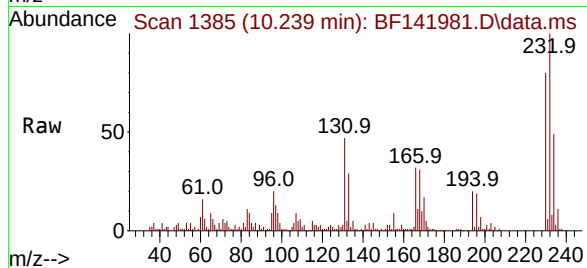
Tgt Ion:166 Resp: 368013
Ion Ratio Lower Upper
166 100
165 98.9 79.0 118.4
167 13.5 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 22.799 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

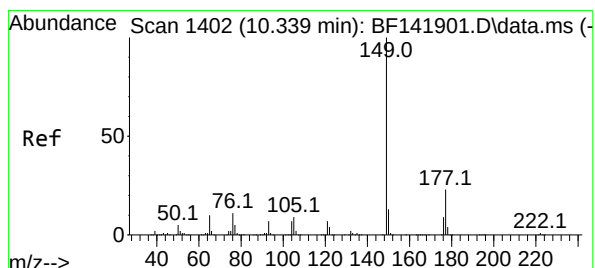
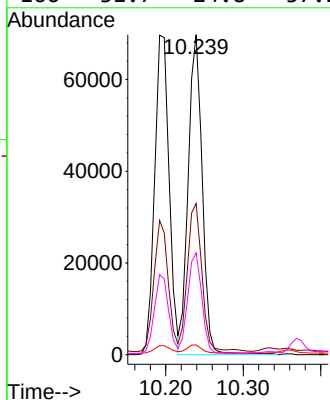
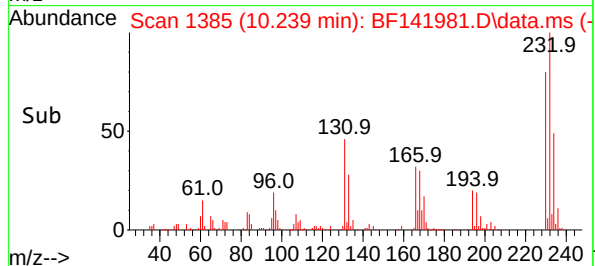
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MSD



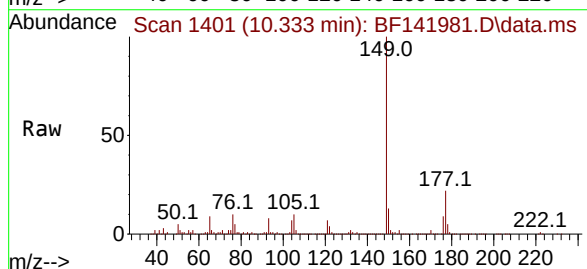
Tgt Ion:232 Resp: 8789
Ion Ratio Lower Upper
232 100
131 46.0 37.3 55.9
130 2.8 1.9 2.9
166 31.7 24.8 37.2

Manual Integrations
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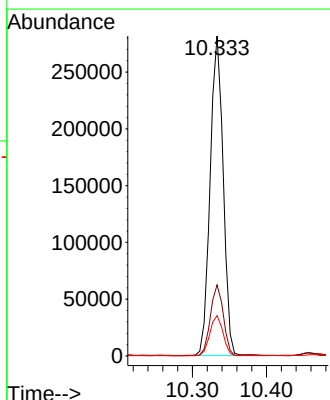
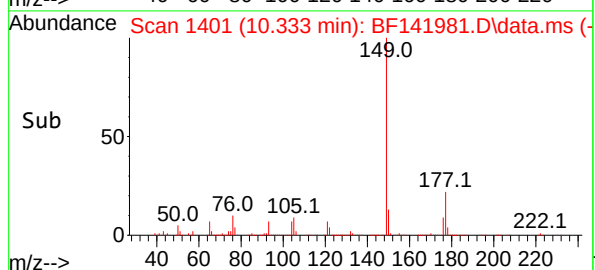
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025

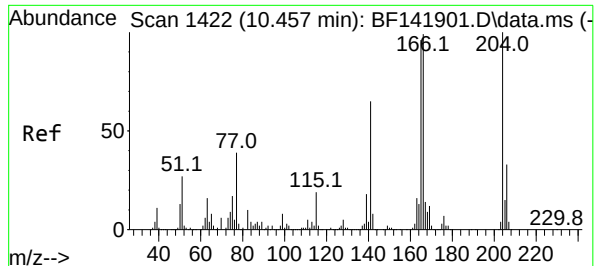


#60
Diethylphthalate
Concen: 23.340 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00



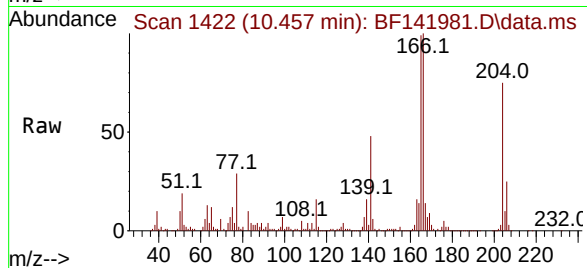
Tgt Ion:149 Resp: 342607
Ion Ratio Lower Upper
149 100
177 22.2 18.0 27.0
150 12.6 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 23.200 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

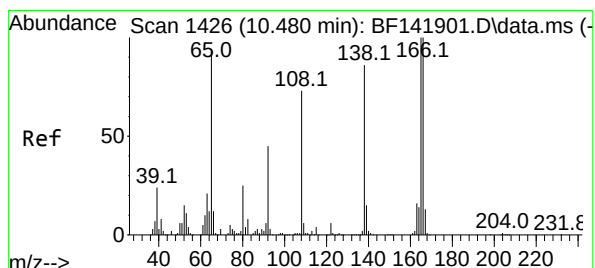
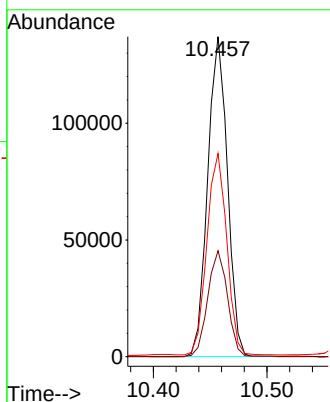
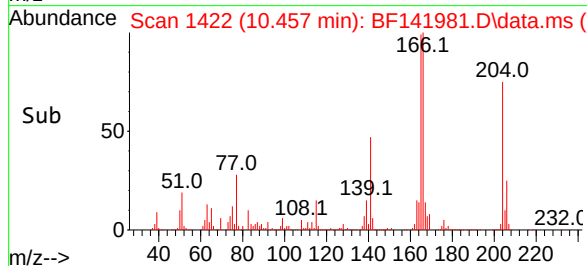
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MSD



Tgt Ion:204 Resp: 165480
Ion Ratio Lower Upper
204 100
206 33.1 26.8 40.2
141 63.5 52.4 78.6

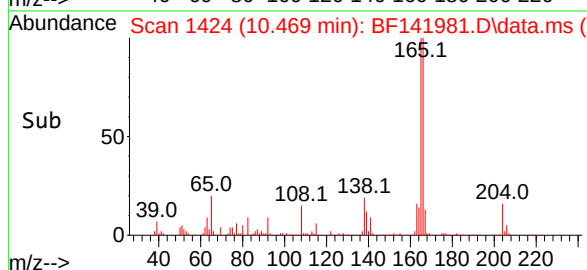
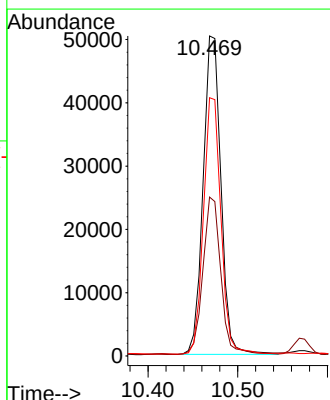
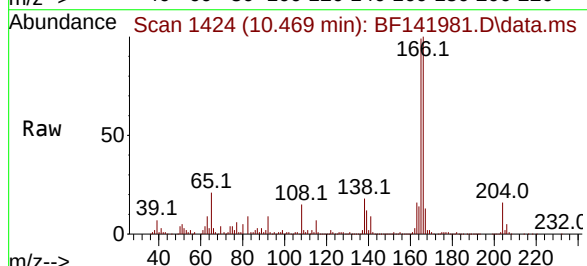
Manual Integrations
APPROVED

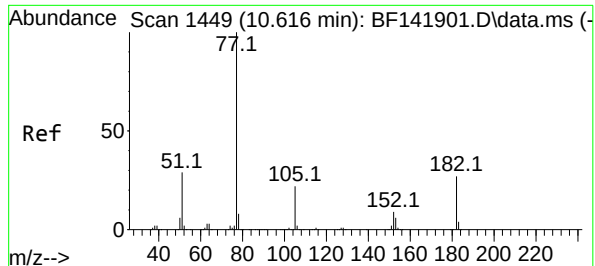
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#62
4-Nitroaniline
Concen: 22.965 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

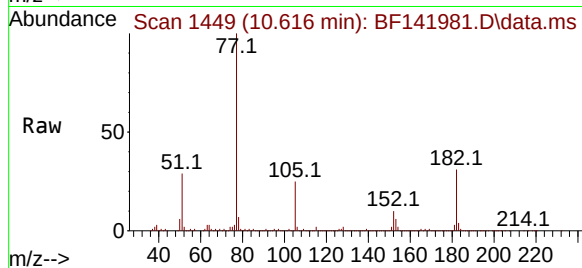
Tgt Ion:138 Resp: 69514
Ion Ratio Lower Upper
138 100
92 49.6 32.6 72.6
108 80.7 65.0 105.0





#63
Azobenzene
Concen: 23.530 ng
RT: 10.616 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

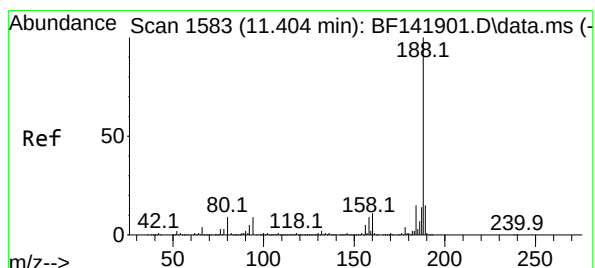
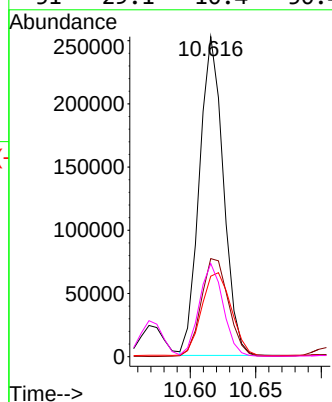
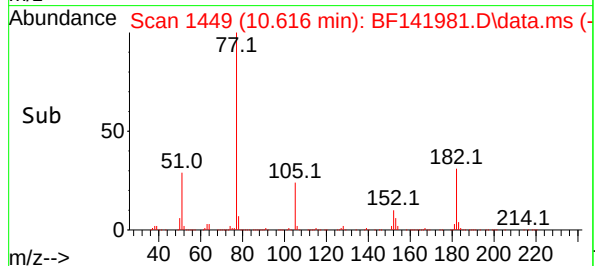
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MSD



Tgt Ion: 77 Resp: 32111
Ion Ratio Lower Upper
77 100
182 30.7 6.6 46.6
105 25.2 1.3 41.3
51 29.1 10.4 50.4

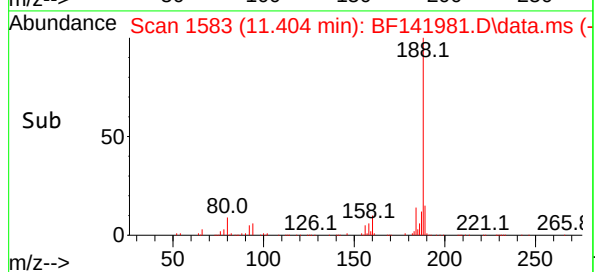
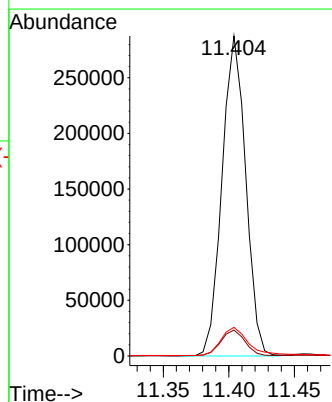
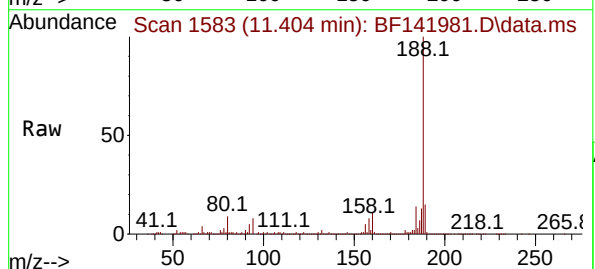
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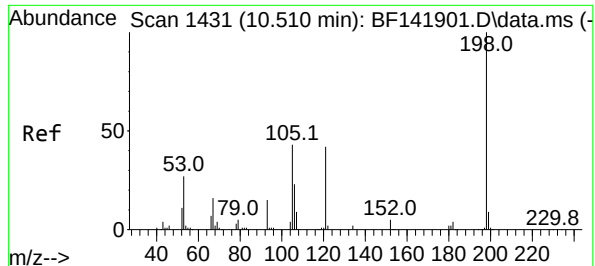
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

Tgt Ion:188 Resp: 360568
Ion Ratio Lower Upper
188 100
94 8.1 6.8 10.2
80 8.9 7.6 11.4





