

Cover Page

Order ID : Q3604

Project ID : MCUA - New Brunswick

Client : Roman E&G Corp

Lab Sample Number

Q3604-01
Q3604-02

Client Sample Number

S-1
S-2

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: 11/17/2025

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 #: Q3604

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: PRADIP PRAJAPATI

Date: 11/17/2025

LAB CHRONICLE

OrderID:	Q3604	OrderDate:	11/10/2025 4:28:38 PM
Client:	Roman E&G Corp	Project:	MCUA - New Brunswick
Contact:	Amanda Gentle	Location:	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3604-01	S-1	TCLP	TCLP BNA	8270E	11/10/25	11/12/25	11/12/25	11/10/25
Q3604-02	S-2	TCLP	TCLP BNA	8270E	11/10/25	11/12/25	11/12/25	11/10/25
Q3604-04	S-1	SOIL	SVOC-TCL BNA -20	8270E	11/10/25	11/25/25	11/26/25	11/10/25
Q3604-05	S-2	SOIL	SVOC-TCL BNA -20	8270E	11/10/25	11/25/25	11/26/25	11/10/25

Hit Summary Sheet SW-846

SDG No.: Q3604

Client: Roman E&G Corp

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : S-1								
Q3604-04	S-1	SOIL	Fluoranthene	58.400	J	21.7	120	ug/Kg
			Total Svoc :	58.40				
Q3604-04	S-1	SOIL	Hexacosane	*	190.000	J 0	0	ug/Kg
Q3604-04	S-1	SOIL	n-Hexadecanoic acid	*	260.000	J 0	0	ug/Kg
Q3604-04	S-1	SOIL	Octadecane	*	140.000	J 0	0	ug/Kg
Q3604-04	S-1	SOIL	Octadecanoic acid	*	90.300	J 0	0	ug/Kg
Q3604-04	S-1	SOIL	Supraene	*	210.000	J 0	0	ug/Kg
Q3604-04	S-1	SOIL	Benzophenone	*	140.000	J 0	0	ug/Kg
Q3604-04	S-1	SOIL	Eicosane	*	210.000	J 0	0	ug/Kg
Q3604-04	S-1	SOIL	Eicosyl heptafluorobutyrate	*	76.800	J 0	0	ug/Kg
			Total Tics :	1,317.10				
			Total Concentration:	1,375.50				
Client ID : S-2								
Q3604-05	S-2	SOIL	Benzophenone	*	160.000	J 0	0	ug/Kg
Q3604-05	S-2	SOIL	n-Hexadecanoic acid	*	240.000	J 0	0	ug/Kg
Q3604-05	S-2	SOIL	Octadecanoic acid	*	57.700	J 0	0	ug/Kg
Q3604-05	S-2	SOIL	Pentadecafluorooctanoic acid, oct:	*	150.000	J 0	0	ug/Kg
			Total Tics :	607.70				
			Total Concentration:	607.70				



QC SUMMARY

Surrogate Summary

SW-846

SDG No.: **Q3604**

Client: **Roman E&G Corp**

Analytical Method: **8270E**

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB170735BL	PB170735BL	2-Fluorophenol	150	112	74		30 (10)	130 (105)
		Phenol-d6	150	113	75		30 (10)	130 (103)
		Nitrobenzene-d5	100	74.9	75		30 (10)	130 (108)
		2-Fluorobiphenyl	100	75.6	76		30 (10)	130 (108)
		2,4,6-Tribromophenol	150	112	75		30 (10)	130 (116)
		Terphenyl-d14	100	84.2	84		30 (10)	130 (109)
PB170735BS	PB170735BS	2-Fluorophenol	150	112	75		30 (10)	130 (105)
		Phenol-d6	150	113	76		30 (10)	130 (103)
		Nitrobenzene-d5	100	77.9	78		30 (10)	130 (108)
		2-Fluorobiphenyl	100	77.8	78		30 (10)	130 (108)
		2,4,6-Tribromophenol	150	107	72		30 (10)	130 (116)
		Terphenyl-d14	100	76.5	76		30 (10)	130 (109)
Q3604-04	S-1	2-Fluorophenol	150	68.0	45		30 (10)	130 (105)
		Phenol-d6	150	69.5	46		30 (10)	130 (103)
		Nitrobenzene-d5	100	46.7	47		30 (10)	130 (108)
		2-Fluorobiphenyl	100	44.3	44		30 (10)	130 (108)
		2,4,6-Tribromophenol	150	56.9	38		30 (10)	130 (116)
		Terphenyl-d14	100	35.5	36		30 (10)	130 (109)
Q3604-05	S-2	2-Fluorophenol	150	90.4	60		30 (10)	130 (105)
		Phenol-d6	150	93.1	62		30 (10)	130 (103)
		Nitrobenzene-d5	100	61.0	61		30 (10)	130 (108)
		2-Fluorobiphenyl	100	59.9	60		30 (10)	130 (108)
		2,4,6-Tribromophenol	150	76.5	51		30 (10)	130 (116)
		Terphenyl-d14	100	46.7	47		30 (10)	130 (109)
Q3719-10MS	SB-1125-15BMS	2-Fluorophenol	150	63.6	42		30 (10)	130 (105)
		Phenol-d6	150	63.1	42		30 (10)	130 (103)
		Nitrobenzene-d5	100	42.7	43		30 (10)	130 (108)
		2-Fluorobiphenyl	100	41.8	42		30 (10)	130 (108)
		2,4,6-Tribromophenol	150	65.1	43		30 (10)	130 (116)
		Terphenyl-d14	100	44.4	44		30 (10)	130 (109)
Q3719-10MSD	SB-1125-15BMSD	2-Fluorophenol	150	62.3	42		30 (10)	130 (105)
		Phenol-d6	150	60.3	40		30 (10)	130 (103)
		Nitrobenzene-d5	100	42.9	43		30 (10)	130 (108)
		2-Fluorobiphenyl	100	43.2	43		30 (10)	130 (108)
		2,4,6-Tribromophenol	150	60.3	40		30 (10)	130 (116)
		Terphenyl-d14	100	40.4	40		30 (10)	130 (109)

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3604

Analytical Method: SW8270E

Client: Roman E&G Corp

DataFile: BP026201.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q3719-10MS		Client Sample ID: SB-1125-15BMS									
Benzaldehyde	1900	0	1200	ug/Kg	63				20 (20)	160 (111)	
Phenol	1900	0	1700	ug/Kg	89				20 (51)	160 (122)	
bis(2-Chloroethyl)ether	1900	0	1700	ug/Kg	89				70 (67)	130 (110)	
2-Chlorophenol	1900	0	1800	ug/Kg	95				70 (67)	130 (119)	
2-Methylphenol	1900	0	1700	ug/Kg	89				70 (68)	130 (116)	
2,2-oxybis(1-Chloropropane)	1900	0	1700	ug/Kg	89				70 (59)	130 (113)	
Acetophenone	1900	0	1800	ug/Kg	95				70 (55)	130 (128)	
3+4-Methylphenols	1900	0	1700	ug/Kg	89				20 (70)	160 (111)	
N-Nitroso-di-n-propylamine	1900	0	1600	ug/Kg	84				70 (59)	130 (119)	
Hexachloroethane	1900	0	1800	ug/Kg	95				20 (65)	160 (115)	
Nitrobenzene	1900	0	1800	ug/Kg	95				70 (66)	130 (120)	
Isophorone	1900	0	1700	ug/Kg	89				70 (67)	130 (113)	
2-Nitrophenol	1900	0	1800	ug/Kg	95				70 (69)	130 (135)	
2,4-Dimethylphenol	1900	0	1800	ug/Kg	95				70 (63)	130 (151)	
bis(2-Chloroethoxy)methane	1900	0	1700	ug/Kg	89				70 (70)	130 (112)	
2,4-Dichlorophenol	1900	0	1800	ug/Kg	95				70 (70)	130 (121)	
Naphthalene	1900	0	1700	ug/Kg	89				70 (66)	130 (113)	
4-Chloroaniline	1900	0	760	ug/Kg	40	*			70 (10)	130 (100)	
Hexachlorobutadiene	1900	0	1800	ug/Kg	95				70 (67)	130 (118)	
Caprolactam	1900	0	1700	ug/Kg	89				20 (51)	160 (134)	
4-Chloro-3-methylphenol	1900	0	1800	ug/Kg	95				70 (71)	130 (118)	
2-Methylnaphthalene	1900	0	1600	ug/Kg	84				70 (59)	130 (123)	
Hexachlorocyclopentadiene	3700	0	3500	ug/Kg	95				20 (16)	160 (175)	
2,4,6-Trichlorophenol	1900	0	1900	ug/Kg	100				70 (67)	130 (128)	
2,4,5-Trichlorophenol	1900	0	1900	ug/Kg	100				70 (69)	130 (123)	
1,1-Biphenyl	1900	0	1800	ug/Kg	95				70 (69)	130 (126)	
2-Chloronaphthalene	1900	0	1800	ug/Kg	95				70 (71)	130 (113)	
2-Nitroaniline	1900	0	1800	ug/Kg	95				70 (73)	130 (125)	
Dimethylphthalate	1900	0	1800	ug/Kg	95				70 (72)	130 (116)	
Acenaphthylene	1900	0	1800	ug/Kg	95				70 (69)	130 (128)	
2,6-Dinitrotoluene	1900	0	2000	ug/Kg	105				70 (67)	130 (141)	
3-Nitroaniline	1900	0	1100	ug/Kg	58	*			70 (28)	130 (102)	
Acenaphthene	1900	0	1800	ug/Kg	95				70 (70)	130 (121)	
2,4-Dinitrophenol	3700	0	4000	ug/Kg	108				20 (10)	160 (164)	
4-Nitrophenol	3700	0	3400	ug/Kg	92				20 (49)	160 (133)	
Dibenzofuran	1900	0	1800	ug/Kg	95				70 (71)	130 (111)	
2,4-Dinitrotoluene	1900	0	1900	ug/Kg	100				70 (73)	130 (130)	
Diethylphthalate	1900	160	1900	ug/Kg	93				70 (73)	130 (116)	
4-Chlorophenyl-phenylether	1900	0	1800	ug/Kg	95				70 (72)	130 (112)	
Fluorene	1900	0	1800	ug/Kg	95				70 (67)	130 (114)	
4-Nitroaniline	1900	0	1600	ug/Kg	84				70 (61)	130 (128)	
4,6-Dinitro-2-methylphenol	1900	0	1900	ug/Kg	100				70 (25)	130 (163)	
N-Nitrosodiphenylamine	1900	0	1900	ug/Kg	100				70 (73)	130 (118)	
4-Bromophenyl-phenylether	1900	0	1900	ug/Kg	100				70 (65)	130 (121)	
Hexachlorobenzene	1900	0	1900	ug/Kg	100				70 (67)	130 (118)	
Atrazine	1900	0	1900	ug/Kg	100				70 (79)	130 (127)	

() = LABORATORY INHOUSE LIMIT

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3604

Analytical Method: SW8270E

Client: Roman E&G Corp

DataFile: BP026201.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Pentachlorophenol	3700	0	3800	ug/Kg	103				20 (39)	160 (145)	
Phenanthrene	1900	0	1900	ug/Kg	100				70 (52)	130 (128)	
Anthracene	1900	0	1900	ug/Kg	100				70 (62)	130 (124)	
Carbazole	1900	0	1800	ug/Kg	95				70 (73)	130 (115)	
Di-n-butylphthalate	1900	0	1900	ug/Kg	100				70 (72)	130 (129)	
Fluoranthene	1900	110	1900	ug/Kg	94				70 (31)	130 (152)	
Pyrene	1900	74.7	2000	ug/Kg	101				70 (37)	130 (122)	
Butylbenzylphthalate	1900	0	1900	ug/Kg	100				70 (59)	130 (151)	
3,3-Dichlorobenzidine	1900	0	1200	ug/Kg	63	*			70 (10)	130 (116)	
Benzo(a)anthracene	1900	0	1900	ug/Kg	100				70 (53)	130 (119)	
Chrysene	1900	0	1800	ug/Kg	95				70 (57)	130 (121)	
bis(2-Ethylhexyl)phthalate	1900	0	1800	ug/Kg	95				70 (64)	130 (139)	
Di-n-octyl phthalate	1900	0	1800	ug/Kg	95				70 (51)	130 (156)	
Benzo(b)fluoranthene	1900	0	1900	ug/Kg	100				70 (52)	130 (117)	
Benzo(k)fluoranthene	1900	0	1900	ug/Kg	100				70 (57)	130 (134)	
Benzo(a)pyrene	1900	0	2000	ug/Kg	105				70 (70)	130 (142)	
Indeno(1,2,3-cd)pyrene	1900	0	1900	ug/Kg	100				70 (48)	130 (129)	
Dibenz(a,h)anthracene	1900	0	1900	ug/Kg	100				70 (43)	130 (123)	
Benzo(g,h,i)perylene	1900	0	1900	ug/Kg	100				70 (40)	130 (133)	
1,2,4,5-Tetrachlorobenzene	1900	0	1900	ug/Kg	100				70 (65)	130 (132)	
1,4-Dioxane	1900	0	1600	ug/Kg	84				20 (46)	160 (112)	
2,3,4,6-Tetrachlorophenol	1900	0	2000	ug/Kg	105				70 (56)	130 (141)	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3604

Analytical Method: SW8270E

Client: Roman E&G Corp

DataFile: BP026202.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q3719-10MSD		Client Sample ID: SB-1125-15BMSD									
Benzaldehyde	1900	0	1200	ug/Kg	63		0		20 (20)	160 (111)	30 (20)
Phenol	1900	0	1700	ug/Kg	89		0		20 (51)	160 (122)	30 (20)
bis(2-Chloroethyl)ether	1900	0	1700	ug/Kg	89		0		70 (67)	130 (110)	30 (20)
2-Chlorophenol	1900	0	1700	ug/Kg	89		7		70 (67)	130 (119)	30 (20)
2-Methylphenol	1900	0	1700	ug/Kg	89		0		70 (68)	130 (116)	30 (20)
2,2-oxybis(1-Chloropropane)	1900	0	1700	ug/Kg	89		0		70 (59)	130 (113)	30 (20)
Acetophenone	1900	0	1800	ug/Kg	95		0		70 (55)	130 (128)	30 (20)
3+4-Methylphenols	1900	0	1600	ug/Kg	84		6		20 (70)	160 (111)	30 (20)
N-Nitroso-di-n-propylamine	1900	0	1600	ug/Kg	84		0		70 (59)	130 (119)	30 (20)
Hexachloroethane	1900	0	1800	ug/Kg	95		0		20 (65)	160 (115)	30 (20)
Nitrobenzene	1900	0	1800	ug/Kg	95		0		70 (66)	130 (120)	30 (20)
Isophorone	1900	0	1700	ug/Kg	89		0		70 (67)	130 (113)	30 (20)
2-Nitrophenol	1900	0	1800	ug/Kg	95		0		70 (69)	130 (135)	30 (16)
2,4-Dimethylphenol	1900	0	1700	ug/Kg	89		7		70 (63)	130 (151)	30 (20)
bis(2-Chloroethoxy)methane	1900	0	1700	ug/Kg	89		0		70 (70)	130 (112)	30 (20)
2,4-Dichlorophenol	1900	0	1800	ug/Kg	95		0		70 (70)	130 (121)	30 (20)
Naphthalene	1900	0	1700	ug/Kg	89		0		70 (66)	130 (113)	30 (20)
4-Chloroaniline	1900	0	790	ug/Kg	42	*	5		70 (10)	130 (100)	30 (25)
Hexachlorobutadiene	1900	0	1900	ug/Kg	100		5		70 (67)	130 (118)	30 (16)
Caprolactam	1900	0	1500	ug/Kg	79		12		20 (51)	160 (134)	30 (25)
4-Chloro-3-methylphenol	1900	0	1600	ug/Kg	84		12		70 (71)	130 (118)	30 (20)
2-Methylnaphthalene	1900	0	1500	ug/Kg	79		6		70 (59)	130 (123)	30 (20)
Hexachlorocyclopentadiene	3700	0	3800	ug/Kg	103		8		20 (16)	160 (175)	30 (20)
2,4,6-Trichlorophenol	1900	0	1900	ug/Kg	100		0		70 (67)	130 (128)	30 (16)
2,4,5-Trichlorophenol	1900	0	1800	ug/Kg	95		5		70 (69)	130 (123)	30 (16)
1,1-Biphenyl	1900	0	1900	ug/Kg	100		5		70 (69)	130 (126)	30 (20)
2-Chloronaphthalene	1900	0	1800	ug/Kg	95		0		70 (71)	130 (113)	30 (20)
2-Nitroaniline	1900	0	1800	ug/Kg	95		0		70 (73)	130 (125)	30 (16)
Dimethylphthalate	1900	0	1700	ug/Kg	89		7		70 (72)	130 (116)	30 (20)
Acenaphthylene	1900	0	1800	ug/Kg	95		0		70 (69)	130 (128)	30 (15)
2,6-Dinitrotoluene	1900	0	1900	ug/Kg	100		5		70 (67)	130 (141)	30 (20)
3-Nitroaniline	1900	0	1000	ug/Kg	53	*	9		70 (28)	130 (102)	30 (20)
Acenaphthene	1900	0	1800	ug/Kg	95		0		70 (70)	130 (121)	30 (16)
2,4-Dinitrophenol	3700	0	3600	ug/Kg	97		11		20 (10)	160 (164)	30 (30)
4-Nitrophenol	3700	0	3200	ug/Kg	86		7		20 (49)	160 (133)	30 (20)
Dibenzofuran	1900	0	1800	ug/Kg	95		0		70 (71)	130 (111)	30 (20)
2,4-Dinitrotoluene	1900	0	1700	ug/Kg	89		12		70 (73)	130 (130)	30 (20)
Diethylphthalate	1900	160	1800	ug/Kg	87		7		70 (73)	130 (116)	30 (20)
4-Chlorophenyl-phenylether	1900	0	1800	ug/Kg	95		0		70 (72)	130 (112)	30 (20)
Fluorene	1900	0	1800	ug/Kg	95		0		70 (67)	130 (114)	30 (20)
4-Nitroaniline	1900	0	1400	ug/Kg	74		13		70 (61)	130 (128)	30 (20)
4,6-Dinitro-2-methylphenol	1900	0	1800	ug/Kg	95		5		70 (25)	130 (163)	30 (30)
N-Nitrosodiphenylamine	1900	0	1900	ug/Kg	100		0		70 (73)	130 (118)	30 (20)
4-Bromophenyl-phenylether	1900	0	1900	ug/Kg	100		0		70 (65)	130 (121)	30 (20)
Hexachlorobenzene	1900	0	1900	ug/Kg	100		0		70 (67)	130 (118)	30 (20)
Atrazine	1900	0	1800	ug/Kg	95		5		70 (79)	130 (127)	30 (20)

() = LABORATORY INHOUSE LIMIT

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3604

Analytical Method: SW8270E

Client: Roman E&G Corp

DataFile: BP026202.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Pentachlorophenol	3700	0	3700	ug/Kg	100		3		20 (39)	160 (145)	30 (20)
Phenanthrene	1900	0	1900	ug/Kg	100		0		70 (52)	130 (128)	30 (20)
Anthracene	1900	0	1800	ug/Kg	95		5		70 (62)	130 (124)	30 (20)
Carbazole	1900	0	1800	ug/Kg	95		0		70 (73)	130 (115)	30 (20)
Di-n-butylphthalate	1900	0	1900	ug/Kg	100		0		70 (72)	130 (129)	30 (20)
Fluoranthene	1900	110	1900	ug/Kg	94		0		70 (31)	130 (152)	30 (20)
Pyrene	1900	74.7	1800	ug/Kg	91		10		70 (37)	130 (122)	30 (27)
Butylbenzylphthalate	1900	0	1800	ug/Kg	95		5		70 (59)	130 (151)	30 (20)
3,3-Dichlorobenzidine	1900	0	1300	ug/Kg	68	*	8		70 (10)	130 (116)	30 (20)
Benzo(a)anthracene	1900	0	1900	ug/Kg	100		0		70 (53)	130 (119)	30 (20)
Chrysene	1900	0	1900	ug/Kg	100		5		70 (57)	130 (121)	30 (20)
bis(2-Ethylhexyl)phthalate	1900	0	1800	ug/Kg	95		0		70 (64)	130 (139)	30 (20)
Di-n-octyl phthalate	1900	0	1800	ug/Kg	95		0		70 (51)	130 (156)	30 (20)
Benzo(b)fluoranthene	1900	0	1900	ug/Kg	100		0		70 (52)	130 (117)	30 (20)
Benzo(k)fluoranthene	1900	0	1900	ug/Kg	100		0		70 (57)	130 (134)	30 (20)
Benzo(a)pyrene	1900	0	1900	ug/Kg	100		5		70 (70)	130 (142)	30 (20)
Indeno(1,2,3-cd)pyrene	1900	0	1900	ug/Kg	100		0		70 (48)	130 (129)	30 (20)
Dibenz(a,h)anthracene	1900	0	1900	ug/Kg	100		0		70 (43)	130 (123)	30 (20)
Benzo(g,h,i)perylene	1900	0	1900	ug/Kg	100		0		70 (40)	130 (133)	30 (20)
1,2,4,5-Tetrachlorobenzene	1900	0	2000	ug/Kg	105		5		70 (65)	130 (132)	30 (20)
1,4-Dioxane	1900	0	1600	ug/Kg	84		0		20 (46)	160 (112)	30 (20)
2,3,4,6-Tetrachlorophenol	1900	0	1800	ug/Kg	95		10		70 (56)	130 (141)	30 (20)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3604

Analytical Method:

8270E

Client: Roman E&G Corp

DataFile:

BF144360.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB170735BS	Benzaldehyde	1700	1600	ug/Kg	94				20 (10)	160 (133)	
	Phenol	1700	1300	ug/Kg	76				20 (62)	160 (112)	
	bis(2-Chloroethyl)ether	1700	1500	ug/Kg	88				70 (60)	130 (101)	
	2-Chlorophenol	1700	1500	ug/Kg	88				70 (65)	130 (112)	
	2-Methylphenol	1700	1400	ug/Kg	82				70 (74)	130 (105)	
	2,2-oxybis(1-Chloropropane)	1700	1500	ug/Kg	88				70 (51)	130 (100)	
	Acetophenone	1700	1500	ug/Kg	88				70 (66)	130 (98)	
	3+4-Methylphenols	1700	1400	ug/Kg	82				20 (58)	160 (111)	
	N-Nitroso-di-n-propylamine	1700	1400	ug/Kg	82				70 (63)	130 (95)	
	Hexachloroethane	1700	1400	ug/Kg	82				20 (72)	160 (108)	
	Nitrobenzene	1700	1400	ug/Kg	82				70 (75)	130 (100)	
	Isophorone	1700	1500	ug/Kg	88				70 (59)	130 (99)	
	2-Nitrophenol	1700	1500	ug/Kg	88				70 (75)	130 (113)	
	2,4-Dimethylphenol	1700	1600	ug/Kg	94				70 (61)	130 (130)	
	bis(2-Chloroethoxy)methane	1700	1500	ug/Kg	88				70 (66)	130 (97)	
	2,4-Dichlorophenol	1700	1400	ug/Kg	82				70 (62)	130 (107)	
	Naphthalene	1700	1400	ug/Kg	82				70 (62)	130 (100)	
	4-Chloroaniline	1700	860	ug/Kg	51		*		70 (16)	130 (100)	
	Hexachlorobutadiene	1700	1300	ug/Kg	76				70 (68)	130 (108)	
	Caprolactam	1700	1500	ug/Kg	88				20 (67)	160 (110)	
	4-Chloro-3-methylphenol	1700	1400	ug/Kg	82				70 (74)	130 (106)	
	2-Methylnaphthalene	1700	1300	ug/Kg	76				70 (60)	130 (104)	
	Hexachlorocyclopentadiene	3300	2500	ug/Kg	76				20 (45)	160 (165)	
	2,4,6-Trichlorophenol	1700	1400	ug/Kg	82				70 (59)	130 (102)	
	2,4,5-Trichlorophenol	1700	1300	ug/Kg	76				70 (74)	130 (110)	
	1,1-Biphenyl	1700	1600	ug/Kg	94				70 (71)	130 (110)	
	2-Chloronaphthalene	1700	1400	ug/Kg	82				70 (70)	130 (103)	
	2-Nitroaniline	1700	1400	ug/Kg	82				70 (66)	130 (101)	
	Dimethylphthalate	1700	1500	ug/Kg	88				70 (76)	130 (101)	
	Acenaphthylene	1700	1600	ug/Kg	94				70 (76)	130 (111)	
	2,6-Dinitrotoluene	1700	1500	ug/Kg	88				70 (78)	130 (116)	
	3-Nitroaniline	1700	1100	ug/Kg	65		*		70 (28)	130 (100)	
	Acenaphthene	1700	1300	ug/Kg	76				70 (73)	130 (105)	
	2,4-Dinitrophenol	3300	2600	ug/Kg	79				20 (59)	160 (137)	
	4-Nitrophenol	3300	2100	ug/Kg	64				20 (60)	160 (124)	
	Dibenzofuran	1700	1400	ug/Kg	82				70 (63)	130 (99)	
	2,4-Dinitrotoluene	1700	1400	ug/Kg	82				70 (78)	130 (115)	
	Diethylphthalate	1700	1400	ug/Kg	82				70 (76)	130 (104)	
	4-Chlorophenyl-phenylether	1700	1300	ug/Kg	76				70 (73)	130 (101)	
	Fluorene	1700	1400	ug/Kg	82				70 (75)	130 (99)	
	4-Nitroaniline	1700	1300	ug/Kg	76				70 (64)	130 (103)	
	4,6-Dinitro-2-methylphenol	1700	1400	ug/Kg	82				70 (76)	130 (113)	
	N-Nitrosodiphenylamine	1700	1500	ug/Kg	88				70 (71)	130 (99)	
	4-Bromophenyl-phenylether	1700	1400	ug/Kg	82				70 (66)	130 (102)	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3604

Analytical Method:

8270E

Client: Roman E&G Corp

DataFile:

BF144360.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB170735BS	Hexachlorobenzene	1700	1400	ug/Kg	82				70 (64)	130 (98)	
	Atrazine	1700	1500	ug/Kg	88				70 (71)	130 (122)	
	Pentachlorophenol	3300	2700	ug/Kg	82				20 (56)	160 (129)	
	Phenanthrene	1700	1400	ug/Kg	82				70 (75)	130 (100)	
	Anthracene	1700	1400	ug/Kg	82				70 (75)	130 (103)	
	Carbazole	1700	1400	ug/Kg	82				70 (76)	130 (103)	
	Di-n-butylphthalate	1700	1500	ug/Kg	88				70 (76)	130 (110)	
	Fluoranthene	1700	1400	ug/Kg	82				70 (73)	130 (105)	
	Pyrene	1700	1400	ug/Kg	82				70 (59)	130 (103)	
	Butylbenzylphthalate	1700	1500	ug/Kg	88				70 (75)	130 (120)	
	3,3-Dichlorobenzidine	1700	1200	ug/Kg	71				70 (31)	130 (94)	
	Benzo(a)anthracene	1700	1500	ug/Kg	88				70 (75)	130 (104)	
	Chrysene	1700	1400	ug/Kg	82				70 (75)	130 (103)	
	bis(2-Ethylhexyl)phthalate	1700	1600	ug/Kg	94				70 (77)	130 (113)	
	Di-n-octyl phthalate	1700	1700	ug/Kg	100				70 (76)	130 (110)	
	Benzo(b)fluoranthene	1700	1800	ug/Kg	106				70 (62)	130 (109)	
	Benzo(k)fluoranthene	1700	1500	ug/Kg	88				70 (75)	130 (108)	
	Benzo(a)pyrene	1700	1700	ug/Kg	100				70 (79)	130 (109)	
	Indeno(1,2,3-cd)pyrene	1700	1500	ug/Kg	88				70 (63)	130 (101)	
	Dibenz(a,h)anthracene	1700	1600	ug/Kg	94				70 (61)	130 (112)	
	Benzo(g,h,i)perylene	1700	1600	ug/Kg	94				70 (70)	130 (108)	
	1,2,4,5-Tetrachlorobenzene	1700	1500	ug/Kg	88				70 (53)	130 (101)	
	1,4-Dioxane	1700	1300	ug/Kg	76				20 (50)	160 (96)	
	2,3,4,6-Tetrachlorophenol	1700	1400	ug/Kg	82				70 (71)	130 (118)	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID

PB170735BL

Lab Name: Alliance

Contract: ROMA02

Lab Code: ACE

SDG NO.: Q3604

Lab File ID: BF144359.D

Lab Sample ID: PB170735BL

Instrument ID: BNA_F

Date Extracted: 11/25/2025

Matrix: (soil/water) SOIL

Date Analyzed: 11/26/2025

Level: (low/med) LOW

Time Analyzed: 14:00

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170735BS	PB170735BS	BF144360.D	11/26/2025
S-1	Q3604-04	BF144361.D	11/26/2025
S-2	Q3604-05	BF144362.D	11/26/2025
SB-1125-15BMS	Q3719-10MS	BP026201.D	12/01/2025
SB-1125-15BMDS	Q3719-10MSD	BP026202.D	12/01/2025

COMMENTS: _____



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BF144168.D
Instrument ID: BNA_F

Contract: ROMA02
SDG NO.: Q3604
DFTPP Injection Date: 11/05/2025
DFTPP Injection Time: 12:21

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.8) 1
69	Mass 69 relative abundance	24.5
70	Less than 2.0% of mass 69	0.1 (0.6) 1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.2
365	Greater than 1% of mass 198	2.6
441	Present, but less than mass 443	15.9
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
SSTDICC2.5	SSTDICC2.5	BF144169.D	11/05/2025	12:50
SSTDICC005	SSTDICC005	BF144170.D	11/05/2025	13:20
SSTDICC010	SSTDICC010	BF144171.D	11/05/2025	13:50
SSTDICC020	SSTDICC020	BF144172.D	11/05/2025	14:20
SSTDICCC040	SSTDICCC040	BF144173.D	11/05/2025	14:50
SSTDICC050	SSTDICC050	BF144174.D	11/05/2025	15:49
SSTDICC060	SSTDICC060	BF144175.D	11/05/2025	16:19
SSTDICC080	SSTDICC080	BF144176.D	11/05/2025	16:49



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BF144357.D
Instrument ID: BNA_F

Contract: ROMA02
SDG NO.: Q3604
DFTPP Injection Date: 11/26/2025
DFTPP Injection Time: 13:00

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.9) 1
69	Mass 69 relative abundance	27.1
70	Less than 2.0% of mass 69	0.2 (0.8) 1
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
365	Greater than 1% of mass 198	2.7
441	Present, but less than mass 443	16.6
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
SSTDCCC040	SSTDCCC040	BF144358.D	11/26/2025	13:30
PB170735BL	PB170735BL	BF144359.D	11/26/2025	14:00
PB170735BS	PB170735BS	BF144360.D	11/26/2025	14:30
S-1	Q3604-04	BF144361.D	11/26/2025	15:11
S-2	Q3604-05	BF144362.D	11/26/2025	15:41



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BP026142.D
Instrument ID: BNA_P

Contract: ROMA02
SDG NO.: Q3604
DFTPP Injection Date: 11/18/2025
DFTPP Injection Time: 13:45

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.6) 1
69	Mass 69 relative abundance	30.9
70	Less than 2.0% of mass 69	0.1 (0.4) 1
197	Less than 2.0% of mass 198	0.1
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	13.6
442	Greater than 50% of mass 198	88.7
443	15.0 - 24.0% of mass 442	17.3 (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	BP026143.D	11/18/2025	14:31
SSTDICC005	SSTDICC005	BP026144.D	11/18/2025	15:12
SSTDICC010	SSTDICC010	BP026145.D	11/18/2025	15:54
SSTDICC020	SSTDICC020	BP026146.D	11/18/2025	16:35
SSTDICCC040	SSTDICCC040	BP026147.D	11/18/2025	17:57
SSTDICC050	SSTDICC050	BP026148.D	11/18/2025	18:38
SSTDICC060	SSTDICC060	BP026149.D	11/18/2025	20:00
SSTDICC080	SSTDICC080	BP026150.D	11/18/2025	21:22



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BP026196.D
Instrument ID: BNA_P

Contract: ROMA02
SDG NO.: Q3604
DFTPP Injection Date: 12/01/2025
DFTPP Injection Time: 12:48

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.8) 1
69	Mass 69 relative abundance	31
70	Less than 2.0% of mass 69	0.1 (0.4) 1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	13.2
442	Greater than 50% of mass 198	85.8
443	15.0 - 24.0% of mass 442	17 (19.8) 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	BP026197.D	12/01/2025	14:09
SB-1125-15BMS	Q3719-10MS	BP026201.D	12/01/2025	17:51
SB-1125-15BMSD	Q3719-10MSD	BP026202.D	12/01/2025	18:40

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3604

Client ID : SSTDCCC040

Date Analyzed: 11/26/2025

Lab File ID: BF144358.D

Time Analyzed: 13:30

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	61998	6.863	227764	8.15	130458	9.90
UPPER LIMIT	123996	7.363	455528	8.645	260916	10.404
LOWER LIMIT	30999	6.363	113882	7.645	65229	9.404
EPA SAMPLE NO.						
01 PB170735BL	62889	6.86	250119	8.14	143140	9.90
02 PB170735BS	62512	6.86	243072	8.15	133431	9.90
03 S-1	56195	6.86	208707	8.15	118617	9.90
04 S-2	55371	6.86	213302	8.15	114867	9.90

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3604

Client ID: SSTDCCC040

Date Analyzed: 11/26/2025

Lab File ID: BF144358.D

Time Analyzed: 13:30

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	228211	11.392	137488	14.045	181907	15.521
UPPER LIMIT	456422	11.892	274976	14.545	363814	16.021
LOWER LIMIT	114106	10.892	68744	13.545	90953.5	15.021
EPA SAMPLE NO.						
01 PB170735BL	260449	11.39	152468	14.04	186363	15.52
02 PB170735BS	215808	11.39	134794	14.05	165299	15.52
03 S-1	181764	11.39	128075	14.05	171476	15.53
04 S-2	177276	11.39	126619	14.04	166750	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: Alliance

Lab Code: ACE

SDG NO.: Q3604

Client ID : SSTDCCC040

Date Analyzed: 12/01/2025

Lab File ID: BP026197.D

Time Analyzed: 14:09

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	271172	7.66	1093510	10.43	683760	14.29
UPPER LIMIT	542344	8.16	2187020	10.925	1367520	14.789
LOWER LIMIT	135586	7.16	546755	9.925	341880	13.789
EPA SAMPLE NO.						
01 SB-1125-15BMS	233034	7.66	911777	10.41	569978	14.29
02 SB-1125-15BMSD	222842	7.64	845732	10.40	491065	14.28

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3604

Client ID: SSTDCCC040

Date Analyzed: 12/01/2025

Lab File ID: BP026197.D

Time Analyzed: 14:09

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	1350550	17.101	1519760	21.542	1717380	24.83
UPPER LIMIT	2701100	17.601	3039520	22.042	3434760	25.33
LOWER LIMIT	675275	16.601	759880	21.042	858690	24.33
EPA SAMPLE NO.						
01 SB-1125-15BMS	1129940	17.10	1151090	21.54	1323410	24.83
02 SB-1125-15BMSD	902556	17.10	1043300	21.54	1293510	24.82

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



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	Roman E&G Corp	Date Collected:	11/10/25
Project:	MCUA - New Brunswick	Date Received:	11/10/25
Client Sample ID:	S-1	SDG No.:	Q3604
Lab Sample ID:	Q3604-04	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	82.8
Sample Wt/Vol:	50.02 g	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541		
	Level: LOW		
	Final Vol: 1000 uL		
	Prep Date: 11/25/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	110	U	1	110	240	ug/Kg	11/26/25 15:11	PB170735
108-95-2	Phenol	16.0	U	1	16.0	120	ug/Kg	11/26/25 15:11	PB170735
111-44-4	bis(2-Chloroethyl)ether	17.6	U	1	17.6	120	ug/Kg	11/26/25 15:11	PB170735
95-57-8	2-Chlorophenol	17.7	U	1	17.7	120	ug/Kg	11/26/25 15:11	PB170735
95-48-7	2-Methylphenol	21.7	U	1	21.7	120	ug/Kg	11/26/25 15:11	PB170735
108-60-1	2,2-oxybis(1-Chloropropane)	27.2	U	1	27.2	120	ug/Kg	11/26/25 15:11	PB170735
98-86-2	Acetophenone	21.4	U	1	21.4	120	ug/Kg	11/26/25 15:11	PB170735
65794-96-9	3+4-Methylphenols	29.8	U	1	29.8	240	ug/Kg	11/26/25 15:11	PB170735
621-64-7	n-Nitroso-di-n-propylamine	34.3	U	1	34.3	57.9	ug/Kg	11/26/25 15:11	PB170735
67-72-1	Hexachloroethane	12.7	U	1	12.7	120	ug/Kg	11/26/25 15:11	PB170735
98-95-3	Nitrobenzene	13.3	U	1	13.3	120	ug/Kg	11/26/25 15:11	PB170735
78-59-1	Isophorone	23.8	U	1	23.8	120	ug/Kg	11/26/25 15:11	PB170735
88-75-5	2-Nitrophenol	42.2	U	1	42.2	120	ug/Kg	11/26/25 15:11	PB170735
105-67-9	2,4-Dimethylphenol	46.9	U	1	46.9	120	ug/Kg	11/26/25 15:11	PB170735
111-91-1	bis(2-Chloroethoxy)methane	22.3	U	1	22.3	120	ug/Kg	11/26/25 15:11	PB170735
120-83-2	2,4-Dichlorophenol	20.5	U	1	20.5	120	ug/Kg	11/26/25 15:11	PB170735
91-20-3	Naphthalene	16.4	U	1	16.4	120	ug/Kg	11/26/25 15:11	PB170735
106-47-8	4-Chloroaniline	25.6	UQ	1	25.6	120	ug/Kg	11/26/25 15:11	PB170735
87-68-3	Hexachlorobutadiene	18.3	U	1	18.3	120	ug/Kg	11/26/25 15:11	PB170735
105-60-2	Caprolactam	37.7	U	1	37.7	240	ug/Kg	11/26/25 15:11	PB170735
59-50-7	4-Chloro-3-methylphenol	20.8	U	1	20.8	120	ug/Kg	11/26/25 15:11	PB170735
91-57-6	2-Methylnaphthalene	18.5	U	1	18.5	120	ug/Kg	11/26/25 15:11	PB170735
77-47-4	Hexachlorocyclopentadiene	84.0	U	1	84.0	240	ug/Kg	11/26/25 15:11	PB170735
88-06-2	2,4,6-Trichlorophenol	14.3	U	1	14.3	120	ug/Kg	11/26/25 15:11	PB170735
95-95-4	2,4,5-Trichlorophenol	21.1	U	1	21.1	120	ug/Kg	11/26/25 15:11	PB170735
92-52-4	1,1-Biphenyl	15.8	U	1	15.8	120	ug/Kg	11/26/25 15:11	PB170735
91-58-7	2-Chloronaphthalene	16.3	U	1	16.3	120	ug/Kg	11/26/25 15:11	PB170735
88-74-4	2-Nitroaniline	34.8	U	1	34.8	120	ug/Kg	11/26/25 15:11	PB170735
131-11-3	Dimethylphthalate	19.6	U	1	19.6	120	ug/Kg	11/26/25 15:11	PB170735
208-96-8	Acenaphthylene	20.9	U	1	20.9	120	ug/Kg	11/26/25 15:11	PB170735
606-20-2	2,6-Dinitrotoluene	24.3	U	1	24.3	120	ug/Kg	11/26/25 15:11	PB170735
99-09-2	3-Nitroaniline	33.3	UQ	1	33.3	120	ug/Kg	11/26/25 15:11	PB170735
83-32-9	Acenaphthene	15.4	U	1	15.4	120	ug/Kg	11/26/25 15:11	PB170735
51-28-5	2,4-Dinitrophenol	170	U	1	170	240	ug/Kg	11/26/25 15:11	PB170735
100-02-7	4-Nitrophenol	77.5	U	1	77.5	240	ug/Kg	11/26/25 15:11	PB170735
132-64-9	Dibenzofuran	16.4	U	1	16.4	120	ug/Kg	11/26/25 15:11	PB170735
121-14-2	2,4-Dinitrotoluene	36.3	U	1	36.3	120	ug/Kg	11/26/25 15:11	PB170735
84-66-2	Diethylphthalate	20.5	U	1	20.5	120	ug/Kg	11/26/25 15:11	PB170735
7005-72-3	4-Chlorophenyl-phenylether	19.3	U	1	19.3	120	ug/Kg	11/26/25 15:11	PB170735
86-73-7	Fluorene	18.3	U	1	18.3	120	ug/Kg	11/26/25 15:11	PB170735
100-01-6	4-Nitroaniline	46.5	U	1	46.5	120	ug/Kg	11/26/25 15:11	PB170735
534-52-1	4,6-Dinitro-2-methylphenol	74.6	U	1	74.6	240	ug/Kg	11/26/25 15:11	PB170735

Report of Analysis

Client: Roman E&G Corp	Date Collected: 11/10/25	
Project: MCUA - New Brunswick	Date Received: 11/10/25	
Client Sample ID: S-1	SDG No.: Q3604	
Lab Sample ID: Q3604-04	Matrix: SOIL	
Analytical Method: 8270E	% Solid: 82.8	
Sample Wt/Vol: 50.02 g	Test: SVOC-TCL BNA -20	
Prep Method : SW3541		
Level: LOW		
Final Vol: 1000 uL		
Prep Date: 11/25/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	23.8	U	1	23.8	120	ug/Kg	11/26/25 15:11	PB170735
101-55-3	4-Bromophenyl-phenylether	20.1	U	1	20.1	120	ug/Kg	11/26/25 15:11	PB170735
118-74-1	Hexachlorobenzene	18.3	U	1	18.3	120	ug/Kg	11/26/25 15:11	PB170735
1912-24-9	Atrazine	24.6	U	1	24.6	120	ug/Kg	11/26/25 15:11	PB170735
87-86-5	Pentachlorophenol	37.2	U	1	37.2	240	ug/Kg	11/26/25 15:11	PB170735
85-01-8	Phenanthrene	15.1	U	1	15.1	120	ug/Kg	11/26/25 15:11	PB170735
120-12-7	Anthracene	24.1	U	1	24.1	120	ug/Kg	11/26/25 15:11	PB170735
86-74-8	Carbazole	22.6	U	1	22.6	120	ug/Kg	11/26/25 15:11	PB170735
84-74-2	Di-n-butylphthalate	34.7	U	1	34.7	120	ug/Kg	11/26/25 15:11	PB170735
206-44-0	Fluoranthene	58.4	J	1	21.7	120	ug/Kg	11/26/25 15:11	PB170735
129-00-0	Pyrene	26.1	U	1	26.1	120	ug/Kg	11/26/25 15:11	PB170735
85-68-7	Butylbenzylphthalate	51.7	U	1	51.7	120	ug/Kg	11/26/25 15:11	PB170735
91-94-1	3,3-Dichlorobenzidine	26.6	U	1	26.6	240	ug/Kg	11/26/25 15:11	PB170735
56-55-3	Benzo(a)anthracene	16.7	U	1	16.7	120	ug/Kg	11/26/25 15:11	PB170735
218-01-9	Chrysene	14.4	U	1	14.4	120	ug/Kg	11/26/25 15:11	PB170735
117-81-7	Bis(2-ethylhexyl)phthalate	42.9	U	1	42.9	120	ug/Kg	11/26/25 15:11	PB170735
117-84-0	Di-n-octyl phthalate	62.9	U	1	62.9	240	ug/Kg	11/26/25 15:11	PB170735
205-99-2	Benzo(b)fluoranthene	13.8	U	1	13.8	120	ug/Kg	11/26/25 15:11	PB170735
207-08-9	Benzo(k)fluoranthene	16.2	U	1	16.2	120	ug/Kg	11/26/25 15:11	PB170735
50-32-8	Benzo(a)pyrene	21.4	U	1	21.4	120	ug/Kg	11/26/25 15:11	PB170735
193-39-5	Indeno(1,2,3-cd)pyrene	21.1	U	1	21.1	120	ug/Kg	11/26/25 15:11	PB170735
53-70-3	Dibenzo(a,h)anthracene	19.8	U	1	19.8	120	ug/Kg	11/26/25 15:11	PB170735
191-24-2	Benzo(g,h,i)perylene	18.6	U	1	18.6	120	ug/Kg	11/26/25 15:11	PB170735
95-94-3	1,2,4,5-Tetrachlorobenzene	18.5	U	1	18.5	120	ug/Kg	11/26/25 15:11	PB170735
123-91-1	1,4-Dioxane	32.7	U	1	32.7	120	ug/Kg	11/26/25 15:11	PB170735
58-90-2	2,3,4,6-Tetrachlorophenol	19.8	U	1	19.8	120	ug/Kg	11/26/25 15:11	PB170735

SURROGATES

367-12-4	2-Fluorophenol	68.0			30 (10) - 130 (105)	45%	SPK: 150
13127-88-3	Phenol-d6	69.5			30 (10) - 130 (103)	46%	SPK: 150
4165-60-0	Nitrobenzene-d5	46.7			30 (10) - 130 (108)	47%	SPK: 100
321-60-8	2-Fluorobiphenyl	44.3			30 (10) - 130 (108)	44%	SPK: 100
118-79-6	2,4,6-Tribromophenol	56.9			30 (10) - 130 (116)	38%	SPK: 150
1718-51-0	Terphenyl-d14	35.5			30 (10) - 130 (109)	36%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	56200
1146-65-2	Naphthalene-d8	209000
15067-26-2	Acenaphthene-d10	119000
1517-22-2	Phenanthrene-d10	182000
1719-03-5	Chrysene-d12	128000
1520-96-3	Perylene-d12	171000

TENTATIVE IDENTIFIED COMPOUNDS

000119-61-9	Benzophenone	140	J	10.6	ug/Kg
000057-10-3	n-Hexadecanoic acid	260	J	11.9	ug/Kg



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

Report of Analysis

Client:	Roman E&G Corp	Date Collected:	11/10/25
Project:	MCUA - New Brunswick	Date Received:	11/10/25
Client Sample ID:	S-1	SDG No.:	Q3604
Lab Sample ID:	Q3604-04	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	82.8
	Level: LOW	Test:	SVOC-TCL BNA -20
Sample Wt/Vol:	50.02 g		
	Final Vol: 1000 uL		
Prep Method :	SW3541		
	Prep Date: 11/25/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
000057-11-4	Octadecanoic acid	90.3	J			12.7	ug/Kg		
000112-95-8	Eicosane	210	J			13.8	ug/Kg		
1000351-83-5	Eicosyl heptafluorobutyrate	76.8	J			13.9	ug/Kg		
000630-01-3	Hexacosane	190	J			14.5	ug/Kg		
007683-64-9	Supraene	210	J			14.9	ug/Kg		
000593-45-3	Octadecane	140	J			15.1	ug/Kg		

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\BF112625\
Data File : BF144361.D
Acq On : 26 Nov 2025 15:11
Operator : RC/JU
Sample : Q3604-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-1

Quant Time: Nov 26 15:31:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

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

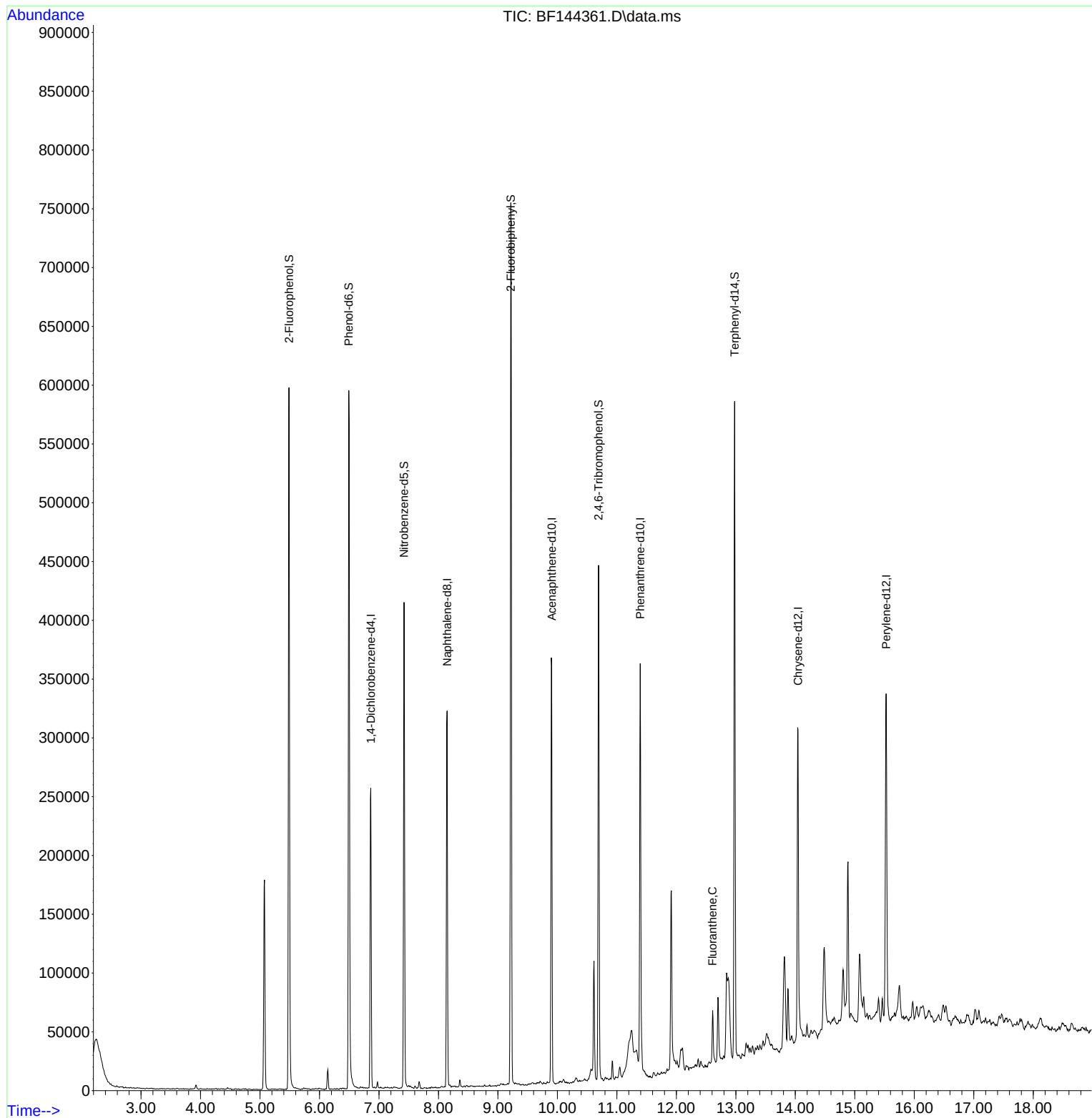
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	56195	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	208707	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	118617	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	181764	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	128075	20.000	ng	0.00
86) Perylene-d12	15.527	264	171476	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	244042	67.959	ng	0.00
7) Phenol-d6	6.493	99	282896	69.526	ng	0.00
23) Nitrobenzene-d5	7.422	82	168766	46.702	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	84715	56.913	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	356132	44.343	ng	-0.01
79) Terphenyl-d14	12.980	244	286464	35.528	ng	-0.01
Target Compounds						
75) Fluoranthene	12.610	202	22610	2.419	ng	Qvalue 96

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

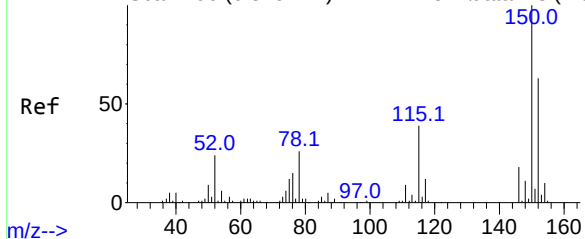
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Data File : BF144361.D
Acq On : 26 Nov 2025 15:11
Operator : RC/JU
Sample : Q3604-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-1

Quant Time: Nov 26 15:31:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration



Abundance Scan 796 (6.875 min): BF144173.D\data.ms (-79



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.863 min Scan# 796

Delta R.T. -0.012 min

Lab File: BF144361.D

Acq: 26 Nov 2025 15:11

Instrument :

BNA_F

ClientSampleId :

S-1

Tgt Ion:152 Resp: 56195

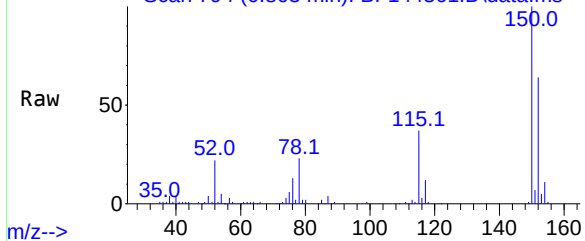
Ion Ratio Lower Upper

152 100

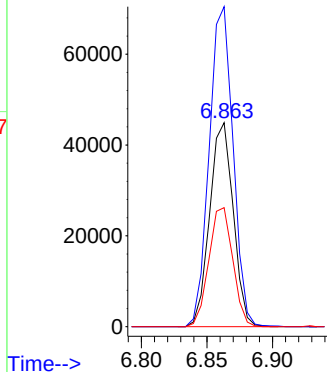
150 156.9 127.4 191.0

115 58.4 49.5 74.3

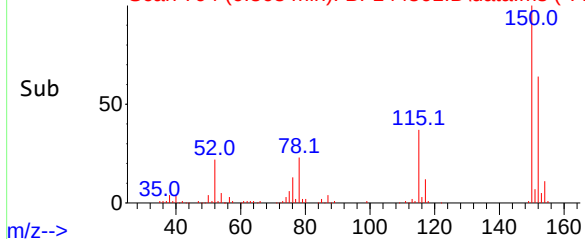
Abundance Scan 794 (6.863 min): BF144361.D\data.ms



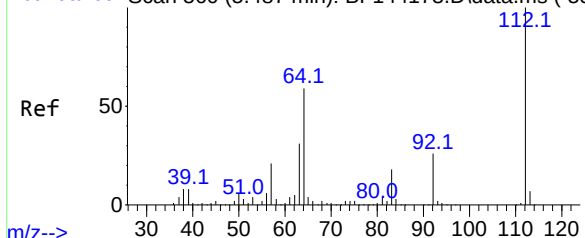
Abundance



Abundance Scan 794 (6.863 min): BF144361.D\data.ms (-77



Abundance Scan 560 (5.487 min): BF144173.D\data.ms (-55



#5

2-Fluorophenol

Concen: 67.959 ng

RT: 5.487 min Scan# 560

Delta R.T. -0.006 min

Lab File: BF144361.D

Acq: 26 Nov 2025 15:11

Tgt Ion:112 Resp: 244042

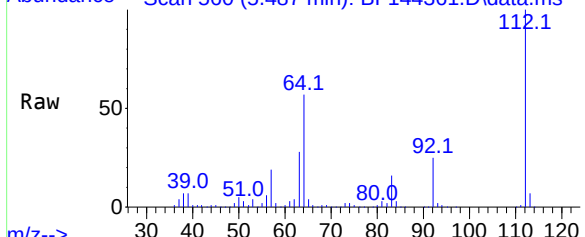
Ion Ratio Lower Upper

112 100

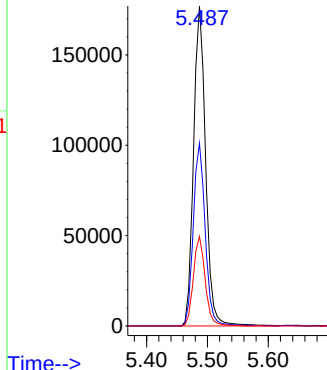
64 57.1 47.2 70.8

63 28.0 24.4 36.6

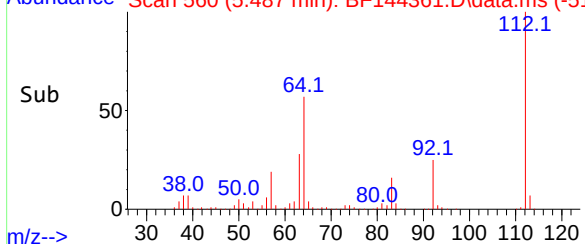
Abundance Scan 560 (5.487 min): BF144361.D\data.ms



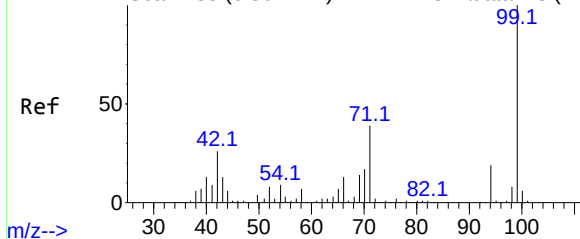
Abundance



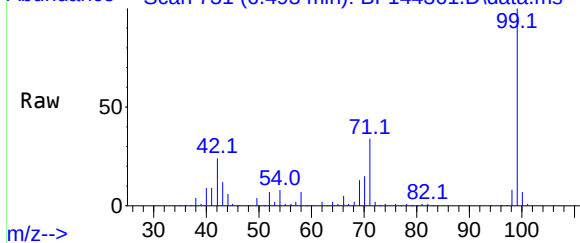
Abundance Scan 560 (5.487 min): BF144361.D\data.ms (-51



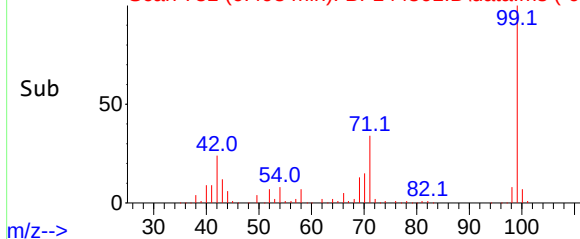
Abundance Scan 733 (6.504 min): BF144173.D\data.ms (-72



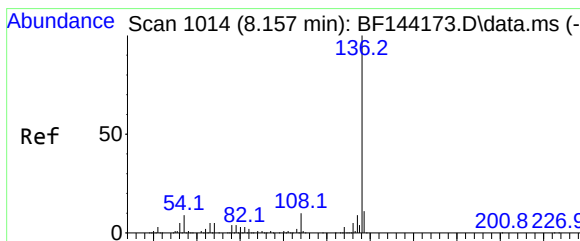
m/z--> Abundance Scan 731 (6.493 min): BF144361.D\data.ms



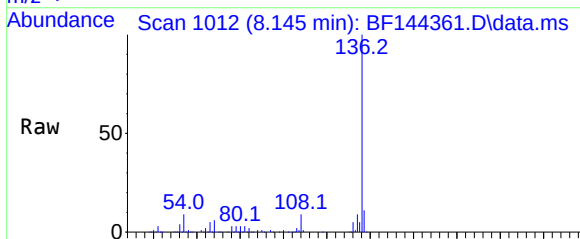
m/z--> Abundance Scan 731 (6.493 min): BF144361.D\data.ms (-68



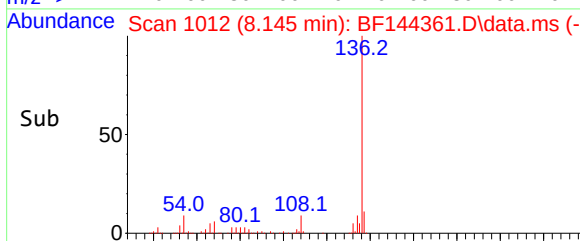
m/z--> Abundance Scan 1014 (8.157 min): BF144173.D\data.ms (-1



m/z--> Abundance Scan 1012 (8.145 min): BF144361.D\data.ms



m/z--> Abundance Scan 1012 (8.145 min): BF144361.D\data.ms (-9



m/z--> Abundance

#7

Phenol-d6

Concen: 69.526 ng

RT: 6.493 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF144361.D

Acq: 26 Nov 2025 15:11

Instrument :

BNA_F

ClientSampleId :

S-1

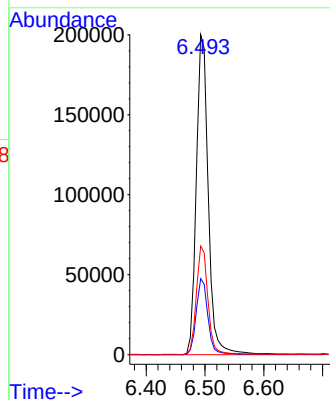
Tgt Ion: 99 Resp: 282896

Ion Ratio Lower Upper

99 100

42 23.8 20.9 31.3

71 34.0 31.4 47.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.145 min Scan# 1012

Delta R.T. -0.012 min

Lab File: BF144361.D

Acq: 26 Nov 2025 15:11

Tgt Ion: 136 Resp: 208707

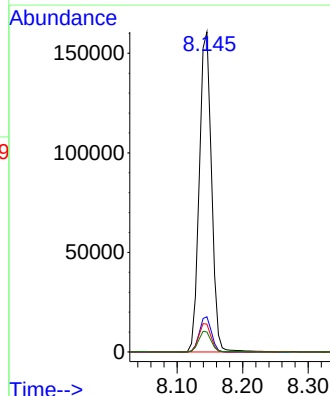
Ion Ratio Lower Upper

136 100

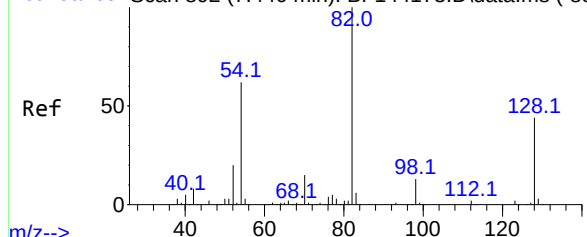
137 11.0 8.6 13.0

54 8.7 7.0 10.6

68 6.2 4.3 6.5



Abundance Scan 892 (7.440 min): BF144173.D\data.ms (-88



#23

Nitrobenzene-d5

Concen: 46.702 ng

RT: 7.422 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF144361.D

Acq: 26 Nov 2025 15:11

Instrument :

BNA_F

ClientSampleId :

S-1

Tgt Ion: 82 Resp: 168766

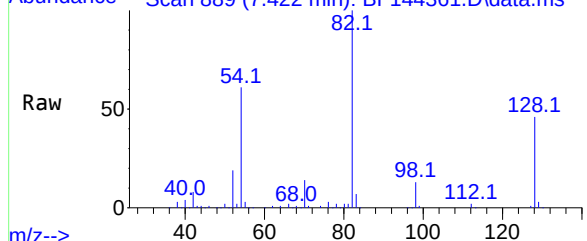
Ion Ratio Lower Upper

82 100

128 45.7 34.7 52.1

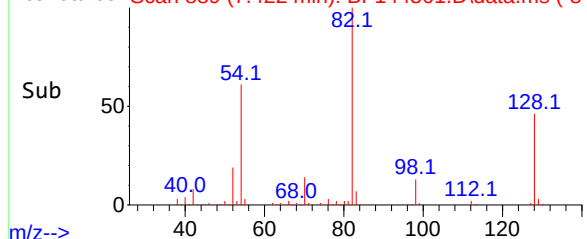
54 61.1 49.5 74.3

Abundance Scan 889 (7.422 min): BF144361.D\data.ms

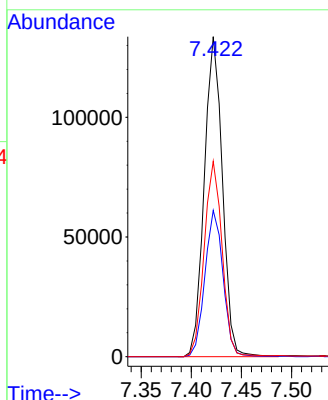


m/z-->

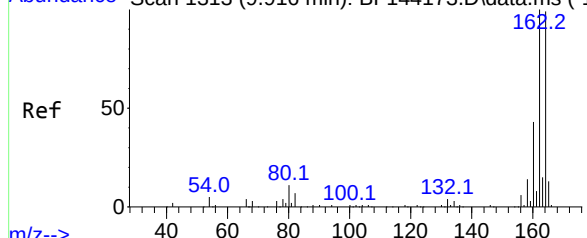
Abundance Scan 889 (7.422 min): BF144361.D\data.ms (-84



m/z-->

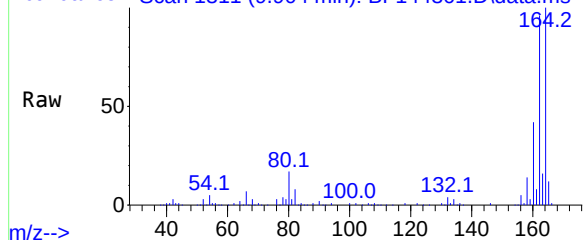


Abundance Scan 1313 (9.916 min): BF144173.D\data.ms (-1



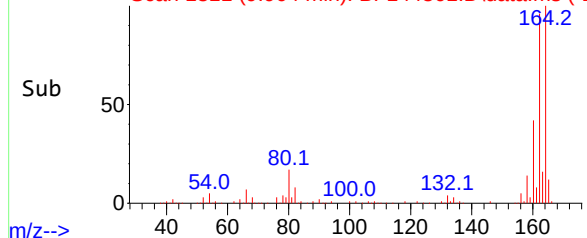
m/z-->

Abundance Scan 1311 (9.904 min): BF144361.D\data.ms



m/z-->

Abundance Scan 1311 (9.904 min): BF144361.D\data.ms (-1



m/z-->

#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1311

Delta R.T. -0.012 min

Lab File: BF144361.D

Acq: 26 Nov 2025 15:11

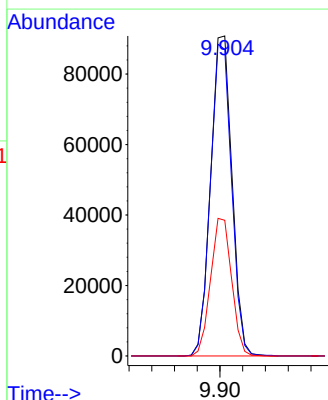
Tgt Ion:164 Resp: 118617

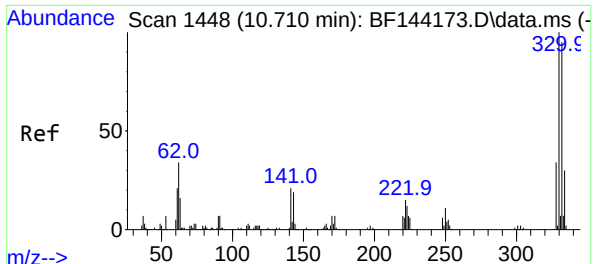
Ion Ratio Lower Upper

164 100

162 95.8 81.1 121.7

160 42.4 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 56.913 ng

RT: 10.692 min Scan# 1445

Delta R.T. -0.012 min

Lab File: BF144361.D

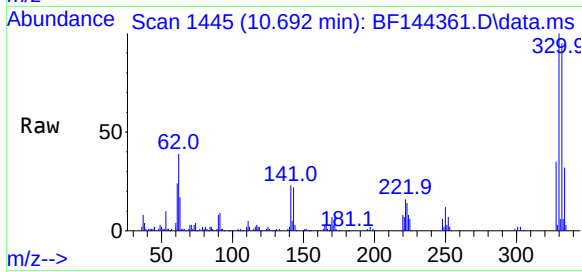
Acq: 26 Nov 2025 15:11

Instrument :

BNA_F

ClientSampleId :

S-1



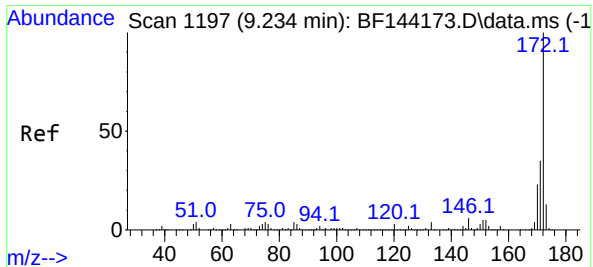
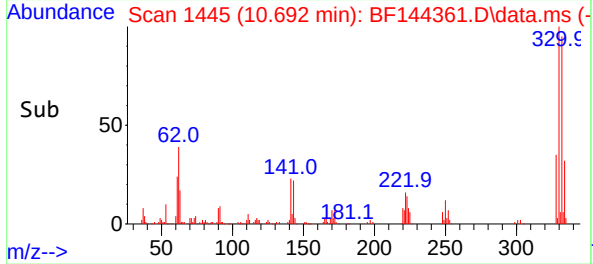
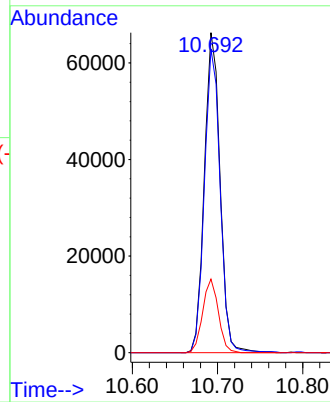
Tgt Ion:330 Resp: 84715

Ion Ratio Lower Upper

330 100

332 95.0 76.7 115.1

141 22.9 17.8 26.8



#45

2-Fluorobiphenyl

Concen: 44.343 ng

RT: 9.216 min Scan# 1194

Delta R.T. -0.012 min

Lab File: BF144361.D

Acq: 26 Nov 2025 15:11

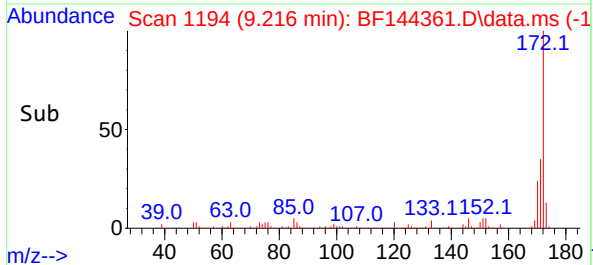
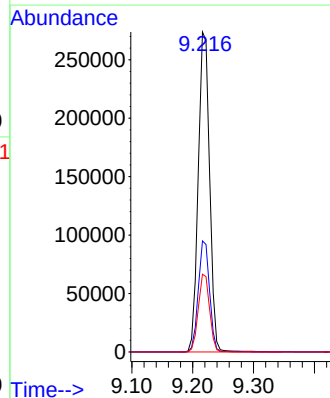
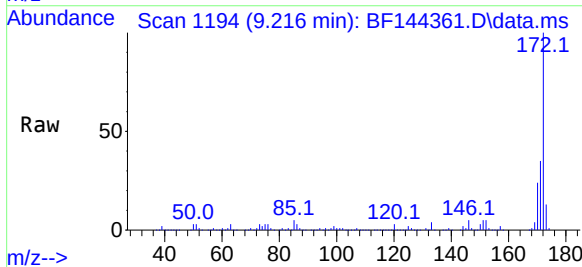
Tgt Ion:172 Resp: 356132

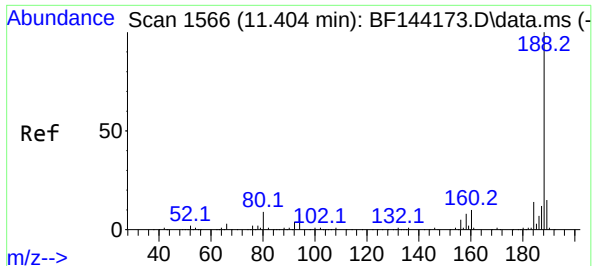
Ion Ratio Lower Upper

172 100

171 34.7 28.1 42.1

170 24.3 18.6 28.0

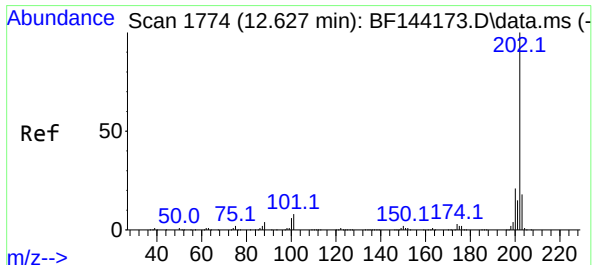
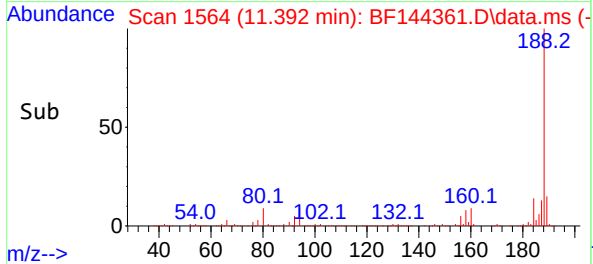
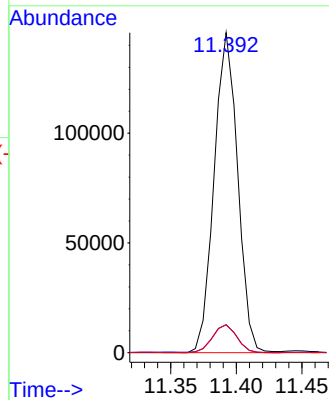
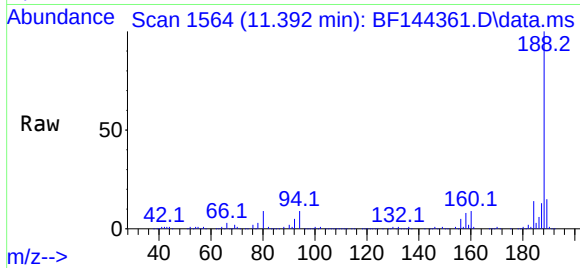




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144361.D
Acq: 26 Nov 2025 15:11

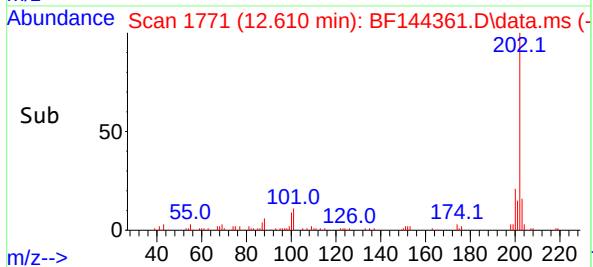
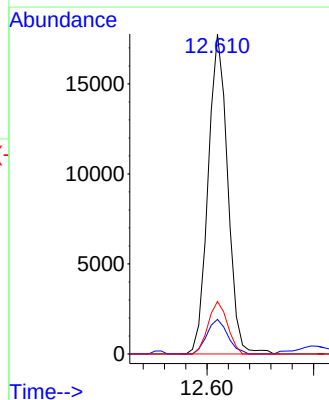
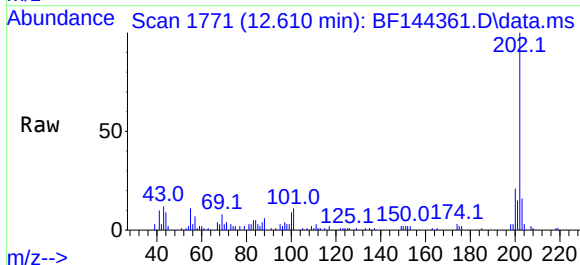
Instrument :
BNA_F
ClientSampleId :
S-1

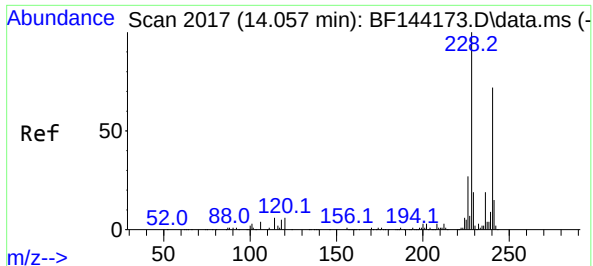
Tgt Ion:188 Resp: 181764
Ion Ratio Lower Upper
188 100
94 8.8 6.2 9.2
80 8.7 6.9 10.3



#75
Fluoranthene
Concen: 2.419 ng
RT: 12.610 min Scan# 1771
Delta R.T. -0.012 min
Lab File: BF144361.D
Acq: 26 Nov 2025 15:11

Tgt Ion:202 Resp: 22610
Ion Ratio Lower Upper
202 100
101 10.8 0.0 27.9
203 16.4 0.0 37.5

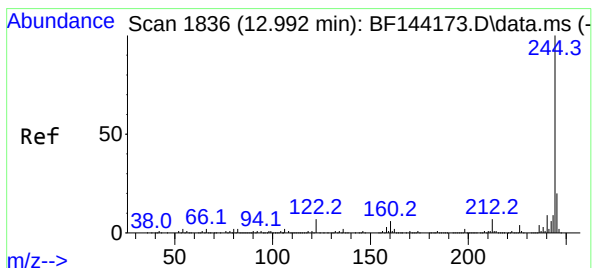
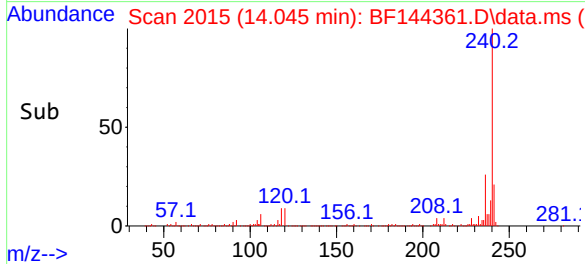
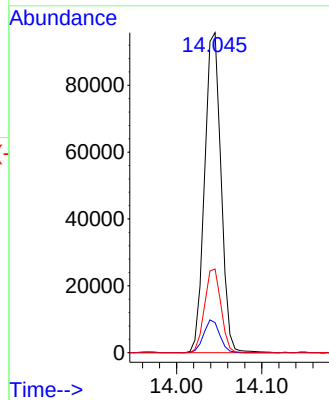
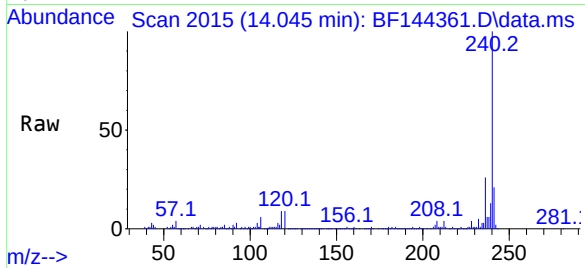




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF144361.D
Acq: 26 Nov 2025 15:11

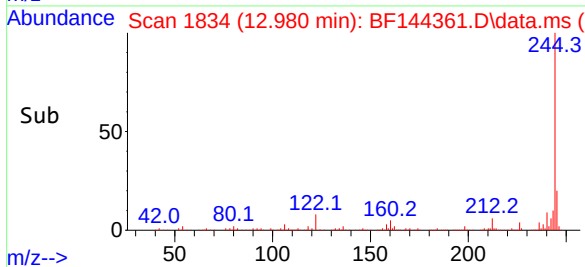
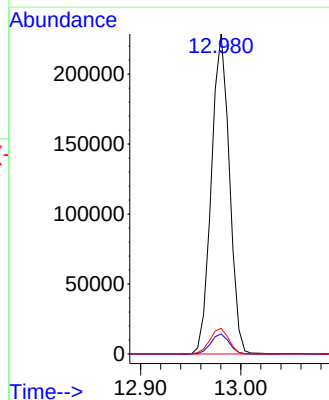
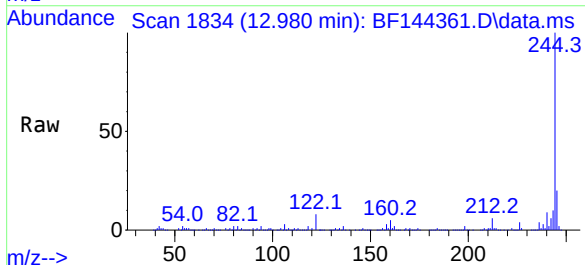
Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion:240 Resp: 128075
Ion Ratio Lower Upper
240 100
120 9.4 6.6 10.0
236 26.1 21.4 32.2

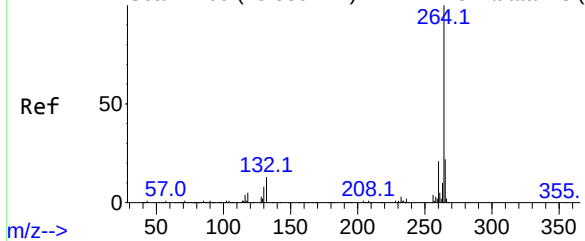


#79
Terphenyl-d14
Concen: 35.528 ng
RT: 12.980 min Scan# 1834
Delta R.T. -0.012 min
Lab File: BF144361.D
Acq: 26 Nov 2025 15:11

Tgt Ion:244 Resp: 286464
Ion Ratio Lower Upper
244 100
212 6.2 5.3 7.9
122 8.0 5.6 8.4



Abundance Scan 2269 (15.539 min): BF144173.D\data.ms (-



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF144361.D

Acq: 26 Nov 2025 15:11

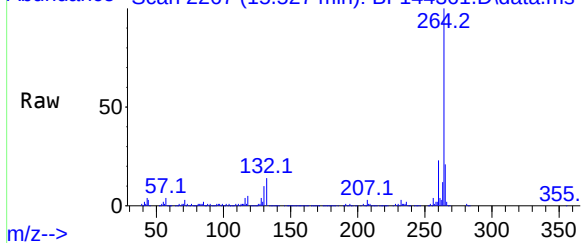
Instrument :

BNA_F

ClientSampleId :

S-1

Abundance Scan 2267 (15.527 min): BF144361.D\data.ms



Tgt Ion:264 Resp: 171476

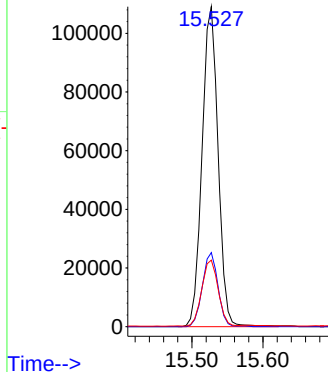
Ion Ratio Lower Upper

264 100

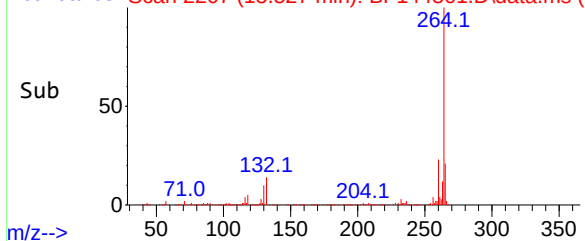
260 23.1 17.1 25.7

265 20.8 17.4 26.0

Abundance



Abundance Scan 2267 (15.527 min): BF144361.D\data.ms (-



Time-->

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
 Data File : BF144361.D
 Acq On : 26 Nov 2025 15:11
 Operator : RC/JU
 Sample : Q3604-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144361.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.075	480	490	501	rBV	178445	265824	27.85%	2.967%
2	5.487	555	560	577	rBV	596251	807640	84.63%	9.016%
3	6.140	666	671	677	rVB	16740	21416	2.24%	0.239%
4	6.493	726	731	750	rBV	593659	837207	87.73%	9.346%
5	6.863	789	794	802	rVB	254944	322921	33.84%	3.605%
6	7.422	880	889	899	rBV	413248	523350	54.84%	5.842%
7	8.145	1007	1012	1018	rBV	319699	412141	43.19%	4.601%
8	9.216	1189	1194	1200	rBV	749238	954342	100.00%	10.654%
9	9.898	1305	1310	1316	rBV	361005	465457	48.77%	5.196%
10	10.563	1417	1423	1426	rBV	8433	18289	1.92%	0.204%
11	10.616	1427	1432	1440	rVB	100683	134755	14.12%	1.504%
12	10.692	1440	1445	1454	rBV	437372	554221	58.07%	6.187%
13	10.922	1481	1484	1490	rVB	15640	19888	2.08%	0.222%
14	11.045	1501	1505	1512	rVB9	8553	14305	1.50%	0.160%
15	11.245	1523	1539	1546	rBV3	31257	153255	16.06%	1.711%
16	11.392	1559	1564	1572	rVB	345867	466983	48.93%	5.213%
17	11.916	1647	1653	1662	rBV	152160	250514	26.25%	2.797%
18	12.075	1675	1680	1681	rBV4	14336	19645	2.06%	0.219%
19	12.610	1767	1771	1780	rVB	44083	61103	6.40%	0.682%
20	12.698	1782	1786	1794	rBV	54069	87217	9.14%	0.974%
21	12.845	1805	1811	1813	rBV	71961	120966	12.68%	1.350%
22	12.980	1829	1834	1839	rBV	556771	706721	74.05%	7.889%
23	13.174	1863	1867	1870	rBV4	10074	17477	1.83%	0.195%
24	13.816	1969	1976	1983	rBV2	76639	183882	19.27%	2.053%
25	13.874	1983	1986	1992	rVB2	44214	68088	7.13%	0.760%
26	14.039	2009	2014	2030	rBV	264898	427689	44.82%	4.774%
27	14.486	2084	2090	2100	rBV	67260	166314	17.43%	1.857%
28	14.804	2140	2144	2149	rBV2	32432	58965	6.18%	0.658%
29	14.886	2153	2158	2163	rVB	132426	203844	21.36%	2.276%
30	15.080	2186	2191	2200	rBV3	53943	132124	13.84%	1.475%
31	15.463	2253	2256	2260	rVV	14933	19052	2.00%	0.213%
32	15.527	2261	2267	2279	rVB	278197	462340	48.45%	5.161%

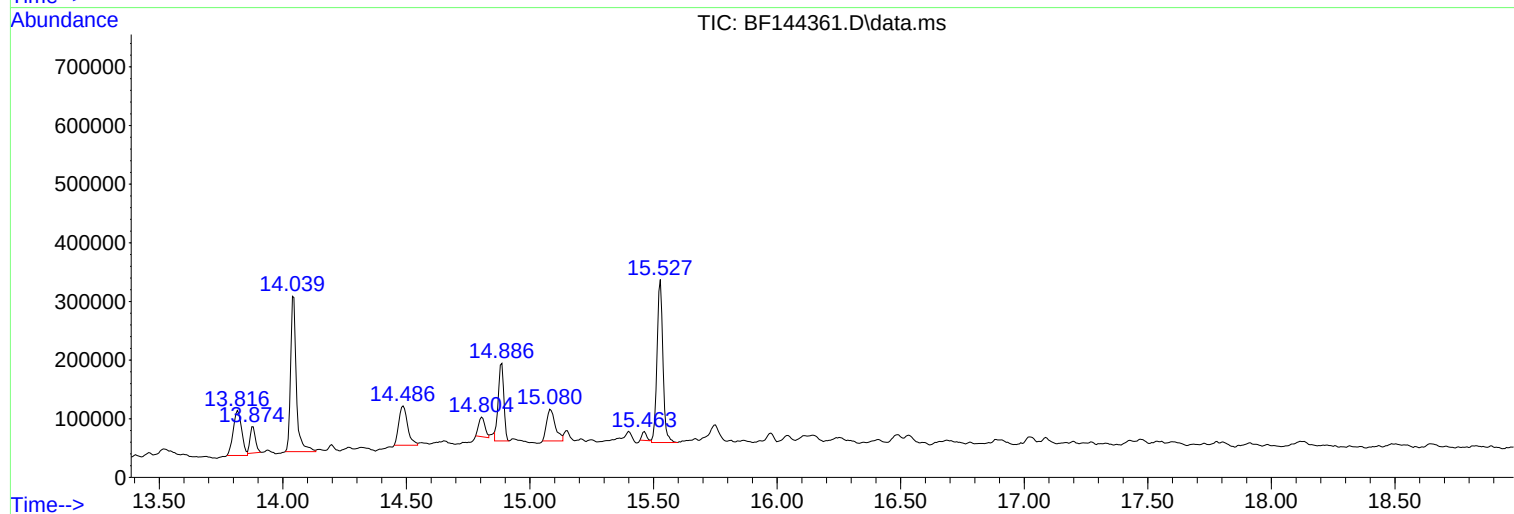
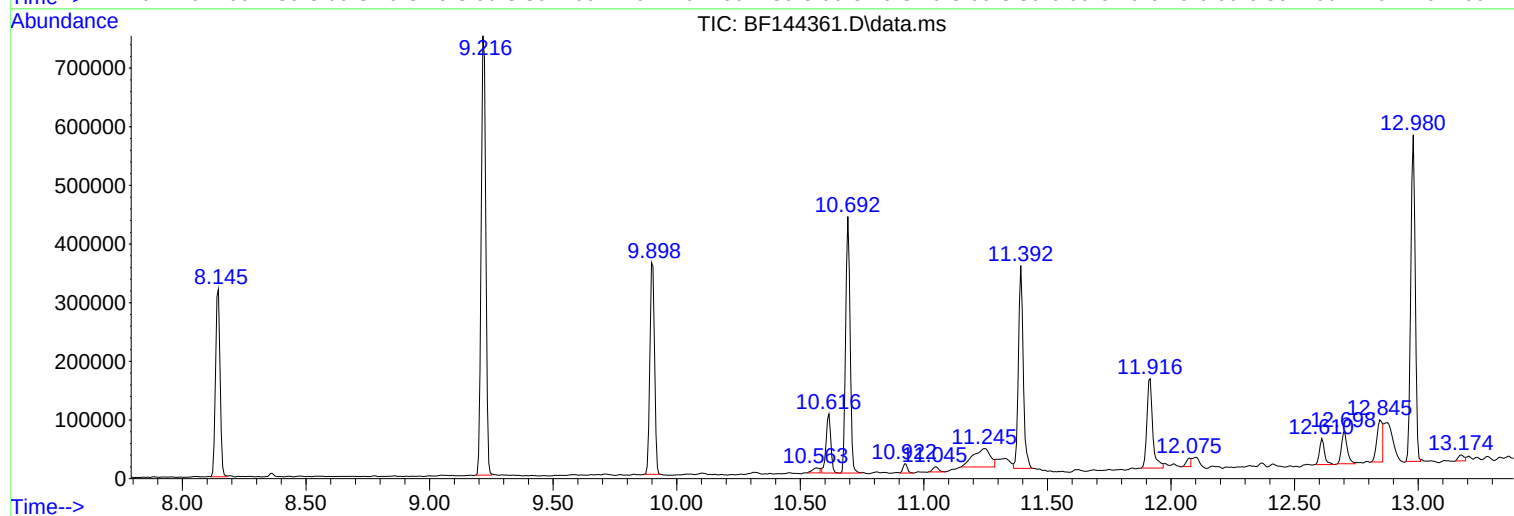
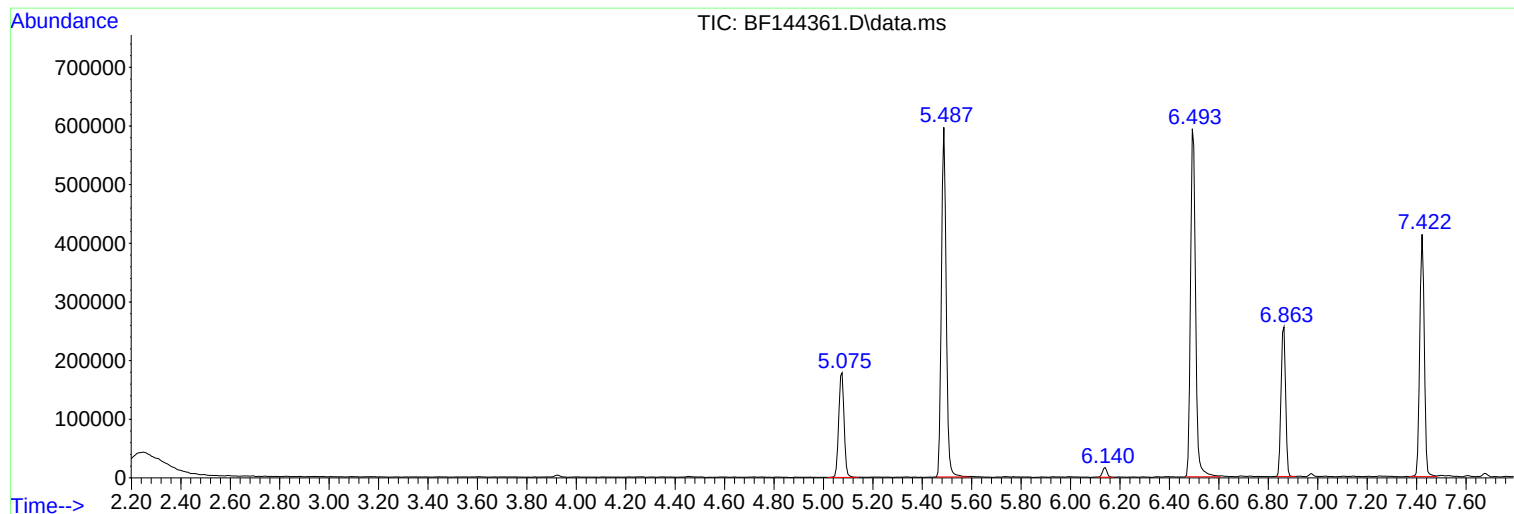
Sum of corrected areas: 8957935

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144361.D
Acq On : 26 Nov 2025 15:11
Operator : RC/JU
Sample : Q3604-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.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_F\Data\BF112625\
Data File : BF144361.D
Acq On : 26 Nov 2025 15:11
Operator : RC/JU
Sample : Q3604-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-1

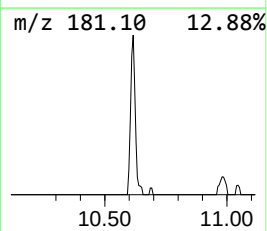
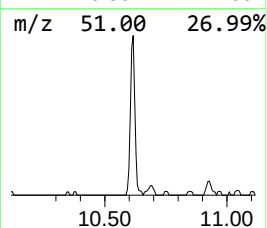
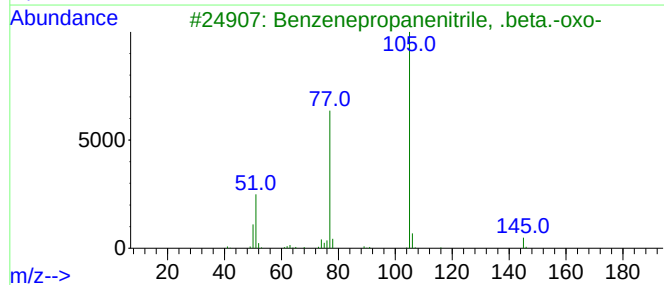
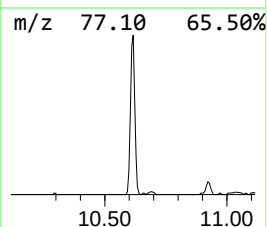
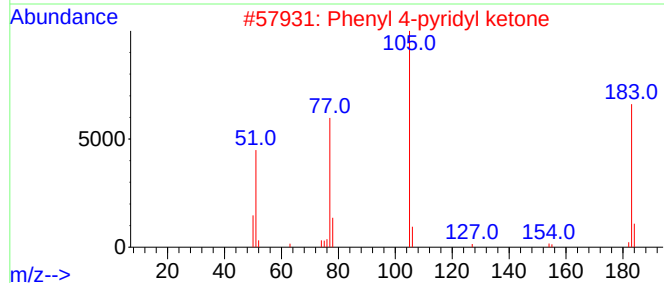
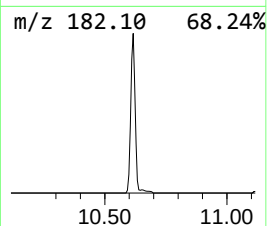
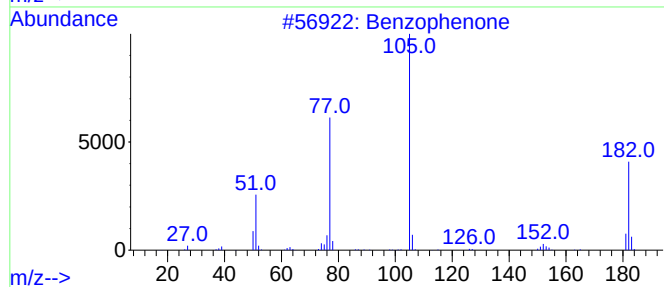
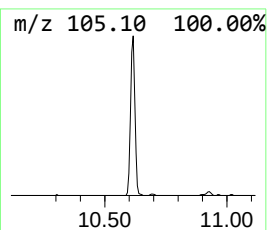
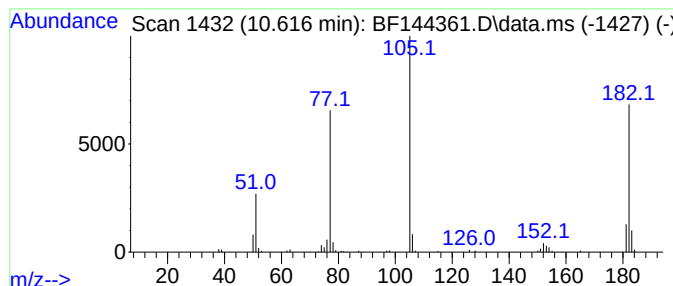
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.616	5.79 ng	134755	Acenaphthene-d10	9.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	50
3			Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	43
4			Vinyl benzoate	148	C9H8O2	000769-78-8	43
5			Disulfide, dibenzoyl	274	C14H10O2S2	000644-32-6	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144361.D
Acq On : 26 Nov 2025 15:11
Operator : RC/JU
Sample : Q3604-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

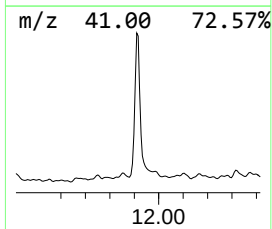
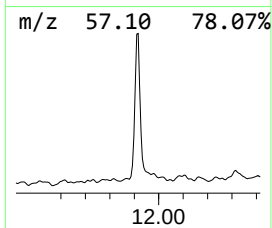
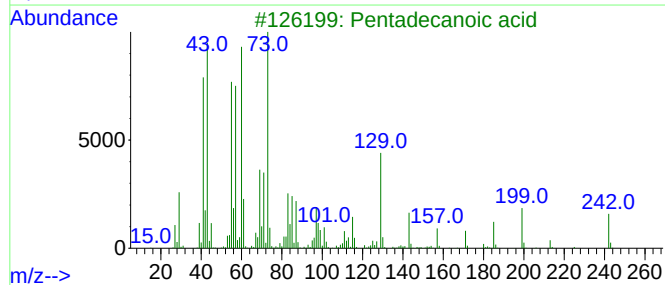
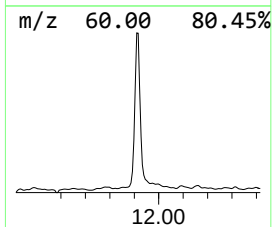
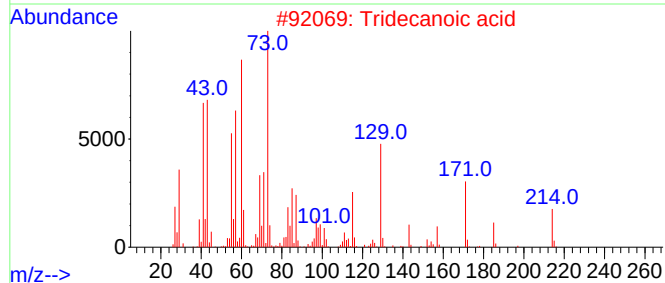
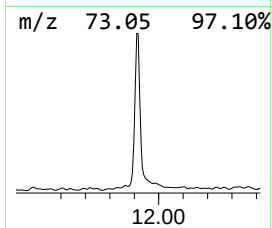
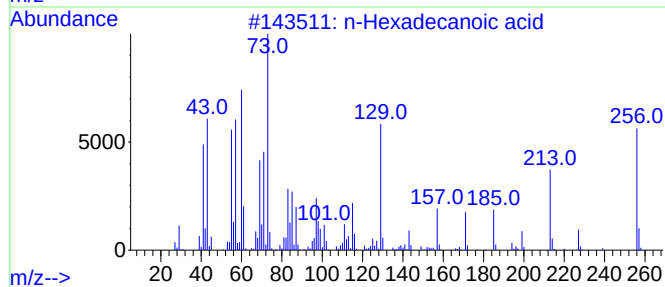
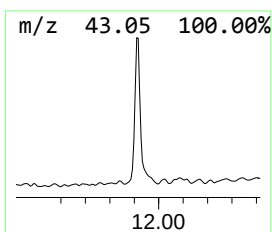
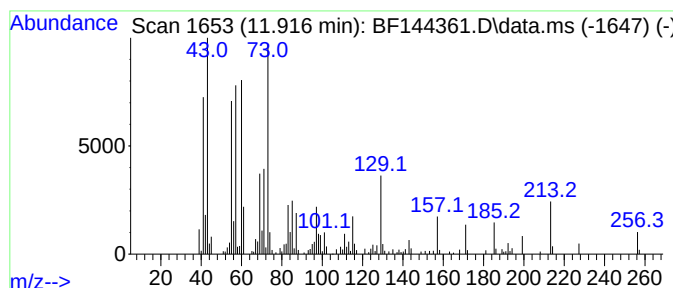
Instrument :
BNA_F
ClientSampleId :
S-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.916	10.73 ng	250514	Phenanthrene-d10	11.392	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5	n-Decanoic acid	172	C10H20O2	000334-48-5	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144361.D
Acq On : 26 Nov 2025 15:11
Operator : RC/JU
Sample : Q3604-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-1

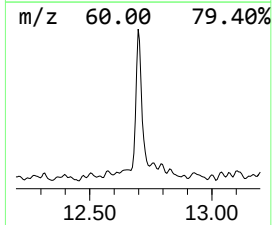
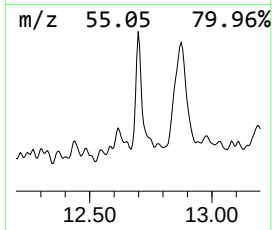
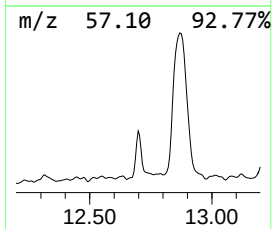
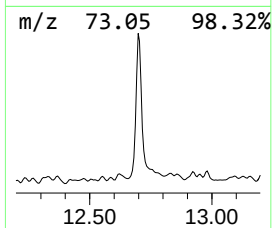
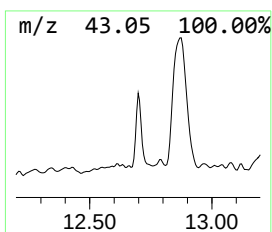
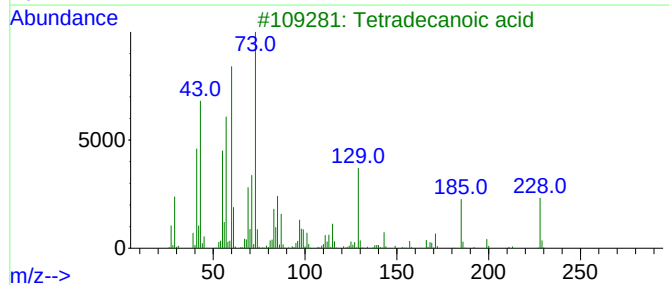
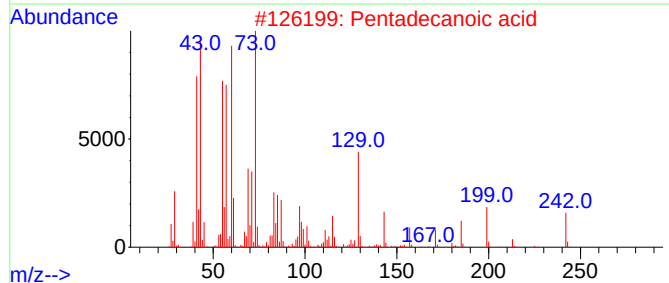
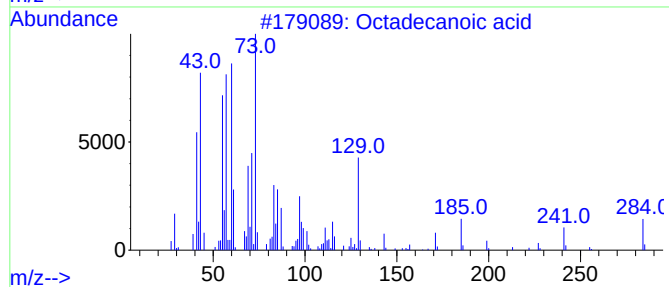
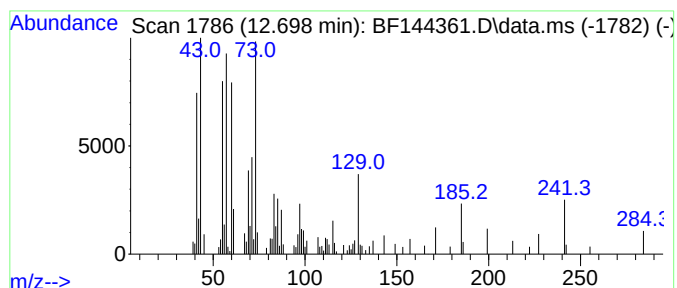
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.698	3.74 ng	87217	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	98
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	92
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4			Undecanoic acid	186	C11H22O2	000112-37-8	46
5			Oxalic acid, allyl octadecyl ester	382	C23H42O4	1000309-24-5	18



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144361.D
Acq On : 26 Nov 2025 15:11
Operator : RC/JU
Sample : Q3604-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

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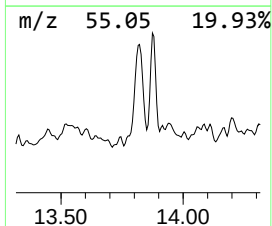
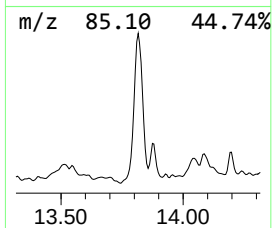
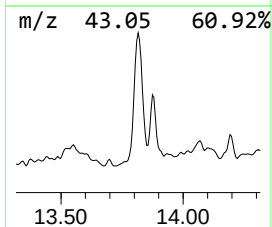
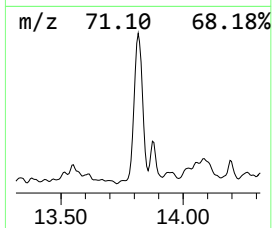
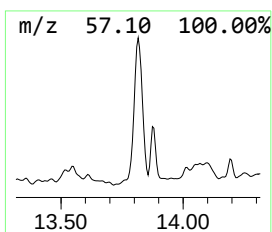
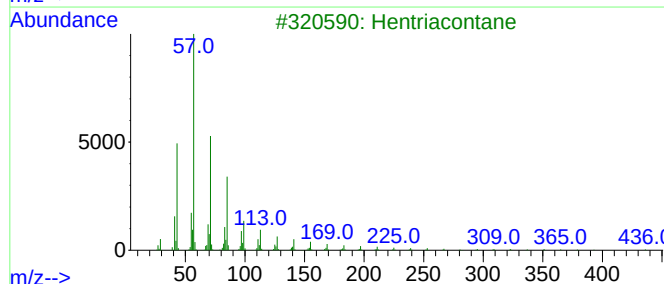
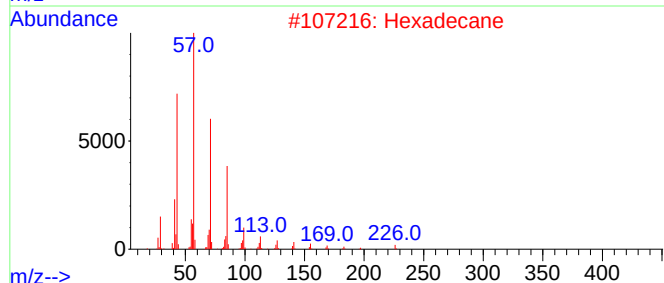
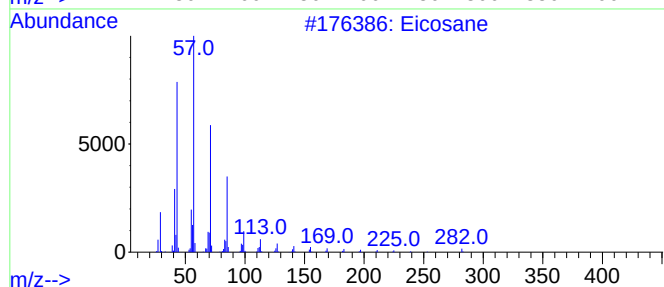
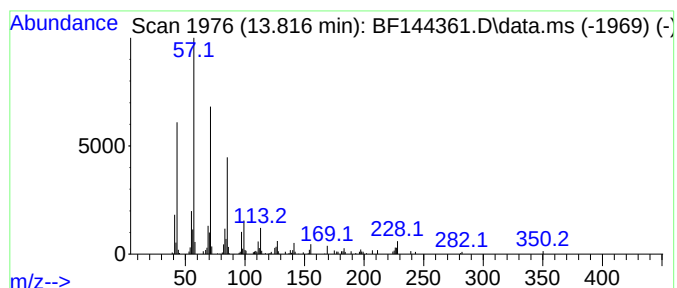
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.816	8.60 ng	183882	Chrysene-d12	14.045

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	95
2			Hexadecane	226	C16H34	000544-76-3	91
3			Hentriacontane	437	C31H64	000630-04-6	90
4			Heneicosane	296	C21H44	000629-94-7	90
5			Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144361.D
Acq On : 26 Nov 2025 15:11
Operator : RC/JU
Sample : Q3604-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-1

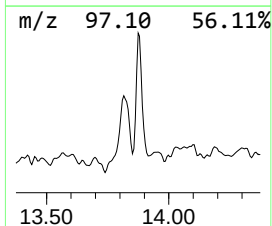
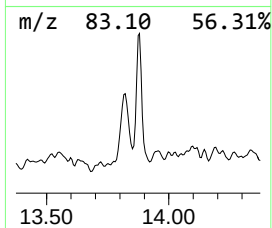
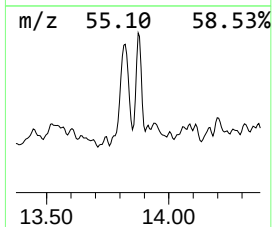
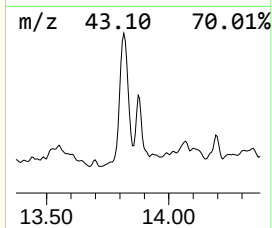
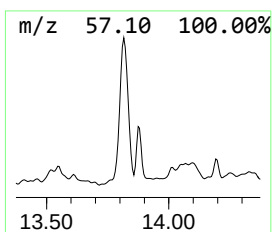
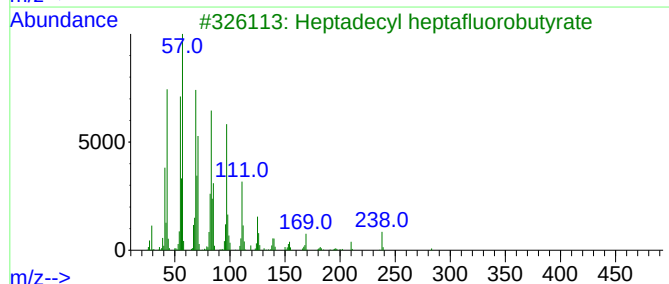
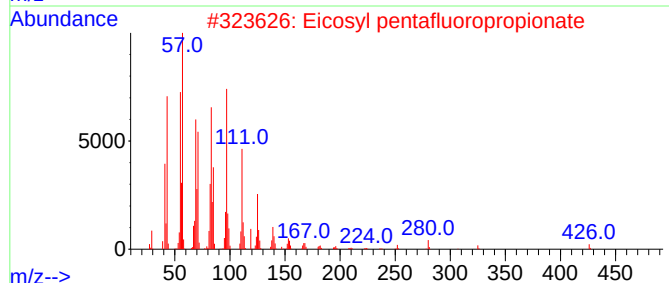
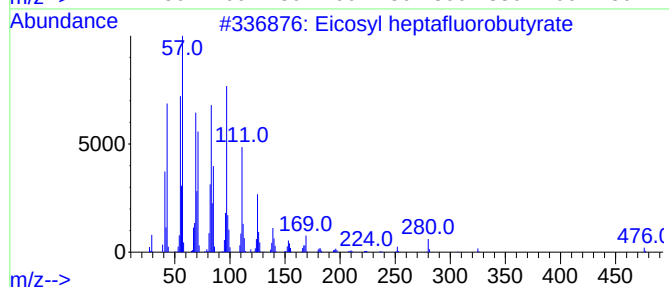
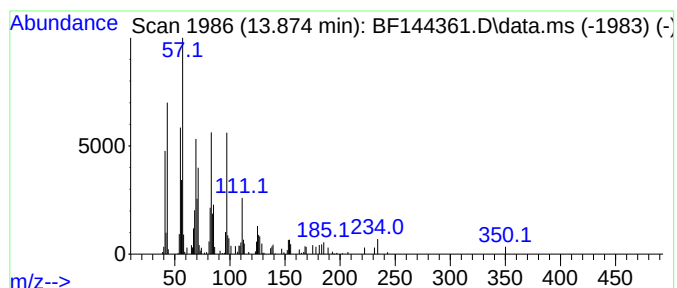
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Eicosyl heptafluorobutyrate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.874	3.18 ng	68088	Chrysene-d12	14.045

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosyl heptafluorobutyrate	494	C24H41F7O2	1000351-83-5	91
2			Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	91
3			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
4			1-Heptacosanol	396	C27H56O	002004-39-9	91
5			Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144361.D
Acq On : 26 Nov 2025 15:11
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Sample : Q3604-04
Misc :
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Instrument :
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ClientSampleId :
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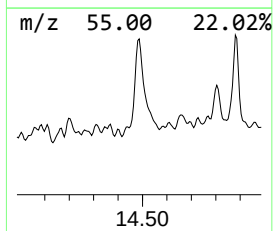
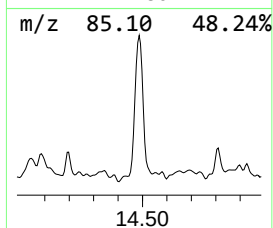
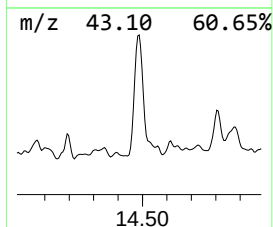
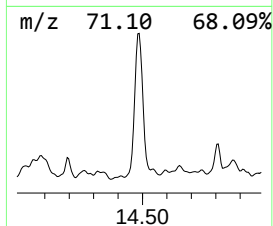
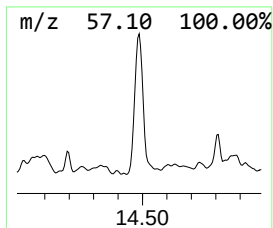
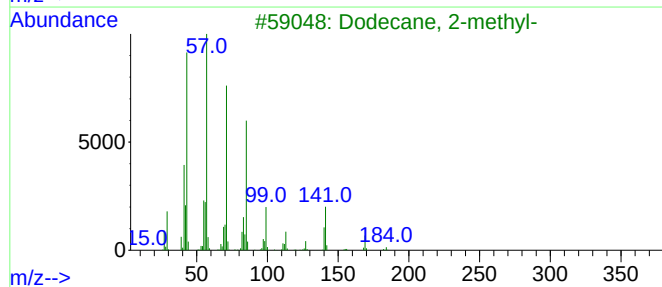
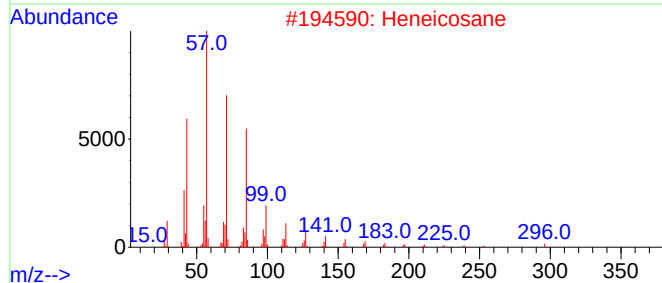
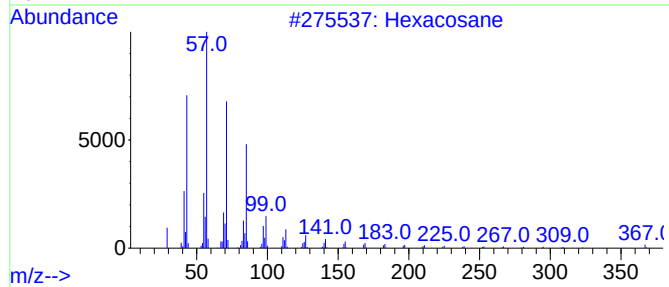
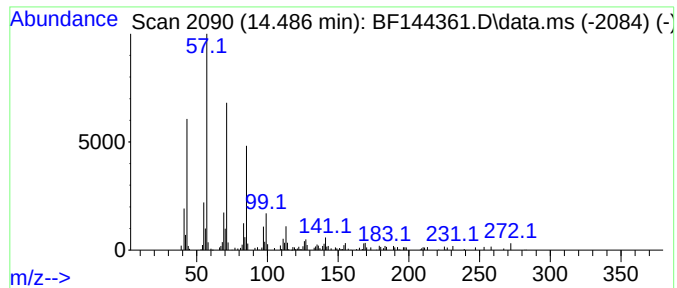
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.486	7.78 ng	166314	Chrysene-d12	14.045

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	90
2			Heneicosane	296	C21H44	000629-94-7	87
3			Dodecane, 2-methyl-	184	C13H28	001560-97-0	87
4			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86
5			Octacosane	394	C28H58	000630-02-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144361.D
Acq On : 26 Nov 2025 15:11
Operator : RC/JU
Sample : Q3604-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

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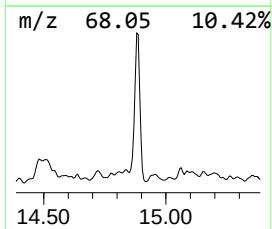
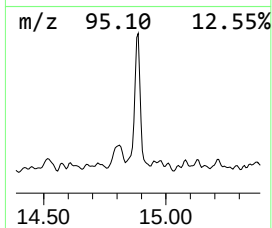
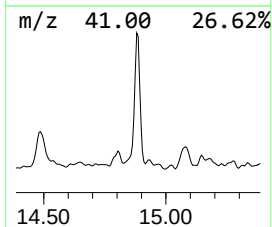
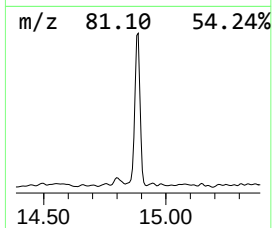
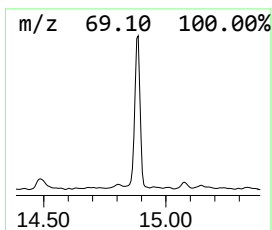
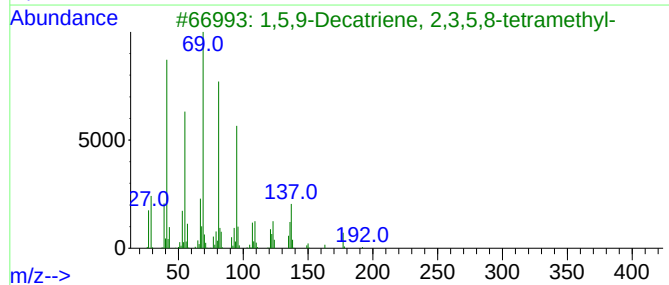
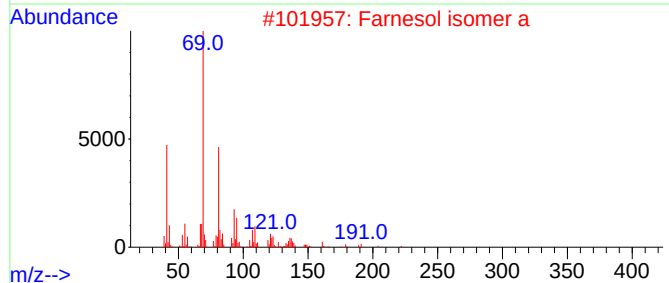
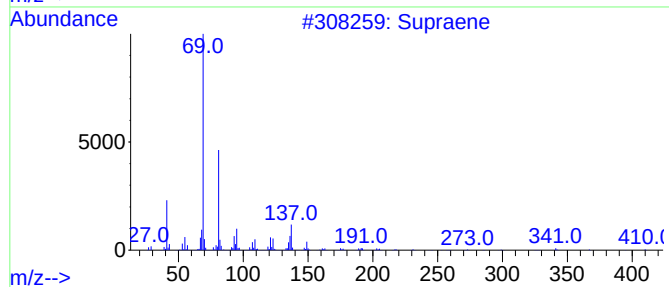
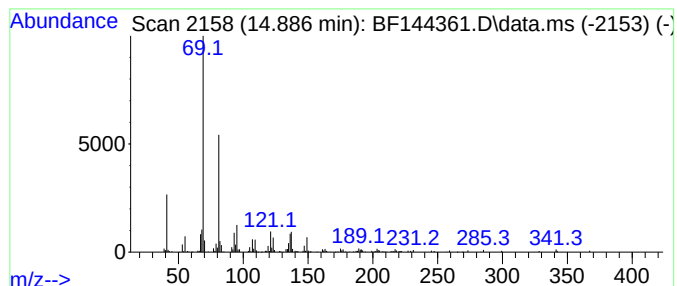
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Supraene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.886	8.82 ng	203844	Perylene-d12	15.527

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Supraene	410	C30H50	007683-64-9	90
2			Farnesol isomer a	222	C15H26O	1000108-92-4	72
3			1,5,9-Decatriene, 2,3,5,8-tetram...	192	C14H24	230646-72-7	59
4			3,7,11-Trimethyl-2,6,10-dodecatr...	217	C15H23N	029789-67-1	59
5			1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144361.D
Acq On : 26 Nov 2025 15:11
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ClientSampleId :
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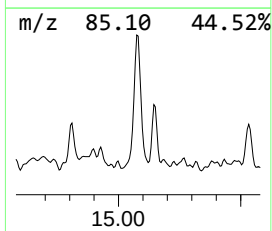
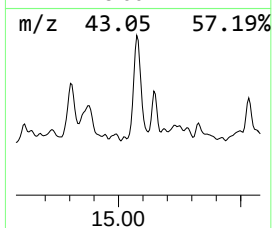
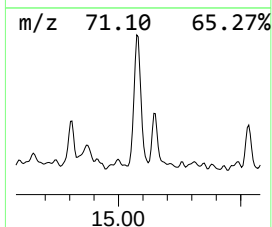
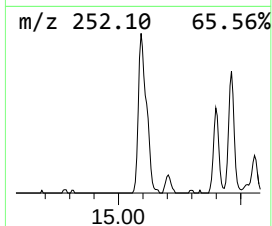
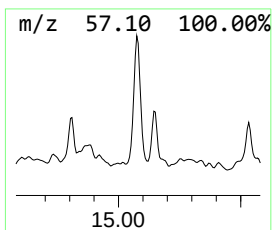
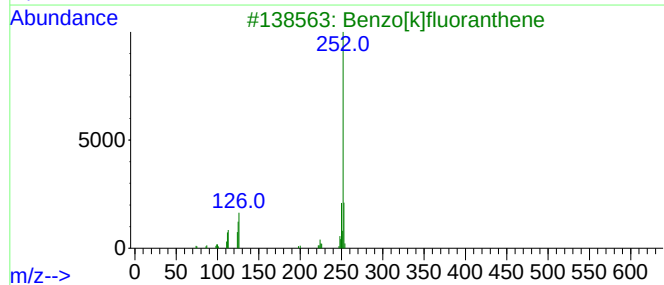
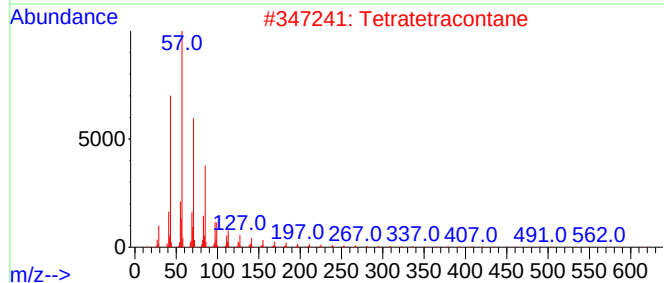
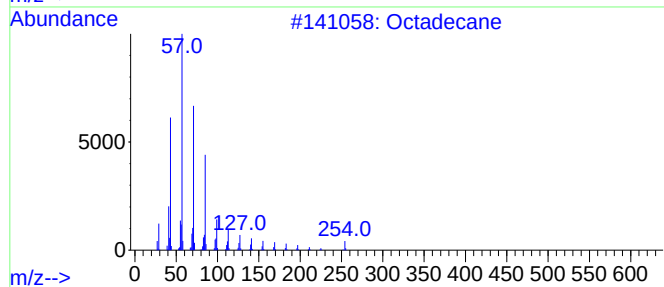
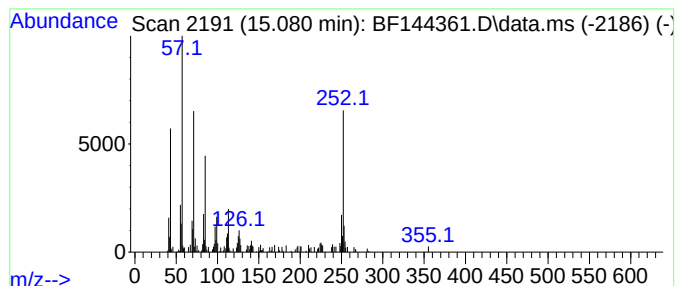
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.080	5.72 ng	132124	Perylene-d12	15.527

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	86
2			Tetratetracontane	619	C44H90	007098-22-8	46
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	46
4			Hexadecane	226	C16H34	000544-76-3	46
5			Benzo[b]fluoranthene	252	C20H12	000205-99-2	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144361.D
Acq On : 26 Nov 2025 15:11
Operator : RC/JU
Sample : Q3604-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzophenone	10.616	5.8	ng	134755	3	9.904	465457	20.0
n-Hexadecanoic ...	11.916	10.7	ng	250514	4	11.392	466983	20.0
Octadecanoic acid	12.698	3.7	ng	87217	4	11.392	466983	20.0
Eicosane	13.816	8.6	ng	183882	5	14.045	427689	20.0
Eicosyl heptafl...	13.874	3.2	ng	68088	5	14.045	427689	20.0
Hexacosane	14.486	7.8	ng	166314	5	14.045	427689	20.0
Supraene	14.886	8.8	ng	203844	6	15.527	462340	20.0
Octadecane	15.080	5.7	ng	132124	6	15.527	462340	20.0



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

Report of Analysis

Client:	Roman E&G Corp	Date Collected:	11/10/25
Project:	MCUA - New Brunswick	Date Received:	11/10/25
Client Sample ID:	S-2	SDG No.:	Q3604
Lab Sample ID:	Q3604-05	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	82.7
Sample Wt/Vol:	50.07 g	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541		
	Level: LOW		
	Final Vol: 1000 uL		
	Prep Date: 11/25/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	110	U	1	110	240	ug/Kg	11/26/25 15:41	PB170735
108-95-2	Phenol	16.0	U	1	16.0	120	ug/Kg	11/26/25 15:41	PB170735
111-44-4	bis(2-Chloroethyl)ether	17.6	U	1	17.6	120	ug/Kg	11/26/25 15:41	PB170735
95-57-8	2-Chlorophenol	17.7	U	1	17.7	120	ug/Kg	11/26/25 15:41	PB170735
95-48-7	2-Methylphenol	21.7	U	1	21.7	120	ug/Kg	11/26/25 15:41	PB170735
108-60-1	2,2-oxybis(1-Chloropropane)	27.2	U	1	27.2	120	ug/Kg	11/26/25 15:41	PB170735
98-86-2	Acetophenone	21.4	U	1	21.4	120	ug/Kg	11/26/25 15:41	PB170735
65794-96-9	3+4-Methylphenols	29.8	U	1	29.8	240	ug/Kg	11/26/25 15:41	PB170735
621-64-7	n-Nitroso-di-n-propylamine	34.3	U	1	34.3	58.0	ug/Kg	11/26/25 15:41	PB170735
67-72-1	Hexachloroethane	12.8	U	1	12.8	120	ug/Kg	11/26/25 15:41	PB170735
98-95-3	Nitrobenzene	13.3	U	1	13.3	120	ug/Kg	11/26/25 15:41	PB170735
78-59-1	Isophorone	23.8	U	1	23.8	120	ug/Kg	11/26/25 15:41	PB170735
88-75-5	2-Nitrophenol	42.2	U	1	42.2	120	ug/Kg	11/26/25 15:41	PB170735
105-67-9	2,4-Dimethylphenol	46.9	U	1	46.9	120	ug/Kg	11/26/25 15:41	PB170735
111-91-1	bis(2-Chloroethoxy)methane	22.3	U	1	22.3	120	ug/Kg	11/26/25 15:41	PB170735
120-83-2	2,4-Dichlorophenol	20.5	U	1	20.5	120	ug/Kg	11/26/25 15:41	PB170735
91-20-3	Naphthalene	16.4	U	1	16.4	120	ug/Kg	11/26/25 15:41	PB170735
106-47-8	4-Chloroaniline	25.6	UQ	1	25.6	120	ug/Kg	11/26/25 15:41	PB170735
87-68-3	Hexachlorobutadiene	18.3	U	1	18.3	120	ug/Kg	11/26/25 15:41	PB170735
105-60-2	Caprolactam	37.7	U	1	37.7	240	ug/Kg	11/26/25 15:41	PB170735
59-50-7	4-Chloro-3-methylphenol	20.8	U	1	20.8	120	ug/Kg	11/26/25 15:41	PB170735
91-57-6	2-Methylnaphthalene	18.5	U	1	18.5	120	ug/Kg	11/26/25 15:41	PB170735
77-47-4	Hexachlorocyclopentadiene	84.0	U	1	84.0	240	ug/Kg	11/26/25 15:41	PB170735
88-06-2	2,4,6-Trichlorophenol	14.3	U	1	14.3	120	ug/Kg	11/26/25 15:41	PB170735
95-95-4	2,4,5-Trichlorophenol	21.1	U	1	21.1	120	ug/Kg	11/26/25 15:41	PB170735
92-52-4	1,1-Biphenyl	15.8	U	1	15.8	120	ug/Kg	11/26/25 15:41	PB170735
91-58-7	2-Chloronaphthalene	16.3	U	1	16.3	120	ug/Kg	11/26/25 15:41	PB170735
88-74-4	2-Nitroaniline	34.8	U	1	34.8	120	ug/Kg	11/26/25 15:41	PB170735
131-11-3	Dimethylphthalate	19.6	U	1	19.6	120	ug/Kg	11/26/25 15:41	PB170735
208-96-8	Acenaphthylene	20.9	U	1	20.9	120	ug/Kg	11/26/25 15:41	PB170735
606-20-2	2,6-Dinitrotoluene	24.3	U	1	24.3	120	ug/Kg	11/26/25 15:41	PB170735
99-09-2	3-Nitroaniline	33.3	UQ	1	33.3	120	ug/Kg	11/26/25 15:41	PB170735
83-32-9	Acenaphthene	15.4	U	1	15.4	120	ug/Kg	11/26/25 15:41	PB170735
51-28-5	2,4-Dinitrophenol	170	U	1	170	240	ug/Kg	11/26/25 15:41	PB170735
100-02-7	4-Nitrophenol	77.5	U	1	77.5	240	ug/Kg	11/26/25 15:41	PB170735
132-64-9	Dibenzofuran	16.4	U	1	16.4	120	ug/Kg	11/26/25 15:41	PB170735
121-14-2	2,4-Dinitrotoluene	36.3	U	1	36.3	120	ug/Kg	11/26/25 15:41	PB170735
84-66-2	Diethylphthalate	20.5	U	1	20.5	120	ug/Kg	11/26/25 15:41	PB170735
7005-72-3	4-Chlorophenyl-phenylether	19.3	U	1	19.3	120	ug/Kg	11/26/25 15:41	PB170735
86-73-7	Fluorene	18.3	U	1	18.3	120	ug/Kg	11/26/25 15:41	PB170735
100-01-6	4-Nitroaniline	46.5	U	1	46.5	120	ug/Kg	11/26/25 15:41	PB170735
534-52-1	4,6-Dinitro-2-methylphenol	74.6	U	1	74.6	240	ug/Kg	11/26/25 15:41	PB170735



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

Report of Analysis

Client:	Roman E&G Corp	Date Collected:	11/10/25
Project:	MCUA - New Brunswick	Date Received:	11/10/25
Client Sample ID:	S-2	SDG No.:	Q3604
Lab Sample ID:	Q3604-05	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	82.7
Sample Wt/Vol:	50.07 g	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541		
	Level: LOW		
	Final Vol: 1000 uL		
	Prep Date: 11/25/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	23.8	U	1	23.8	120	ug/Kg	11/26/25 15:41	PB170735
101-55-3	4-Bromophenyl-phenylether	20.1	U	1	20.1	120	ug/Kg	11/26/25 15:41	PB170735
118-74-1	Hexachlorobenzene	18.3	U	1	18.3	120	ug/Kg	11/26/25 15:41	PB170735
1912-24-9	Atrazine	24.6	U	1	24.6	120	ug/Kg	11/26/25 15:41	PB170735
87-86-5	Pentachlorophenol	37.2	U	1	37.2	240	ug/Kg	11/26/25 15:41	PB170735
85-01-8	Phenanthrene	15.1	U	1	15.1	120	ug/Kg	11/26/25 15:41	PB170735
120-12-7	Anthracene	24.1	U	1	24.1	120	ug/Kg	11/26/25 15:41	PB170735
86-74-8	Carbazole	22.6	U	1	22.6	120	ug/Kg	11/26/25 15:41	PB170735
84-74-2	Di-n-butylphthalate	34.7	U	1	34.7	120	ug/Kg	11/26/25 15:41	PB170735
206-44-0	Fluoranthene	21.7	U	1	21.7	120	ug/Kg	11/26/25 15:41	PB170735
129-00-0	Pyrene	26.1	U	1	26.1	120	ug/Kg	11/26/25 15:41	PB170735
85-68-7	Butylbenzylphthalate	51.7	U	1	51.7	120	ug/Kg	11/26/25 15:41	PB170735
91-94-1	3,3-Dichlorobenzidine	26.6	U	1	26.6	240	ug/Kg	11/26/25 15:41	PB170735
56-55-3	Benzo(a)anthracene	16.7	U	1	16.7	120	ug/Kg	11/26/25 15:41	PB170735
218-01-9	Chrysene	14.4	U	1	14.4	120	ug/Kg	11/26/25 15:41	PB170735
117-81-7	Bis(2-ethylhexyl)phthalate	42.9	U	1	42.9	120	ug/Kg	11/26/25 15:41	PB170735
117-84-0	Di-n-octyl phthalate	62.9	U	1	62.9	240	ug/Kg	11/26/25 15:41	PB170735
205-99-2	Benzo(b)fluoranthene	13.8	U	1	13.8	120	ug/Kg	11/26/25 15:41	PB170735
207-08-9	Benzo(k)fluoranthene	16.2	U	1	16.2	120	ug/Kg	11/26/25 15:41	PB170735
50-32-8	Benzo(a)pyrene	21.4	U	1	21.4	120	ug/Kg	11/26/25 15:41	PB170735
193-39-5	Indeno(1,2,3-cd)pyrene	21.1	U	1	21.1	120	ug/Kg	11/26/25 15:41	PB170735
53-70-3	Dibenzo(a,h)anthracene	19.9	U	1	19.9	120	ug/Kg	11/26/25 15:41	PB170735
191-24-2	Benzo(g,h,i)perylene	18.6	U	1	18.6	120	ug/Kg	11/26/25 15:41	PB170735
95-94-3	1,2,4,5-Tetrachlorobenzene	18.5	U	1	18.5	120	ug/Kg	11/26/25 15:41	PB170735
123-91-1	1,4-Dioxane	32.7	U	1	32.7	120	ug/Kg	11/26/25 15:41	PB170735
58-90-2	2,3,4,6-Tetrachlorophenol	19.9	U	1	19.9	120	ug/Kg	11/26/25 15:41	PB170735

SURROGATES

367-12-4	2-Fluorophenol	90.4		30 (10) - 130 (105)	60%	SPK: 150
13127-88-3	Phenol-d6	93.1		30 (10) - 130 (103)	62%	SPK: 150
4165-60-0	Nitrobenzene-d5	61.0		30 (10) - 130 (108)	61%	SPK: 100
321-60-8	2-Fluorobiphenyl	59.9		30 (10) - 130 (108)	60%	SPK: 100
118-79-6	2,4,6-Tribromophenol	76.5		30 (10) - 130 (116)	51%	SPK: 150
1718-51-0	Terphenyl-d14	46.7		30 (10) - 130 (109)	47%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	55400
1146-65-2	Naphthalene-d8	213000
15067-26-2	Acenaphthene-d10	115000
1517-22-2	Phenanthrene-d10	177000
1719-03-5	Chrysene-d12	127000
1520-96-3	Perylene-d12	167000

TENTATIVE IDENTIFIED COMPOUNDS

000119-61-9	Benzophenone	160	J	10.6	ug/Kg
000057-10-3	n-Hexadecanoic acid	240	J	11.9	ug/Kg

Report of Analysis

Client: Roman E&G Corp	Date Collected: 11/10/25	
Project: MCUA - New Brunswick	Date Received: 11/10/25	
Client Sample ID: S-2	SDG No.: Q3604	
Lab Sample ID: Q3604-05	Matrix: SOIL	
Analytical Method: 8270E	% Solid: 82.7	
Level: LOW	Test: SVOC-TCL BNA -20	
Sample Wt/Vol: 50.07 g	Final Vol: 1000 uL	
Prep Method : SW3541	Prep Date: 11/25/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
000057-11-4	Octadecanoic acid	57.7	J			12.7	ug/Kg		
1000406-04-8	Pentadecafluorooctanoic acid, octa	150	J			13.9	ug/Kg		

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\BF112625\
 Data File : BF144362.D
 Acq On : 26 Nov 2025 15:41
 Operator : RC/JU
 Sample : Q3604-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-2

Quant Time: Nov 26 16:01:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	55371	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	213302	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	114867	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	177276	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	126619	20.000	ng	-0.01
86) Perylene-d12	15.521	264	166750	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	319867	90.400	ng	0.00
7) Phenol-d6	6.492	99	373411	93.137	ng	0.00
23) Nitrobenzene-d5	7.422	82	225383	61.026	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	110278	76.505	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	465556	59.860	ng	-0.01
79) Terphenyl-d14	12.980	244	371898	46.654	ng	-0.01

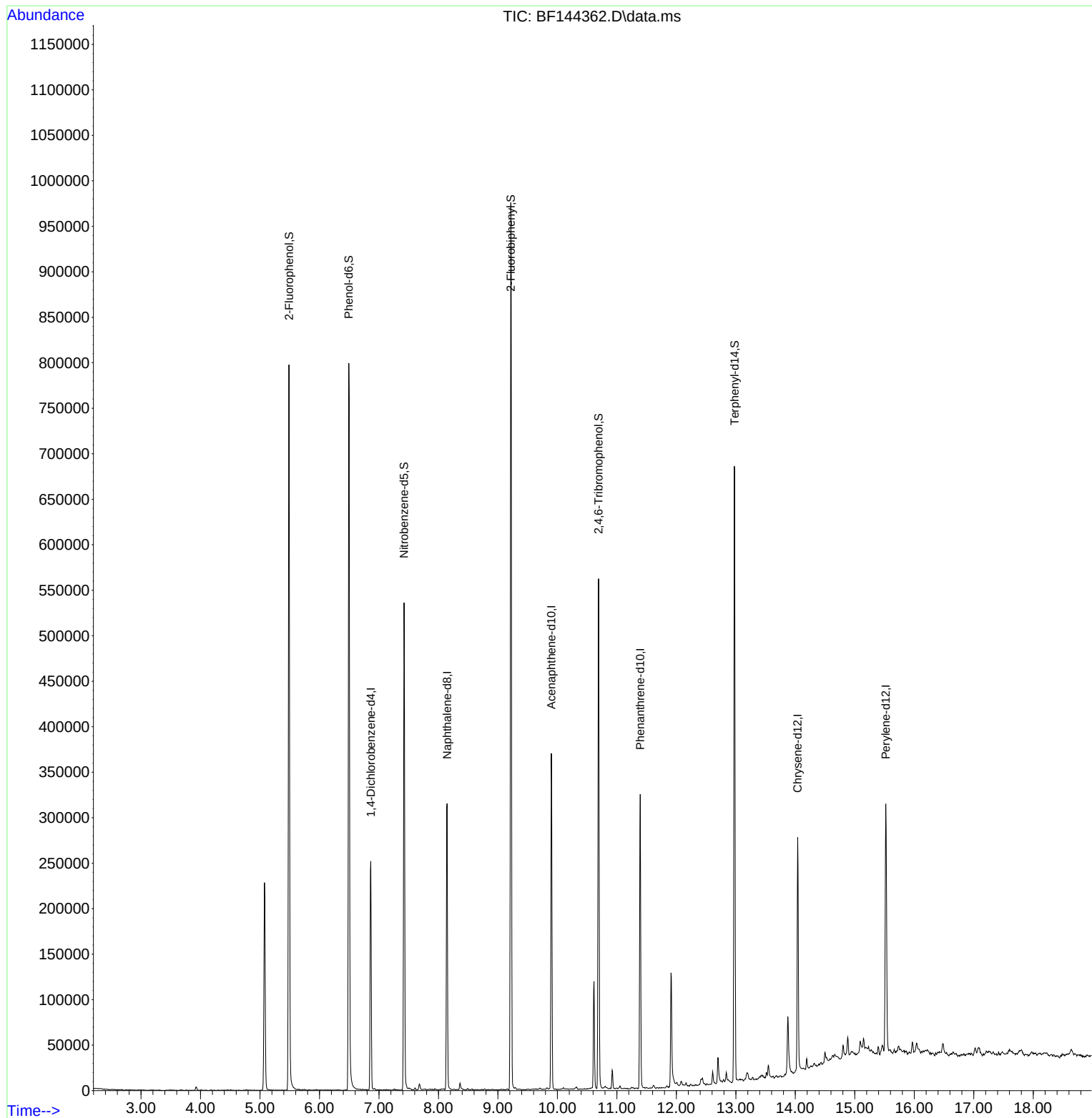
Target Compounds	Qvalue

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

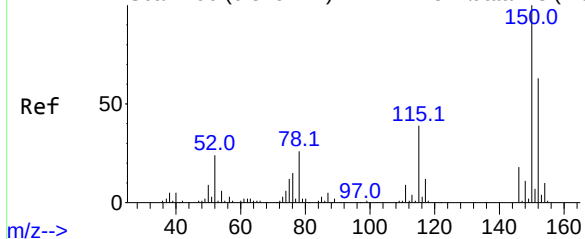
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Data File : BF144362.D
Acq On : 26 Nov 2025 15:41
Operator : RC/JU
Sample : Q3604-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-2

Quant Time: Nov 26 16:01:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

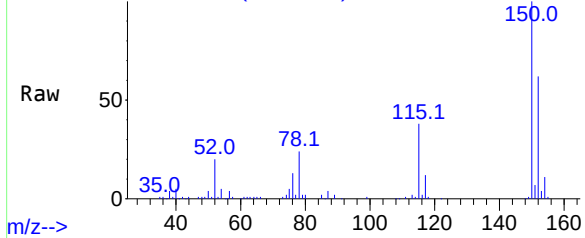


Abundance Scan 796 (6.875 min): BF144173.D\data.ms (-79



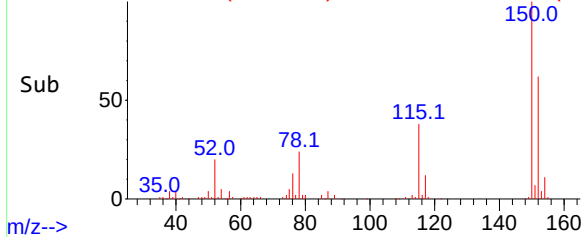
m/z-->

Abundance Scan 794 (6.863 min): BF144362.D\data.ms



m/z-->

Abundance Scan 794 (6.863 min): BF144362.D\data.ms (-77



m/z-->

#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.863 min Scan# 794

Delta R.T. -0.012 min

Lab File: BF144362.D

Acq: 26 Nov 2025 15:41

Instrument :

BNA_F

ClientSampleId :

S-2

Tgt Ion:152 Resp: 55371

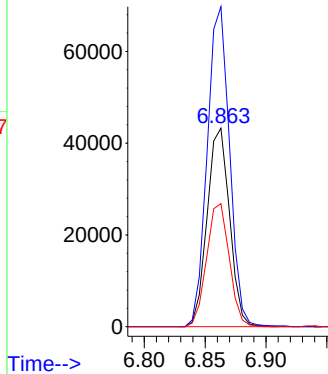
Ion Ratio Lower Upper

152 100

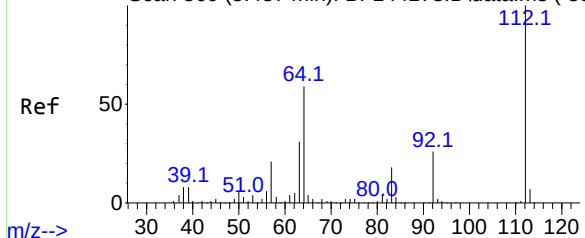
150 161.1 127.4 191.0

115 61.9 49.5 74.3

Abundance

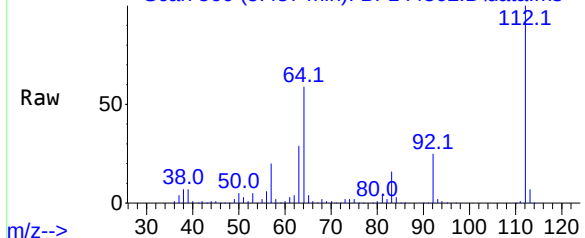


Abundance Scan 560 (5.487 min): BF144173.D\data.ms (-55



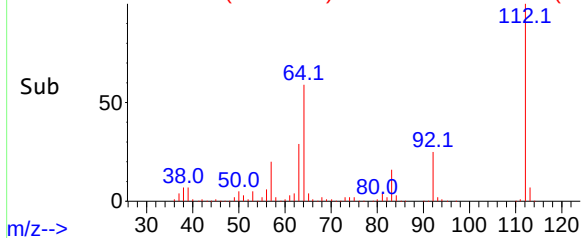
m/z-->

Abundance Scan 560 (5.487 min): BF144362.D\data.ms



m/z-->

Abundance Scan 560 (5.487 min): BF144362.D\data.ms (-51



m/z-->

#5

2-Fluorophenol

Concen: 90.400 ng

RT: 5.487 min Scan# 560

Delta R.T. -0.006 min

Lab File: BF144362.D

Acq: 26 Nov 2025 15:41

Tgt Ion:112 Resp: 319867

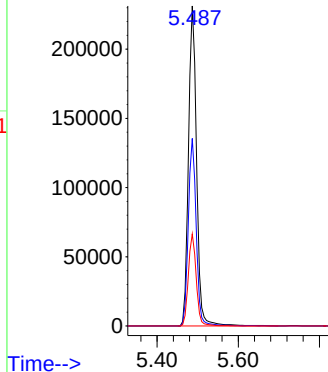
Ion Ratio Lower Upper

112 100

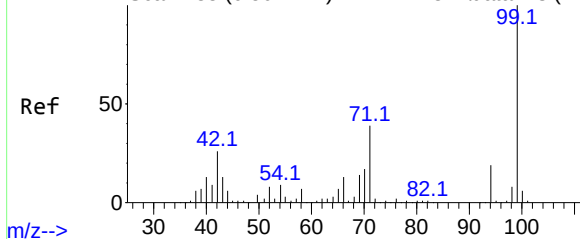
64 58.6 47.2 70.8

63 28.7 24.4 36.6

Abundance

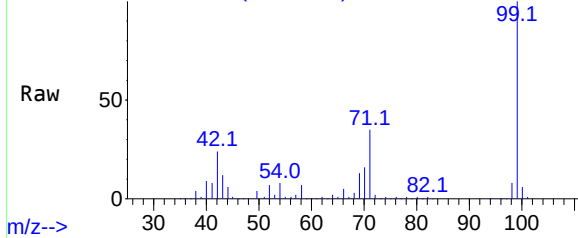


Abundance Scan 733 (6.504 min): BF144173.D\data.ms (-72



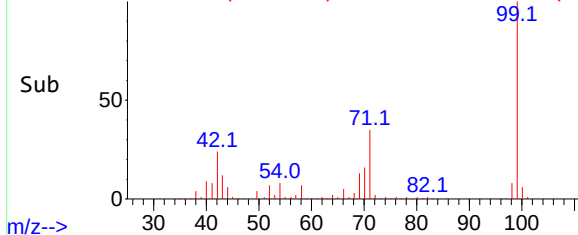
m/z-->

Abundance Scan 731 (6.492 min): BF144362.D\data.ms



m/z-->

Abundance Scan 731 (6.492 min): BF144362.D\data.ms (-68



m/z-->

#7

Phenol-d6

Concen: 93.137 ng

RT: 6.492 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF144362.D

Acq: 26 Nov 2025 15:41

Instrument :

BNA_F

ClientSampleId :

S-2

Tgt Ion: 99 Resp: 373411

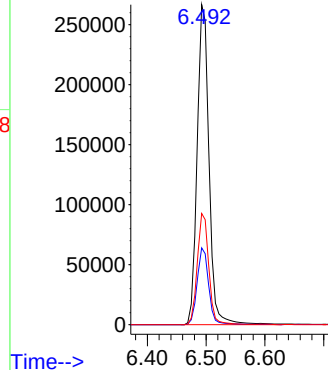
Ion Ratio Lower Upper

99 100

42 24.0 20.9 31.3

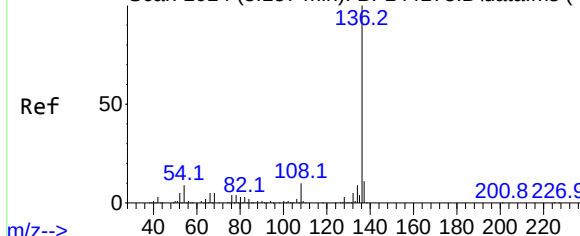
71 34.8 31.4 47.2

Abundance



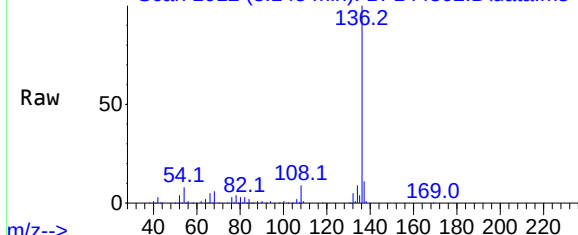
Time-->

Abundance Scan 1014 (8.157 min): BF144173.D\data.ms (-1



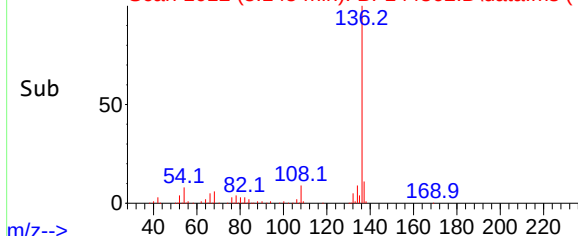
m/z-->

Abundance Scan 1012 (8.145 min): BF144362.D\data.ms



m/z-->

Abundance Scan 1012 (8.145 min): BF144362.D\data.ms (-9



m/z-->

#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.145 min Scan# 1012

Delta R.T. -0.012 min

Lab File: BF144362.D

Acq: 26 Nov 2025 15:41

Tgt Ion: 136 Resp: 213302

Ion Ratio Lower Upper

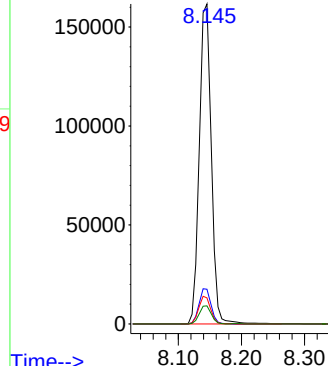
136 100

137 10.9 8.6 13.0

54 8.2 7.0 10.6

68 5.7 4.3 6.5

Abundance



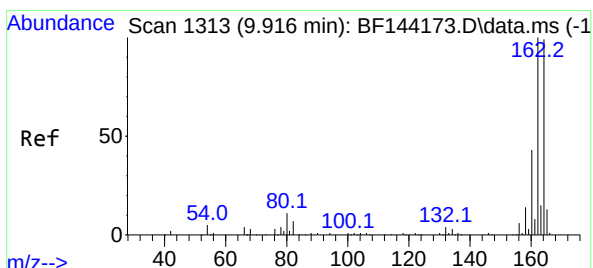
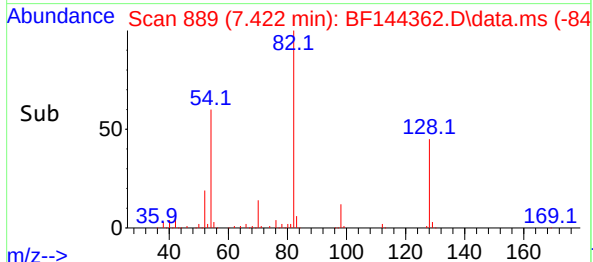
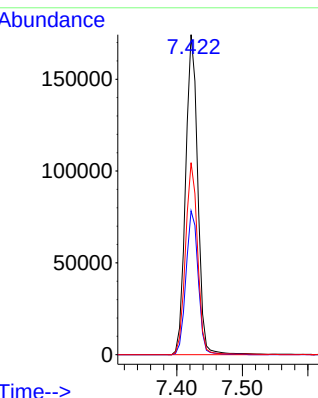
Time-->



Acq: 26 Nov 2025 15:41

S-2

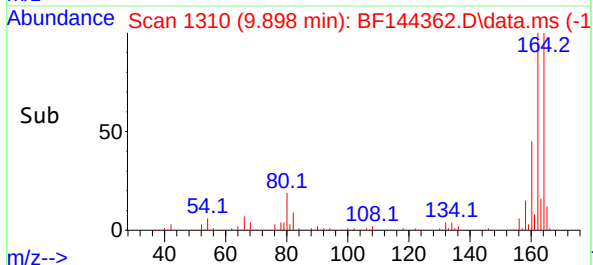
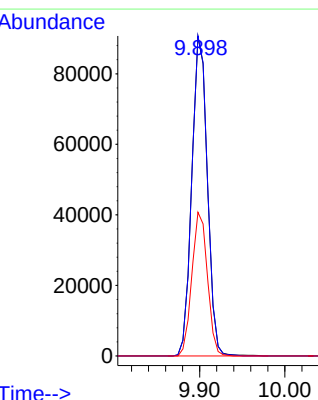
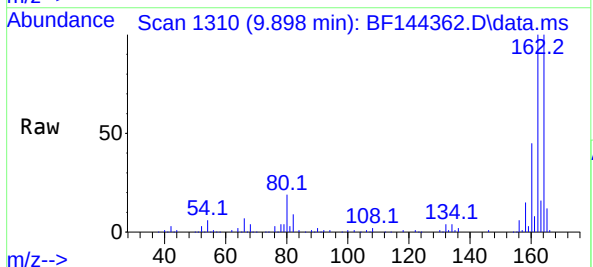
54 60.0 49.5 74.3

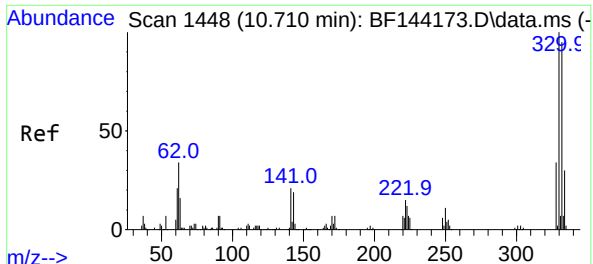


#39

Acq: 26 Nov 2025 15:41

160	45.0	34.5	51.7

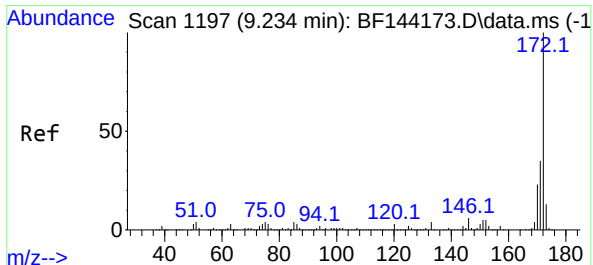
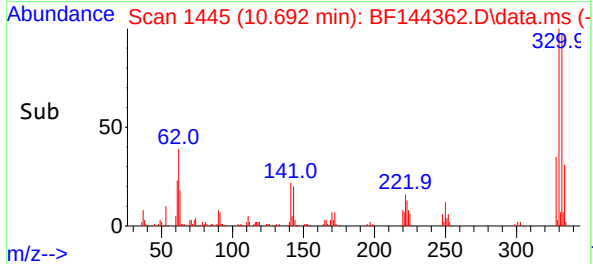
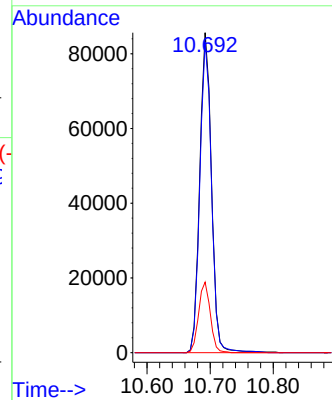
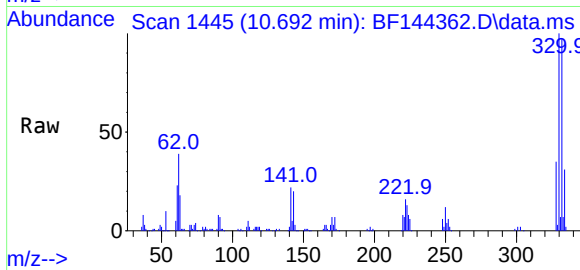




#42
2,4,6-Tribromophenol
Concen: 76.505 ng
RT: 10.692 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF144362.D
Acq: 26 Nov 2025 15:41

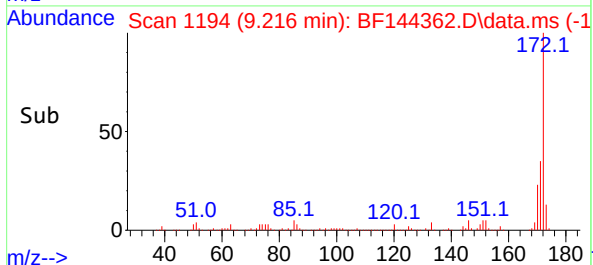
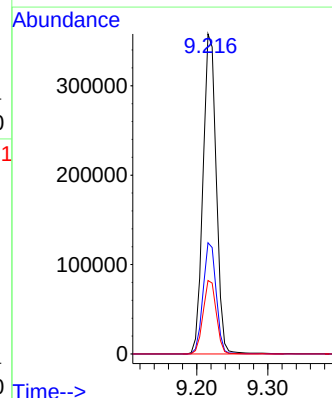
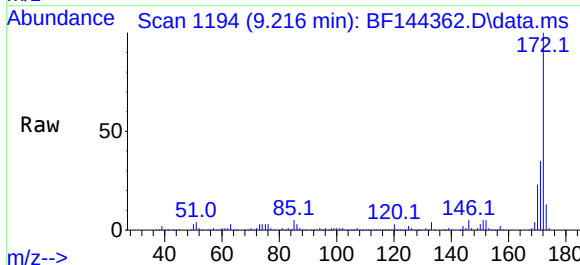
Instrument :
BNA_F
ClientSampleId :
S-2

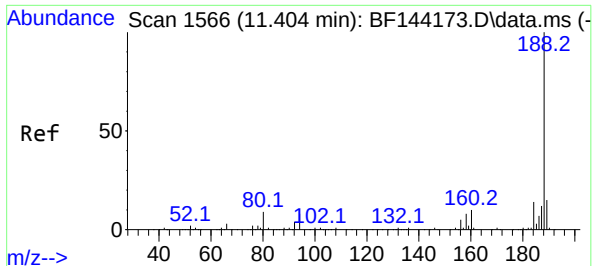
Tgt Ion:330 Resp: 110278
Ion Ratio Lower Upper
330 100
332 96.6 76.7 115.1
141 21.9 17.8 26.8



#45
2-Fluorobiphenyl
Concen: 59.860 ng
RT: 9.216 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BF144362.D
Acq: 26 Nov 2025 15:41

Tgt Ion:172 Resp: 465556
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 23.0 18.6 28.0

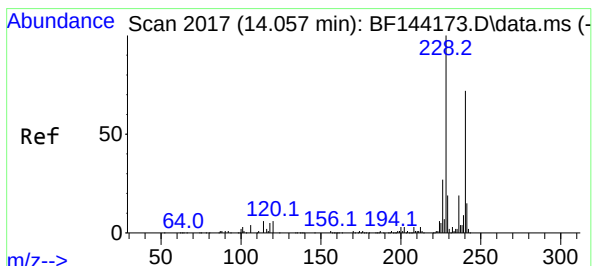
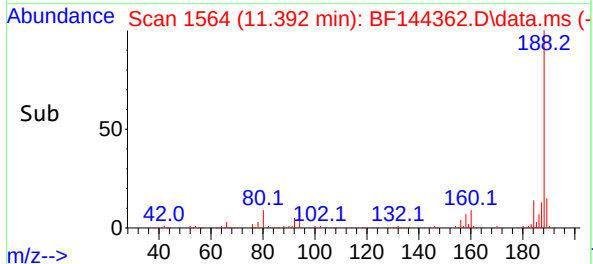
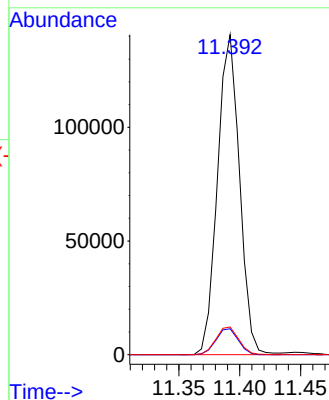
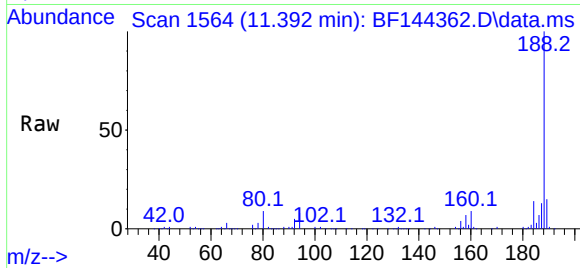




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144362.D
Acq: 26 Nov 2025 15:41

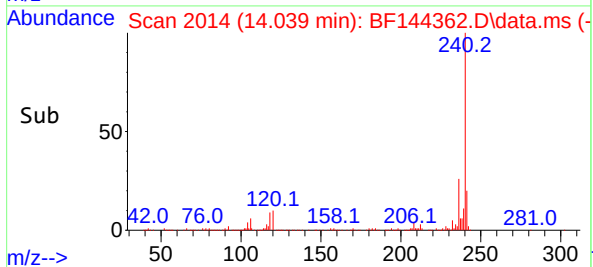
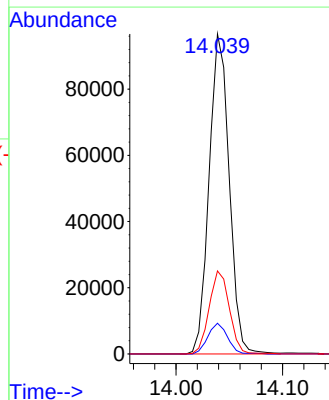
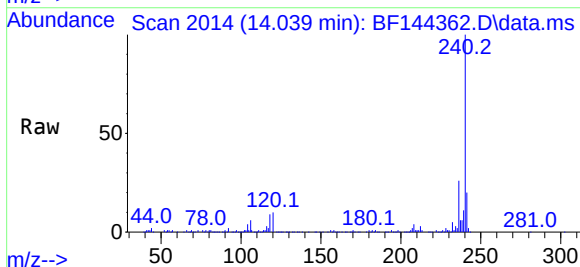
Instrument :
BNA_F
ClientSampleId :
S-2

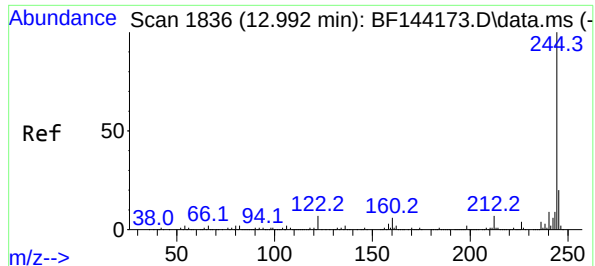
Tgt Ion:188 Resp: 177276
Ion Ratio Lower Upper
188 100
94 8.1 6.2 9.2
80 8.6 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF144362.D
Acq: 26 Nov 2025 15:41

Tgt Ion:240 Resp: 126619
Ion Ratio Lower Upper
240 100
120 9.6 6.6 10.0
236 26.0 21.4 32.2





#79

Terphenyl-d14

Concen: 46.654 ng

RT: 12.980 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144362.D

Acq: 26 Nov 2025 15:41

Instrument :

BNA_F

ClientSampleId :

S-2

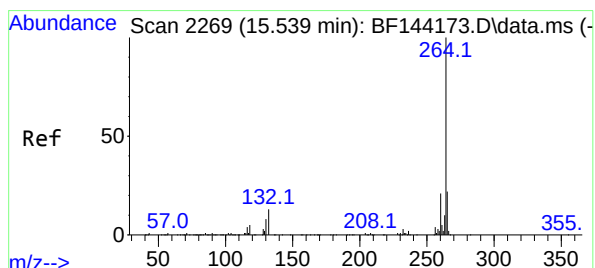
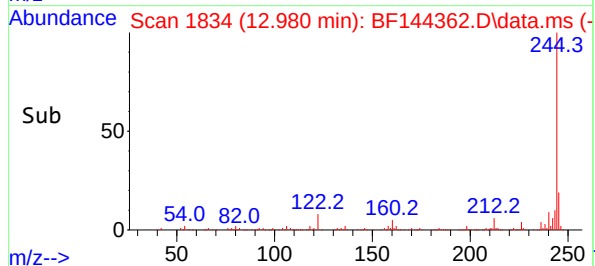
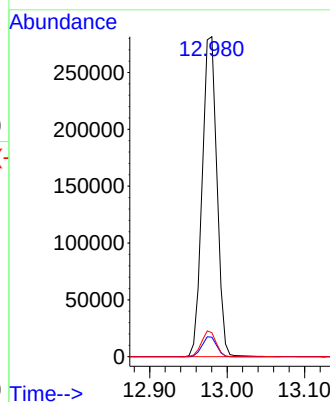
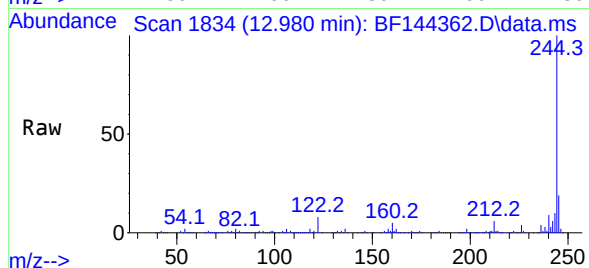
Tgt Ion:244 Resp: 371898

Ion Ratio Lower Upper

244 100

212 6.1 5.3 7.9

122 7.5 5.6 8.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 2266

Delta R.T. -0.018 min

Lab File: BF144362.D

Acq: 26 Nov 2025 15:41

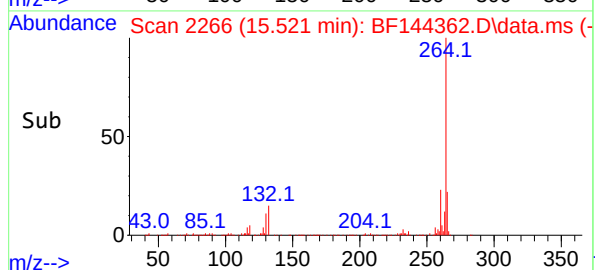
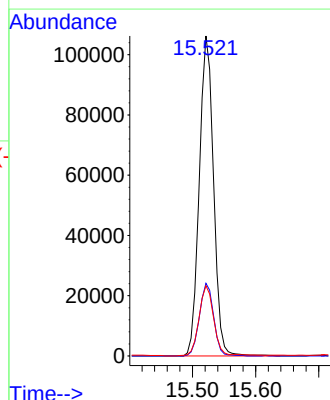
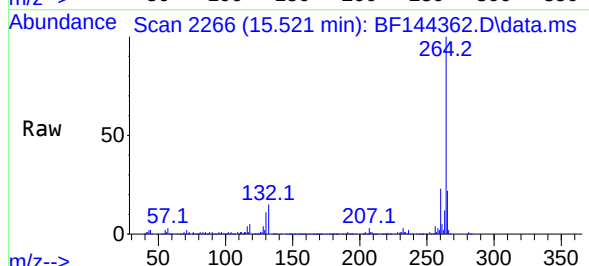
Tgt Ion:264 Resp: 166750

Ion Ratio Lower Upper

264 100

260 22.7 17.1 25.7

265 22.0 17.4 26.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
 Data File : BF144362.D
 Acq On : 26 Nov 2025 15:41
 Operator : RC/JU
 Sample : Q3604-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-2

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144362.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.075	482	490	499	rBV	228086	342177	27.42%	3.739%
2	5.487	555	560	578	rBV	797023	1073658	86.02%	11.731%
3	6.492	726	731	754	rBV	798800	1116773	89.48%	12.203%
4	6.863	788	794	799	rBV	251537	321095	25.73%	3.508%
5	7.422	884	889	901	rBV	535571	691895	55.44%	7.560%
6	7.681	925	933	940	rBV3	6842	12581	1.01%	0.137%
7	8.145	1006	1012	1024	rBB	314568	414081	33.18%	4.524%
8	9.216	1189	1194	1204	rBV	975178	1248119	100.00%	13.638%
9	9.898	1305	1310	1319	rVB	369266	465026	37.26%	5.081%
10	10.616	1427	1432	1440	rVB	117750	149530	11.98%	1.634%
11	10.692	1440	1445	1455	rBV	560457	719483	57.65%	7.861%
12	10.921	1480	1484	1489	rBV	19968	24718	1.98%	0.270%
13	11.392	1559	1564	1573	rBV	323211	410044	32.85%	4.480%
14	11.910	1647	1652	1665	rBV	125606	203726	16.32%	2.226%
15	12.610	1767	1771	1780	rBV	13973	20975	1.68%	0.229%
16	12.698	1781	1786	1794	rBV	28699	48981	3.92%	0.535%
17	12.839	1806	1810	1814	rBV	10286	13654	1.09%	0.149%
18	12.974	1828	1833	1839	rBV	676254	895104	71.72%	9.780%
19	13.192	1865	1870	1877	rVB6	7156	14970	1.20%	0.164%
20	13.545	1927	1930	1940	rVB8	13126	21369	1.71%	0.233%
21	13.874	1981	1986	1996	rBV	62620	109577	8.78%	1.197%
22	14.039	2009	2014	2026	rBV	256208	349863	28.03%	3.823%
23	14.192	2037	2040	2046	rBV2	11392	15943	1.28%	0.174%
24	14.498	2089	2092	2095	rBV2	11718	16623	1.33%	0.182%
25	14.880	2154	2157	2161	rVB	19357	25937	2.08%	0.283%
26	15.521	2261	2266	2274	rVB	271112	426094	34.14%	4.656%

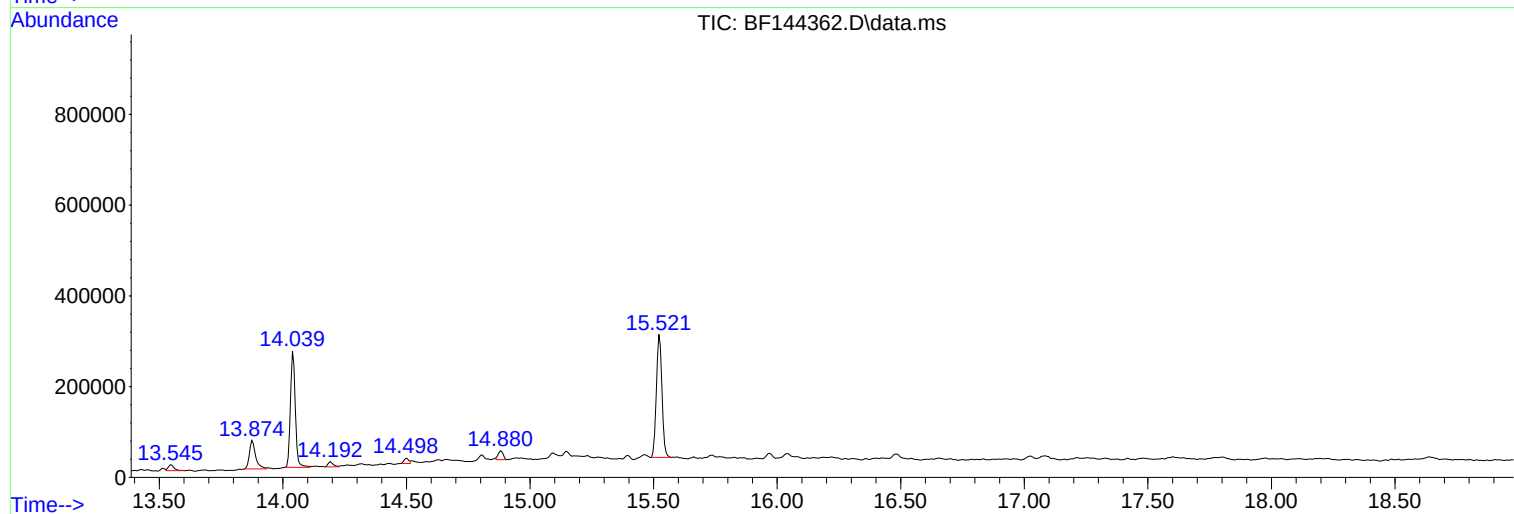
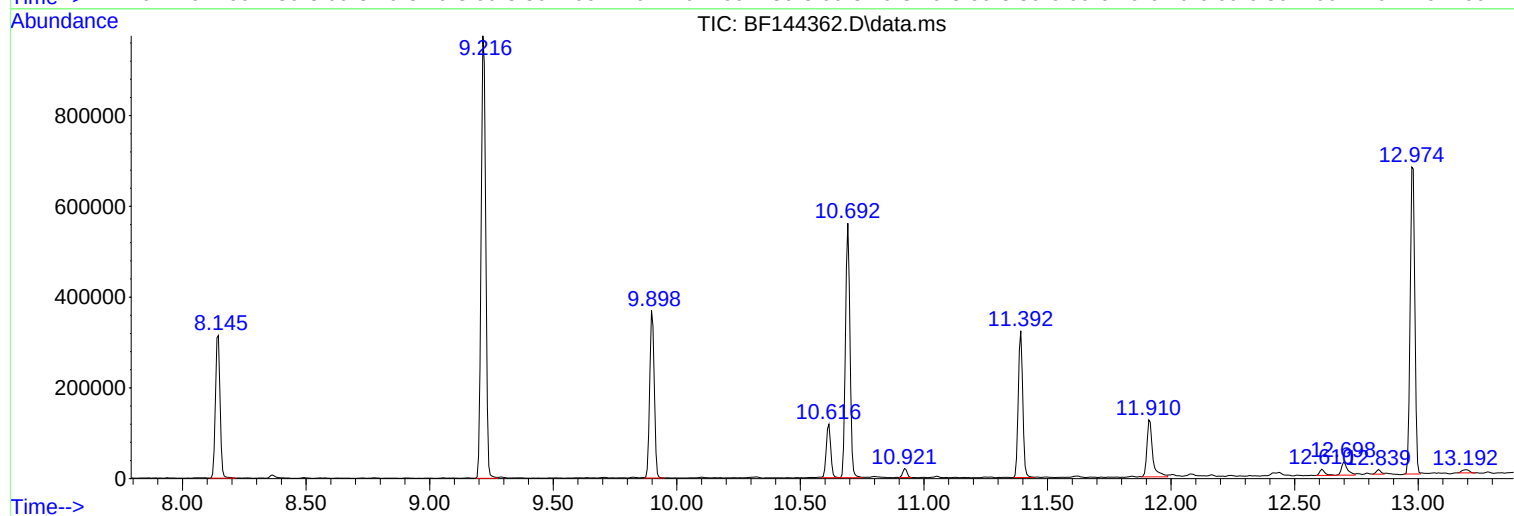
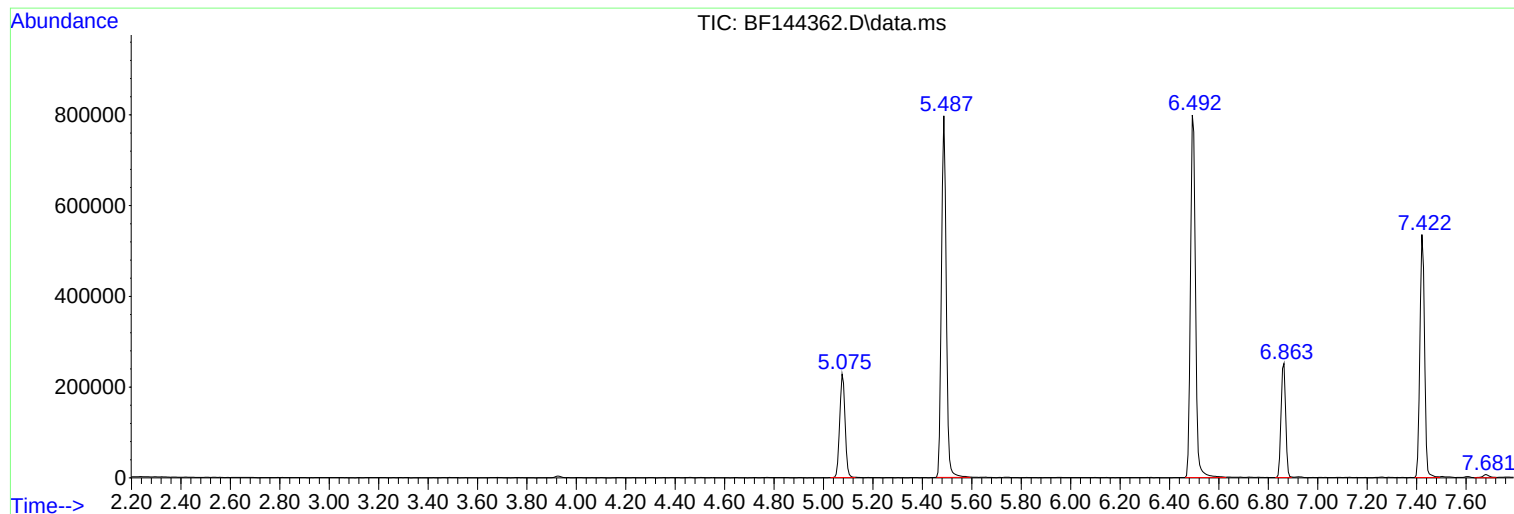
Sum of corrected areas: 9151996

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144362.D
Acq On : 26 Nov 2025 15:41
Operator : RC/JU
Sample : Q3604-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.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_F\Data\BF112625\
Data File : BF144362.D
Acq On : 26 Nov 2025 15:41
Operator : RC/JU
Sample : Q3604-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-2

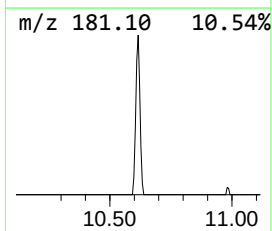
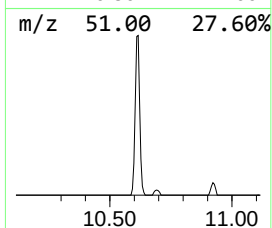
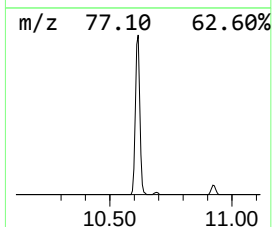
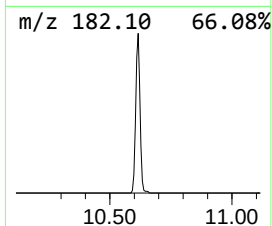
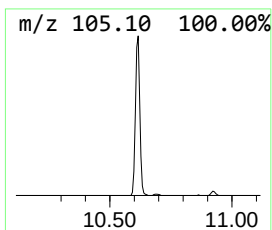
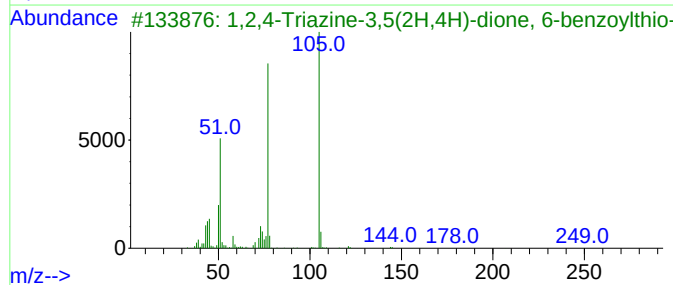
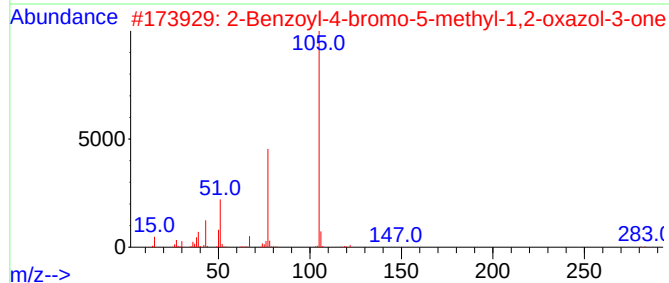
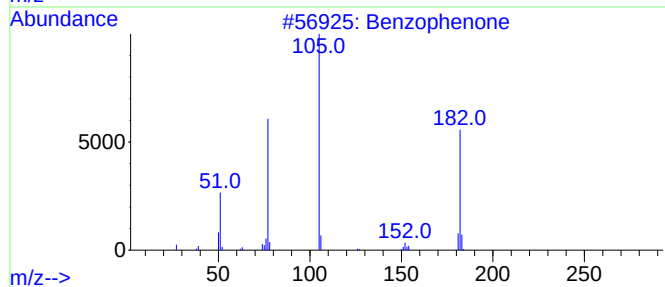
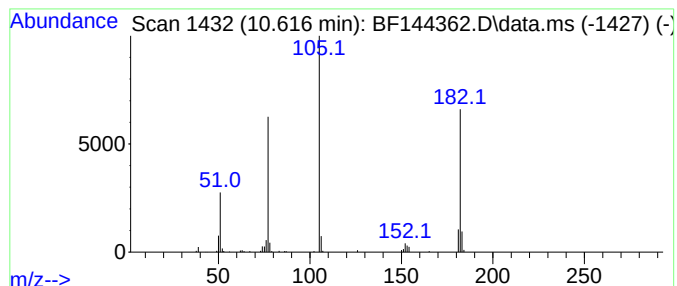
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.616	6.43 ng	149530	Acenaphthene-d10	9.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			2-Benzoyl-4-bromo-5-methyl-1,2-o...	281	C11H8BrNO3	1000444-92-3	43
3			1,2,4-Triazine-3,5(2H,4H)-dione,...	249	C10H7N3O3S	024168-34-1	43
4			N-Methylbenzamide, N-trifluoroac...	231	C10H8F3NO2	1000446-91-5	43
5			acetic acid, 2-bromo-, 2-oxo-2-p...	256	C10H9BrO3	1000401-50-0	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144362.D
Acq On : 26 Nov 2025 15:41
Operator : RC/JU
Sample : Q3604-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-2

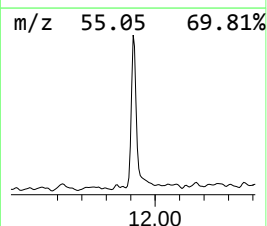
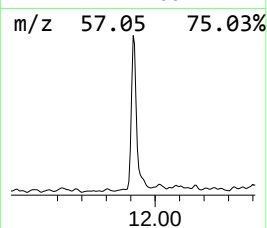
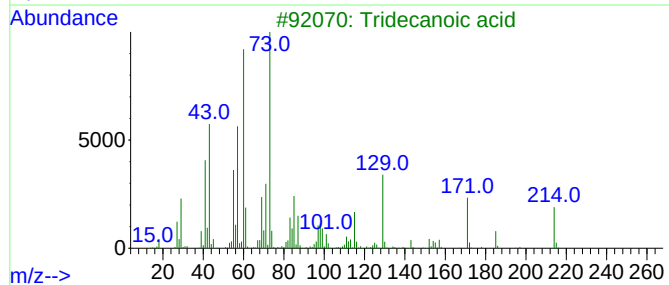
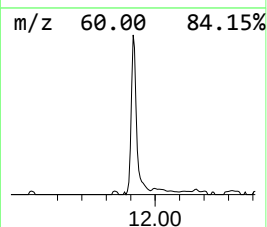
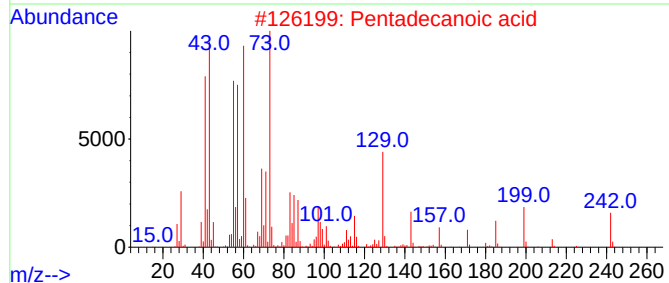
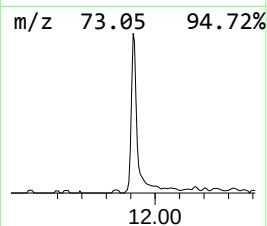
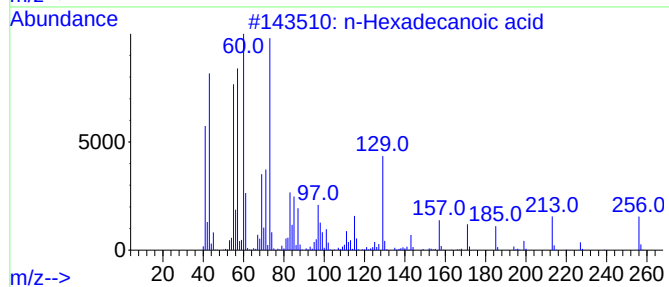
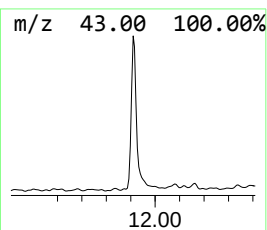
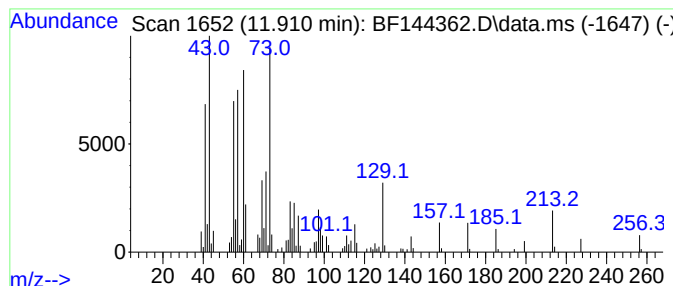
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.910	9.94 ng	203726	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3			Tridecanoic acid	214	C13H26O2	000638-53-9	76
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5			Octanoic acid	144	C8H16O2	000124-07-2	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144362.D
Acq On : 26 Nov 2025 15:41
Operator : RC/JU
Sample : Q3604-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-2