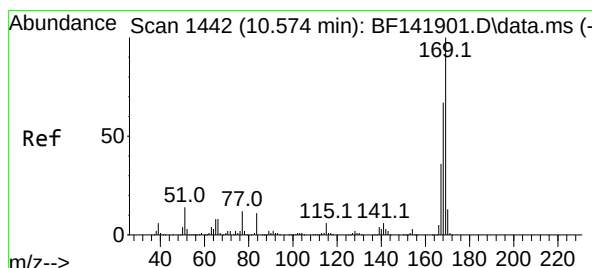
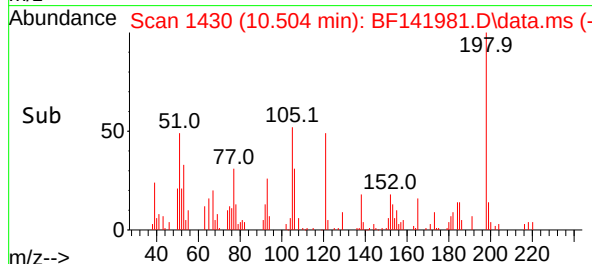
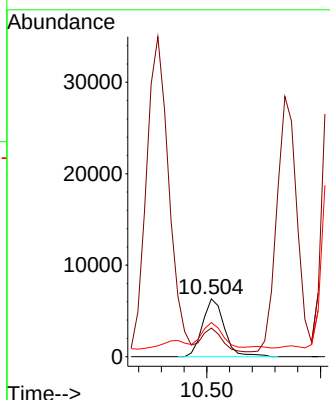
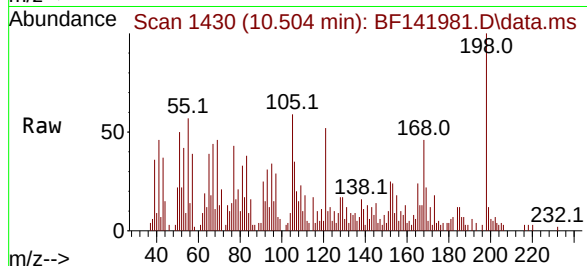
#65
4,6-Dinitro-2-methylphenol
Concen: 3.900 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MSD

Tgt Ion:198 Resp: 8384
Ion Ratio Lower Upper
198 100
51 49.7 22.3 62.3
105 59.0 23.0 63.0

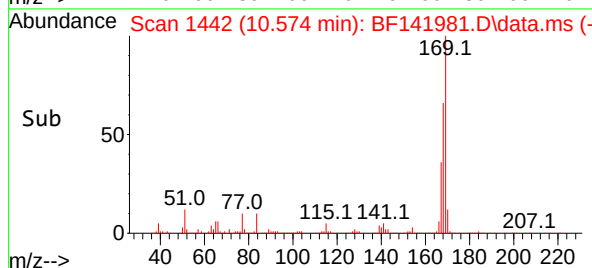
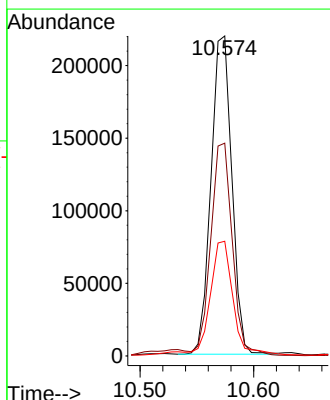
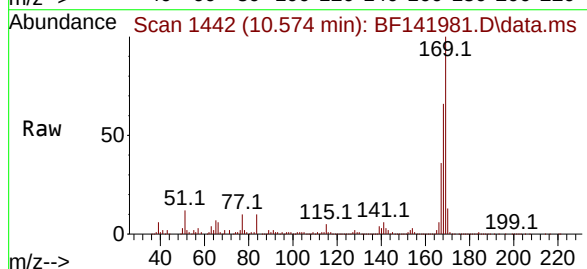
Manual Integrations
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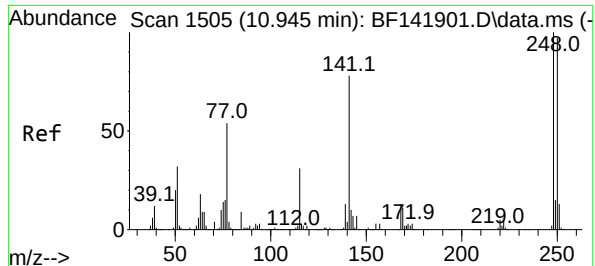
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#66
n-Nitrosodiphenylamine
Concen: 24.000 ng
RT: 10.574 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

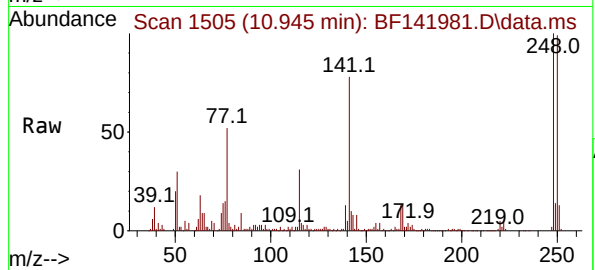
Tgt Ion:169 Resp: 280032
Ion Ratio Lower Upper
169 100
168 66.5 53.7 80.5
167 35.9 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 22.520 ng
RT: 10.945 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

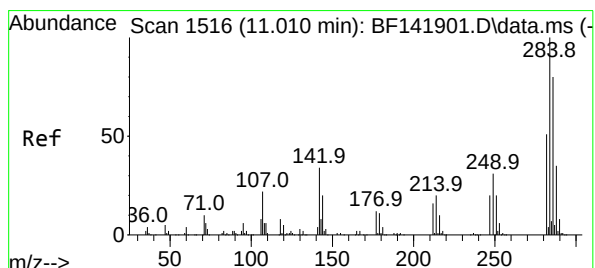
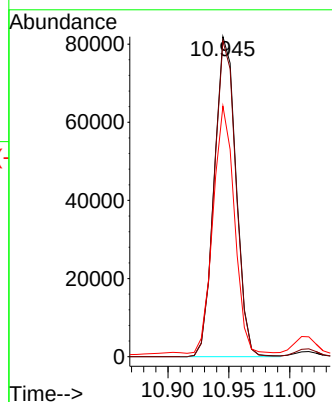
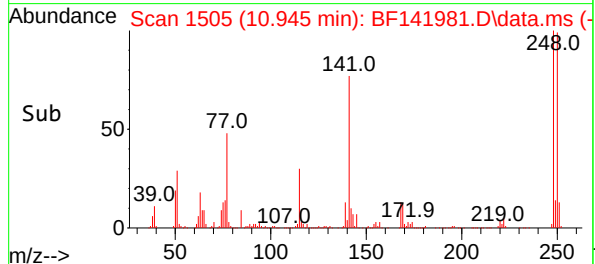
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MSD



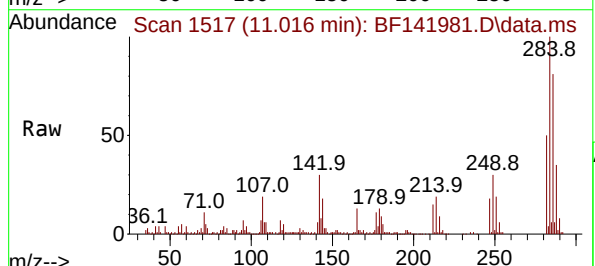
Tgt Ion:248 Resp: 101979
Ion Ratio Lower Upper
248 100
250 98.7 77.8 116.8
141 78.3 62.6 93.8

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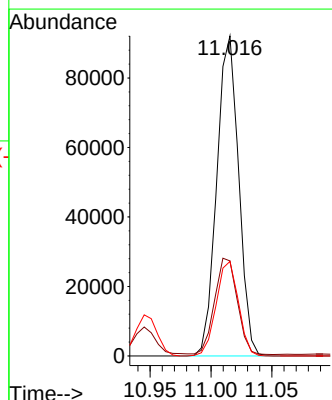
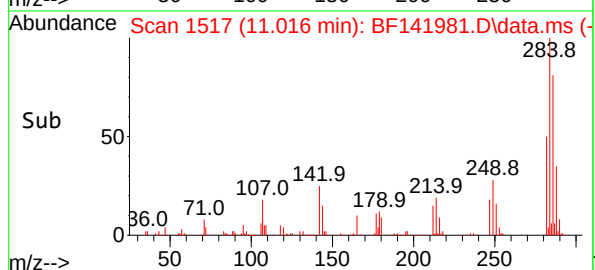
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025

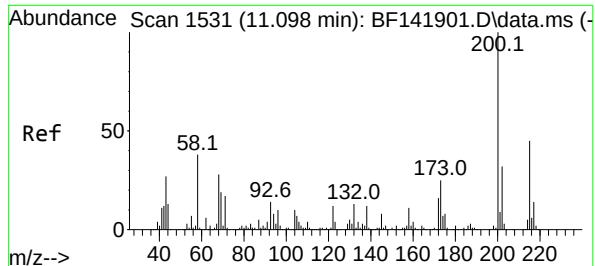


#68
Hexachlorobenzene
Concen: 23.230 ng
RT: 11.016 min Scan# 1517
Delta R.T. 0.006 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00



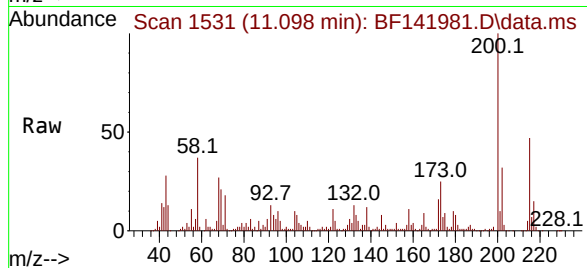
Tgt Ion:284 Resp: 115374
Ion Ratio Lower Upper
284 100
142 29.7 27.0 40.6
249 29.6 25.2 37.8





#69
Atrazine
Concen: 31.338 ng
RT: 11.098 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

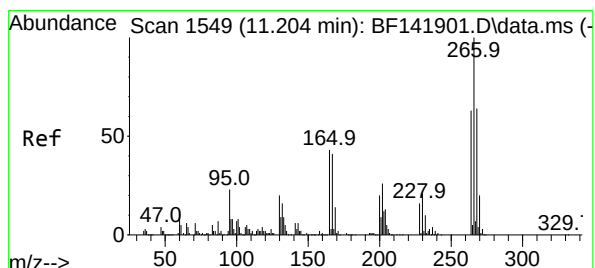
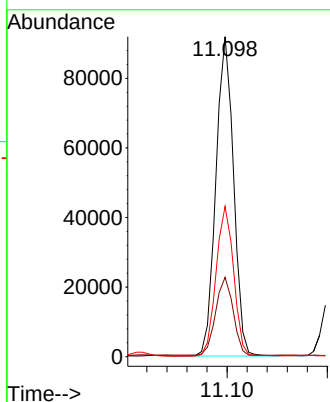
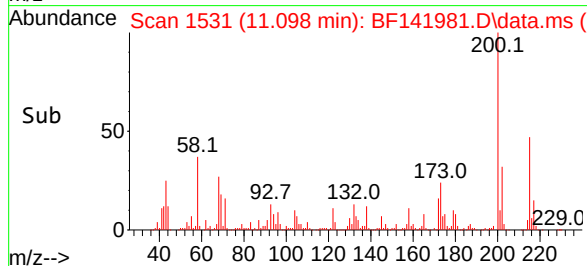
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MSD



Tgt Ion:200 Resp: 11209
Ion Ratio Lower Upper
200 100
173 24.8 4.7 44.7
215 46.9 25.4 65.4

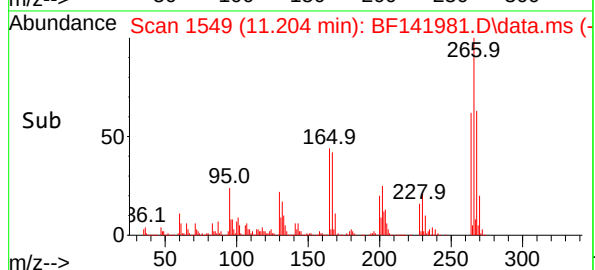
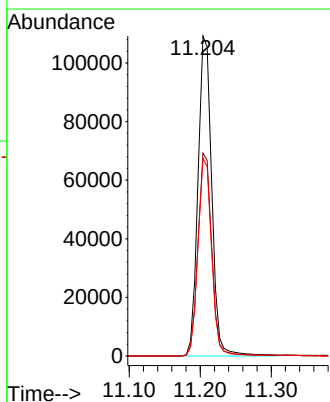
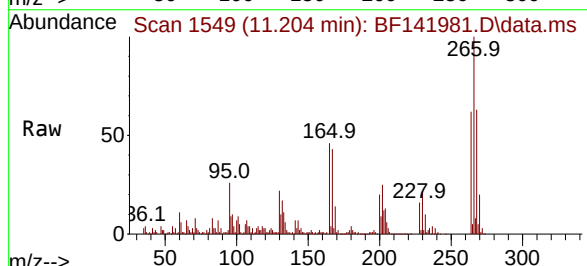
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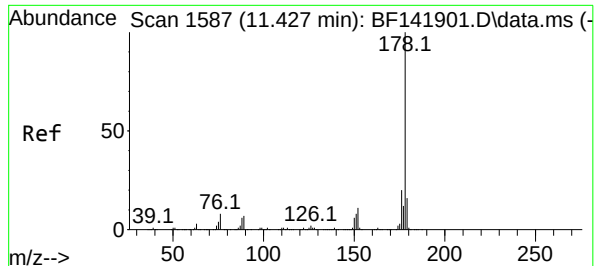
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#70
Pentachlorophenol
Concen: 48.273 ng
RT: 11.204 min Scan# 1549
Delta R.T. 0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

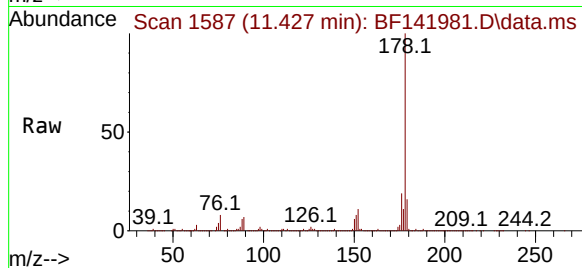
Tgt Ion:266 Resp: 147715
Ion Ratio Lower Upper
266 100
268 63.4 51.0 76.6
264 61.8 50.2 75.2





#71
Phenanthrene
Concen: 43.225 ng
RT: 11.427 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

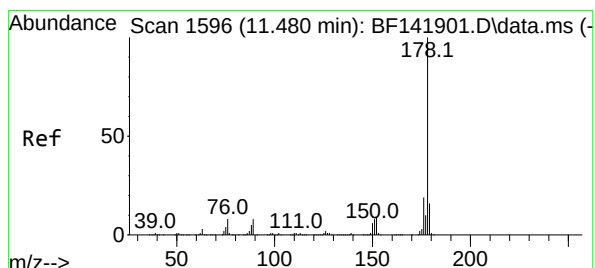
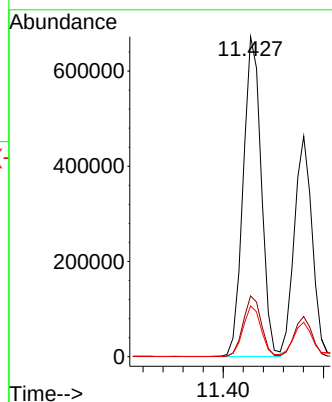
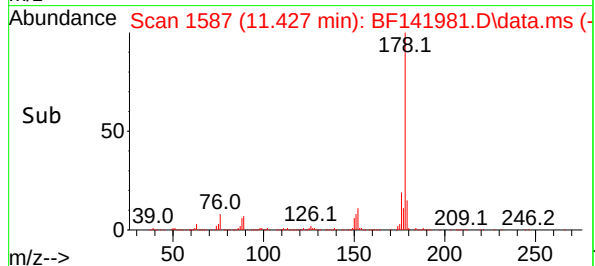
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MSD



Tgt Ion:178 Resp: 841818
Ion Ratio Lower Upper
178 100
176 19.0 15.8 23.8
179 15.9 12.6 19.0

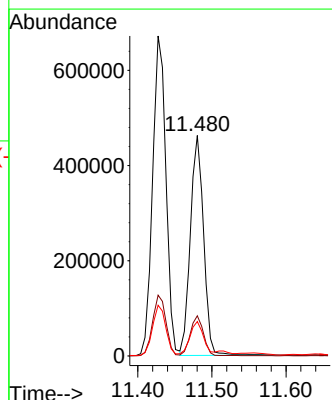
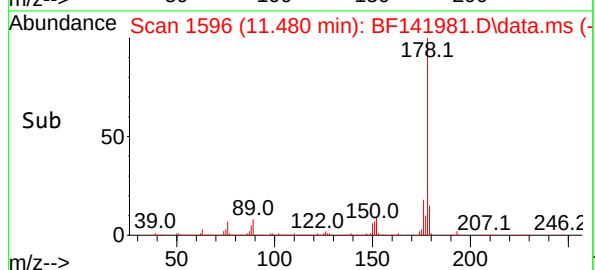
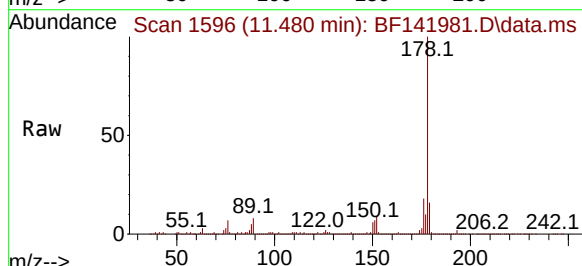
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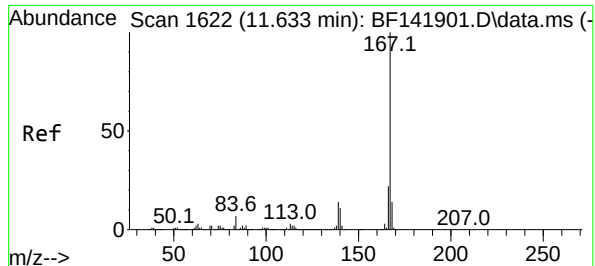
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#72
Anthracene
Concen: 29.566 ng
RT: 11.480 min Scan# 1596
Delta R.T. 0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

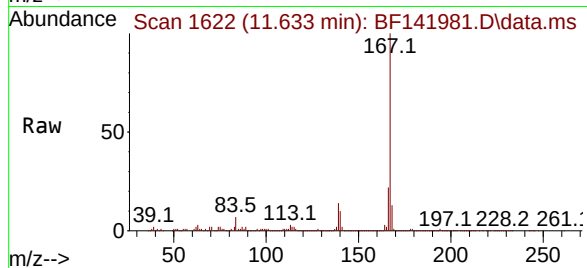
Tgt Ion:178 Resp: 577698
Ion Ratio Lower Upper
178 100
176 18.2 15.1 22.7
179 15.6 12.6 19.0





#73
Carbazole
Concen: 27.337 ng
RT: 11.633 min Scan# 1622
Delta R.T. 0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

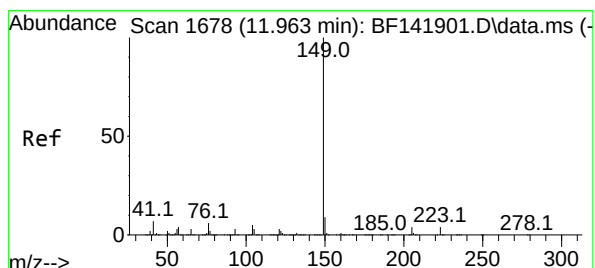
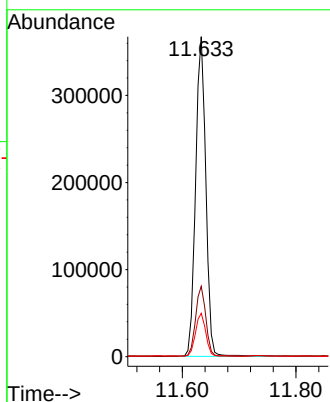
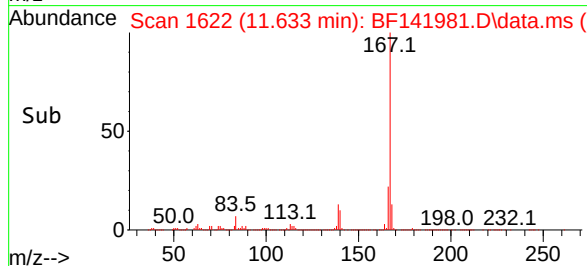
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MSD



Tgt Ion:167 Resp: 46064
Ion Ratio Lower Upper
167 100
166 22.0 17.4 26.2
139 13.6 11.0 16.6

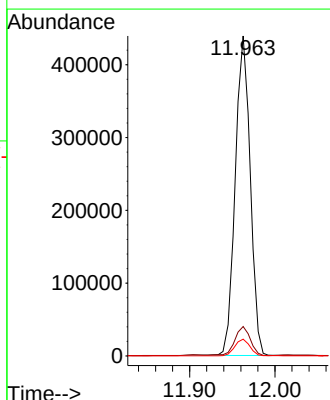
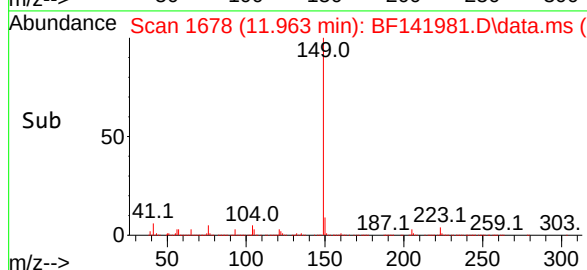
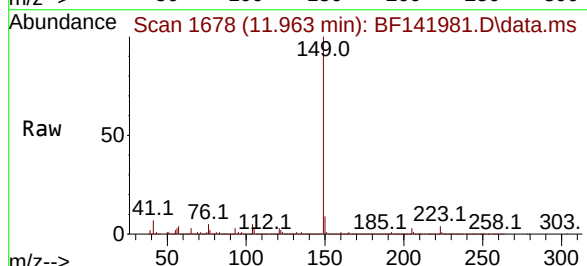
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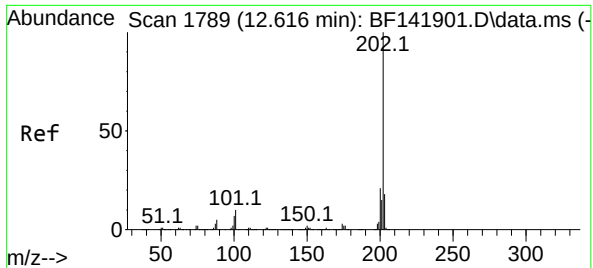
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#74
Di-n-butylphthalate
Concen: 23.962 ng
RT: 11.963 min Scan# 1678
Delta R.T. 0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

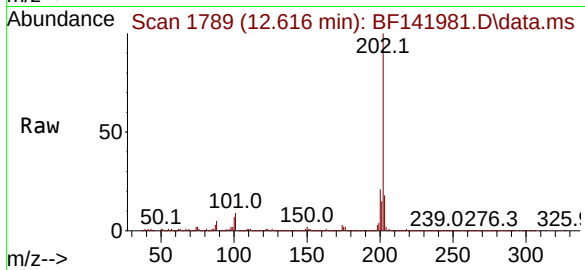
Tgt Ion:149 Resp: 535762
Ion Ratio Lower Upper
149 100
150 9.2 7.6 11.4
104 5.3 4.4 6.6





#75
Fluoranthene
Concen: 45.261 ng
RT: 12.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

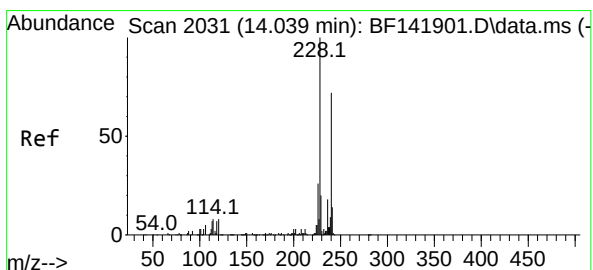
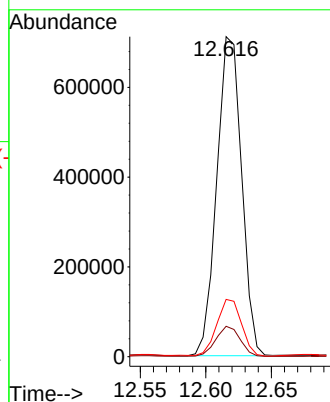
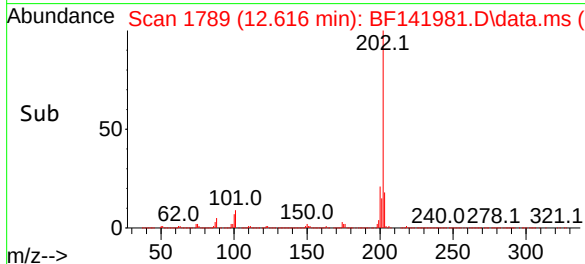
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MSD



Tgt Ion:202 Resp: 935040
Ion Ratio Lower Upper
202 100
101 9.5 0.0 29.7
203 17.9 0.0 37.8

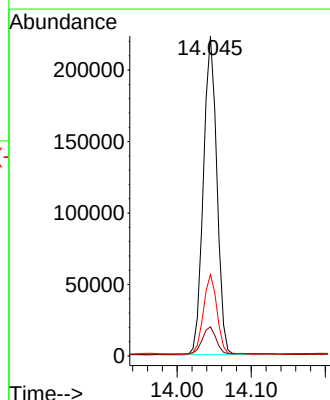
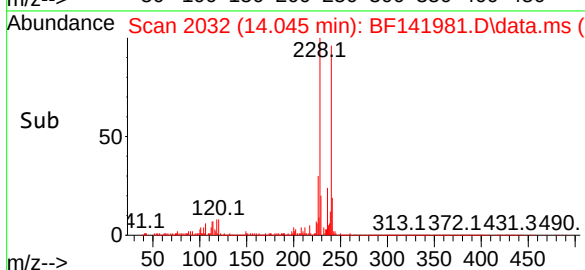
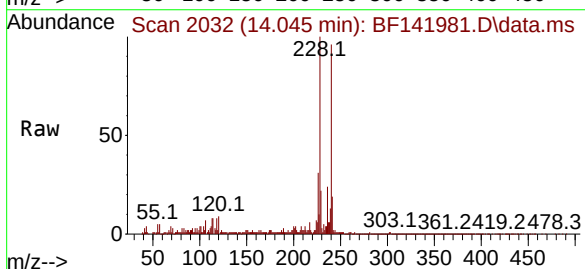
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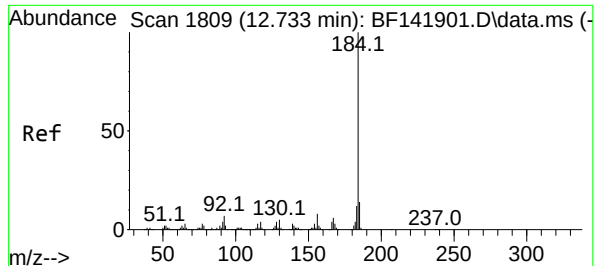
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

Tgt Ion:240 Resp: 282638
Ion Ratio Lower Upper
240 100
120 9.1 8.4 12.6
236 25.5 20.5 30.7





#77

Benzidine

Concen: 49.321 ng

RT: 12.739 min Scan# 1810

Delta R.T. 0.006 min

Lab File: BF141981.D

Acq: 17 Mar 2025 15:00

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MSD

Tgt Ion:184 Resp: 19448

Ion Ratio Lower Upper

184 100

185 14.4 11.5 17.3

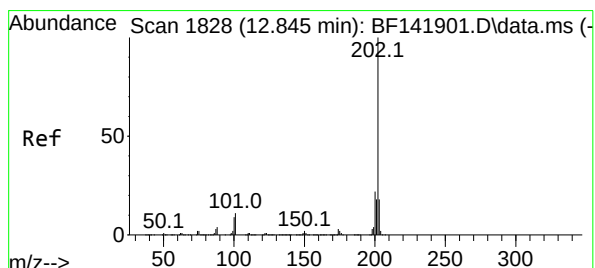
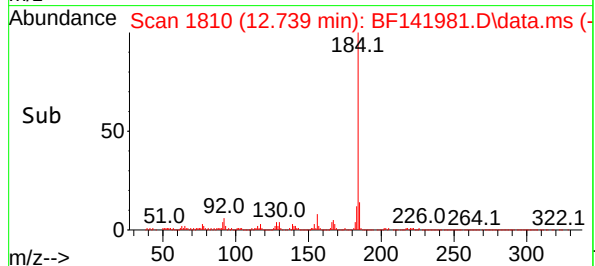
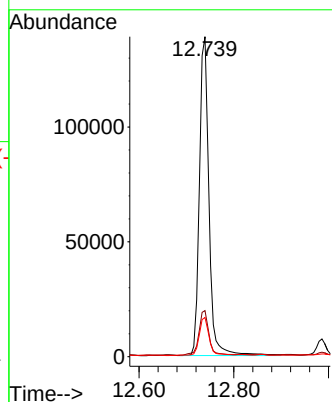
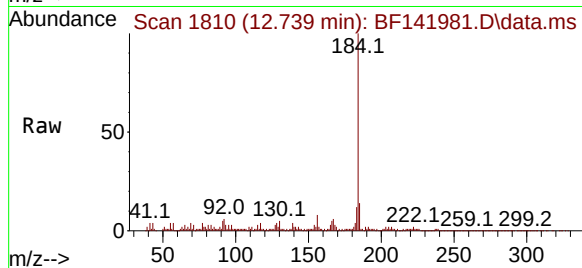
183 12.3 9.7 14.5