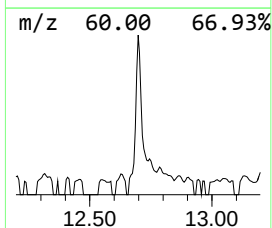
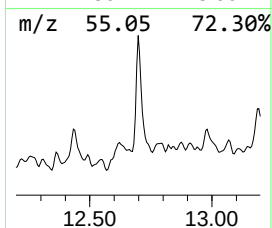
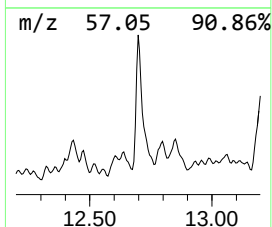
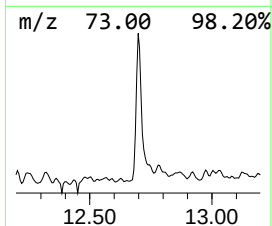
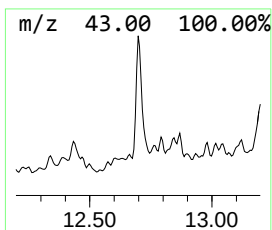
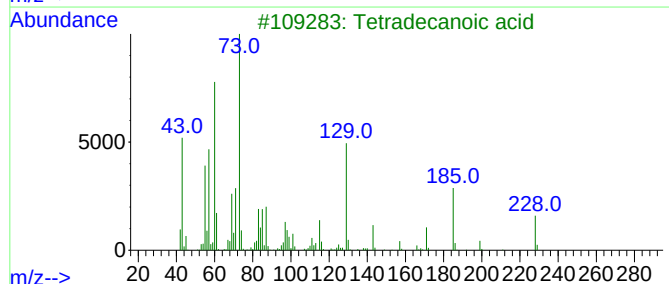
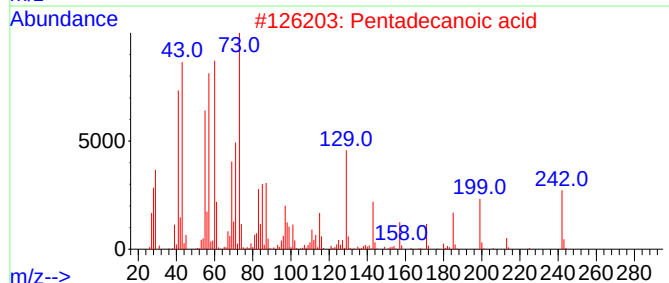
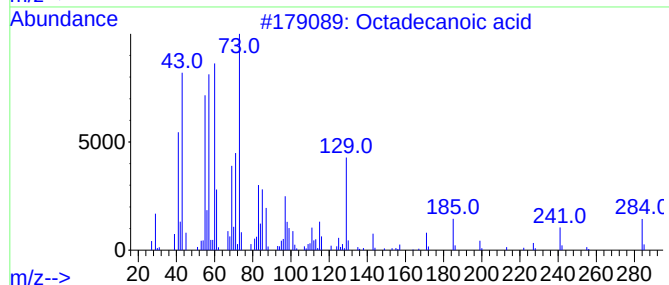
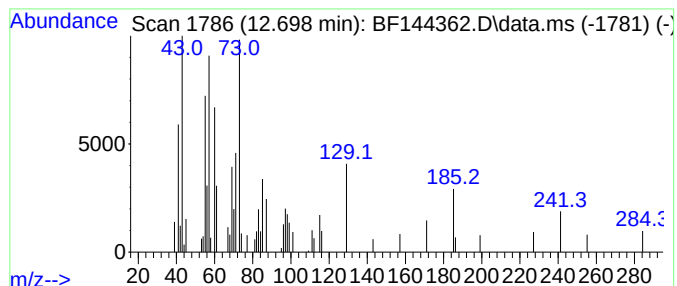
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.698	2.39 ng	48981	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	93
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	80
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	59
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	43
5			Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NO5	029926-41-8	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144362.D
Acq On : 26 Nov 2025 15:41
Operator : RC/JU
Sample : Q3604-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-2

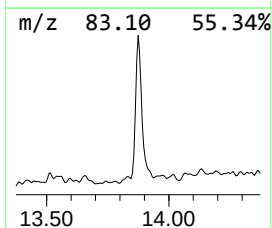
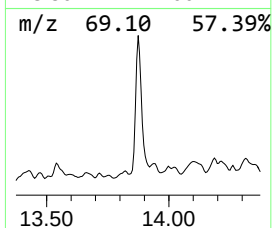
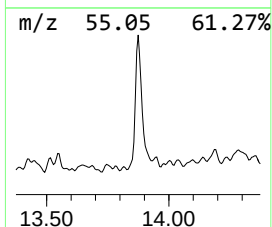
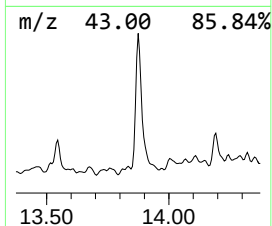
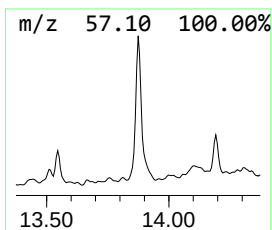
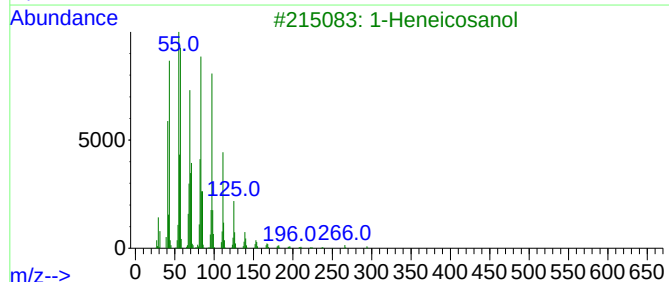
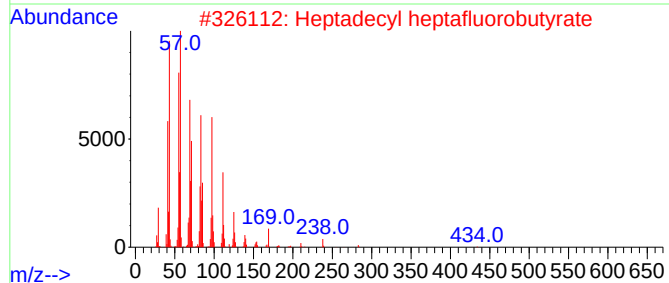
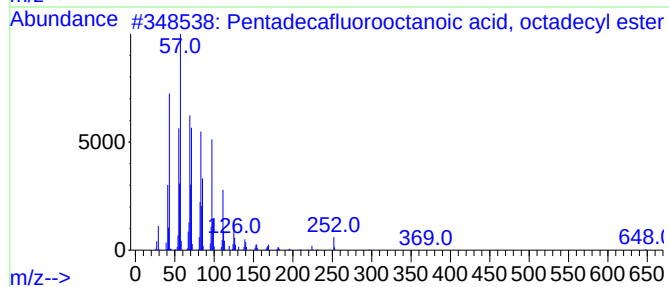
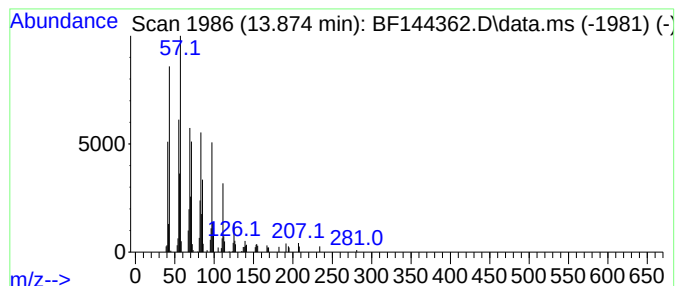
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Pentadecafluorooctanoic aci... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.874	6.26 ng	109577	Chrysene-d12	14.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	95
2			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3			1-Heneicosanol	312	C21H44O	015594-90-8	93
4			Octacosyl heptafluorobutyrate	606	C32H57F7O2	1010351-83-6	91
5			Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144362.D
Acq On : 26 Nov 2025 15:41
Operator : RC/JU
Sample : Q3604-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzophenone	10.616	6.4	ng	149530	3	9.898	465026	20.0
n-Hexadecanoic ...	11.910	9.9	ng	203726	4	11.392	410044	20.0
Octadecanoic acid	12.698	2.4	ng	48981	4	11.392	410044	20.0
Pentadecafluoro...	13.874	6.3	ng	109577	5	14.039	349863	20.0



CALIBRATION SUMMARY



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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: AllianceContract: ROMA02Lab Code: ACESDG No.: Q3604Instrument ID: BNA_FCalibration Date(s): 11/05/2025 11/05/2025Calibration Time(s): 12:50 16:49

LAB FILE ID:		RRF2.5 = BF144169.D			RRF005 = BF144170.D		RRF010 = BF144171.D	
		RRF020 = BF144172.D			RRF040 = BF144173.D		RRF050 = BF144174.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.332	1.303	1.316	1.315	1.157	1.278	5.6
Benzaldehyde			1.033	0.917	0.816	0.672	0.818	17.0
Phenol-d6		1.566	1.518	1.511	1.460	1.281	1.448	7.1
Phenol		1.845	1.896	1.840	1.858	1.562	1.769	7.6
bis(2-Chloroethyl) ether		1.278	1.333	1.342	1.316	1.155	1.289	5.2
2-Chlorophenol		1.242	1.309	1.292	1.281	1.152	1.253	4.6
2-Methylphenol		1.031	1.054	1.007	1.033	0.895	0.997	5.4
2,2-oxybis(1-Chloropropane)		2.408	2.470	2.496	2.418	2.147	2.374	5.5
Acetophenone		0.479	0.464	0.434	0.434	0.380	0.429	8.3
3+4-Methylphenols			1.330	1.223	1.215	1.030	1.175	9.2
n-Nitroso-di-n-propylamine	0.998	1.010	1.023	0.996	0.950	0.813	0.953	7.4
Nitrobenzene-d5		0.343	0.352	0.349	0.360	0.321	0.346	4.1
Hexachloroethane		0.512	0.513	0.532	0.532	0.467	0.515	4.9
Nitrobenzene		0.370	0.390	0.376	0.388	0.342	0.376	4.9
Isophorone		0.659	0.668	0.669	0.673	0.581	0.655	5.1
2-Nitrophenol		0.167	0.187	0.191	0.197	0.174	0.186	6.5
2,4-Dimethylphenol		0.281	0.278	0.265	0.298	0.260	0.279	5.1
bis(2-Chloroethoxy) methane		0.426	0.417	0.412	0.423	0.372	0.409	5.0
2,4-Dichlorophenol		0.334	0.342	0.330	0.331	0.289	0.322	6.2
Naphthalene		1.019	1.008	0.982	0.969	0.850	0.951	6.7
4-Chloroaniline		0.358	0.364	0.355	0.362	0.309	0.347	6.1
Hexachlorobutadiene		0.256	0.250	0.252	0.259	0.232	0.249	4.0
Caprolactam			0.094	0.093	0.092	0.075	0.088	8.1
4-Chloro-3-methylphenol		0.283	0.307	0.304	0.297	0.259	0.288	5.8
2-Methylnaphthalene		0.702	0.672	0.665	0.647	0.559	0.636	8.0
Hexachlorocyclopentadiene			0.121	0.142	0.200	0.204	0.195	27.8
2,4,6-Trichlorophenol		0.440	0.449	0.449	0.456	0.409	0.446	5.5
2-Fluorobiphenyl		1.598	1.428	1.361	1.350	1.177	1.354	10.7
2,4,5-Trichlorophenol		0.497	0.489	0.497	0.489	0.438	0.481	5.1
1,1-Biphenyl		1.535	1.446	1.425	1.408	1.239	1.396	7.5
2-Chloronaphthalene		1.303	1.216	1.206	1.204	1.068	1.191	7.1
2-Nitroaniline		0.302	0.347	0.349	0.361	0.326	0.344	6.8
Dimethylphthalate		1.437	1.343	1.359	1.345	1.168	1.325	6.7
Acenaphthylene		1.727	1.686	1.677	1.645	1.440	1.623	6.6

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: AllianceContract: ROMA02Lab Code: ACESDG No.: Q3604Instrument ID: BNA_FCalibration Date(s): 11/05/2025 11/05/2025Calibration Time(s): 12:50 16:49

LAB FILE ID:		RRF2.5 = BF144169.D			RRF005 = BF144170.D		RRF010 = BF144171.D	
		RRF020 = BF144172.D			RRF040 = BF144173.D		RRF050 = BF144174.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2,6-Dinitrotoluene		0.251	0.271	0.271	0.276	0.252	0.268	5.2
3-Nitroaniline		0.271	0.301	0.302	0.315	0.264	0.293	7.1
Acenaphthene		1.138	1.162	1.120	1.096	0.956	1.085	6.9
2,4-Dinitrophenol			0.202	0.166	0.140	0.133	0.162	15.0
4-Nitrophenol			0.273	0.202	0.204	0.185	0.212	14.6
Dibenzofuran		1.644	1.600	1.586	1.551	1.337	1.520	8.0
2,4-Dinitrotoluene		0.322	0.377	0.372	0.385	0.328	0.359	7.1
Diethylphthalate		1.294	1.273	1.254	1.254	1.075	1.221	6.3
4-Chlorophenyl-phenylether		0.711	0.701	0.678	0.685	0.570	0.658	7.9
Fluorene		1.295	1.223	1.197	1.180	0.997	1.156	8.9
4-Nitroaniline		0.273	0.290	0.293	0.288	0.254	0.279	5.1
4,6-Dinitro-2-methylphenol			0.147	0.138	0.130	0.120	0.136	7.0
n-Nitrosodiphenylamine		0.695	0.676	0.635	0.646	0.577	0.643	6.1
2,4,6-Tribromophenol		0.242	0.257	0.257	0.265	0.227	0.251	5.3
4-Bromophenyl-phenylether		0.264	0.260	0.255	0.263	0.228	0.255	5.2
Hexachlorobenzene		0.306	0.306	0.305	0.300	0.273	0.301	4.7
Atrazine		0.215	0.211	0.215	0.206	0.180	0.205	6.3
Pentachlorophenol			0.135	0.144	0.156	0.137	0.150	8.8
Phenanthrene		1.103	1.042	0.986	1.009	0.892	0.996	6.9
Anthracene		1.120	1.059	1.027	1.022	0.897	1.013	7.4
Carbazole		0.938	0.917	0.882	0.878	0.762	0.861	7.4
Di-n-butylphthalate		1.075	1.101	1.077	1.070	0.917	1.041	6.3
Fluoranthene		1.117	1.066	1.053	1.054	0.910	1.029	6.8
Pyrene		1.763	1.745	1.631	1.704	1.372	1.613	8.8
Terphenyl-d14		1.403	1.415	1.274	1.317	1.042	1.259	10.7
Butylbenzylphthalate		0.565	0.590	0.550	0.590	0.499	0.559	5.6
3,3-Dichlorobenzidine			0.453	0.461	0.482	0.441	0.475	6.8
Benzo (a) anthracene		1.455	1.340	1.330	1.430	1.290	1.386	5.4
Chrysene		1.276	1.245	1.279	1.403	1.164	1.280	5.7
Bis (2-ethylhexyl) phthalate		0.773	0.739	0.755	0.816	0.705	0.765	4.9
Di-n-octyl phthalate			1.163	1.272	1.410	1.269	1.320	7.9
Benzo (b) fluoranthene		1.199	1.133	1.114	1.233	1.002	1.137	6.4
Benzo (k) fluoranthene		1.077	1.094	1.083	1.041	0.999	1.064	4.4
Benzo (a) pyrene		1.064	1.050	1.058	1.077	0.963	1.049	4.2
Indeno (1,2,3-cd) pyrene		1.450	1.411	1.447	1.485	1.311	1.436	4.6

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: AllianceContract: ROMA02Lab Code: ACESDG No.: Q3604Instrument ID: BNA_FCalibration Date(s): 11/05/2025 11/05/2025Calibration Time(s): 12:50 16:49

LAB FILE ID:		RRF2.5 = BF144169.D		RRF005 = BF144170.D		RRF010 = BF144171.D		
		RRF020 = BF144172.D		RRF040 = BF144173.D		RRF050 = BF144174.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Dibenzo(a,h)anthracene		1.155	1.155	1.175	1.198	1.040	1.153	4.8
Benzo(g,h,i)perylene		1.095	1.125	1.153	1.191	1.028	1.139	5.7
1,2,4,5-Tetrachlorobenzene		0.677	0.662	0.659	0.675	0.588	0.655	6.6
1,4-Dioxane		0.526	0.487	0.518	0.554	0.500	0.528	5.7
2,3,4,6-Tetrachlorophenol		0.308	0.347	0.336	0.358	0.316	0.340	6.6

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-BF110525.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Wed Nov 05 18:37:33 2025
 Response Via : Initial Calibration

Calibration Files

2.5 =BF144169.D 5 =BF144170.D 10 =BF144171.D 20 =BF144172.D 40 =BF144173.D 50 =BF144174.D 60 =BF144175.D 80 =BF144176.D

	Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane		0.526	0.487	0.518	0.554	0.500	0.573	0.540	0.528	5.68
3)	Pyridine		1.374	1.406	1.491	1.520	1.378	1.607	1.543	1.474	6.12
4)	n-Nitrosodimet...			0.719	0.726	0.775	0.723	0.868	0.810	0.770	7.79
5) S	2-Fluorophenol		1.332	1.303	1.316	1.315	1.157	1.330	1.193	1.278	5.62
6)	Aniline		2.194	2.169	2.114	2.067	1.841	2.139	1.920	2.063	6.46
7) S	Phenol-d6		1.566	1.518	1.511	1.460	1.281	1.461	1.339	1.448	7.08
8)	2-Chlorophenol		1.242	1.309	1.292	1.281	1.152	1.293	1.204	1.253	4.59
9)	Benzaldehyde			1.033	0.917	0.816	0.672	0.786	0.683	0.818	16.99
10) C	Phenol		1.845	1.896	1.840	1.858	1.562	1.790	1.594	1.769	7.60
11)	bis(2-Chloroet...		1.278	1.333	1.342	1.316	1.155	1.341	1.259	1.289	5.22
12)	1,3-Dichlorobe...		1.677	1.573	1.583	1.541	1.397	1.586	1.468	1.547	5.86
13) C	1,4-Dichlorobe...		1.669	1.563	1.583	1.591	1.372	1.604	1.464	1.549	6.40
14)	1,2-Dichlorobe...		1.651	1.510	1.488	1.485	1.325	1.533	1.404	1.485	6.88
15)	Benzyl Alcohol			1.140	1.188	1.161	1.050	1.197	1.145	1.147	4.61
16)	2,2'-oxybis(1-...		2.408	2.470	2.496	2.418	2.147	2.442	2.238	2.374	5.50
17)	2-Methylphenol		1.031	1.054	1.007	1.033	0.895	1.002	0.958	0.997	5.44
18)	Hexachloroethane		0.512	0.513	0.532	0.532	0.467	0.543	0.504	0.515	4.90
19) P	n-Nitroso-di-n...	0.998	1.010	1.023	0.996	0.950	0.813	0.937	0.900	0.953	7.38
20)	3+4-Methylphenols			1.330	1.223	1.215	1.030	1.175	1.080	1.175	9.16
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone		0.479	0.464	0.434	0.434	0.380	0.421	0.391	0.429	8.34
23) S	Nitrobenzene-d5		0.343	0.352	0.349	0.360	0.321	0.361	0.338	0.346	4.07
24)	Nitrobenzene		0.370	0.390	0.376	0.388	0.342	0.398	0.368	0.376	4.90
25)	Isophorone		0.659	0.668	0.669	0.673	0.581	0.675	0.659	0.655	5.05
26) C	2-Nitrophenol		0.167	0.187	0.191	0.197	0.174	0.200	0.186	0.186	6.47
27)	2,4-Dimethylph...		0.281	0.278	0.265	0.298	0.260	0.295	0.275	0.279	5.08
28)	bis(2-Chloroet...		0.426	0.417	0.412	0.423	0.372	0.423	0.390	0.409	5.02
29) C	2,4-Dichloroph...		0.334	0.342	0.330	0.331	0.289	0.326	0.297	0.322	6.20
30)	1,2,4-Trichlor...		0.350	0.349	0.332	0.337	0.296	0.335	0.312	0.330	5.96
31)	Naphthalene		1.019	1.008	0.982	0.969	0.850	0.952	0.880	0.951	6.71
32)	Benzoic acid			0.268	0.220	0.180	0.165	0.190	0.204	0.204	17.90
33)	4-Chloroaniline		0.358	0.364	0.355	0.362	0.309	0.355	0.326	0.347	6.07
34) C	Hexachlorobuta...		0.256	0.250	0.252	0.259	0.232	0.254	0.238	0.249	4.03
35)	Caprolactam			0.094	0.093	0.092	0.075	0.087	0.088	0.088	8.10
36) C	4-Chloro-3-met...		0.283	0.307	0.304	0.297	0.259	0.290	0.277	0.288	5.77
37)	2-Methylnaphth...		0.702	0.672	0.665	0.647	0.559	0.623	0.583	0.636	7.98
38)	1-Methylnaphth...		0.667	0.681	0.632	0.620	0.536	0.600	0.561	0.614	8.61

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF110525.M

39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.677	0.662	0.659	0.675	0.588	0.716	0.611	0.655	6.57
41) P	Hexachlorocycl...	0.121	0.142	0.200	0.204	0.253	0.248	0.195		27.78
42) S	2,4,6-Tribromo...	0.242	0.257	0.257	0.265	0.227	0.261	0.249	0.251	5.27
43) C	2,4,6-Trichlor...	0.440	0.449	0.449	0.456	0.409	0.489	0.431	0.446	5.49
44)	2,4,5-Trichlor...	0.497	0.489	0.497	0.489	0.438	0.502	0.456	0.481	5.05
45) S	2-Fluorobiphenyl	1.598	1.428	1.361	1.350	1.177	1.381	1.183	1.354	10.72
46)	1,1'-Biphenyl	1.535	1.446	1.425	1.408	1.239	1.450	1.270	1.396	7.52
47)	2-Chloronaphth...	1.303	1.216	1.206	1.204	1.068	1.252	1.087	1.191	7.12
48)	2-Nitroaniline	0.302	0.347	0.349	0.361	0.326	0.374	0.345	0.344	6.84
49)	Acenaphthylene	1.727	1.686	1.677	1.645	1.440	1.678	1.506	1.623	6.57
50)	Dimethylphthalate	1.437	1.343	1.359	1.345	1.168	1.375	1.247	1.325	6.71
51)	2,6-Dinitrotol...	0.251	0.271	0.271	0.276	0.252	0.290	0.266	0.268	5.16
52) C	Acenaphthene	1.138	1.162	1.120	1.096	0.956	1.117	1.007	1.085	6.90
53)	3-Nitroaniline	0.271	0.301	0.302	0.315	0.264	0.316	0.283	0.293	7.07
54) P	2,4-Dinitrophenol	0.202	0.166	0.140	0.133	0.168	0.164	0.162		14.99
55)	Dibenzofuran	1.644	1.600	1.586	1.551	1.337	1.562	1.359	1.520	7.99
56) P	4-Nitrophenol	0.273	0.202	0.204	0.185	0.211	0.198	0.212		14.64
57)	2,4-Dinitrotol...	0.322	0.377	0.372	0.385	0.328	0.377	0.353	0.359	7.07
58)	Fluorene	1.295	1.223	1.197	1.180	0.997	1.149	1.048	1.156	8.88
59)	2,3,4,6-Tetrac...	0.308	0.347	0.336	0.358	0.316	0.372	0.345	0.340	6.58
60)	Diethylphthalate	1.294	1.273	1.254	1.254	1.075	1.237	1.163	1.221	6.27
61)	4-Chlorophenyl...	0.711	0.701	0.678	0.685	0.570	0.659	0.605	0.658	7.92
62)	4-Nitroaniline	0.273	0.290	0.293	0.288	0.254	0.288	0.268	0.279	5.10
63)	Azobenzene	1.157	1.203	1.145	1.164	0.995	1.197	1.096	1.137	6.33
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...	0.147	0.138	0.130	0.120	0.142	0.138	0.136		6.99
66) c	n-Nitrosodiphe...	0.695	0.676	0.635	0.646	0.577	0.660	0.614	0.643	6.12
67)	4-Bromophenyl-...	0.264	0.260	0.255	0.263	0.228	0.266	0.252	0.255	5.18
68)	Hexachlorobenzene	0.306	0.306	0.305	0.300	0.273	0.319	0.296	0.301	4.74
69)	Atrazine	0.215	0.211	0.215	0.206	0.180	0.210	0.196	0.205	6.26
70) C	Pentachlorophenol	0.135	0.144	0.156	0.137	0.162	0.165	0.150		8.76
71)	Phenanthrene	1.103	1.042	0.986	1.009	0.892	1.003	0.937	0.996	6.87
72)	Anthracene	1.120	1.059	1.027	1.022	0.897	1.027	0.936	1.013	7.37
73)	Carbazole	0.938	0.917	0.882	0.878	0.762	0.854	0.794	0.861	7.36
74)	Di-n-butylphth...	1.075	1.101	1.077	1.070	0.917	1.059	0.986	1.041	6.27
75) C	Fluoranthene	1.117	1.066	1.053	1.054	0.910	1.043	0.958	1.029	6.84
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzidine	0.707	0.519	0.624	0.512	0.635	0.553	0.592		12.98
78)	Pyrene	1.763	1.745	1.631	1.704	1.372	1.569	1.504	1.613	8.79
79) S	Terphenyl-d14	1.403	1.415	1.274	1.317	1.042	1.208	1.155	1.259	10.71
80)	Butylbenzylpht...	0.565	0.590	0.550	0.590	0.499	0.570	0.549	0.559	5.60
81)	Butzo(a)anthra...	1.455	1.340	1.330	1.430	1.290	1.493	1.366	1.386	5.37
82)	3,3'-Dichlorob...	0.453	0.461	0.482	0.441	0.532	0.481	0.475		6.77
83)	Chrysene	1.276	1.245	1.279	1.403	1.164	1.326	1.263	1.280	5.72
84)	Bis(2-ethylhex...	0.773	0.739	0.755	0.816	0.705	0.803	0.764	0.765	4.92
85) c	Di-n-octyl pht...	1.163	1.272	1.410	1.269	1.442	1.364	1.320		7.91

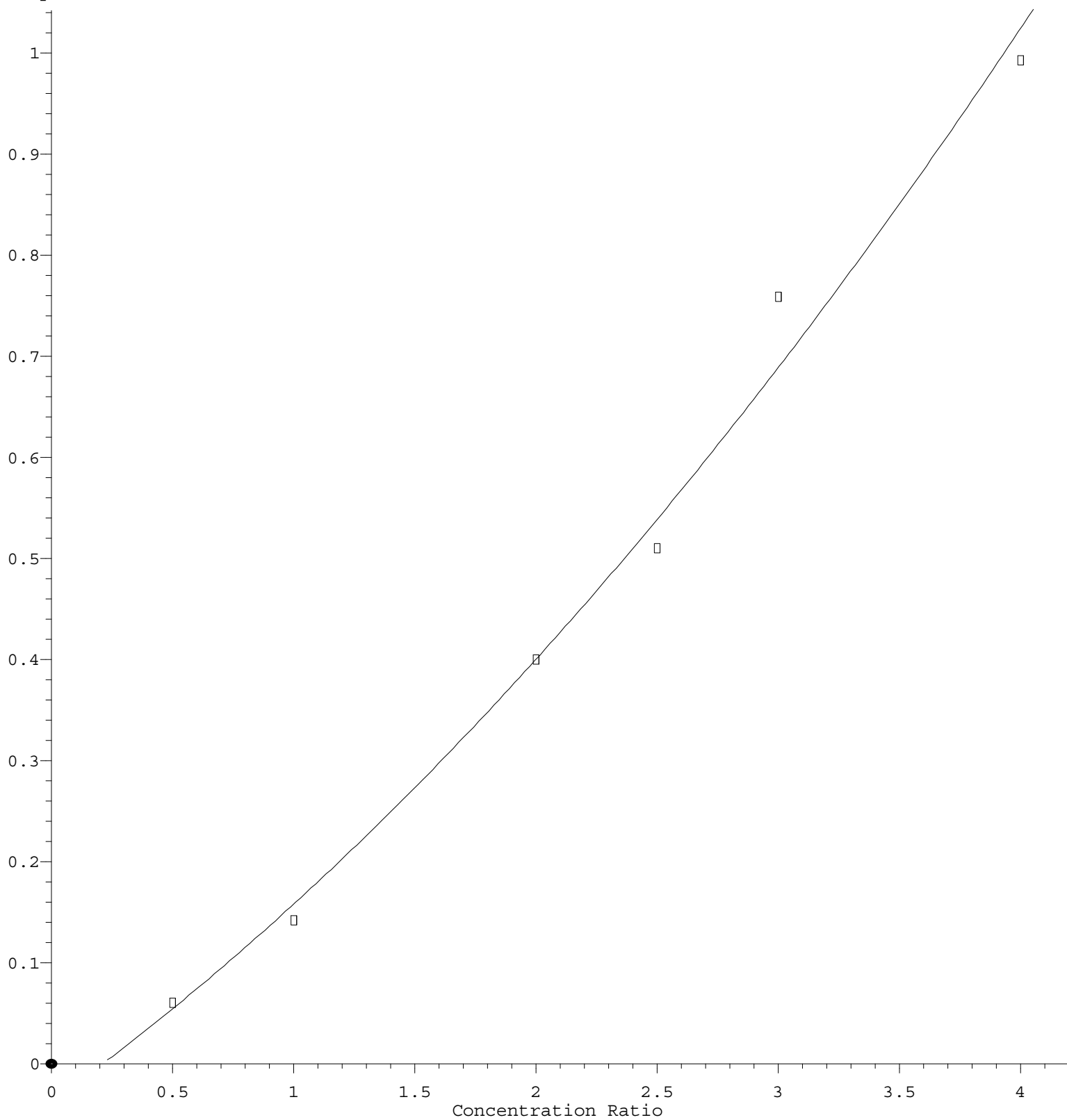
Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF110525.M

		-----ISTD-----	
86) I	Perylene-d12		
87)	Indeno(1,2,3-c...	1.450 1.411 1.447 1.485 1.311 1.521 1.425 1.436	4.62
88)	Benzo(b)fluora...	1.199 1.133 1.114 1.233 1.002 1.134 1.143 1.137	6.40
89)	Benzo(k)fluora...	1.077 1.094 1.083 1.041 0.999 1.134 1.021 1.064	4.36
90) C	Benzo(a)pyrene	1.064 1.050 1.058 1.077 0.963 1.103 1.029 1.049	4.23
91)	Dibenzo(a,h)an...	1.155 1.155 1.175 1.198 1.040 1.209 1.138 1.153	4.85
92)	Benzo(g,h,i)pe...	1.095 1.125 1.153 1.191 1.028 1.228 1.150 1.139	5.70

(#) = Out of Range

Hexachlorocyclopentadiene

Response Ratio



$R = 2.331e-002 A^2 + 1.722e-001 A - 3.751e-002$
Coef of Det (r^2) = 0.992660 Curve Fit: Quadratic w(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF110525.M
Calibration Table Last Updated: Wed Nov 05 18:37:33 2025

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144169.D
 Acq On : 05 Nov 2025 12:50
 Operator : RC/JU
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Quant Time: Nov 05 17:42:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

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

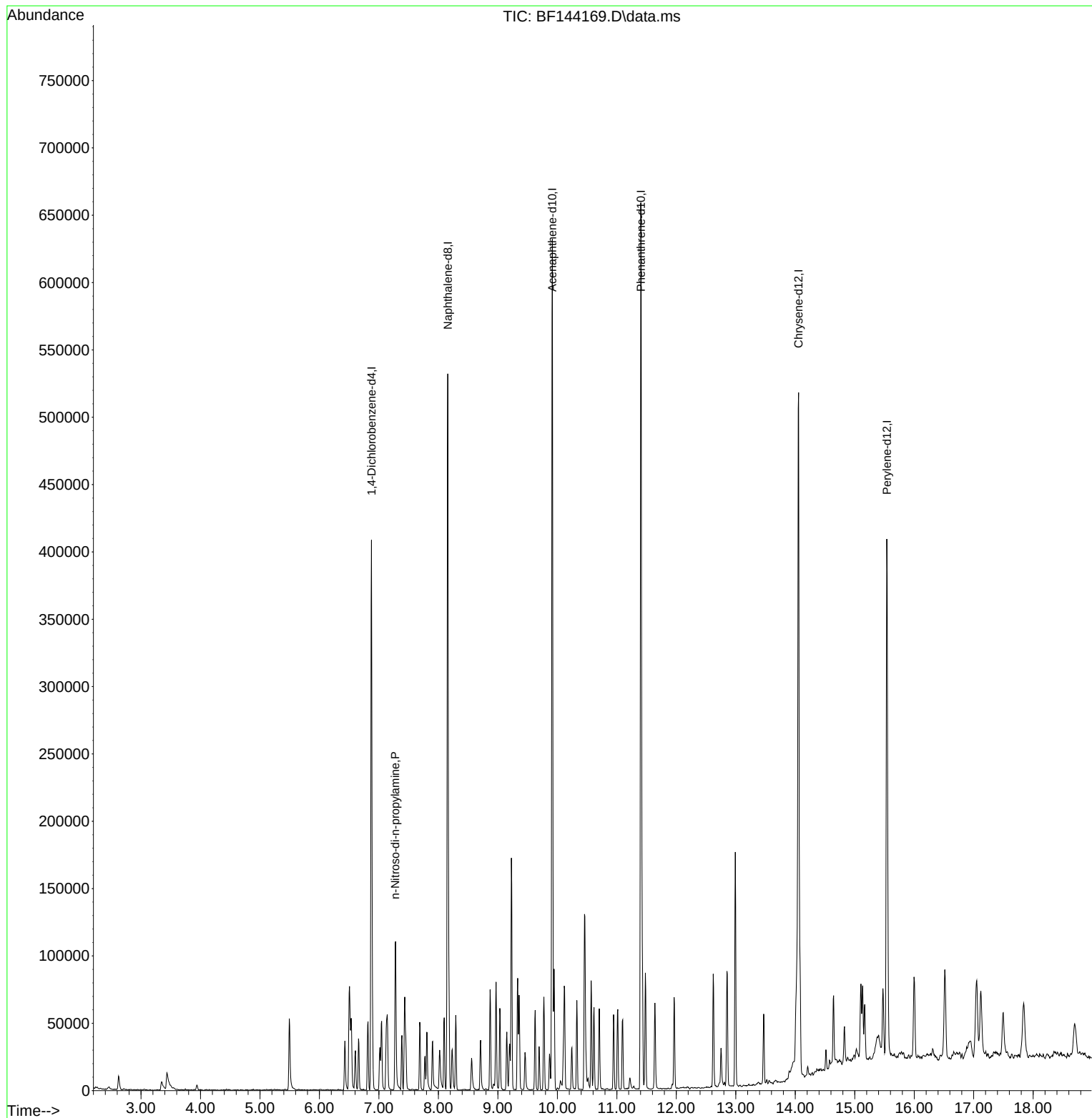
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	85230	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	335743	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	195513	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	365872	20.000	ng	0.00
76) Chrysene-d12	14.057	240	241412	20.000	ng	0.00
86) Perylene-d12	15.539	264	241479	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	10629	2.616	ng	# 98

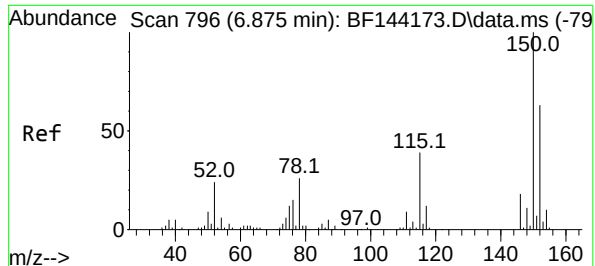
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144169.D
Acq On : 05 Nov 2025 12:50
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

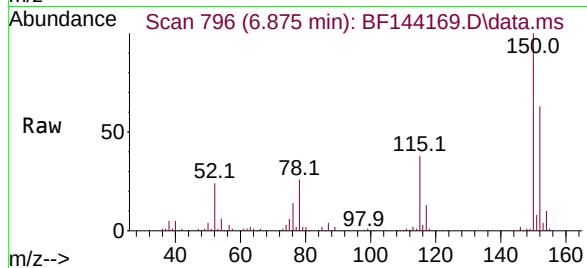
Quant Time: Nov 05 17:42:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration



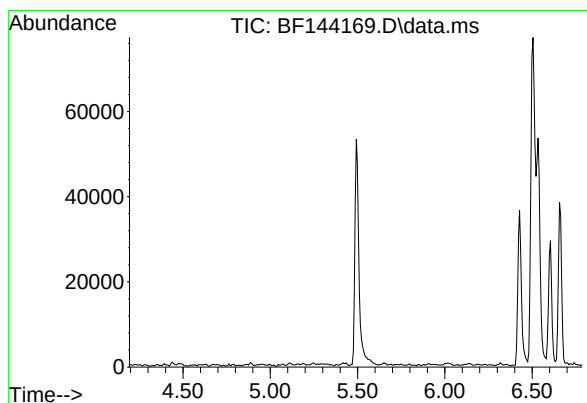
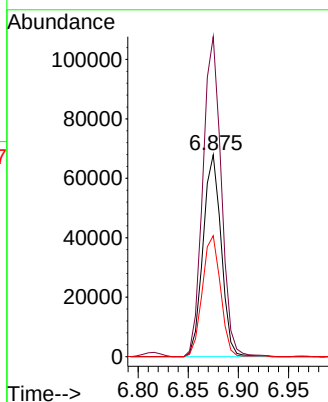
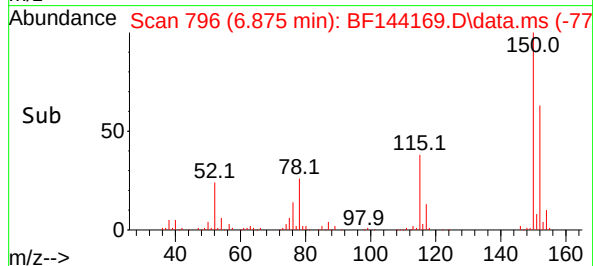


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144169.D
Acq: 05 Nov 2025 12:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5



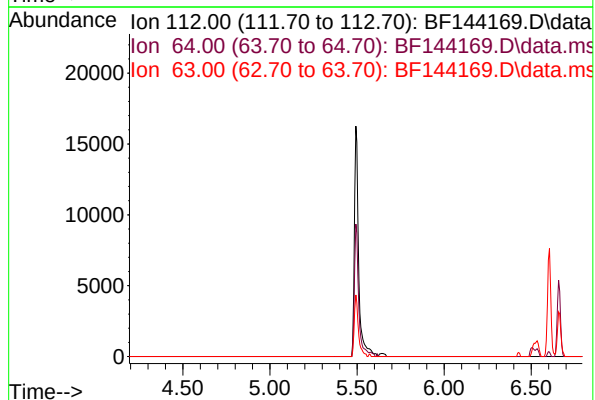
Tgt Ion:152 Resp: 85230
Ion Ratio Lower Upper
152 100
150 158.5 127.4 191.0
115 59.9 49.5 74.3

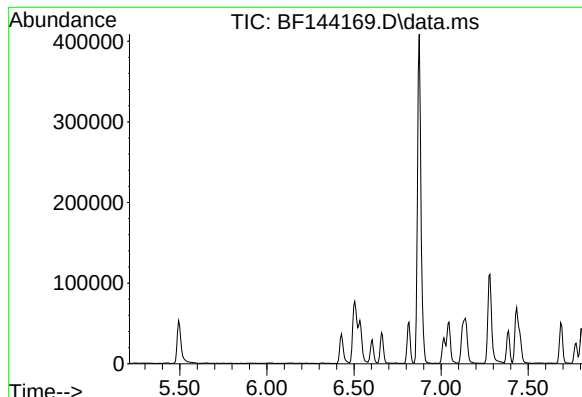


#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.49 min

Lab File: BF144169.D
Acq: 05 Nov 2025 12:50

Tgt Ion: 112
Sig Exp Ratio
112 100
64 59.0
63 30.5



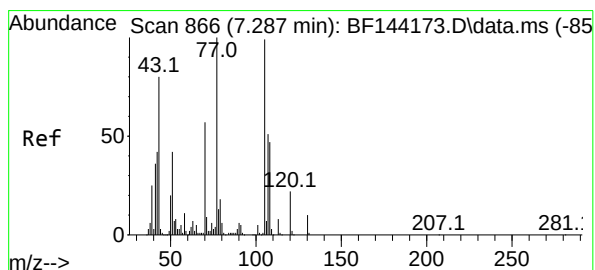
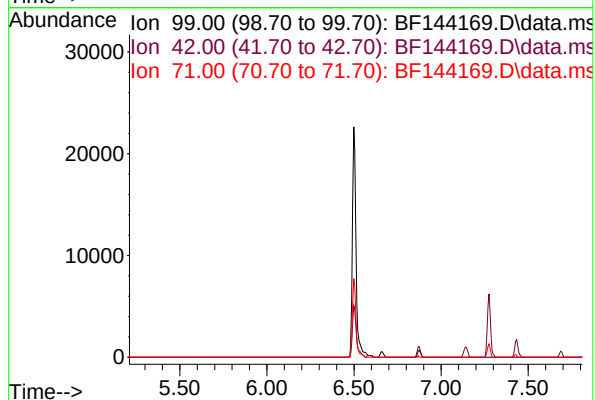


#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.51 min

Lab File: BF144169.D
Acq: 05 Nov 2025 12:50

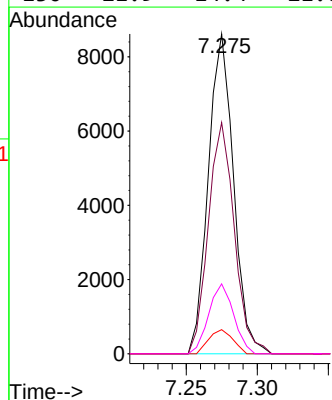
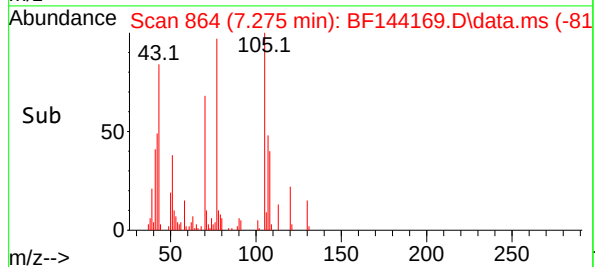
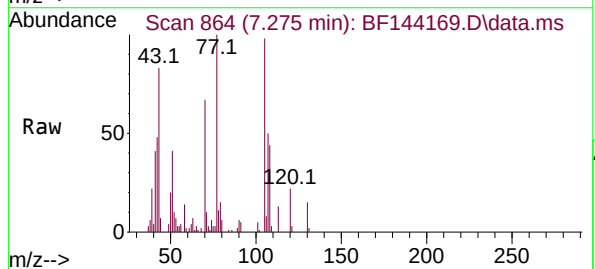
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

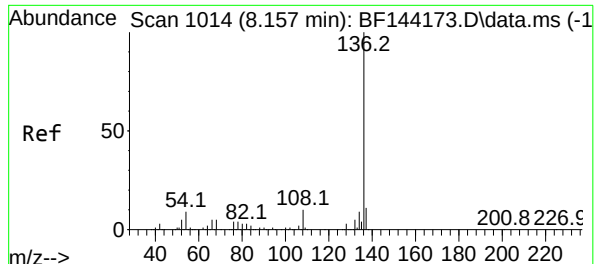
Tgt Ion: 99
Sig Exp Ratio
99 100
42 26.1
71 39.3



#19
n-Nitroso-di-n-propylamine
Concen: 2.616 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.023 min
Lab File: BF144169.D
Acq: 05 Nov 2025 12:50

Tgt Ion: 70 Resp: 10629
Ion Ratio Lower Upper
70 100
42 72.3 58.3 87.5
101 7.6 7.0 10.6
130 21.9 14.4 21.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF144169.D

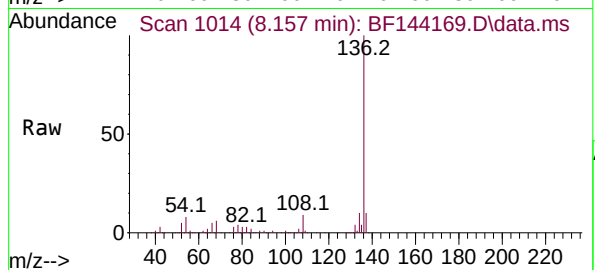
Acq: 05 Nov 2025 12:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



Tgt Ion:136 Resp: 335743

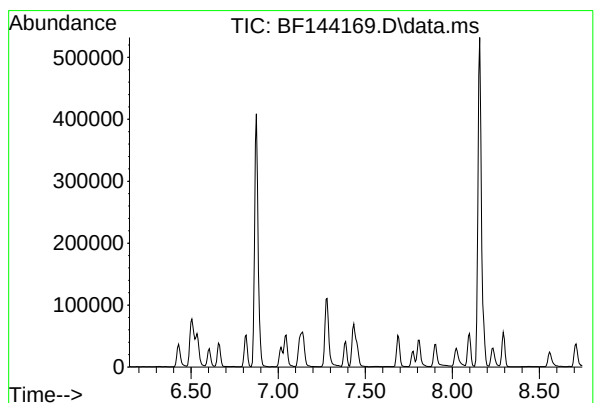
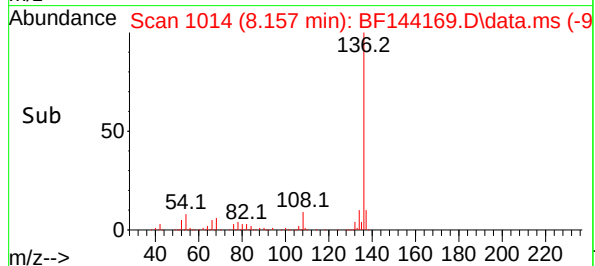
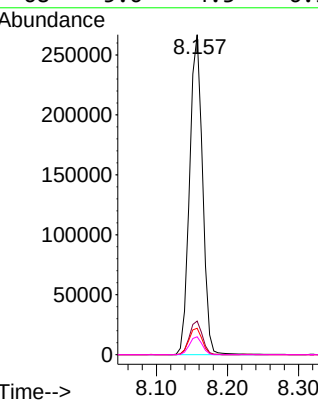
Ion Ratio Lower Upper

136 100

137 10.5 8.6 13.0

54 8.2 7.0 10.6

68 5.6 4.3 6.5



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 7.45 min

Lab File: BF144169.D

Acq: 05 Nov 2025 12:50

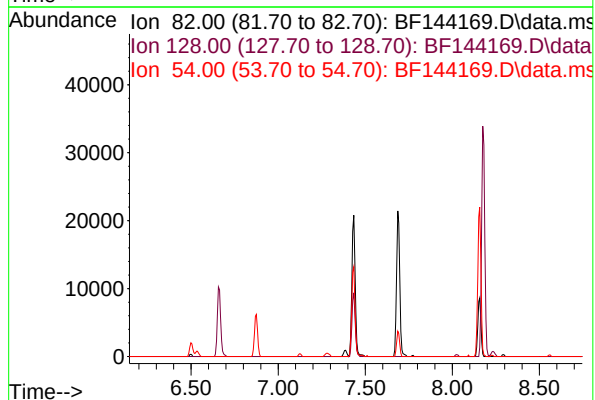
Tgt Ion: 82

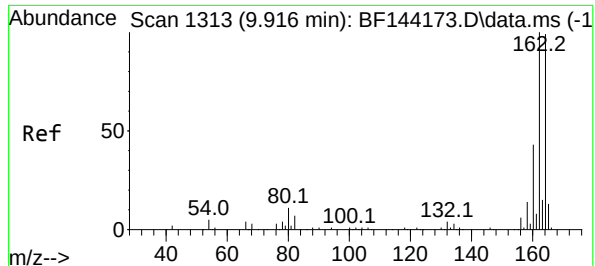
Sig Exp Ratio

82 100

128 43.4

54 61.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF144169.D

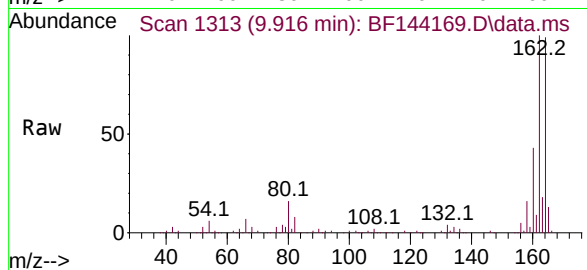
Acq: 05 Nov 2025 12:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



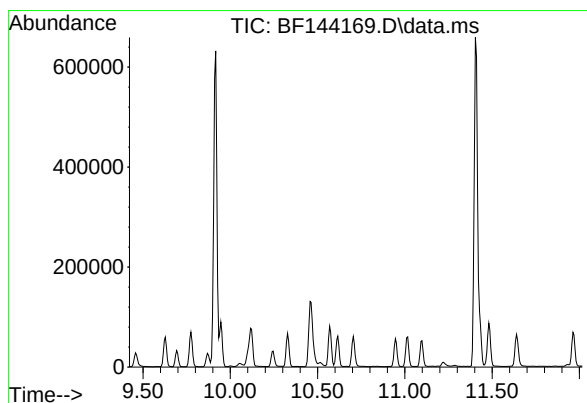
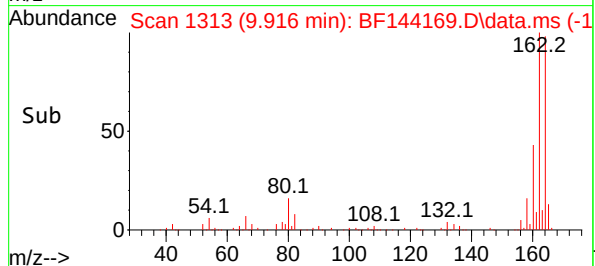
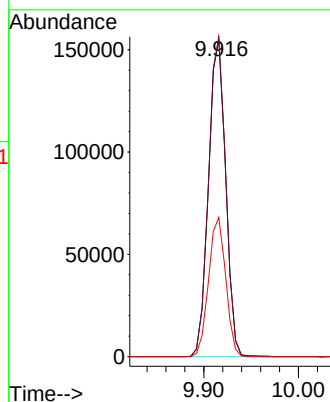
Tgt Ion:164 Resp: 195513

Ion Ratio Lower Upper

164 100

162 100.8 81.1 121.7

160 43.9 34.5 51.7



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.72 min

Lab File: BF144169.D

Acq: 05 Nov 2025 12:50

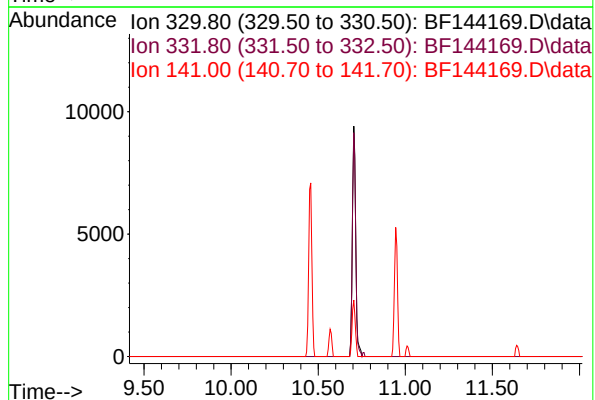
Tgt Ion: 330

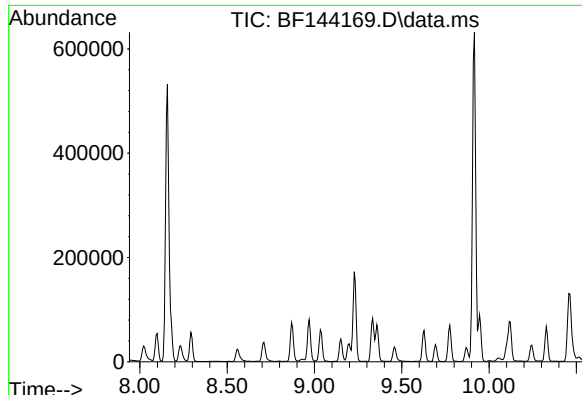
Sig Exp Ratio

330 100

332 95.9

141 22.3



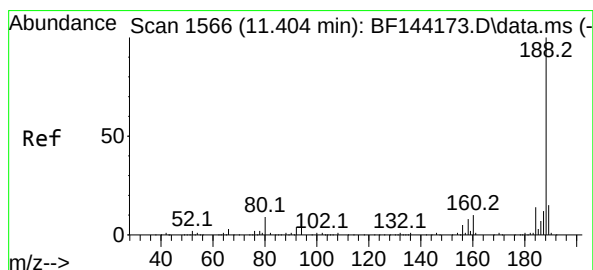
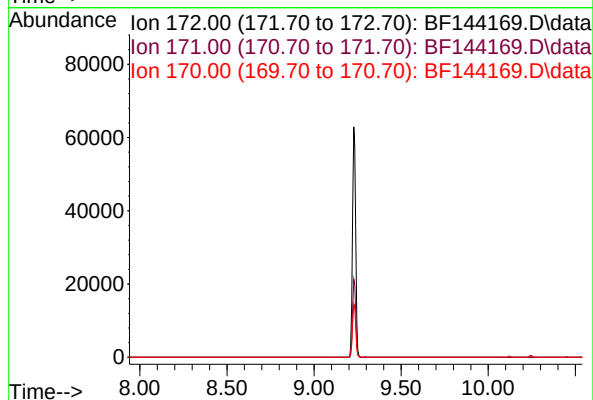


#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 9.24 min

Lab File: BF144169.D
Acq: 05 Nov 2025 12:50

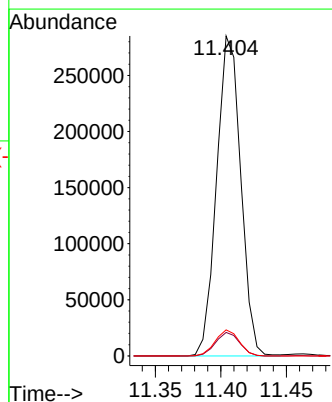
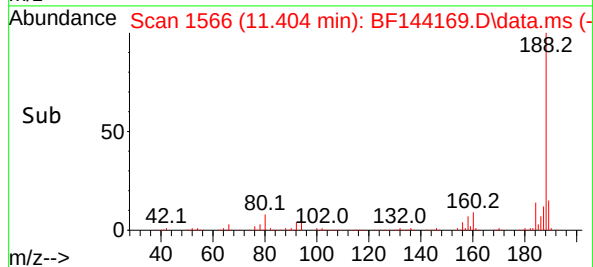
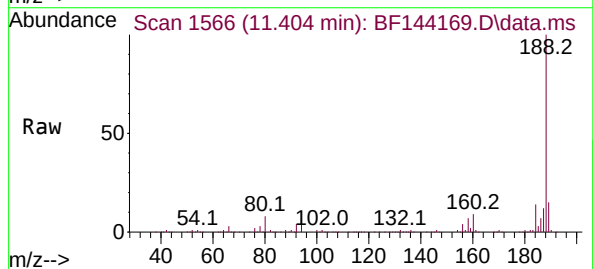
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

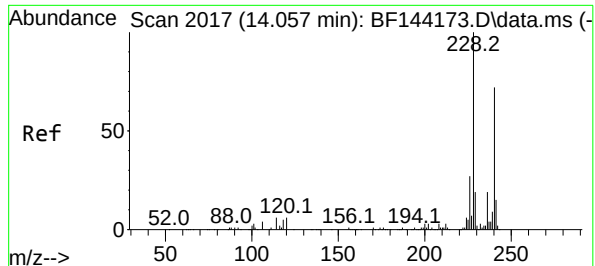
Tgt Ion: 172
Sig Exp Ratio
172 100
171 35.1
170 23.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF144169.D
Acq: 05 Nov 2025 12:50

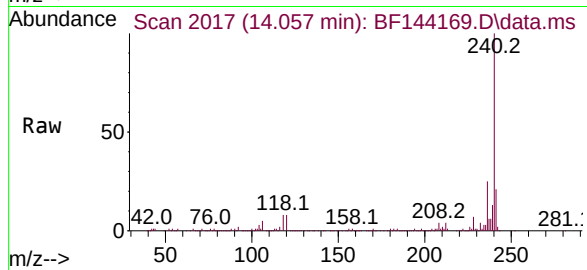
Tgt Ion: 188 Resp: 365872
Ion Ratio Lower Upper
188 100
94 7.3 6.2 9.2
80 8.2 6.9 10.3



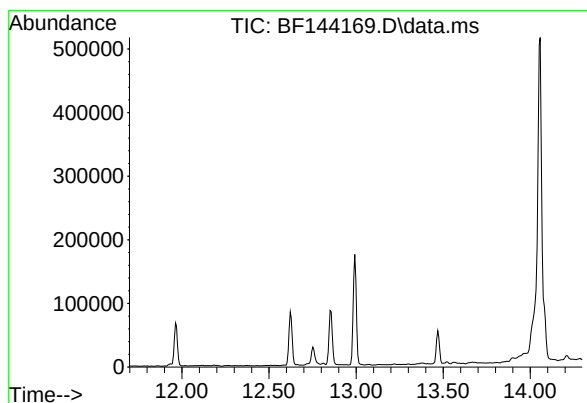
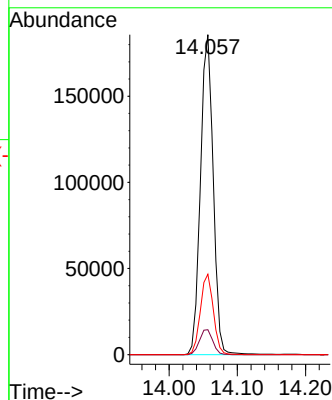
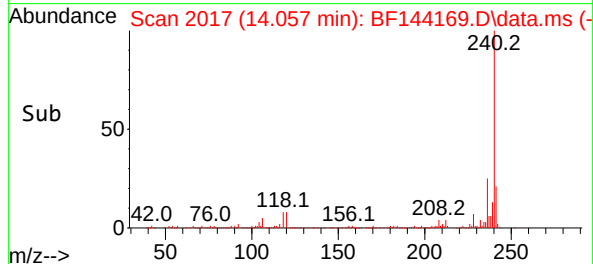


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF144169.D
Acq: 05 Nov 2025 12:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5



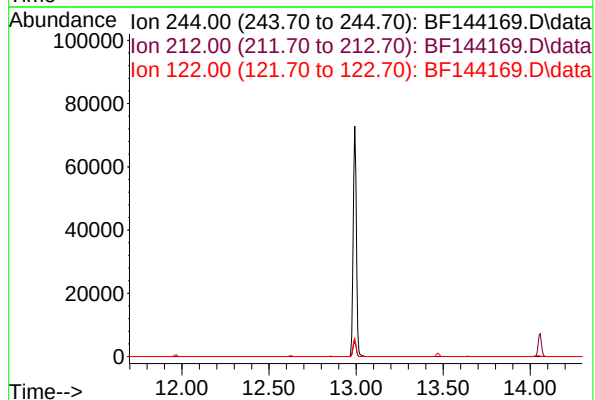
Tgt Ion:240 Resp: 241412
Ion Ratio Lower Upper
240 100
120 7.8 6.6 10.0
236 25.1 21.4 32.2

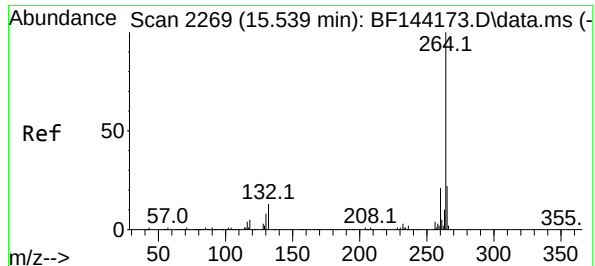


#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 13.00 min

Lab File: BF144169.D
Acq: 05 Nov 2025 12:50

Tgt Ion: 244
Sig Exp Ratio
244 100
212 6.6
122 7.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF144169.D

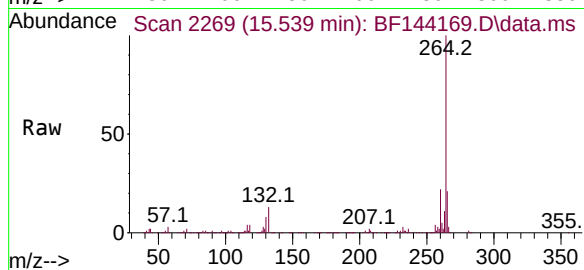
Acq: 05 Nov 2025 12:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



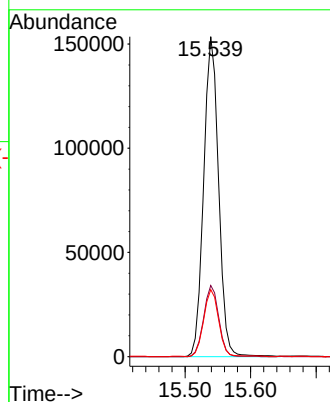
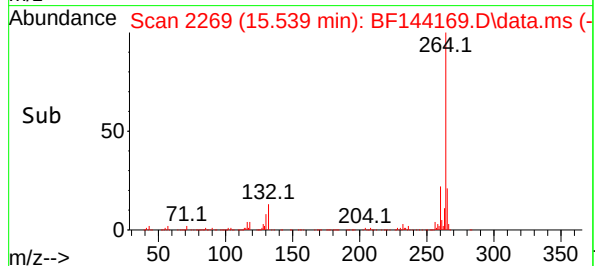
Tgt Ion:264 Resp: 241479

Ion Ratio Lower Upper

264 100

260 22.2 17.1 25.7

265 20.9 17.4 26.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144170.D
 Acq On : 05 Nov 2025 13:20
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/06/2025
 Supervised By :Jagrut Upadhyay 11/06/2025

Quant Time: Nov 05 17:23:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	85379	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	330889	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	188001	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	326565	20.000	ng	0.00
76) Chrysene-d12	14.051	240	215706	20.000	ng	-0.01
86) Perylene-d12	15.539	264	241361	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	56869	10.423	ng	0.00
7) Phenol-d6	6.498	99	66870	10.817	ng	-0.01
23) Nitrobenzene-d5	7.434	82	56744	9.904	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	22758	9.647	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	150248	11.803	ng	-0.01
79) Terphenyl-d14	12.992	244	151347	11.145	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.616	88	11227	4.977	ng	98
3) Pyridine	3.410	79	29321	4.659	ng	98
6) Aniline	6.534	93	46833	5.317	ng	97
8) 2-Chlorophenol	6.657	128	26502	4.953	ng	98
10) Phenol	6.510	94	39383	5.214	ng	97
11) bis(2-Chloroethyl)ether	6.604	93	27288	4.958	ng	99
12) 1,3-Dichlorobenzene	6.816	146	35799	5.422	ng	97
13) 1,4-Dichlorobenzene	6.893	146	35623	5.385	ng	99
14) 1,2-Dichlorobenzene	7.046	146	35243	5.559	ng	92
16) 2,2'-oxybis(1-Chloropr...	7.140	45	51408	5.072	ng	92
17) 2-Methylphenol	7.122	107	21999	5.168	ng	94
18) Hexachloroethane	7.387	117	10929	4.973	ng	92
19) n-Nitroso-di-n-propyla...	7.275	70	21555	5.296	ng	99
22) Acetophenone	7.281	105	39609	5.580	ng	97
24) Nitrobenzene	7.451	77	30574	4.915	ng	98
25) Isophorone	7.687	82	54487	5.028	ng	97
26) 2-Nitrophenol	7.775	139	13789	4.478	ng	97
27) 2,4-Dimethylphenol	7.804	122	23283	5.045	ng	96
28) bis(2-Chloroethoxy)met...	7.898	93	35235	5.207	ng	97
29) 2,4-Dichlorophenol	8.016	162	27603	5.189	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	28937	5.298	ng	91
31) Naphthalene	8.175	128	84320	5.357	ng	100
33) 4-Chloroaniline	8.228	127	29602	5.157	ng	99
34) Hexachlorobutadiene	8.292	225	21207	5.152	ng	97
36) 4-Chloro-3-methylphenol	8.704	107	23428	4.914	ng	95
37) 2-Methylnaphthalene	8.869	142	58087	5.520	ng	99
38) 1-Methylnaphthalene	8.969	142	55152	5.431	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	31823	5.165	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	20685	4.933	ng	99
44) 2,4,5-Trichlorophenol	9.192	196	23346	5.165	ng	99
46) 1,1'-Biphenyl	9.334	154	72127	5.496	ng	98
47) 2-Chloronaphthalene	9.357	162	61232	5.470	ng	98
48) 2-Nitroaniline	9.457	65	14208	4.399	ng	90
49) Acenaphthylene	9.775	152	81168	5.321	ng	100
50) Dimethylphthalate	9.628	163	67538	5.423	ng	97
51) 2,6-Dinitrotoluene	9.692	165	11809	4.684	ng	94

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144170.D
 Acq On : 05 Nov 2025 13:20
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/06/2025
 Supervised By :Jagrut Upadhyay 11/06/2025

Quant Time: Nov 05 17:23:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	9.945	154	53468	5.241	ng	96
53) 3-Nitroaniline	9.869	138	12750	4.626	ng	88
55) Dibenzofuran	10.116	168	77278	5.409	ng	98
57) 2,4-Dinitrotoluene	10.098	165	15136	4.485	ng #	93
58) Fluorene	10.463	166	60881	5.605	ng	94
59) 2,3,4,6-Tetrachlorophenol	10.239	232	14470	4.525	ng	96
60) Diethylphthalate	10.328	149	60815	5.297	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	33416	5.401	ng	97
62) 4-Nitroaniline	10.475	138	12847	4.895	ng	91
63) Azobenzene	10.616	77	54383	5.089	ng	93
66) n-Nitrosodiphenylamine	10.569	169	56733	5.401	ng	97
67) 4-Bromophenyl-phenylether	10.945	248	21547	5.169	ng	96
68) Hexachlorobenzene	11.010	284	24951	5.082	ng	99
69) Atrazine	11.098	200	17546	5.253	ng	93
71) Phenanthrene	11.428	178	90035	5.537	ng	99
72) Anthracene	11.481	178	91416	5.529	ng	99
73) Carbazole	11.639	167	76605	5.449	ng	97
74) Di-n-butylphthalate	11.963	149	87751	5.163	ng	100
75) Fluoranthene	12.622	202	91198	5.430	ng	97
78) Pyrene	12.851	202	95053	5.465	ng	98
80) Butylbenzylphthalate	13.469	149	30478	5.056	ng	92
81) Benzo(a)anthracene	14.045	228	78472	5.249	ng	96
83) Chrysene	14.080	228	68808	4.986	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	41706	5.054	ng	99
87) Indeno(1,2,3-cd)pyrene	17.033	276	87482	5.049	ng	98
88) Benzo(b)fluoranthene	15.098	252	72360m	5.273	ng	
89) Benzo(k)fluoranthene	15.127	252	64984	5.060	ng	99
90) Benzo(a)pyrene	15.474	252	64190	5.071	ng #	97
91) Dibenzo(a,h)anthracene	17.051	278	69714	5.010	ng	98
92) Benzo(g,h,i)perylene	17.492	276	66099	4.810	ng	97

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

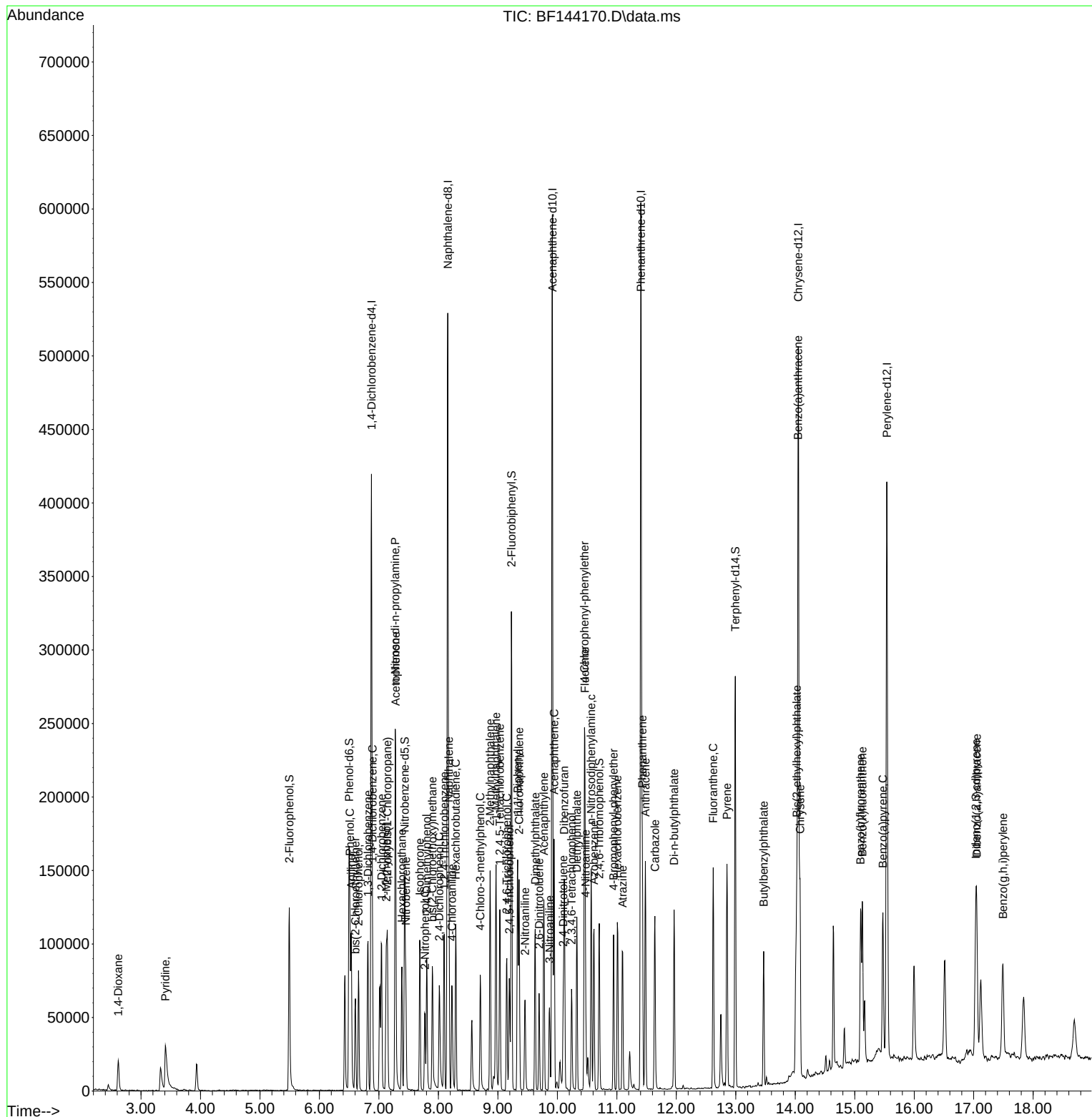
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Acq On : 05 Nov 2025 13:20
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

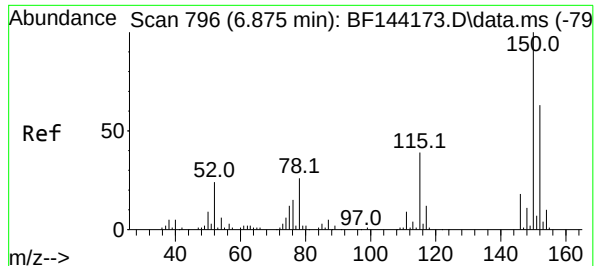
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

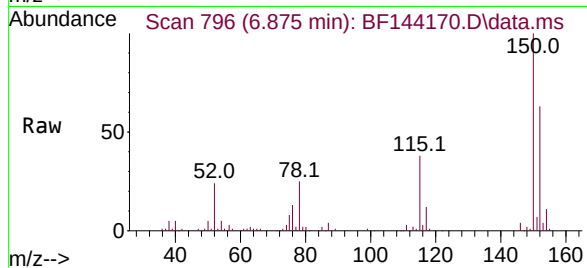
Quant Time: Nov 05 17:23:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

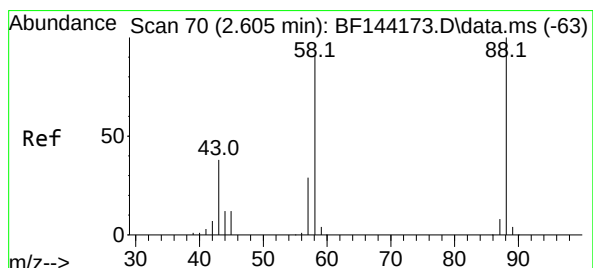
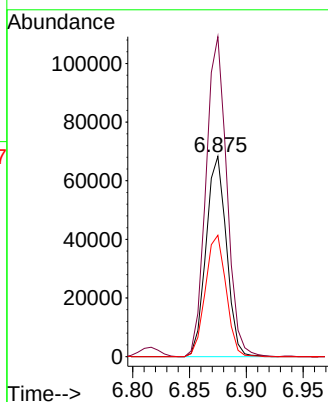
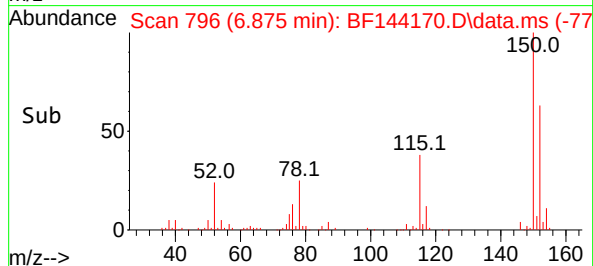
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:152 Resp: 85379
Ion Ratio Lower Upper
152 100
150 159.8 127.4 191.0
115 60.6 49.5 74.3

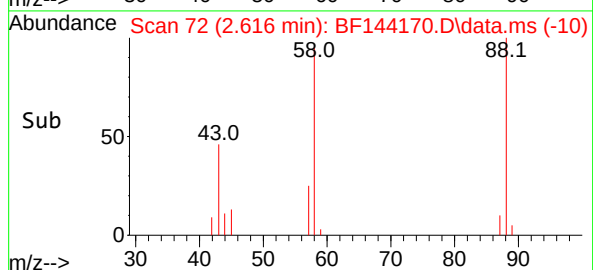
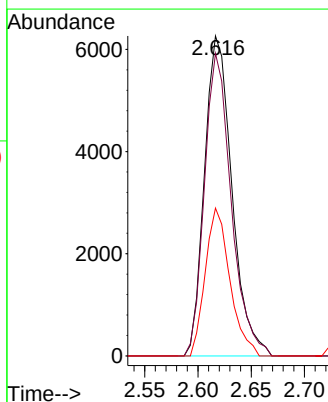
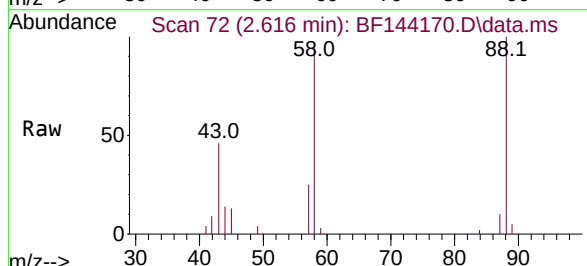
Manual Integrations
APPROVED

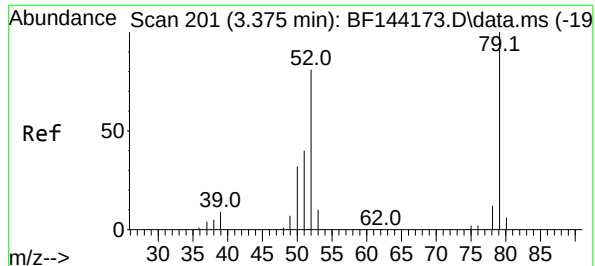
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#2
1,4-Dioxane
Concen: 4.977 ng
RT: 2.616 min Scan# 72
Delta R.T. 0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion: 88 Resp: 11227
Ion Ratio Lower Upper
88 100
58 92.4 73.1 109.7
43 41.5 31.0 46.6





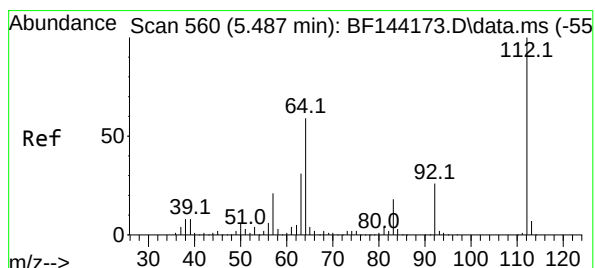
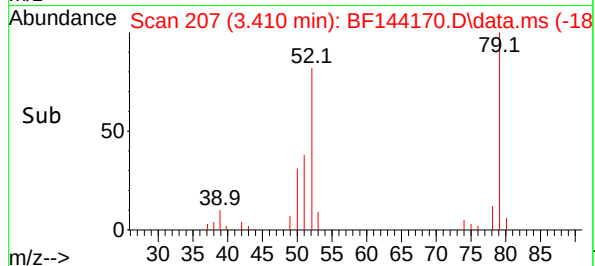
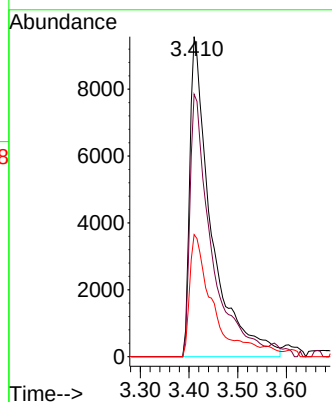
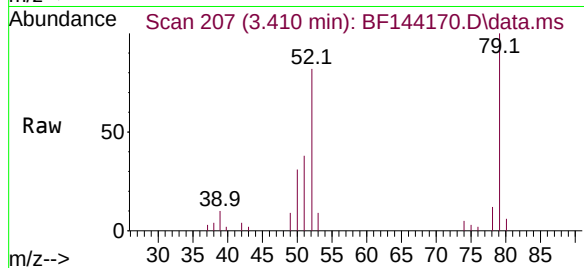
#3
Pyridine
Concen: 4.659 ng
RT: 3.410 min Scan# 201
Delta R.T. 0.035 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:	79	Resp:	2932
Ion Ratio	Lower	Upper	
79	100		
52	82.0	64.5	96.7
51	38.1	31.7	47.5

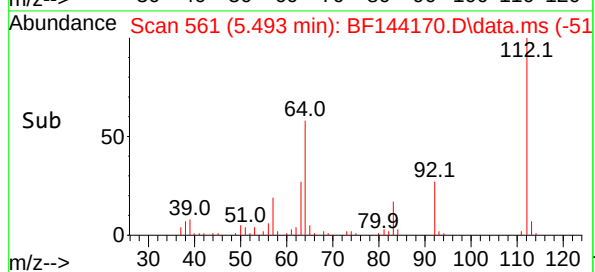
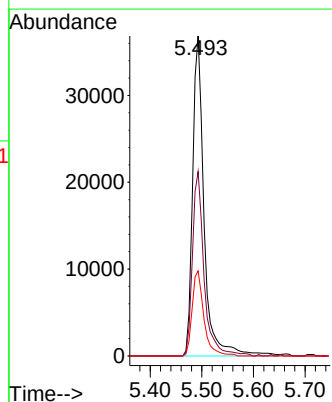
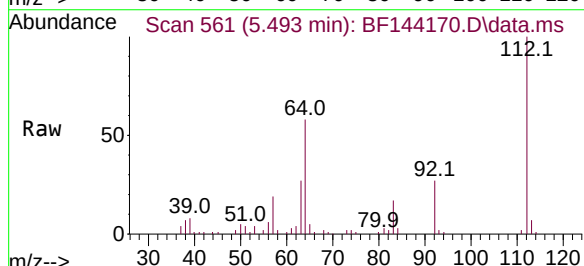
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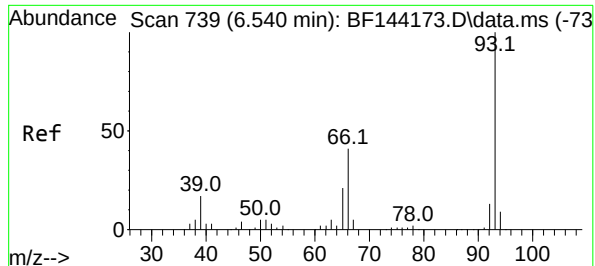
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#5
2-Fluorophenol
Concen: 10.423 ng
RT: 5.493 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:	112	Resp:	56869
Ion Ratio	Lower	Upper	
112	100		
64	57.6	47.2	70.8
63	26.6	24.4	36.6





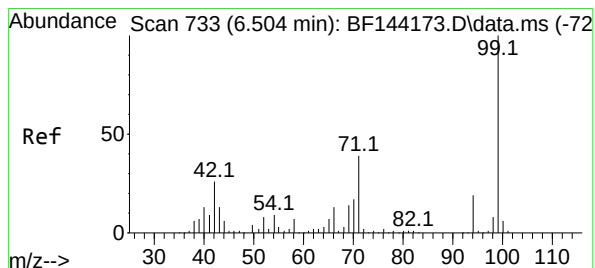
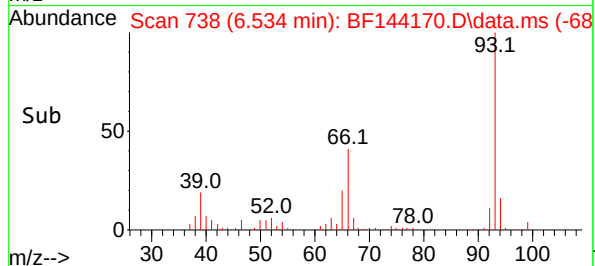
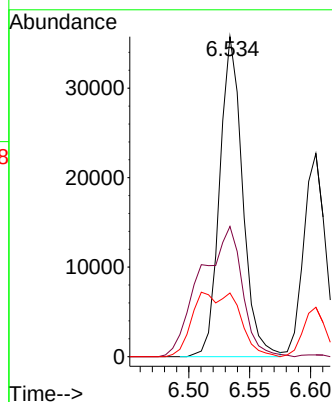
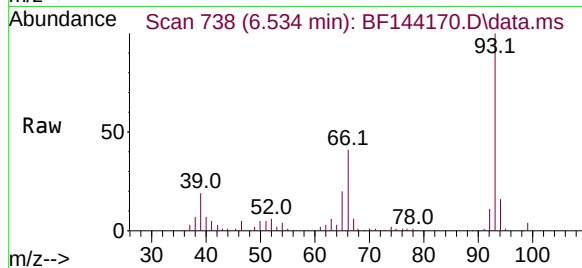
#6
Aniline
Concen: 5.317 ng
RT: 6.534 min Scan# 731
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 93 Resp: 46833
Ion Ratio Lower Upper
93 100
66 40.7 34.3 51.5
65 19.9 16.9 25.3

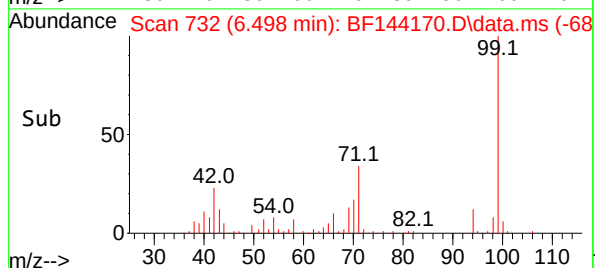
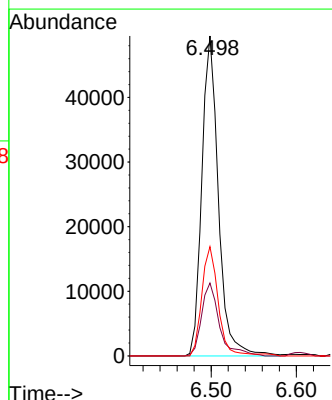
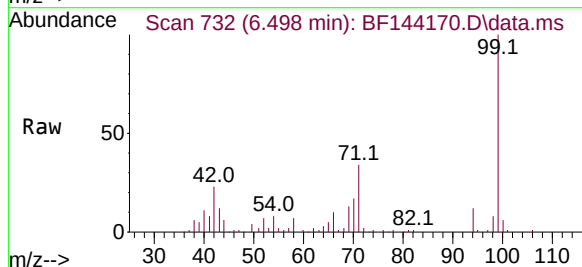
Manual Integrations
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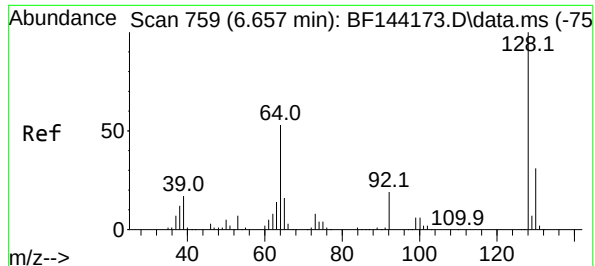
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#7
Phenol-d6
Concen: 10.817 ng
RT: 6.498 min Scan# 732
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

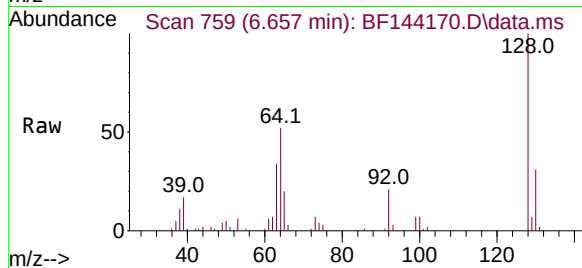
Tgt Ion: 99 Resp: 66870
Ion Ratio Lower Upper
99 100
42 22.8 20.9 31.3
71 34.1 31.4 47.2





#8
2-Chlorophenol
Concen: 4.953 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

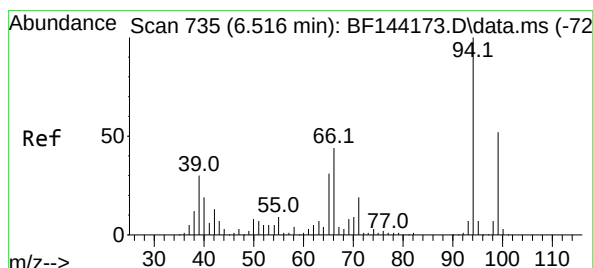
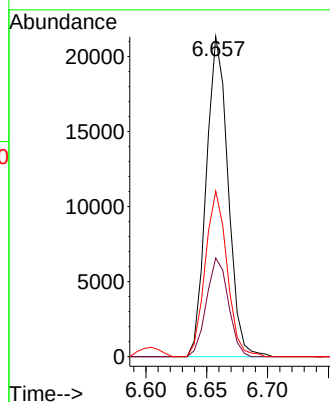
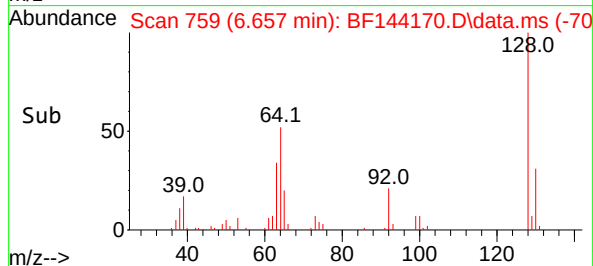
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:128 Resp: 26502
Ion Ratio Lower Upper
128 100
130 30.8 10.5 50.5
64 51.7 33.2 73.2

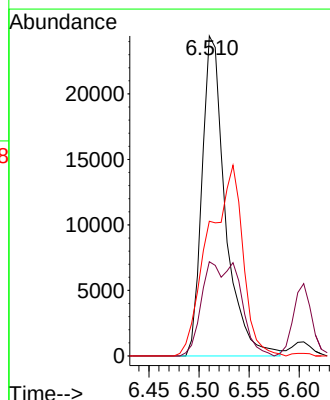
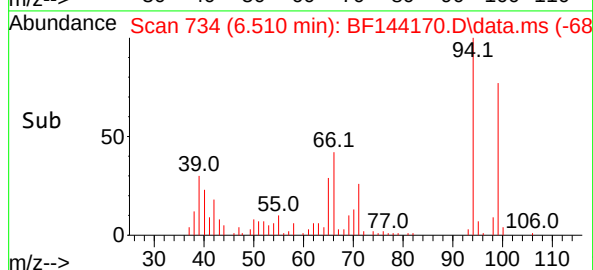
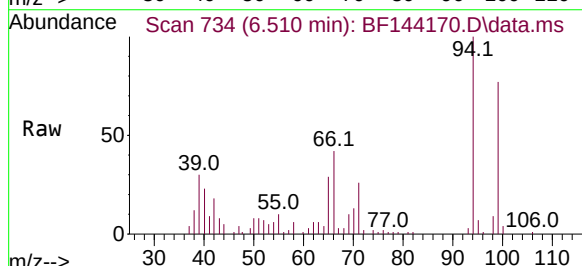
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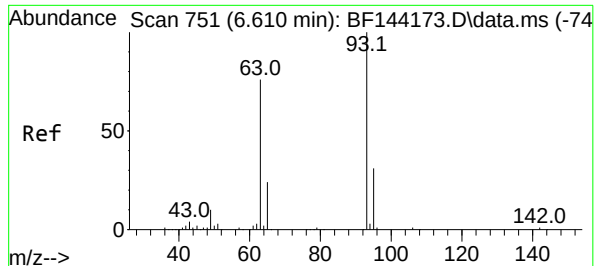
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#10
Phenol
Concen: 5.214 ng
RT: 6.510 min Scan# 734
Delta R.T. -0.017 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion: 94 Resp: 39383
Ion Ratio Lower Upper
94 100
65 29.4 10.8 50.8
66 42.1 24.3 64.3





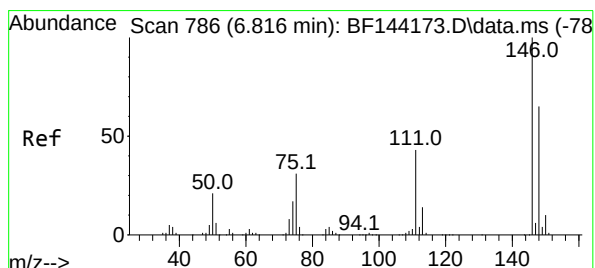
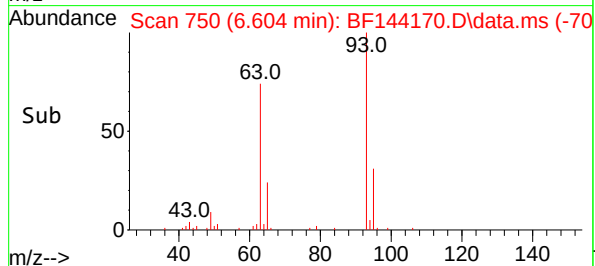
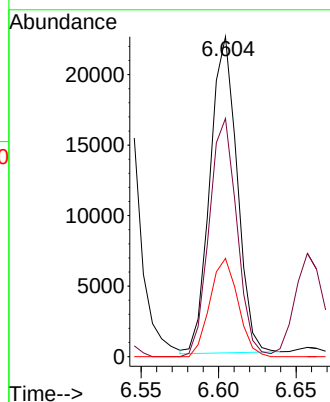
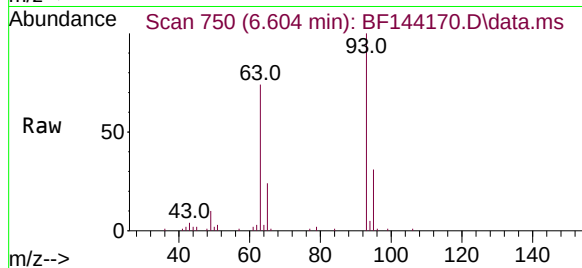
#11
bis(2-Chloroethyl)ether
Concen: 4.958 ng
RT: 6.604 min Scan# 751
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 93 Resp: 27288
Ion Ratio Lower Upper
93 100
63 74.4 55.2 95.2
95 30.7 11.2 51.2

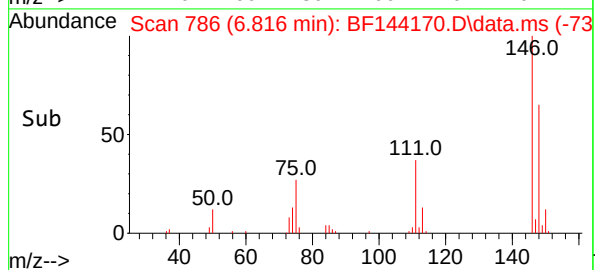
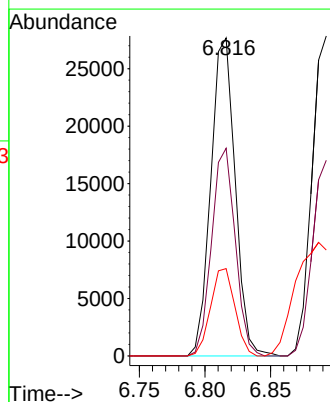
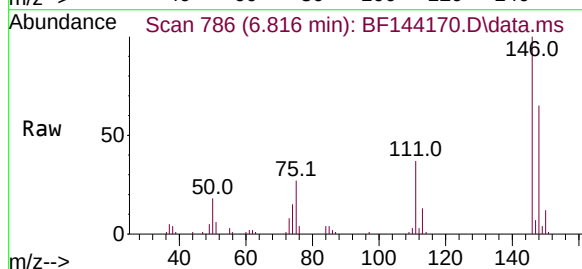
Manual Integrations
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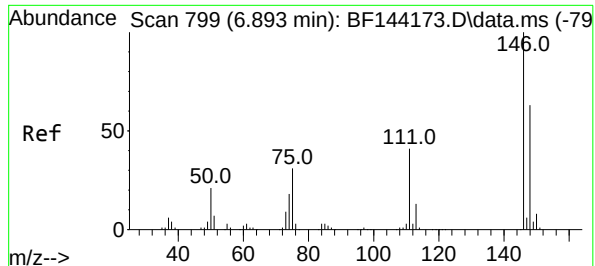
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#12
1,3-Dichlorobenzene
Concen: 5.422 ng
RT: 6.816 min Scan# 786
Delta R.T. 0.000 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:146 Resp: 35799
Ion Ratio Lower Upper
146 100
148 65.3 51.8 77.8
75 27.4 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 5.385 ng

RT: 6.893 min Scan# 799

Delta R.T. 0.000 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

Tgt Ion:146 Resp: 35623

Ion Ratio Lower Upper

146 100

148 61.1 50.2 75.2

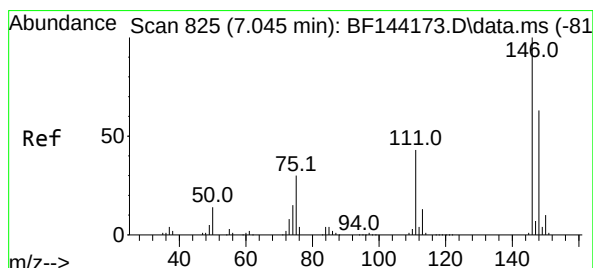
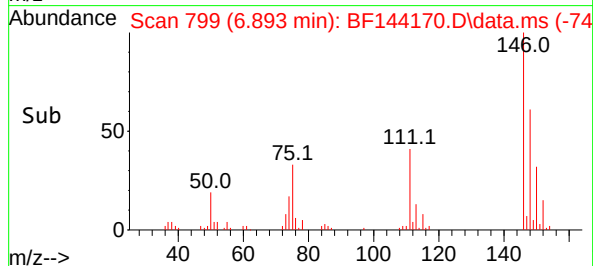
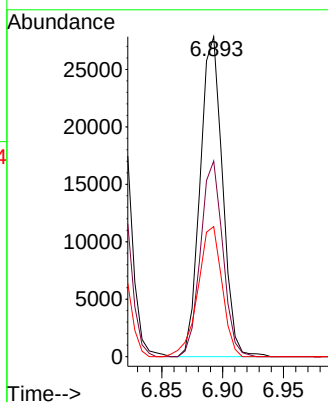
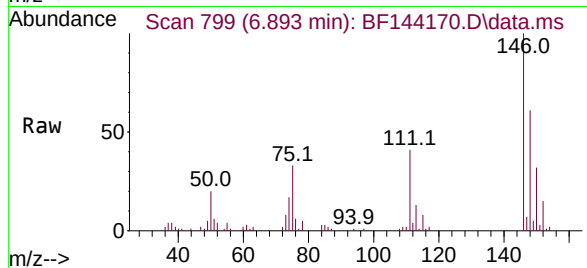
111 40.6 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#14

1,2-Dichlorobenzene

Concen: 5.559 ng

RT: 7.046 min Scan# 825

Delta R.T. 0.000 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

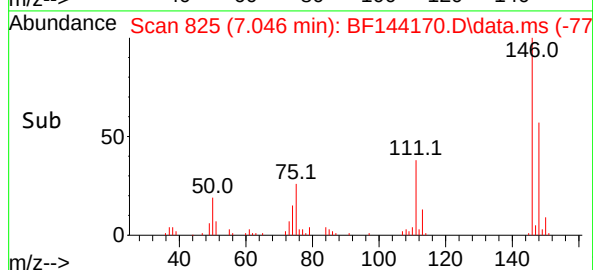
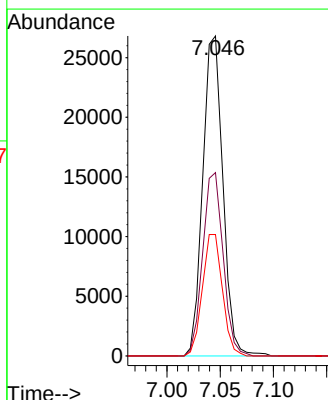
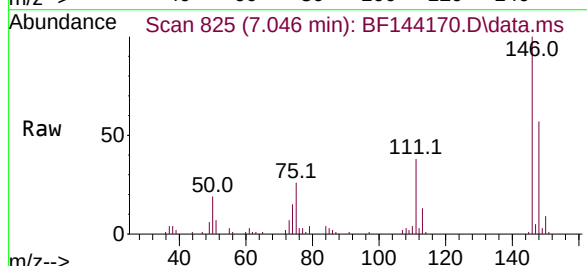
Tgt Ion:146 Resp: 35243

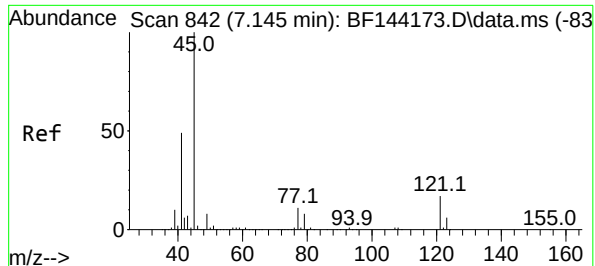
Ion Ratio Lower Upper

146 100

148 57.3 50.7 76.1

111 37.9 34.2 51.4





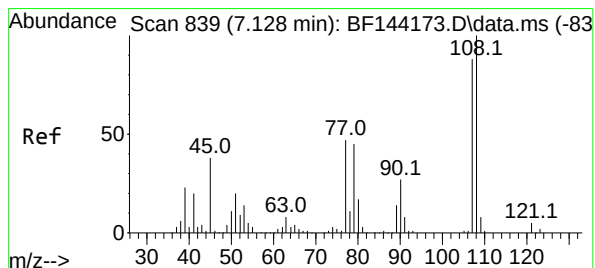
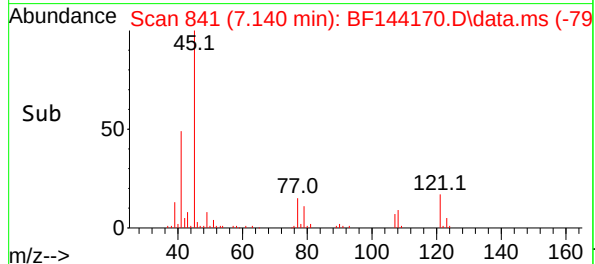
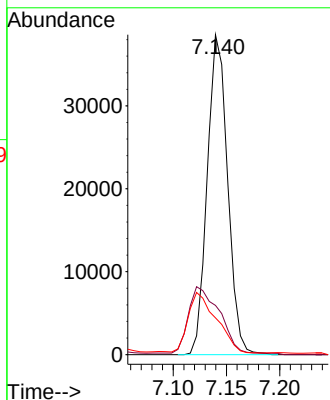
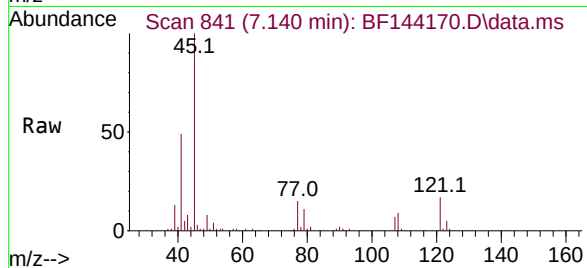
#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.072 ng
RT: 7.140 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 45 Resp: 51408
Ion Ratio Lower Upper
45 100
77 15.4 0.0 31.8
79 11.5 0.0 29.1

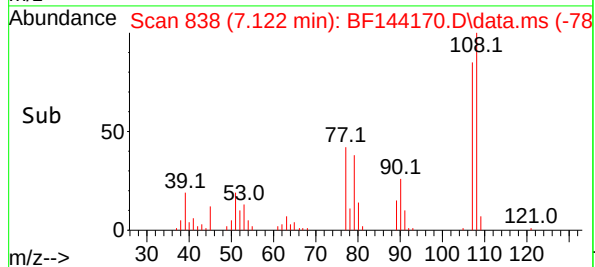
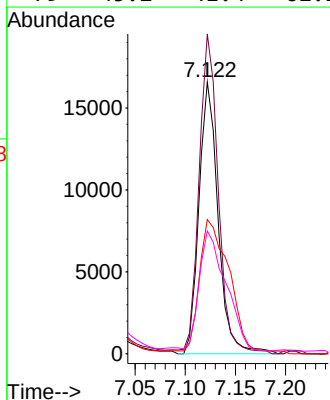
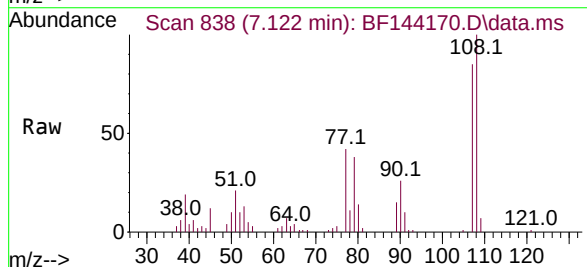
Manual Integrations
APPROVED

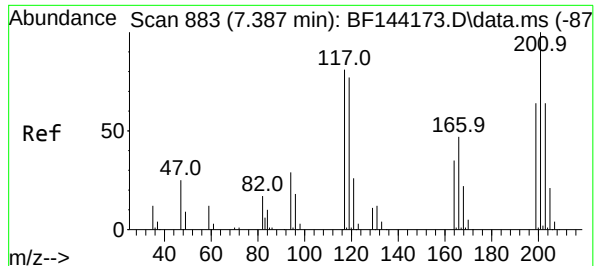
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#17
2-Methylphenol
Concen: 5.168 ng
RT: 7.122 min Scan# 838
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

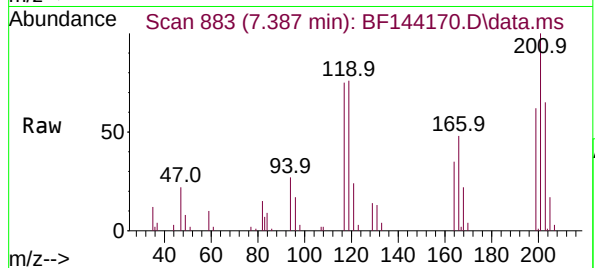
Tgt Ion:107 Resp: 21999
Ion Ratio Lower Upper
107 100
108 117.7 91.0 136.4
77 49.4 42.7 64.1
79 45.2 41.4 62.2





#18
Hexachloroethane
Concen: 4.973 ng
RT: 7.387 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

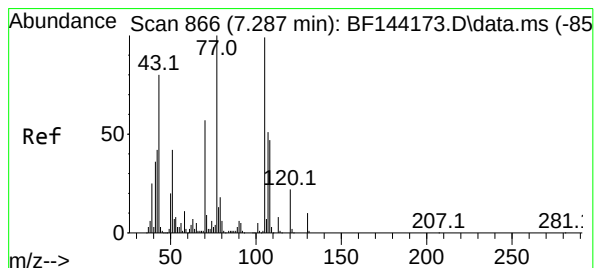
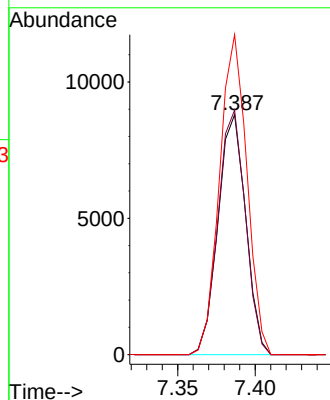
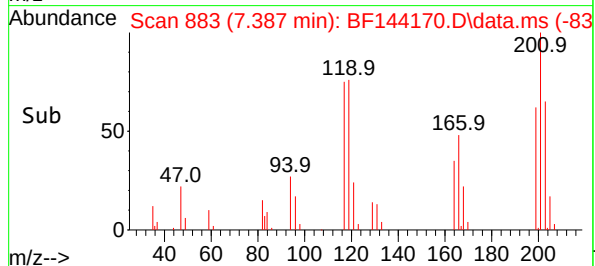
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



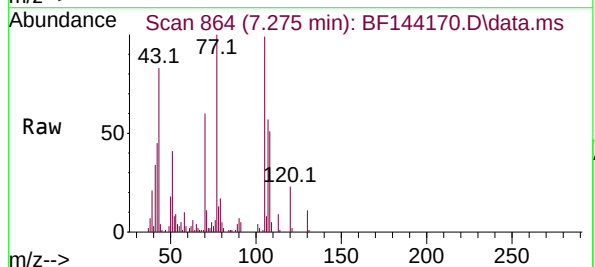
Tgt Ion: 117 Resp: 10929
Ion Ratio Lower Upper
117 100
119 102.0 75.8 113.8
201 133.4 98.9 148.3

Manual Integrations
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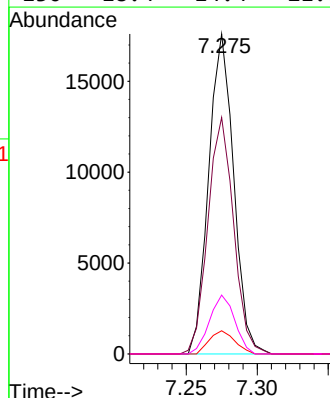
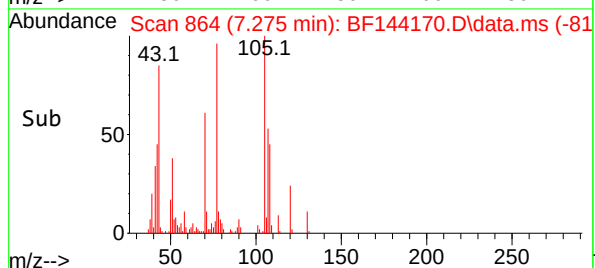
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

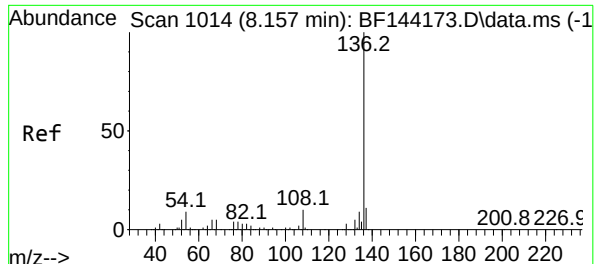


#19
n-Nitroso-di-n-propylamine
Concen: 5.296 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.023 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20



Tgt Ion: 70 Resp: 21555
Ion Ratio Lower Upper
70 100
42 73.9 58.3 87.5
101 7.3 7.0 10.6
130 18.4 14.4 21.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1014

Delta R.T. -0.006 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

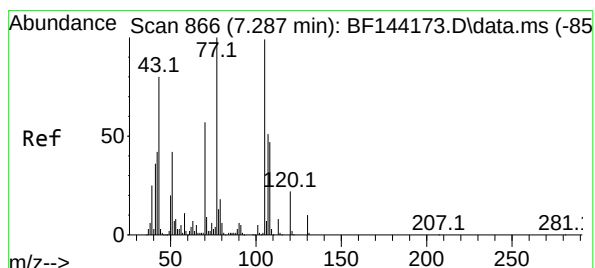
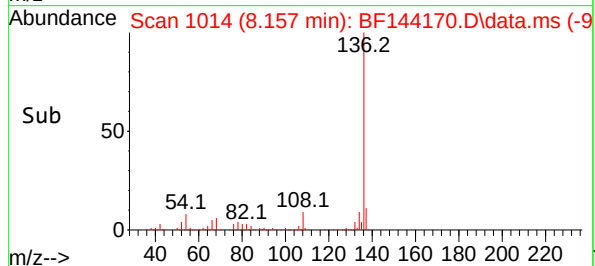
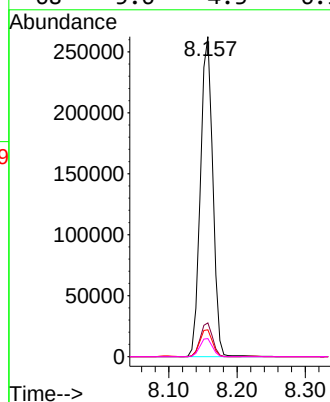
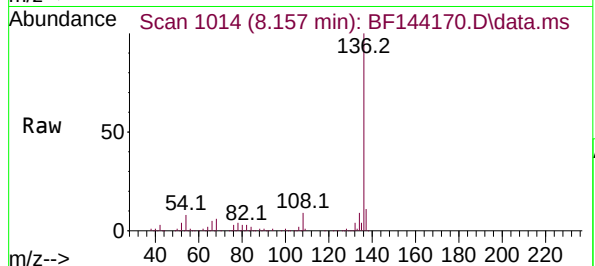
Tgt Ion:	136	Resp:	330889
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	8.4	7.0	10.6
68	5.6	4.3	6.5

Manual Integrations

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Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#22

Acetophenone

Concen: 5.580 ng

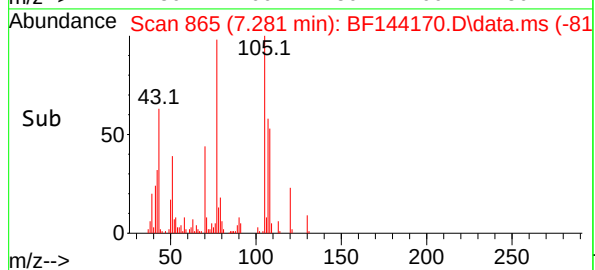
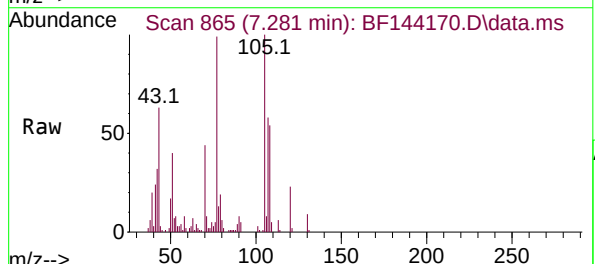
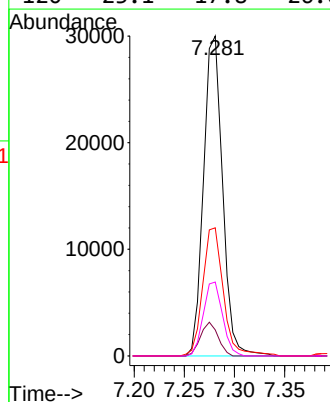
RT: 7.281 min Scan# 865

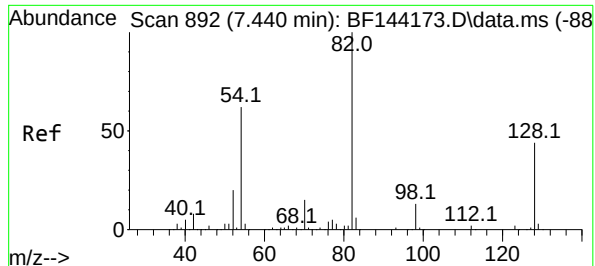
Delta R.T. -0.012 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

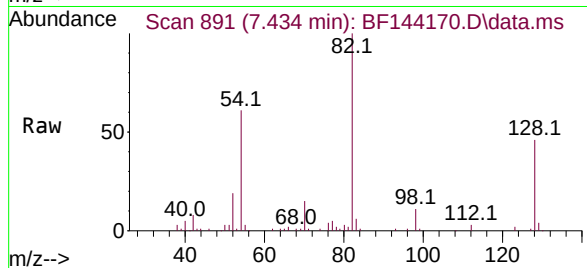
Tgt Ion:	105	Resp:	39609
Ion	Ratio	Lower	Upper
105	100		
71	8.1	7.2	10.8
51	40.0	34.0	51.0
120	23.1	17.8	26.6





#23
Nitrobenzene-d5
Concen: 9.904 ng
RT: 7.434 min Scan# 891
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

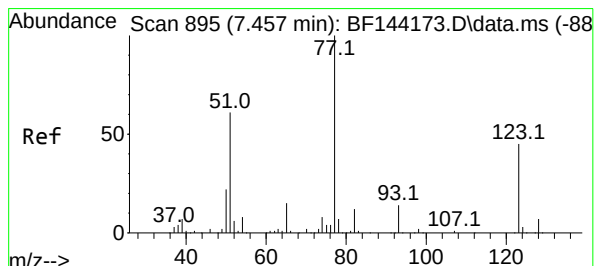
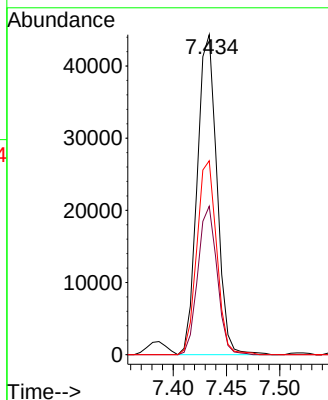
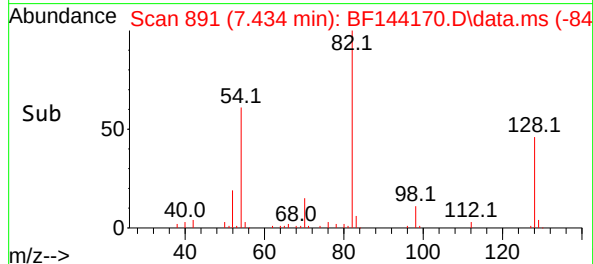
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion: 82 Resp: 56744
Ion Ratio Lower Upper
82 100
128 46.4 34.7 52.1
54 60.6 49.5 74.3

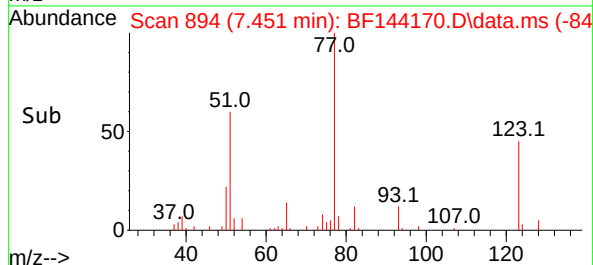
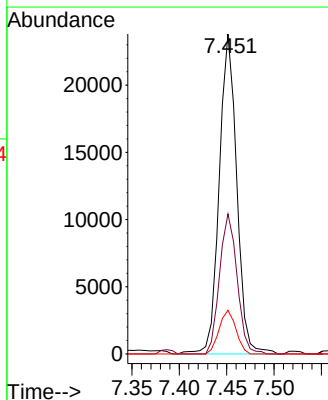
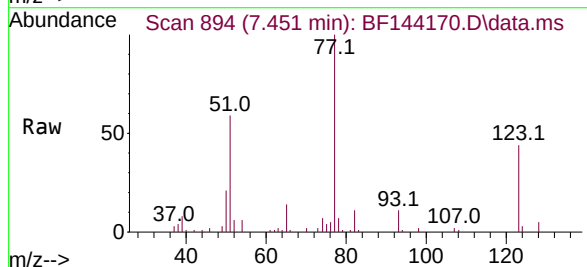
Manual Integrations
APPROVED

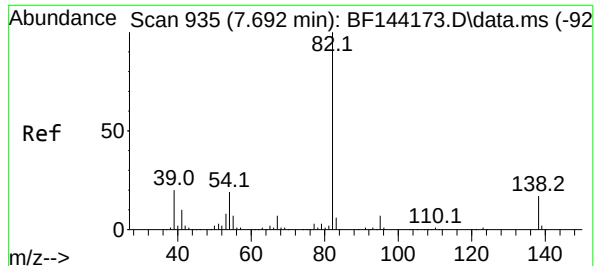
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#24
Nitrobenzene
Concen: 4.915 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

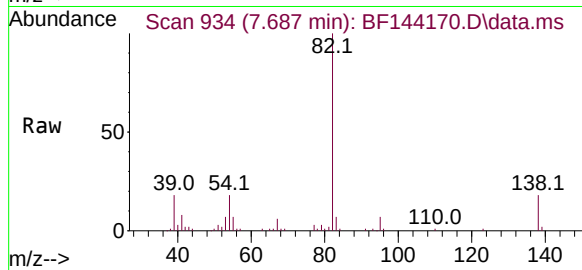
Tgt Ion: 77 Resp: 30574
Ion Ratio Lower Upper
77 100
123 43.7 35.8 53.8
65 13.6 12.2 18.2





#25
Isophorone
Concen: 5.028 ng
RT: 7.687 min Scan# 934
Delta R.T. -0.017 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

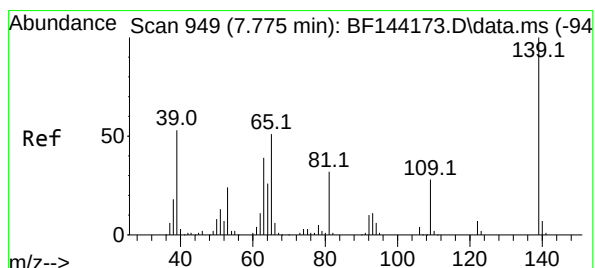
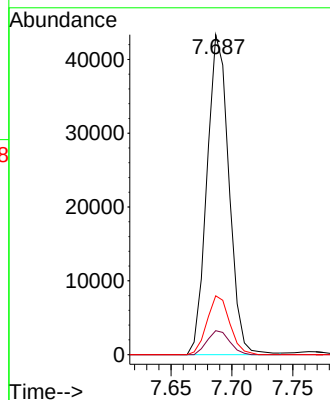
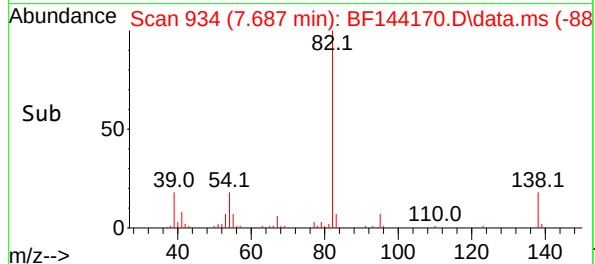
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion: 82 Resp: 5448
Ion Ratio Lower Upper
82 100
95 7.5 5.5 8.3
138 18.4 13.7 20.5

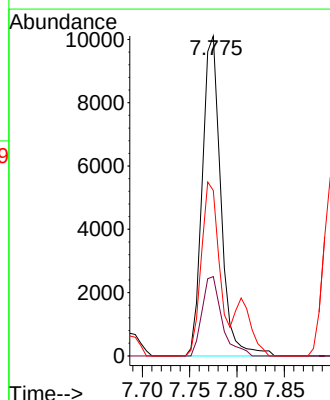
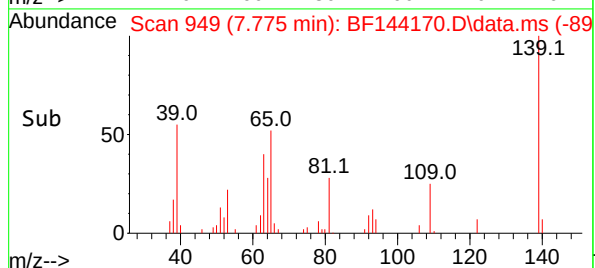
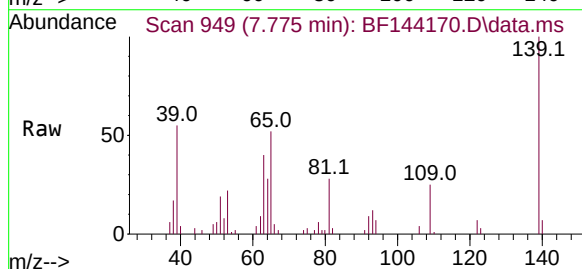
Manual Integrations
APPROVED

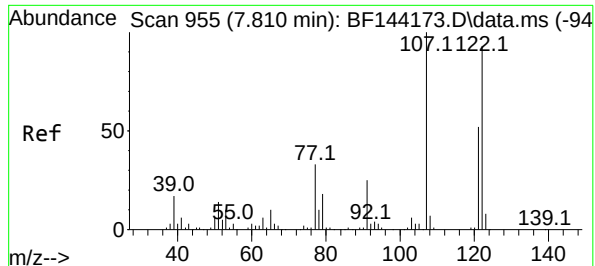
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#26
2-Nitrophenol
Concen: 4.478 ng
RT: 7.775 min Scan# 949
Delta R.T. 0.000 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:139 Resp: 13789
Ion Ratio Lower Upper
139 100
109 24.8 22.2 33.2
65 51.7 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 5.045 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

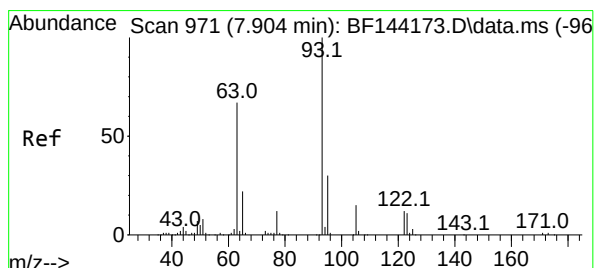
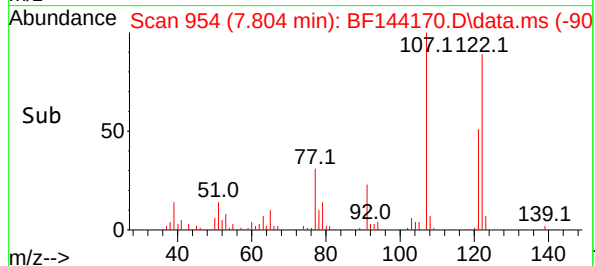
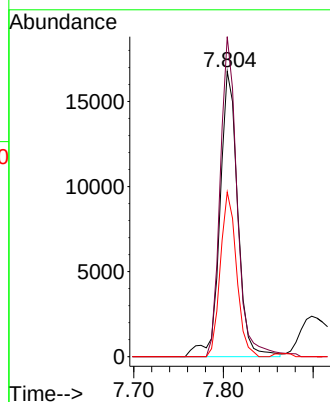
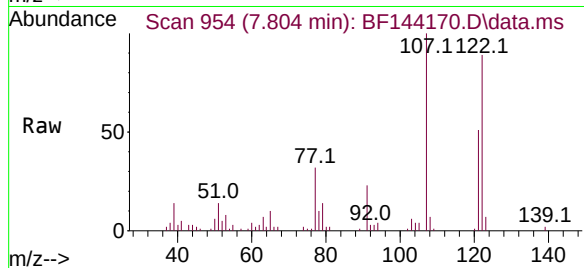
Tgt Ion:	122	Resp:	23283
Ion	Ratio	Lower	Upper
122	100		
107	112.2	86.2	129.4
121	57.7	44.6	66.8

Manual Integrations

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Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#28

bis(2-Chloroethoxy)methane

Concen: 5.207 ng

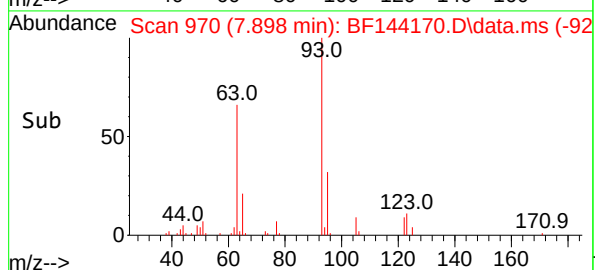
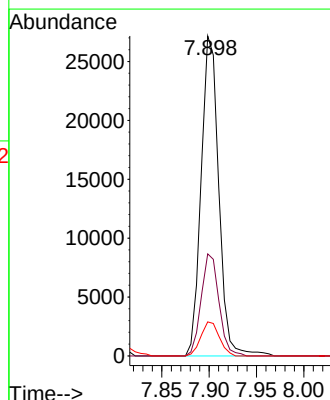
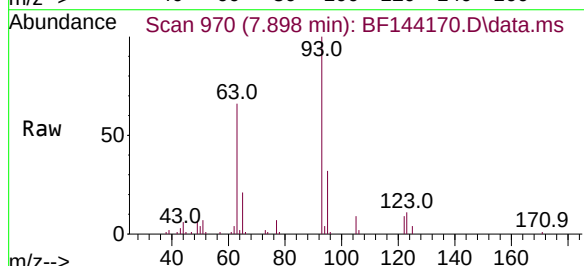
RT: 7.898 min Scan# 970

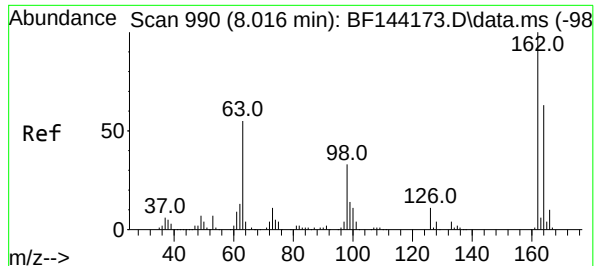
Delta R.T. -0.012 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Tgt Ion:	93	Resp:	35235
Ion	Ratio	Lower	Upper
93	100		
95	31.9	24.2	36.4
123	10.6	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 5.189 ng

RT: 8.016 min Scan# 990

Delta R.T. -0.006 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

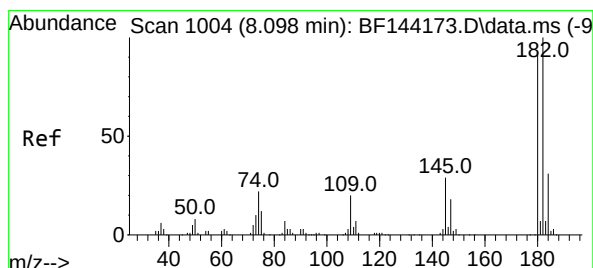
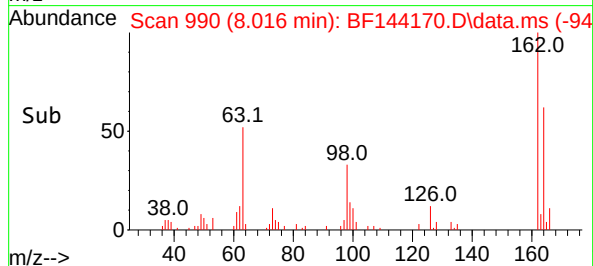
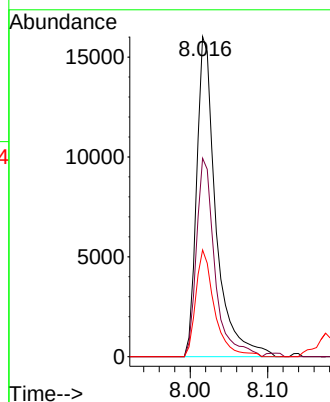
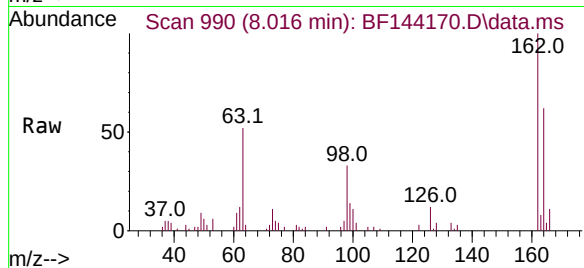
SSTDICC005

Tgt Ion:162	Resp:	27603
Ion Ratio	Lower	Upper
162	100	
164	62.0	42.9 82.9
98	33.3	13.3 53.3

Manual Integrations

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Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#30

1,2,4-Trichlorobenzene

Concen: 5.298 ng

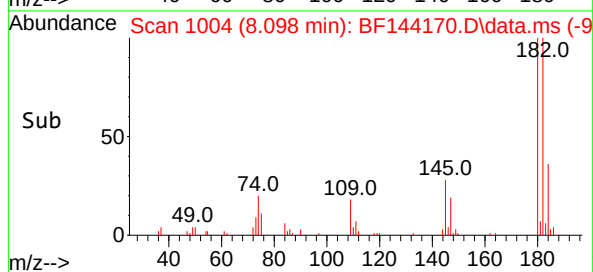
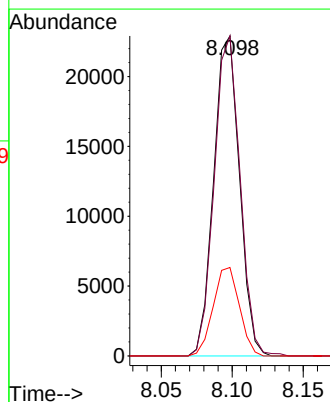
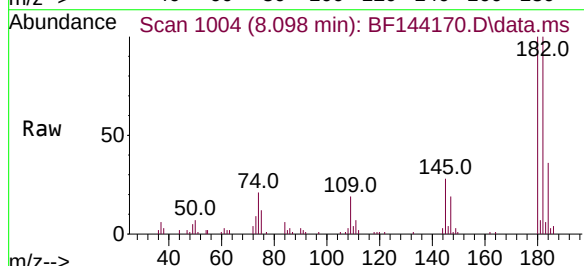
RT: 8.098 min Scan# 1004

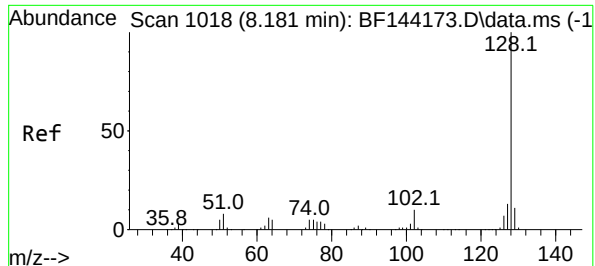
Delta R.T. 0.000 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

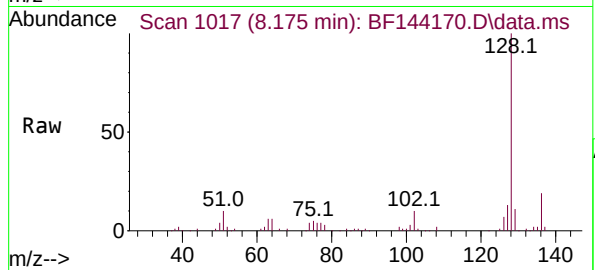
Tgt Ion:180	Resp:	28937
Ion Ratio	Lower	Upper
180	100	
182	100.0	87.7 131.5
145	27.6	25.4 38.0





#31
Naphthalene
Concen: 5.357 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

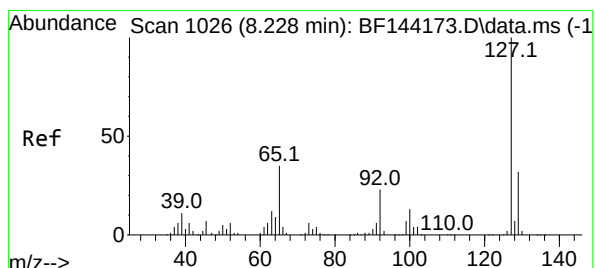
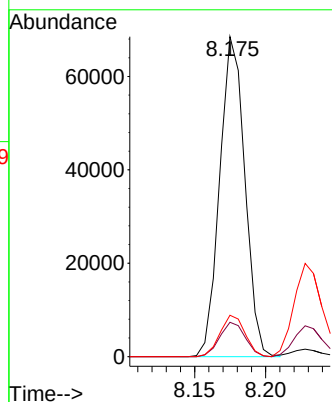
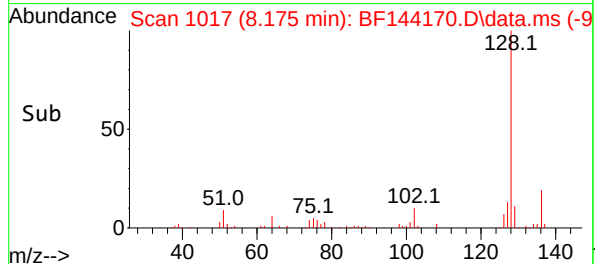
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:128 Resp: 84320
Ion Ratio Lower Upper
128 100
129 10.7 8.9 13.3
127 12.9 10.3 15.5

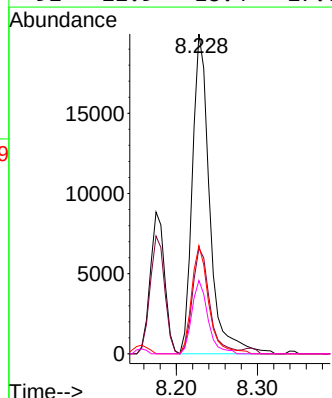
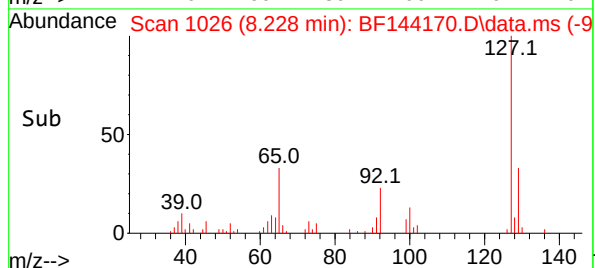
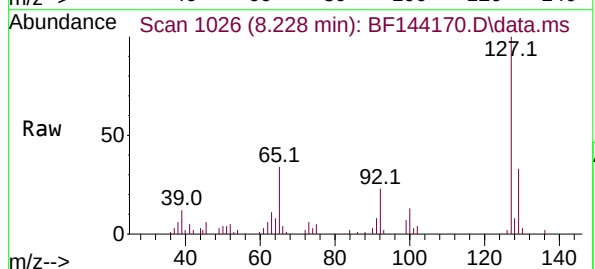
Manual Integrations
APPROVED

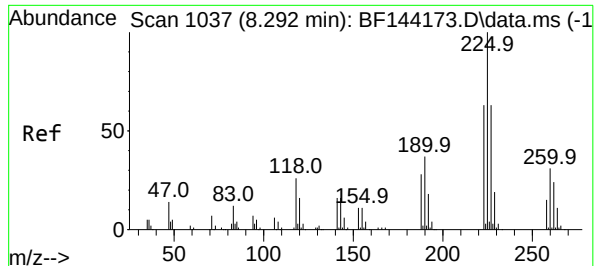
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#33
4-Chloroaniline
Concen: 5.157 ng
RT: 8.228 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:127 Resp: 29602
Ion Ratio Lower Upper
127 100
129 33.0 25.3 37.9
65 33.8 27.6 41.4
92 22.9 18.4 27.6





#34

Hexachlorobutadiene

Concen: 5.152 ng

RT: 8.292 min Scan# 1037

Delta R.T. -0.006 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

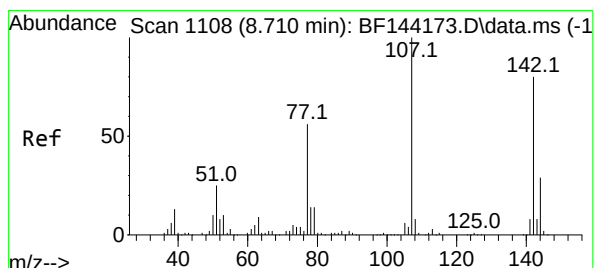
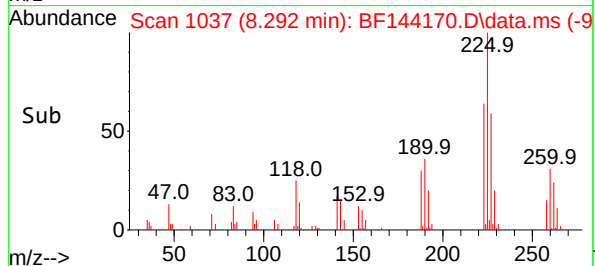
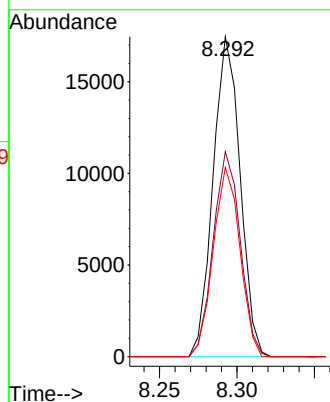
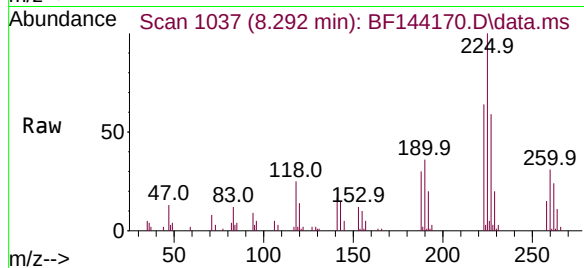
SSTDICC005

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.2	75.4
227	59.1	50.1	75.1

Manual Integrations

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Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#36

4-Chloro-3-methylphenol

Concen: 4.914 ng

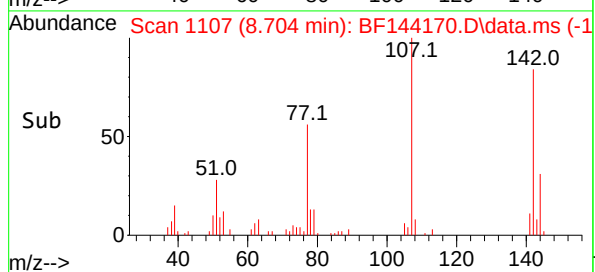
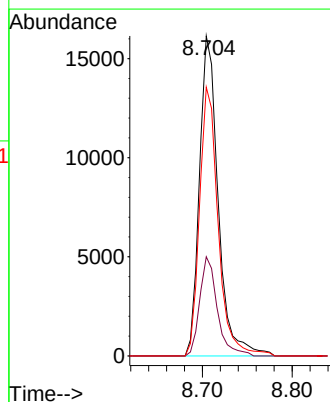
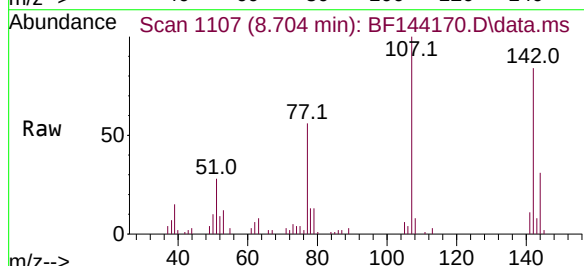
RT: 8.704 min Scan# 1107

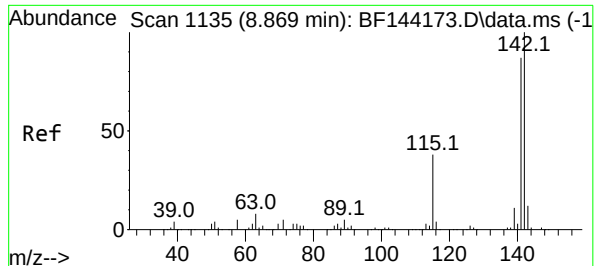
Delta R.T. -0.012 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Tgt Ion	Ratio	Lower	Upper
107	100		
144	31.0	23.3	34.9
142	84.0	63.8	95.6





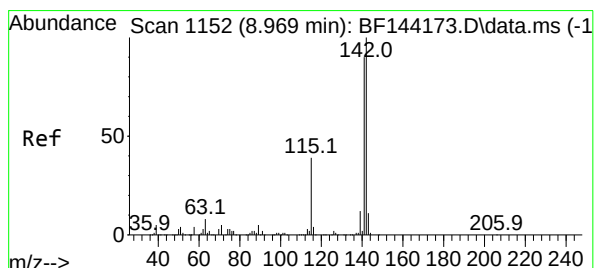
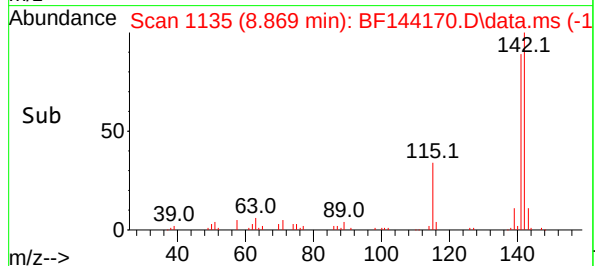
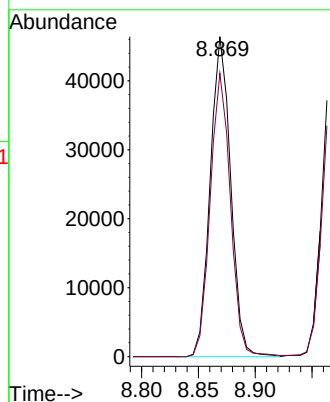
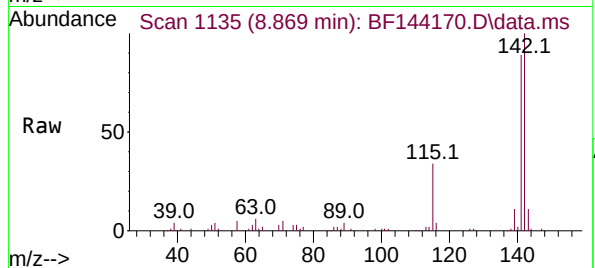
#37
2-Methylnaphthalene
Concen: 5.520 ng
RT: 8.869 min Scan# 1135
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:142 Resp: 5808
Ion Ratio Lower Upper
142 100
141 88.5 69.9 104.9

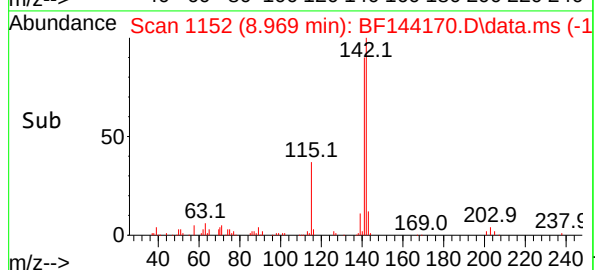
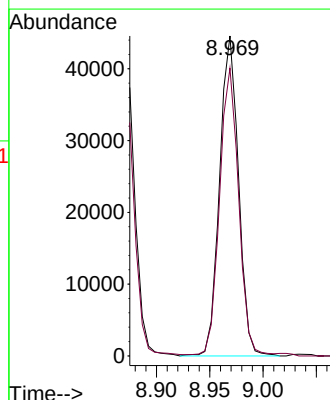
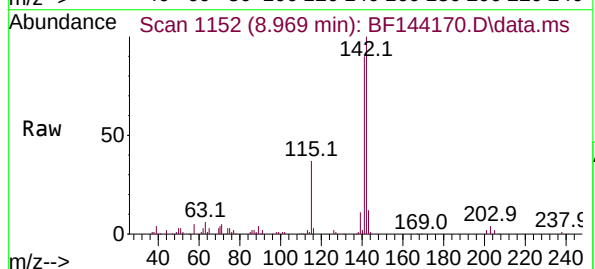
Manual Integrations
APPROVED

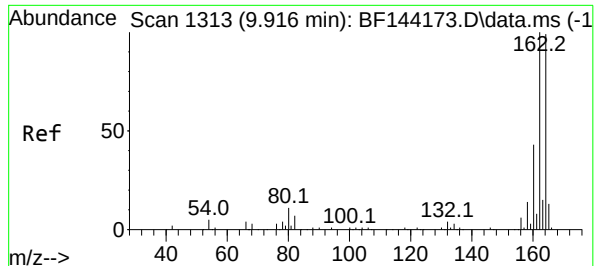
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#38
1-Methylnaphthalene
Concen: 5.431 ng
RT: 8.969 min Scan# 1152
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:142 Resp: 55152
Ion Ratio Lower Upper
142 100
141 89.9 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF144170.D

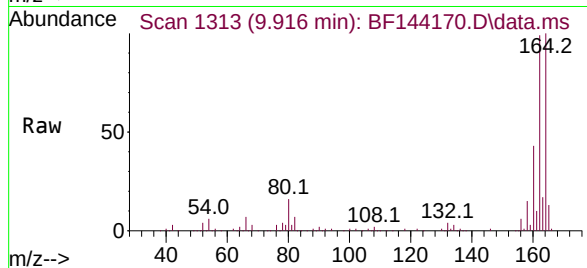
Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



Tgt Ion:164 Resp: 188000

Ion Ratio Lower Upper

164 100

162 99.4 81.1 121.7

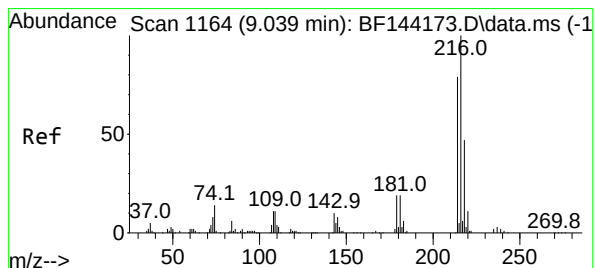
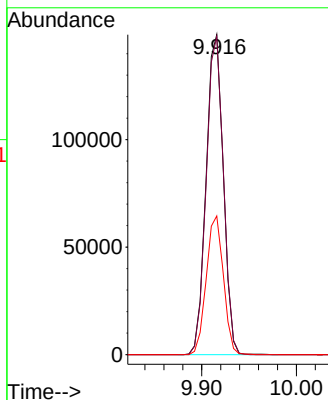
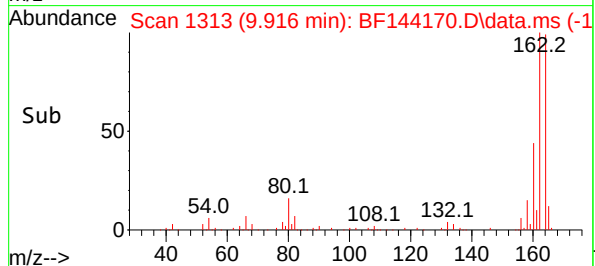
160 43.3 34.5 51.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#40

1,2,4,5-Tetrachlorobenzene

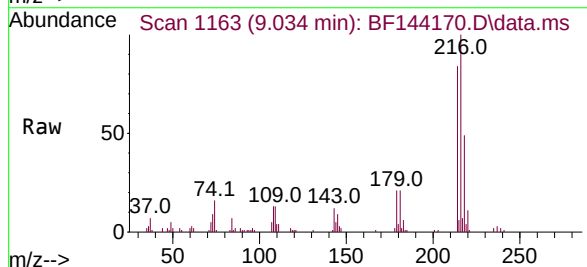
Concen: 5.165 ng

RT: 9.034 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20



Tgt Ion:216 Resp: 31823

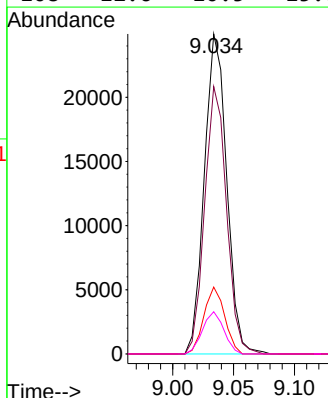
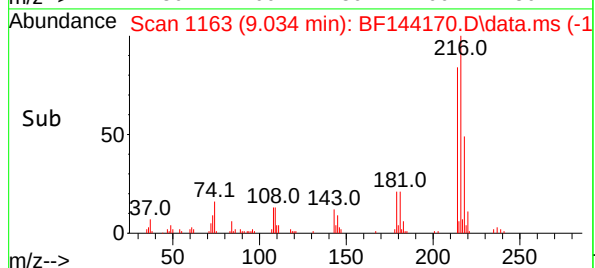
Ion Ratio Lower Upper

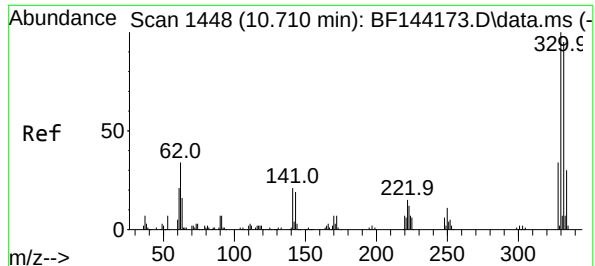
216 100

214 81.6 63.4 95.2

179 19.4 15.0 22.4

108 12.6 10.5 15.7





#42
2,4,6-Tribromophenol
Concen: 9.647 ng
RT: 10.704 min Scan# 1448
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

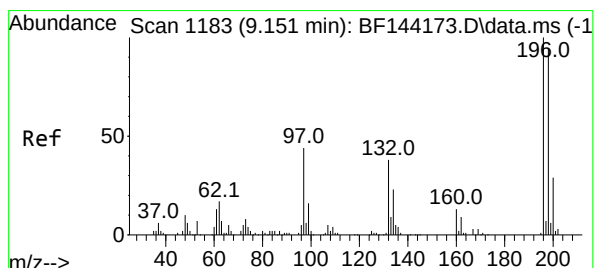
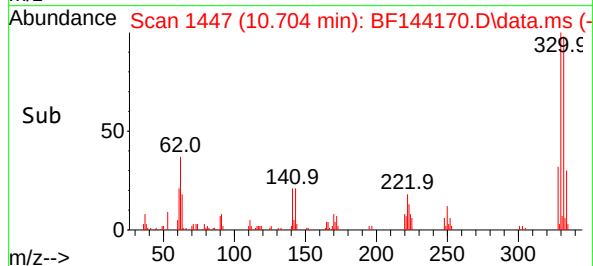
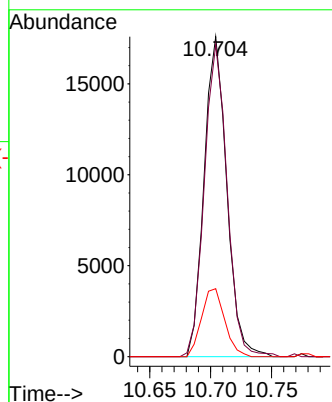
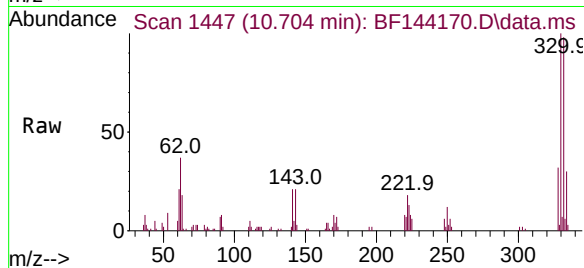
SSTDICC005

Tgt Ion: 330 Resp: 22758
Ion Ratio Lower Upper
330 100
332 98.0 76.7 115.1
141 21.8 17.8 26.8

Manual Integrations

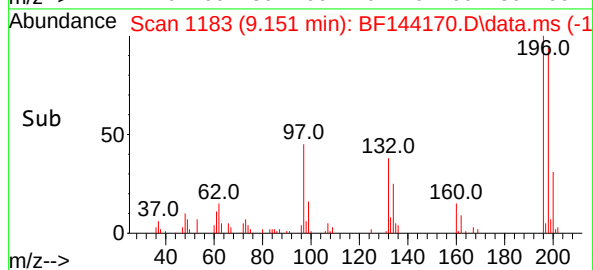
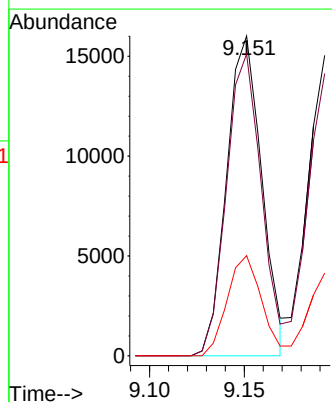
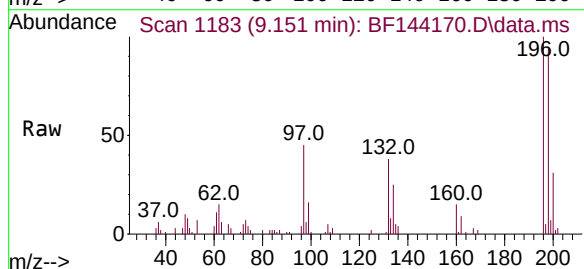
APPROVED

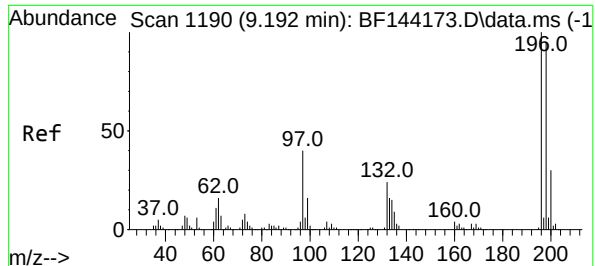
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#43
2,4,6-Trichlorophenol
Concen: 4.933 ng
RT: 9.151 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

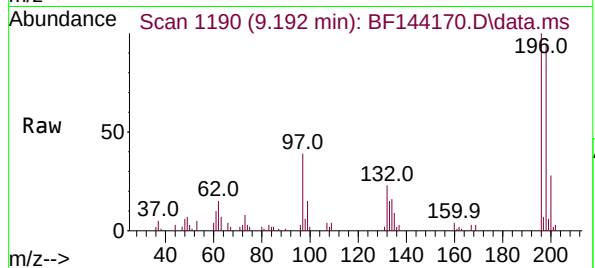
Tgt Ion: 196 Resp: 20685
Ion Ratio Lower Upper
196 100
198 94.4 75.3 112.9
200 31.3 23.4 35.2





#44
2,4,5-Trichlorophenol
Concen: 5.165 ng
RT: 9.192 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

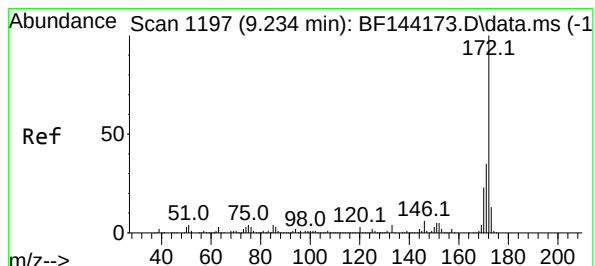
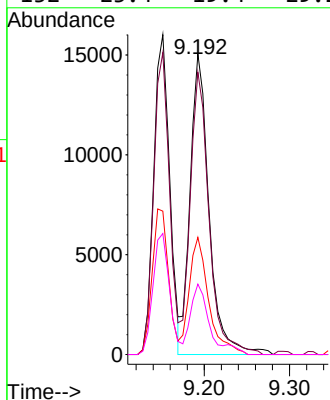
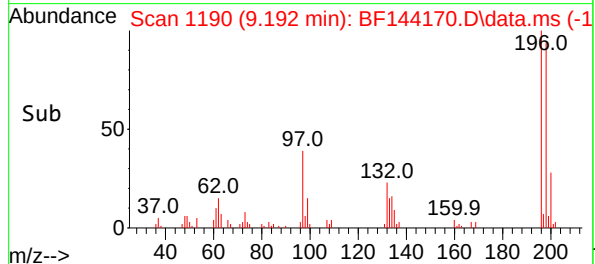
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:196 Resp: 23346
Ion Ratio Lower Upper
196 100
198 93.9 76.1 114.1
97 39.0 31.9 47.9
132 23.4 19.4 29.2

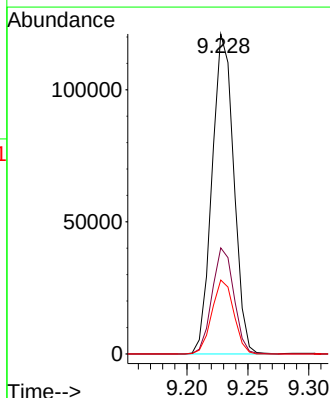
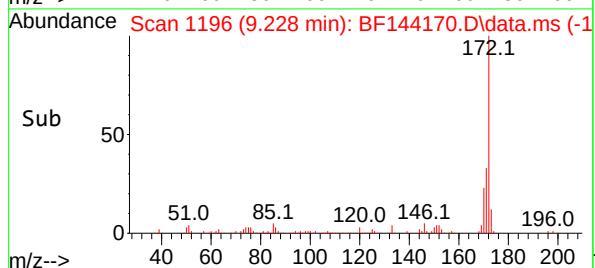
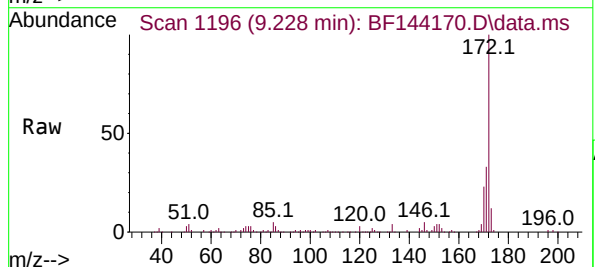
Manual Integrations
APPROVED

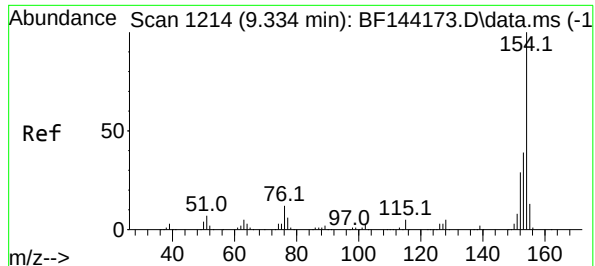
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#45
2-Fluorobiphenyl
Concen: 11.803 ng
RT: 9.228 min Scan# 1196
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:172 Resp: 150248
Ion Ratio Lower Upper
172 100
171 33.1 28.1 42.1
170 23.1 18.6 28.0





#46

1,1'-Biphenyl

Concen: 5.496 ng

RT: 9.334 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

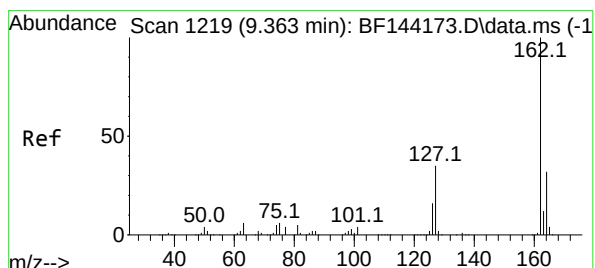
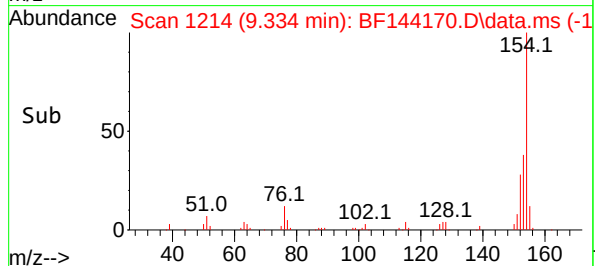
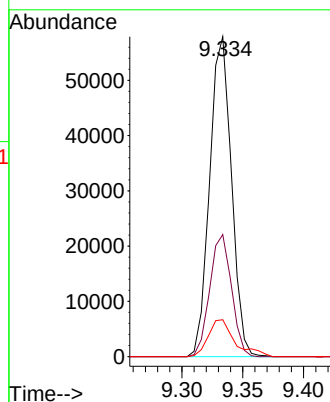
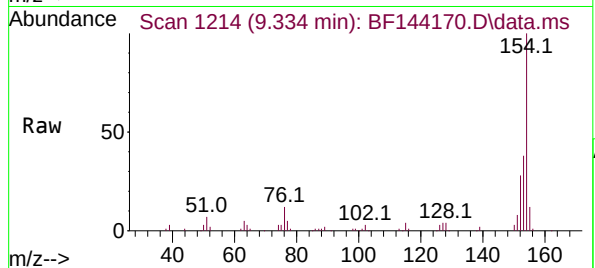
SSTDICC005

Tgt Ion:154	Resp:	7212
Ion Ratio	Lower	Upper
154	100	
153	38.1	19.2 59.2
76	11.5	0.0 31.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#47

2-Chloronaphthalene

Concen: 5.470 ng

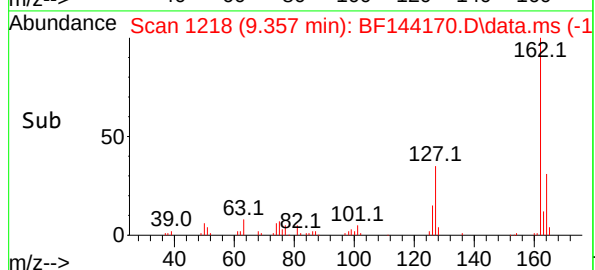
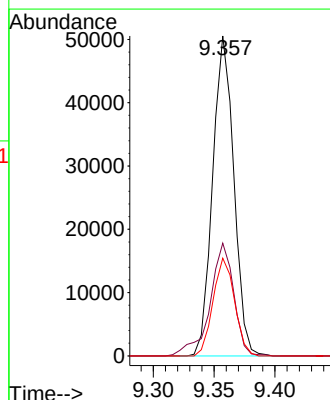
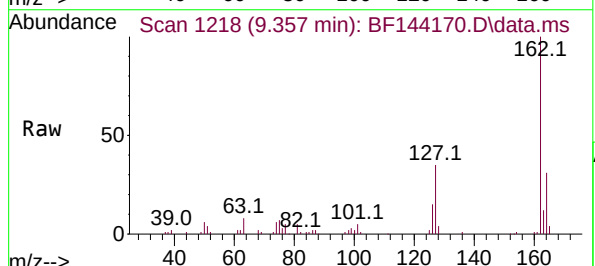
RT: 9.357 min Scan# 1218

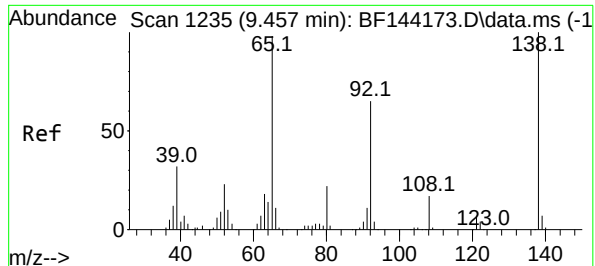
Delta R.T. -0.012 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Tgt Ion:162	Resp:	61232
Ion Ratio	Lower	Upper
162	100	
127	35.2	28.8 43.2
164	30.5	25.8 38.8





#48

2-Nitroaniline

Concen: 4.399 ng

RT: 9.457 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion: 65 Resp: 14208

Ion Ratio Lower Upper

65 100

92 72.4 53.0 79.6

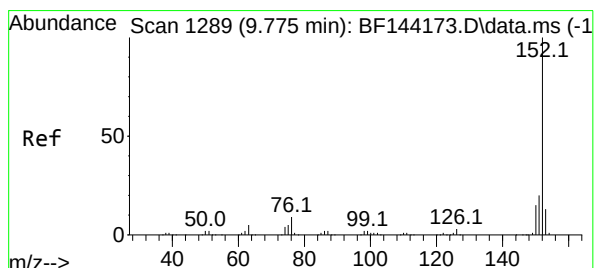
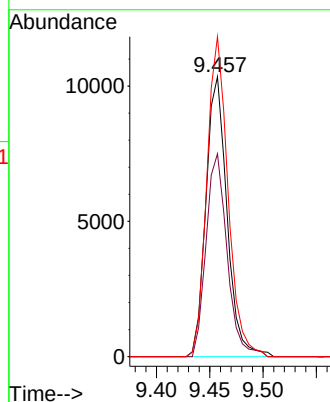
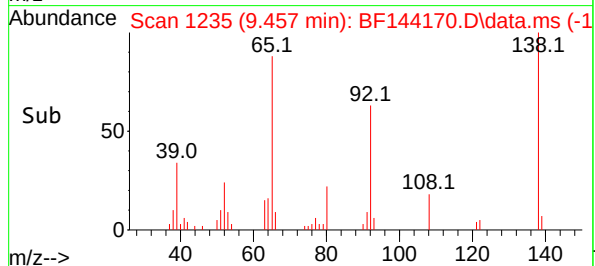
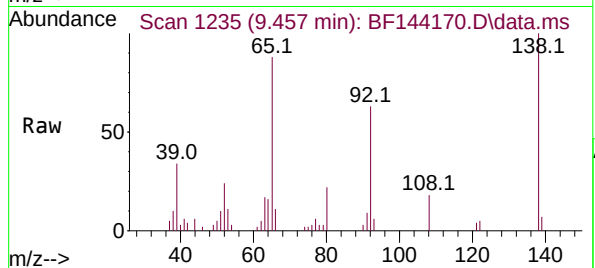
138 114.3 81.6 122.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#49

Acenaphthylene

Concen: 5.321 ng

RT: 9.775 min Scan# 1289

Delta R.T. -0.006 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

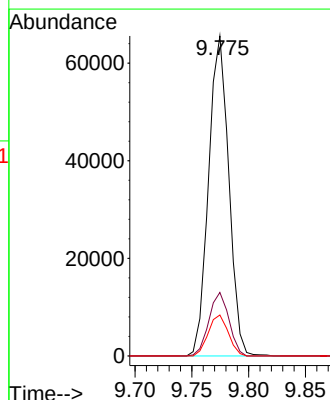
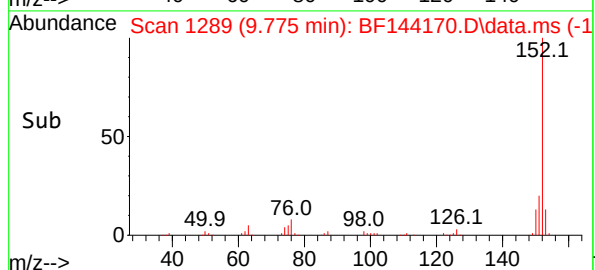
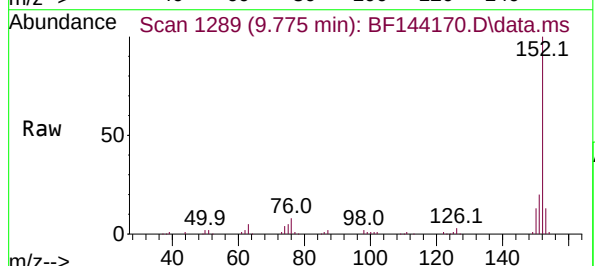
Tgt Ion:152 Resp: 81168

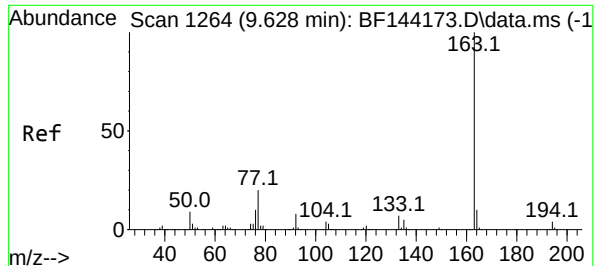
Ion Ratio Lower Upper

152 100

151 19.8 15.9 23.9

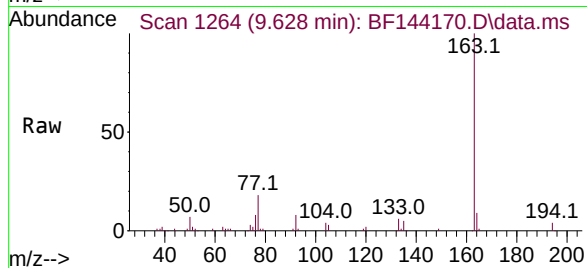
153 12.8 10.5 15.7





#50
Dimethylphthalate
Concen: 5.423 ng
RT: 9.628 min Scan# 1264
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

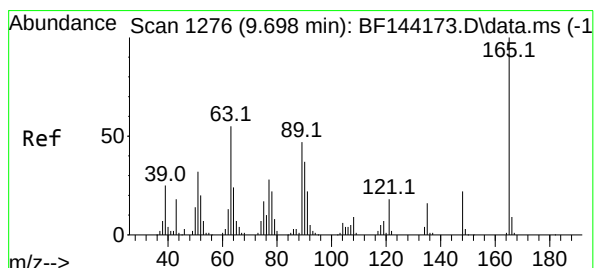
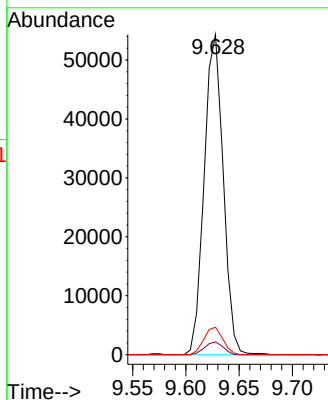
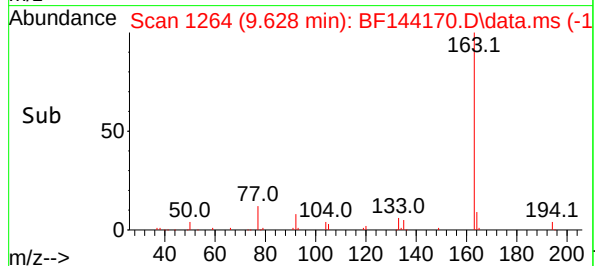
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



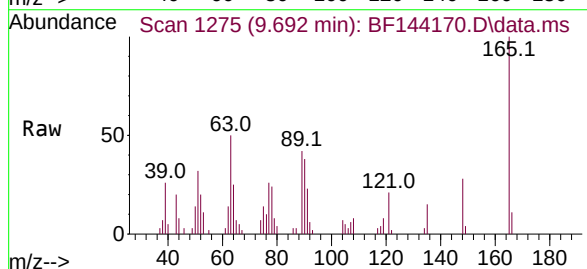
Tgt Ion:163 Resp: 67538
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 8.5 8.1 12.1

Manual Integrations
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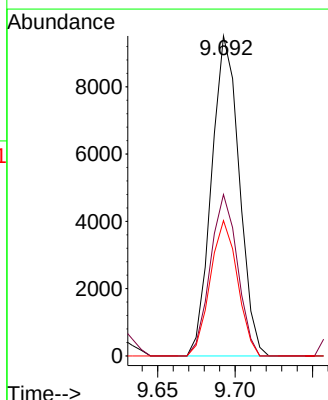
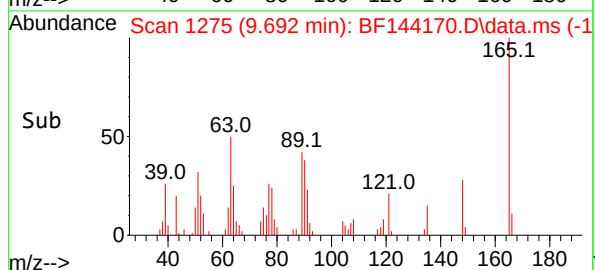
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

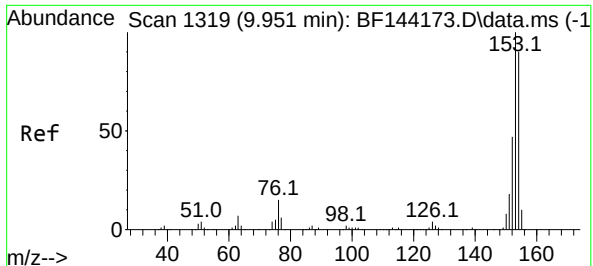


#51
2,6-Dinitrotoluene
Concen: 4.684 ng
RT: 9.692 min Scan# 1275
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20



Tgt Ion:165 Resp: 11809
Ion Ratio Lower Upper
165 100
63 50.5 43.8 65.8
89 42.3 37.5 56.3





#52
Acenaphthene
Concen: 5.241 ng
RT: 9.945 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

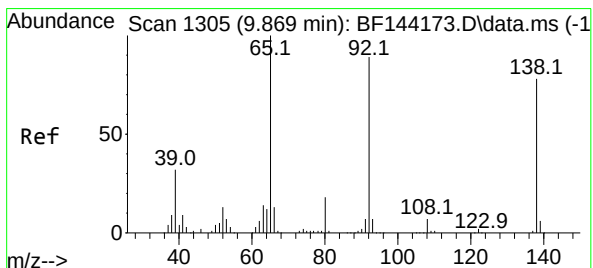
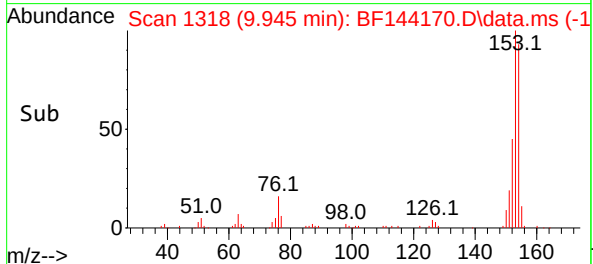
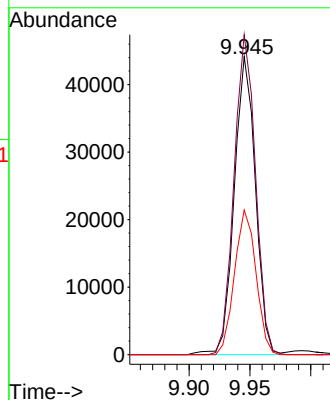
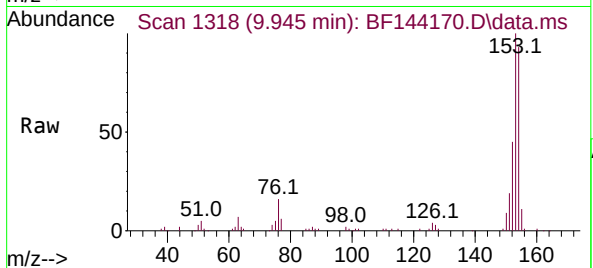
SSTDICC005

Tgt Ion:154 Resp: 53468
Ion Ratio Lower Upper
154 100
153 107.4 89.0 133.4
152 48.5 42.2 63.4

Manual Integrations

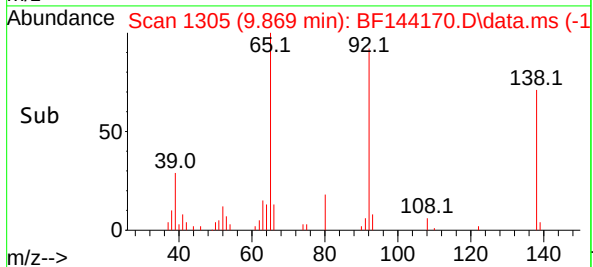
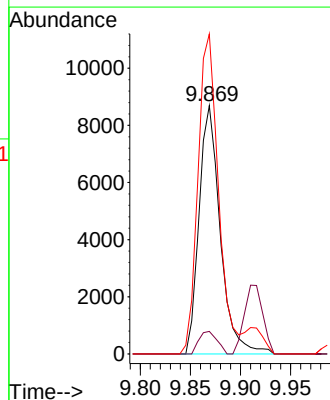
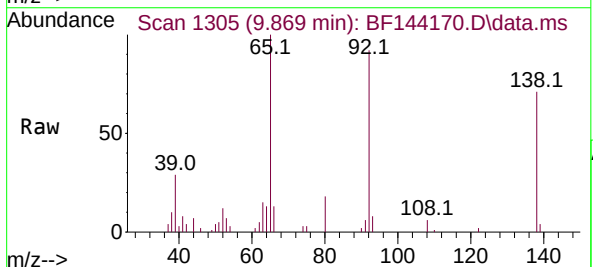
APPROVED

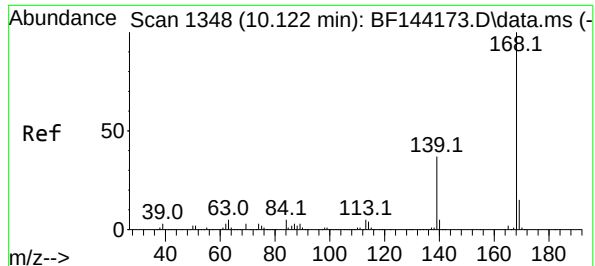
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#53
3-Nitroaniline
Concen: 4.626 ng
RT: 9.869 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:138 Resp: 12750
Ion Ratio Lower Upper
138 100
108 9.0 7.5 11.3
92 128.9 91.8 137.6





#55

Dibenzenofuran

Concen: 5.409 ng

RT: 10.116 min Scan# 1347

Delta R.T. -0.012 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:168 Resp: 77278

Ion Ratio Lower Upper

168 100

139 36.2 30.2 45.2

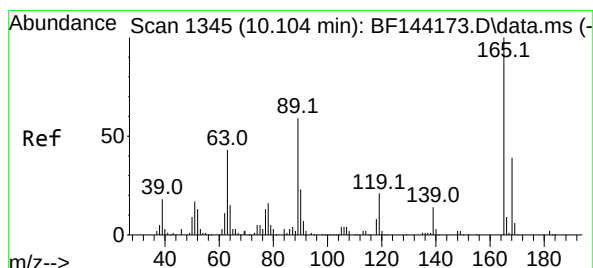
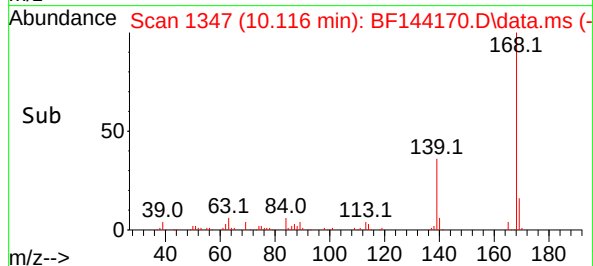
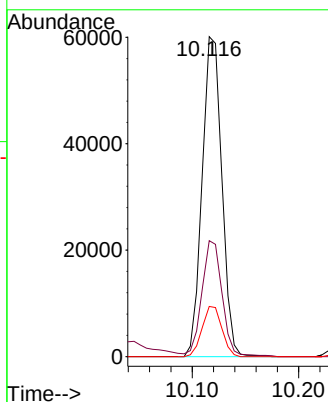
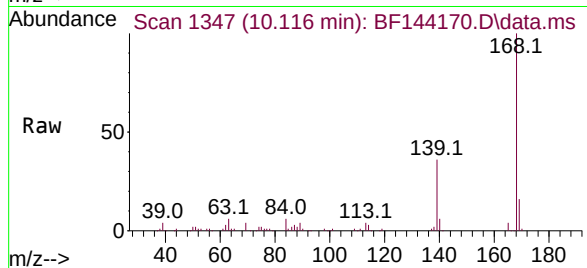
169 15.7 12.2 18.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#57

2,4-Dinitrotoluene

Concen: 4.485 ng

RT: 10.098 min Scan# 1344

Delta R.T. -0.012 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Tgt Ion:165 Resp: 15136

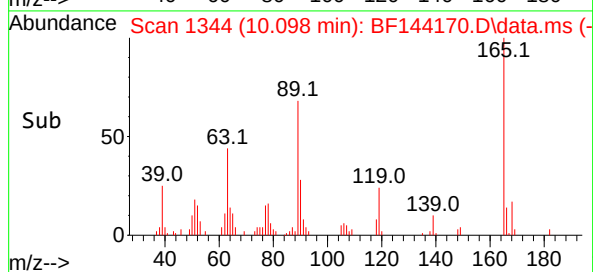
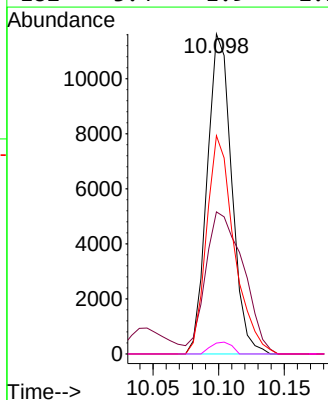
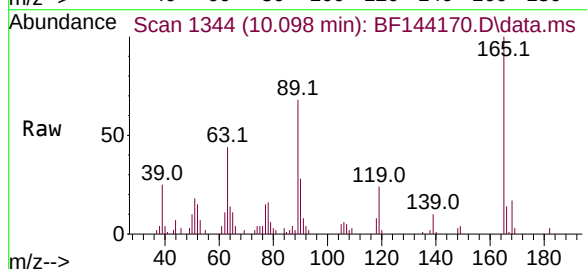
Ion Ratio Lower Upper

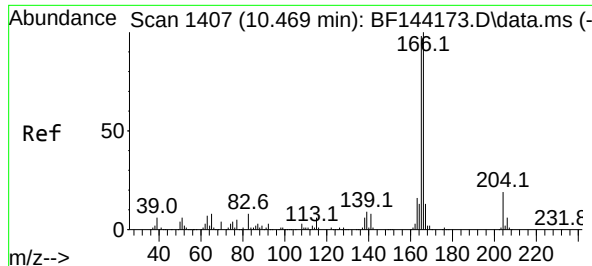
165 100

63 44.4 35.5 53.3

89 68.2 47.4 71.2

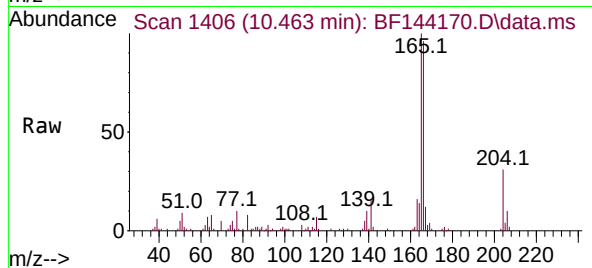
182 3.4 1.9 2.9#





#58
Fluorene
Concen: 5.605 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

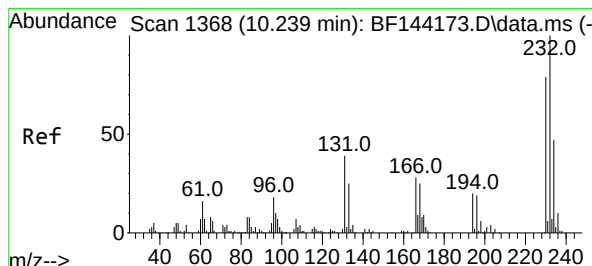
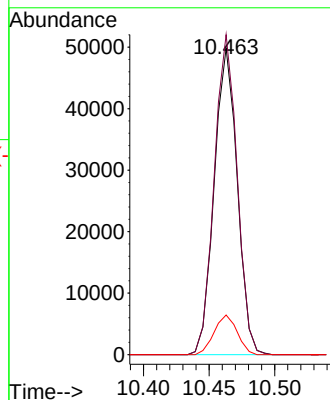
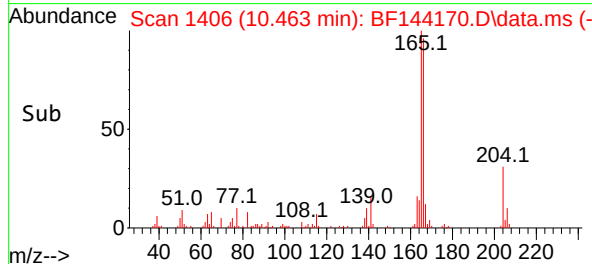
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:166 Resp: 60881
Ion Ratio Lower Upper
166 100
165 104.5 78.6 118.0
167 12.9 10.4 15.6

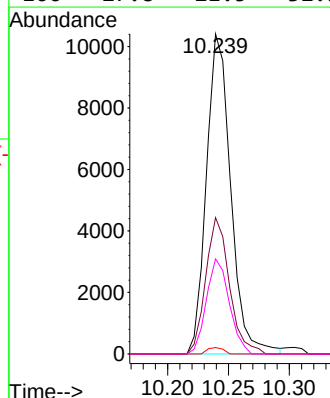
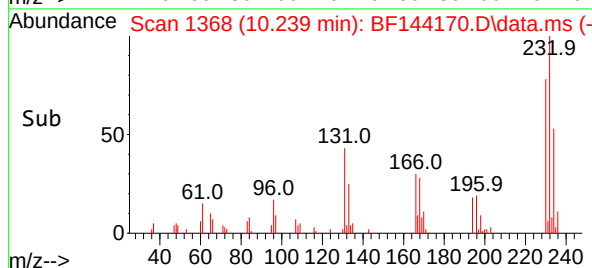
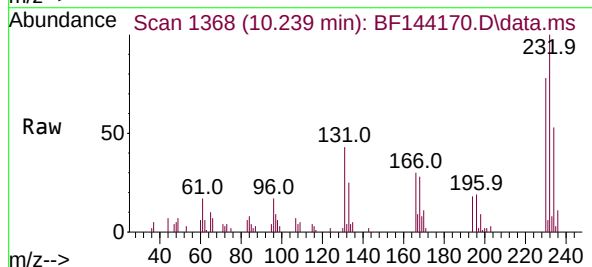
Manual Integrations
APPROVED

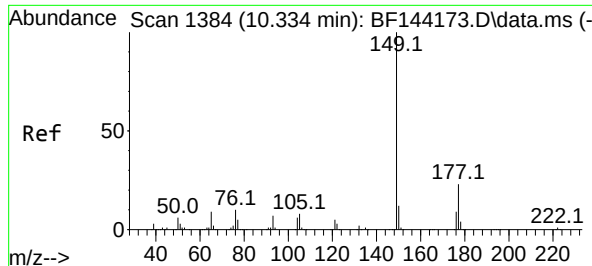
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#59
2,3,4,6-Tetrachlorophenol
Concen: 4.525 ng
RT: 10.239 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

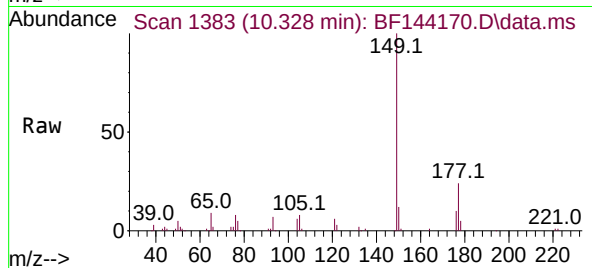
Tgt Ion:232 Resp: 14470
Ion Ratio Lower Upper
232 100
131 41.4 30.3 45.5
130 1.3 1.2 1.8
166 27.8 21.5 32.3





#60
Diethylphthalate
Concen: 5.297 ng
RT: 10.328 min Scan# 1383
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

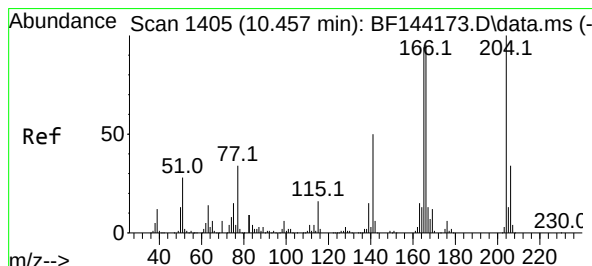
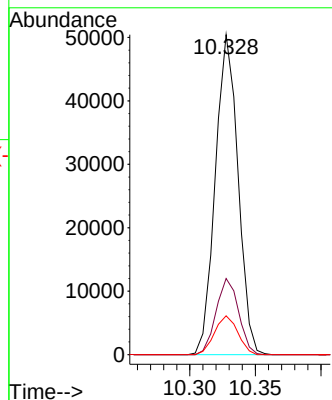
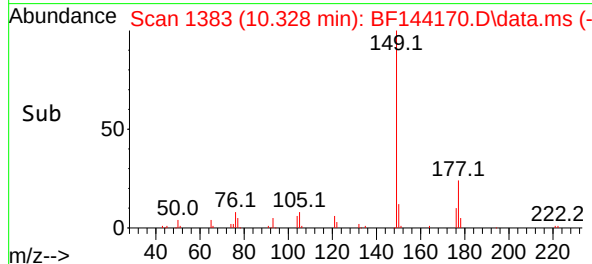
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



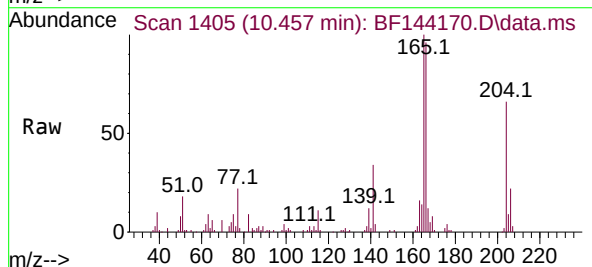
Tgt Ion:149 Resp: 60815
Ion Ratio Lower Upper
149 100
177 23.8 18.3 27.5
150 12.1 9.8 14.6