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Reviewed By :Anahy Claudio 03/18/2025

Supervised By :Jagrut Upadhyay 03/18/2025



#78

Pyrene

Concen: 38.868 ng

RT: 12.845 min Scan# 1828

Delta R.T. 0.000 min

Lab File: BF141981.D

Acq: 17 Mar 2025 15:00

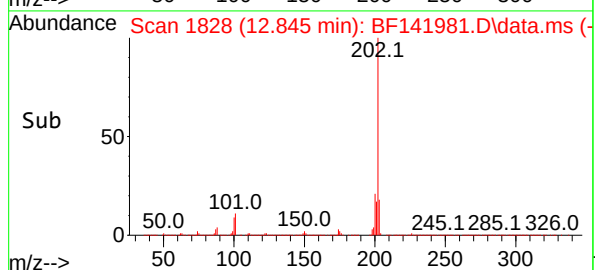
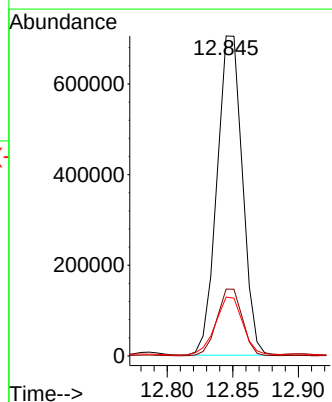
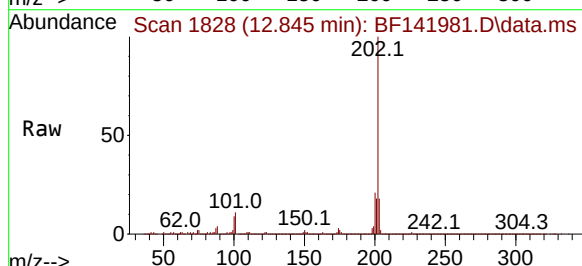
Tgt Ion:202 Resp: 950264

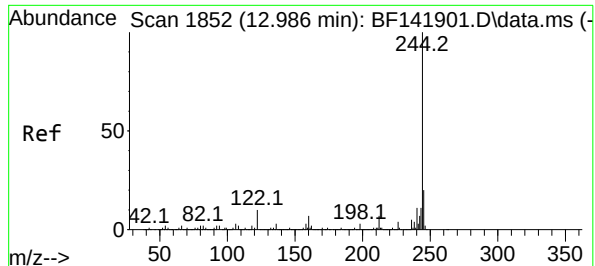
Ion Ratio Lower Upper

202 100

200 20.9 17.3 25.9

203 18.4 14.4 21.6





#79

Terphenyl-d14

Concen: 32.766 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BF141981.D

Acq: 17 Mar 2025 15:00

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MSD

Tgt Ion:244 Resp: 62639

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

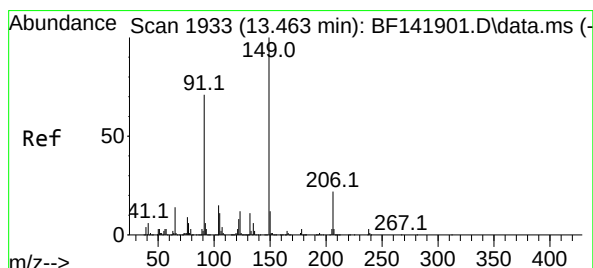
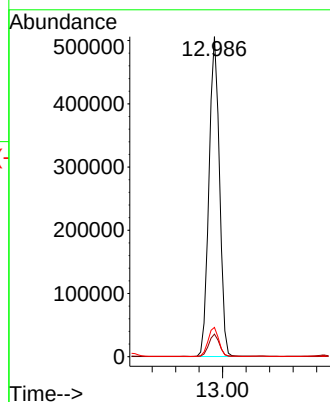
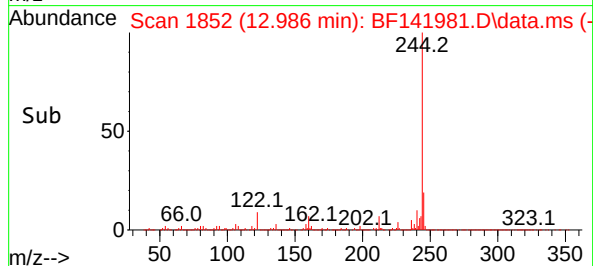
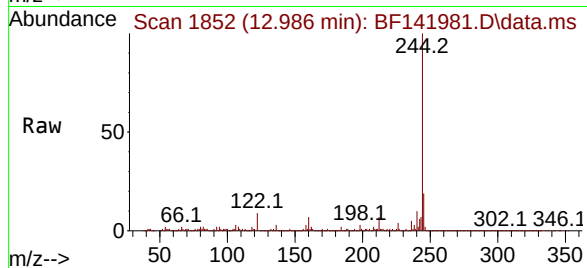
122 9.2 7.7 11.5

Manual Integrations

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Reviewed By :Anahy Claudio 03/18/2025

Supervised By :Jagrut Upadhyay 03/18/2025



#80

Butylbenzylphthalate

Concen: 23.475 ng

RT: 13.463 min Scan# 1933

Delta R.T. 0.000 min

Lab File: BF141981.D

Acq: 17 Mar 2025 15:00

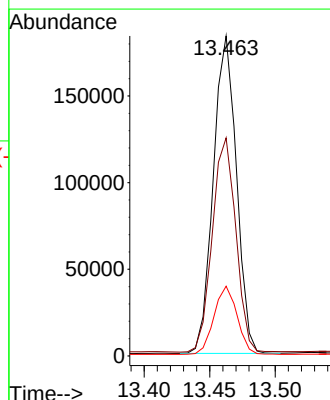
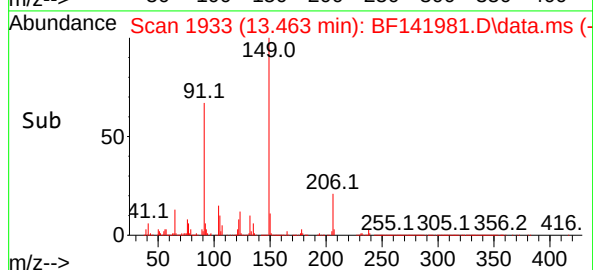
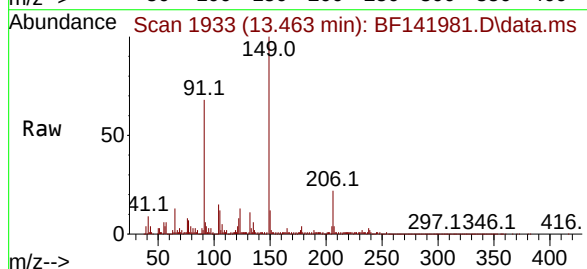
Tgt Ion:149 Resp: 224636

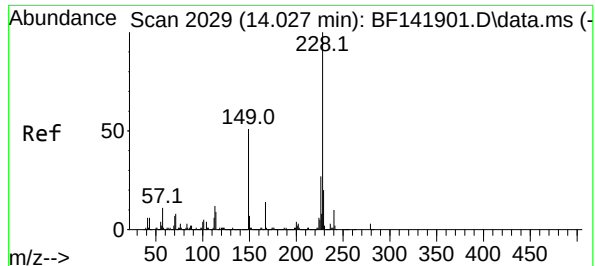
Ion Ratio Lower Upper

149 100

91 68.2 56.5 84.7

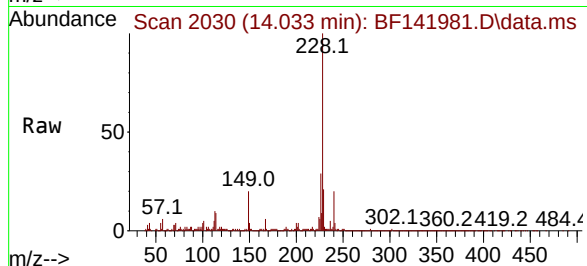
206 21.8 17.3 25.9





#81
Benzo(a)anthracene
Concen: 33.215 ng
RT: 14.033 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

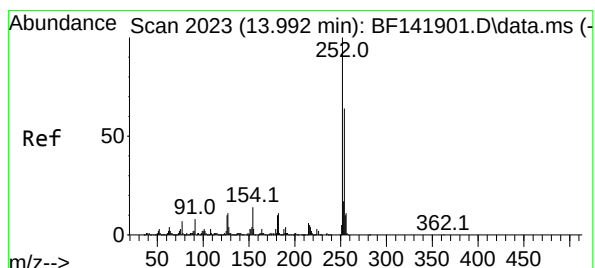
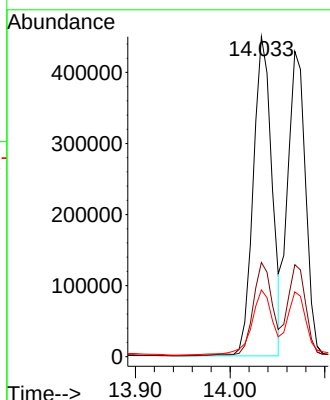
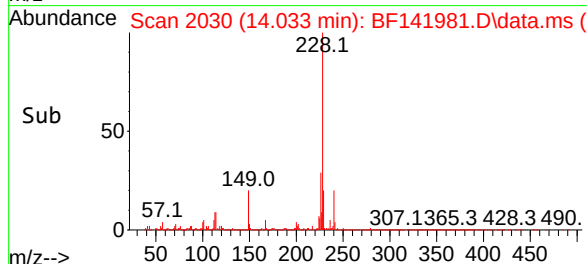
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MSD



Tgt Ion:228 Resp: 616040
Ion Ratio Lower Upper
228 100
226 29.4 21.8 32.8
229 20.9 16.0 24.0

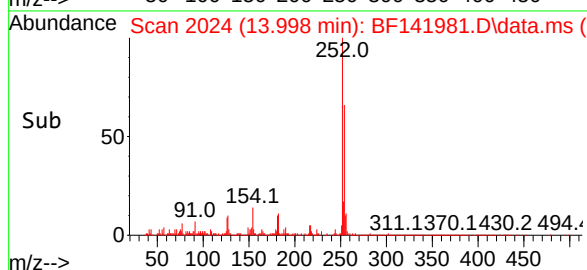
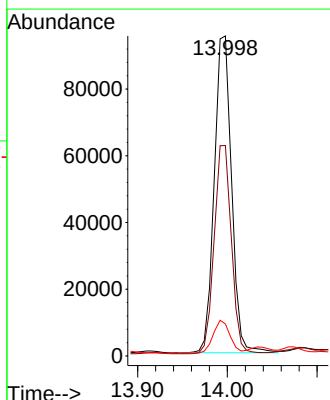
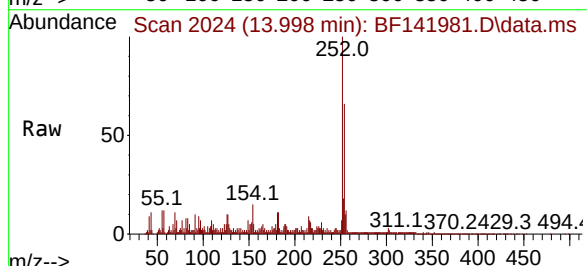
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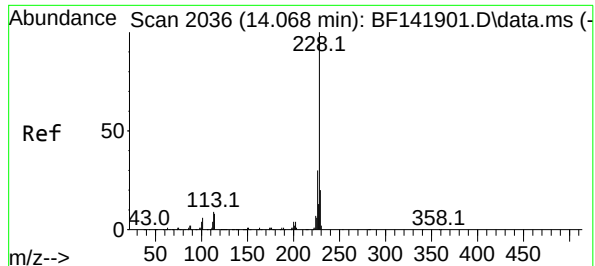
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#82
3,3'-Dichlorobenzidine
Concen: 23.750 ng
RT: 13.998 min Scan# 2024
Delta R.T. 0.006 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

Tgt Ion:252 Resp: 127292
Ion Ratio Lower Upper
252 100
254 65.8 51.0 76.6
126 10.0 8.4 12.6





#83

Chrysene

Concen: 33.337 ng

RT: 14.068 min Scan# 2036

Delta R.T. 0.000 min

Lab File: BF141981.D

Acq: 17 Mar 2025 15:00

Instrument :