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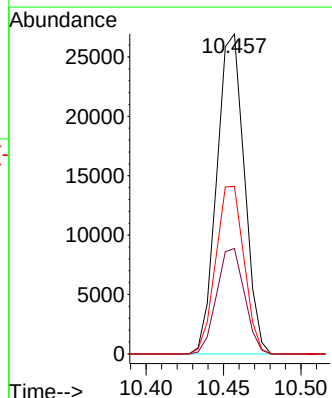
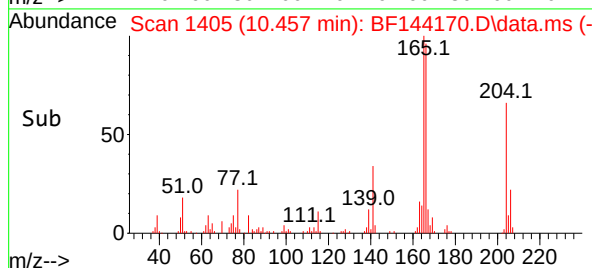
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

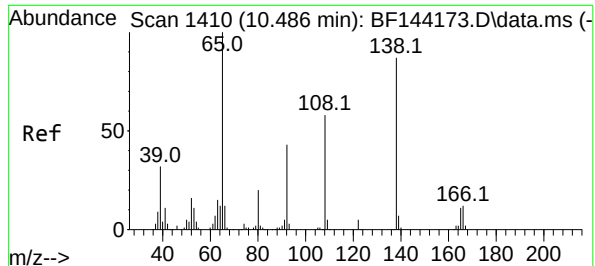


#61
4-Chlorophenyl-phenylether
Concen: 5.401 ng
RT: 10.457 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20



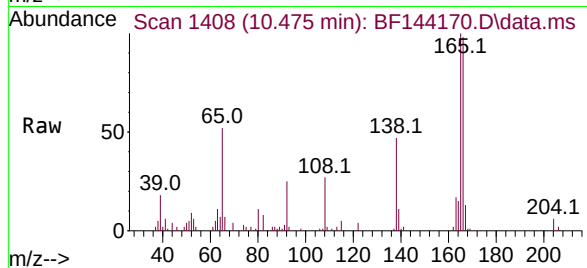
Tgt Ion:204 Resp: 33416
Ion Ratio Lower Upper
204 100
206 32.9 27.4 41.2
141 52.4 40.0 60.0





#62
4-Nitroaniline
Concen: 4.895 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.023 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

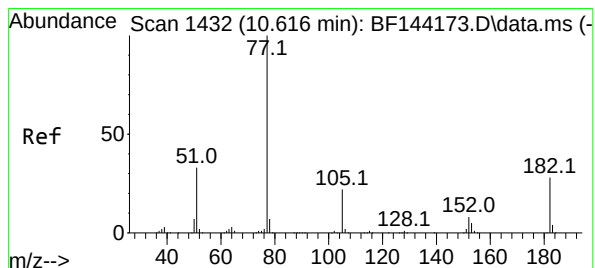
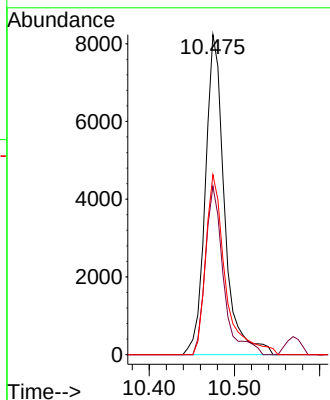
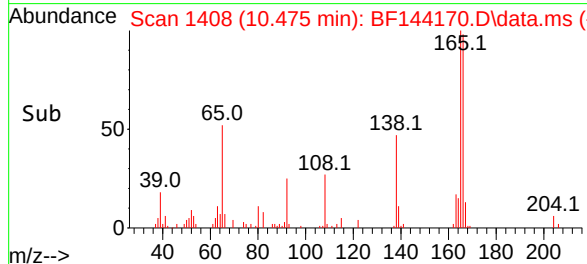
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:138 Resp: 1284
Ion Ratio Lower Upper
138 100
92 52.6 29.4 69.4
108 56.2 46.4 86.4

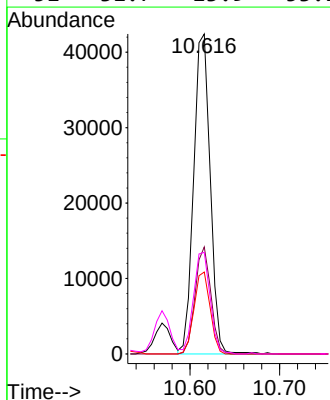
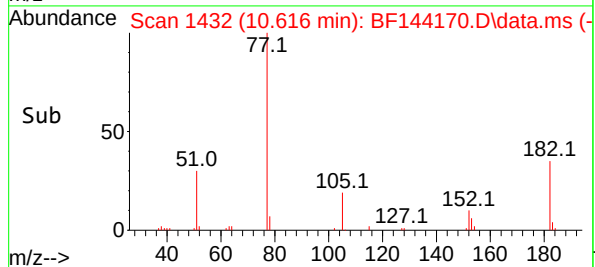
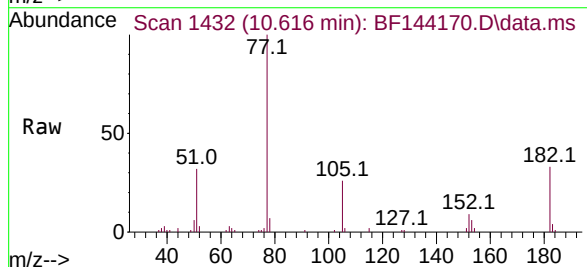
Manual Integrations
APPROVED

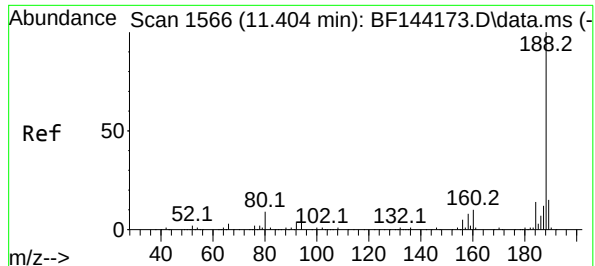
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#63
Azobenzene
Concen: 5.089 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

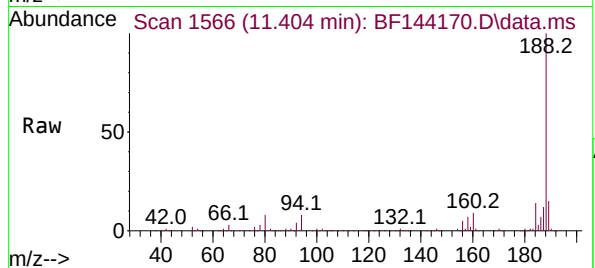
Tgt Ion: 77 Resp: 54383
Ion Ratio Lower Upper
77 100
182 33.4 8.1 48.1
105 25.6 2.0 42.0
51 31.7 13.9 53.9





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

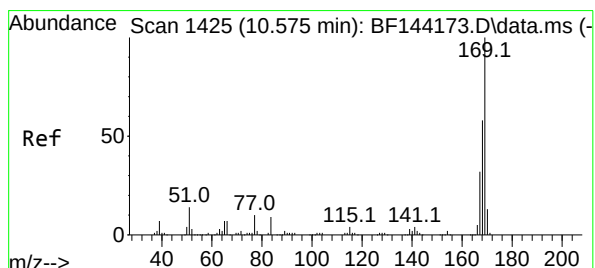
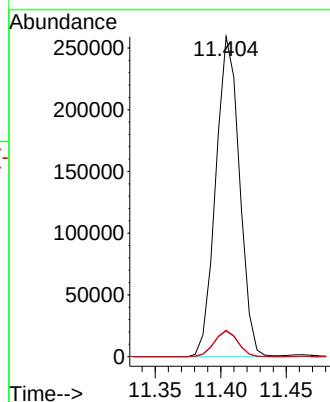
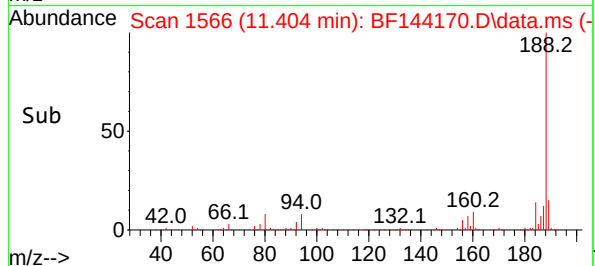
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:188 Resp: 32656
Ion Ratio Lower Upper
188 100
94 8.0 6.2 9.2
80 8.3 6.9 10.3

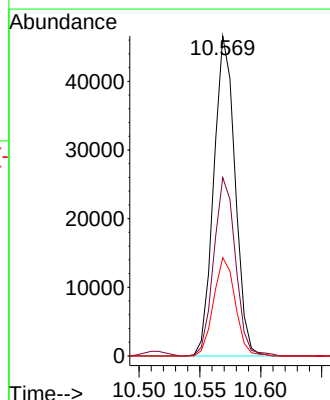
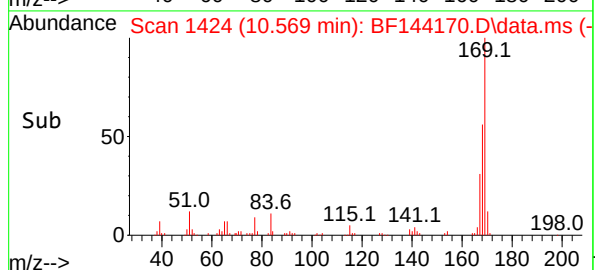
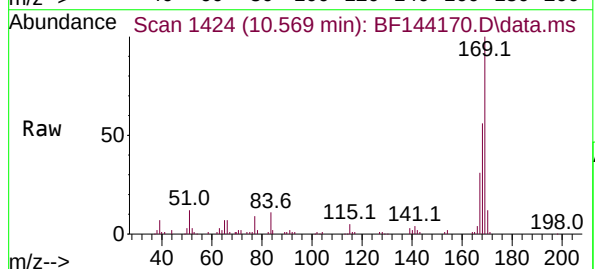
Manual Integrations
APPROVED

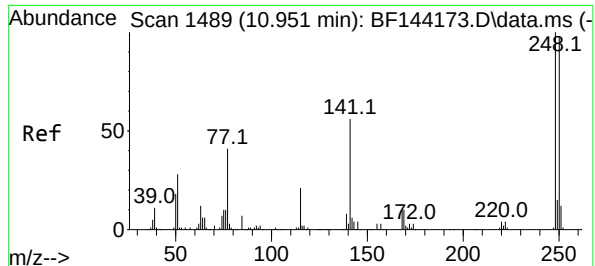
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#66
n-Nitrosodiphenylamine
Concen: 5.401 ng
RT: 10.569 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

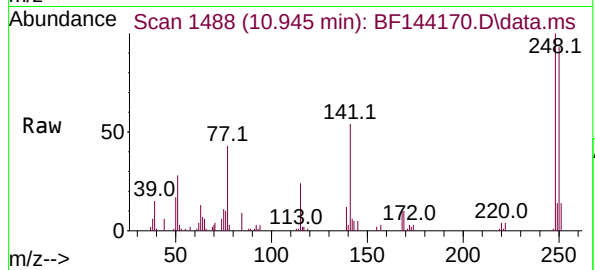
Tgt Ion:169 Resp: 56733
Ion Ratio Lower Upper
169 100
168 55.7 46.2 69.2
167 30.7 25.7 38.5





#67
4-Bromophenyl-phenylether
Concen: 5.169 ng
RT: 10.945 min Scan# 1488
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

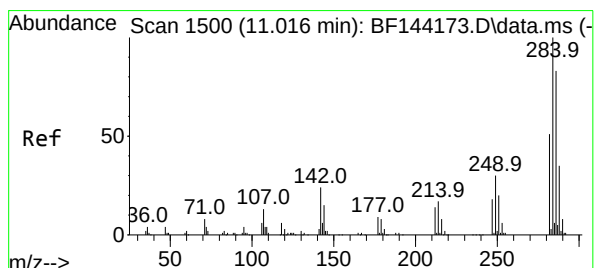
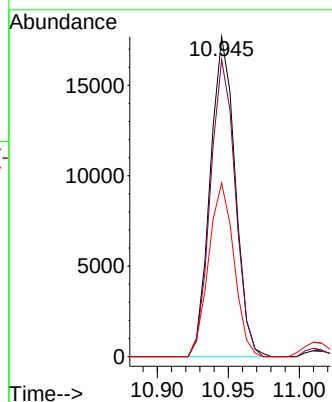
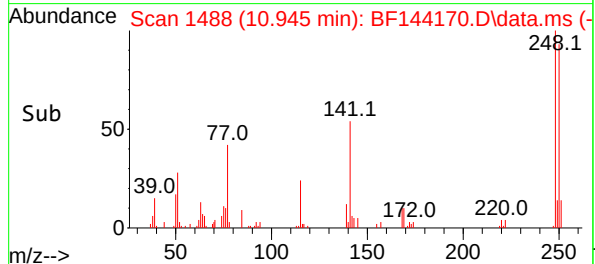
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



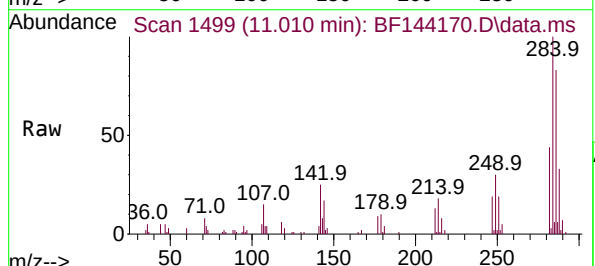
Tgt Ion:248 Resp: 2154
Ion Ratio Lower Upper
248 100
250 92.8 78.4 117.6
141 54.2 45.1 67.7

Manual Integrations
APPROVED

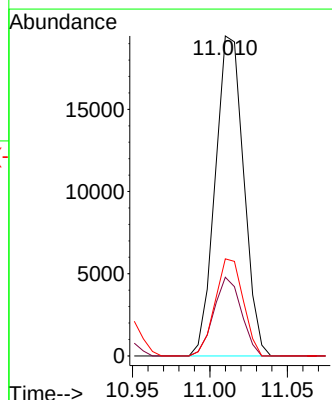
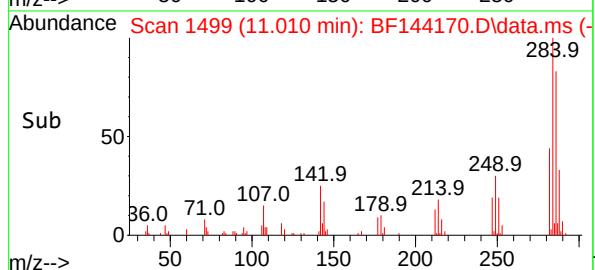
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

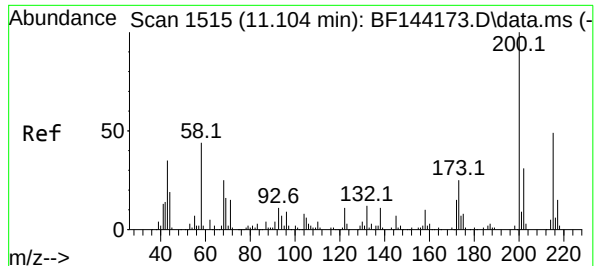


#68
Hexachlorobenzene
Concen: 5.082 ng
RT: 11.010 min Scan# 1499
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20



Tgt Ion:284 Resp: 24951
Ion Ratio Lower Upper
284 100
142 24.6 19.2 28.8
249 30.3 23.8 35.8





#69

Atrazine

Concen: 5.253 ng

RT: 11.098 min Scan# 1514

Delta R.T. -0.012 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:200 Resp: 17546

Ion Ratio Lower Upper

200 100

173 29.3 5.0 45.0

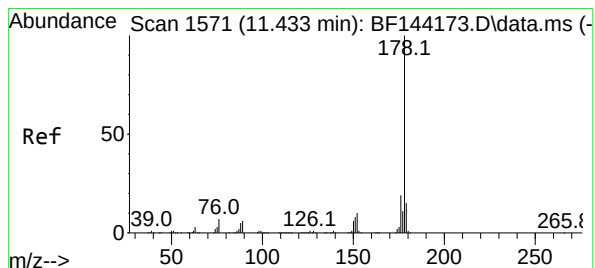
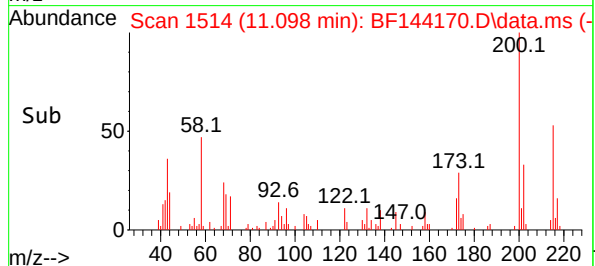
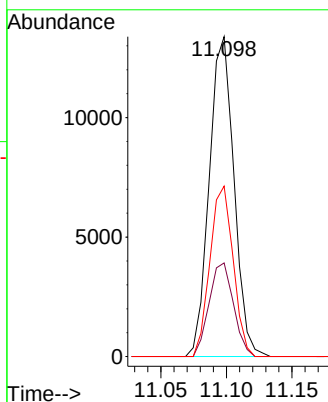
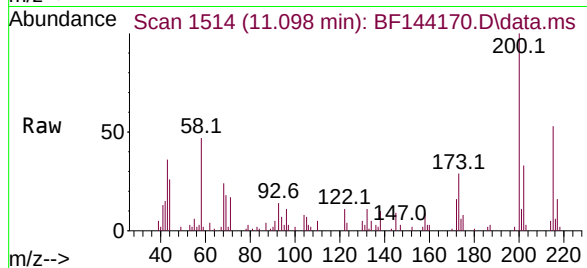
215 53.3 28.7 68.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#71

Phenanthrene

Concen: 5.537 ng

RT: 11.428 min Scan# 1570

Delta R.T. -0.006 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

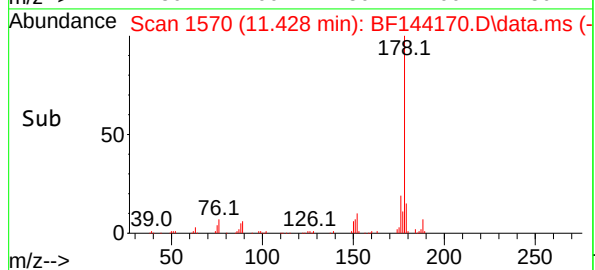
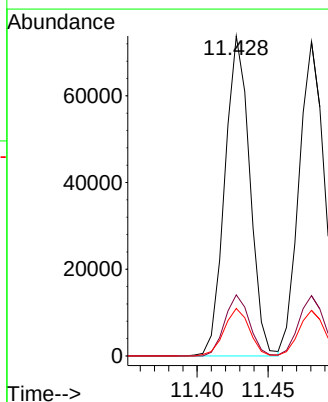
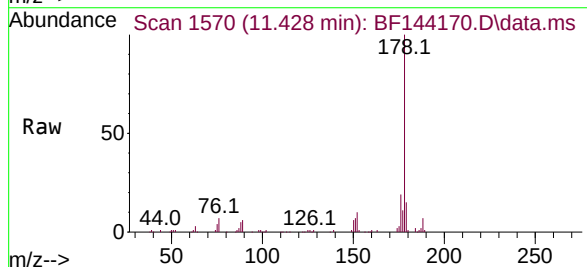
Tgt Ion:178 Resp: 90035

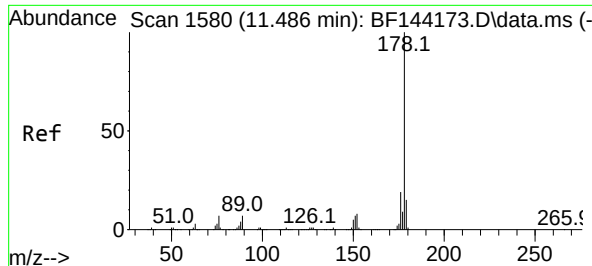
Ion Ratio Lower Upper

178 100

176 19.1 15.5 23.3

179 14.8 12.2 18.4





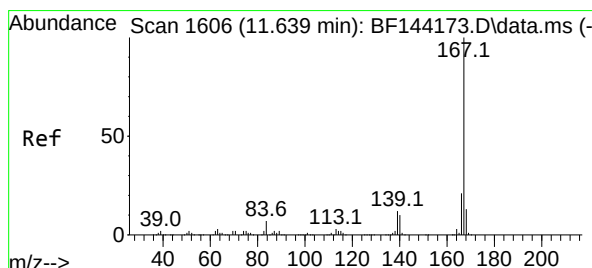
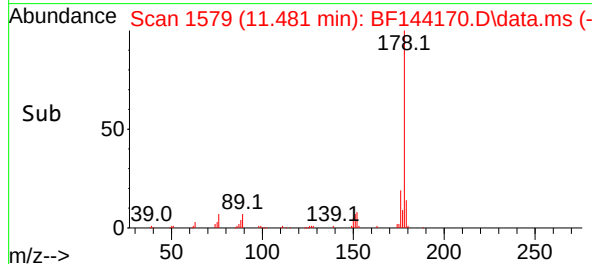
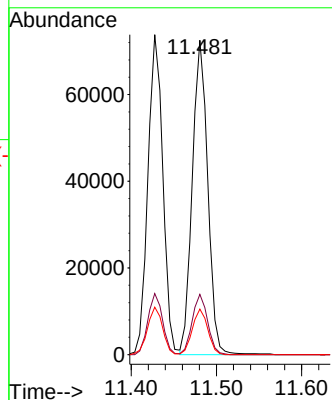
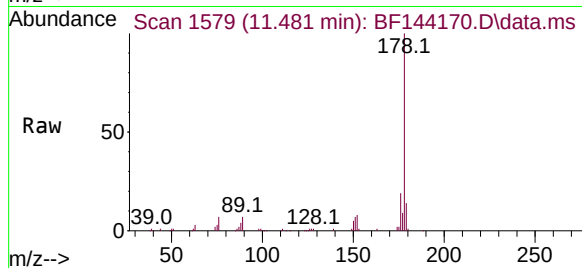
#72
Anthracene
Concen: 5.529 ng
RT: 11.481 min Scan# 11416
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:178 Resp: 91416
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 14.5 12.0 18.0

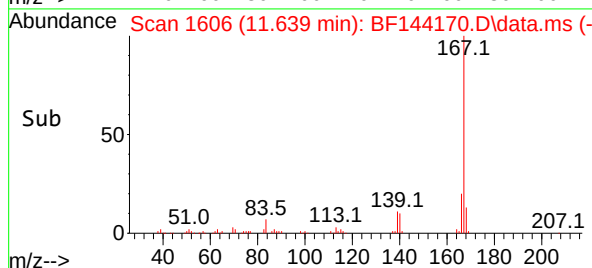
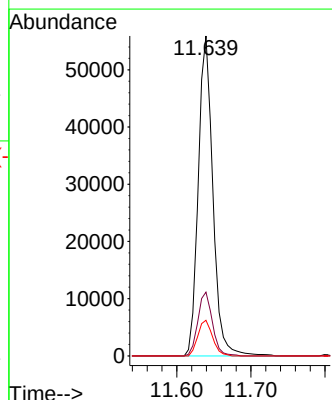
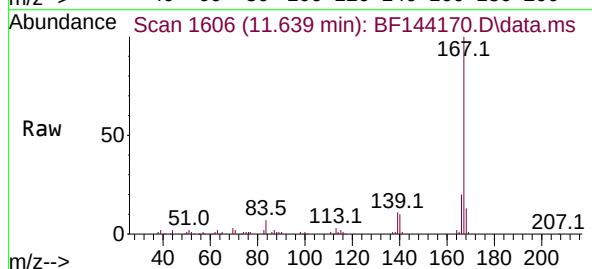
Manual Integrations
APPROVED

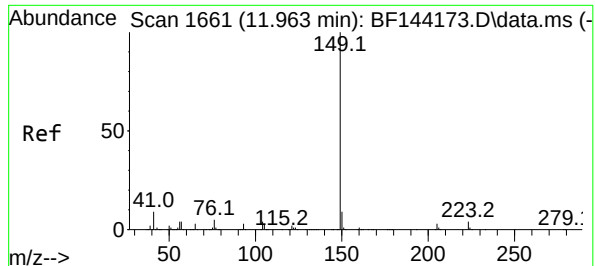
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#73
Carbazole
Concen: 5.449 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

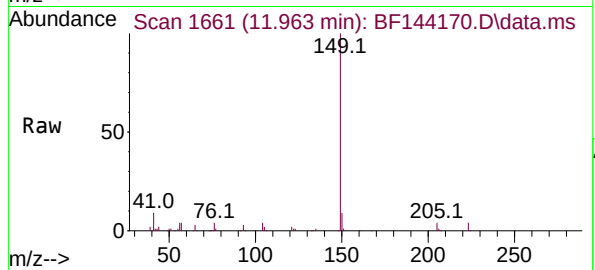
Tgt Ion:167 Resp: 76605
Ion Ratio Lower Upper
167 100
166 19.9 17.2 25.8
139 11.1 9.9 14.9





#74
Di-n-butylphthalate
Concen: 5.163 ng
RT: 11.963 min Scan# 1661
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

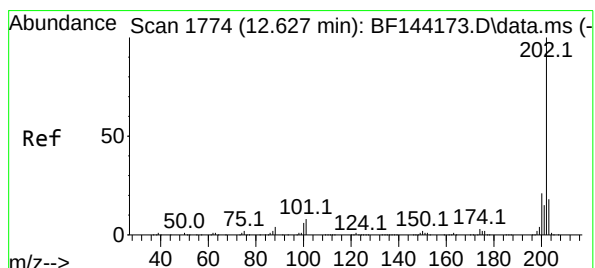
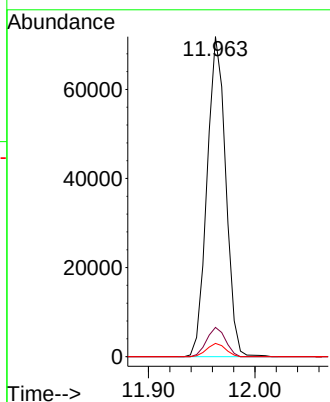
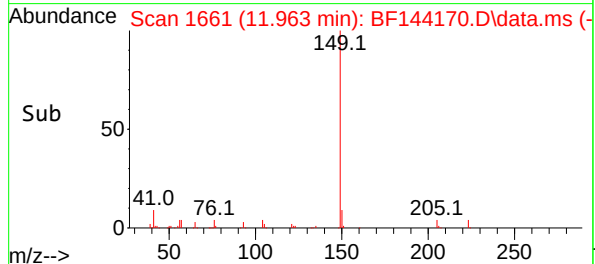
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



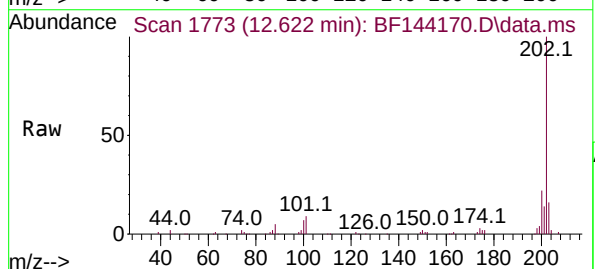
Tgt Ion:149 Resp: 8775
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 4.1 3.4 5.2

Manual Integrations
APPROVED

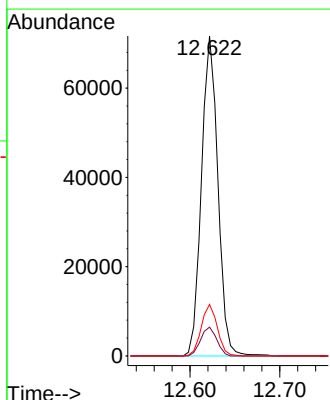
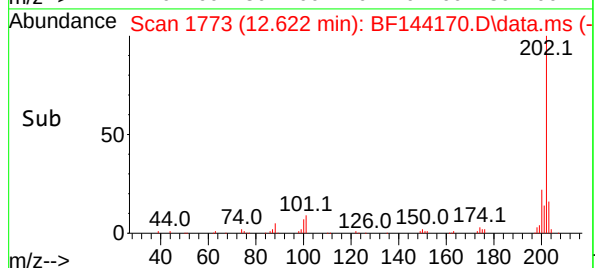
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

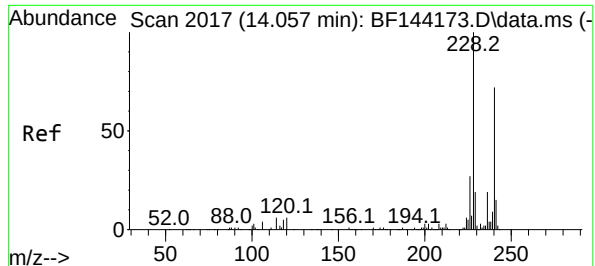


#75
Fluoranthene
Concen: 5.430 ng
RT: 12.622 min Scan# 1773
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20



Tgt Ion:202 Resp: 91198
Ion Ratio Lower Upper
202 100
101 9.0 0.0 27.9
203 16.1 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2017

Delta R.T. -0.012 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:240 Resp: 215706

Ion Ratio Lower Upper

240 100

120 8.6 6.6 10.0

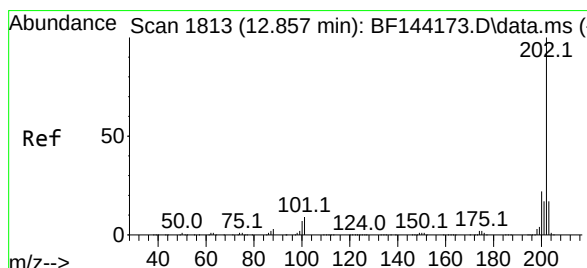
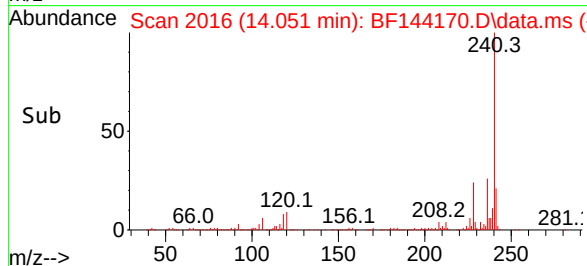
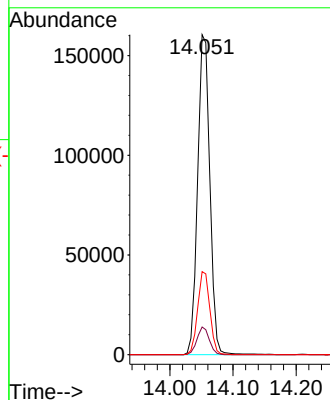
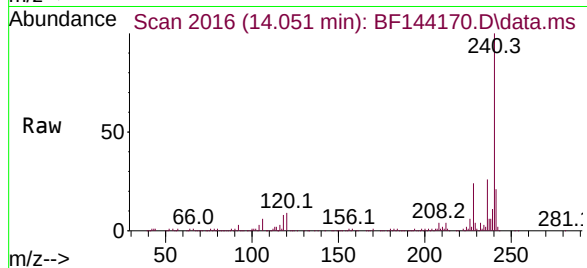
236 25.9 21.4 32.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#78

Pyrene

Concen: 5.465 ng

RT: 12.851 min Scan# 1812

Delta R.T. -0.006 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

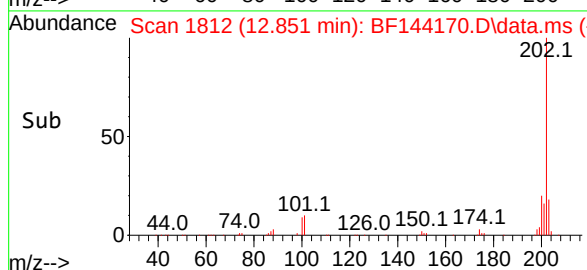
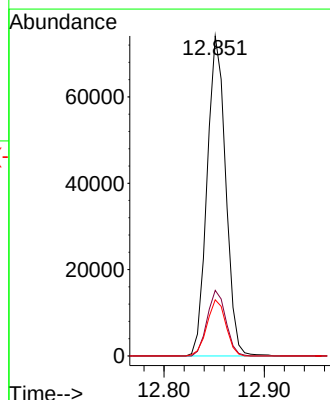
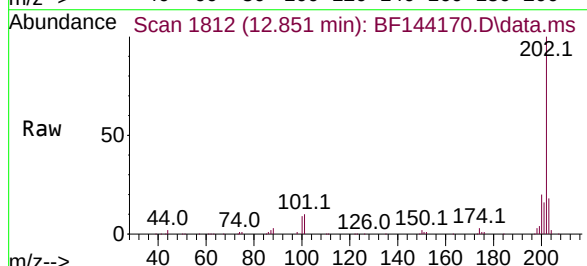
Tgt Ion:202 Resp: 95053

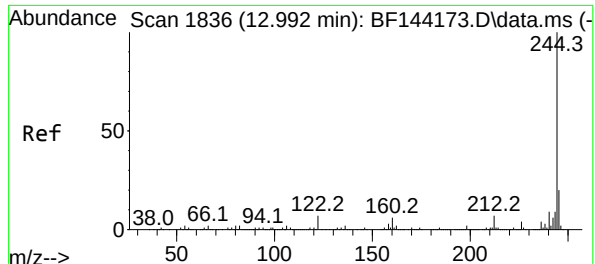
Ion Ratio Lower Upper

202 100

200 20.5 17.2 25.8

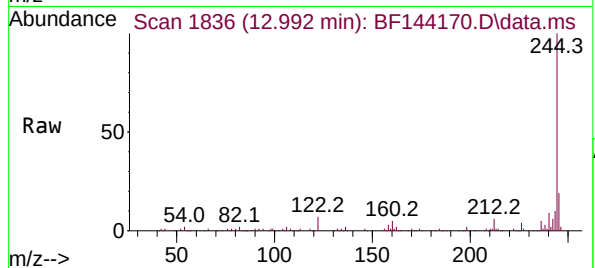
203 17.5 13.7 20.5





#79
Terphenyl-d14
Concen: 11.145 ng
RT: 12.992 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

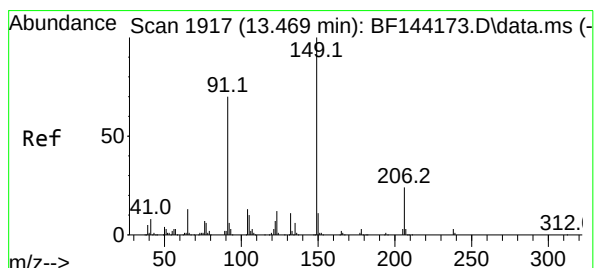
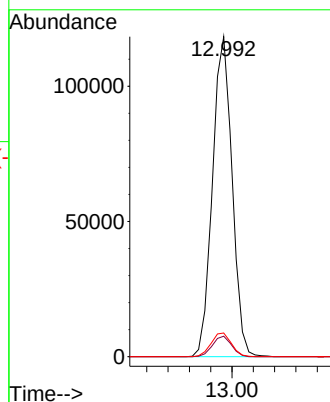
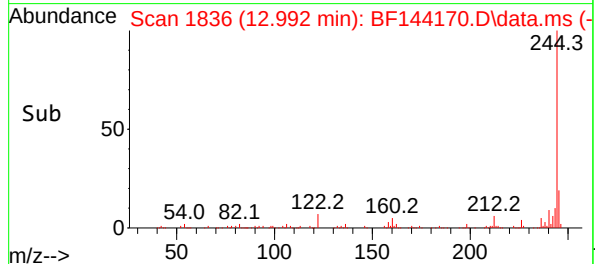
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



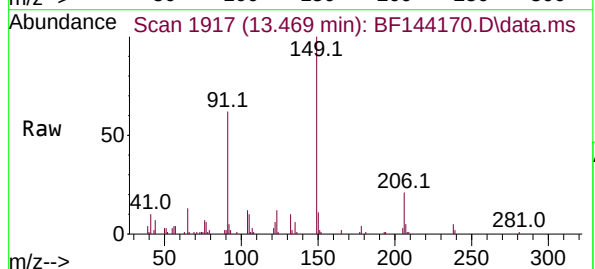
Tgt Ion:244 Resp: 151347
Ion Ratio Lower Upper
244 100
212 6.4 5.3 7.9
122 7.4 5.6 8.4

Manual Integrations
APPROVED

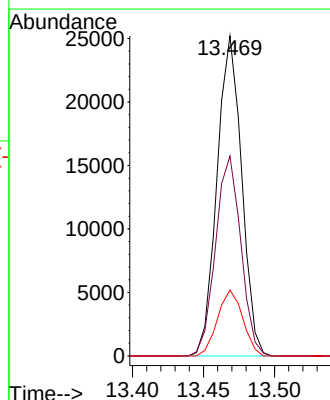
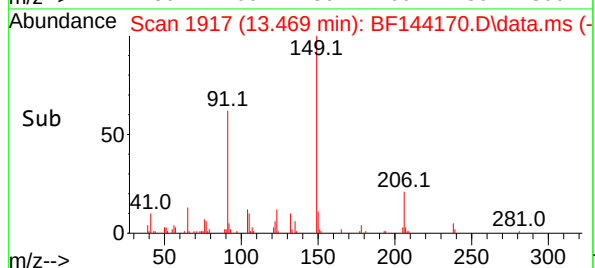
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

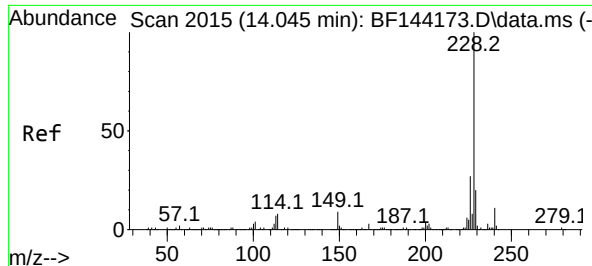


#80
Butylbenzylphthalate
Concen: 5.056 ng
RT: 13.469 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20



Tgt Ion:149 Resp: 30478
Ion Ratio Lower Upper
149 100
91 62.4 56.1 84.1
206 20.6 18.8 28.2





#81

Benzo(a)anthracene

Concen: 5.249 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF144170.D

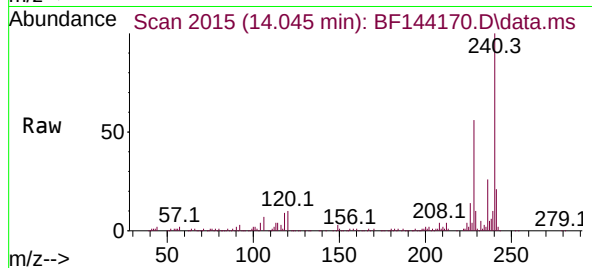
Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



Tgt Ion:228 Resp: 78472

Ion Ratio Lower Upper

228 100

226 25.0 21.8 32.8

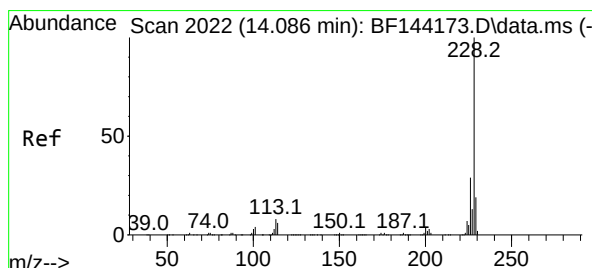
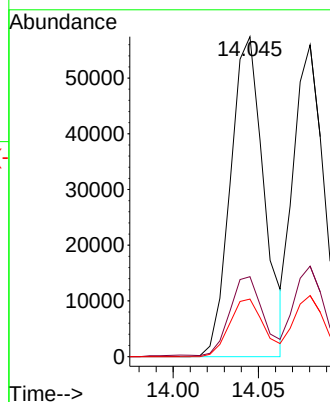
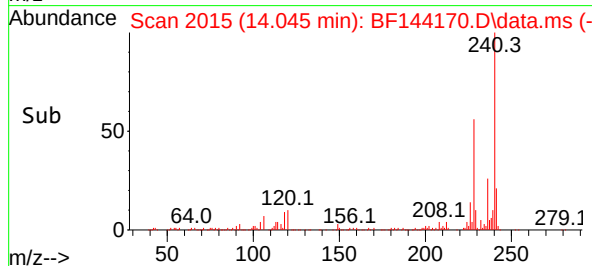
229 18.0 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#83

Chrysene

Concen: 4.986 ng

RT: 14.080 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

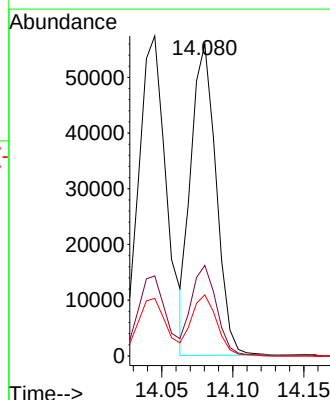
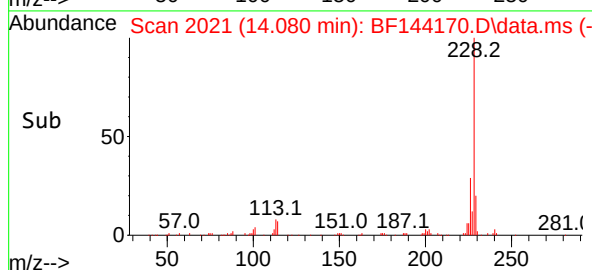
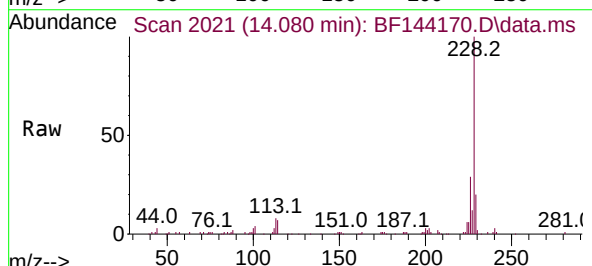
Tgt Ion:228 Resp: 68808

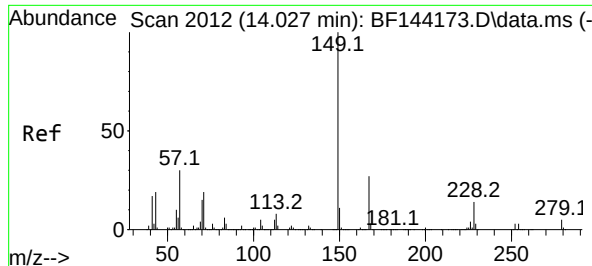
Ion Ratio Lower Upper

228 100

226 29.1 22.9 34.3

229 19.6 15.0 22.6





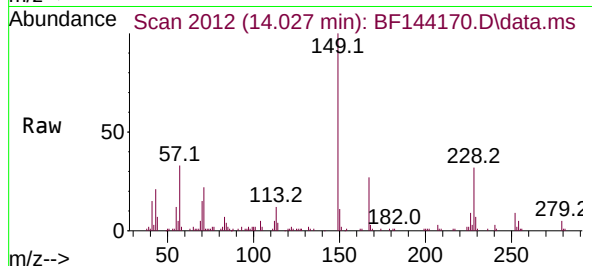
#84
Bis(2-ethylhexyl)phthalate
Concen: 5.054 ng
RT: 14.027 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

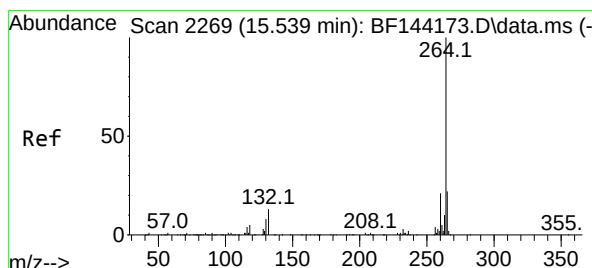
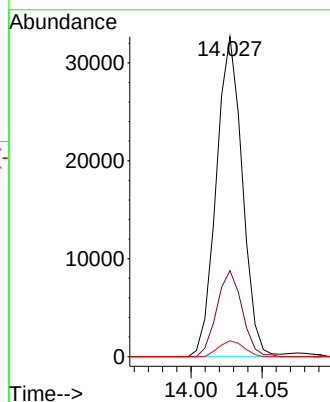
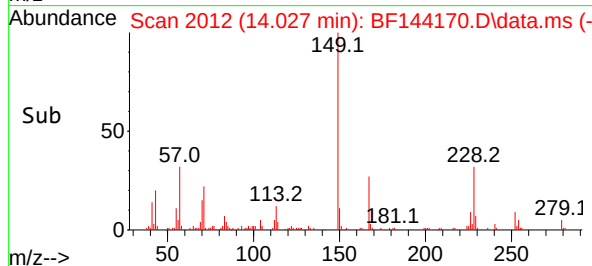


Tgt Ion:149 Resp: 41706
Ion Ratio Lower Upper
149 100
167 26.9 21.8 32.8
279 4.9 3.7 5.5

Manual Integrations

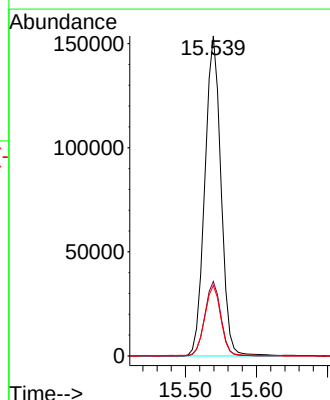
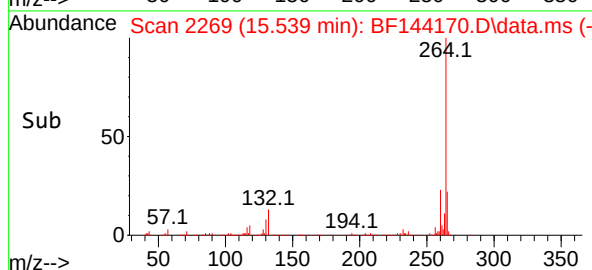
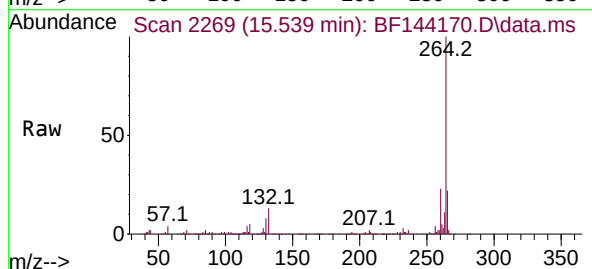
APPROVED

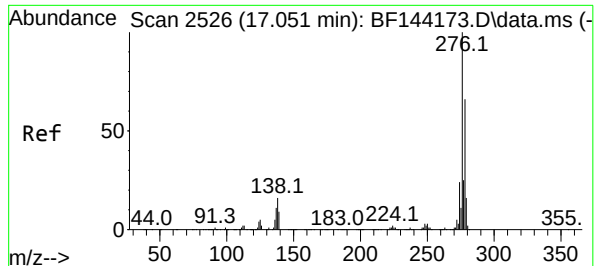
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

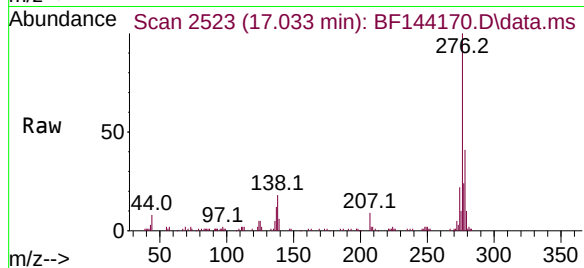
Tgt Ion:264 Resp: 241361
Ion Ratio Lower Upper
264 100
260 23.2 17.1 25.7
265 22.0 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 5.049 ng
RT: 17.033 min Scan# 2194
Delta R.T. -0.029 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

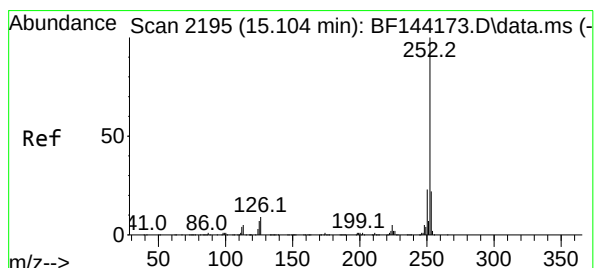
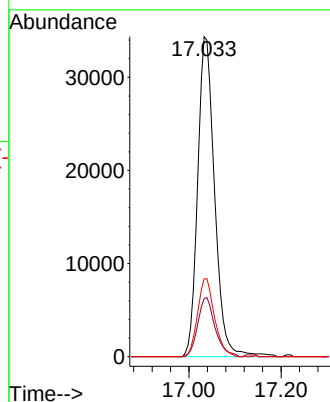
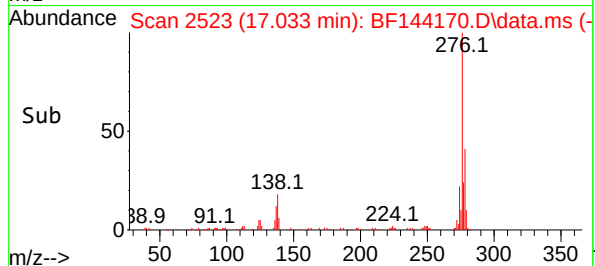
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:276 Resp: 87482
Ion Ratio Lower Upper
276 100
138 18.9 13.9 20.9
277 24.2 19.8 29.6

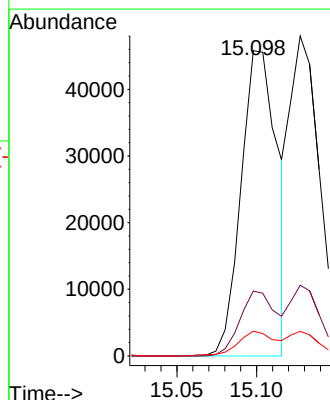
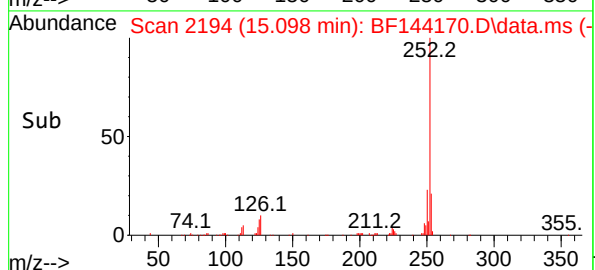
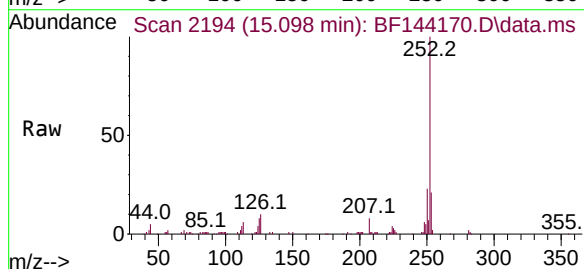
Manual Integrations
APPROVED

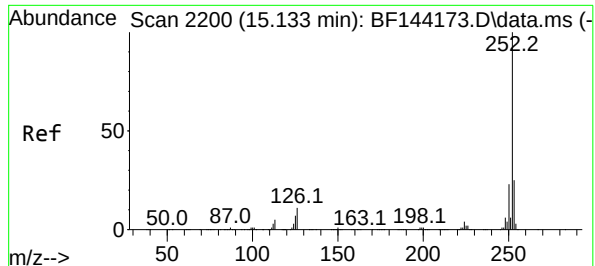
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#88
Benzo(b)fluoranthene
Concen: 5.273 ng m
RT: 15.098 min Scan# 2194
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:252 Resp: 72360
Ion Ratio Lower Upper
252 100
253 21.2 17.4 26.2
125 8.1 5.3 7.9#





#89

Benzo(k)fluoranthene

Concen: 5.060 ng

RT: 15.127 min Scan# 21

Delta R.T. -0.017 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

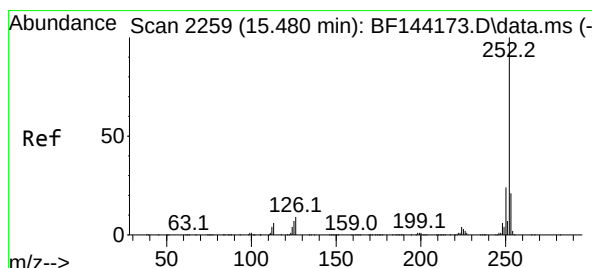
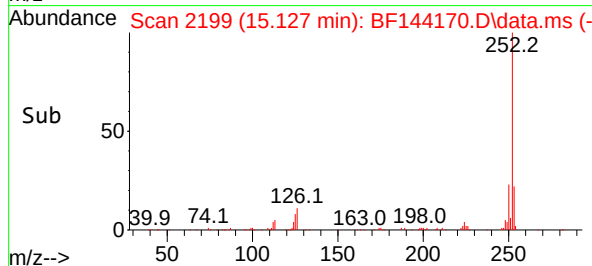
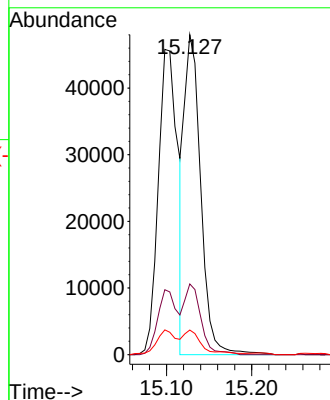
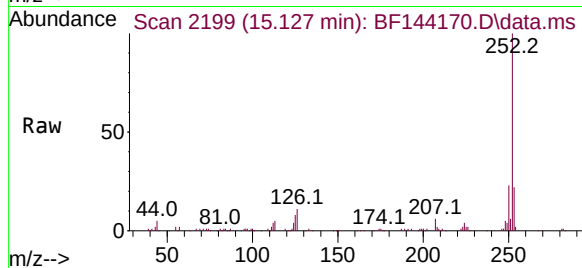
SSTDICC005

Tgt Ion:	252	Resp:	64984
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.0	27.0
125	7.7	5.4	8.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#90

Benzo(a)pyrene

Concen: 5.071 ng

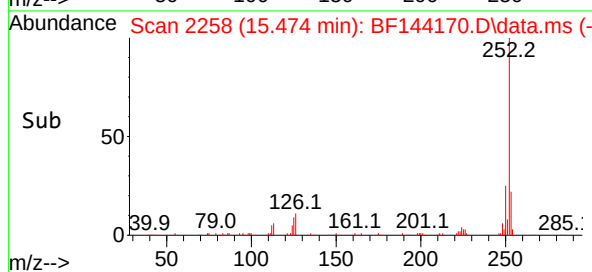
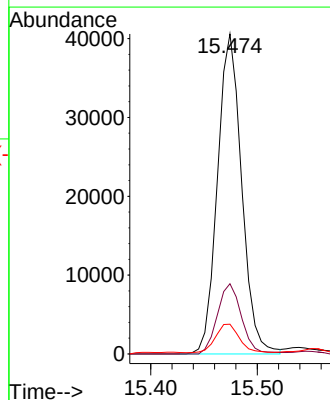
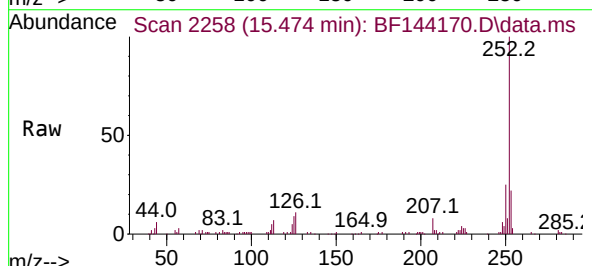
RT: 15.474 min Scan# 2258

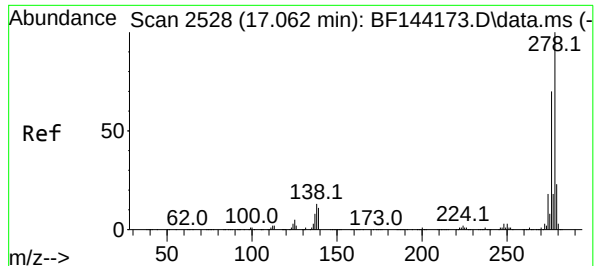
Delta R.T. -0.012 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Tgt Ion:	252	Resp:	64190
Ion Ratio	Lower	Upper	
252	100		
253	21.9	16.7	25.1
125	9.3	5.7	8.5





#91

Dibenzo(a,h)anthracene

Concen: 5.010 ng

RT: 17.051 min Scan# 2528

Delta R.T. -0.029 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:278 Resp: 69714

Ion Ratio Lower Upper

278 100

139 11.7 9.1 13.7

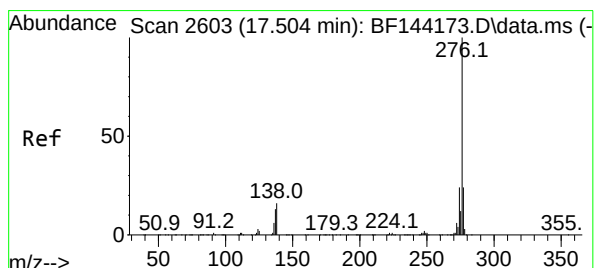
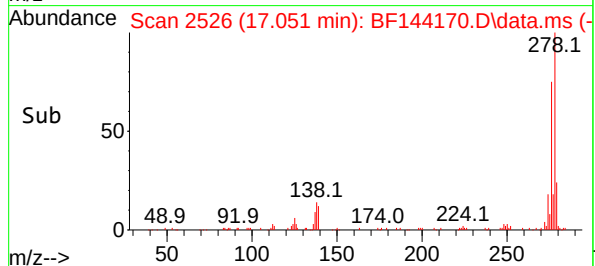
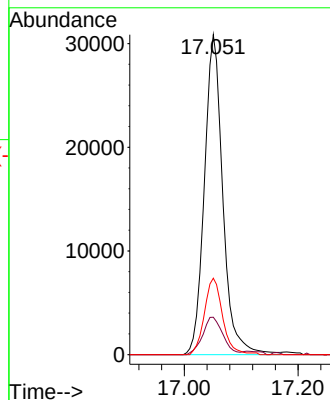
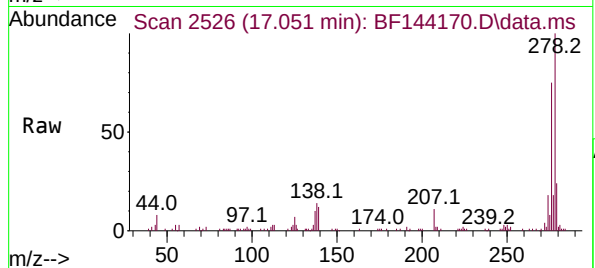
279 23.9 18.2 27.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#92

Benzo(g,h,i)perylene

Concen: 4.810 ng

RT: 17.492 min Scan# 2601

Delta R.T. -0.029 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

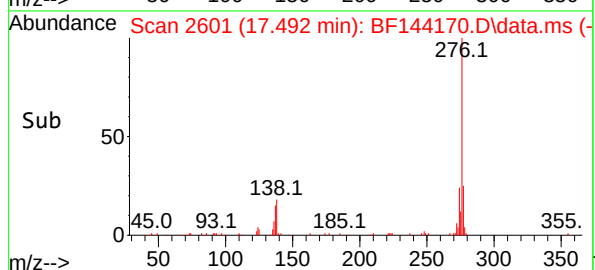
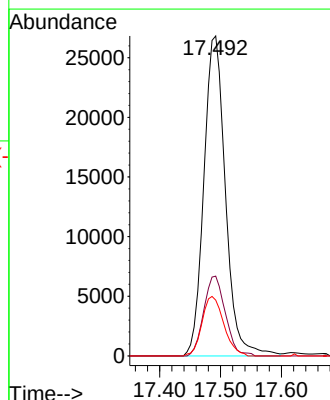
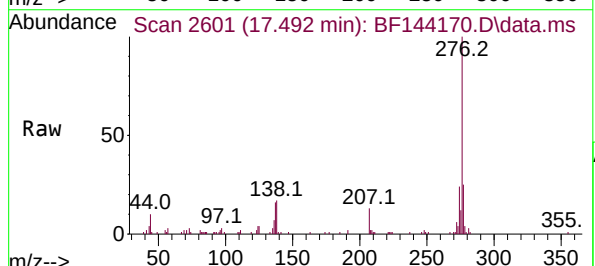
Tgt Ion:276 Resp: 66099

Ion Ratio Lower Upper

276 100

277 24.9 19.0 28.4

138 17.4 12.9 19.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144171.D
 Acq On : 05 Nov 2025 13:50
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Quant Time: Nov 05 17:23:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	112609	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	438512	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	261107	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	469428	20.000	ng	0.00
76) Chrysene-d12	14.057	240	296506	20.000	ng	0.00
86) Perylene-d12	15.539	264	311371	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	146731	20.391	ng	0.00
7) Phenol-d6	6.498	99	170929	20.963	ng	-0.01
23) Nitrobenzene-d5	7.434	82	154488	20.347	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	66981	20.442	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	372845	21.090	ng	-0.01
79) Terphenyl-d14	12.992	244	419548	22.476	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.616	88	27411	9.214	ng	97
3) Pyridine	3.393	79	79148	9.536	ng	99
4) n-Nitrosodimethylamine	3.322	42	40456	9.331	ng	95
6) Aniline	6.534	93	122118	10.512	ng	98
8) 2-Chlorophenol	6.657	128	73729	10.448	ng	99
9) Benzaldehyde	6.422	77	58146	12.629	ng	98
10) Phenol	6.510	94	106765	10.717	ng	96
11) bis(2-Chloroethyl)ether	6.604	93	75075	10.342	ng	98
12) 1,3-Dichlorobenzene	6.816	146	88594	10.174	ng	98
13) 1,4-Dichlorobenzene	6.893	146	87984	10.085	ng	96
14) 1,2-Dichlorobenzene	7.045	146	84997	10.165	ng	98
15) Benzyl Alcohol	7.010	79	64160	9.937	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.140	45	139062	10.403	ng	97
17) 2-Methylphenol	7.122	107	59368	10.575	ng	98
18) Hexachloroethane	7.387	117	28876	9.963	ng	97
19) n-Nitroso-di-n-propyla...	7.275	70	57621	10.735	ng	98
20) 3+4-Methylphenols	7.275	107	74874	11.314	ng	96
22) Acetophenone	7.281	105	101777	10.819	ng	97
24) Nitrobenzene	7.451	77	85567	10.380	ng	98
25) Isophorone	7.692	82	146541	10.204	ng	98
26) 2-Nitrophenol	7.769	139	41083	10.067	ng	97
27) 2,4-Dimethylphenol	7.804	122	60896	9.956	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	91497	10.202	ng	95
29) 2,4-Dichlorophenol	8.016	162	75032	10.643	ng	97
30) 1,2,4-Trichlorobenzene	8.098	180	76623	10.585	ng	94
31) Naphthalene	8.181	128	220903	10.590	ng	99
32) Benzoic acid	7.910	122	58822	13.120	ng	92
33) 4-Chloroaniline	8.228	127	79703	10.476	ng	97
34) Hexachlorobutadiene	8.292	225	54849	10.054	ng	96
35) Caprolactam	8.575	113	20560	10.645	ng	99
36) 4-Chloro-3-methylphenol	8.704	107	67228	10.641	ng	96
37) 2-Methylnaphthalene	8.869	142	147427	10.571	ng	99
38) 1-Methylnaphthalene	8.969	142	149280	11.093	ng	97
40) 1,2,4,5-Tetrachloroben...	9.034	216	86408	10.098	ng	99
41) Hexachlorocyclopentadiene	9.022	237	15765	10.609	ng	93
43) 2,4,6-Trichlorophenol	9.145	196	58560	10.054	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144171.D
 Acq On : 05 Nov 2025 13:50
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Quant Time: Nov 05 17:23:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

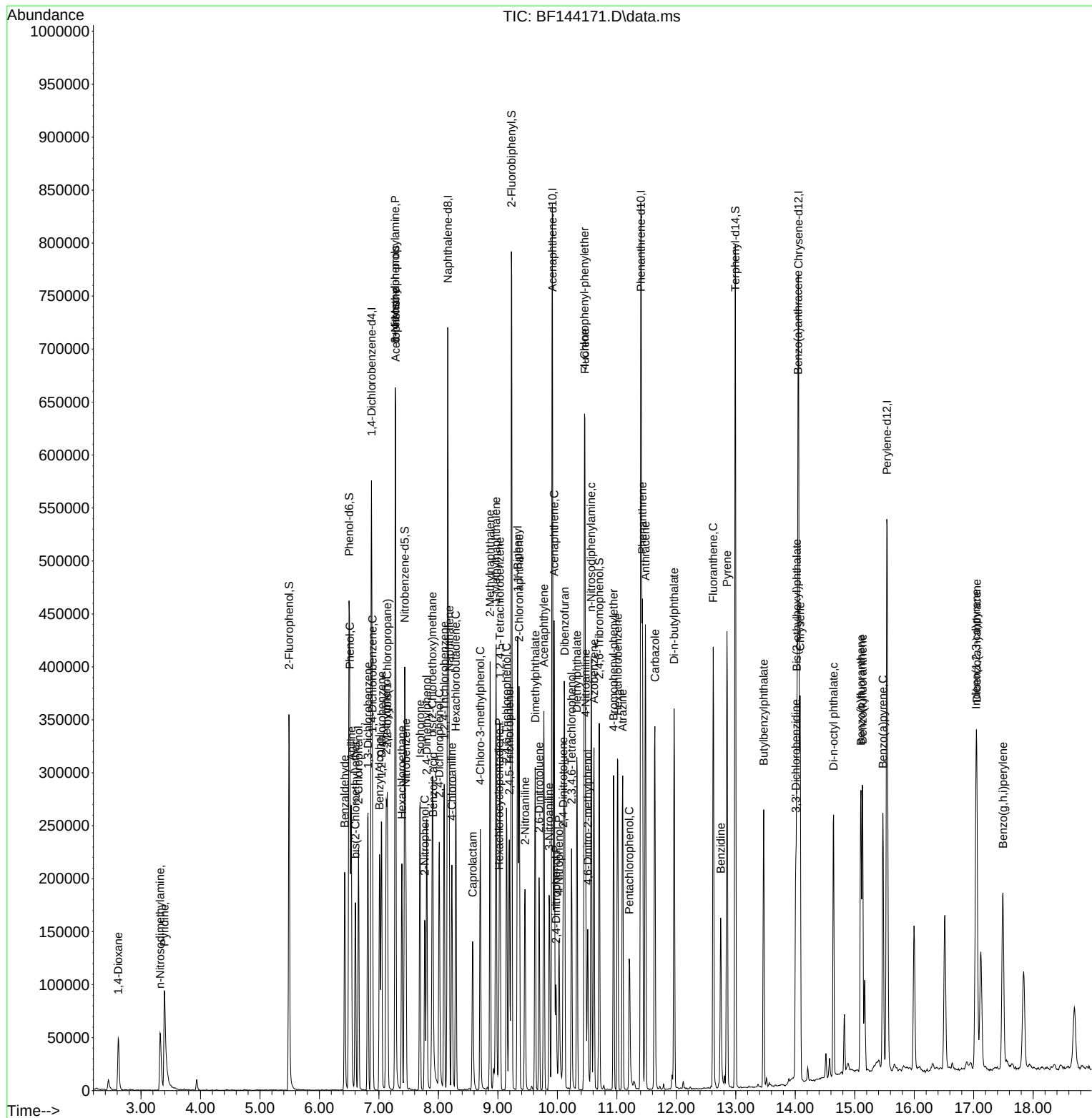
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	63779	10.160	ng	98
46) 1,1'-Biphenyl	9.334	154	188739	10.355	ng	99
47) 2-Chloronaphthalene	9.357	162	158745	10.211	ng	100
48) 2-Nitroaniline	9.457	65	45323	10.104	ng	97
49) Acenaphthylene	9.775	152	220118	10.390	ng	99
50) Dimethylphthalate	9.628	163	175284	10.133	ng	99
51) 2,6-Dinitrotoluene	9.692	165	35433	10.119	ng	98
52) Acenaphthene	9.945	154	151661	10.705	ng	99
53) 3-Nitroaniline	9.863	138	39270	10.259	ng	99
54) 2,4-Dinitrophenol	9.981	184	26319	12.447	ng	97
55) Dibenzofuran	10.122	168	208943	10.530	ng	99
56) 4-Nitrophenol	10.028	139	35627	12.867	ng	98
57) 2,4-Dinitrotoluene	10.098	165	49257	10.508	ng	# 98
58) Fluorene	10.463	166	159623	10.581	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	45333	10.207	ng	97
60) Diethylphthalate	10.328	149	166246	10.426	ng	98
61) 4-Chlorophenyl-phenyle...	10.457	204	91478	10.645	ng	99
62) 4-Nitroaniline	10.475	138	37821	10.375	ng	98
63) Azobenzene	10.616	77	157098	10.586	ng	96
65) 4,6-Dinitro-2-methylph...	10.510	198	34516	10.823	ng	99
66) n-Nitrosodiphenylamine	10.569	169	158661	10.509	ng	98
67) 4-Bromophenyl-phenylether	10.945	248	60929	10.169	ng	96
68) Hexachlorobenzene	11.016	284	71759	10.168	ng	94
69) Atrazine	11.098	200	49466	10.302	ng	97
70) Pentachlorophenol	11.210	266	31673	9.012	ng	97
71) Phenanthrene	11.428	178	244478	10.460	ng	99
72) Anthracene	11.480	178	248511	10.457	ng	99
73) Carbazole	11.639	167	215269	10.652	ng	98
74) Di-n-butylphthalate	11.963	149	258464	10.580	ng	99
75) Fluoranthene	12.622	202	250112	10.359	ng	99
77) Benzidine	12.745	184	104876	11.958	ng	99
78) Pyrene	12.851	202	258743	10.823	ng	99
80) Butylbenzylphthalate	13.469	149	87462	10.556	ng	96
81) Benzo(a)anthracene	14.045	228	198590	9.664	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	67166	9.535	ng	97
83) Chrysene	14.080	228	184604	9.731	ng	98
84) Bis(2-ethylhexyl)phtha...	14.027	149	109593	9.662	ng	98
85) Di-n-octyl phthalate	14.645	149	172428	8.811	ng	99
87) Indeno(1,2,3-cd)pyrene	17.039	276	219736	9.831	ng	99
88) Benzo(b)fluoranthene	15.104	252	176369	9.963	ng	99
89) Benzo(k)fluoranthene	15.133	252	170386	10.283	ng	98
90) Benzo(a)pyrene	15.474	252	163529	10.013	ng	97
91) Dibenzo(a,h)anthracene	17.051	278	179793	10.016	ng	98
92) Benzo(g,h,i)perylene	17.492	276	175090	9.877	ng	100

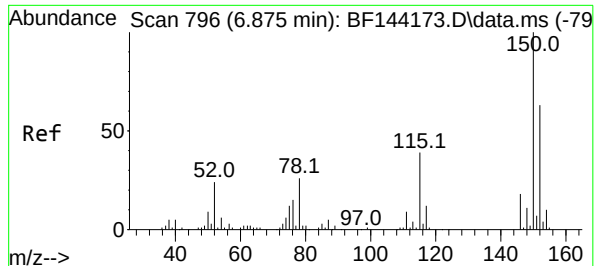
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144171.D
Acq On : 05 Nov 2025 13:50
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

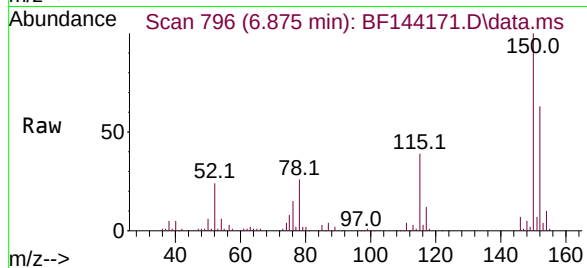
Quant Time: Nov 05 17:23:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration



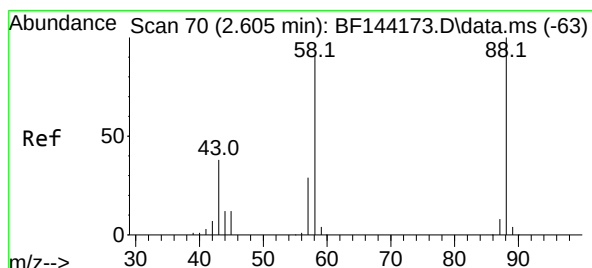
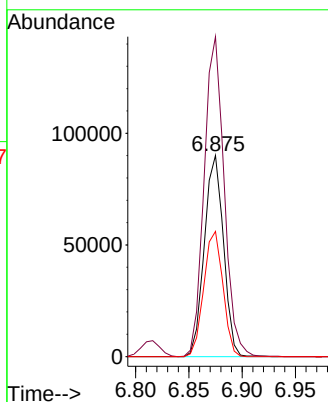
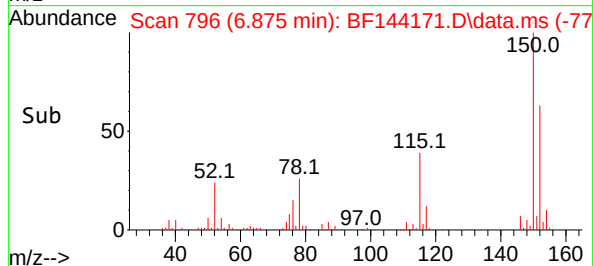


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

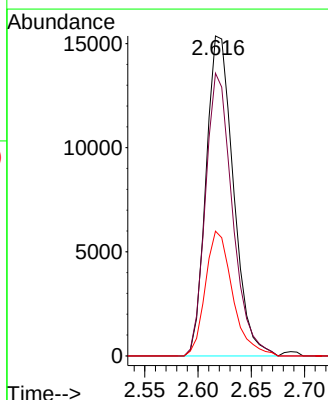
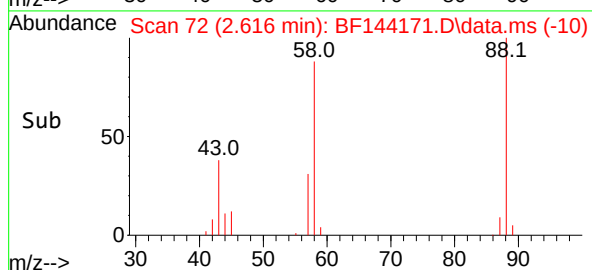
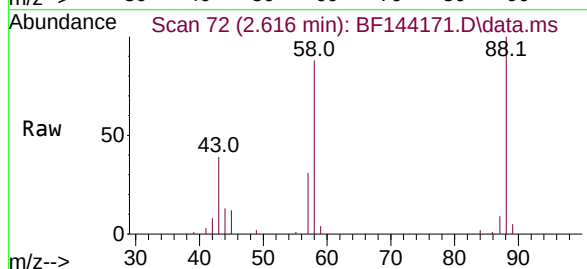


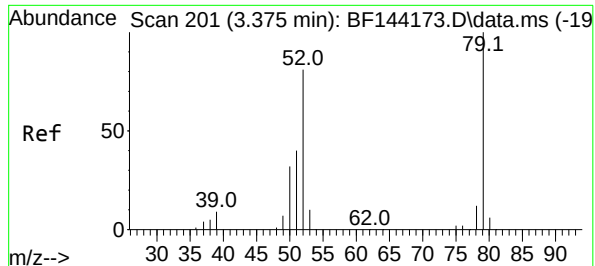
Tgt Ion:152 Resp: 112609
Ion Ratio Lower Upper
152 100
150 159.0 127.4 191.0
115 62.3 49.5 74.3



#2
1,4-Dioxane
Concen: 9.214 ng
RT: 2.616 min Scan# 72
Delta R.T. 0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion: 88 Resp: 27411
Ion Ratio Lower Upper
88 100
58 87.1 73.1 109.7
43 38.9 31.0 46.6

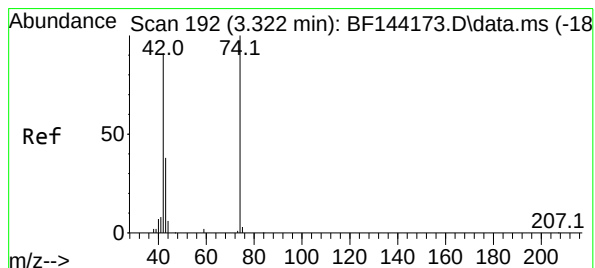
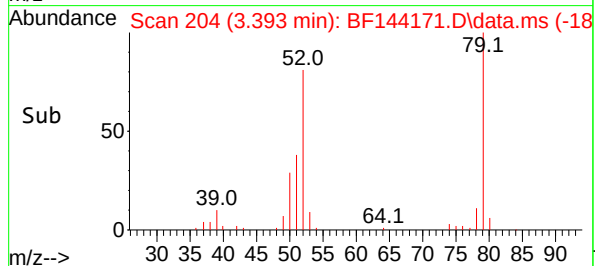
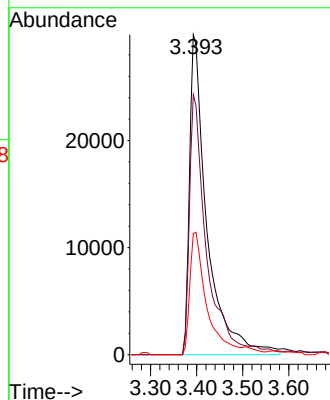
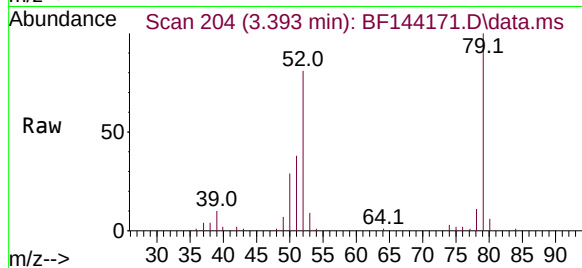




#3
Pyridine
Concen: 9.536 ng
RT: 3.393 min Scan# 201
Delta R.T. 0.018 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

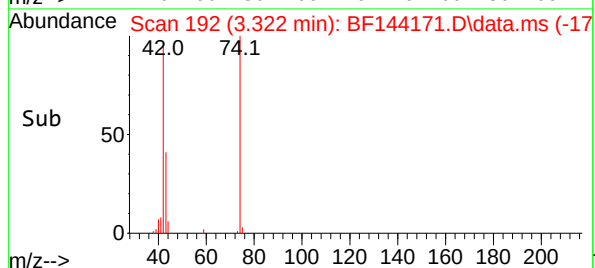
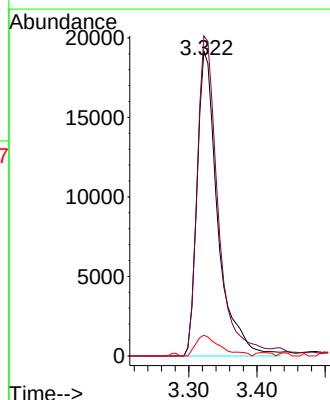
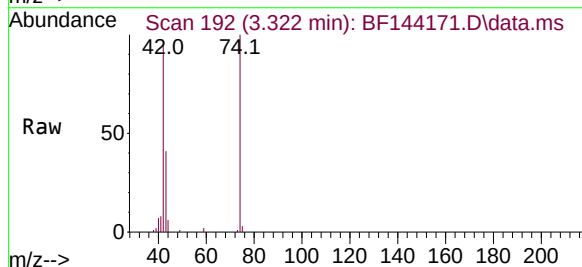
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

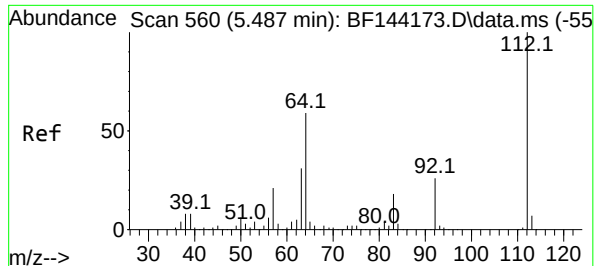
Tgt Ion	Ratio	Lower	Upper
79	100		
52	81.3	64.5	96.7
51	37.8	31.7	47.5



#4
n-Nitrosodimethylamine
Concen: 9.331 ng
RT: 3.322 min Scan# 192
Delta R.T. -0.023 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion	Ratio	Lower	Upper
42	100		
74	105.1	88.2	132.4
44	6.8	5.7	8.5



#5
2-Fluorophenol

Concen: 20.391 ng

RT: 5.487 min Scan# 50

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

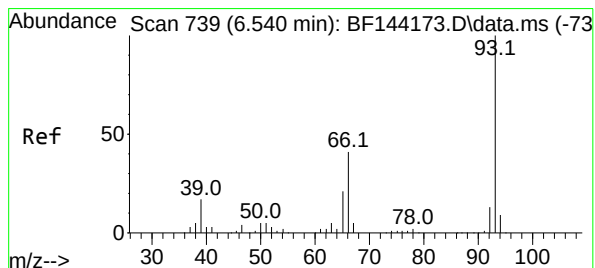
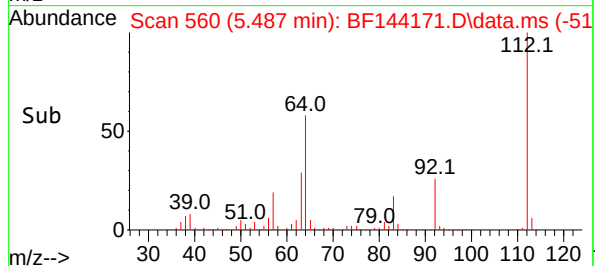
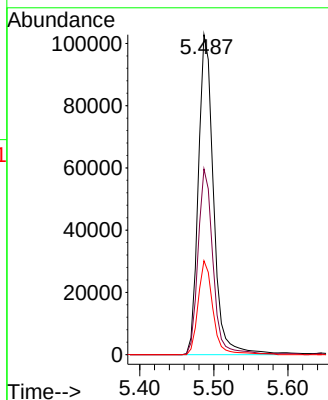
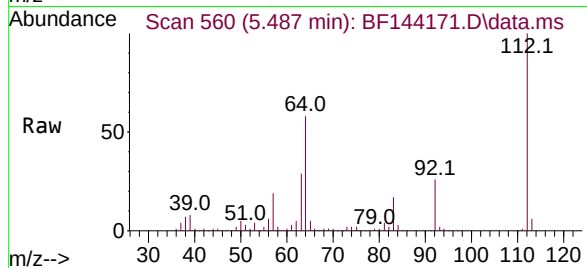
Tgt Ion:112 Resp: 146731

Ion Ratio Lower Upper

112 100

64 58.0 47.2 70.8

63 29.3 24.4 36.6



#6

Aniline

Concen: 10.512 ng

RT: 6.534 min Scan# 738

Delta R.T. -0.012 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

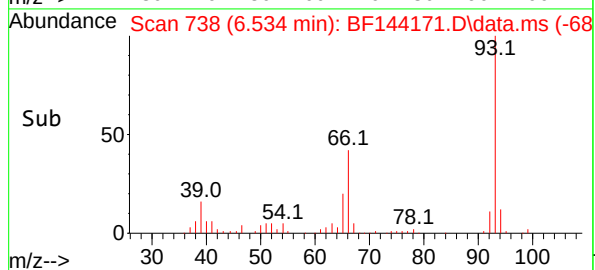
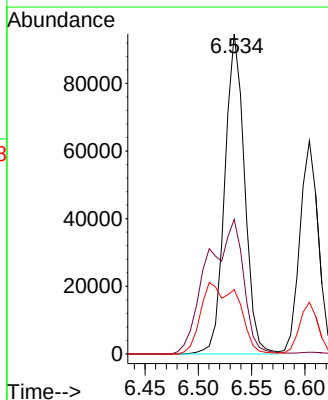
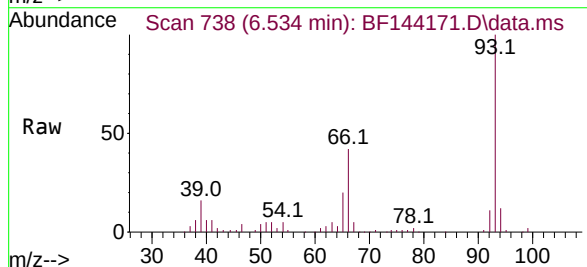
Tgt Ion: 93 Resp: 122118

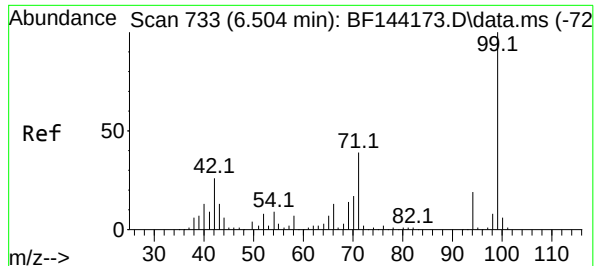
Ion Ratio Lower Upper

93 100

66 42.0 34.3 51.5

65 20.1 16.9 25.3





#7

Phenol-d6

Concen: 20.963 ng

RT: 6.498 min Scan# 733

Delta R.T. -0.012 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

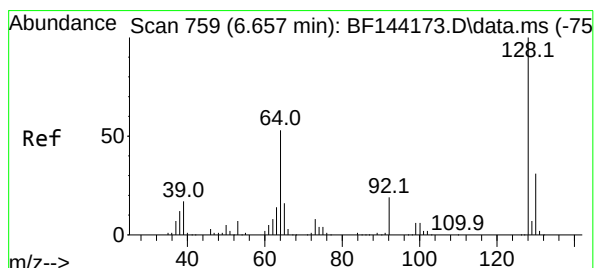
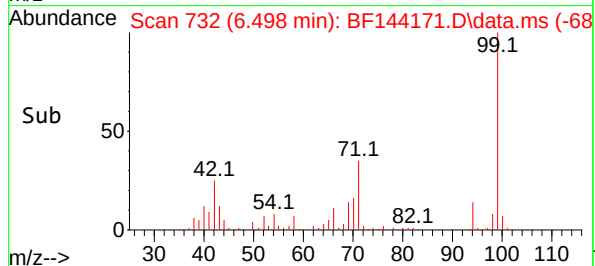
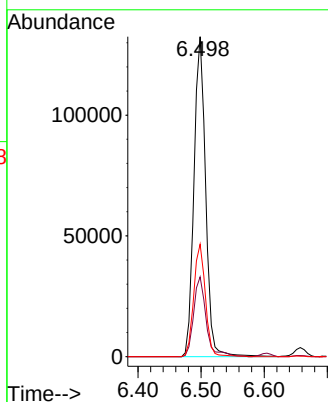
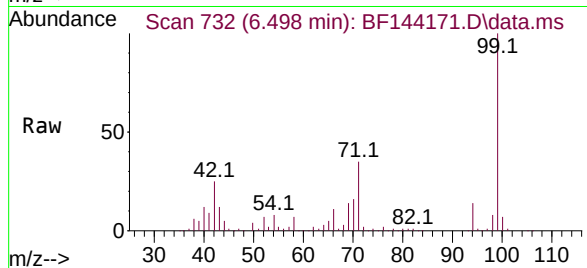
Tgt Ion: 99 Resp: 170929

Ion Ratio Lower Upper

99 100

42 24.9 20.9 31.3

71 35.1 31.4 47.2



#8

2-Chlorophenol

Concen: 10.448 ng

RT: 6.657 min Scan# 759

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

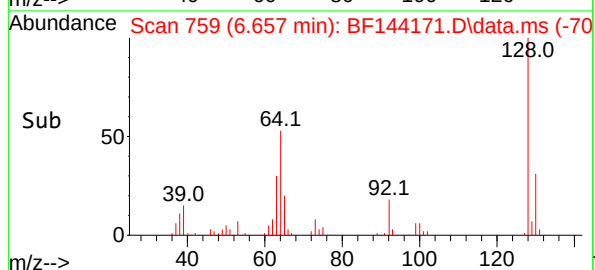
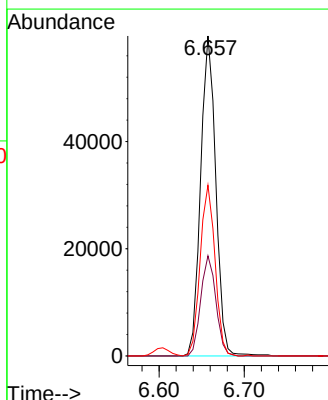
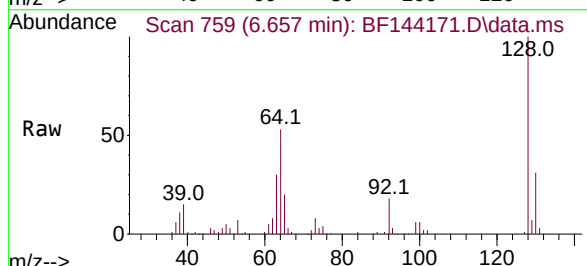
Tgt Ion: 128 Resp: 73729

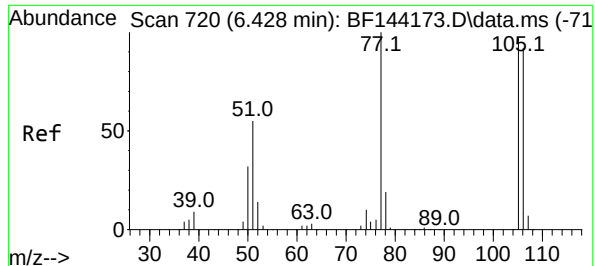
Ion Ratio Lower Upper

128 100

130 31.3 10.5 50.5

64 53.3 33.2 73.2





#9
Benzaldehyde

Concen: 12.629 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

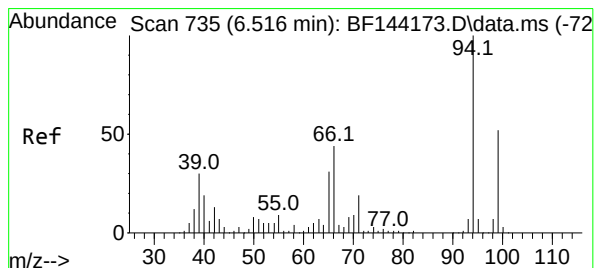
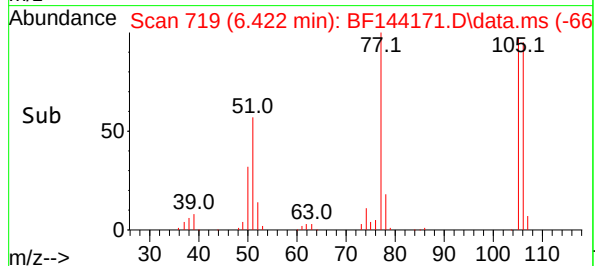
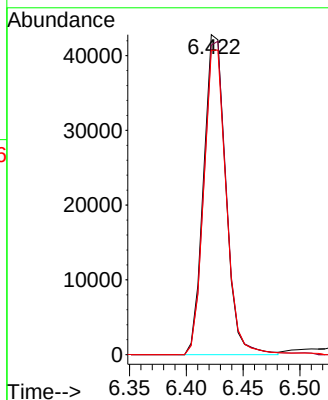
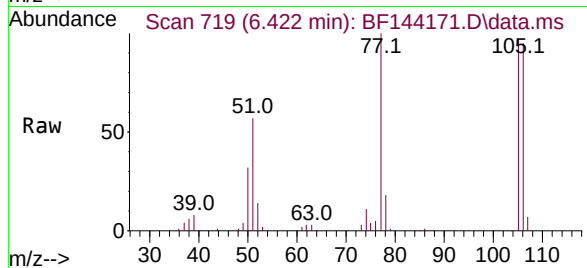
Tgt Ion: 77 Resp: 58146

Ion Ratio Lower Upper

77 100

105 96.7 77.2 117.2

106 95.1 72.2 112.2



#10

Phenol

Concen: 10.717 ng

RT: 6.510 min Scan# 734

Delta R.T. -0.018 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

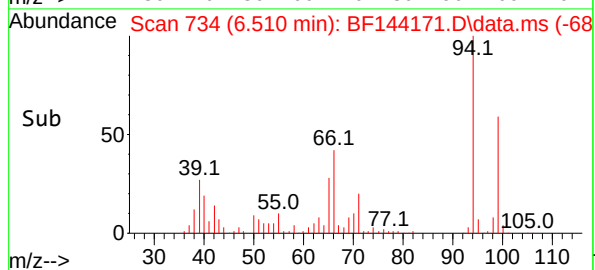
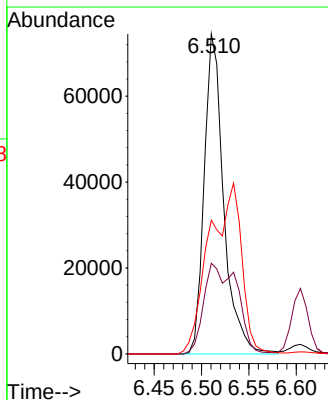
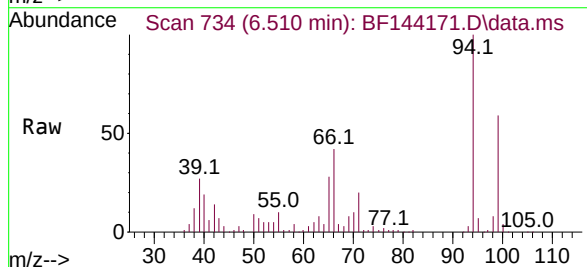
Tgt Ion: 94 Resp: 106765

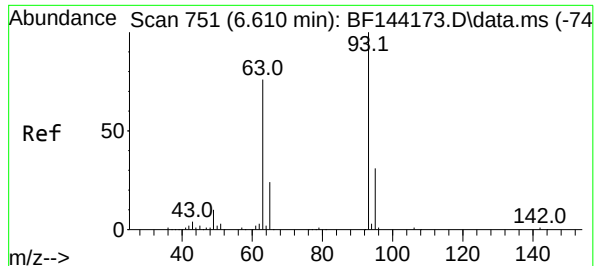
Ion Ratio Lower Upper

94 100

65 28.3 10.8 50.8

66 41.8 24.3 64.3

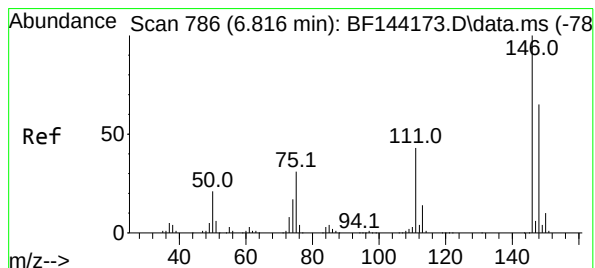
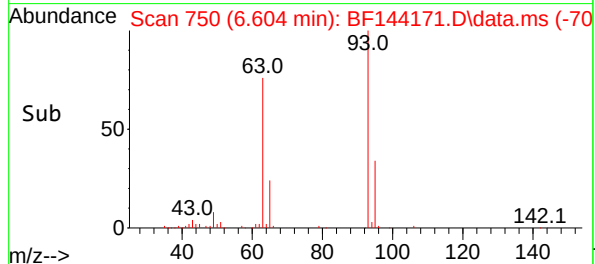
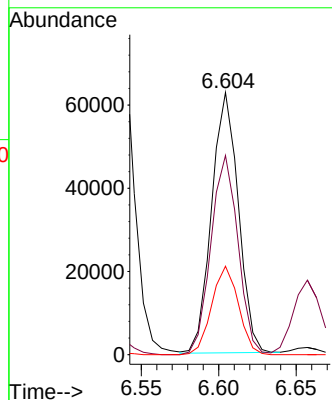
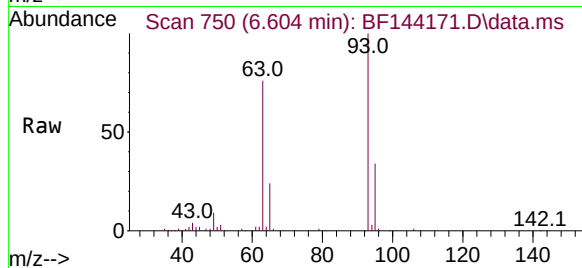




#11
bis(2-Chloroethyl)ether
Concen: 10.342 ng
RT: 6.604 min Scan# 751
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

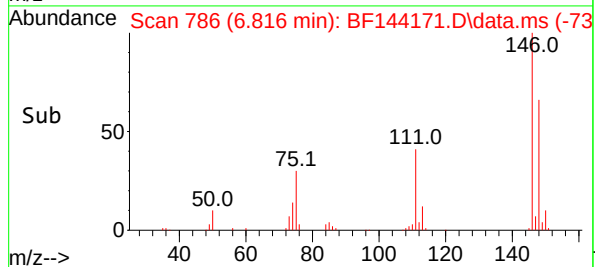
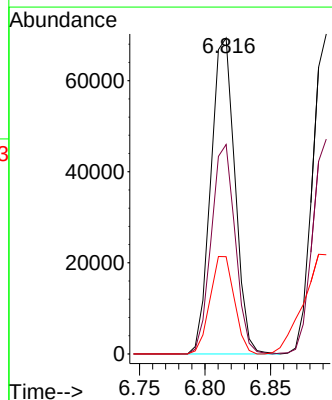
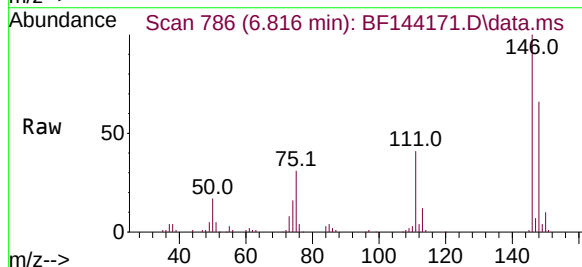
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

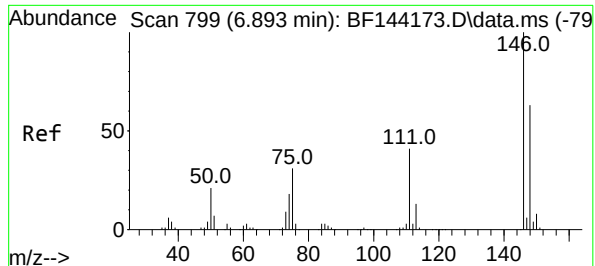
Tgt Ion:	93	Resp:	75075
Ion	Ratio	Lower	Upper
93	100		
63	75.9	55.2	95.2
95	33.7	11.2	51.2



#12
1,3-Dichlorobenzene
Concen: 10.174 ng
RT: 6.816 min Scan# 786
Delta R.T. 0.000 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:	146	Resp:	88594
Ion	Ratio	Lower	Upper
146	100		
148	66.3	51.8	77.8
75	30.8	25.0	37.4





#13

1,4-Dichlorobenzene

Concen: 10.085 ng

RT: 6.893 min Scan# 799

Delta R.T. 0.000 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

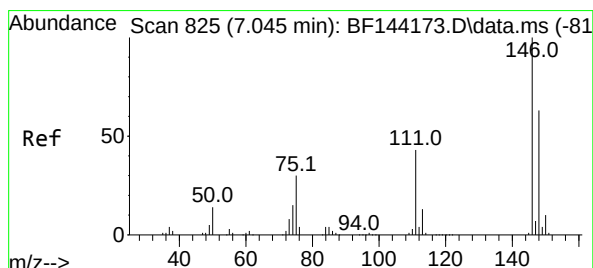
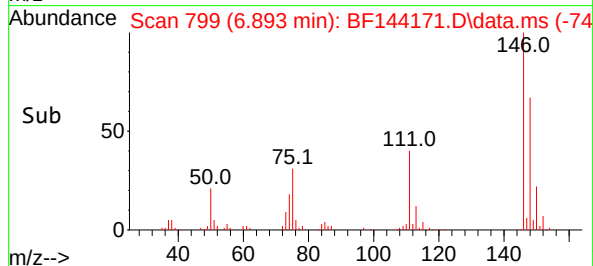
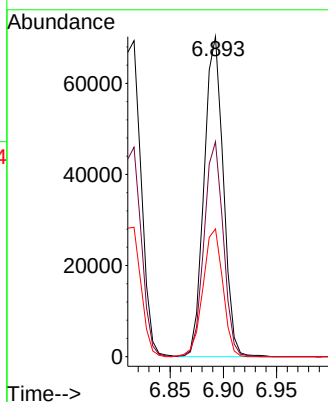
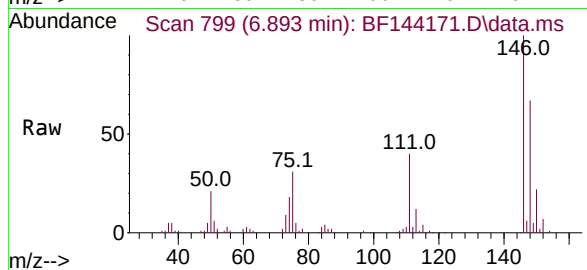
Tgt Ion:146 Resp: 87984

Ion Ratio Lower Upper

146 100

148 67.1 50.2 75.2

111 39.9 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 10.165 ng

RT: 7.045 min Scan# 825

Delta R.T. 0.000 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

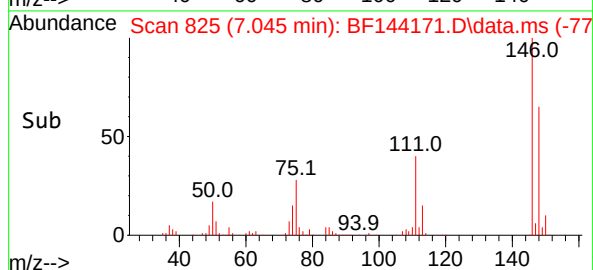
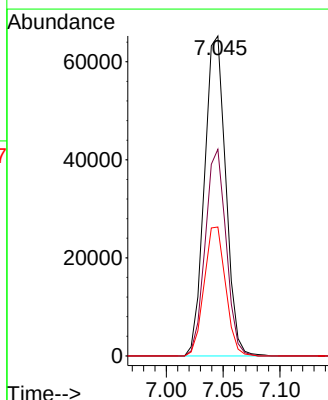
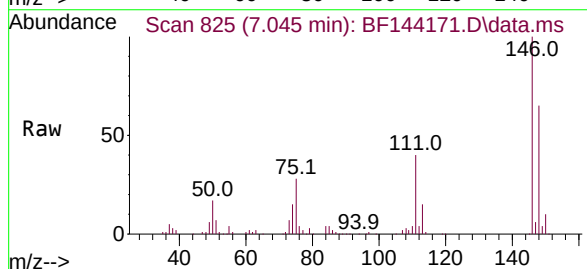
Tgt Ion:146 Resp: 84997

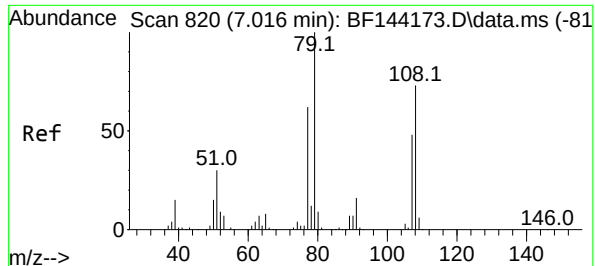
Ion Ratio Lower Upper

146 100

148 64.6 50.7 76.1

111 40.3 34.2 51.4

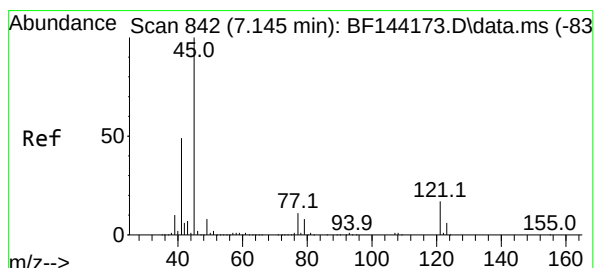
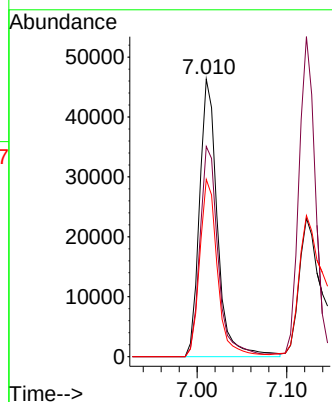
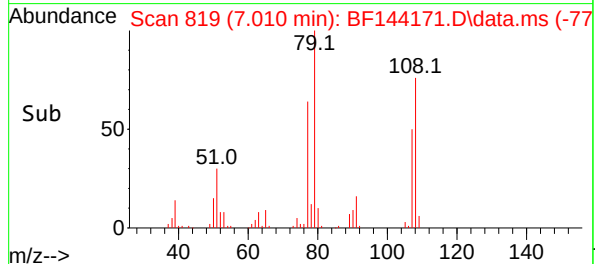
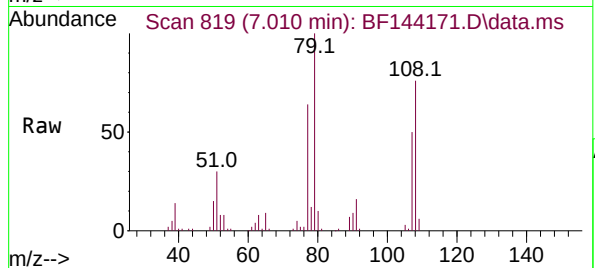




#15
Benzyl Alcohol
Concen: 9.937 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

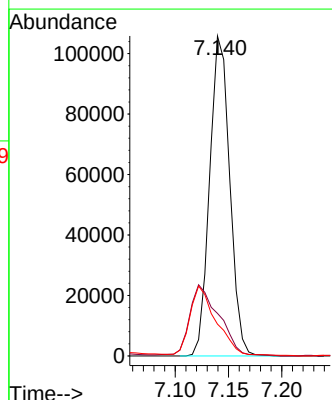
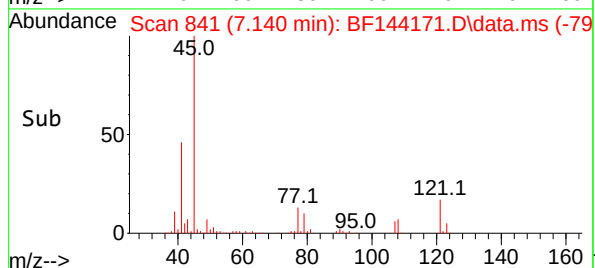
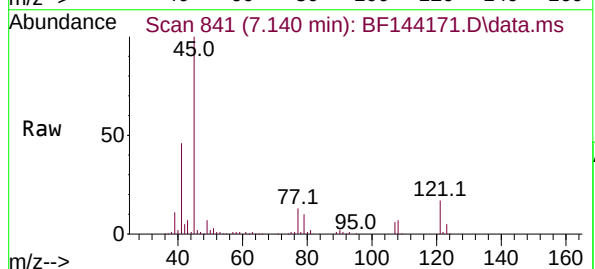
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

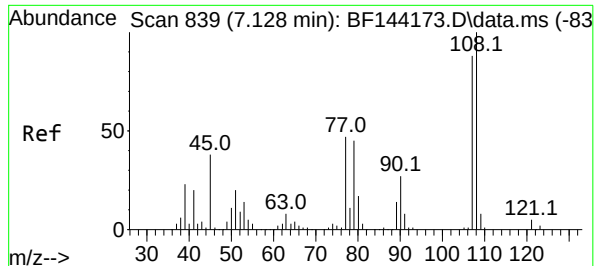
Tgt Ion: 79 Resp: 64160
Ion Ratio Lower Upper
79 100
108 75.8 58.2 87.4
77 63.8 49.9 74.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 10.403 ng
RT: 7.140 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion: 45 Resp: 139062
Ion Ratio Lower Upper
45 100
77 13.3 0.0 31.8
79 9.9 0.0 29.1

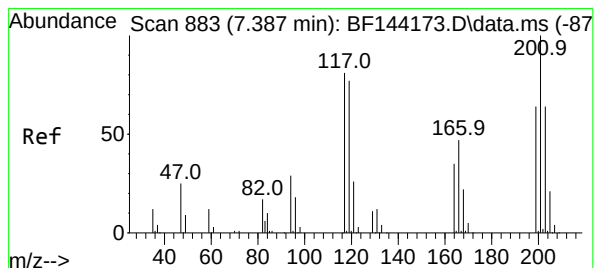
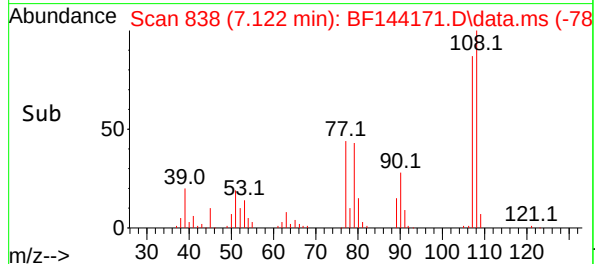
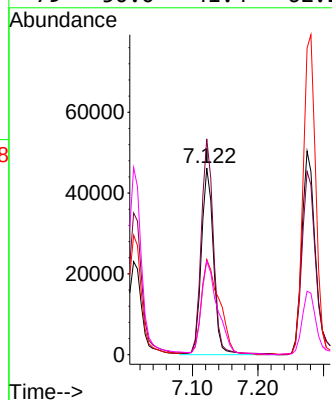
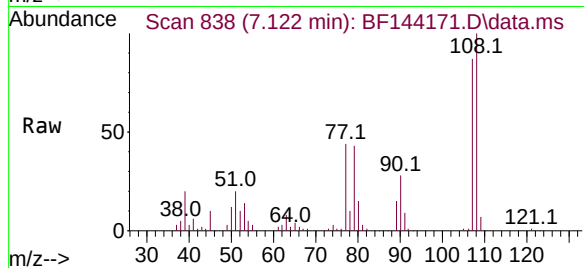




#17
2-Methylphenol
Concen: 10.575 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

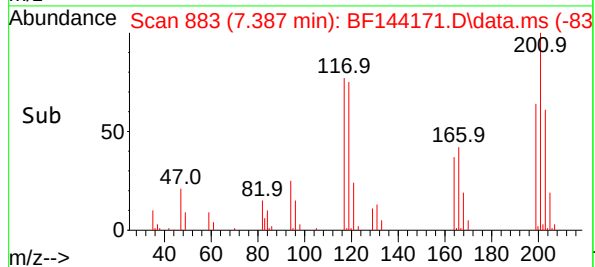
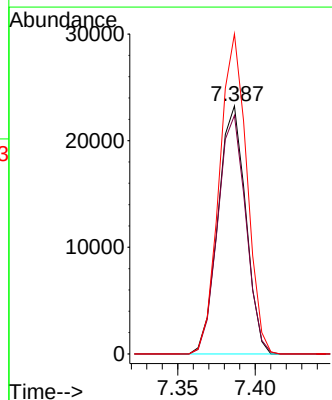
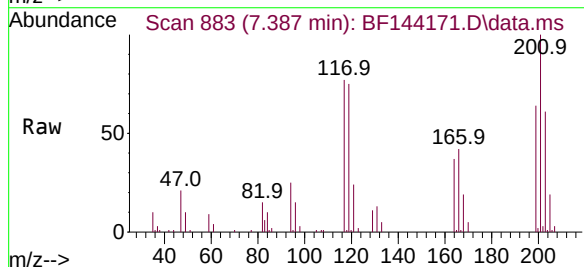
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

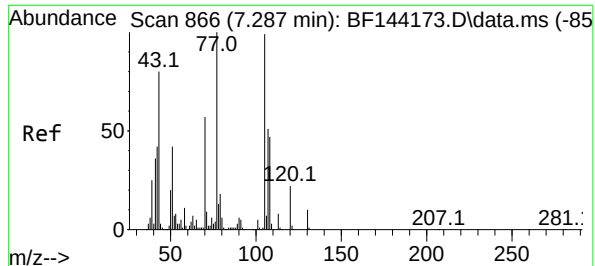
Tgt Ion:	107	Resp:	59368
Ion	Ratio	Lower	Upper
107	100		
108	115.6	91.0	136.4
77	51.0	42.7	64.1
79	50.0	41.4	62.2



#18
Hexachloroethane
Concen: 9.963 ng
RT: 7.387 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:	117	Resp:	28876
Ion	Ratio	Lower	Upper
117	100		
119	96.2	75.8	113.8
201	129.1	98.9	148.3





#19

n-Nitroso-di-n-propylamine

Concen: 10.735 ng

RT: 7.275 min Scan# 864

Delta R.T. -0.023 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 70 Resp: 57621

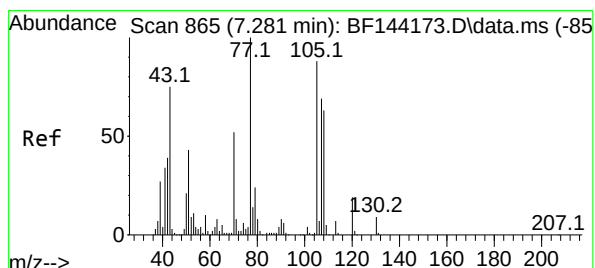
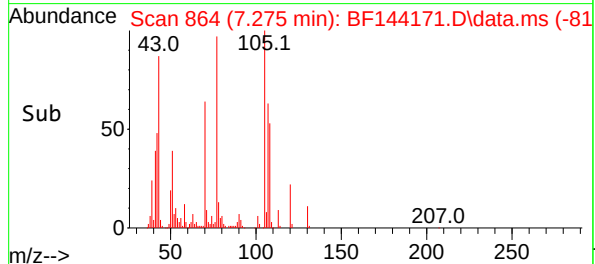
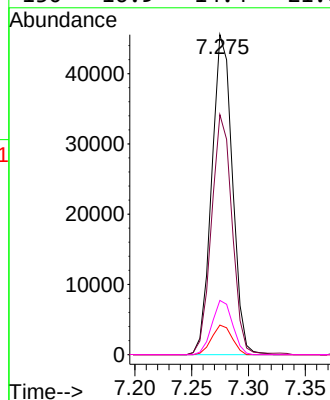
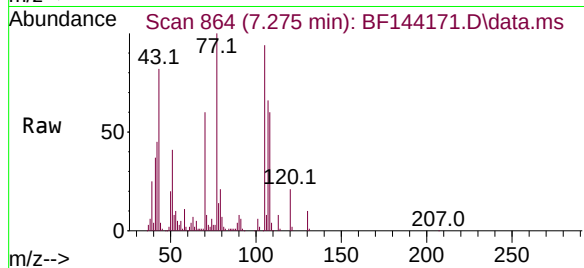
Ion Ratio Lower Upper

70 100

42 75.0 58.3 87.5

101 9.2 7.0 10.6

130 16.9 14.4 21.6



#20

3+4-Methylphenols

Concen: 11.314 ng

RT: 7.275 min Scan# 864

Delta R.T. -0.012 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Tgt Ion: 107 Resp: 74874

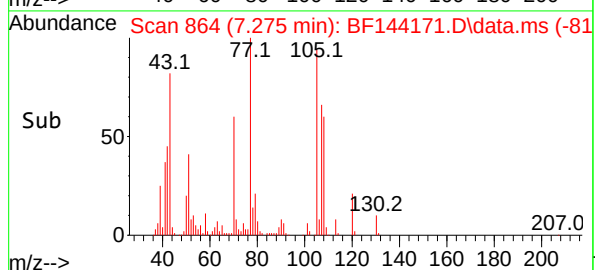
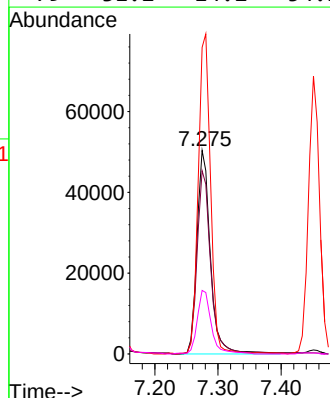
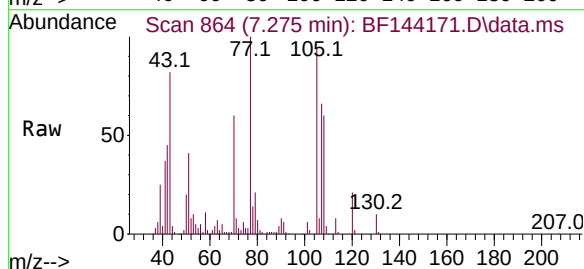
Ion Ratio Lower Upper

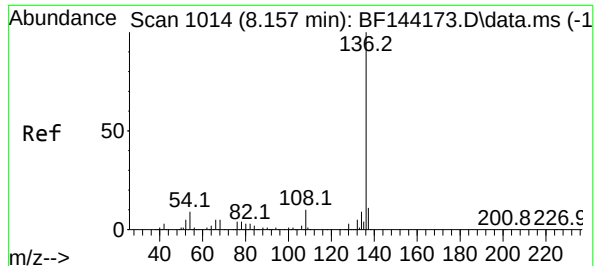
107 100

108 90.0 70.2 110.2

77 150.7 123.9 163.9

79 31.2 14.2 54.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:136 Resp: 438512

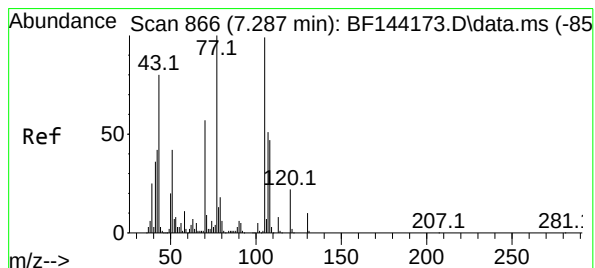
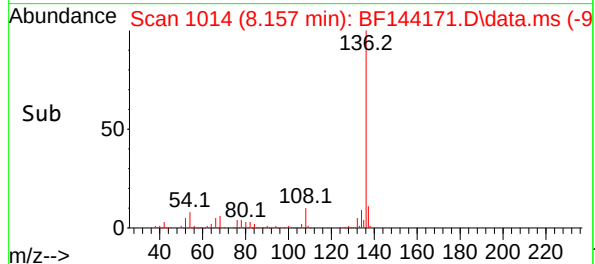
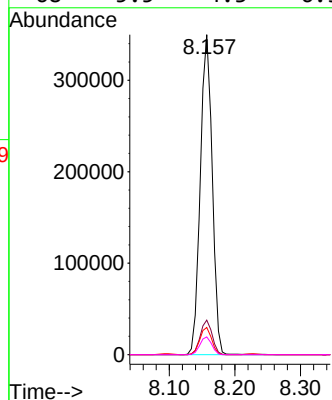
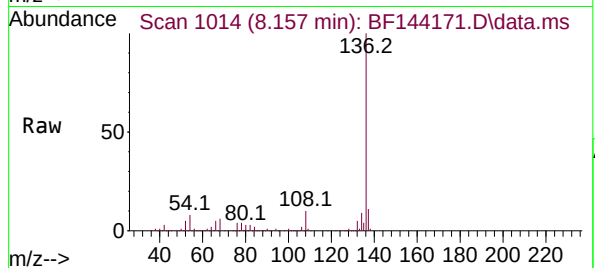
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 8.5 7.0 10.6

68 5.5 4.3 6.5



#22

Acetophenone

Concen: 10.819 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.012 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Tgt Ion:105 Resp: 101777

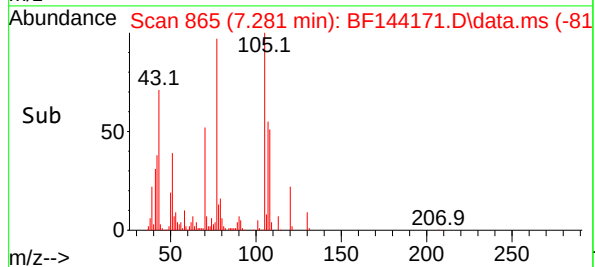
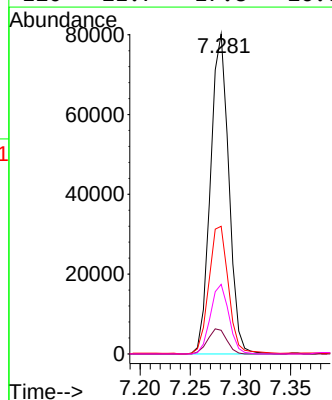
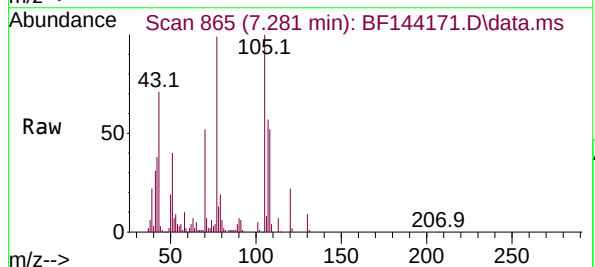
Ion Ratio Lower Upper

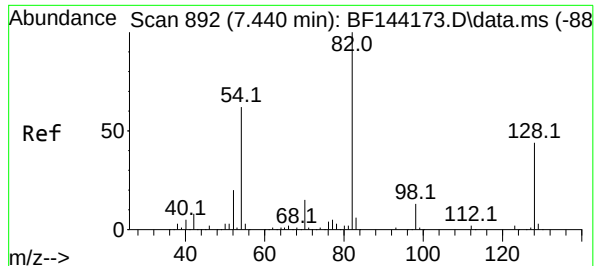
105 100

71 7.4 7.2 10.8

51 39.9 34.0 51.0

120 21.7 17.8 26.6

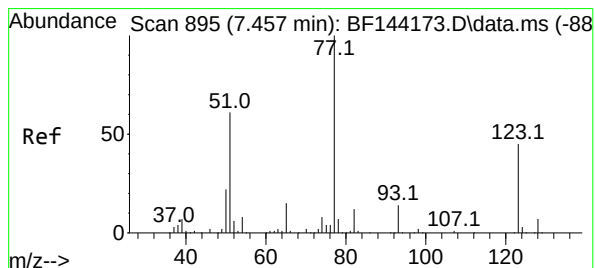
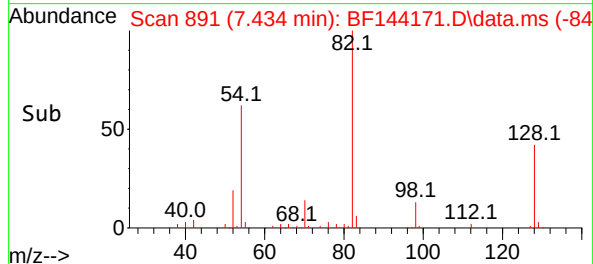
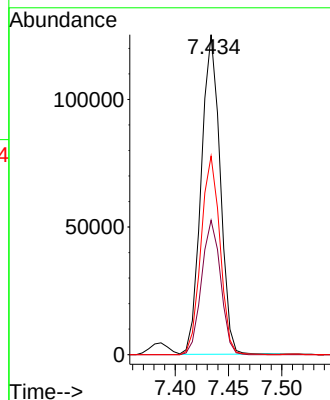
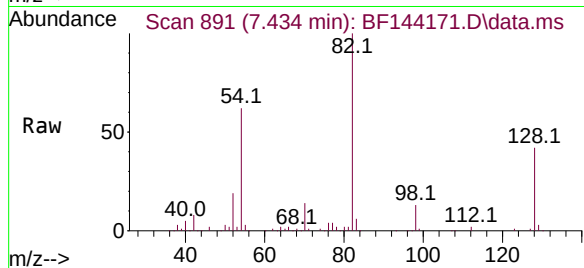




#23
Nitrobenzene-d5
Concen: 20.347 ng
RT: 7.434 min Scan# 891
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

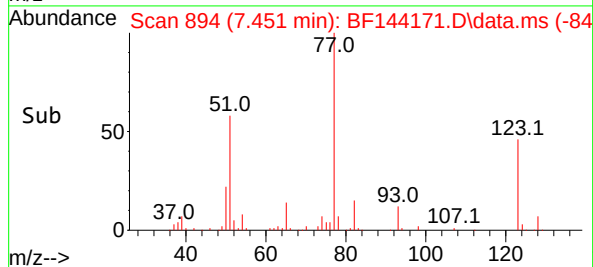
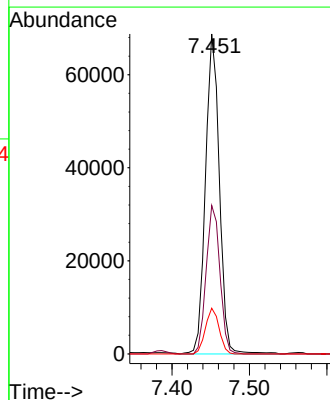
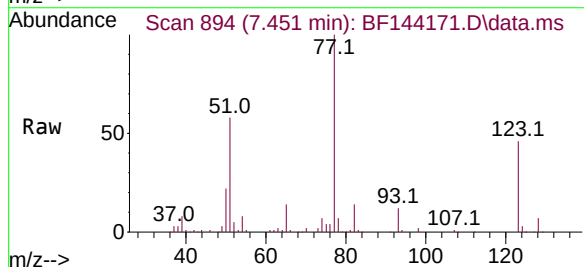
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

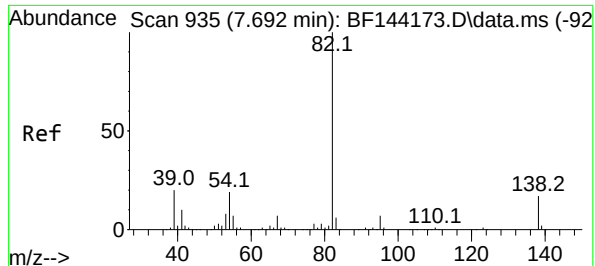
Tgt Ion: 82 Resp: 154488
Ion Ratio Lower Upper
82 100
128 42.0 34.7 52.1
54 62.0 49.5 74.3



#24
Nitrobenzene
Concen: 10.380 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion: 77 Resp: 85567
Ion Ratio Lower Upper
77 100
123 46.4 35.8 53.8
65 14.3 12.2 18.2

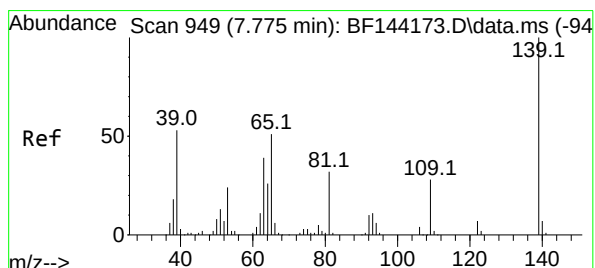
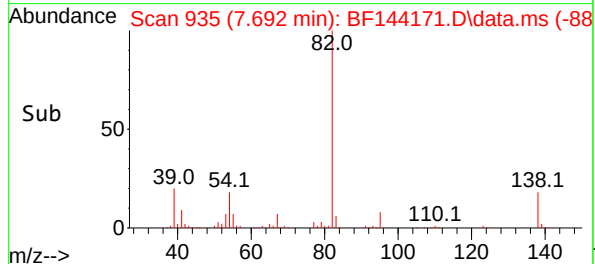
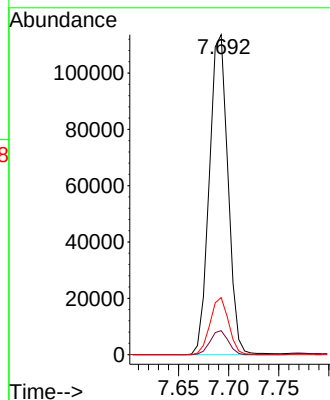
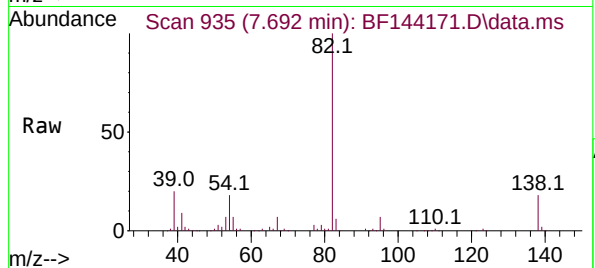




#25
Isophorone
Concen: 10.204 ng
RT: 7.692 min Scan# 935
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

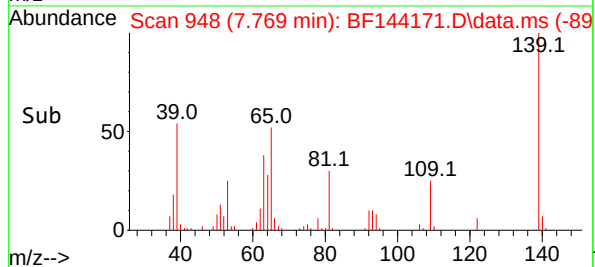
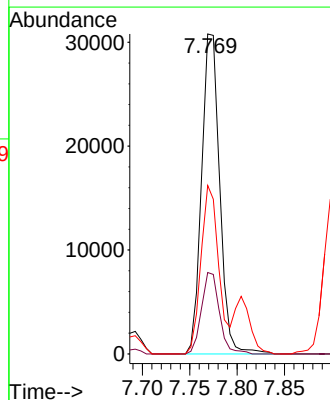
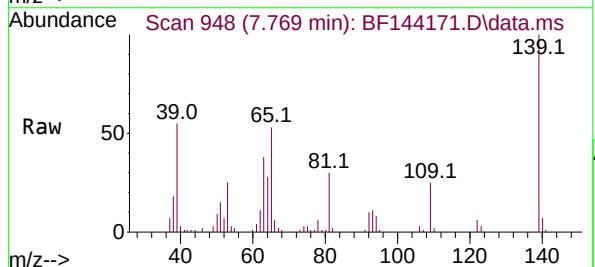
Instrument :
BNA_F
Client SampleId :
SSTDIC010

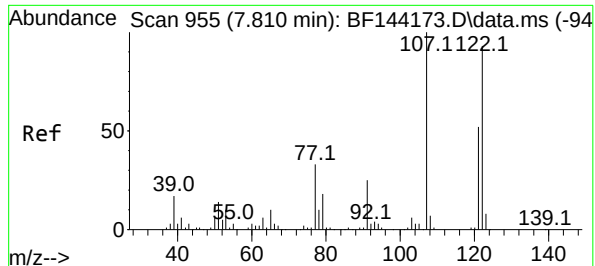
Tgt Ion: 82 Resp: 146541
Ion Ratio Lower Upper
82 100
95 7.5 5.5 8.3
138 17.9 13.7 20.5



#26
2-Nitrophenol
Concen: 10.067 ng
RT: 7.769 min Scan# 948
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion: 139 Resp: 41083
Ion Ratio Lower Upper
139 100
109 25.4 22.2 33.2
65 52.6 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 9.956 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

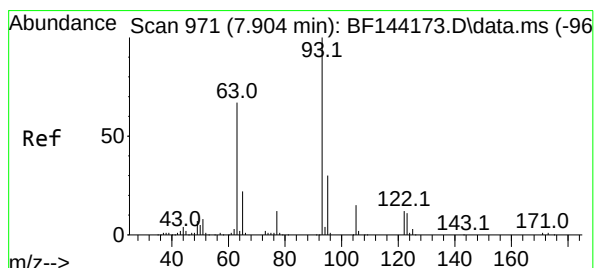
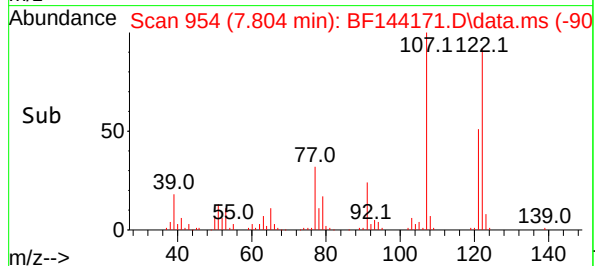
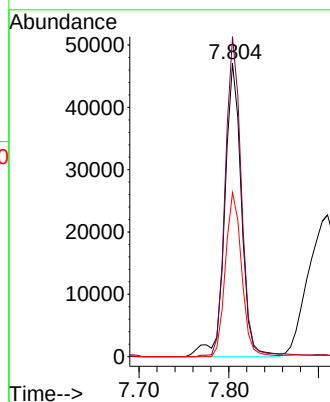
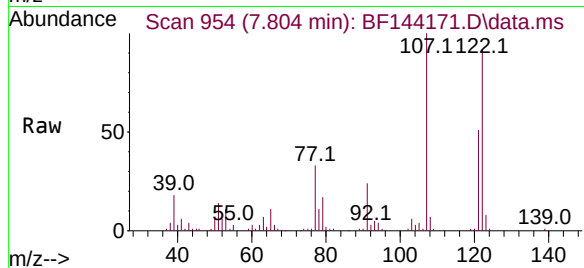
Tgt Ion:122 Resp: 60896

Ion Ratio Lower Upper

122 100

107 109.2 86.2 129.4

121 56.0 44.6 66.8



#28

bis(2-Chloroethoxy)methane

Concen: 10.202 ng

RT: 7.898 min Scan# 970

Delta R.T. -0.012 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

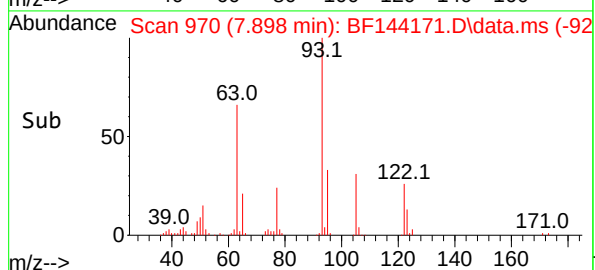
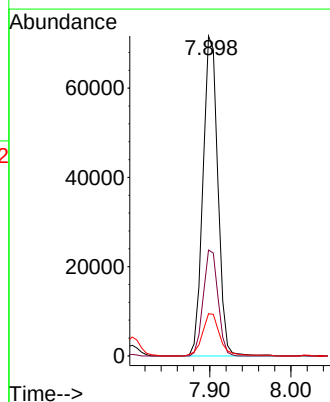
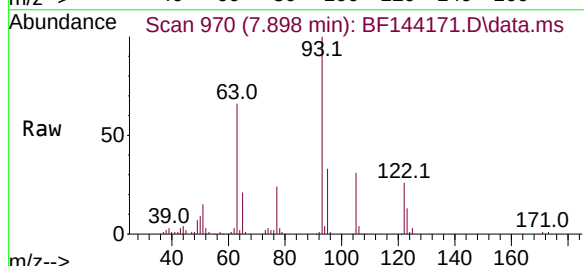
Tgt Ion: 93 Resp: 91497

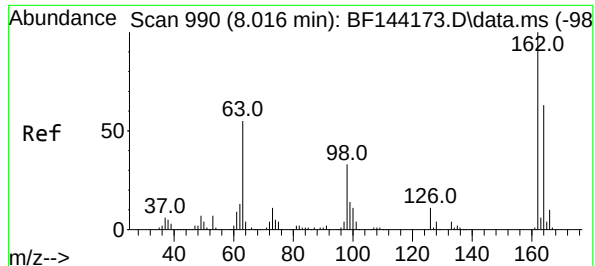
Ion Ratio Lower Upper

93 100

95 33.1 24.2 36.4

123 13.2 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 10.643 ng

RT: 8.016 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

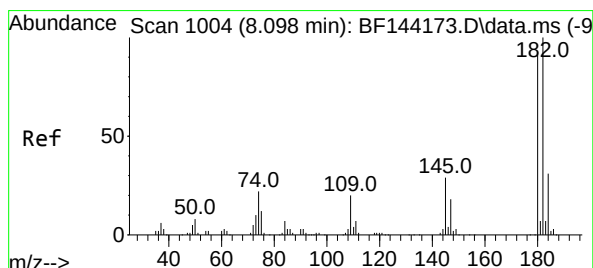
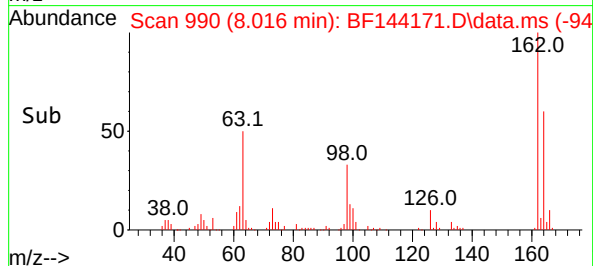
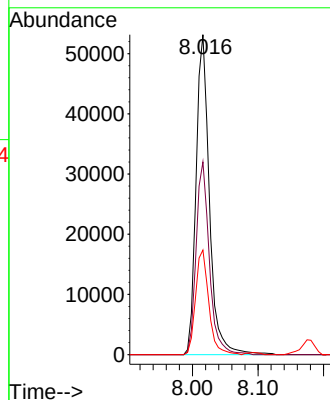
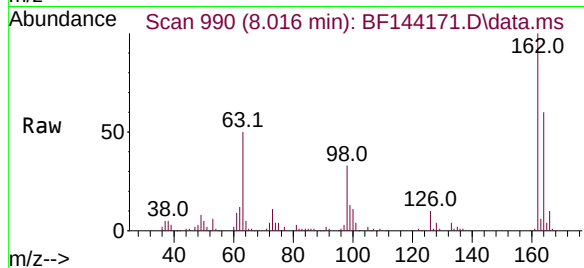
Tgt Ion:162 Resp: 75032

Ion Ratio Lower Upper

162 100

164 60.2 42.9 82.9

98 32.7 13.3 53.3



#30

1,2,4-Trichlorobenzene

Concen: 10.585 ng

RT: 8.098 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

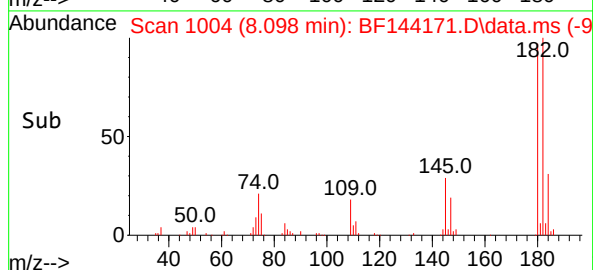
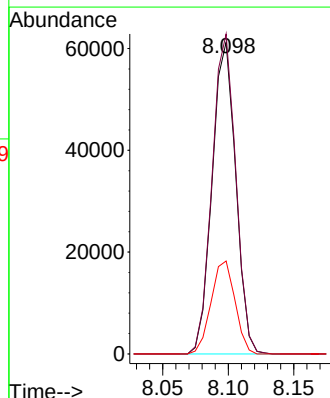
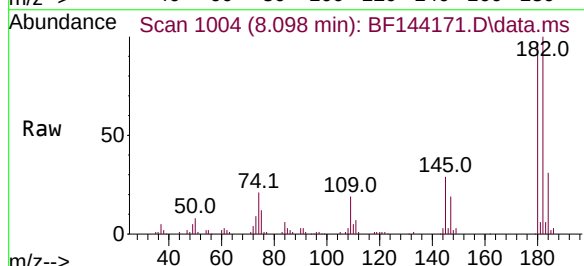
Tgt Ion:180 Resp: 76623

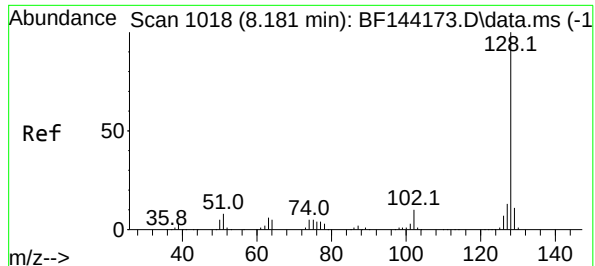
Ion Ratio Lower Upper

180 100

182 102.7 87.7 131.5

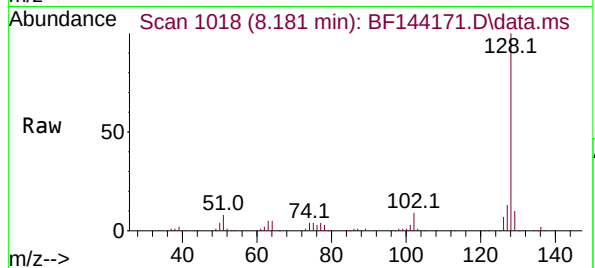
145 29.8 25.4 38.0



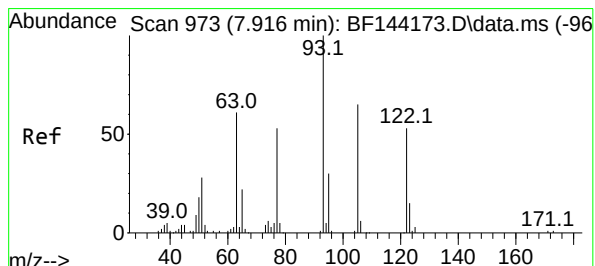
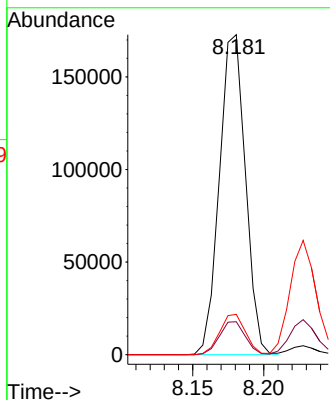
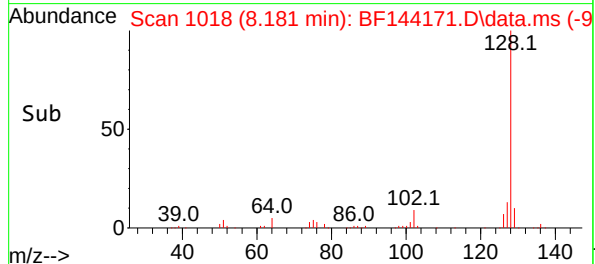


#31
Naphthalene
Concen: 10.590 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

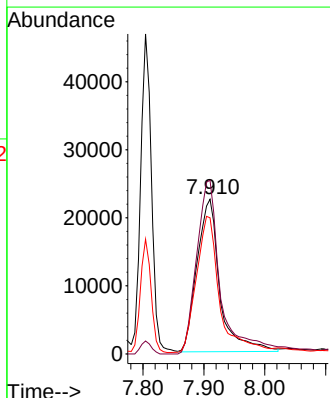
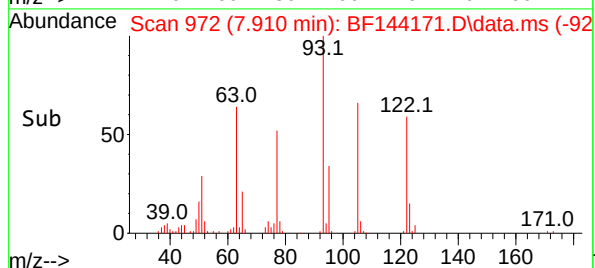
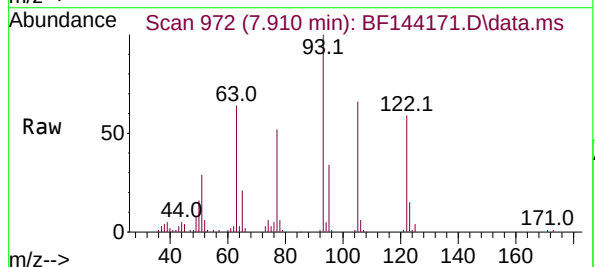


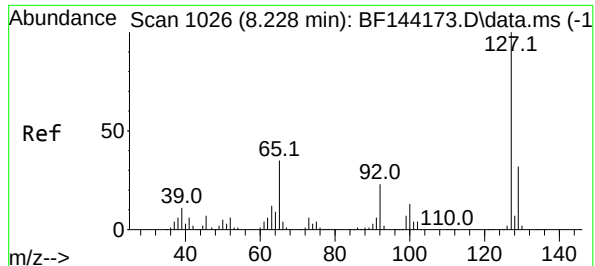
Tgt Ion:128 Resp: 220903
Ion Ratio Lower Upper
128 100
129 10.3 8.9 13.3
127 12.6 10.3 15.5



#32
Benzoic acid
Concen: 13.120 ng
RT: 7.910 min Scan# 972
Delta R.T. -0.041 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:122 Resp: 58822
Ion Ratio Lower Upper
122 100
105 112.1 99.9 139.9
77 88.0 77.5 117.5





#33

4-Chloroaniline

Concen: 10.476 ng

RT: 8.228 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:127 Resp: 79703

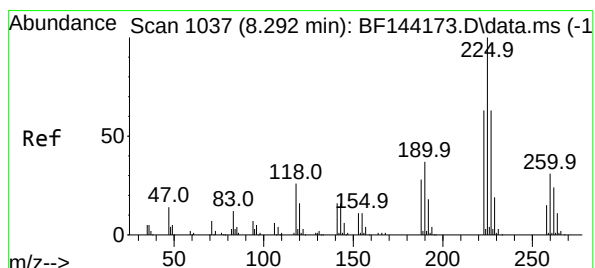
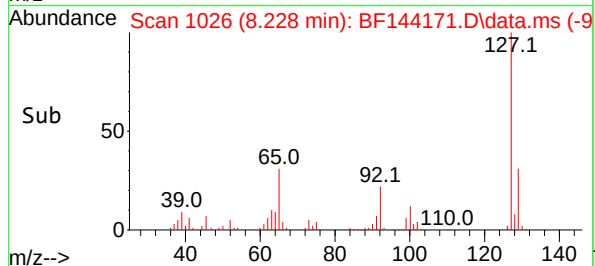
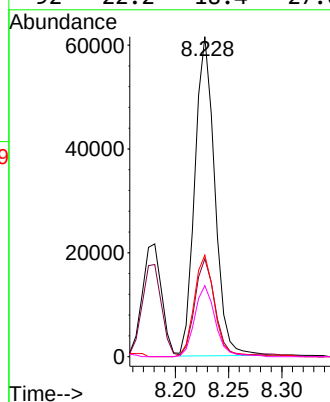
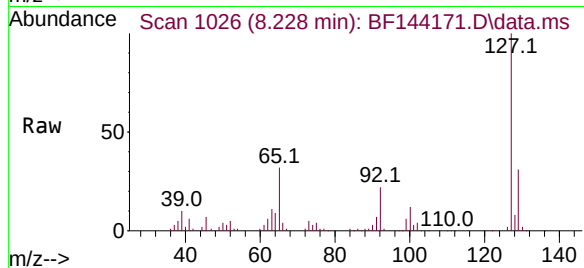
Ion Ratio Lower Upper

127 100

129 30.6 25.3 37.9

65 31.7 27.6 41.4

92 22.2 18.4 27.6



#34

Hexachlorobutadiene

Concen: 10.054 ng

RT: 8.292 min Scan# 1037

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

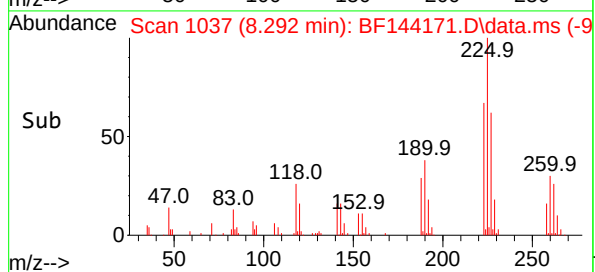
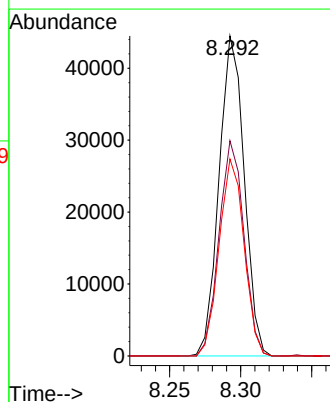
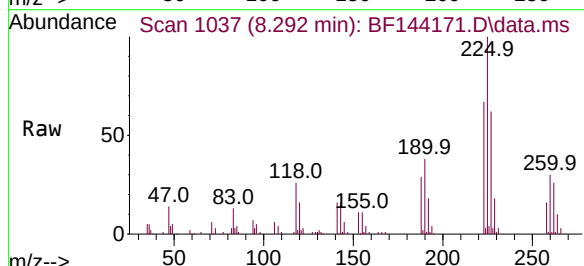
Tgt Ion:225 Resp: 54849

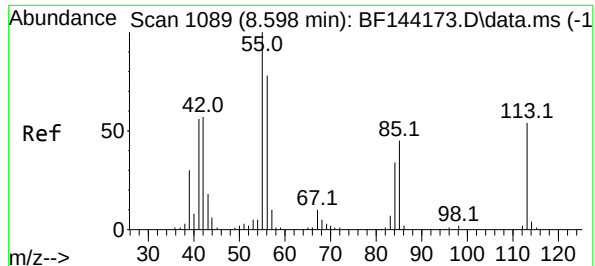
Ion Ratio Lower Upper

225 100

223 67.2 50.2 75.4

227 61.5 50.1 75.1

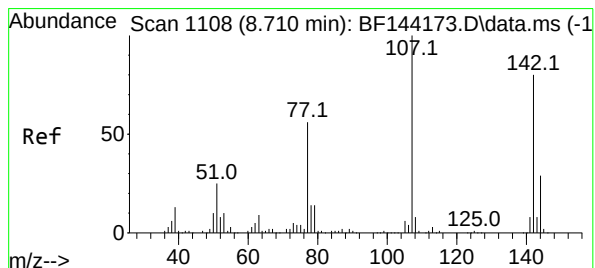
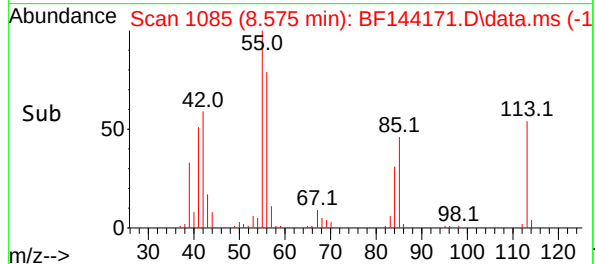
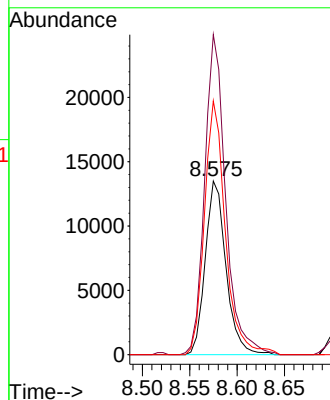
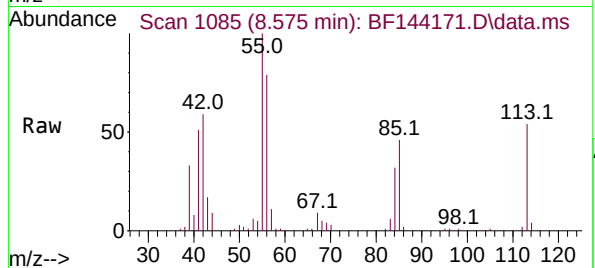




#35
Caprolactam
Concen: 10.645 ng
RT: 8.575 min Scan# 1085
Delta R.T. -0.047 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

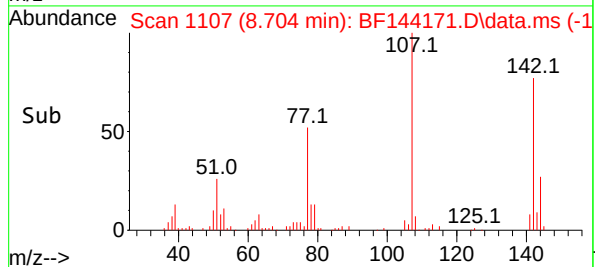
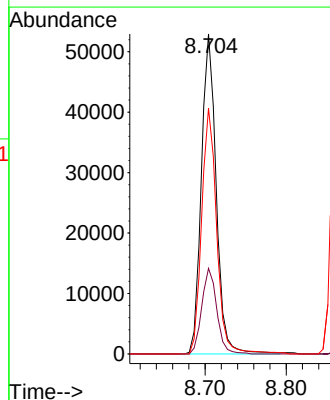
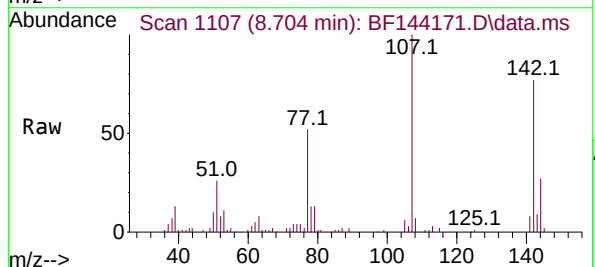
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

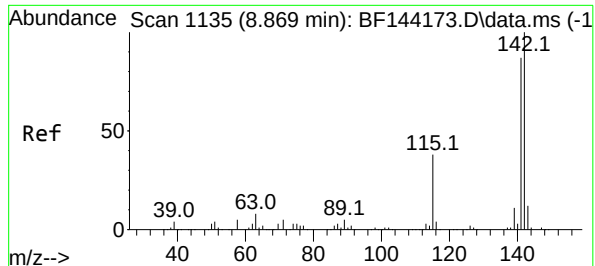
Tgt Ion:113 Resp: 20560
Ion Ratio Lower Upper
113 100
55 184.5 166.8 206.8
56 146.2 125.9 165.9



#36
4-Chloro-3-methylphenol
Concen: 10.641 ng
RT: 8.704 min Scan# 1107
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:107 Resp: 67228
Ion Ratio Lower Upper
107 100
144 26.7 23.3 34.9
142 76.8 63.8 95.6





#37

2-Methylnaphthalene

Concen: 10.571 ng

RT: 8.869 min Scan# 1135

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

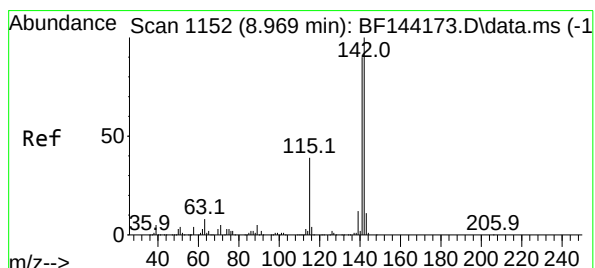
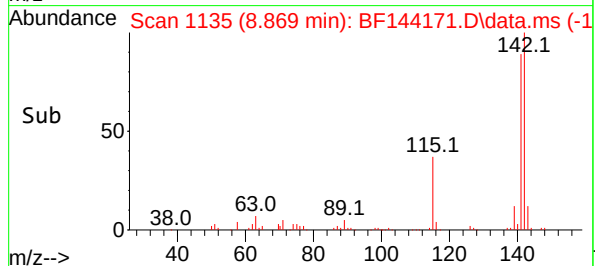
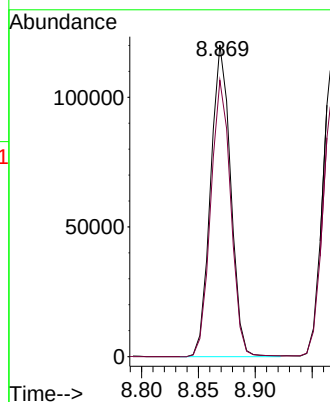
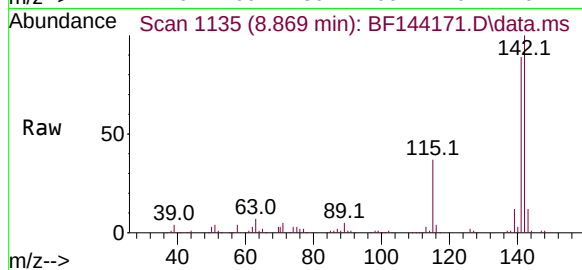
SSTDICC010

Tgt Ion:142 Resp: 147427

Ion Ratio Lower Upper

142 100

141 88.7 69.9 104.9



#38

1-Methylnaphthalene

Concen: 11.093 ng

RT: 8.969 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF144171.D

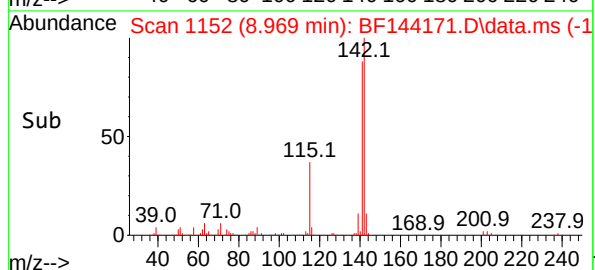
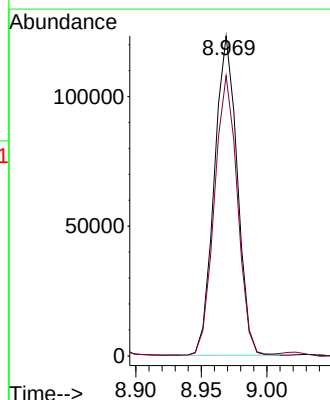
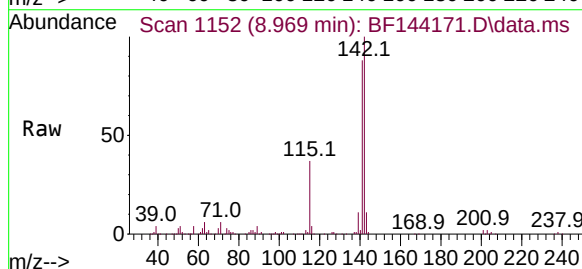
Acq: 05 Nov 2025 13:50

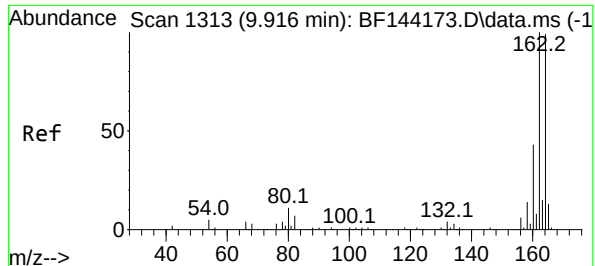
Tgt Ion:142 Resp: 149280

Ion Ratio Lower Upper

142 100

141 87.6 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

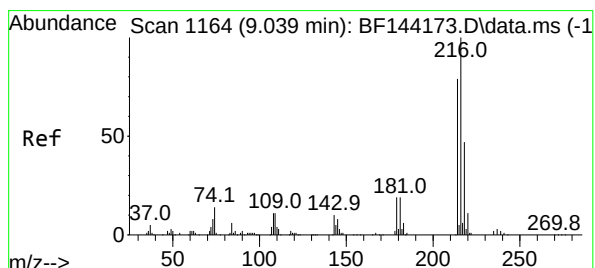
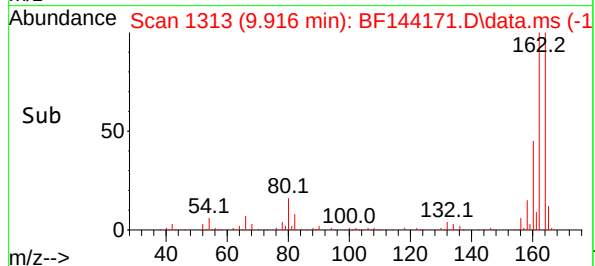
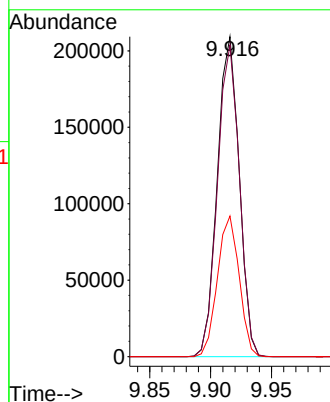
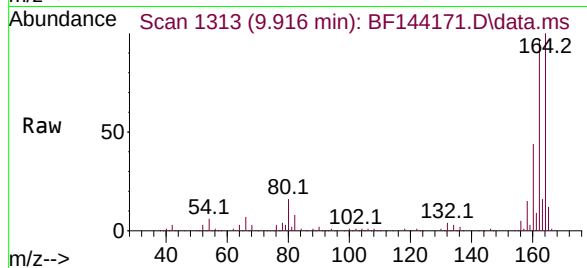
Tgt Ion:164 Resp: 261107

Ion Ratio Lower Upper

164 100

162 97.4 81.1 121.7

160 43.9 34.5 51.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 10.098 ng

RT: 9.034 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Tgt Ion:216 Resp: 86408

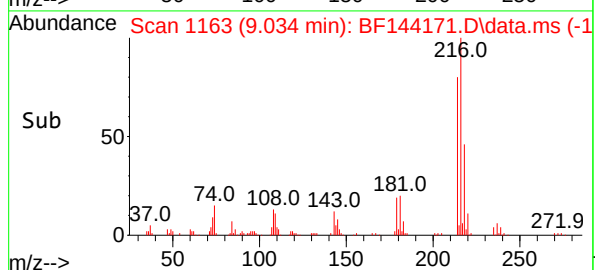
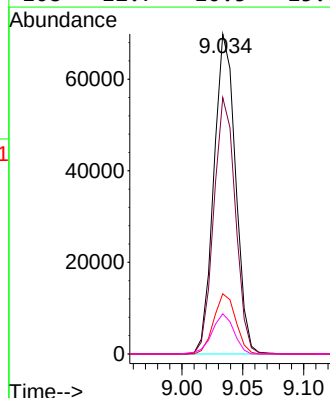
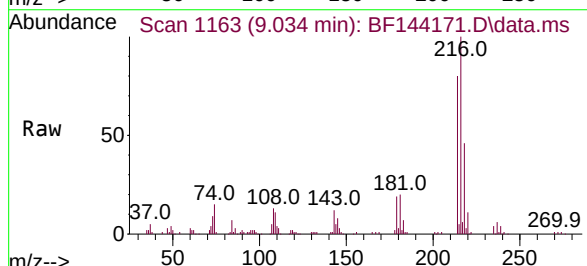
Ion Ratio Lower Upper

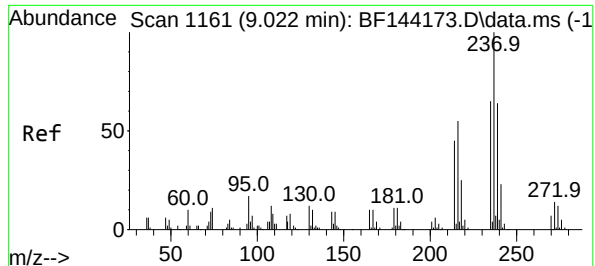
216 100

214 79.8 63.4 95.2

179 19.0 15.0 22.4

108 12.7 10.5 15.7

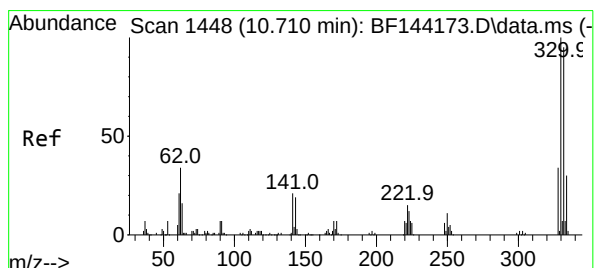
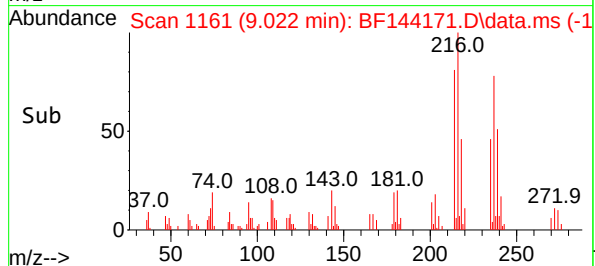
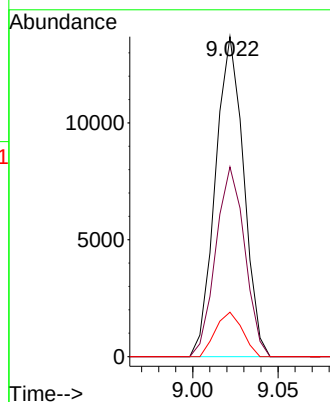
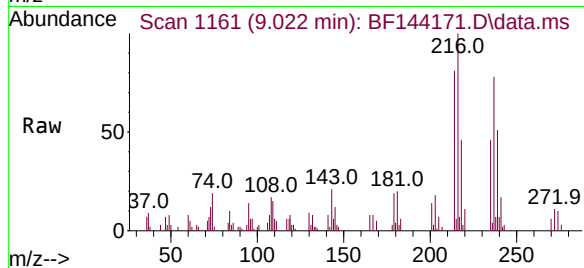




#41
Hexachlorocyclopentadiene
Concen: 10.609 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

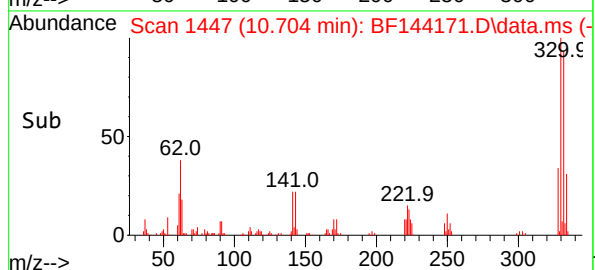
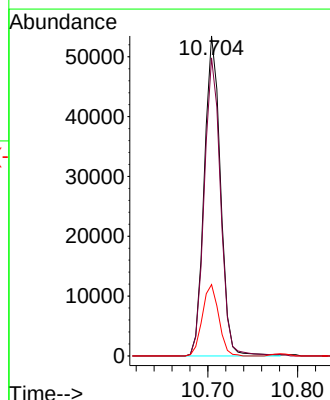
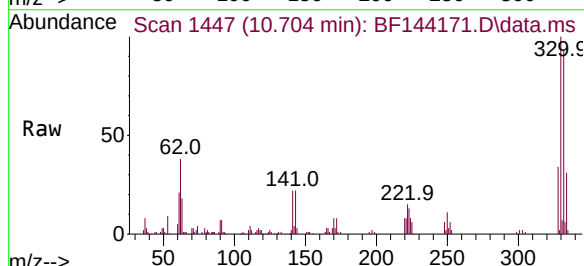
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

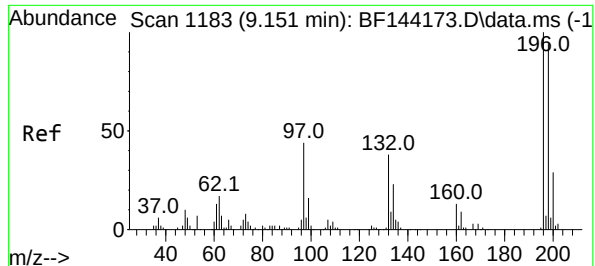
Tgt Ion:237 Resp: 15765
Ion Ratio Lower Upper
237 100
235 59.3 45.5 85.5
272 13.9 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 20.442 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:330 Resp: 66981
Ion Ratio Lower Upper
330 100
332 93.9 76.7 115.1
141 22.6 17.8 26.8





#43

2,4,6-Trichlorophenol

Concen: 10.054 ng

RT: 9.145 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

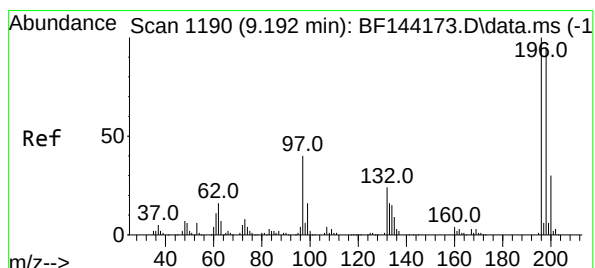
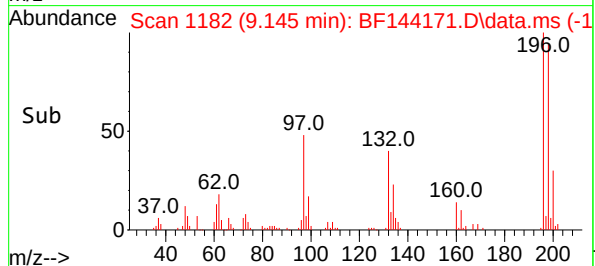
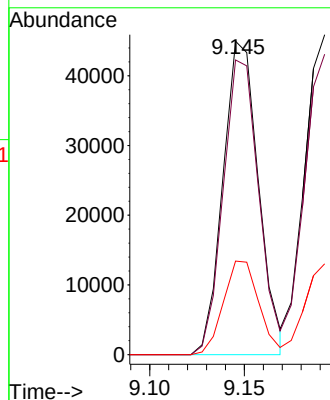
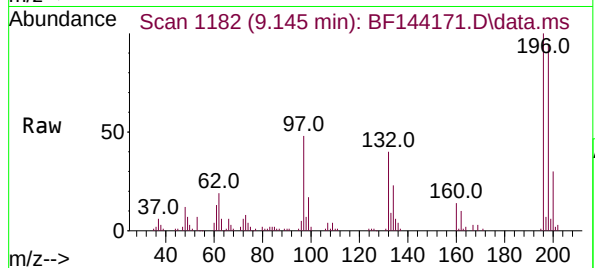
Tgt Ion:196 Resp: 58560

Ion Ratio Lower Upper

196 100

198 94.0 75.3 112.9

200 29.8 23.4 35.2



#44

2,4,5-Trichlorophenol

Concen: 10.160 ng

RT: 9.192 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Tgt Ion:196 Resp: 63779

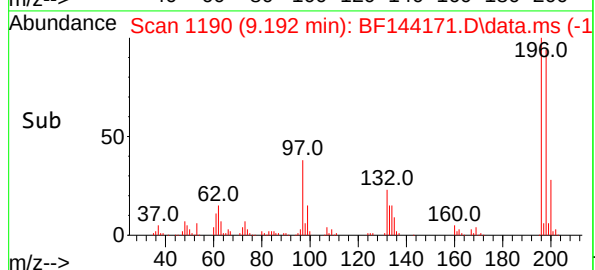
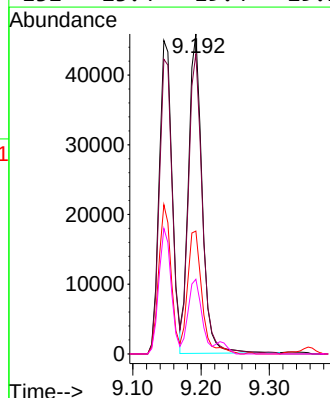
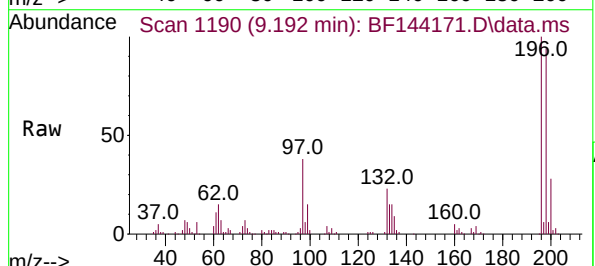
Ion Ratio Lower Upper

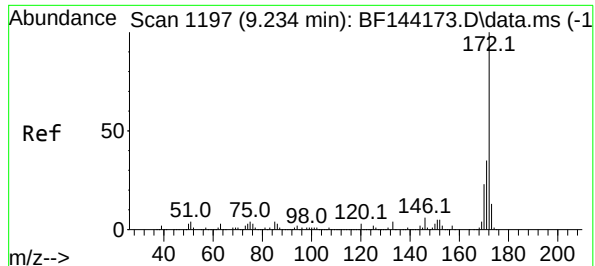
196 100

198 93.9 76.1 114.1

97 38.4 31.9 47.9

132 23.4 19.4 29.2

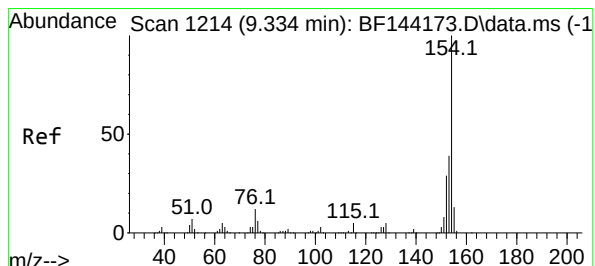
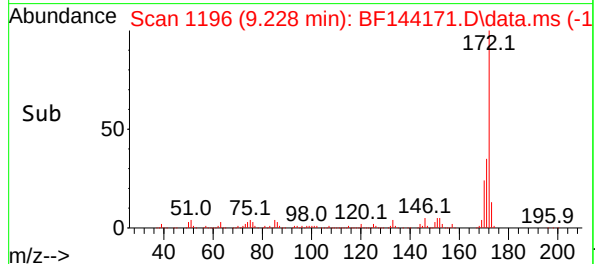
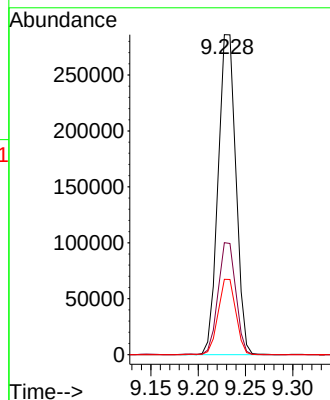
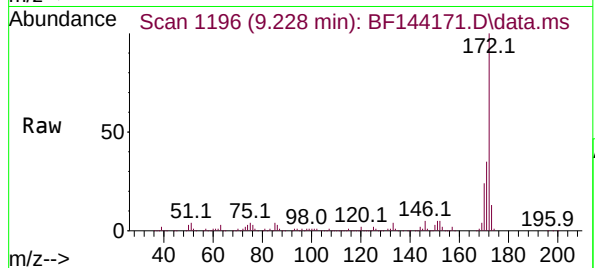




#45
2-Fluorobiphenyl
Concen: 21.090 ng
RT: 9.228 min Scan# 1196
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

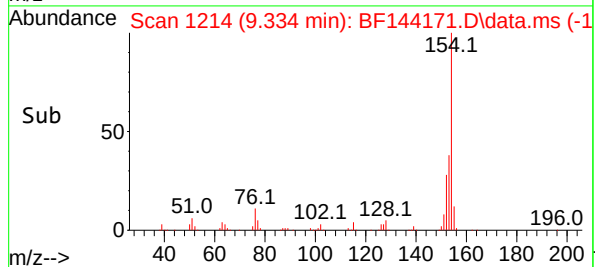
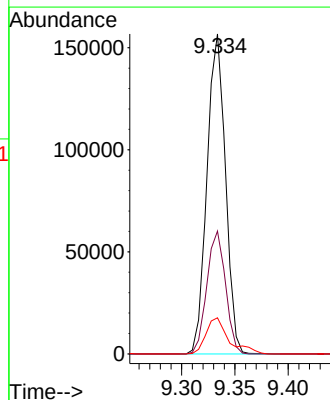
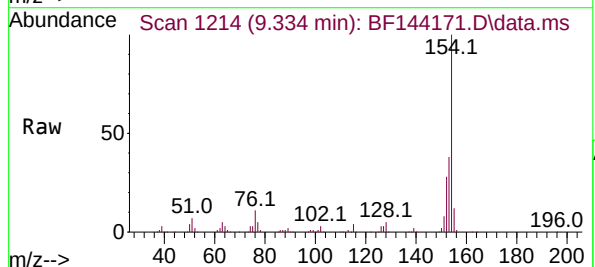
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

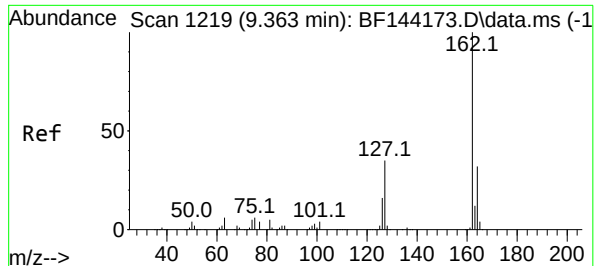
Tgt Ion:172 Resp: 372845
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.5 18.6 28.0



#46
1,1'-Biphenyl
Concen: 10.355 ng
RT: 9.334 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:154 Resp: 188739
Ion Ratio Lower Upper
154 100
153 38.4 19.2 59.2
76 11.3 0.0 31.8





#47

2-Chloronaphthalene

Concen: 10.211 ng

RT: 9.357 min Scan# 1218

Delta R.T. -0.012 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

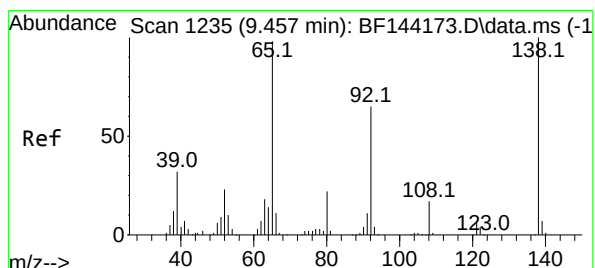
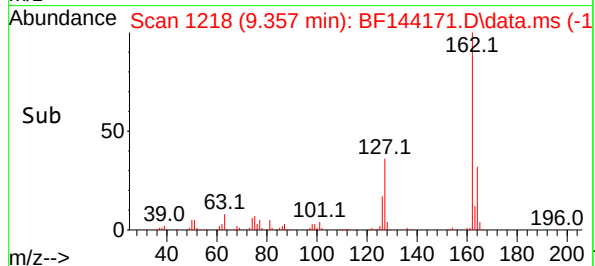
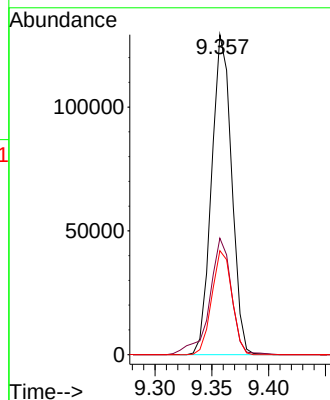
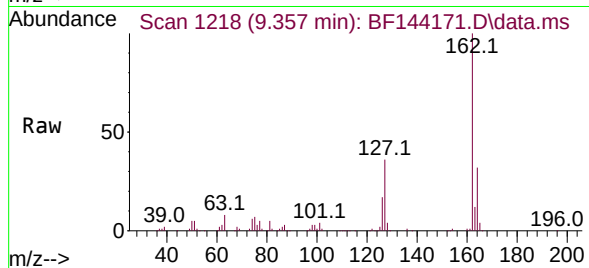
Tgt Ion:162 Resp: 158745

Ion Ratio Lower Upper

162 100

127 36.4 28.8 43.2

164 32.5 25.8 38.8



#48

2-Nitroaniline

Concen: 10.104 ng

RT: 9.457 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

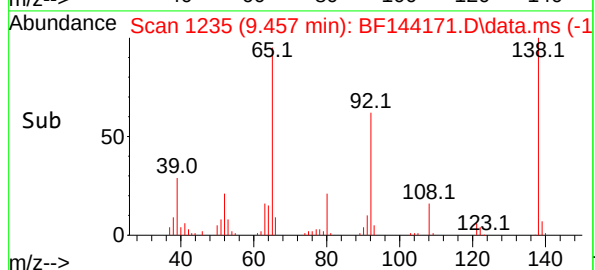
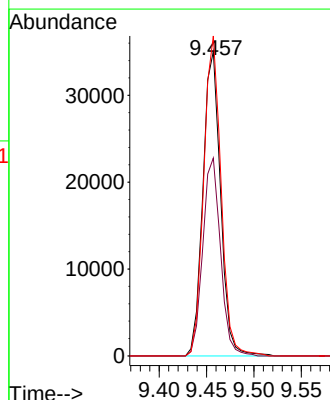
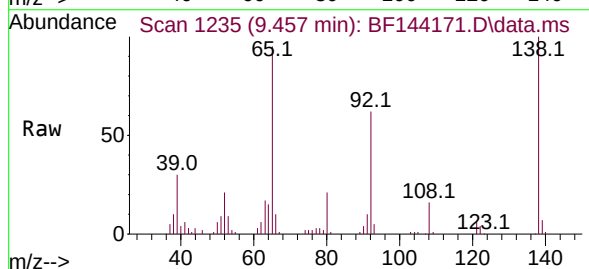
Tgt Ion: 65 Resp: 45323

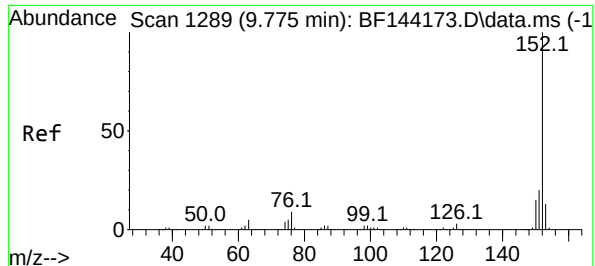
Ion Ratio Lower Upper

65 100

92 65.0 53.0 79.6

138 105.1 81.6 122.4





#49

Acenaphthylene

Concen: 10.390 ng

RT: 9.775 min Scan# 1289

Delta R.T. -0.006 min

Lab File: BF144171.D

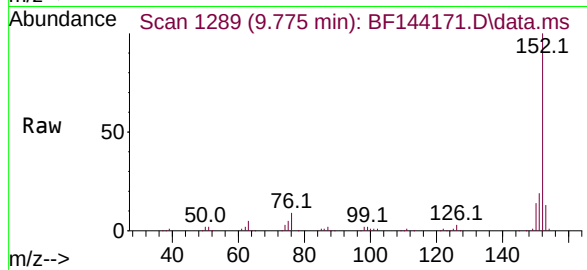
Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



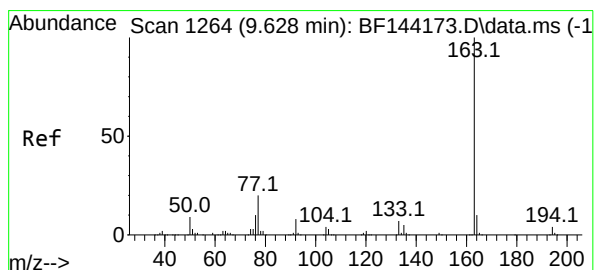
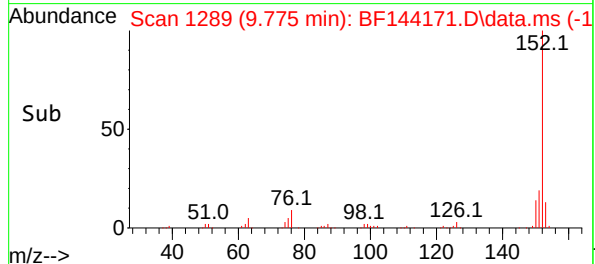
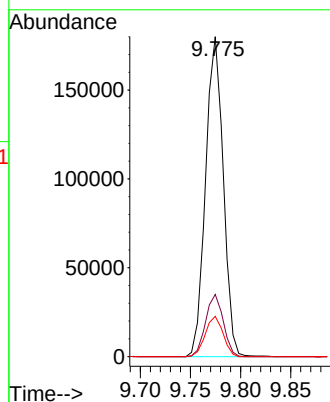
Tgt Ion:152 Resp: 220118

Ion Ratio Lower Upper

152 100

151 19.4 15.9 23.9

153 12.6 10.5 15.7



#50

Dimethylphthalate

Concen: 10.133 ng

RT: 9.628 min Scan# 1264

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

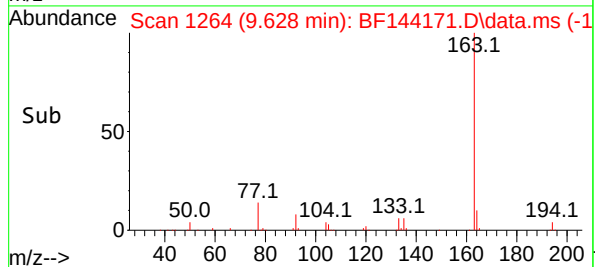
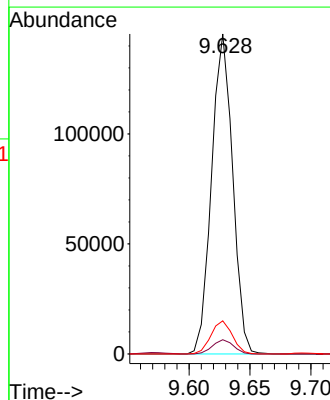
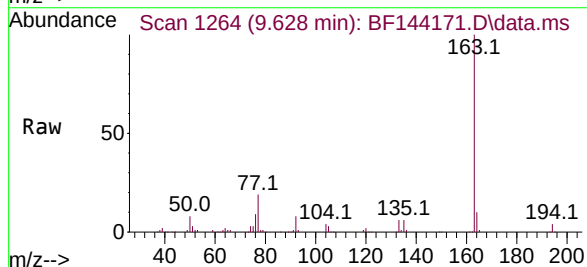
Tgt Ion:163 Resp: 175284

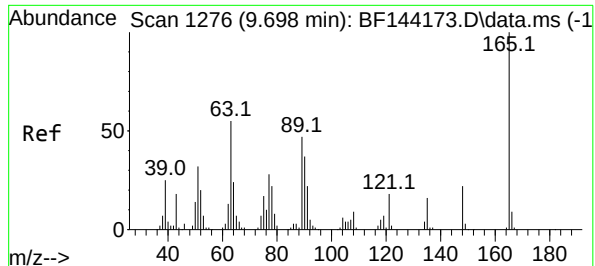
Ion Ratio Lower Upper

163 100

194 4.4 3.3 4.9

164 10.3 8.1 12.1

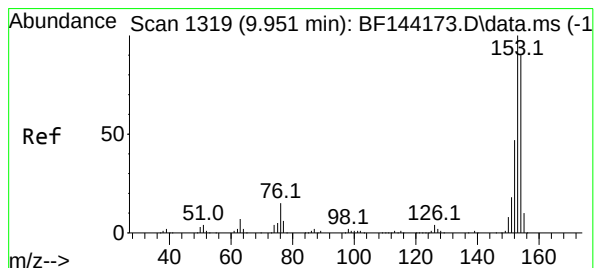
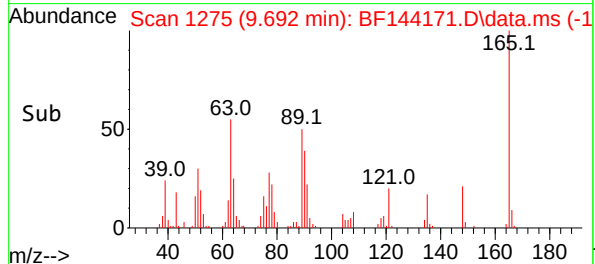
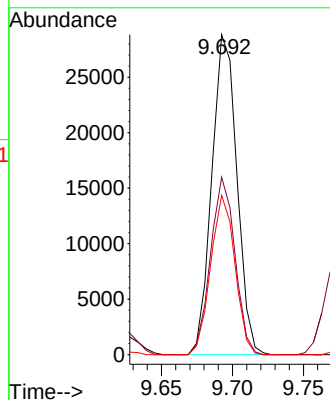
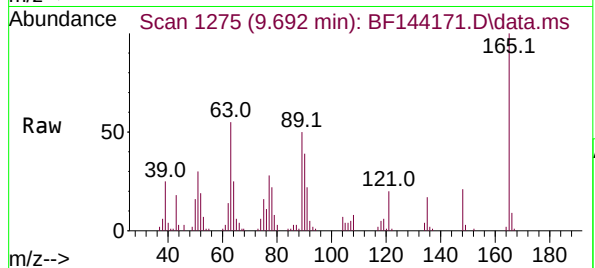




#51
2,6-Dinitrotoluene
Concen: 10.119 ng
RT: 9.692 min Scan# 1275
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

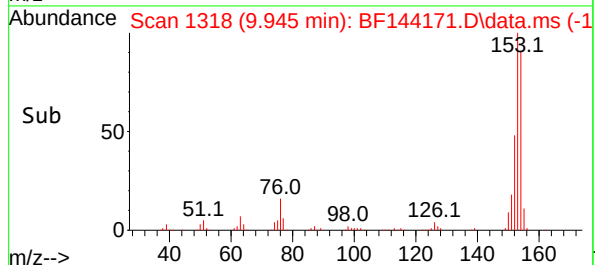
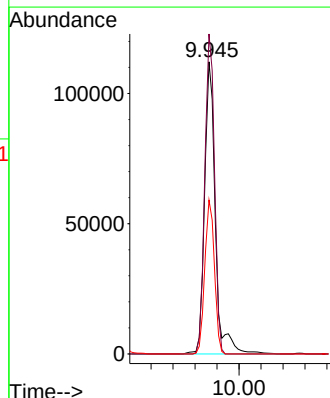
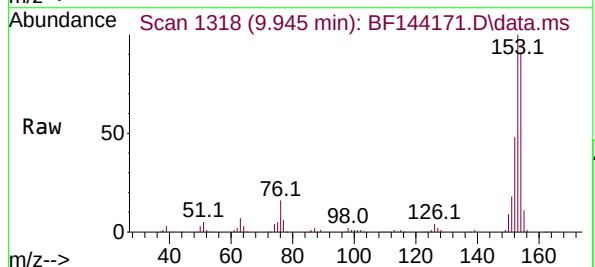
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