BNA_F

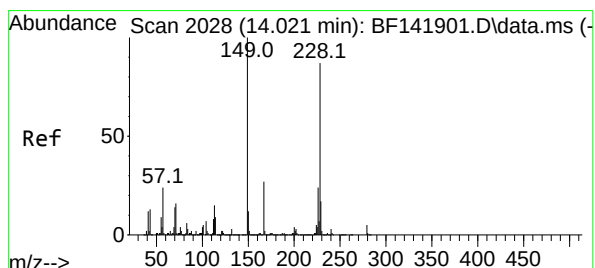
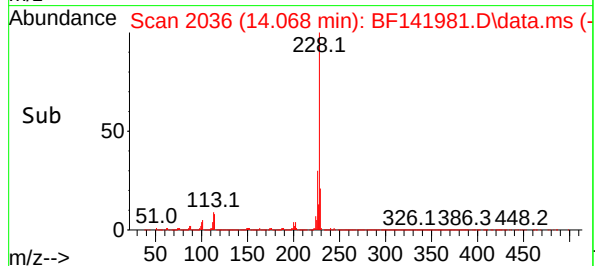
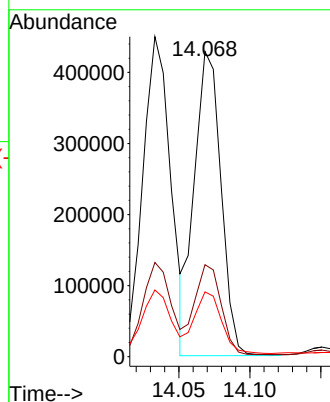
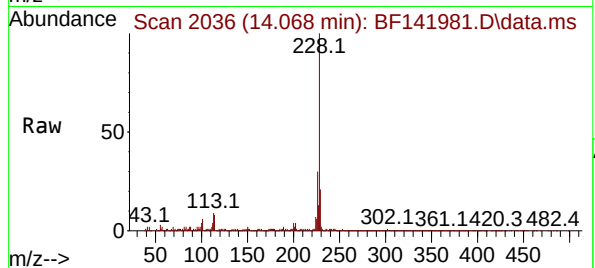
ClientSampleId :

OK-02-03142025MSD

Tgt Ion:228 Resp: 560472
Ion Ratio Lower Upper
228 100
226 30.1 24.1 36.1
229 21.2 15.7 23.5

Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 24.047 ng

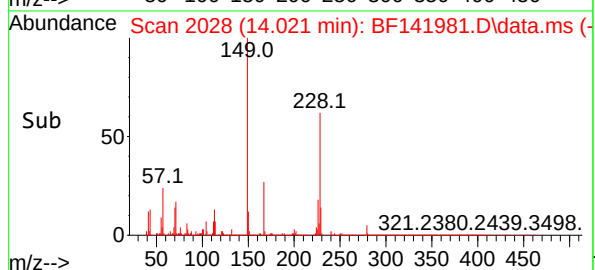
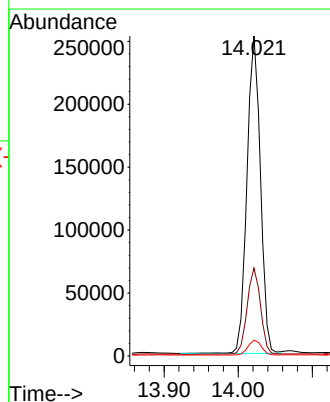
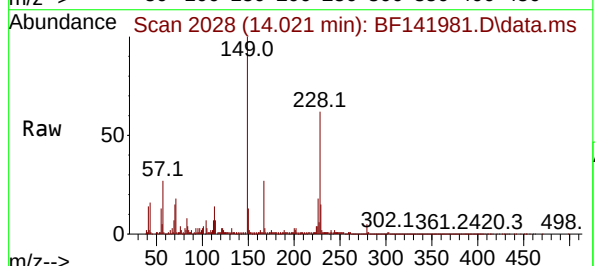
RT: 14.021 min Scan# 2028

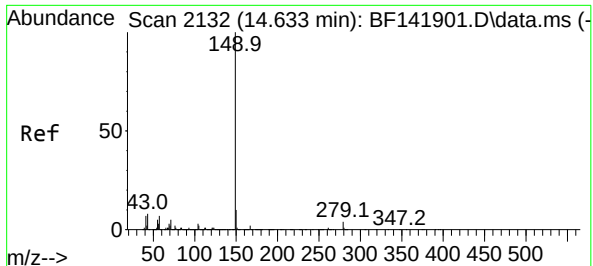
Delta R.T. 0.000 min

Lab File: BF141981.D

Acq: 17 Mar 2025 15:00

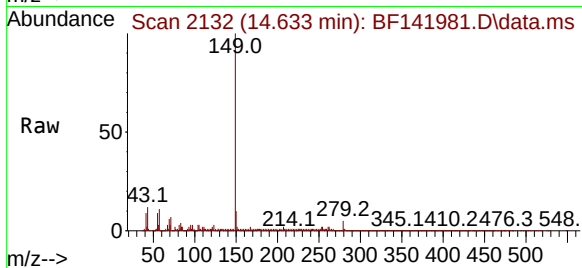
Tgt Ion:149 Resp: 317279
Ion Ratio Lower Upper
149 100
167 27.5 21.4 32.0
279 4.9 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 25.490 ng
RT: 14.633 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

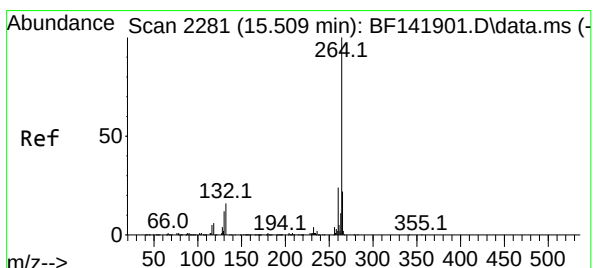
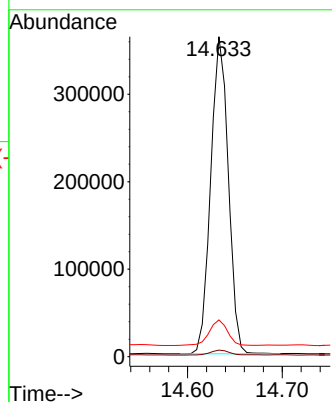
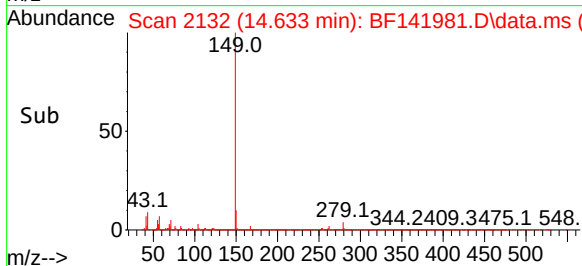
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MSD



Tgt Ion:149 Resp: 46795
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.3 6.9 10.3

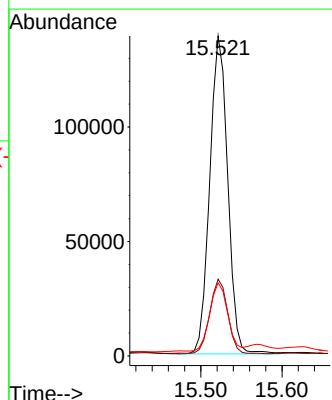
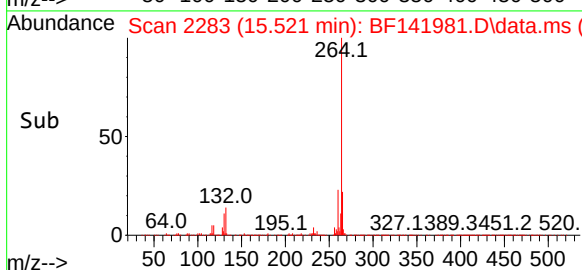
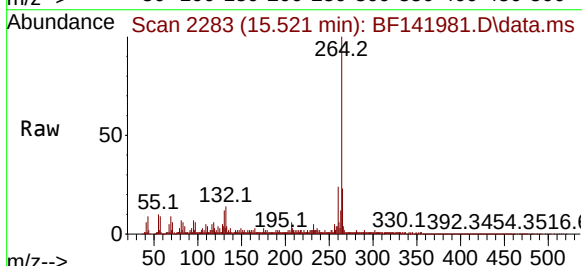
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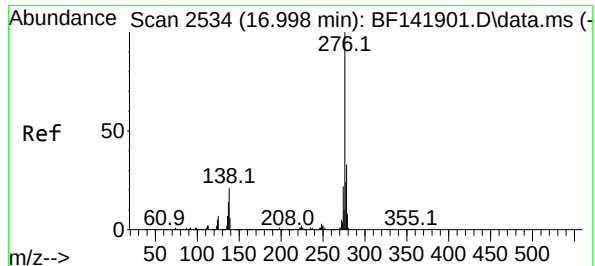
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2283
Delta R.T. 0.012 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

Tgt Ion:264 Resp: 213270
Ion Ratio Lower Upper
264 100
260 24.0 19.1 28.7
265 22.8 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 26.514 ng

RT: 17.015 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF141981.D

Acq: 17 Mar 2025 15:00

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MSD

Tgt Ion:276 Resp: 36579

Ion Ratio Lower Upper

276 100

138 19.4 18.4 27.6

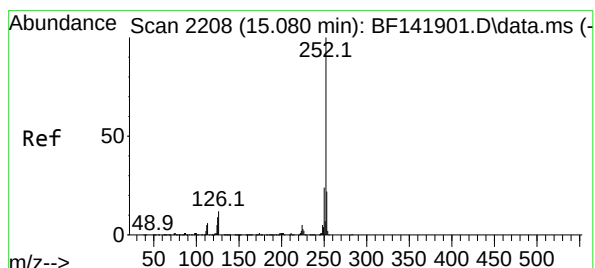
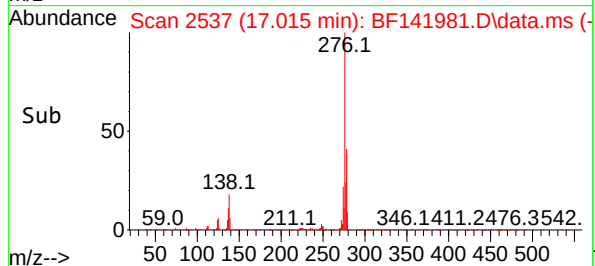
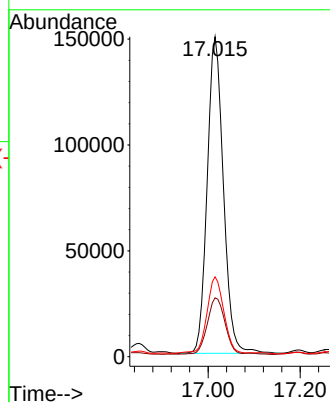
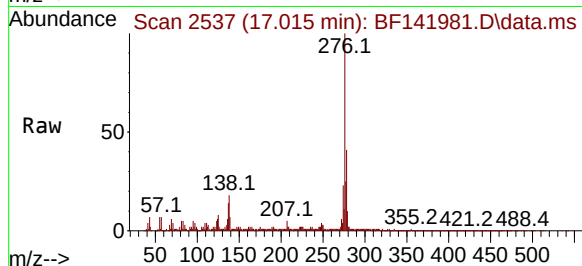
277 25.0 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/18/2025

Supervised By :Jagrut Upadhyay 03/18/2025



#88

Benzo(b)fluoranthene

Concen: 34.142 ng

RT: 15.086 min Scan# 2209

Delta R.T. 0.006 min

Lab File: BF141981.D

Acq: 17 Mar 2025 15:00

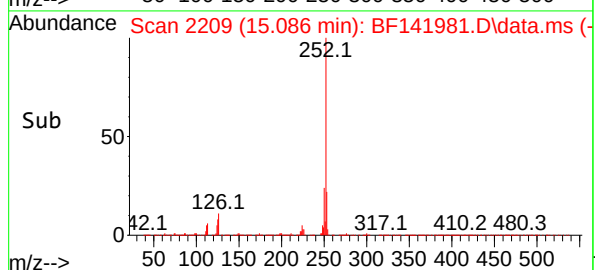
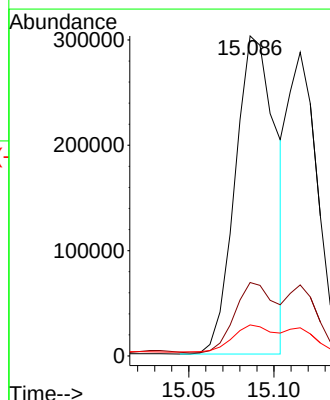
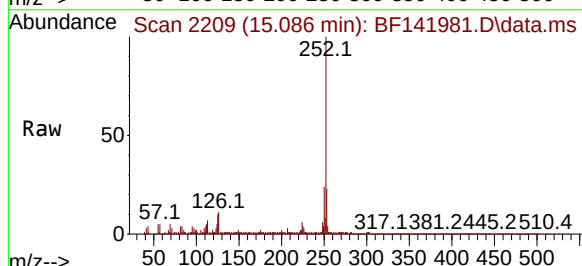
Tgt Ion:252 Resp: 499038

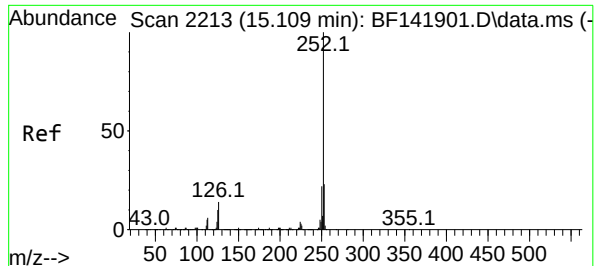
Ion Ratio Lower Upper

252 100

253 23.0 17.5 26.3

125 9.7 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 27.371 ng

RT: 15.115 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF141981.D

Acq: 17 Mar 2025 15:00

Instrument :

BNA_F

ClientSampleId :

OK-02-03142025MSD

Tgt Ion:252 Resp: 342364

Ion Ratio Lower Upper

252 100

253 23.4 17.7 26.5

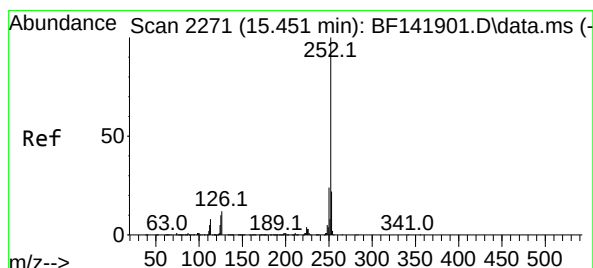
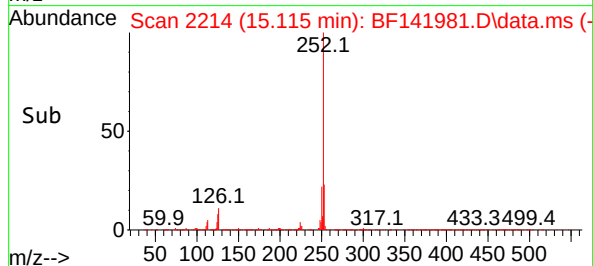
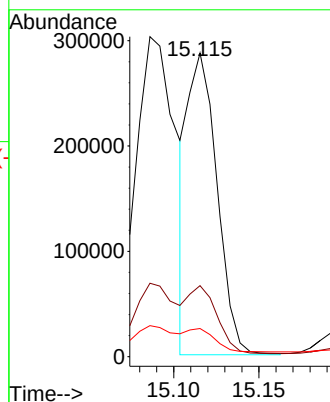
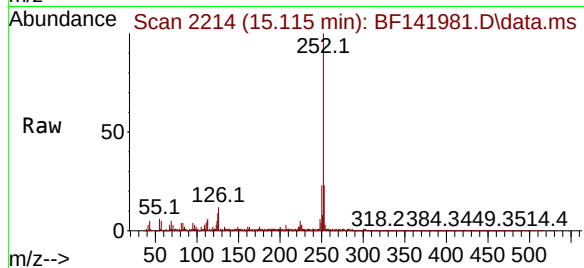
125 9.3 7.2 10.8