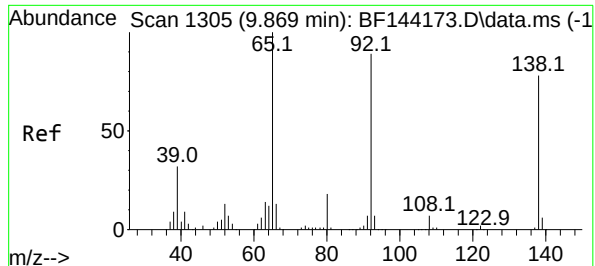
Tgt Ion	165	Ratio	100	Lower	Upper
165	100				
63	55.4		43.8	65.8	
89	49.8		37.5	56.3	



#52
Acenaphthene
Concen: 10.705 ng
RT: 9.945 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion	154	Ratio	100	Lower	Upper
154	100				
153	109.5		89.0	133.4	
152	52.7		42.2	63.4	





#53

3-Nitroaniline

Concen: 10.259 ng

RT: 9.863 min Scan# 1305

Delta R.T. -0.012 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

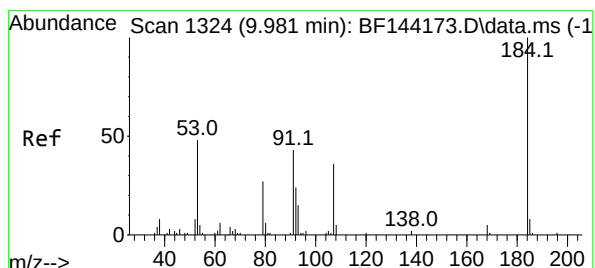
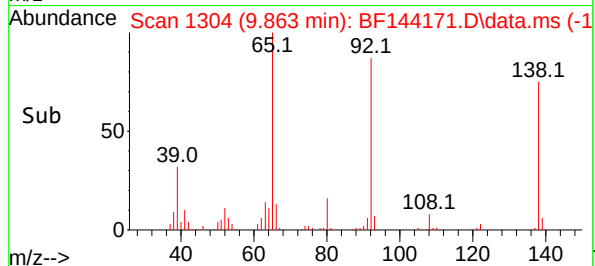
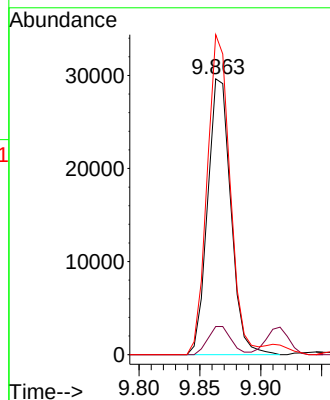
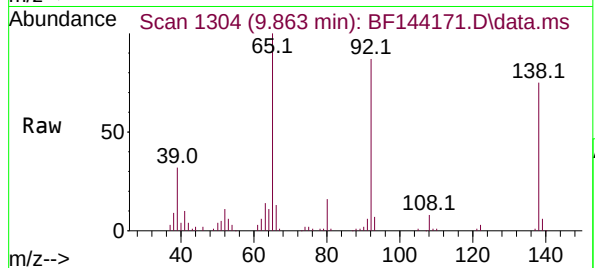
Tgt Ion:138 Resp: 39270

Ion Ratio Lower Upper

138 100

108 10.2 7.5 11.3

92 116.1 91.8 137.6



#54

2,4-Dinitrophenol

Concen: 12.447 ng

RT: 9.981 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

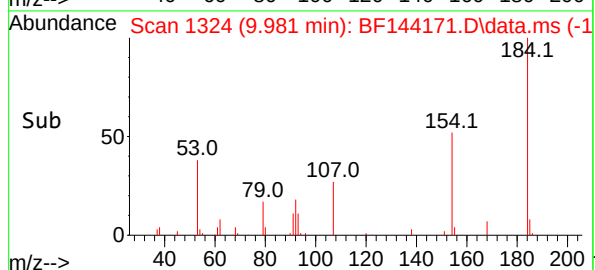
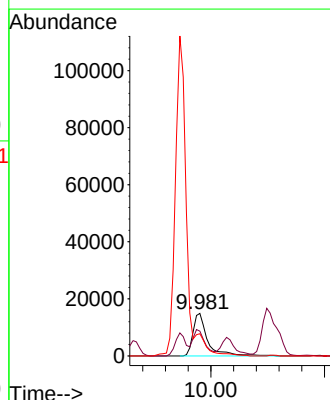
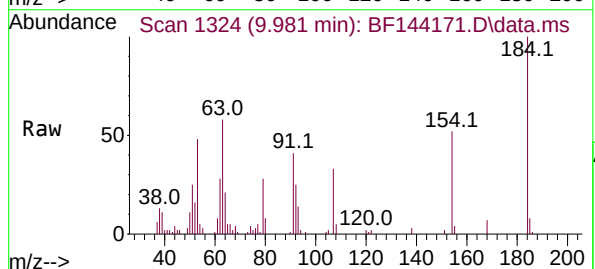
Tgt Ion:184 Resp: 26319

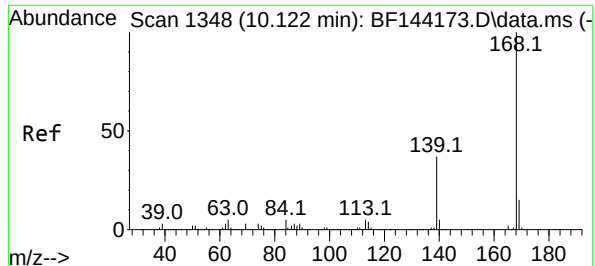
Ion Ratio Lower Upper

184 100

63 58.3 44.0 66.0

154 51.9 42.4 63.6





#55

Dibenzofuran

Concen: 10.530 ng

RT: 10.122 min Scan# 1348

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

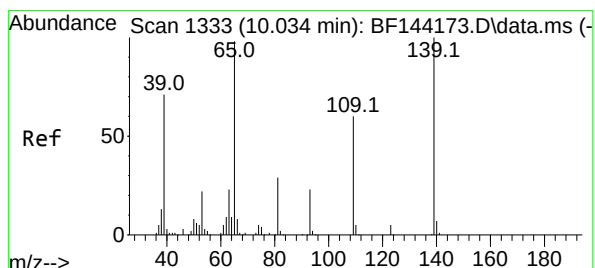
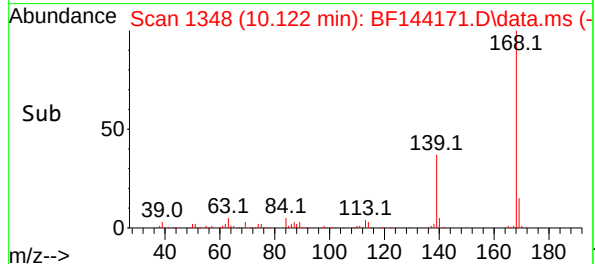
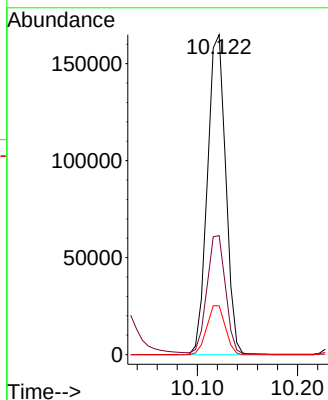
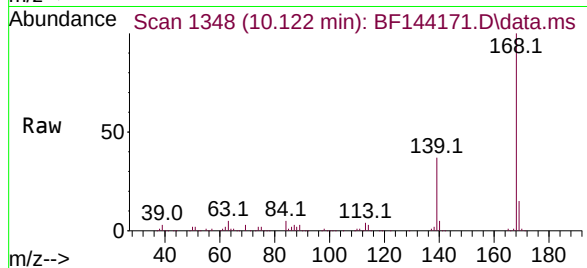
Tgt Ion:168 Resp: 208943

Ion Ratio Lower Upper

168 100

139 37.2 30.2 45.2

169 15.2 12.2 18.4



#56

4-Nitrophenol

Concen: 12.867 ng

RT: 10.028 min Scan# 1332

Delta R.T. -0.012 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

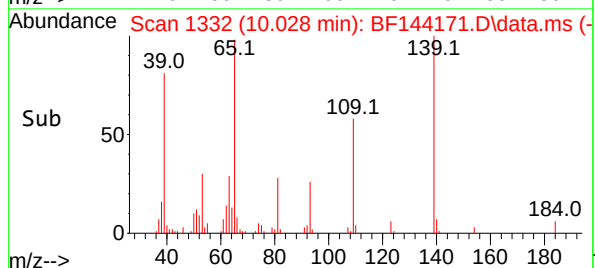
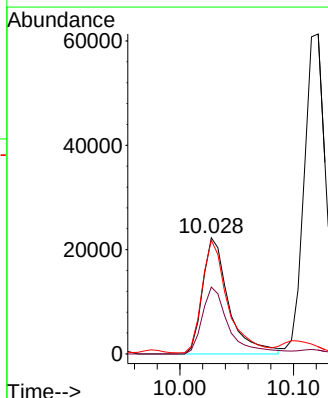
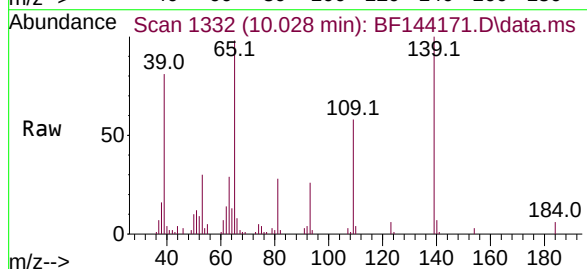
Tgt Ion:139 Resp: 35627

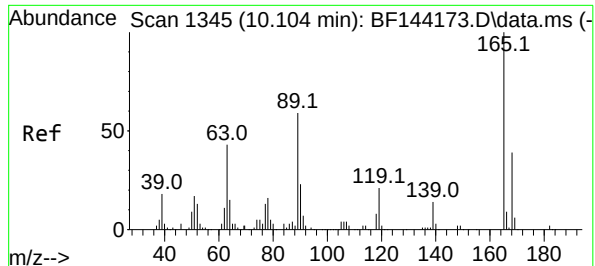
Ion Ratio Lower Upper

139 100

109 57.6 39.9 79.9

65 98.0 79.5 119.5

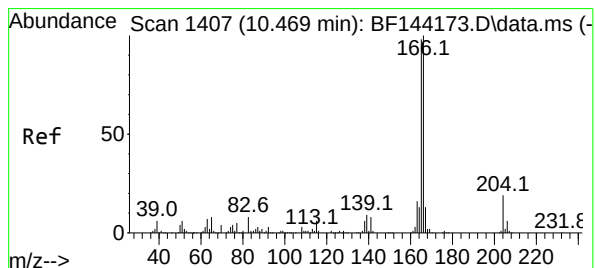
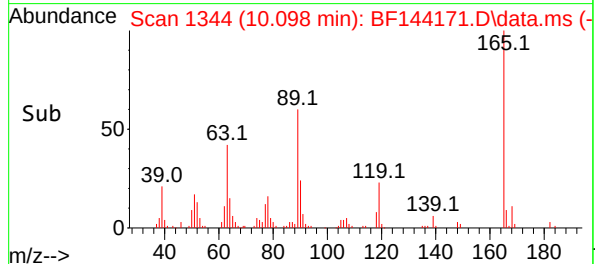
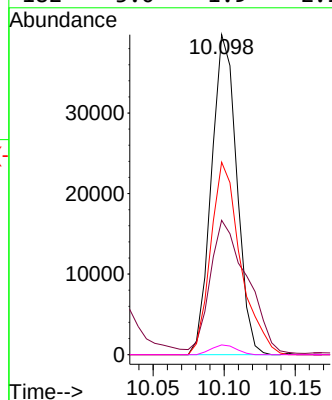
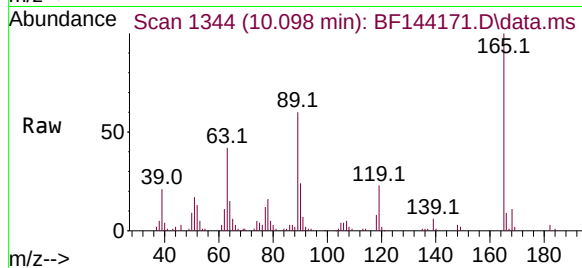




#57
2,4-Dinitrotoluene
Concen: 10.508 ng
RT: 10.098 min Scan# 1345
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

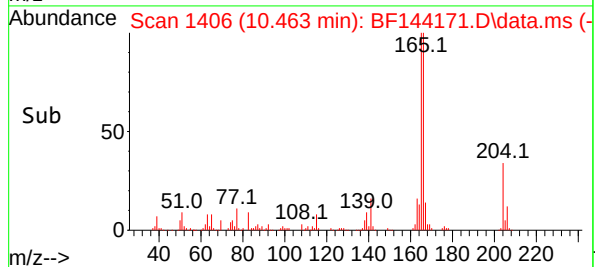
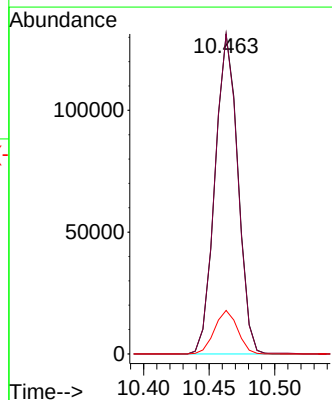
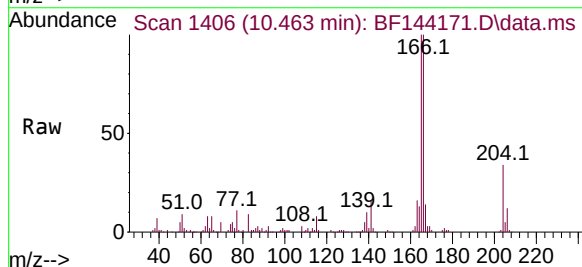
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

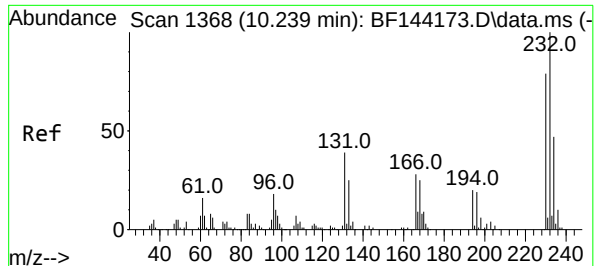
Tgt Ion:165 Resp: 49257
Ion Ratio Lower Upper
165 100
63 42.0 35.5 53.3
89 60.1 47.4 71.2
182 3.0 1.9 2.9#



#58
Fluorene
Concen: 10.581 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:166 Resp: 159623
Ion Ratio Lower Upper
166 100
165 99.9 78.6 118.0
167 13.6 10.4 15.6

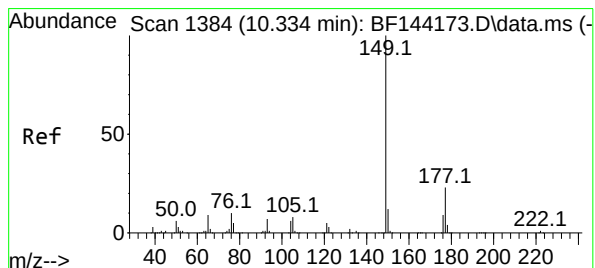
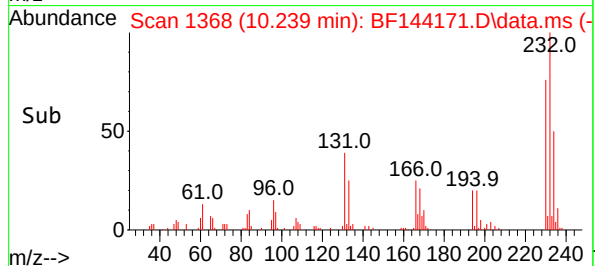
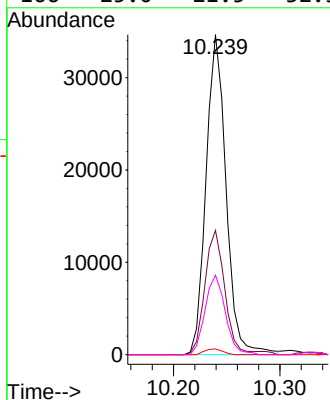
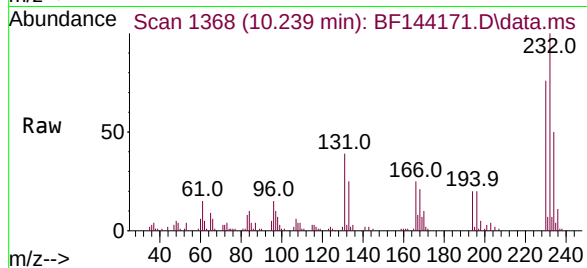




#59
2,3,4,6-Tetrachlorophenol
Concen: 10.207 ng
RT: 10.239 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

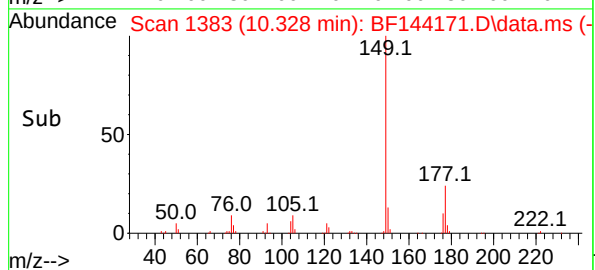
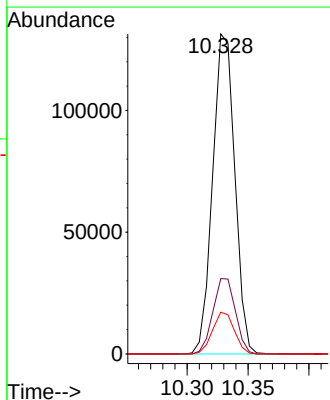
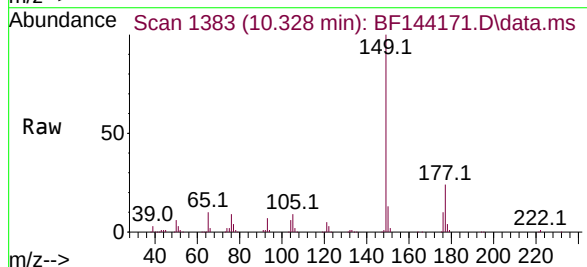
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

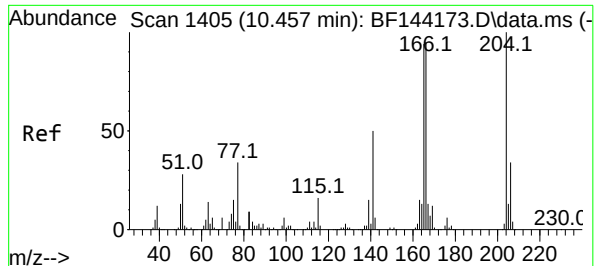
Tgt Ion:232 Resp: 45333
Ion Ratio Lower Upper
232 100
131 39.1 30.3 45.5
130 1.6 1.2 1.8
166 25.0 21.5 32.3



#60
Diethylphthalate
Concen: 10.426 ng
RT: 10.328 min Scan# 1383
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:149 Resp: 166246
Ion Ratio Lower Upper
149 100
177 23.5 18.3 27.5
150 13.0 9.8 14.6

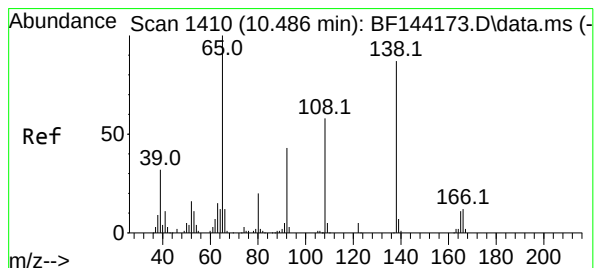
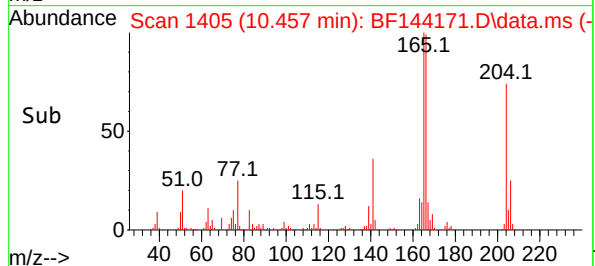
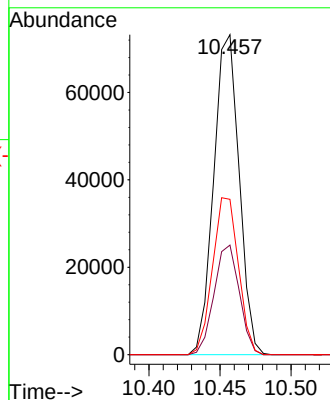
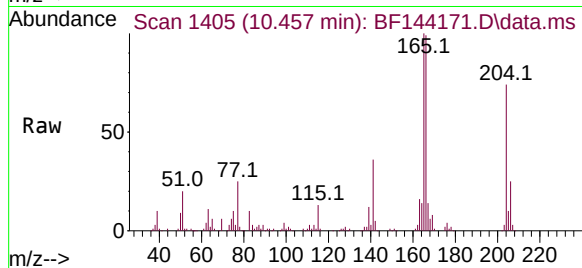




#61
4-Chlorophenyl-phenylether
Concen: 10.645 ng
RT: 10.457 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

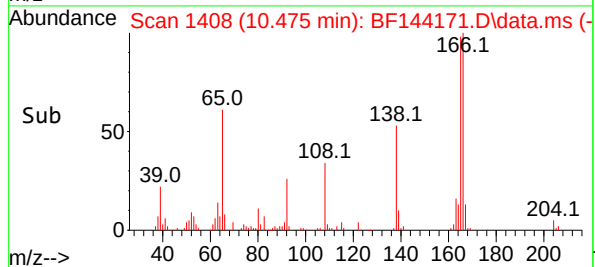
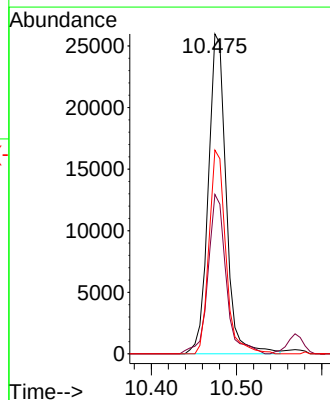
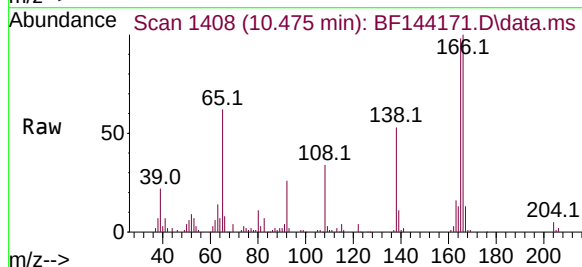
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

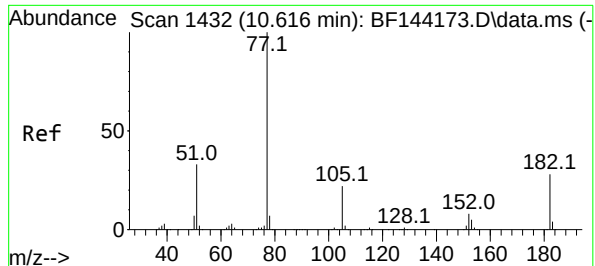
Tgt Ion	204	Resp:	91478
Ion Ratio	Lower	Upper	
204	100		
206	34.2	27.4	41.2
141	48.5	40.0	60.0



#62
4-Nitroaniline
Concen: 10.375 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.023 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion	138	Resp:	37821
Ion Ratio	Lower	Upper	
138	100		
92	49.8	29.4	69.4
108	63.7	46.4	86.4

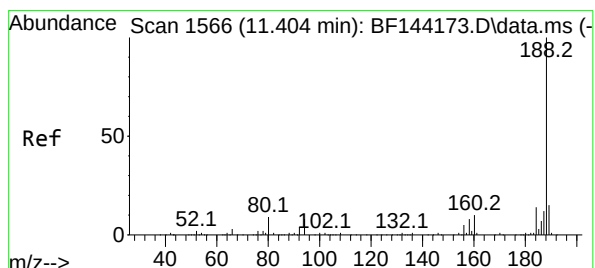
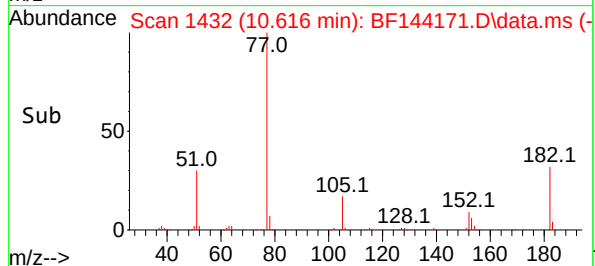
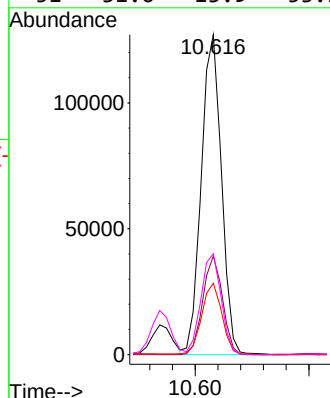
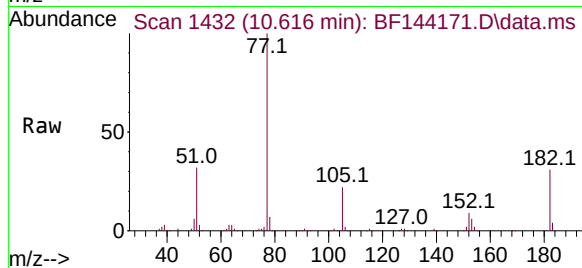




#63
Azobenzene
Concen: 10.586 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

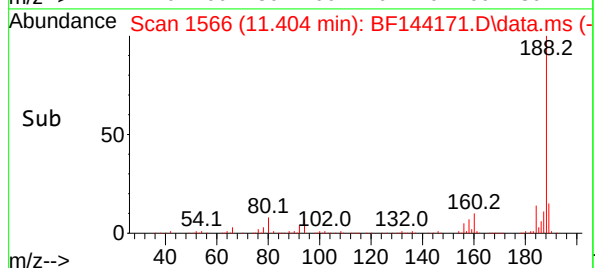
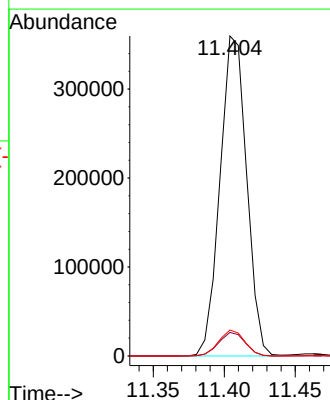
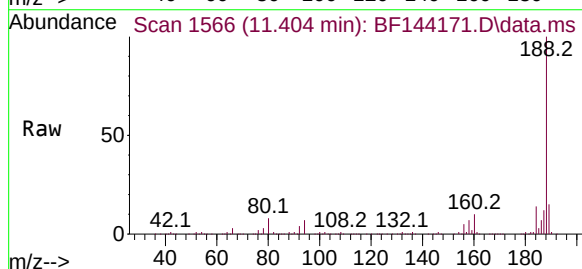
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

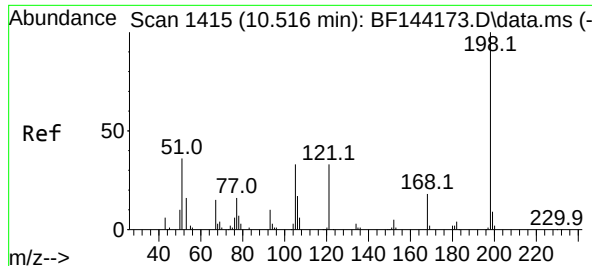
Tgt Ion:	77	Resp:	157098
Ion	Ratio	Lower	Upper
77	100		
182	30.8	8.1	48.1
105	22.3	2.0	42.0
51	31.6	13.9	53.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:	188	Resp:	469428
Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.2	9.2
80	8.1	6.9	10.3





#65

4,6-Dinitro-2-methylphenol

Concen: 10.823 ng

RT: 10.510 min Scan# 1415

Delta R.T. -0.012 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

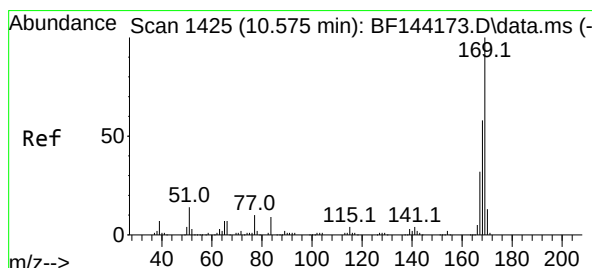
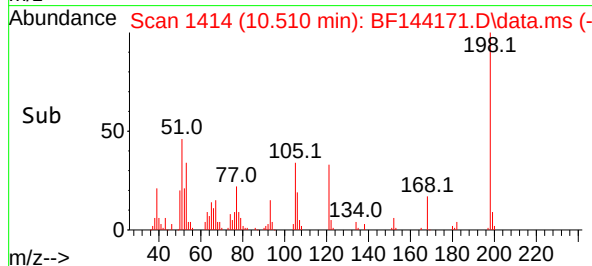
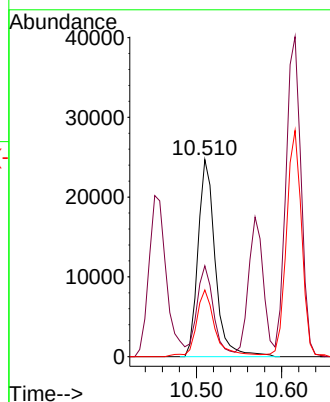
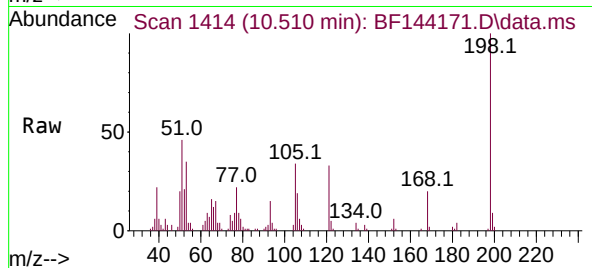
Tgt Ion:198 Resp: 34516

Ion Ratio Lower Upper

198 100

51 46.1 25.6 65.6

105 33.8 14.6 54.6



#66

n-Nitrosodiphenylamine

Concen: 10.509 ng

RT: 10.569 min Scan# 1424

Delta R.T. -0.012 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

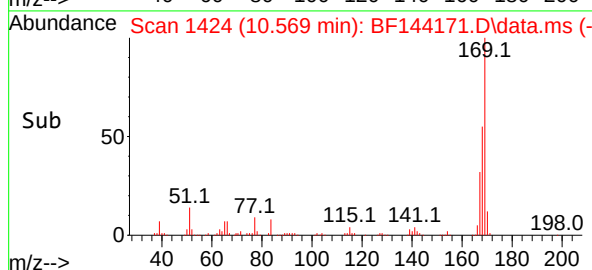
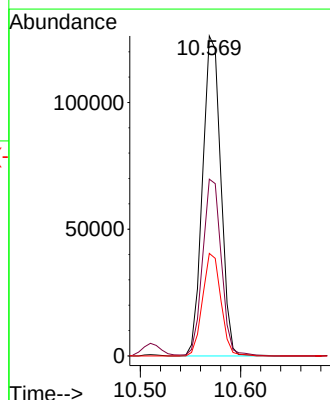
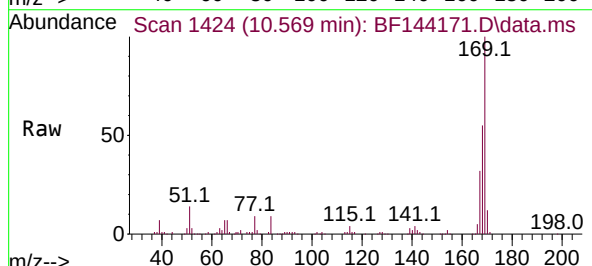
Tgt Ion:169 Resp: 158661

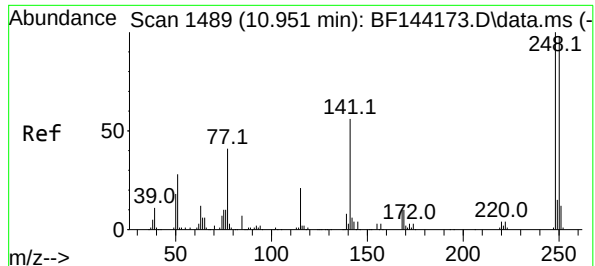
Ion Ratio Lower Upper

169 100

168 55.2 46.2 69.2

167 32.0 25.7 38.5

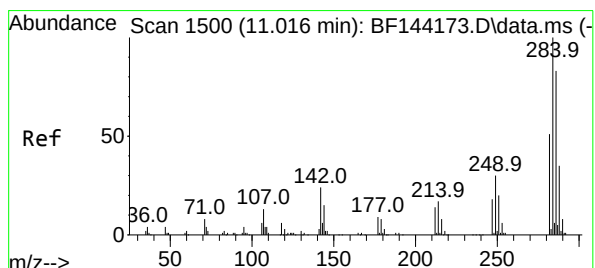
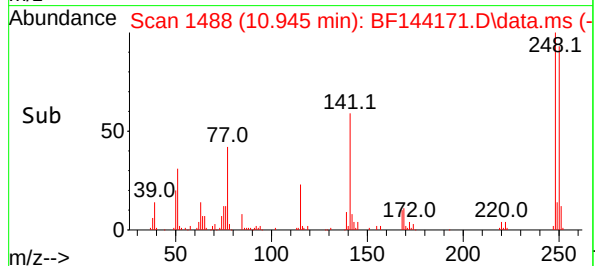
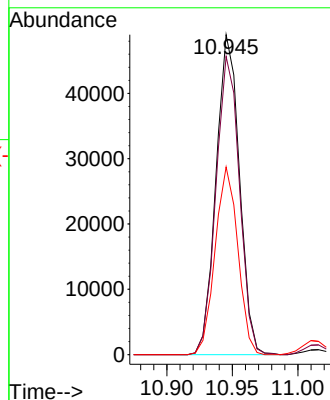
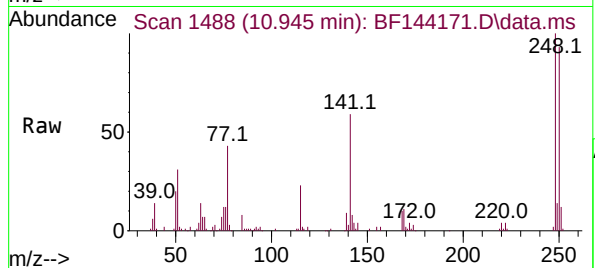




#67
4-Bromophenyl-phenylether
Concen: 10.169 ng
RT: 10.945 min Scan# 1488
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

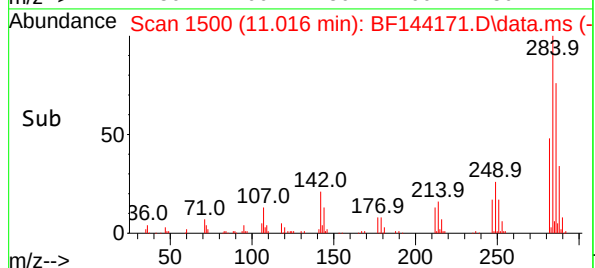
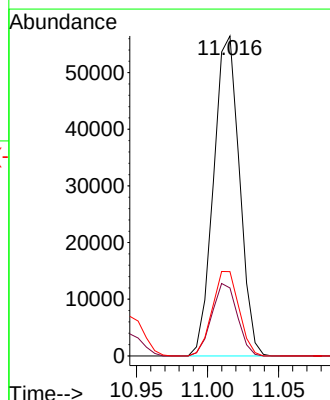
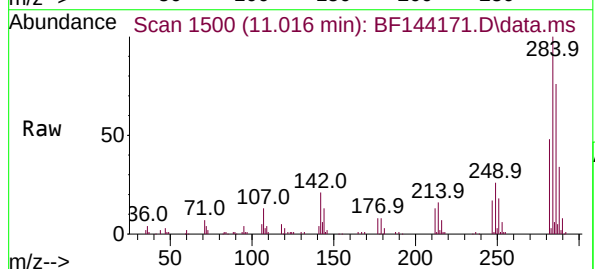
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

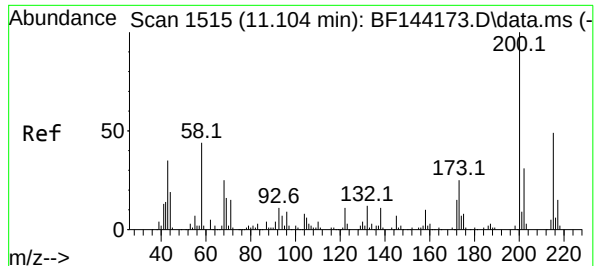
Tgt Ion:248 Resp: 60929
Ion Ratio Lower Upper
248 100
250 93.2 78.4 117.6
141 58.6 45.1 67.7



#68
Hexachlorobenzene
Concen: 10.168 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:284 Resp: 71759
Ion Ratio Lower Upper
284 100
142 21.2 19.2 28.8
249 26.3 23.8 35.8





#69

Atrazine

Concen: 10.302 ng

RT: 11.098 min Scan# 1514

Delta R.T. -0.012 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

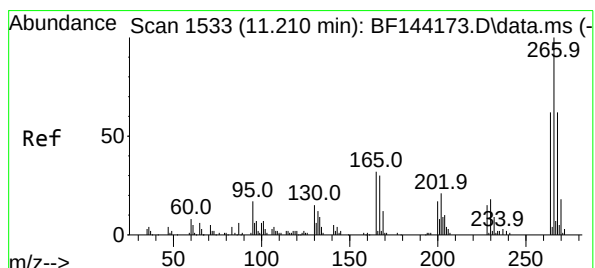
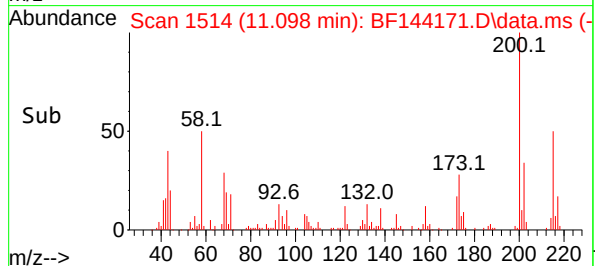
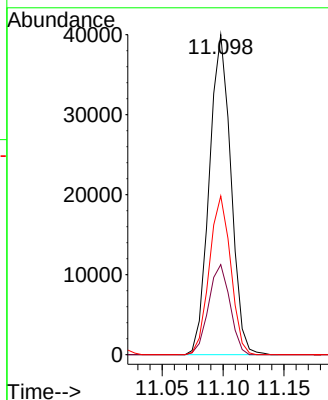
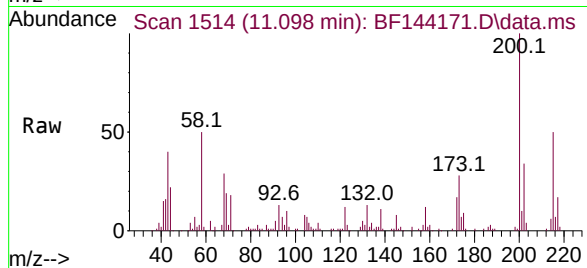
Tgt Ion:200 Resp: 49466

Ion Ratio Lower Upper

200 100

173 28.1 5.0 45.0

215 49.6 28.7 68.7



#70

Pentachlorophenol

Concen: 9.012 ng

RT: 11.210 min Scan# 1533

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

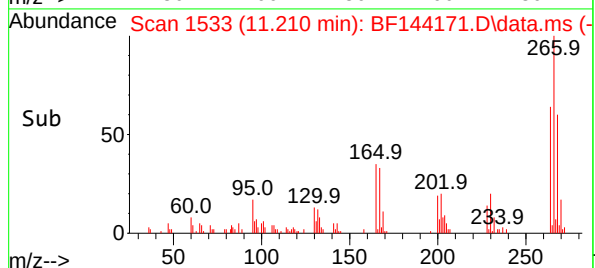
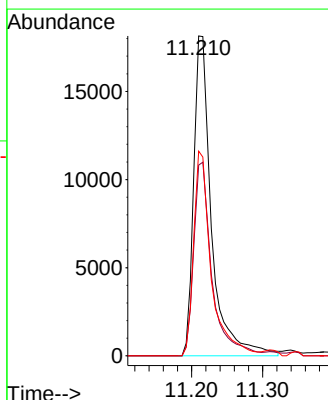
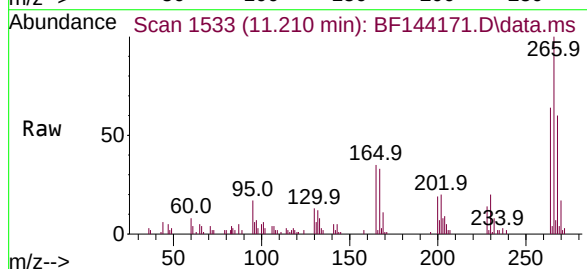
Tgt Ion:266 Resp: 31673

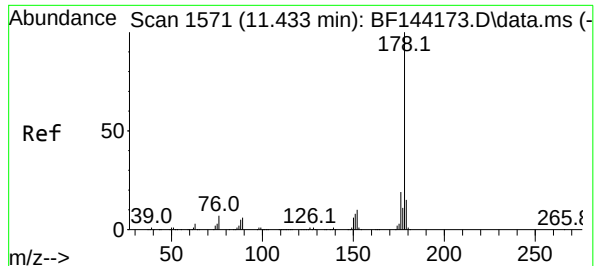
Ion Ratio Lower Upper

266 100

268 59.6 49.5 74.3

264 64.0 49.4 74.2

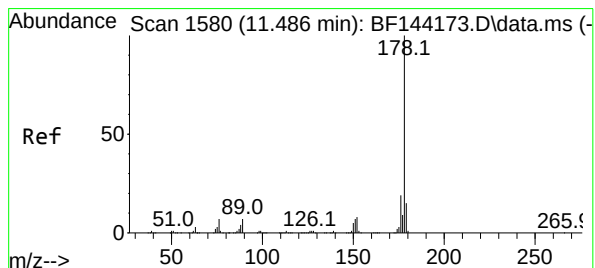
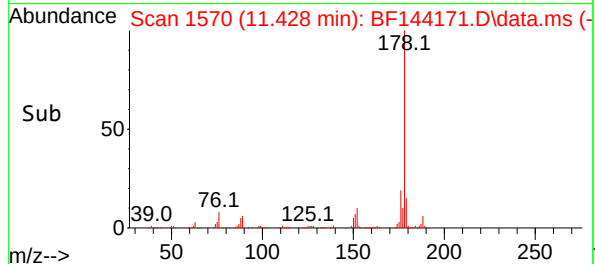
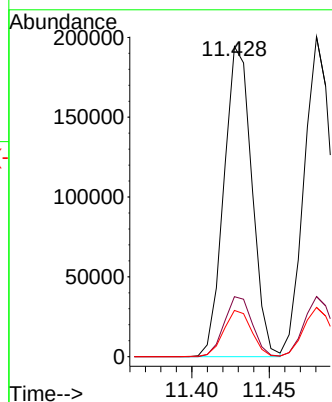
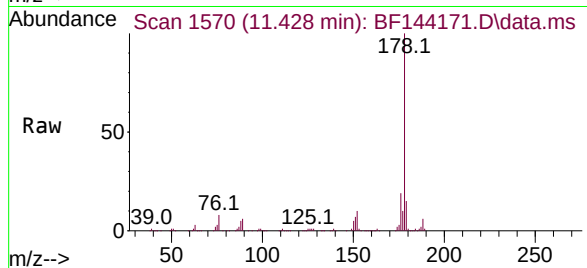




#71
Phenanthrene
Concen: 10.460 ng
RT: 11.428 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

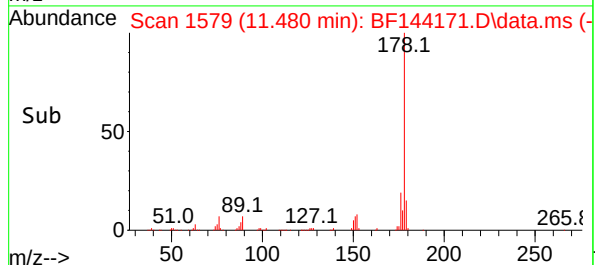
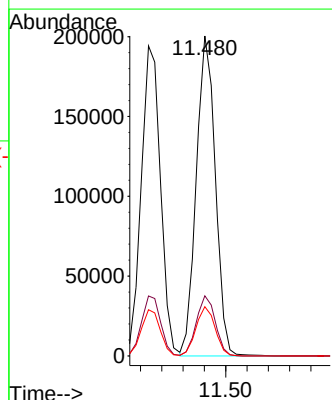
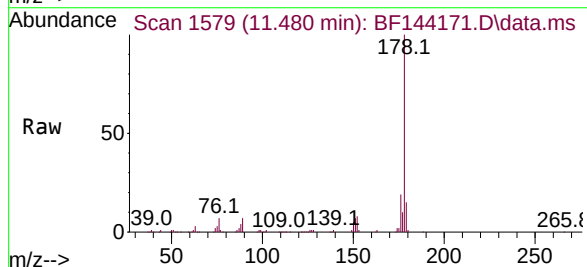
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

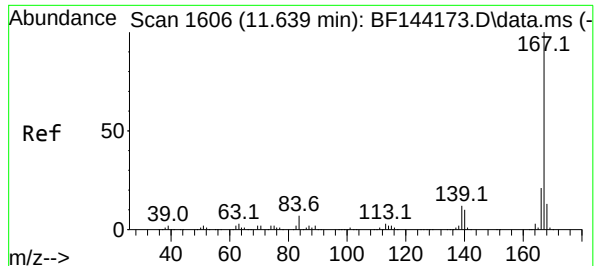
Tgt Ion:178 Resp: 244478
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 14.9 12.2 18.4



#72
Anthracene
Concen: 10.457 ng
RT: 11.480 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:178 Resp: 248511
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 15.4 12.0 18.0

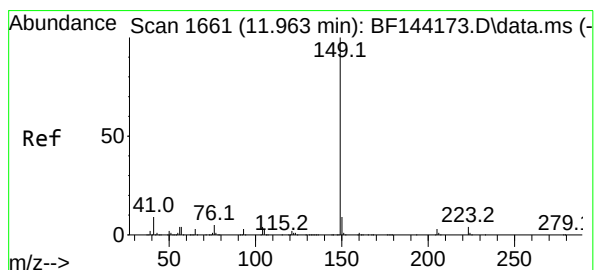
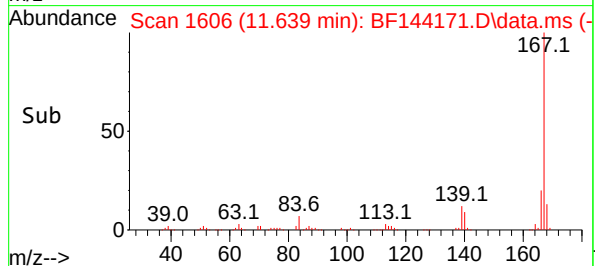
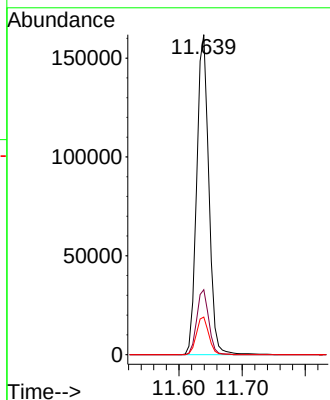
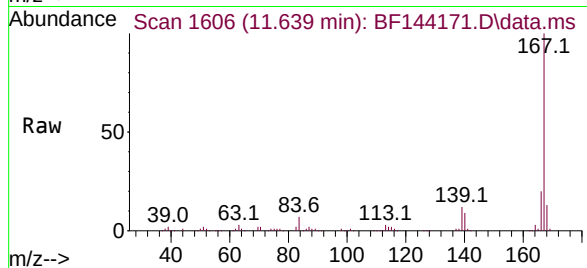




#73
Carbazole
Concen: 10.652 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

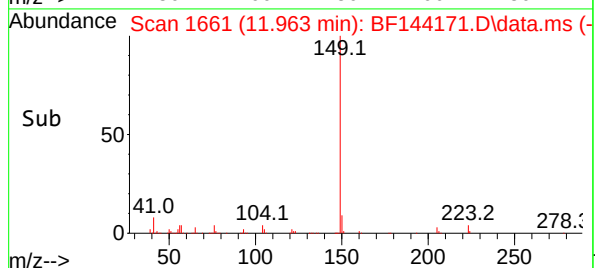
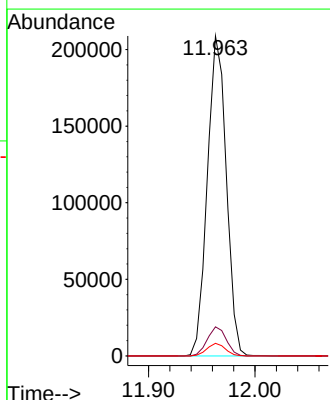
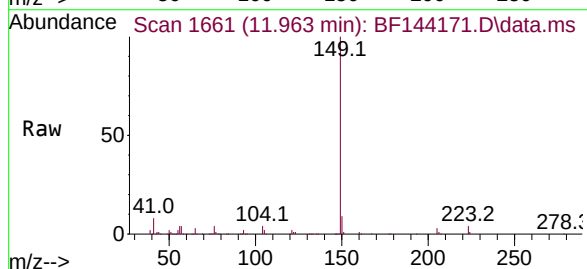
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

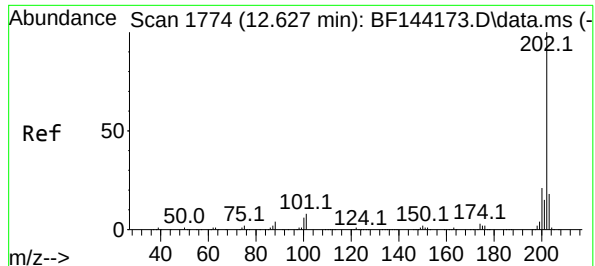
Tgt Ion:167 Resp: 215269
Ion Ratio Lower Upper
167 100
166 20.3 17.2 25.8
139 11.7 9.9 14.9



#74
Di-n-butylphthalate
Concen: 10.580 ng
RT: 11.963 min Scan# 1661
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

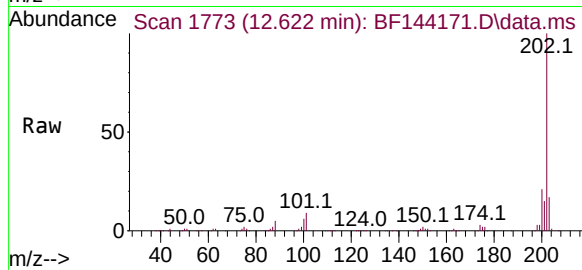
Tgt Ion:149 Resp: 258464
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 3.9 3.4 5.2



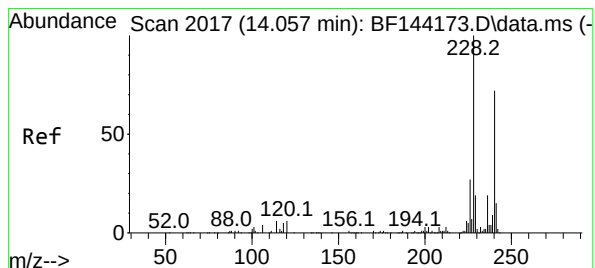
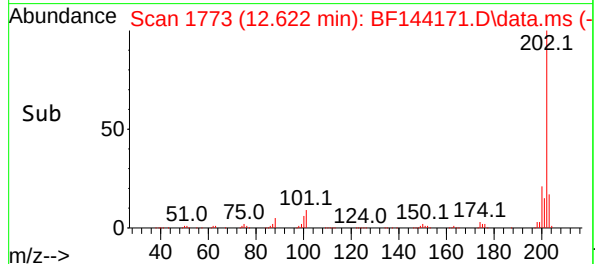
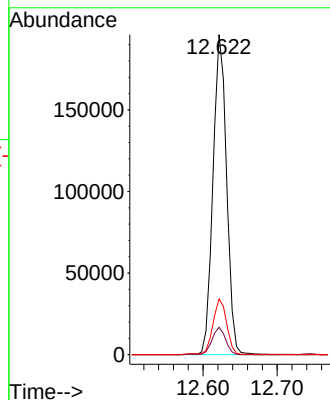


#75
Fluoranthene
Concen: 10.359 ng
RT: 12.622 min Scan# 1773
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

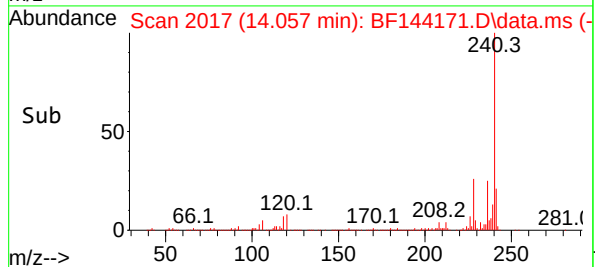
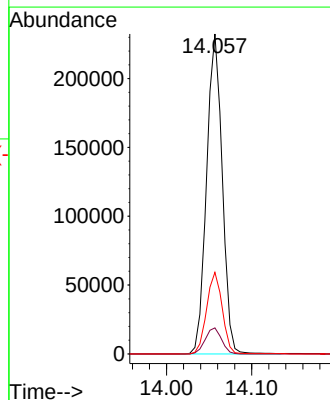
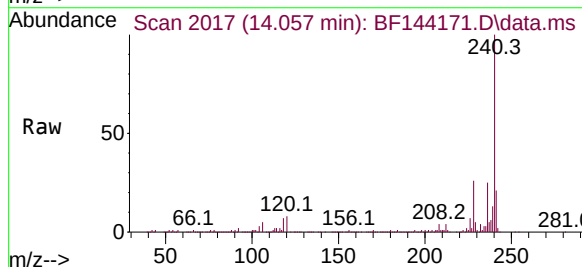


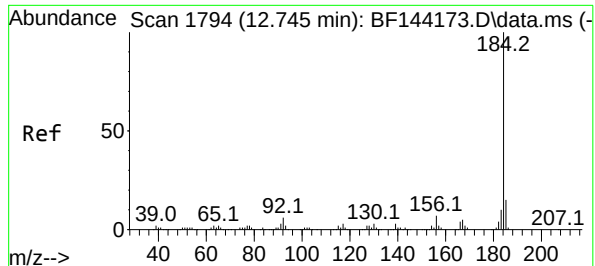
Tgt Ion:202 Resp: 250112
Ion Ratio Lower Upper
202 100
101 8.5 0.0 27.9
203 17.4 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:240 Resp: 296506
Ion Ratio Lower Upper
240 100
120 8.1 6.6 10.0
236 25.5 21.4 32.2





#77

Benzidine

Concen: 11.958 ng

RT: 12.745 min Scan# 1794

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

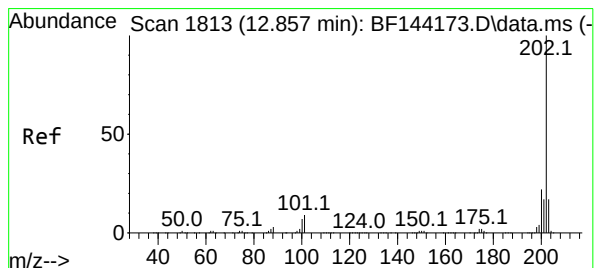
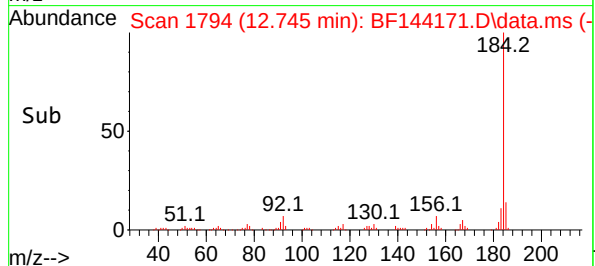
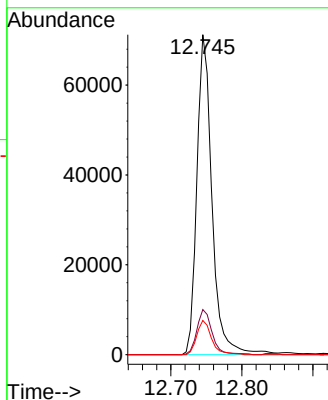
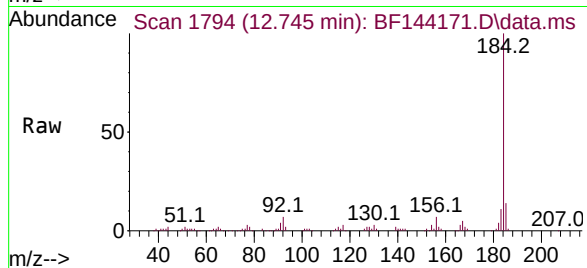
Tgt Ion:184 Resp: 104876

Ion Ratio Lower Upper

184 100

185 14.1 11.7 17.5

183 10.7 8.3 12.5



#78

Pyrene

Concen: 10.823 ng

RT: 12.851 min Scan# 1812

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

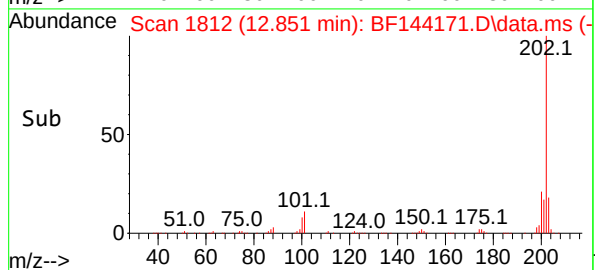
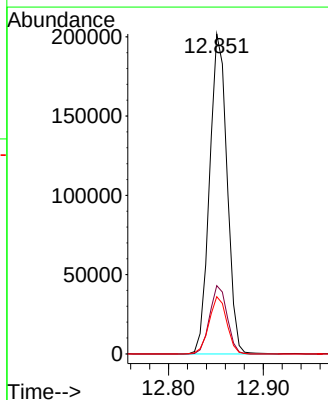
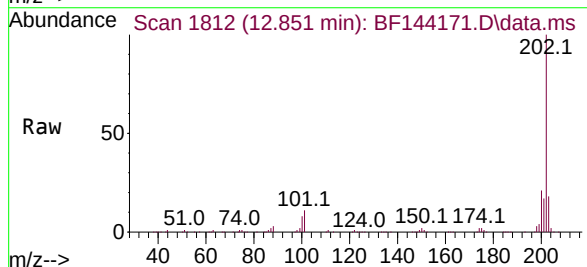
Tgt Ion:202 Resp: 258743

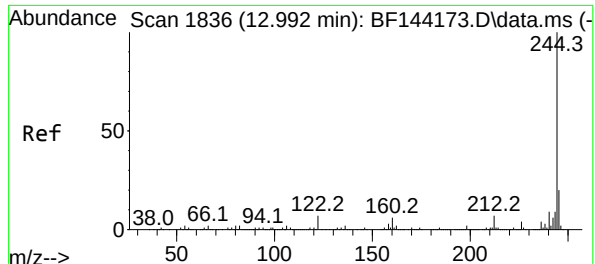
Ion Ratio Lower Upper

202 100

200 21.3 17.2 25.8

203 17.9 13.7 20.5





#79

Terphenyl-d14

Concen: 22.476 ng

RT: 12.992 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

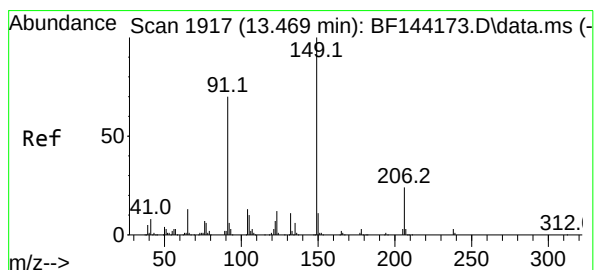
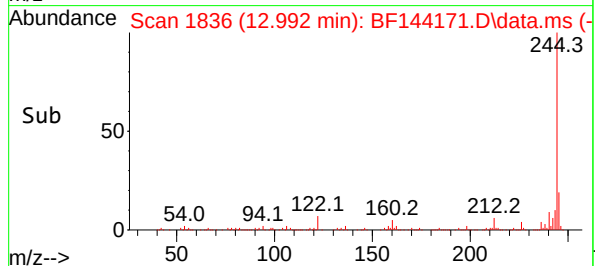
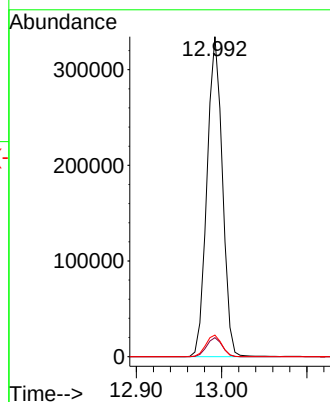
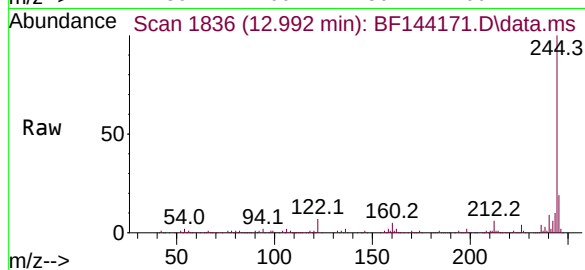
Tgt Ion:244 Resp: 419548

Ion Ratio Lower Upper

244 100

212 5.9 5.3 7.9

122 6.8 5.6 8.4



#80

Butylbenzylphthalate

Concen: 10.556 ng

RT: 13.469 min Scan# 1917

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

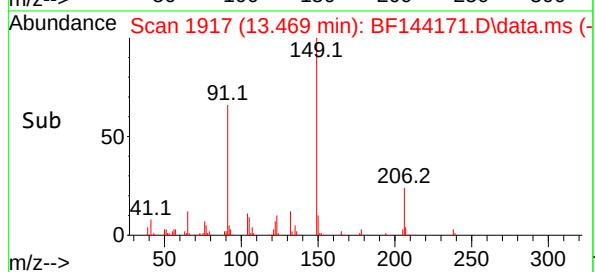
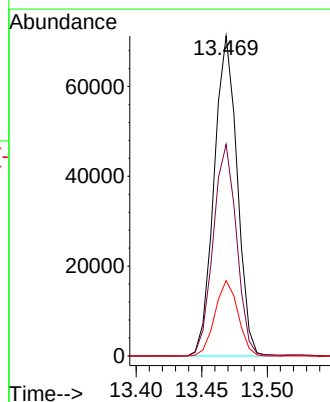
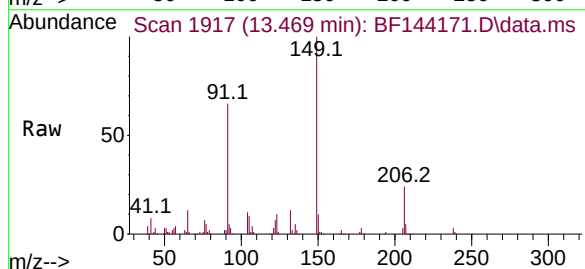
Tgt Ion:149 Resp: 87462

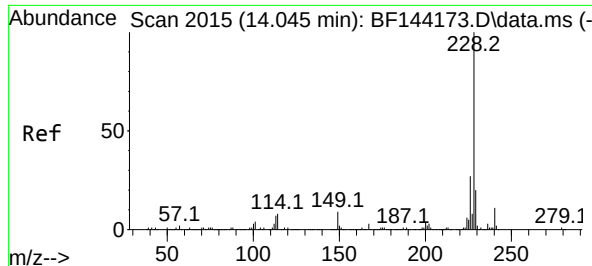
Ion Ratio Lower Upper

149 100

91 66.1 56.1 84.1

206 23.6 18.8 28.2

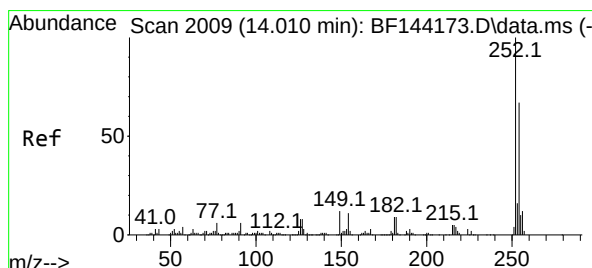
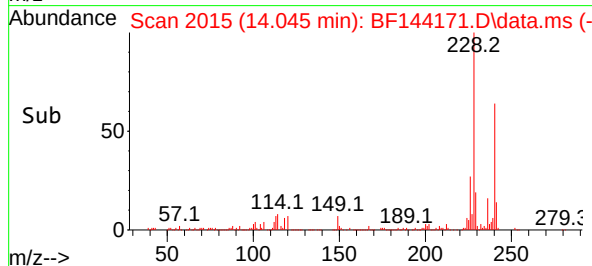
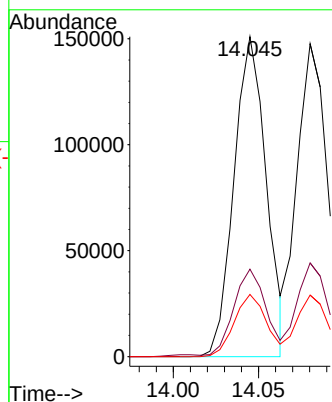
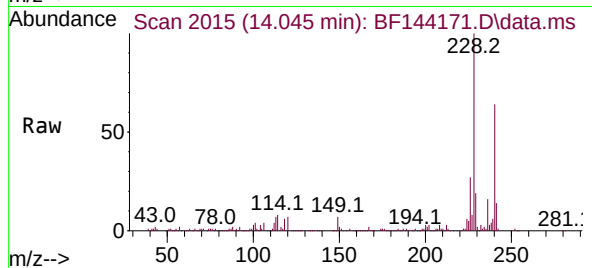




#81
Benzo(a)anthracene
Concen: 9.664 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

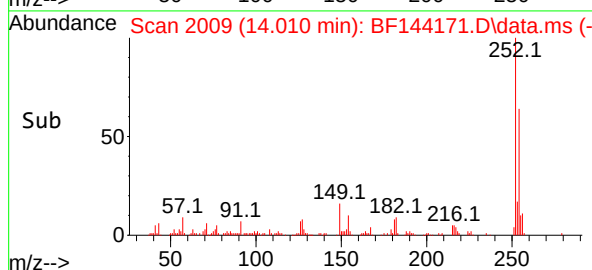
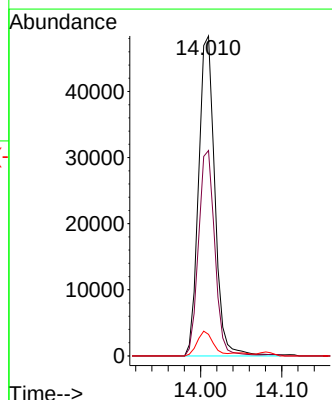
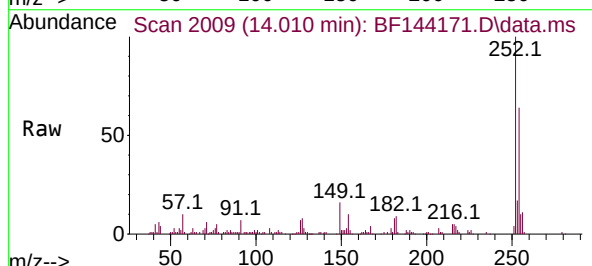
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

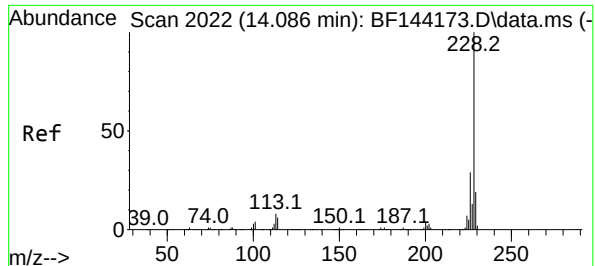
Tgt Ion:228 Resp: 198590
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.4 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 9.535 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:252 Resp: 67166
Ion Ratio Lower Upper
252 100
254 64.2 53.5 80.3
126 6.7 6.4 9.6





#83

Chrysene

Concen: 9.731 ng

RT: 14.080 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

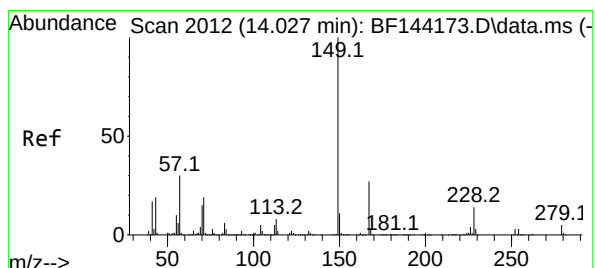
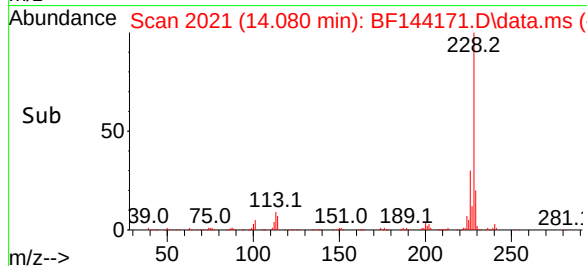
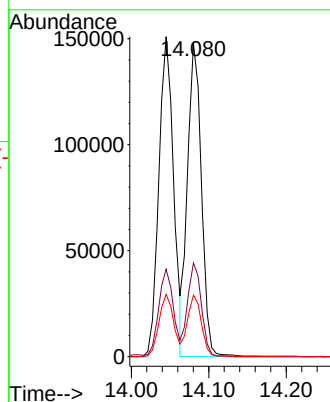
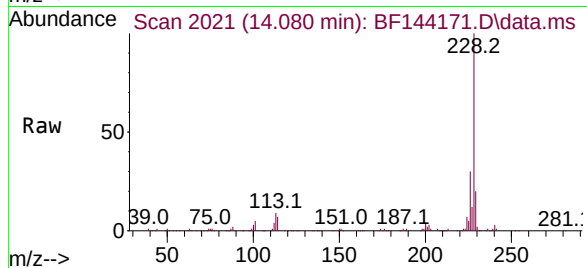
Tgt Ion:228 Resp: 184604

Ion Ratio Lower Upper

228 100

226 30.0 22.9 34.3

229 19.7 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.662 ng

RT: 14.027 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

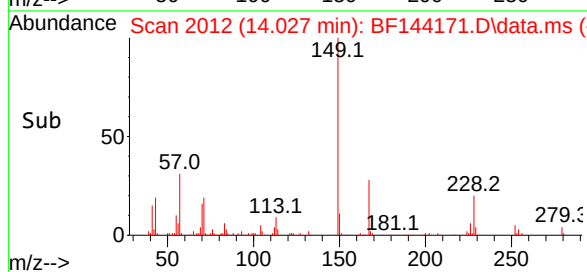
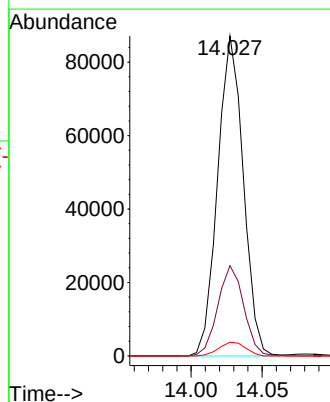
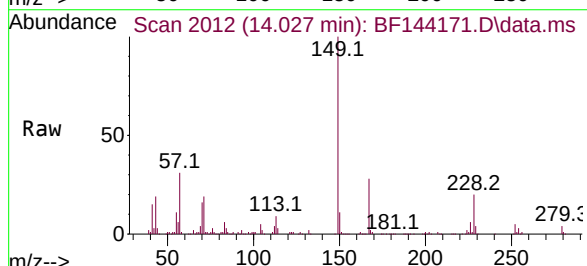
Tgt Ion:149 Resp: 109593

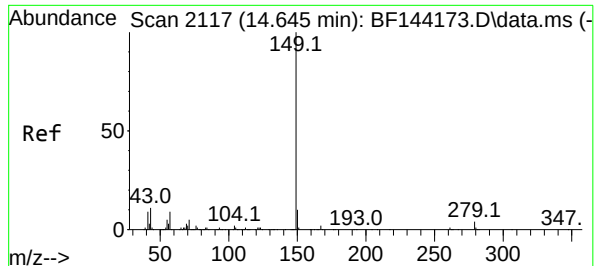
Ion Ratio Lower Upper

149 100

167 28.2 21.8 32.8

279 4.3 3.7 5.5

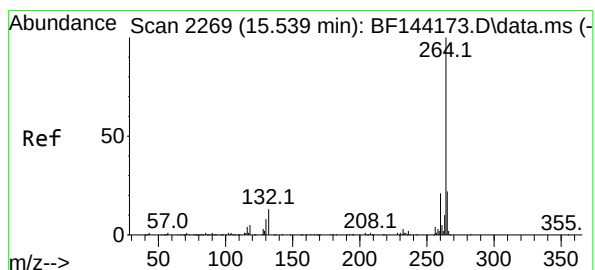
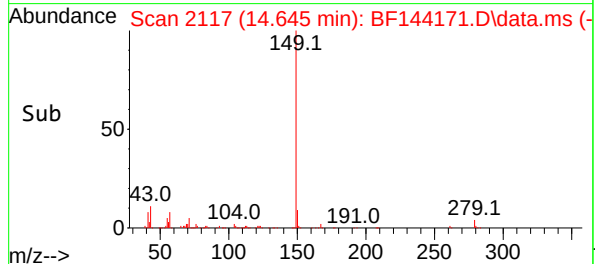
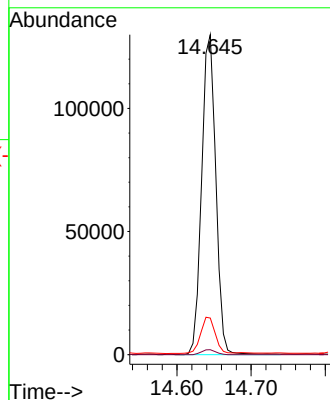
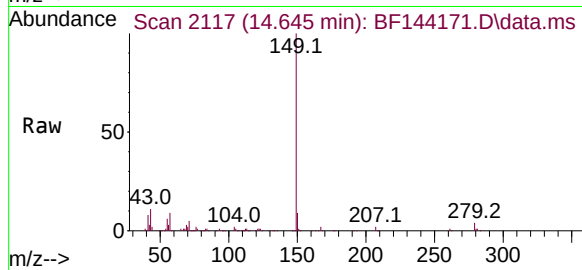




#85
Di-n-octyl phthalate
Concen: 8.811 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

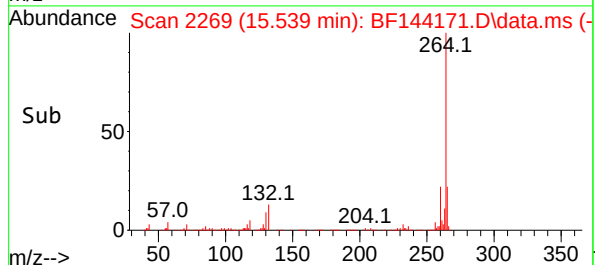
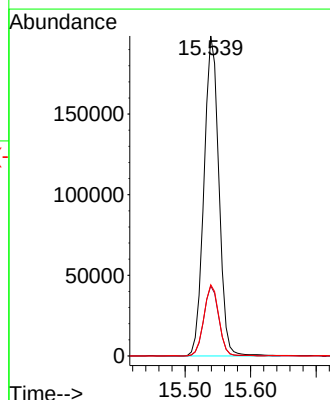
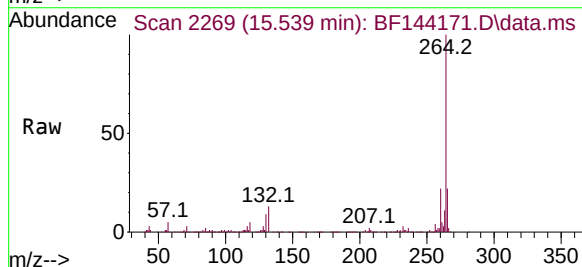
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

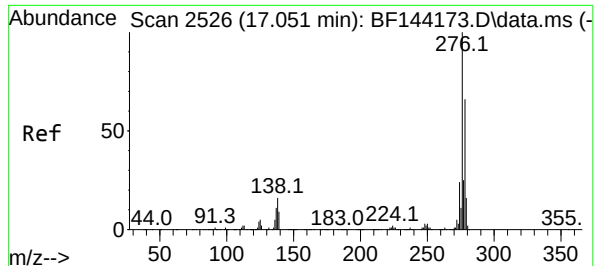
Tgt Ion:149 Resp: 172428
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.7 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:264 Resp: 311371
Ion Ratio Lower Upper
264 100
260 21.9 17.1 25.7
265 22.2 17.4 26.0

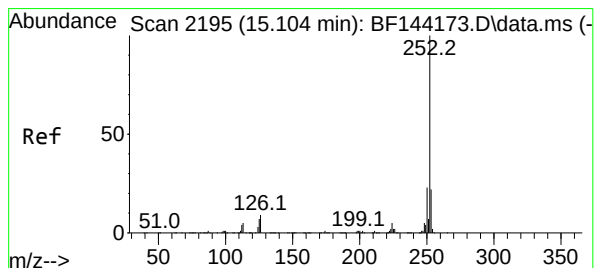
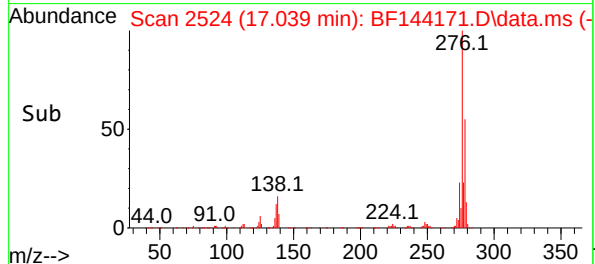
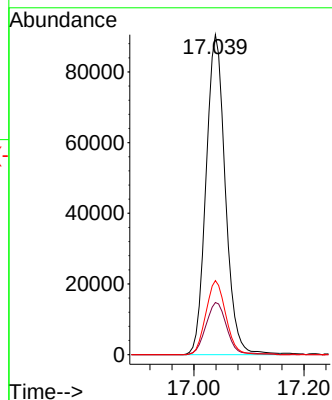
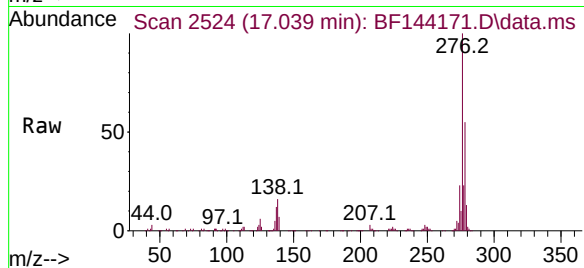




#87
Indeno(1,2,3-cd)pyrene
Concen: 9.831 ng
RT: 17.039 min Scan# 219736
Delta R.T. -0.023 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

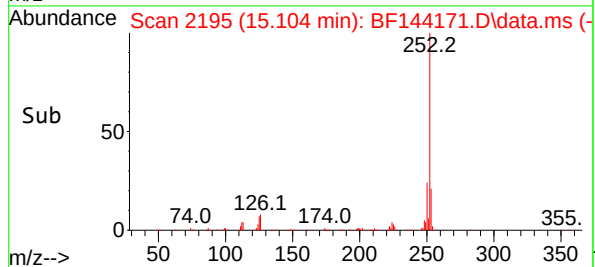
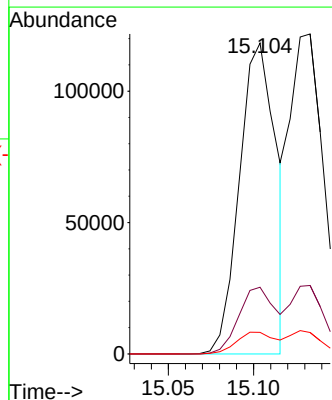
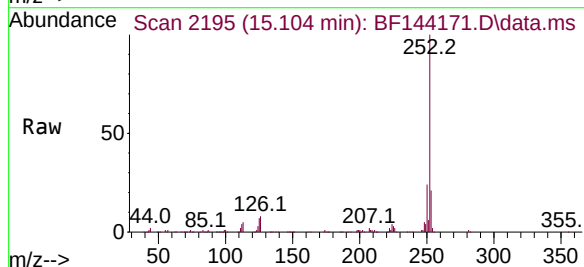
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

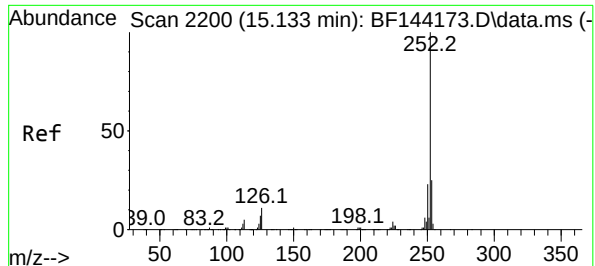
Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.7	13.9	20.9
277	23.8	19.8	29.6



#88
Benzo(b)fluoranthene
Concen: 9.963 ng
RT: 15.104 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.4	26.2
125	6.9	5.3	7.9





#89

Benzo(k)fluoranthene

Concen: 10.283 ng

RT: 15.133 min Scan# 2200

Delta R.T. -0.012 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

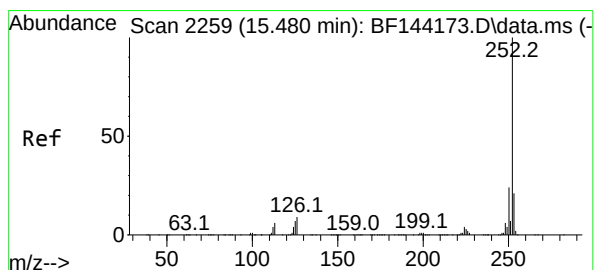
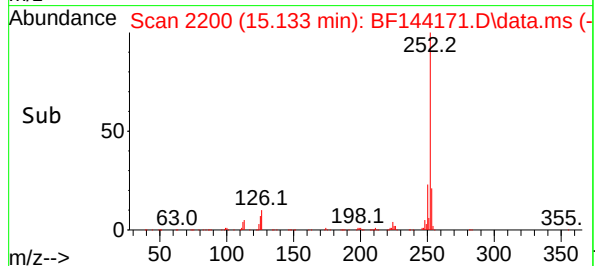
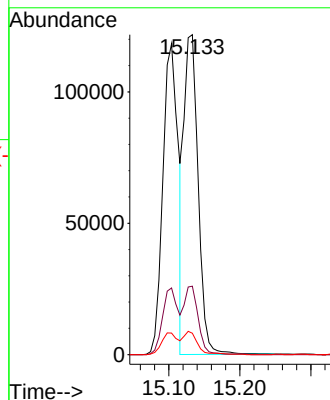
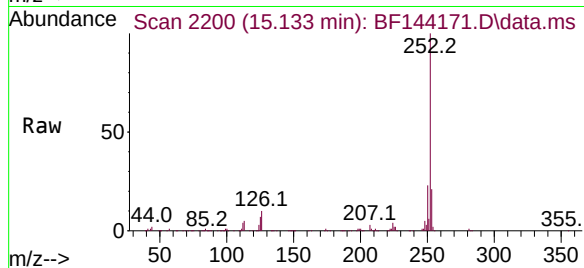
Tgt Ion:252 Resp: 170386

Ion Ratio Lower Upper

252 100

253 21.4 18.0 27.0

125 6.7 5.4 8.2



#90

Benzo(a)pyrene

Concen: 10.013 ng

RT: 15.474 min Scan# 2258

Delta R.T. -0.012 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

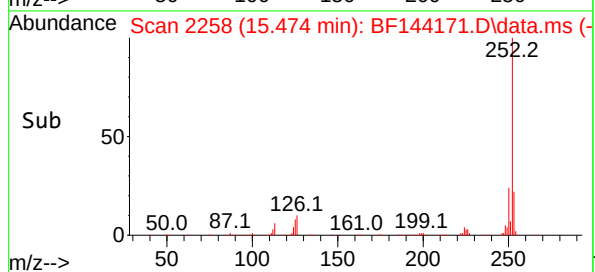
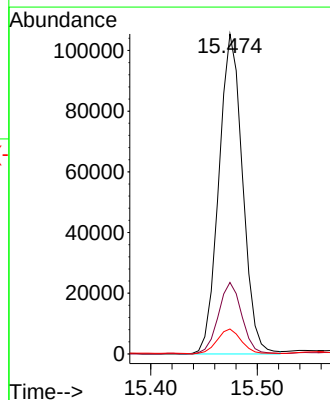
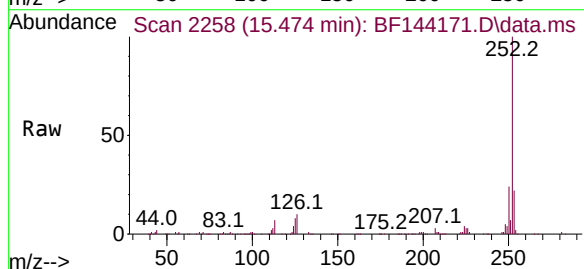
Tgt Ion:252 Resp: 163529

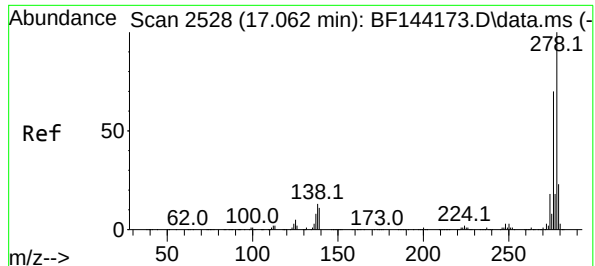
Ion Ratio Lower Upper

252 100

253 22.3 16.7 25.1

125 7.8 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 10.016 ng

RT: 17.051 min Scan# 2526

Delta R.T. -0.029 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

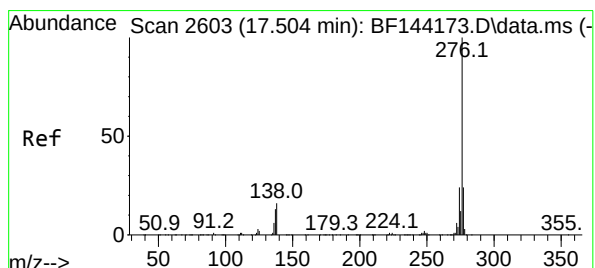
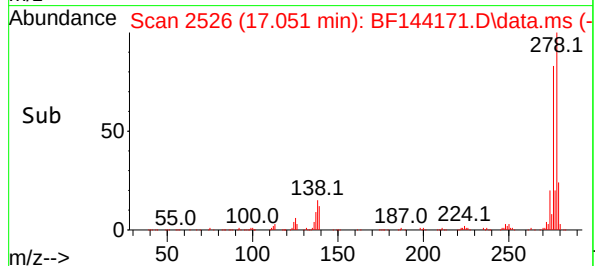
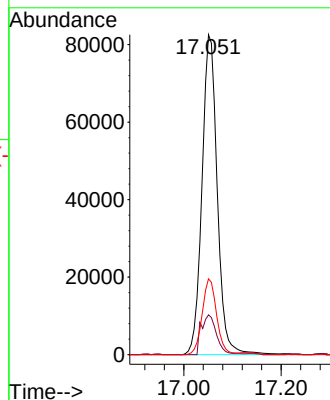
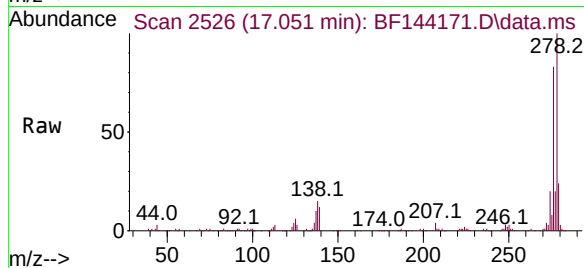
Tgt Ion:278 Resp: 179793

Ion Ratio Lower Upper

278 100

139 12.5 9.1 13.7

279 23.7 18.2 27.4



#92

Benzo(g,h,i)perylene

Concen: 9.877 ng

RT: 17.492 min Scan# 2601

Delta R.T. -0.029 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

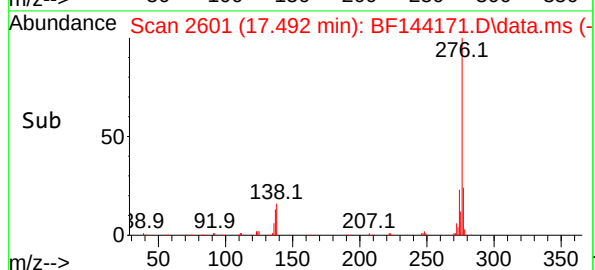
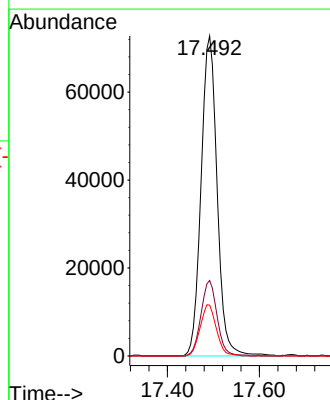
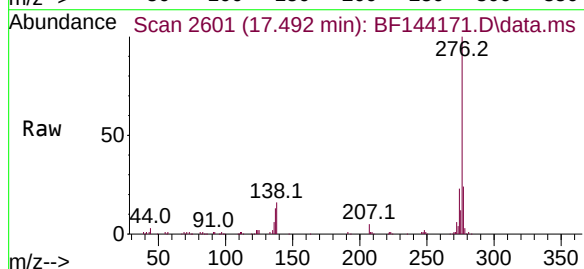
Tgt Ion:276 Resp: 175090

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.4

138 15.9 12.9 19.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144172.D
 Acq On : 05 Nov 2025 14:20
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Quant Time: Nov 05 17:23:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	97055	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	380834	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	220087	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	388430	20.000	ng	0.00
76) Chrysene-d12	14.057	240	250706	20.000	ng	0.00
86) Perylene-d12	15.539	264	297677	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	255468	41.191	ng	0.00
7) Phenol-d6	6.498	99	293338	41.742	ng	-0.01
23) Nitrobenzene-d5	7.434	82	265652	40.287	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	112928	40.889	ng	-0.01
45) 2-Fluorobiphenyl	9.234	172	599169	40.208	ng	0.00
79) Terphenyl-d14	12.992	244	638611	40.461	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.611	88	50319	19.624	ng	99
3) Pyridine	3.387	79	144716	20.230	ng	97
4) n-Nitrosodimethylamine	3.322	42	70474	18.860	ng	99
6) Aniline	6.534	93	205178	20.492	ng	100
8) 2-Chlorophenol	6.657	128	125443	20.624	ng	99
9) Benzaldehyde	6.428	77	88978	22.422	ng	99
10) Phenol	6.516	94	178562	20.797	ng	99
11) bis(2-Chloroethyl)ether	6.604	93	130219	20.814	ng	98
12) 1,3-Dichlorobenzene	6.816	146	153679	20.476	ng	97
13) 1,4-Dichlorobenzene	6.893	146	153656	20.435	ng	99
14) 1,2-Dichlorobenzene	7.046	146	144447	20.042	ng	99
15) Benzyl Alcohol	7.016	79	115331	20.726	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.140	45	242281	21.029	ng	95
17) 2-Methylphenol	7.122	107	97725	20.196	ng	96
18) Hexachloroethane	7.387	117	51648	20.675	ng	100
19) n-Nitroso-di-n-propyla...	7.281	70	96676	20.897	ng	99
20) 3+4-Methylphenols	7.275	107	118666	20.804	ng	94
22) Acetophenone	7.281	105	165374	20.242	ng	97
24) Nitrobenzene	7.457	77	143192	20.000	ng	97
25) Isophorone	7.693	82	254863	20.434	ng	97
26) 2-Nitrophenol	7.775	139	72909	20.572	ng	97
27) 2,4-Dimethylphenol	7.804	122	100827	18.981	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	157029	20.161	ng	96
29) 2,4-Dichlorophenol	8.016	162	125803	20.548	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	126402	20.106	ng	96
31) Naphthalene	8.181	128	373973	20.643	ng	99
32) Benzoic acid	7.916	122	83801	21.522	ng	97
33) 4-Chloroaniline	8.228	127	135273	20.474	ng	99
34) Hexachlorobutadiene	8.292	225	95971	20.255	ng	99
35) Caprolactam	8.587	113	35272	21.028	ng	98
36) 4-Chloro-3-methylphenol	8.704	107	115603	21.069	ng	99
37) 2-Methylnaphthalene	8.869	142	253201	20.905	ng	99
38) 1-Methylnaphthalene	8.969	142	240612	20.588	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	144980	20.100	ng	99
41) Hexachlorocyclopentadiene	9.022	237	31247	18.527	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	98855	20.136	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144172.D
 Acq On : 05 Nov 2025 14:20
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Quant Time: Nov 05 17:23:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