Manual Integrations

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Reviewed By :Anahy Claudio 03/18/2025

Supervised By :Jagrut Upadhyay 03/18/2025



#90

Benzo(a)pyrene

Concen: 34.445 ng

RT: 15.457 min Scan# 2272

Delta R.T. 0.006 min

Lab File: BF141981.D

Acq: 17 Mar 2025 15:00

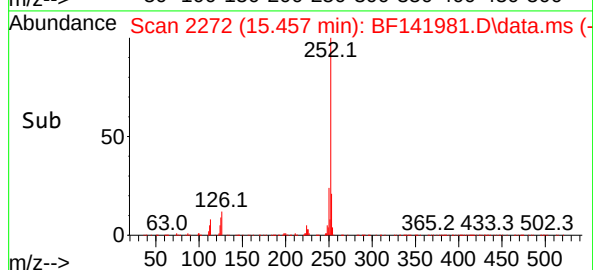
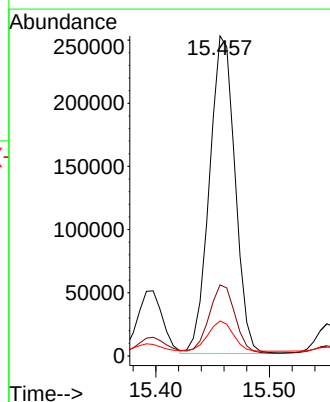
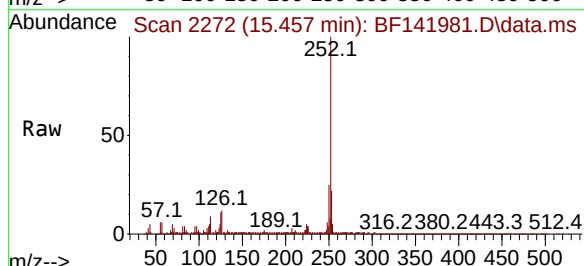
Tgt Ion:252 Resp: 393947

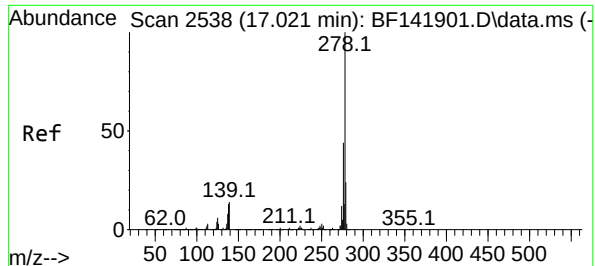
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

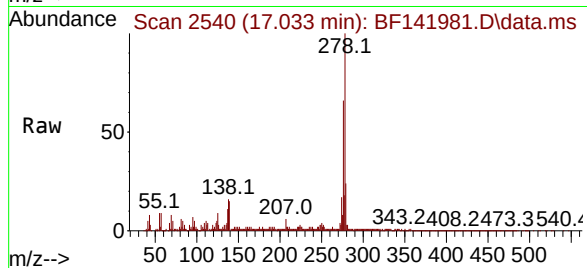
125 11.0 7.8 11.8





#91
Dibenzo(a,h)anthracene
Concen: 22.599 ng
RT: 17.033 min Scan# 2538
Delta R.T. 0.012 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

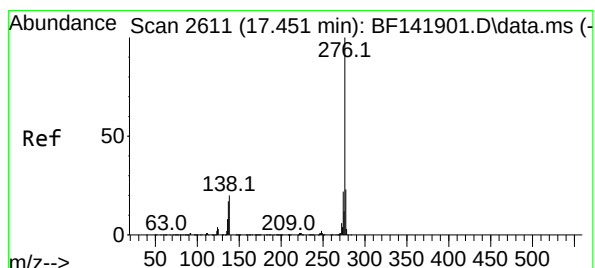
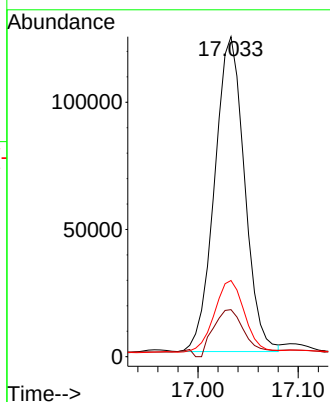
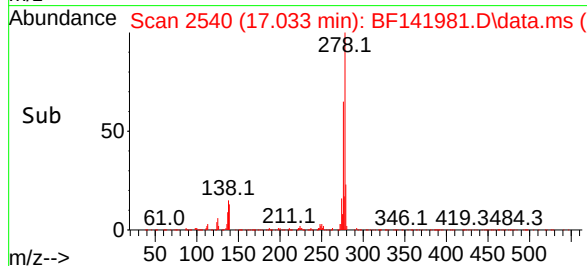
Instrument :
BNA_F
ClientSampleId :
OK-02-03142025MSD



Tgt Ion:278 Resp: 257230
Ion Ratio Lower Upper
278 100
139 14.7 11.4 17.2
279 23.8 18.8 28.2

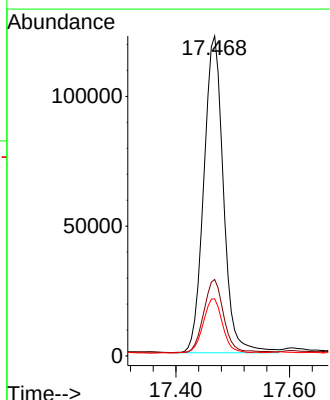
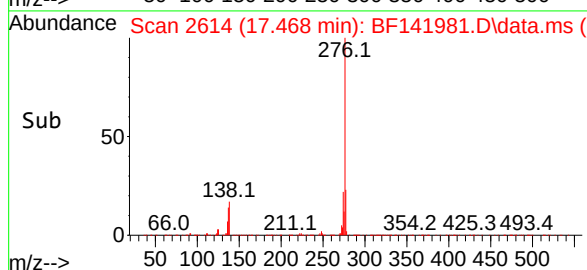
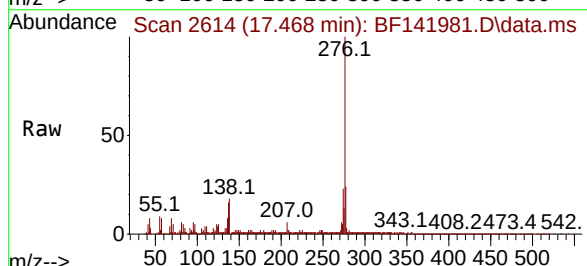
Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#92
Benzo(g,h,i)perylene
Concen: 26.036 ng
RT: 17.468 min Scan# 2614
Delta R.T. 0.018 min
Lab File: BF141981.D
Acq: 17 Mar 2025 15:00

Tgt Ion:276 Resp: 292869
Ion Ratio Lower Upper
276 100
277 23.9 18.7 28.1
138 17.8 15.8 23.8





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Manual Integration Report

Sequence:	BF031025	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC080	BF141904.D	Caprolactam	anahy	3/11/2025 9:10:54 AM	Jagrut	3/11/2025 10:18:21 AM	Peak Integrated by Software



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Manual Integration Report

Sequence:	BF031725	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BF141973.D	Benzo(k)fluoranthene	anahy	3/18/2025 4:19:42 PM	Jagrut	3/18/2025 4:41:59 PM	Peak Integrated by Software
Q1585-01MSD	BF141981.D	Benzoic acid	anahy	3/18/2025 9:43:19 AM	Jagrut	3/18/2025 11:40:56 AM	Peak Integrated by Software

Manual Integration Report

Sequence:

BP031225

Instrument

BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BP024161.D	Benzaldehyde	anahy	3/13/2025 11:10:33 AM	Jagrut	3/13/2025 11:45:04 AM	Peak Integrated by Software
SSTDICC050	BP024165.D	Pyridine	anahy	3/13/2025 11:11:20 AM	Jagrut	3/13/2025 11:45:07 AM	Peak Integrated by Software
SSTDICC060	BP024166.D	Indeno(1,2,3-cd)pyrene	anahy	3/13/2025 11:38:58 AM	Jagrut	3/13/2025 11:45:09 AM	Peak Integrated by Software
SSTDICC060	BP024166.D	Pyridine	anahy	3/13/2025 11:38:58 AM	Jagrut	3/13/2025 11:45:09 AM	Peak Integrated by Software
SSTDICC080	BP024167.D	Pyridine	anahy	3/13/2025 11:39:57 AM	Jagrut	3/13/2025 11:45:11 AM	Peak Integrated by Software
SSTDICV040	BP024168.D	Benzo(g,h,i)perylene	anahy	3/13/2025 11:40:49 AM	Jagrut	3/13/2025 11:45:14 AM	Peak Integrated by Software



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Manual Integration Report

Sequence:

BP031825

Instrument

BNA_p

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF031025

Review By	anahy	Review On	3/11/2025 9:11:47 AM
Supervise By	Jagrut	Supervise On	3/11/2025 10:18:40 AM
SubDirectory	BF031025	HP Acquire Method	BNA_F
		HP Processing Method	bf031025
STD. NAME	STD REF.#		
Tune/Reschk	SP6717		
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729		
CCC	SP6725		
Internal Standard/PEM	S12653,10ul/1000ul sample		
ICV/I.BLK	SP6686		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF141896.D	10 Mar 2025 10:31	RC/JU	Ok
2	SSTDICC2.5	BF141897.D	10 Mar 2025 11:01	RC/JU	Ok
3	SSTDICC005	BF141898.D	10 Mar 2025 11:30	RC/JU	Ok
4	SSTDICC010	BF141899.D	10 Mar 2025 12:00	RC/JU	Ok
5	SSTDICC020	BF141900.D	10 Mar 2025 12:29	RC/JU	Ok
6	SSTDICCC040	BF141901.D	10 Mar 2025 12:58	RC/JU	Ok
7	SSTDICC050	BF141902.D	10 Mar 2025 13:28	RC/JU	Not Ok
8	SSTDICC060	BF141903.D	10 Mar 2025 13:57	RC/JU	Ok
9	SSTDICC080	BF141904.D	10 Mar 2025 14:27	RC/JU	Ok,M
10	SSTDICC050	BF141905.D	10 Mar 2025 15:20	RC/JU	Ok
11	SSTDICV040	BF141906.D	10 Mar 2025 15:53	RC/JU	Ok
12	PB167012BL	BF141907.D	10 Mar 2025 17:09	RC/JU	Ok
13	SP6752	BF141908.D	10 Mar 2025 17:39	RC/JU	Ok,M

M : Manual Integration

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF031725

Review By	anahy	Review On	3/18/2025 9:44:22 AM
Supervise By	Jagrut	Supervise On	3/18/2025 11:41:13 AM
SubDirectory	BF031725	HP Acquire Method	BNA_F
		HP Processing Method	bf031025
STD. NAME	STD REF.#		
Tune/Reschk	SP6717		
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729		
CCC	SP6725		
Internal Standard/PEM	S12655,10ul/1000ul sample		
ICV/I.BLK	SP6686		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF141972.D	17 Mar 2025 09:10	RC/JU	Ok
2	SSTDCCC040	BF141973.D	17 Mar 2025 09:39	RC/JU	Ok,M
3	PB167138BL	BF141974.D	17 Mar 2025 10:09	RC/JU	Ok
4	PB167138BS	BF141975.D	17 Mar 2025 10:38	RC/JU	Ok,M
5	Q1549-01	BF141976.D	17 Mar 2025 11:12	RC/JU	Ok,M
6	Q1585-01	BF141977.D	17 Mar 2025 13:01	RC/JU	Ok,M
7	Q1574-01	BF141978.D	17 Mar 2025 13:31	RC/JU	Not Ok
8	Q1581-01	BF141979.D	17 Mar 2025 14:00	RC/JU	Ok,M
9	Q1585-01MS	BF141980.D	17 Mar 2025 14:30	RC/JU	Ok
10	Q1585-01MSD	BF141981.D	17 Mar 2025 15:00	RC/JU	Ok,M
11	Q1574-01	BF141982.D	17 Mar 2025 15:29	RC/JU	Dilution
12	Q1568-04	BF141983.D	17 Mar 2025 16:01	RC/JU	Ok
13	Q1574-01DL	BF141984.D	17 Mar 2025 17:00	RC/JU	Ok

M : Manual Integration

Instrument ID: **BNA_P**

Daily Analysis Runlog For Sequence/QCBatch ID # BP031225

Review By	anahy	Review On	3/13/2025 11:41:15 AM
Supervise By	Jagrut	Supervise On	3/17/2025 4:44:19 PM
SubDirectory	BP031225	HP Acquire Method	BNA_P
		HP Processing Method	bp031225
STD. NAME	STD REF.#		
Tune/Reschk	SP6717		
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729		
CCC	SP6725		
Internal Standard/PEM	S12653,10ul/1000ul sample		
ICV/I.BLK	SP6686		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP024159.D	12 Mar 2025 15:36	RC/JU	Ok
2	SSTDICC2.5	BP024160.D	12 Mar 2025 16:17	RC/JU	Ok
3	SSTDICC005	BP024161.D	12 Mar 2025 16:57	RC/JU	Ok,M
4	SSTDICC010	BP024162.D	12 Mar 2025 17:38	RC/JU	Ok
5	SSTDICC020	BP024163.D	12 Mar 2025 18:19	RC/JU	Ok
6	SSTDICCC040	BP024164.D	12 Mar 2025 19:00	RC/JU	Ok
7	SSTDICC050	BP024165.D	12 Mar 2025 19:41	RC/JU	Ok,M
8	SSTDICC060	BP024166.D	12 Mar 2025 20:21	RC/JU	Ok,M
9	SSTDICC080	BP024167.D	12 Mar 2025 21:02	RC/JU	Ok,M
10	SSTDICV040	BP024168.D	12 Mar 2025 21:43	RC/JU	Ok,M
11	PB167078BL	BP024169.D	12 Mar 2025 22:24	RC/JU	Ok

M : Manual Integration

Instrument ID: **BNA_P**

Daily Analysis Runlog For Sequence/QC Batch ID # BP031825

Review By	anahy	Review On	3/19/2025 9:19:50 AM
Supervise By	mohammad	Supervise On	3/24/2025 3:03:08 AM
SubDirectory	BP031825	HP Acquire Method	BNA_P
		HP Processing Method	bp031225
STD. NAME	STD REF.#		
Tune/Reschk	SP6717		
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729		
CCC	SP6725		
Internal Standard/PEM	S12655,10ul/1000ul sample		
ICV/I.BLK	SP6686		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP024178.D	18 Mar 2025 09:05	RC/JU	Ok
2	SSTDCCC040	BP024179.D	18 Mar 2025 09:46	RC/JU	Ok
3	PB167157BL	BP024180.D	18 Mar 2025 10:26	RC/JU	Ok
4	PB167157BS	BP024181.D	18 Mar 2025 11:07	RC/JU	Ok
5	PB167171BS	BP024182.D	18 Mar 2025 11:48	RC/JU	Ok,M
6	PB167171BSD	BP024183.D	18 Mar 2025 12:29	RC/JU	Ok,M
7	PB167171BL	BP024184.D	18 Mar 2025 13:10	RC/JU	Ok
8	Q1583-02	BP024185.D	18 Mar 2025 13:57	RC/JU	Ok,M

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF031025

Review By	anahy	Review On	3/11/2025 9:11:47 AM
Supervise By	Jagrut	Supervise On	3/11/2025 10:18:40 AM
SubDirectory	BF031025	HP Acquire Method	BNA_F
		HP Processing Method	bf031025

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12653,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF141896.D	10 Mar 2025 10:31		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BF141897.D	10 Mar 2025 11:01		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BF141898.D	10 Mar 2025 11:30	Compound#9,32,54,65 removed from 5 ppm	RC/JU	Ok
4	SSTDICC010	SSTDICC010	BF141899.D	10 Mar 2025 12:00		RC/JU	Ok
5	SSTDICC020	SSTDICC020	BF141900.D	10 Mar 2025 12:29	Compound #54 Kept on LR, Method is good for DOD . Method failed for compound #77.	RC/JU	Ok
6	SSTDICCC040	SSTDICCC040	BF141901.D	10 Mar 2025 12:58		RC/JU	Ok
7	SSTDICC050	SSTDICC050	BF141902.D	10 Mar 2025 13:28	Not used	RC/JU	Not Ok
8	SSTDICC060	SSTDICC060	BF141903.D	10 Mar 2025 13:57	Compound#69 Removed from 60 ppm	RC/JU	Ok
9	SSTDICC080	SSTDICC080	BF141904.D	10 Mar 2025 14:27	Compound#9,69 Removed from 80 ppm	RC/JU	Ok,M
10	SSTDICC050	SSTDICC050	BF141905.D	10 Mar 2025 15:20		RC/JU	Ok
11	SSTDICV040	ICVBF031025	BF141906.D	10 Mar 2025 15:53		RC/JU	Ok
12	PB167012BL	PB167012BL	BF141907.D	10 Mar 2025 17:09		RC/JU	Ok
13	SP6752	SP6752	BF141908.D	10 Mar 2025 17:39	8270 SPIKE-SP6752	RC/JU	Ok,M

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF031725

Review By	anahy	Review On	3/18/2025 9:44:22 AM
Supervise By	Jagrut	Supervise On	3/18/2025 11:41:13 AM
SubDirectory	BF031725	HP Acquire Method	BNA_F
		HP Processing Method	bf031025

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12655,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF141972.D	17 Mar 2025 09:10		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF141973.D	17 Mar 2025 09:39		RC/JU	Ok,M
3	PB167138BL	PB167138BL	BF141974.D	17 Mar 2025 10:09		RC/JU	Ok
4	PB167138BS	PB167138BS	BF141975.D	17 Mar 2025 10:38		RC/JU	Ok,M
5	Q1549-01	72-11978	BF141976.D	17 Mar 2025 11:12		RC/JU	Ok,M
6	Q1585-01	OK-02-03142025	BF141977.D	17 Mar 2025 13:01		RC/JU	Ok,M
7	Q1574-01	WC1	BF141978.D	17 Mar 2025 13:31	Poor internal standard recovery, Analyze with straight 5X	RC/JU	Not Ok
8	Q1581-01	TR-06-031425	BF141979.D	17 Mar 2025 14:00		RC/JU	Ok,M
9	Q1585-01MS	OK-02-03142025MS	BF141980.D	17 Mar 2025 14:30		RC/JU	Ok
10	Q1585-01MSD	OK-02-03142025MSD	BF141981.D	17 Mar 2025 15:00		RC/JU	Ok,M
11	Q1574-01	WC1	BF141982.D	17 Mar 2025 15:29	Need further 5X Dilution	RC/JU	Dilution
12	Q1568-04	JC-03-03132025	BF141983.D	17 Mar 2025 16:01		RC/JU	Ok
13	Q1574-01DL	WC1DL	BF141984.D	17 Mar 2025 17:00		RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP031225

Review By	anahy	Review On	3/13/2025 11:41:15 AM
Supervise By	Jagrut	Supervise On	3/17/2025 4:44:19 PM
SubDirectory	BP031225	HP Acquire Method	BNA_P
		HP Processing Method	bp031225

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12653,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP024159.D	12 Mar 2025 15:36		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BP024160.D	12 Mar 2025 16:17		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BP024161.D	12 Mar 2025 16:57	Compound #32,54,65 removed from 5ppm	RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BP024162.D	12 Mar 2025 17:38		RC/JU	Ok
5	SSTDICC020	SSTDICC020	BP024163.D	12 Mar 2025 18:19		RC/JU	Ok
6	SSTDICCC040	SSTDICCC040	BP024164.D	12 Mar 2025 19:00	This calibration is good for 8270E and 8270E DOD methods	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BP024165.D	12 Mar 2025 19:41		RC/JU	Ok,M
8	SSTDICC060	SSTDICC060	BP024166.D	12 Mar 2025 20:21	Compound #69 Removed from 60PPM	RC/JU	Ok,M
9	SSTDICC080	SSTDICC080	BP024167.D	12 Mar 2025 21:02	Compound #32,54,69 Removed from 80PPM	RC/JU	Ok,M
10	SSTDICV040	ICVBP031225	BP024168.D	12 Mar 2025 21:43		RC/JU	Ok,M
11	PB167078BL	PB167078BL	BP024169.D	12 Mar 2025 22:24		RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP031825

Review By	anahy	Review On	3/19/2025 9:19:50 AM
Supervise By	mohammad	Supervise On	3/24/2025 3:03:08 AM
SubDirectory	BP031825	HP Acquire Method	BNA_P
		HP Processing Method	bp031225

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12655,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP024178.D	18 Mar 2025 09:05		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP024179.D	18 Mar 2025 09:46		RC/JU	Ok
3	PB167157BL	PB167157BL	BP024180.D	18 Mar 2025 10:26		RC/JU	Ok
4	PB167157BS	PB167157BS	BP024181.D	18 Mar 2025 11:07		RC/JU	Ok
5	PB167171BS	PB167171BS	BP024182.D	18 Mar 2025 11:48		RC/JU	Ok,M
6	PB167171BSD	PB167171BSD	BP024183.D	18 Mar 2025 12:29		RC/JU	Ok,M
7	PB167171BL	PB167171BL	BP024184.D	18 Mar 2025 13:10		RC/JU	Ok
8	Q1583-02	EFF-WASTE WATER	BP024185.D	18 Mar 2025 13:57	Surrogate Fail	RC/JU	Ok,M

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 3/17/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:20
In Date: 03/14/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN-1

OVENTEMP OUT Celsius(°C): 105
Time OUT: 08:35
Out Date: 03/15/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLIDS-OVEN

QC:LB135036

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q1569-01	TAP-IDW-SOIL-031325-01	1	1.14	11.74	12.88	10.13	76.6	
Q1569-04	TAP-IDW-SOIL-031325-02	2	1.16	10.92	12.08	9.16	73.3	
Q1572-01	C0AC9	3	1.12	10.23	11.35	8.25	69.7	
Q1572-02	C0014	4	1.15	10.41	11.56	9.32	78.5	
Q1572-03	C0015	5	1.18	10.05	11.23	9.22	80.0	
Q1572-04	C0016	6	1.15	9.00	10.15	7.3	68.3	
Q1572-05	C0017	7	1.14	10.49	11.63	8.97	74.6	
Q1572-06	C0018	8	1.15	9.91	11.06	8.68	76.0	
Q1572-07	C0019	9	1.16	10.15	11.31	8.17	69.1	
Q1572-08	C0020	10	1.13	10.26	11.39	8.8	74.8	
Q1572-09	C0021	11	1.15	10.40	11.55	8.11	66.9	
Q1572-10	C0022	12	1.15	10.39	11.54	8.00	65.9	
Q1572-11	C0023	13	1.14	10.46	11.6	9.91	83.8	
Q1572-12	C0024	14	1.13	10.28	11.41	8.82	74.8	
Q1572-13	C0025	15	1.12	10.22	11.34	8.92	76.3	
Q1572-14	C0026	16	1.19	10.23	11.42	8.82	74.6	
Q1572-15	C0027	17	1.12	10.48	11.6	8.85	73.8	
Q1572-16	C0028	18	1.15	10.11	11.26	9.52	82.8	
Q1573-01	C0AC4	19	1.19	10.51	11.7	8.81	72.5	
Q1573-02	C0AC5	20	1.16	11.03	12.19	8.16	63.5	
Q1573-03	C0AC6	21	1.14	10.38	11.52	7.66	62.8	
Q1573-04	C0AC8	22	1.16	10.28	11.44	7.25	59.2	
Q1573-05	C0029	23	1.18	10.60	11.78	7.09	55.8	
Q1573-06	C0030	24	1.13	10.13	11.26	8.17	69.5	
Q1573-07	C0031	25	1.19	10.24	11.43	8.1	67.5	
Q1573-08	C0032	26	1.15	10.08	11.23	6.7	55.1	
Q1573-09	C0033	27	1.13	10.27	11.4	7.76	64.6	
Q1573-10	C0034	28	1.14	10.42	11.56	9.7	82.1	



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 3/17/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:20
In Date: 03/14/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN-1

OVENTEMP OUT Celsius(°C): 105
Time OUT: 08:35
Out Date: 03/15/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLIDS-OVEN

QC:LB135036

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q1573-11	C0035	29	1.19	11.25	12.44	9.97	78.0	
Q1574-01	WC1	30	1.11	10.31	11.42	11.21	98.0	
Q1578-01	JEC817T-1-1	31	1.00	1.00	2.00	2.00	100.0	pile
Q1578-02	JEC817T-1-2	32	1.00	1.00	2.00	2.00	100.0	pile
Q1579-01	BC271189-1-1	33	1.00	1.00	2.00	2.00	100.0	pile
Q1579-02	BC271189-1-2	34	1.00	1.00	2.00	2.00	100.0	pile
Q1579-03	BC271038-1-1	35	1.00	1.00	2.00	2.00	100.0	pile
Q1579-04	BC271038-1-2	36	1.00	1.00	2.00	2.00	100.0	pile
Q1581-01	TR-06-031425	37	1.14	10.08	11.22	10.54	93.3	
Q1581-02	TR-06-031425-E2	38	1.18	10.18	11.36	10.64	92.9	
Q1584-05	SVOC-GPC-BLANK	39	1.00	1.00	2.00	2.00	100.0	
Q1584-06	PEST-GPC-BLANK	40	1.00	1.00	2.00	2.00	100.0	
Q1584-07	PEST-GPC-BLANK-SPIKE	41	1.00	1.00	2.00	2.00	100.0	
Q1584-08	PCB-GPC-BLANK	42	1.00	1.00	2.00	2.00	100.0	
Q1584-09	PCB-GPC-BLANK-SPIKE	43	1.00	1.00	2.00	2.00	100.0	
Q1584-10	SVOC-GPC2-BLANK	44	1.00	1.00	2.00	2.00	100.0	
Q1584-11	PEST-GPC2-BLANK	45	1.00	1.00	2.00	2.00	100.0	
Q1584-12	PEST-GPC2-BLANK-SPIKE	46	1.00	1.00	2.00	2.00	100.0	
Q1584-13	PCB-GPC2-BLANK	47	1.00	1.00	2.00	2.00	100.0	
Q1584-14	PCB-GPC2-BLANK-SPIKE	48	1.00	1.00	2.00	2.00	100.0	
Q1585-01	OK-02-03142025	49	1.14	10.43	11.57	11.27	97.1	
Q1585-02	OK-02-03142025-E2	50	1.13	10.27	11.4	10.89	95.0	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

135036

WorkList Name : %1-031425 WorkList ID : 188269 Department : Wet-Chemistry Date : 03-14-2025 08:28:30

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1569-01	TAP-IDW-SOIL-031325-01	Solid	Percent Solids	Cool 4 deg C	WEST04	I33	03/13/2025	Chemtech -SO
Q1569-04	TAP-IDW-SOIL-031325-02	Solid	Percent Solids	Cool 4 deg C	WEST04	I33	03/13/2025	Chemtech -SO
Q1572-01	C0AC9	Solid	Percent Solids	Cool 4 deg C	TETR16	I31	03/12/2025	Chemtech -SO
Q1572-02	C0O14	Solid	Percent Solids	Cool 4 deg C	TETR16	I31	03/12/2025	Chemtech -SO
Q1572-03	C0O15	Solid	Percent Solids	Cool 4 deg C	TETR16	I31	03/12/2025	Chemtech -SO
Q1572-04	C0O16	Solid	Percent Solids	Cool 4 deg C	TETR16	I31	03/12/2025	Chemtech -SO
Q1572-05	C0O17	Solid	Percent Solids	Cool 4 deg C	TETR16	I31	03/12/2025	Chemtech -SO
Q1572-06	C0O18	Solid	Percent Solids	Cool 4 deg C	TETR16	I31	03/12/2025	Chemtech -SO
Q1572-07	C0O19	Solid	Percent Solids	Cool 4 deg C	TETR16	I31	03/12/2025	Chemtech -SO
Q1572-08	C0O20	Solid	Percent Solids	Cool 4 deg C	TETR16	I31	03/12/2025	Chemtech -SO
Q1572-09	C0O21	Solid	Percent Solids	Cool 4 deg C	TETR16	I31	03/12/2025	Chemtech -SO
Q1572-10	C0O22	Solid	Percent Solids	Cool 4 deg C	TETR16	I31	03/12/2025	Chemtech -SO
Q1572-11	C0O23	Solid	Percent Solids	Cool 4 deg C	TETR16	I31	03/12/2025	Chemtech -SO
Q1572-12	C0O24	Solid	Percent Solids	Cool 4 deg C	TETR16	I31	03/12/2025	Chemtech -SO
Q1572-13	C0O25	Solid	Percent Solids	Cool 4 deg C	TETR16	I31	03/12/2025	Chemtech -SO
Q1572-14	C0O26	Solid	Percent Solids	Cool 4 deg C	TETR16	I31	03/12/2025	Chemtech -SO
Q1572-15	C0O27	Solid	Percent Solids	Cool 4 deg C	TETR16	I31	03/12/2025	Chemtech -SO
Q1572-16	C0O28	Solid	Percent Solids	Cool 4 deg C	TETR16	I31	03/12/2025	Chemtech -SO
Q1573-01	C0AC4	Solid	Percent Solids	Cool 4 deg C	TETR16	I31	03/11/2025	Chemtech -SO
Q1573-02	C0AC5	Solid	Percent Solids	Cool 4 deg C	TETR16	I31	03/11/2025	Chemtech -SO
Q1573-03	C0AC6	Solid	Percent Solids	Cool 4 deg C	TETR16	I31	03/11/2025	Chemtech -SO

Date/Time 03/14/25 16:10
 Raw Sample Received by: SP WPC
 Raw Sample Relinquished by: JTCM
 Date/Time 03/14/25 17:30
 Raw Sample Received by: JTCM
 Raw Sample Relinquished by: SP WPC

WORKLIST(Hardcopy Internal Chain)

135036

WorkList Name : %1-031425 WorkList ID : 188269 Department : Wet-Chemistry Date : 03-14-2025 08:28:30

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1573-04	C0AC8	Solid	Percent Solids	Cool 4 deg C	TETR16	I31	03/11/2025	Chemtech -SO
Q1573-05	C0O29	Solid	Percent Solids	Cool 4 deg C	TETR16	I31	03/11/2025	Chemtech -SO
Q1573-06	C0O30	Solid	Percent Solids	Cool 4 deg C	TETR16	I31	03/11/2025	Chemtech -SO
Q1573-07	C0O31	Solid	Percent Solids	Cool 4 deg C	TETR16	I31	03/11/2025	Chemtech -SO
Q1573-08	C0O32	Solid	Percent Solids	Cool 4 deg C	TETR16	I31	03/11/2025	Chemtech -SO
Q1573-09	C0O33	Solid	Percent Solids	Cool 4 deg C	TETR16	I31	03/11/2025	Chemtech -SO
Q1573-10	C0O34	Solid	Percent Solids	Cool 4 deg C	TETR16	I31	03/11/2025	Chemtech -SO
Q1573-11	C0O35	Solid	Percent Solids	Cool 4 deg C	TETR16	I31	03/11/2025	Chemtech -SO
Q1574-01	WC1	Solid	Percent Solids	Cool 4 deg C	TETR16	I31	03/11/2025	Chemtech -SO
Q1578-01	JEC817T-1-1	Solid	Percent Solids	Cool 4 deg C	GENV01	I41	03/12/2025	Chemtech -SO
Q1578-02	JEC817T-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	I41	03/14/2025	Chemtech -SO
Q1579-01	BC271189-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	I41	03/14/2025	Chemtech -SO
Q1579-02	BC271189-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	I41	03/14/2025	Chemtech -SO
Q1579-03	BC271038-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	I41	03/14/2025	Chemtech -SO
Q1579-04	BC271038-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	I41	03/14/2025	Chemtech -SO
Q1581-01	TR-06-031425	Solid	Percent Solids	Cool 4 deg C	PSEG05	I41	03/14/2025	Chemtech -SO
Q1581-02	TR-06-031425-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	I41	03/14/2025	Chemtech -SO
Q1584-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	F11	03/14/2025	Chemtech -SO
Q1584-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	F11	03/14/2025	Chemtech -SO
Q1584-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	F11	03/14/2025	Chemtech -SO
Q1584-08	PCB-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	F11	03/14/2025	Chemtech -SO

Date/Time 03/14/25 16:10 Date/Time 03/14/25 17:30
 Raw Sample Received by: SS WCC Raw Sample Received by: STC54
 Raw Sample Relinquished by: STC54 Raw Sample Relinquished by: SS WCC

WORKLIST(Hardcopy Internal Chain)

WB 135036

WorkList Name : %1-031425 WorkList ID : 188269 Department : Wet-Chemistry Date : 03-14-2025 08:28:30

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1584-09	PCB-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	F11	03/14/2025	Chemtech -SO
Q1584-10	SVOC-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	F11	03/14/2025	Chemtech -SO
Q1584-11	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	F11	03/14/2025	Chemtech -SO
Q1584-12	PEST-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	F11	03/14/2025	Chemtech -SO
Q1584-13	PCB-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	F11	03/14/2025	Chemtech -SO
Q1584-14	PCB-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	F11	03/14/2025	Chemtech -SO
Q1585-01	OK-02-03142025	Solid	Percent Solids	Cool 4 deg C	PSEG05	I41	03/14/2025	Chemtech -SO
Q1585-02	OK-02-03142025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	I41	03/14/2025	Chemtech -SO

Date/Time 03/14/25 16:10
 Raw Sample Received by: JB muel
 Raw Sample Relinquished by: IT (SM)

Date/Time 03/14/25 17:30
 Raw Sample Received by: IT (SM)
 Raw Sample Relinquished by: JB muel

SOP ID: M3541-ASE Extraction-14

Clean Up SOP #: N/A

Matrix : Solid

Weigh By: EH

Balance check: RJ

Balance ID: EX-SC-1

pH Strip Lot#: N/A

Extraction By: RJ

Filter By: RJ

pH Meter ID: N/A

Hood ID: N/A

Extraction Start Date : 03/17/2025

Extraction Start Time : 09:15

Extraction End Date : 03/17/2025

Extraction End Time : 12:15

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	SP6720
Surrogate	1.0ML	100/150 PPM	SP6638
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
MeCl2/Acetone/1:1	N/A	EP2591
Baked Na2SO4	N/A	EP2593
Sand	N/A	EP2865
Methylene Chloride	N/A	E3904
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:

1.5ML Vial Lot # 2210673.

KD Bath ID: N/A

Envap ID: NEVAP-02

KD Bath Temperature: N/A

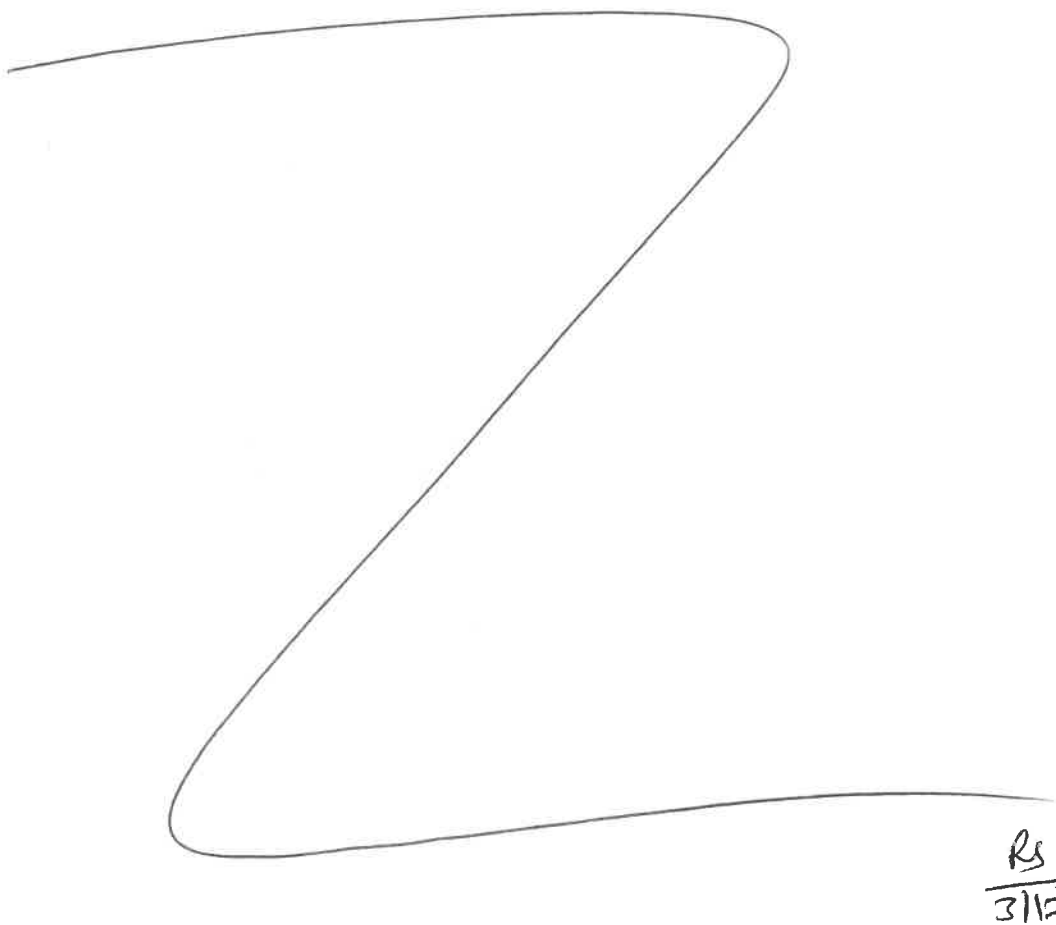
Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
3/17/25	RS (Ext Lab)	RC/SVOC
12:20	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 03/17/2025

Sample ID	Client Sample ID	Test	g/mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB167157BL	SBLK157	SVOC-TCL BNA -20	30.01	N/A	ritesh	Evelyn	1			U2-1
PB167157BS	SLCS157	SVOC-TCL BNA -20	30.03	N/A	ritesh	Evelyn	1			2
Q1574-01	WC1	SVOC-TCL BNA -20	30.02	N/A	ritesh	Evelyn	1	C		3
Q1581-01	TR-06-031425	SVOC-TCL BNA -20	50.04	N/A	ritesh	Evelyn	1	E		4
Q1585-01	OK-02-03142025	SVOC-TCL BNA -20	50.02	N/A	ritesh	Evelyn	1	E		5
Q1585-01MS	OK-02-03142025MS	SVOC-TCL BNA -20	50.06	N/A	ritesh	Evelyn	1	E		6
Q1585-01MS D	OK-02-03142025MSD	SVOC-TCL BNA -20	50.08	N/A	ritesh	Evelyn	1	E		U3-1



RS
3/17

167157
491116

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1585BN WorkList ID : 188311 Department : Extraction Date : 03-17-2025 08:41:08

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1574-01	WC1	Solid	SVOC-TCL BNA -20	Cool 4 deg C	GENV01	I41	03/12/2025	8270E
Q1581-01	TR-06-031425	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG05	I41	03/14/2025	8270E
Q1585-01	OK-02-03142025	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG05	I41	03/14/2025	8270E

Date/Time 03/17/25 9:10
Raw Sample Received by: BJ LEAH-VAB
Raw Sample Relinquished by: BJ LEAH-VAB

Date/Time 03/17/25 9:30
Raw Sample Received by: BJ LEAH-VAB
Raw Sample Relinquished by: BJ LEAH-VAB



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Geop Inc
ADDRESS: 8 CARRIAGE
CITY: Succasunna STATE: NJ ZIP: 07876
ATTENTION:
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Ave L
PROJECT NO.: LOCATION:
PROJECT MANAGER: GL
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: Geop Inc PO#:
ADDRESS: 8 CARRIAGE
CITY: Succasunna STATE: NJ ZIP: 07876
ATTENTION: PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) DAYS*
HARDCOPY (DATA PACKAGE): STANDARD DAYS*
EDD: 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 ASP A ☐ NYS ASP B
+ Raw Data ☐ Other
☒ EDD FORMAT add meta excel

1. TCU metals
2. THL metals
3. PCRA
4. VOC
5. BTEX
6. PCB
7. PH
8. Isotobility
9. EPH

PRESERVATIVES

COMMENTS

← Specify Preservatives
A-HCl D-NaOH
B-HNO3 E-ICE
C-H2SO4 F-OTHER

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES										
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	WC1	501	X		3/13/25	1255	2	X	X	X	X	X	X	X	X		
2.																	
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>[Signature]</u>	DATE/TIME: <u>3/14/25 1110</u>	RECEIVED BY: <u>[Signature]</u>	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>21.2</u> °C
RELINQUISHED BY SAMPLER: 2.	DATE/TIME:	RECEIVED BY: 2.	Comments:
RELINQUISHED BY SAMPLER: 3.	DATE/TIME:	RECEIVED BY: 3.	Page ____ of

CLIENT: ☐ Hand Delivered ☐ Other
Shipment Complete ☐ YES ☐ NO

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1574	GENV01	Order Date : 3/14/2025 11:25:00 AM	Project Mgr : nj reduce
Client Name : G Environmental		Project Name : Ave L	Report Type : ~~Level 1~~ <u>Results only</u>
Client Contact : Gary Landis		Receive DateTime : 3/14/2025 3:00:00 PM 11:10	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
Q1574-01	WC1	Solid	03/12/2025	12:55	VOC-TCLVOA-10		8260D		10 Bus. Days

Relinquished By : [Signature]
Date / Time : 3/14/25 1150

Received By : [Signature]
Date / Time : 3/14/25 11:50

Storage Area : VOA Refridgerator Room