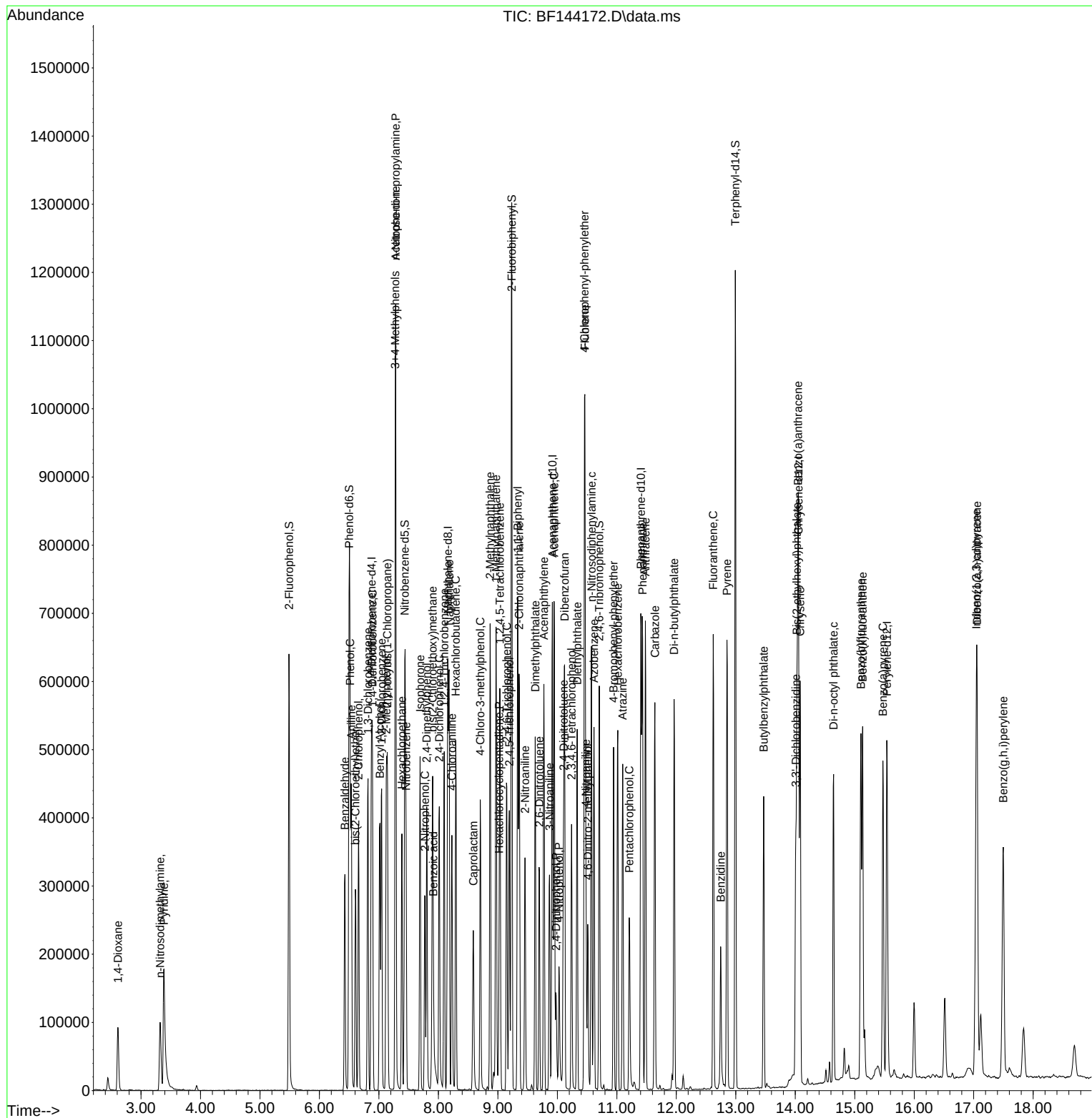
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	109277	20.653	ng	98
46) 1,1'-Biphenyl	9.334	154	313667	20.417	ng	99
47) 2-Chloronaphthalene	9.357	162	265522	20.262	ng	99
48) 2-Nitroaniline	9.457	65	76785	20.308	ng	97
49) Acenaphthylene	9.775	152	369018	20.664	ng	98
50) Dimethylphthalate	9.628	163	299125	20.516	ng	99
51) 2,6-Dinitrotoluene	9.698	165	59656	20.212	ng	96
52) Acenaphthene	9.945	154	246497	20.641	ng	99
53) 3-Nitroaniline	9.869	138	66539	20.623	ng	98
54) 2,4-Dinitrophenol	9.981	184	36453	20.453	ng	96
55) Dibenzofuran	10.122	168	348955	20.864	ng	98
56) 4-Nitrophenol	10.028	139	44352	19.003	ng	99
57) 2,4-Dinitrotoluene	10.104	165	81812	20.706	ng	98
58) Fluorene	10.463	166	263546	20.725	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	73978	19.762	ng	97
60) Diethylphthalate	10.334	149	276008	20.535	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	149181	20.595	ng	99
62) 4-Nitroaniline	10.481	138	64484	20.987	ng	97
63) Azobenzene	10.616	77	252025	20.147	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	53585	20.307	ng	99
66) n-Nitrosodiphenylamine	10.575	169	246642	19.743	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	98958	19.959	ng	98
68) Hexachlorobenzene	11.016	284	118426	20.279	ng	94
69) Atrazine	11.098	200	83639	21.052	ng	98
70) Pentachlorophenol	11.210	266	55766	19.177	ng	99
71) Phenanthrene	11.433	178	382805	19.794	ng	99
72) Anthracene	11.481	178	399043	20.292	ng	98
73) Carbazole	11.639	167	342636	20.490	ng	99
74) Di-n-butylphthalate	11.963	149	418262	20.691	ng	100
75) Fluoranthene	12.622	202	408870	20.466	ng	99
77) Benzidine	12.745	184	130033	17.535	ng	100
78) Pyrene	12.851	202	408920	20.229	ng	99
80) Butylbenzylphthalate	13.469	149	137856	19.677	ng	99
81) Benzo(a)anthracene	14.045	228	333458	19.191	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	115478	19.389	ng	96
83) Chrysene	14.080	228	320726	19.995	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	189305	19.738	ng	100
85) Di-n-octyl phthalate	14.645	149	318841	19.268	ng	99
87) Indeno(1,2,3-cd)pyrene	17.045	276	430691	20.155	ng	99
88) Benzo(b)fluoranthene	15.104	252	331673	19.598	ng	100
89) Benzo(k)fluoranthene	15.133	252	322479	20.358	ng	98
90) Benzo(a)pyrene	15.474	252	314894	20.169	ng	97
91) Dibenzo(a,h)anthracene	17.057	278	349788	20.383	ng	99
92) Benzo(g,h,i)perylene	17.498	276	343144	20.248	ng	99

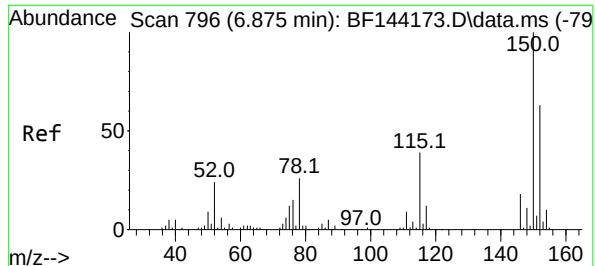
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144172.D
 Acq On : 05 Nov 2025 14:20
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Quant Time: Nov 05 17:23:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

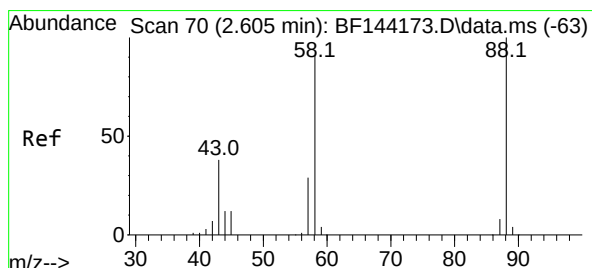
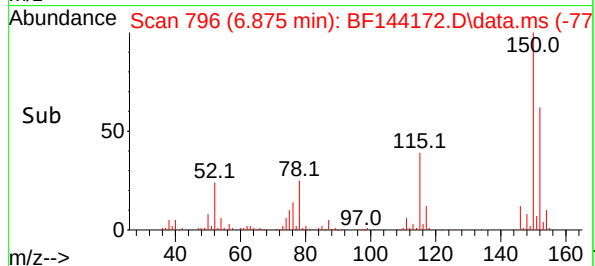
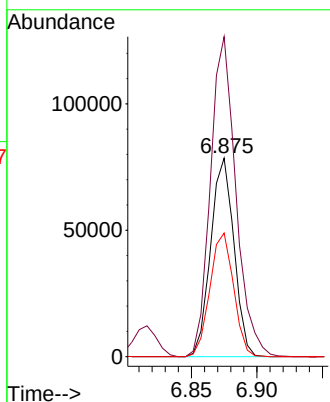
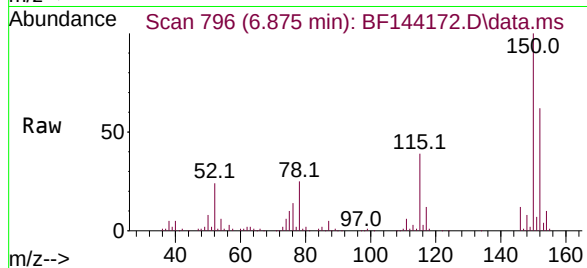




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

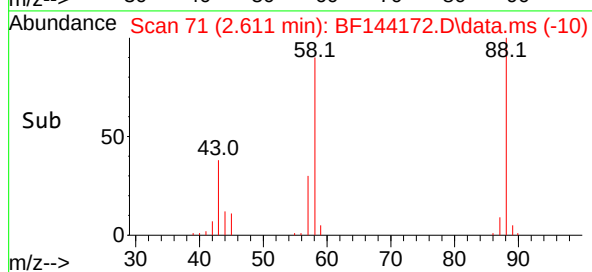
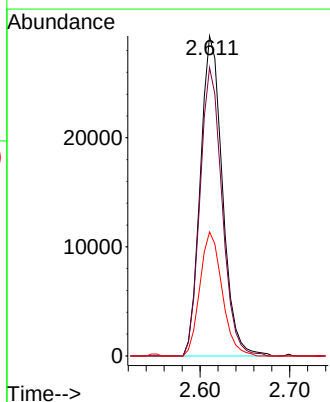
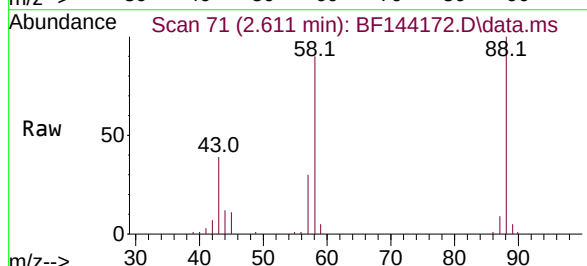
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

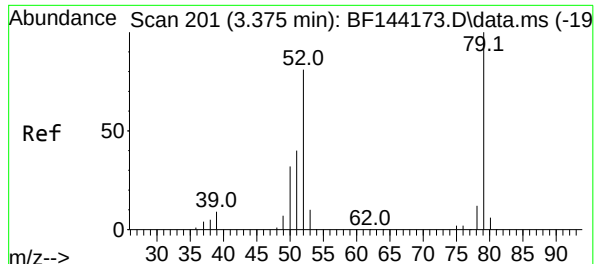
Tgt Ion:152 Resp: 97055
Ion Ratio Lower Upper
152 100
150 161.2 127.4 191.0
115 62.2 49.5 74.3



#2
1,4-Dioxane
Concen: 19.624 ng
RT: 2.611 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion: 88 Resp: 50319
Ion Ratio Lower Upper
88 100
58 89.7 73.1 109.7
43 38.8 31.0 46.6

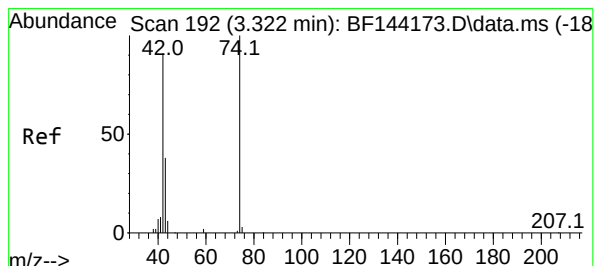
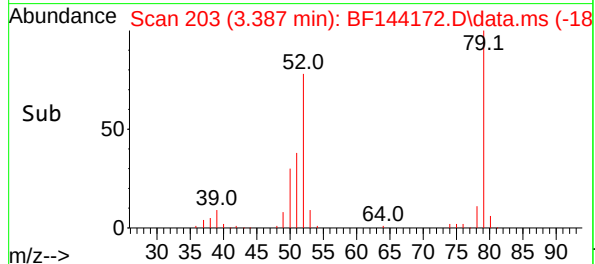
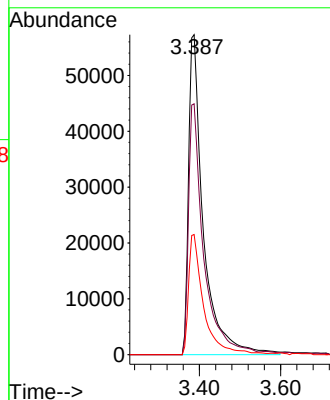
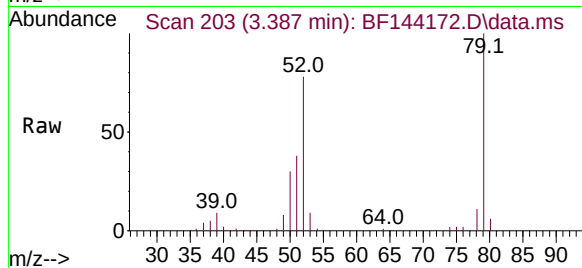




#3
Pyridine
Concen: 20.230 ng
RT: 3.387 min Scan# 201
Delta R.T. 0.012 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

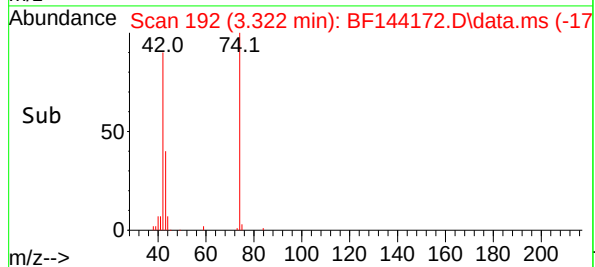
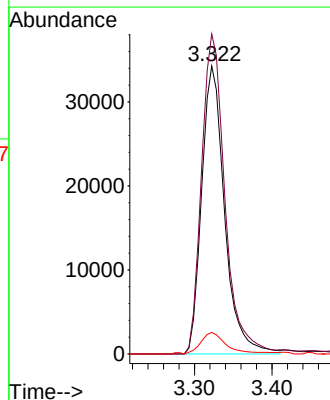
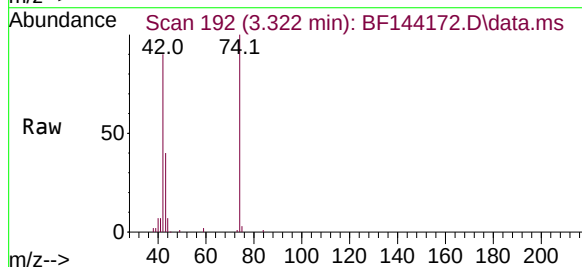
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

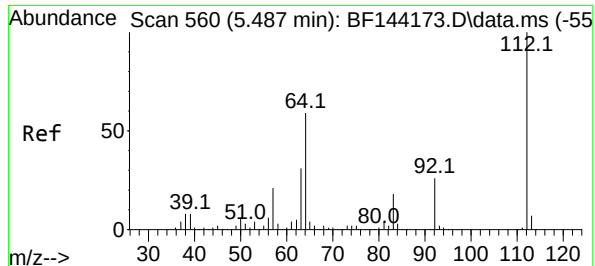
Tgt Ion: 79 Resp: 144716
Ion Ratio Lower Upper
79 100
52 78.4 64.5 96.7
51 37.5 31.7 47.5



#4
n-Nitrosodimethylamine
Concen: 18.860 ng
RT: 3.322 min Scan# 192
Delta R.T. -0.023 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion: 42 Resp: 70474
Ion Ratio Lower Upper
42 100
74 111.1 88.2 132.4
44 7.4 5.7 8.5



#5
2-Fluorophenol

Concen: 41.191 ng

RT: 5.487 min Scan# 50

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

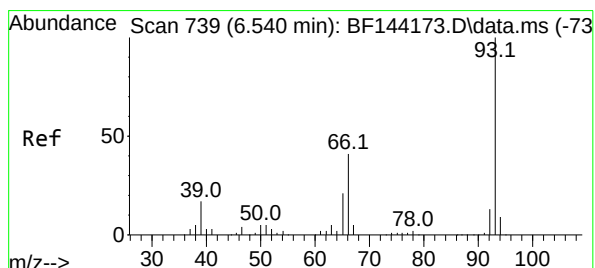
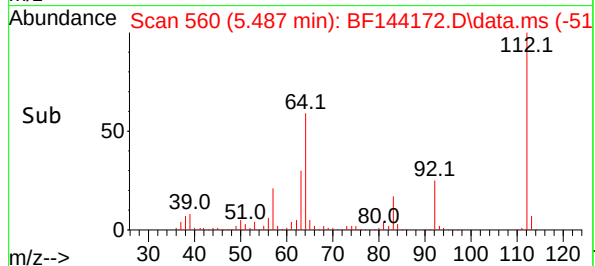
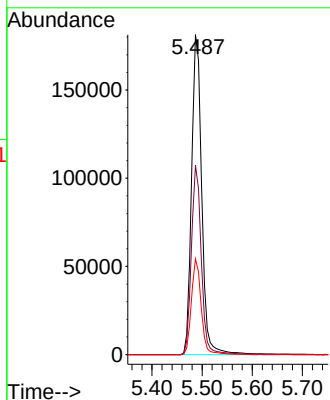
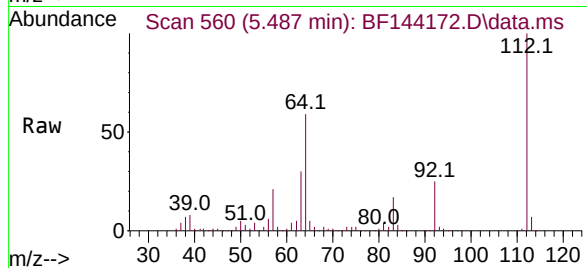
Tgt Ion:112 Resp: 255468

Ion Ratio Lower Upper

112 100

64 59.2 47.2 70.8

63 29.9 24.4 36.6



#6

Aniline

Concen: 20.492 ng

RT: 6.534 min Scan# 738

Delta R.T. -0.012 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

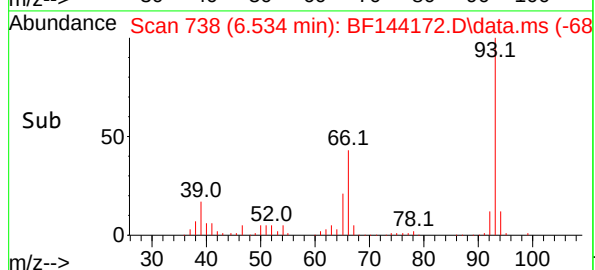
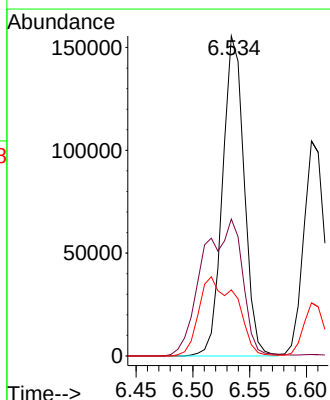
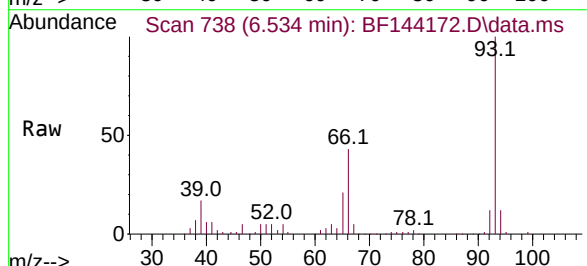
Tgt Ion: 93 Resp: 205178

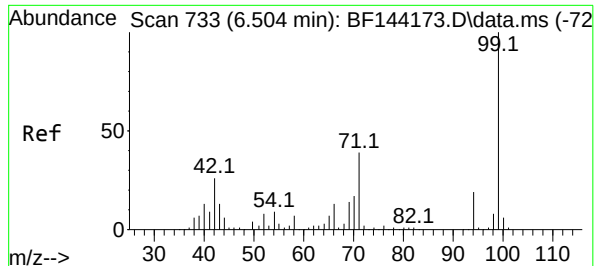
Ion Ratio Lower Upper

93 100

66 42.8 34.3 51.5

65 20.6 16.9 25.3





#7

Phenol-d6

Concen: 41.742 ng

RT: 6.498 min Scan# 733

Delta R.T. -0.012 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

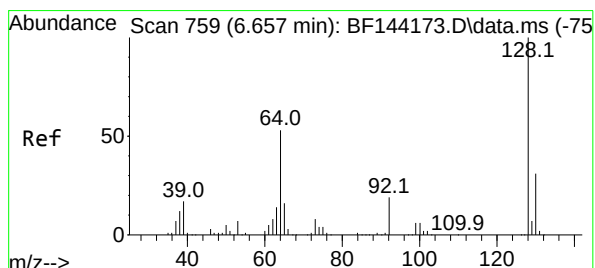
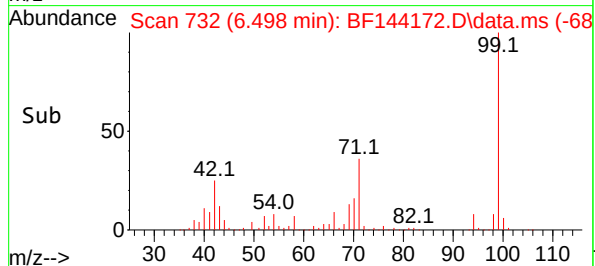
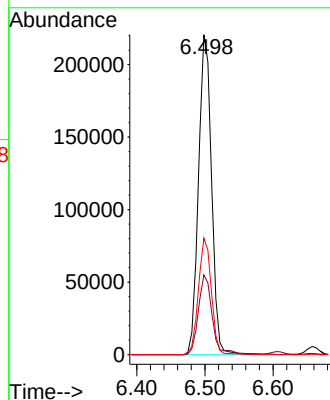
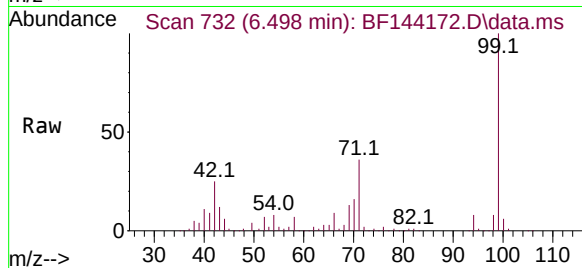
Tgt Ion: 99 Resp: 293338

Ion Ratio Lower Upper

99 100

42 24.9 20.9 31.3

71 36.4 31.4 47.2



#8

2-Chlorophenol

Concen: 20.624 ng

RT: 6.657 min Scan# 759

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

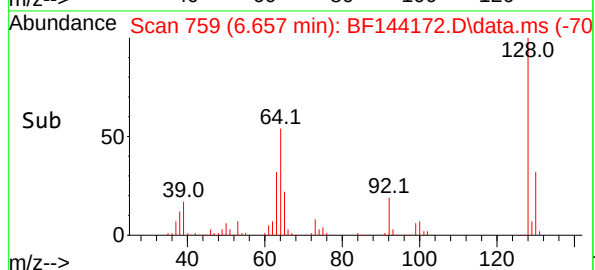
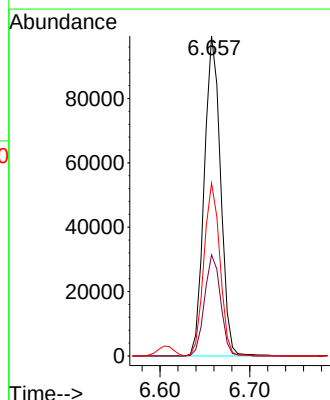
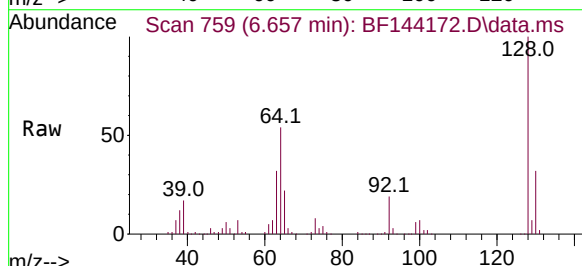
Tgt Ion: 128 Resp: 125443

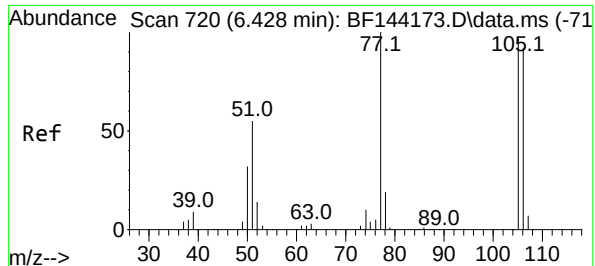
Ion Ratio Lower Upper

128 100

130 31.6 10.5 50.5

64 54.0 33.2 73.2





#9

Benzaldehyde

Concen: 22.422 ng

RT: 6.428 min Scan# 720

Delta R.T. 0.000 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

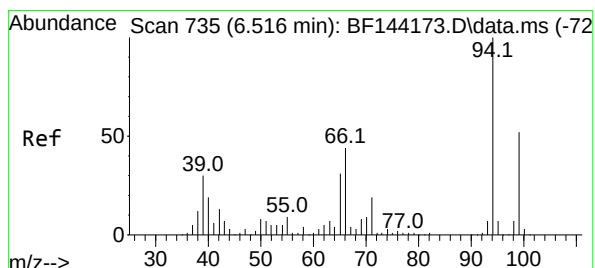
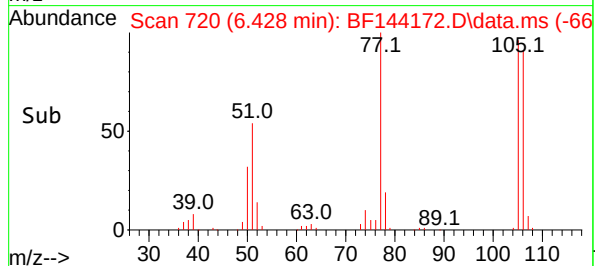
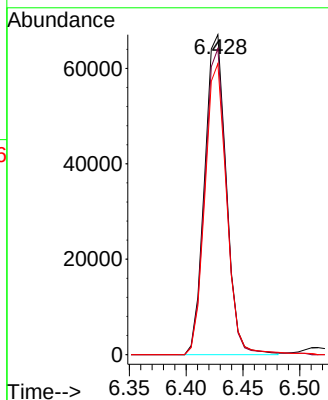
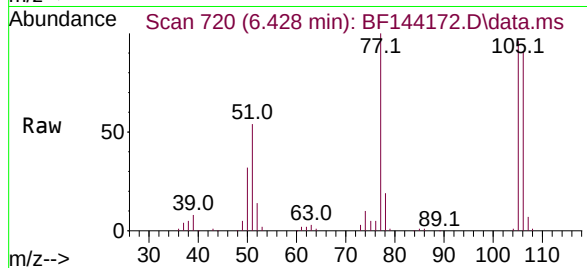
Tgt Ion: 77 Resp: 88978

Ion Ratio Lower Upper

77 100

105 95.6 77.2 117.2

106 90.9 72.2 112.2



#10

Phenol

Concen: 20.797 ng

RT: 6.516 min Scan# 735

Delta R.T. -0.012 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

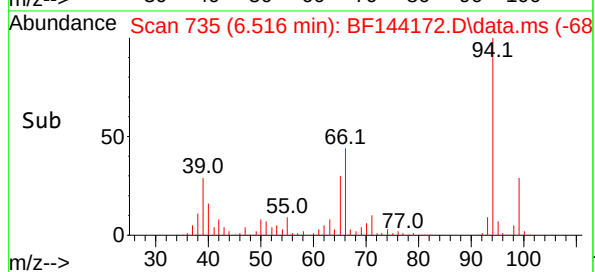
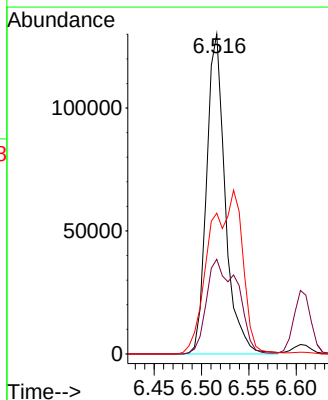
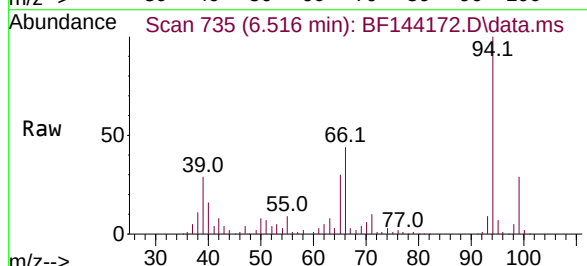
Tgt Ion: 94 Resp: 178562

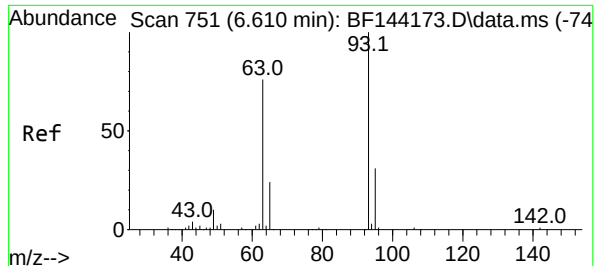
Ion Ratio Lower Upper

94 100

65 29.6 10.8 50.8

66 44.0 24.3 64.3

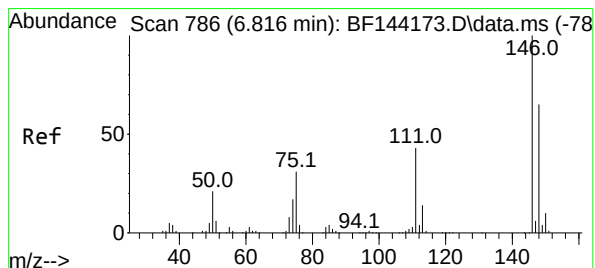
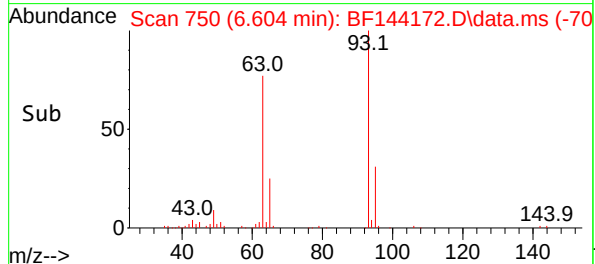
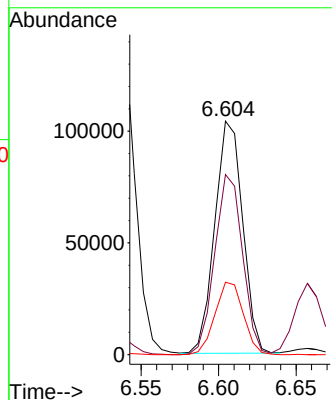
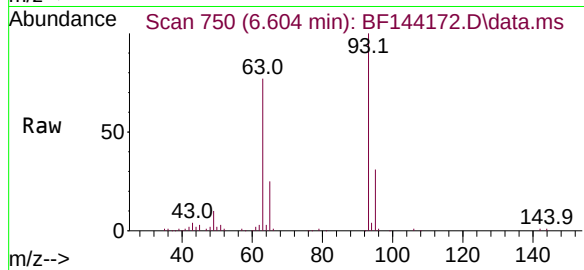




#11
bis(2-Chloroethyl)ether
Concen: 20.814 ng
RT: 6.604 min Scan# 751
Delta R.T. -0.012 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

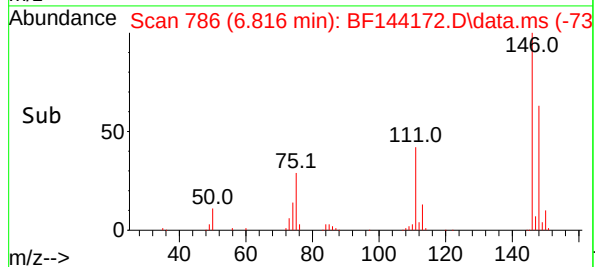
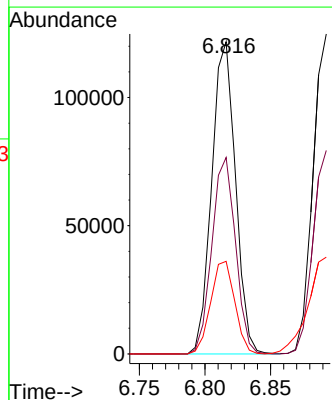
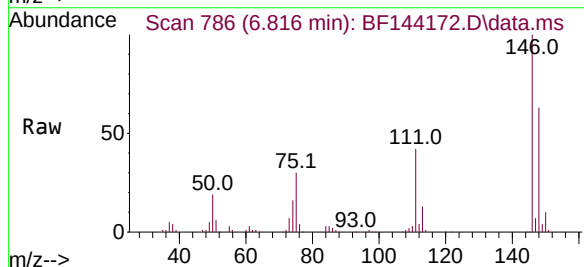
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

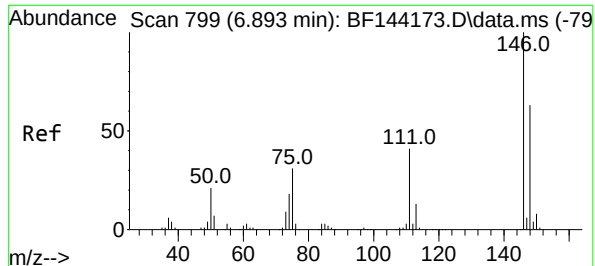
Tgt Ion: 93 Resp: 130219
Ion Ratio Lower Upper
93 100
63 77.1 55.2 95.2
95 31.0 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 20.476 ng
RT: 6.816 min Scan# 786
Delta R.T. 0.000 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:146 Resp: 153679
Ion Ratio Lower Upper
146 100
148 62.9 51.8 77.8
75 29.7 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 20.435 ng

RT: 6.893 min Scan# 799

Delta R.T. 0.000 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

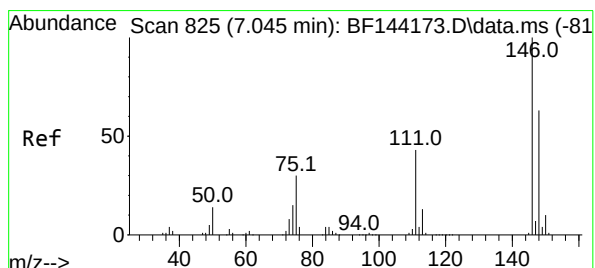
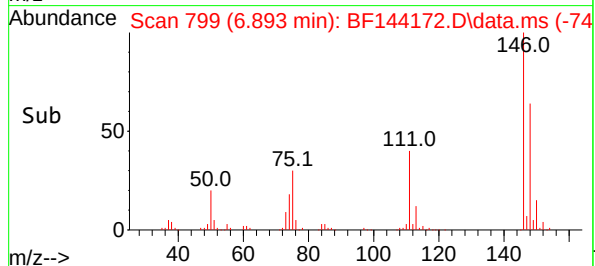
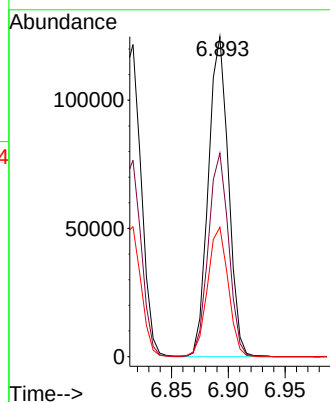
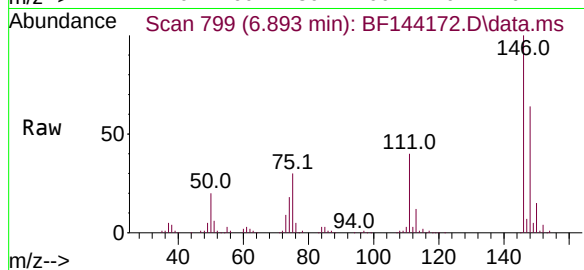
Tgt Ion:146 Resp: 153656

Ion Ratio Lower Upper

146 100

148 63.6 50.2 75.2

111 40.4 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 20.042 ng

RT: 7.046 min Scan# 825

Delta R.T. 0.000 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

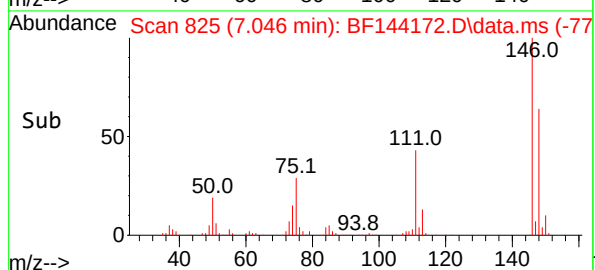
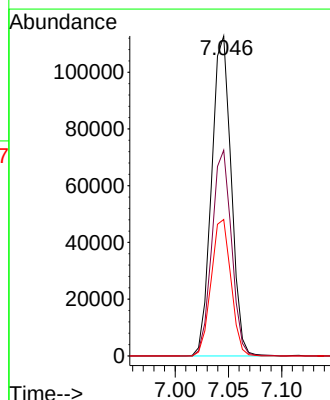
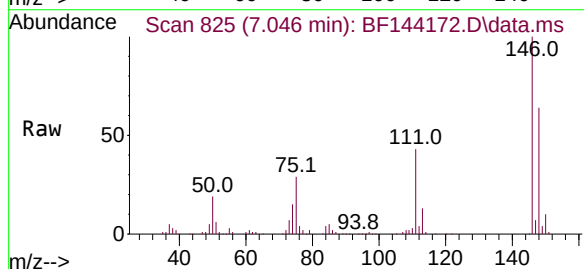
Tgt Ion:146 Resp: 144447

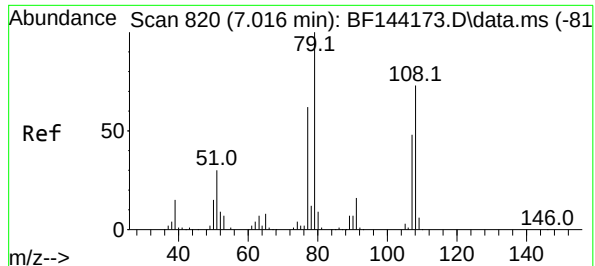
Ion Ratio Lower Upper

146 100

148 64.3 50.7 76.1

111 42.6 34.2 51.4

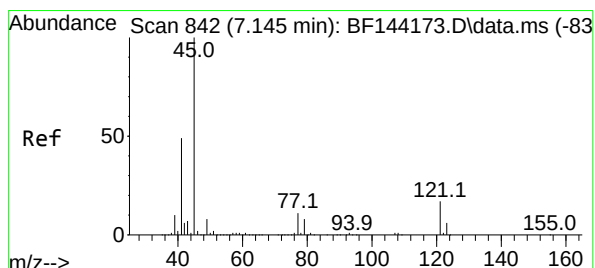
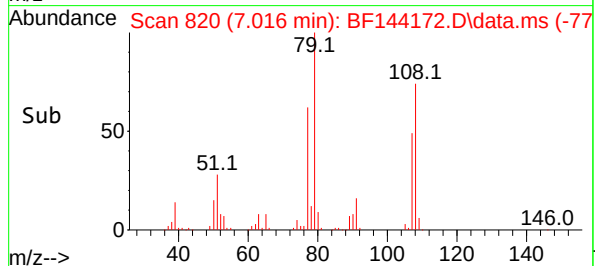
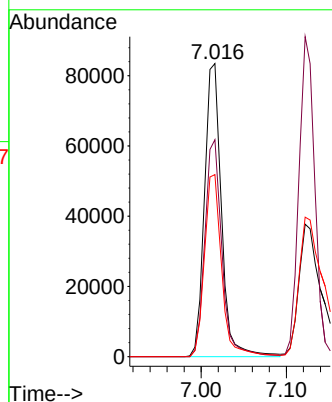
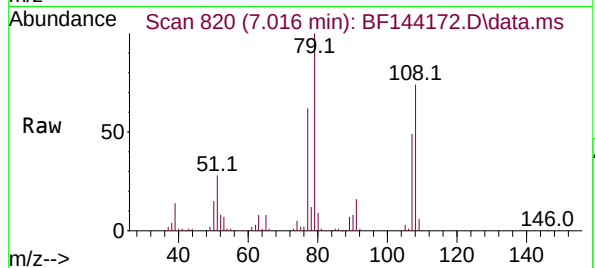




#15
Benzyl Alcohol
Concen: 20.726 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

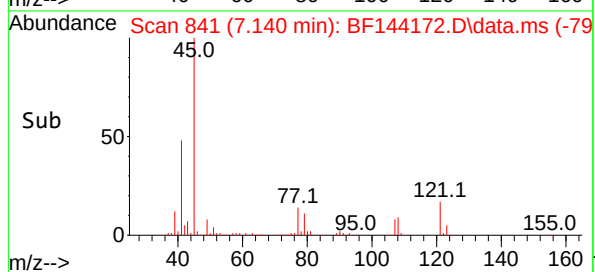
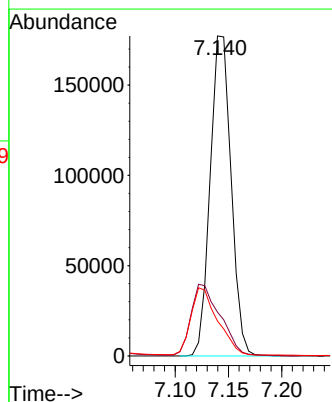
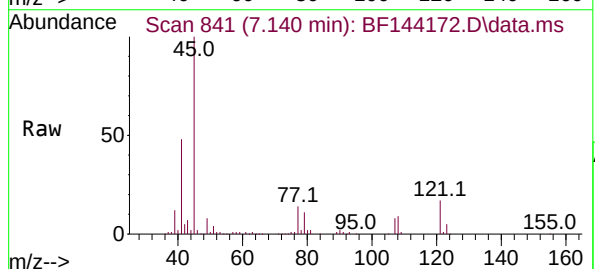
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

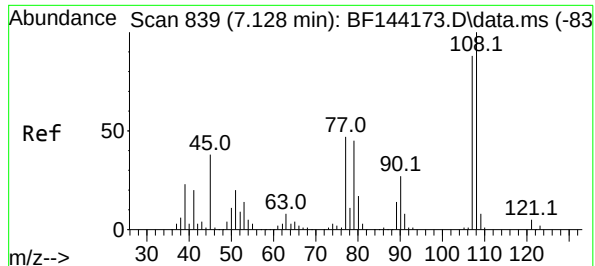
Tgt Ion: 79 Resp: 115331
Ion Ratio Lower Upper
79 100
108 74.0 58.2 87.4
77 62.1 49.9 74.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 21.029 ng
RT: 7.140 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion: 45 Resp: 242281
Ion Ratio Lower Upper
45 100
77 13.7 0.0 31.8
79 10.9 0.0 29.1



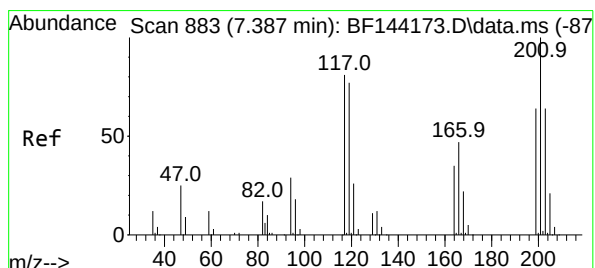
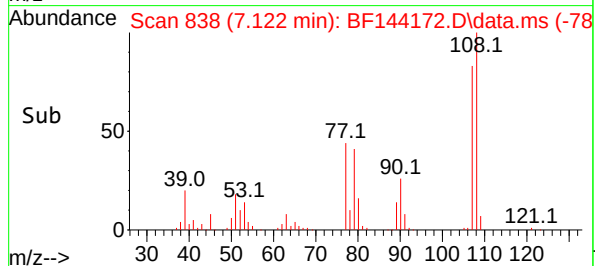
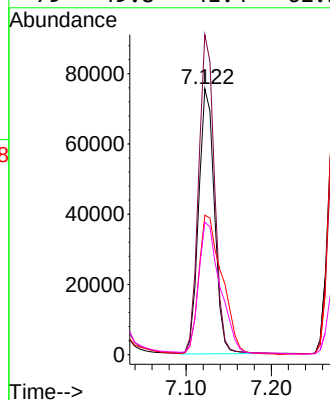
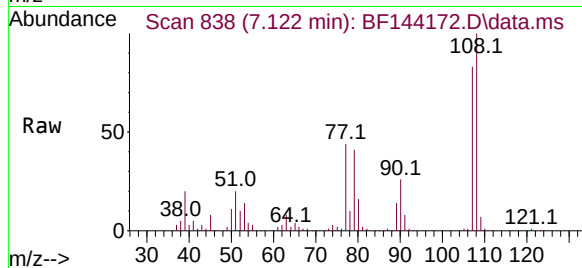


#17
2-Methylphenol
Concen: 20.196 ng
RT: 7.122 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:107 Resp: 97725

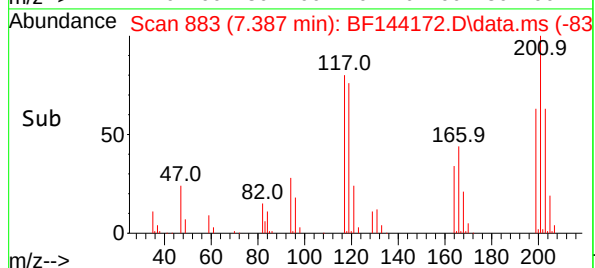
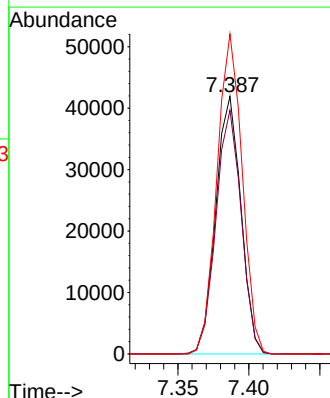
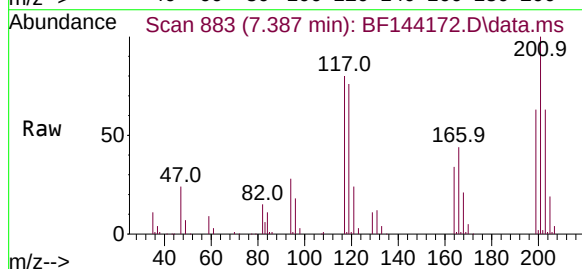
Ion	Ratio	Lower	Upper
107	100		
108	120.4	91.0	136.4
77	52.4	42.7	64.1
79	49.8	41.4	62.2

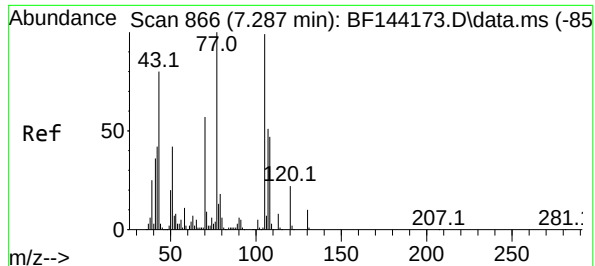


#18
Hexachloroethane
Concen: 20.675 ng
RT: 7.387 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:117 Resp: 51648

Ion	Ratio	Lower	Upper
117	100		
119	94.7	75.8	113.8
201	124.3	98.9	148.3





#19

n-Nitroso-di-n-propylamine

Concen: 20.897 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.017 min

Lab File: BF144172.D

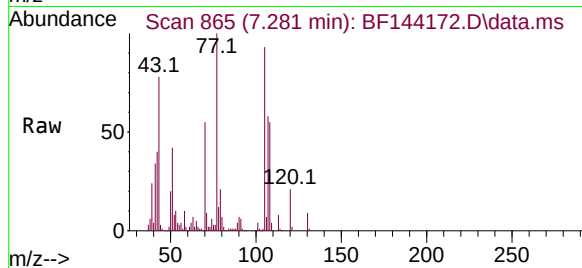
Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion: 70 Resp: 96676

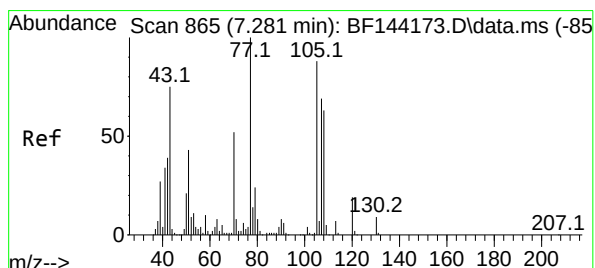
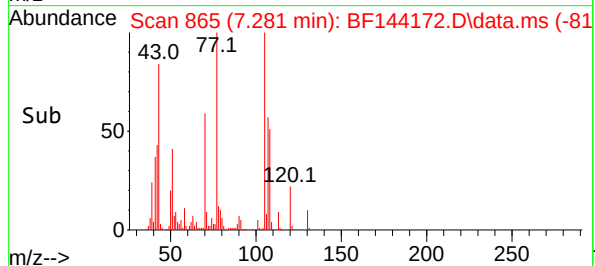
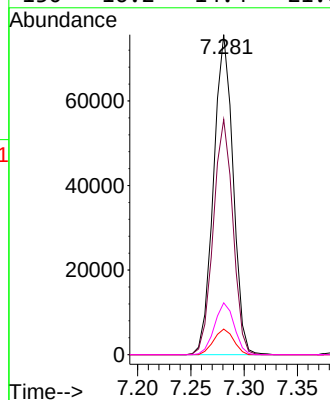
Ion Ratio Lower Upper

70 100

42 73.5 58.3 87.5

101 8.0 7.0 10.6

130 16.2 14.4 21.6



#20

3+4-Methylphenols

Concen: 20.804 ng

RT: 7.275 min Scan# 864

Delta R.T. -0.012 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Tgt Ion: 107 Resp: 118666

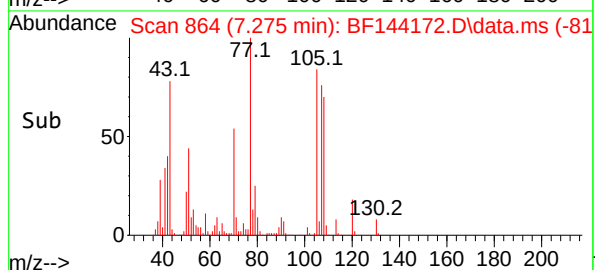
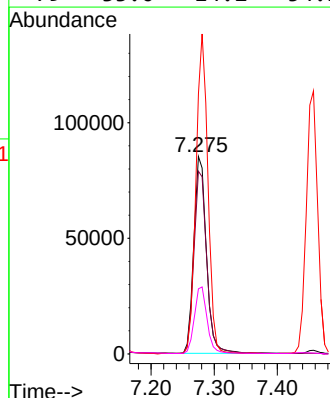
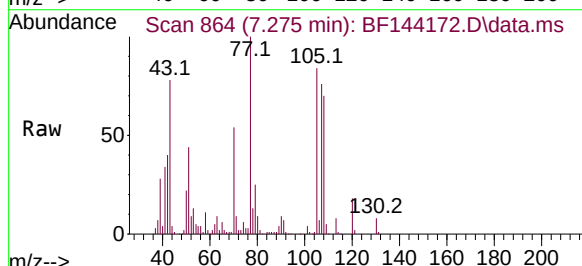
Ion Ratio Lower Upper

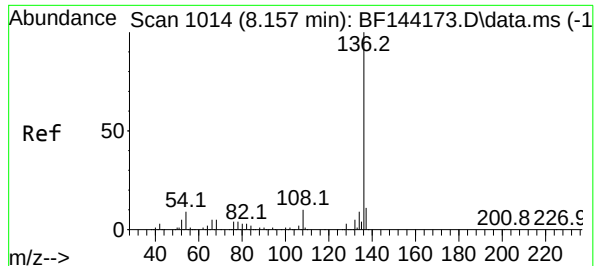
107 100

108 92.5 70.2 110.2

77 131.8 123.9 163.9

79 33.0 14.2 54.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:136 Resp: 380834

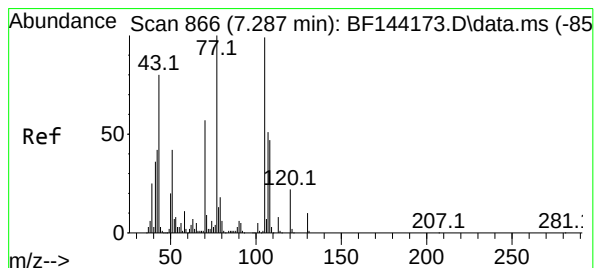
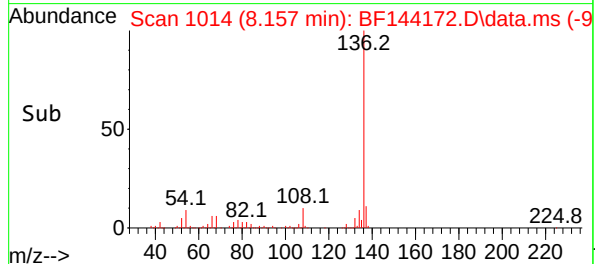
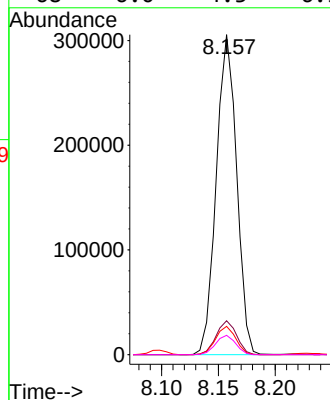
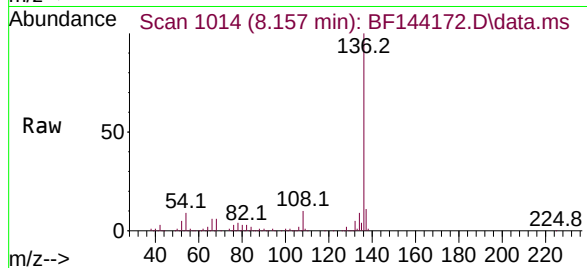
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 8.8 7.0 10.6

68 6.0 4.3 6.5



#22

Acetophenone

Concen: 20.242 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.012 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Tgt Ion:105 Resp: 165374

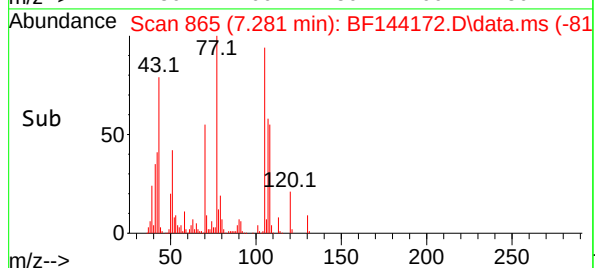
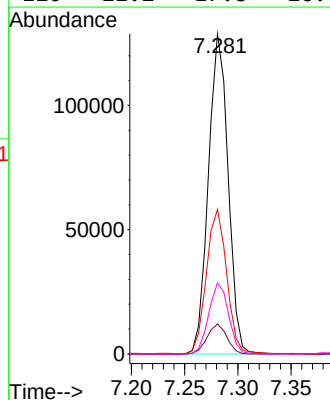
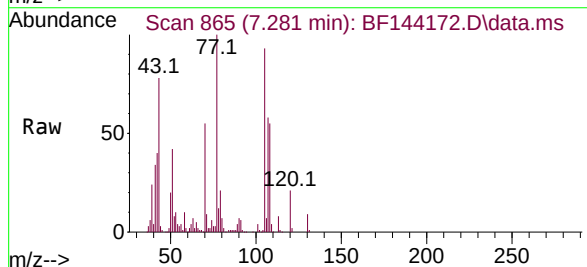
Ion Ratio Lower Upper

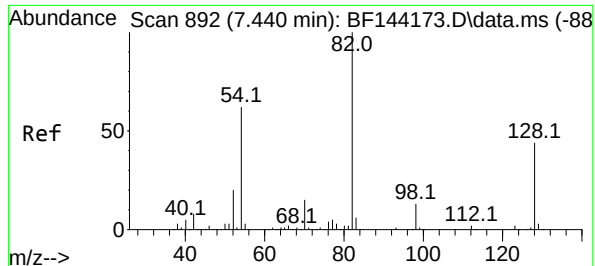
105 100

71 9.3 7.2 10.8

51 45.2 34.0 51.0

120 22.2 17.8 26.6

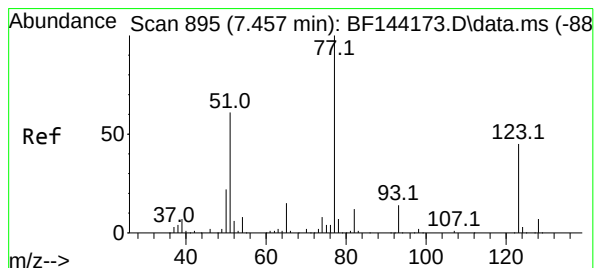
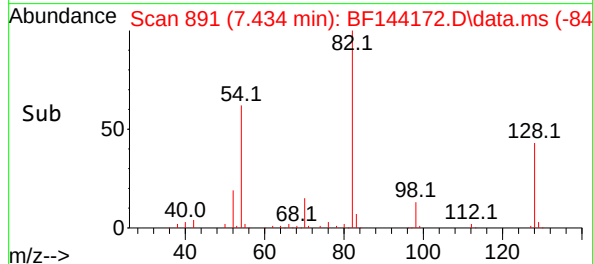
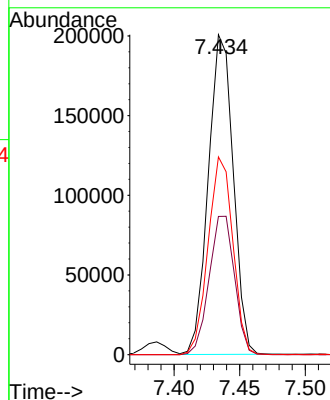
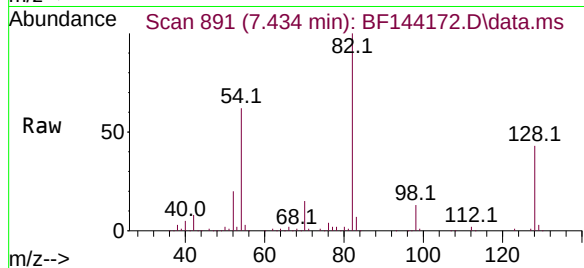




#23
Nitrobenzene-d5
Concen: 40.287 ng
RT: 7.434 min Scan# 891
Delta R.T. -0.012 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

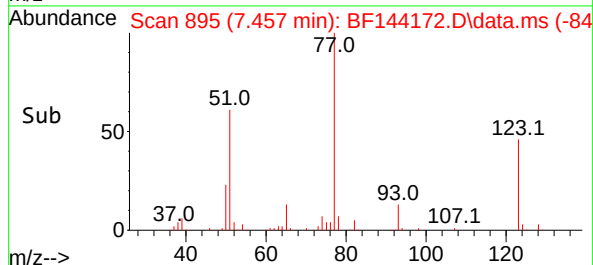
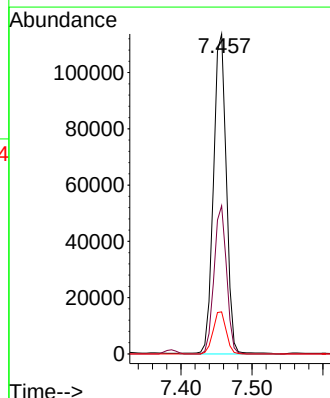
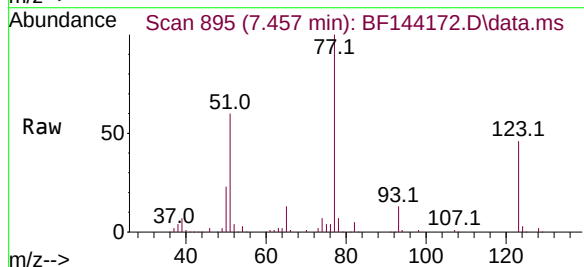
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

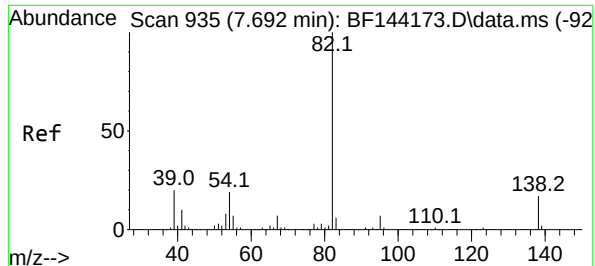
Tgt Ion: 82 Resp: 265652
Ion Ratio Lower Upper
82 100
128 43.2 34.7 52.1
54 61.8 49.5 74.3



#24
Nitrobenzene
Concen: 20.000 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion: 77 Resp: 143192
Ion Ratio Lower Upper
77 100
123 46.3 35.8 53.8
65 13.2 12.2 18.2





#25

Isophorone

Concen: 20.434 ng

RT: 7.693 min Scan# 935

Delta R.T. -0.012 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

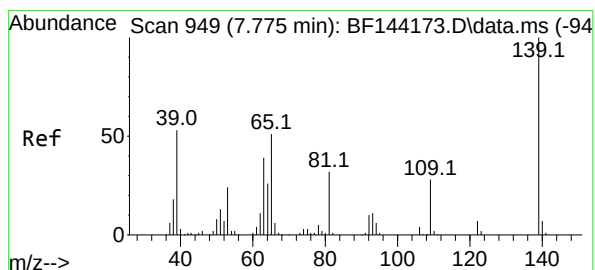
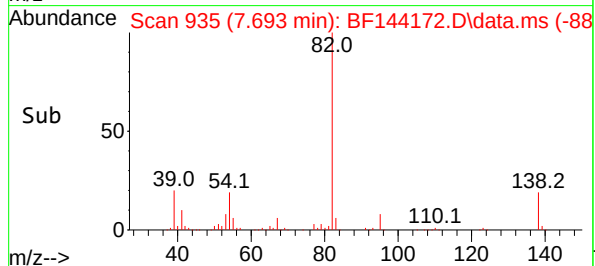
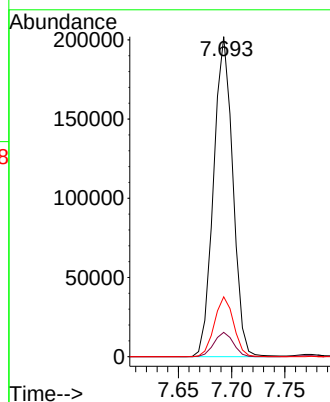
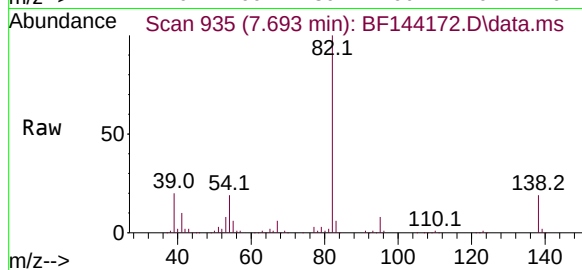
Tgt Ion: 82 Resp: 254863

Ion Ratio Lower Upper

82 100

95 7.6 5.5 8.3

138 18.7 13.7 20.5



#26

2-Nitrophenol

Concen: 20.572 ng

RT: 7.775 min Scan# 949

Delta R.T. 0.000 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

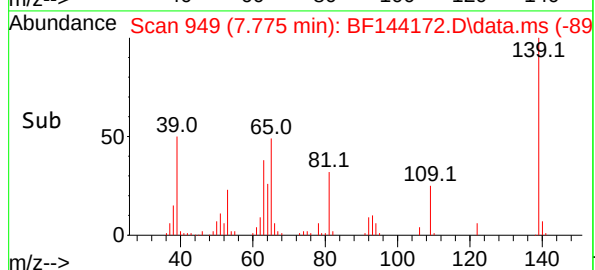
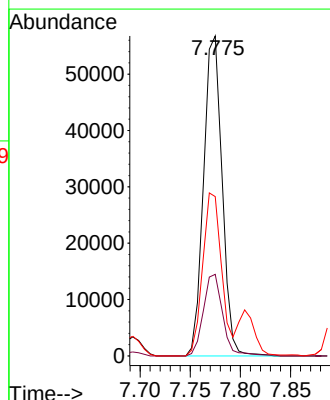
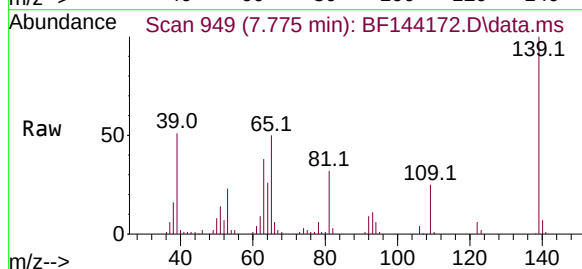
Tgt Ion:139 Resp: 72909

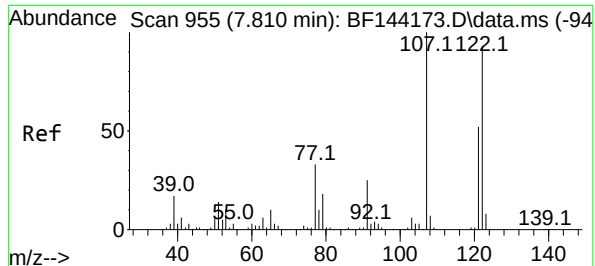
Ion Ratio Lower Upper

139 100

109 25.5 22.2 33.2

65 49.8 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 18.981 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

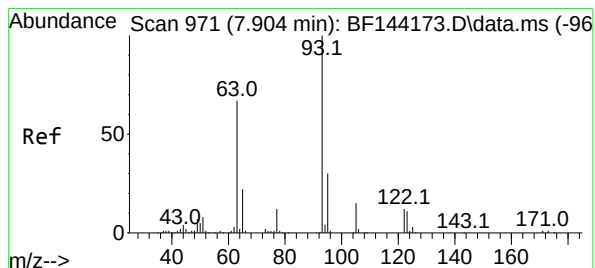
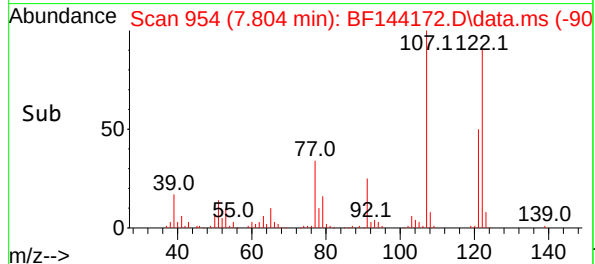
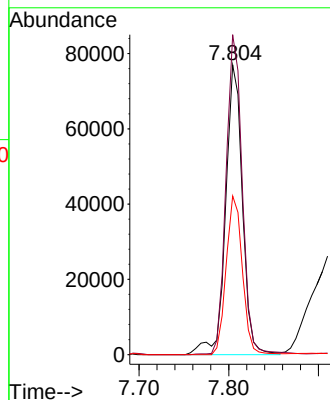
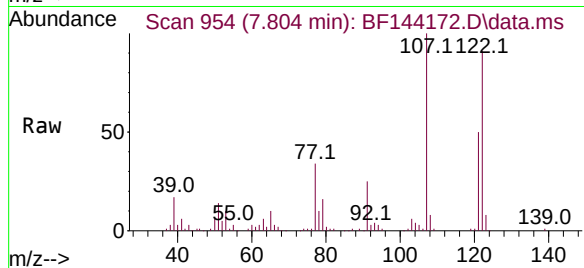
Tgt Ion:122 Resp: 100827

Ion Ratio Lower Upper

122 100

107 110.4 86.2 129.4

121 54.8 44.6 66.8



#28

bis(2-Chloroethoxy)methane

Concen: 20.161 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

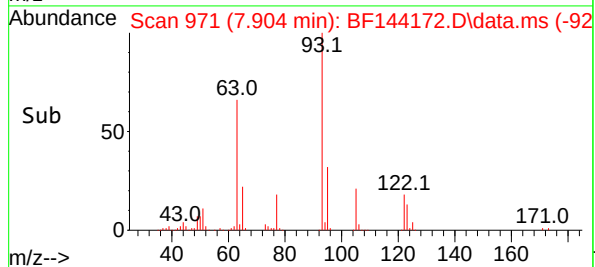
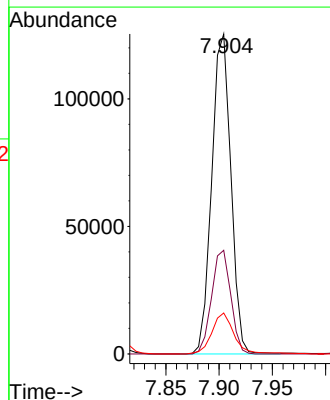
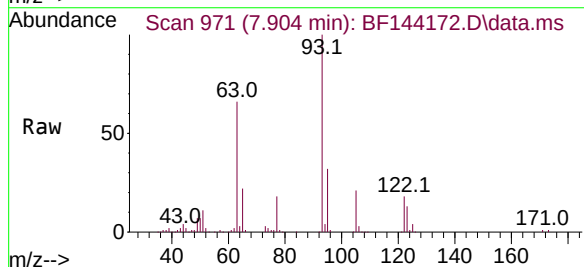
Tgt Ion: 93 Resp: 157029

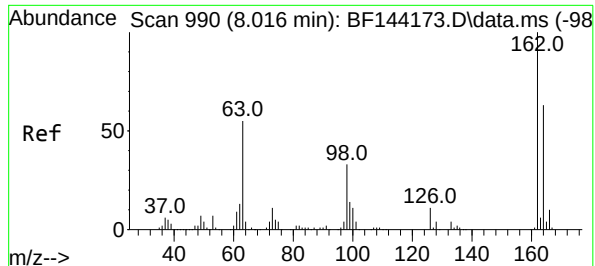
Ion Ratio Lower Upper

93 100

95 32.4 24.2 36.4

123 12.8 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 20.548 ng

RT: 8.016 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

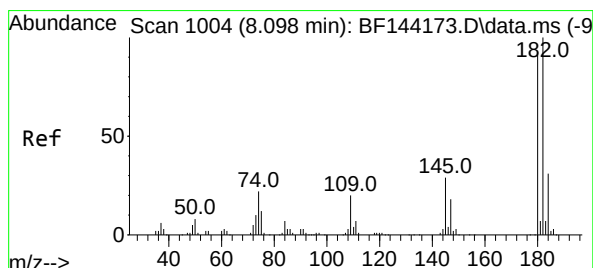
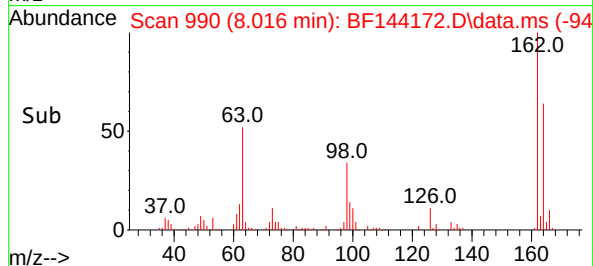
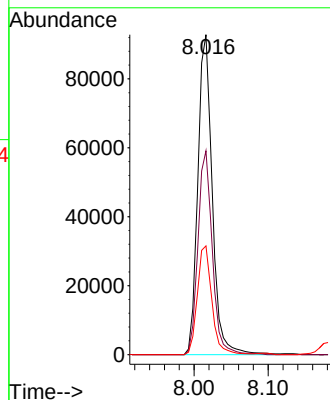
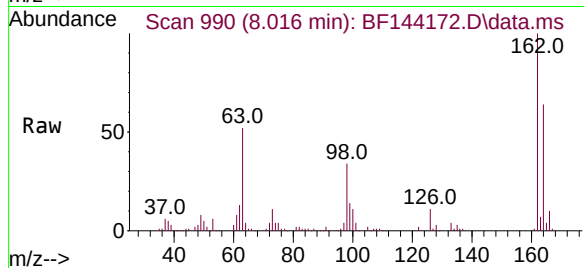
Tgt Ion:162 Resp: 125803

Ion Ratio Lower Upper

162 100

164 63.7 42.9 82.9

98 34.0 13.3 53.3



#30

1,2,4-Trichlorobenzene

Concen: 20.106 ng

RT: 8.098 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

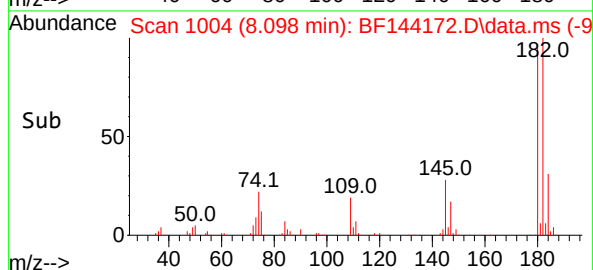
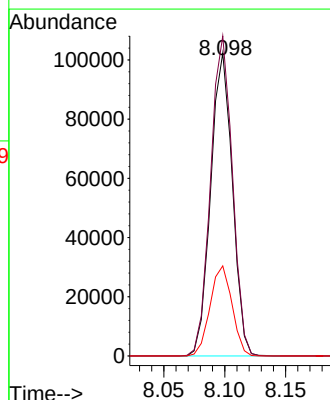
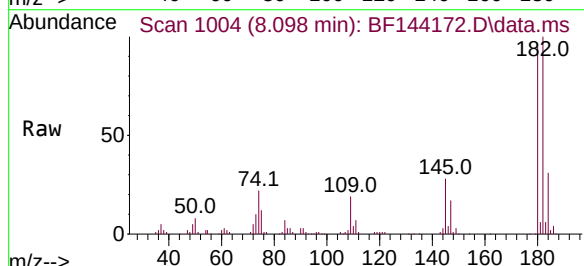
Tgt Ion:180 Resp: 126402

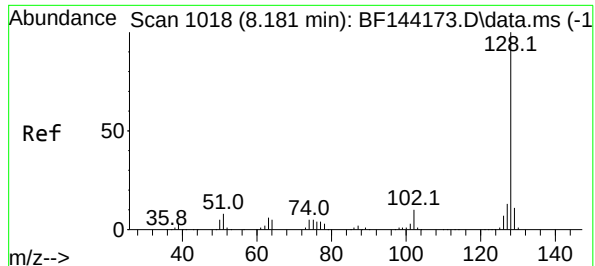
Ion Ratio Lower Upper

180 100

182 105.7 87.7 131.5

145 29.7 25.4 38.0

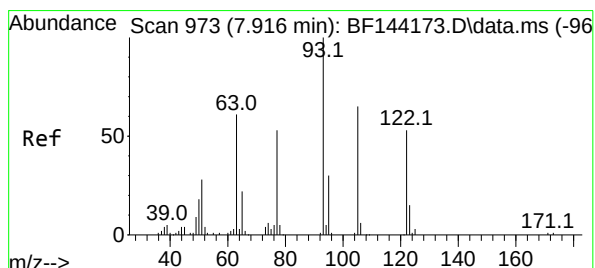
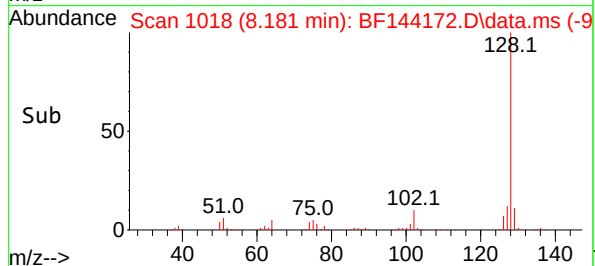
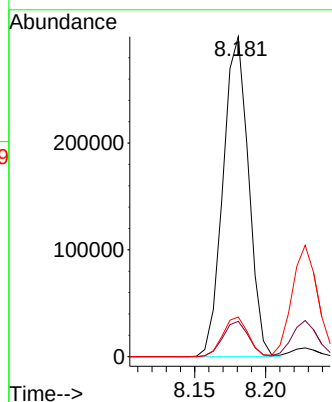
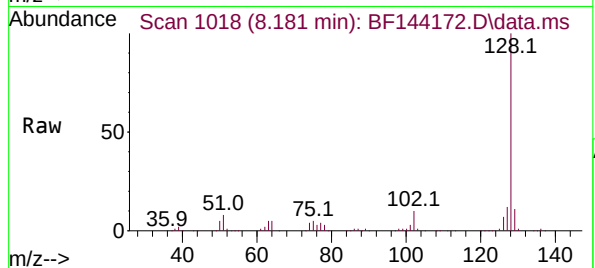




#31
Naphthalene
Concen: 20.643 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

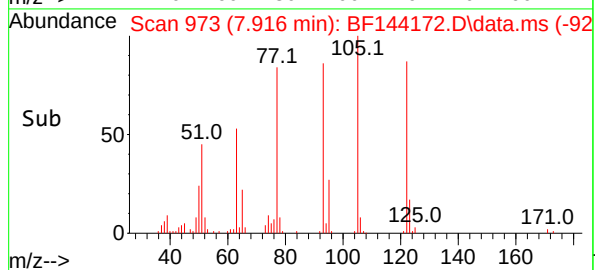
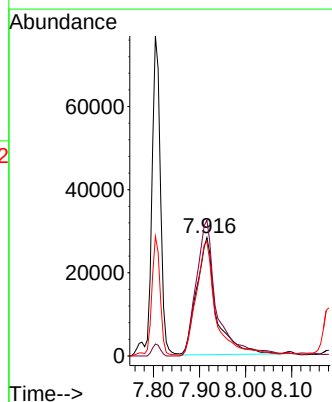
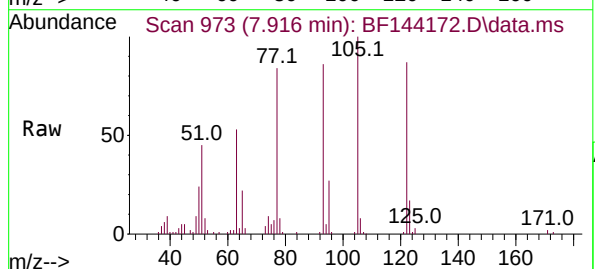
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

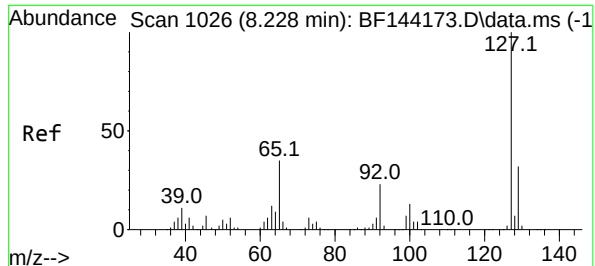
Tgt Ion:128 Resp: 373973
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 12.4 10.3 15.5



#32
Benzoic acid
Concen: 21.522 ng
RT: 7.916 min Scan# 973
Delta R.T. -0.035 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:122 Resp: 83801
Ion Ratio Lower Upper
122 100
105 114.8 99.9 139.9
77 96.8 77.5 117.5

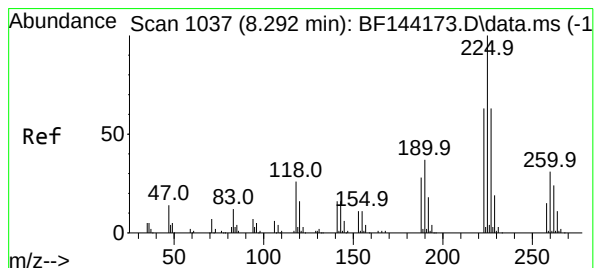
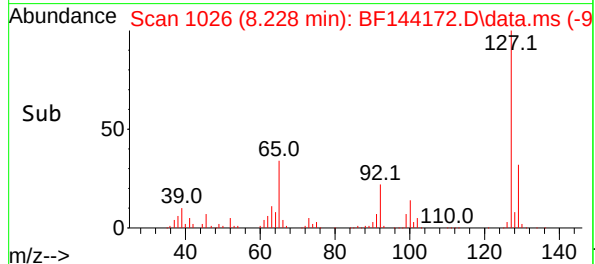
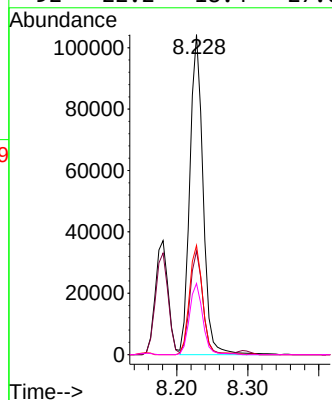
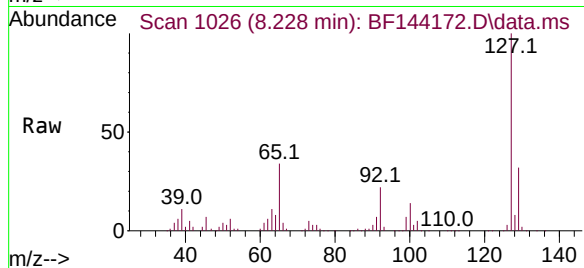




#33
4-Chloroaniline
Concen: 20.474 ng
RT: 8.228 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

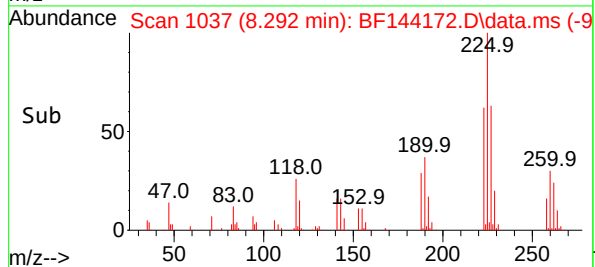
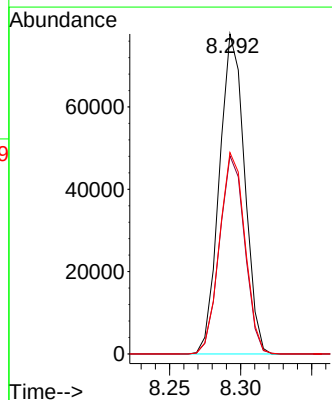
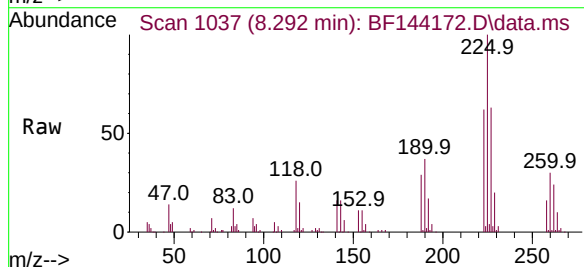
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

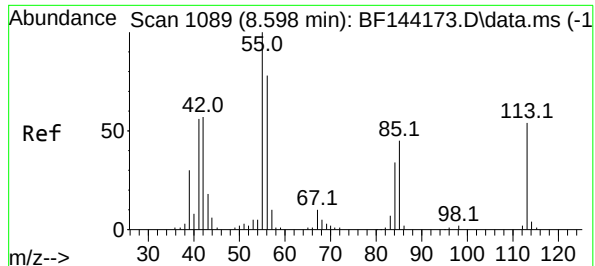
Tgt Ion:127	Resp: 135273
Ion Ratio	Lower Upper
127 100	
129 32.4	25.3 37.9
65 34.1	27.6 41.4
92 22.2	18.4 27.6



#34
Hexachlorobutadiene
Concen: 20.255 ng
RT: 8.292 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:225	Resp: 95971
Ion Ratio	Lower Upper
225 100	
223 61.9	50.2 75.4
227 62.9	50.1 75.1

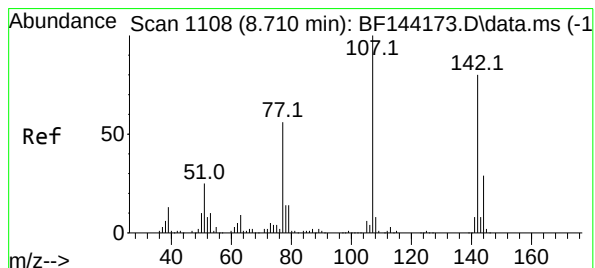
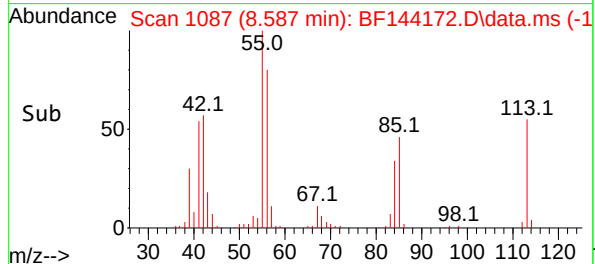
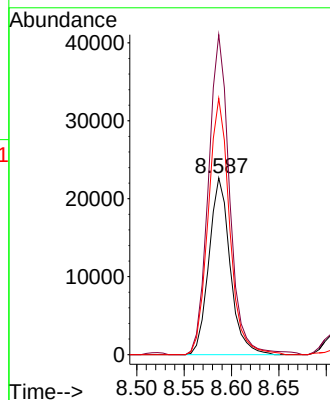
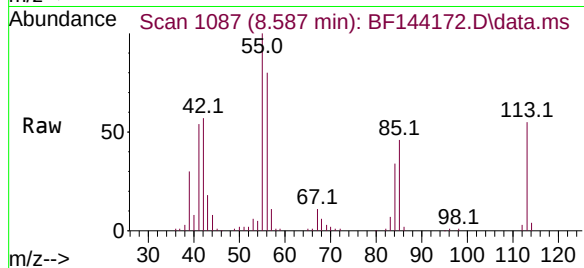




#35
Caprolactam
Concen: 21.028 ng
RT: 8.587 min Scan# 1087
Delta R.T. -0.035 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

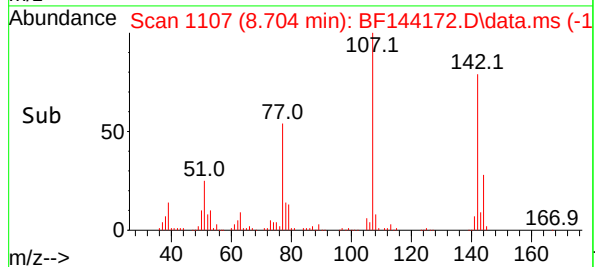
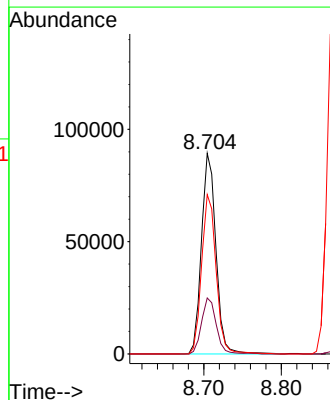
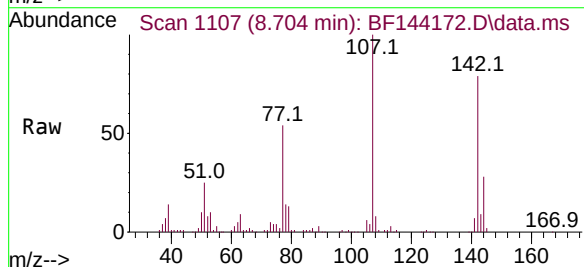
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

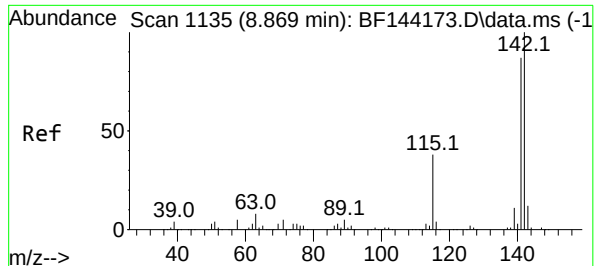
Tgt Ion:113 Resp: 35272
Ion Ratio Lower Upper
113 100
55 181.1 166.8 206.8
56 145.1 125.9 165.9



#36
4-Chloro-3-methylphenol
Concen: 21.069 ng
RT: 8.704 min Scan# 1107
Delta R.T. -0.012 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:107 Resp: 115603
Ion Ratio Lower Upper
107 100
144 27.9 23.3 34.9
142 79.4 63.8 95.6





#37

2-Methylnaphthalene

Concen: 20.905 ng

RT: 8.869 min Scan# 1135

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

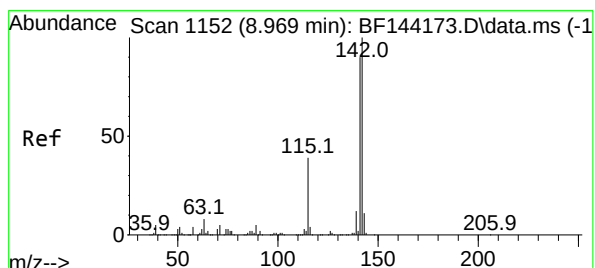
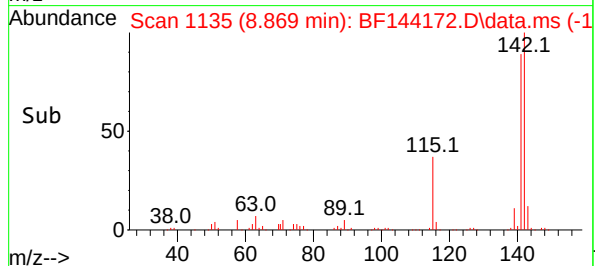
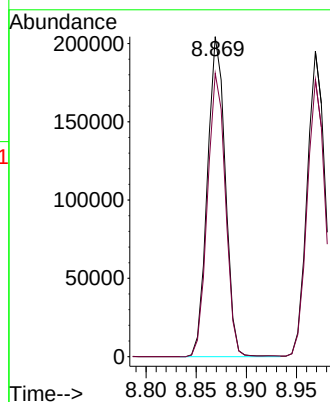
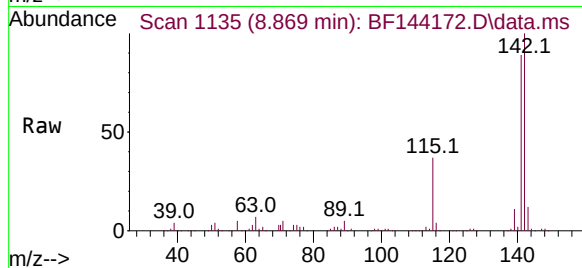
SSTDICC020

Tgt Ion:142 Resp: 253201

Ion Ratio Lower Upper

142 100

141 88.5 69.9 104.9



#38

1-Methylnaphthalene

Concen: 20.588 ng

RT: 8.969 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF144172.D

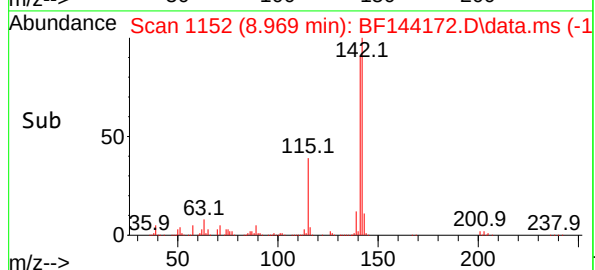
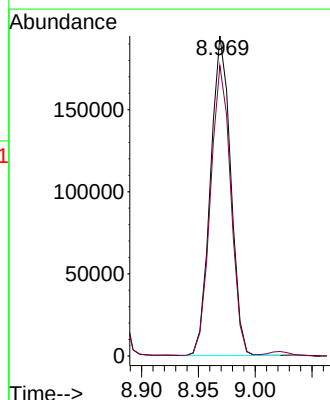
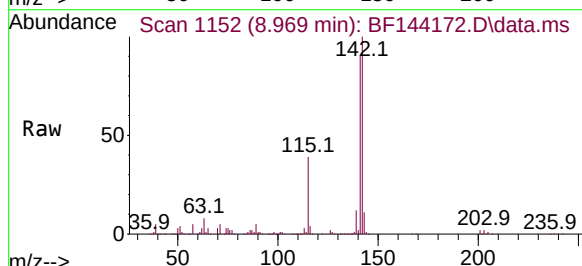
Acq: 05 Nov 2025 14:20

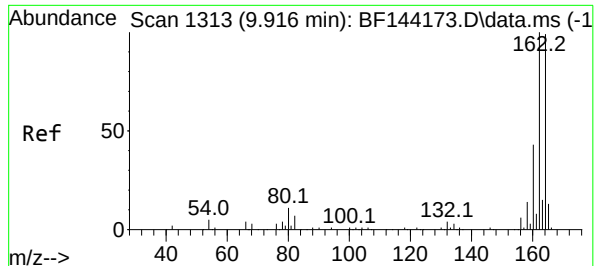
Tgt Ion:142 Resp: 240612

Ion Ratio Lower Upper

142 100

141 90.7 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

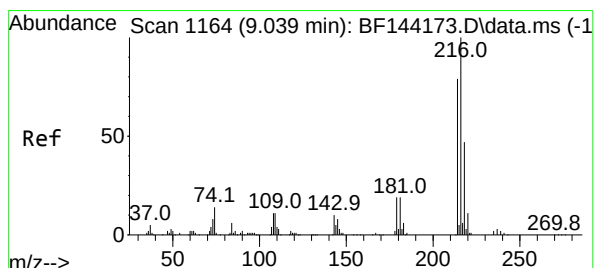
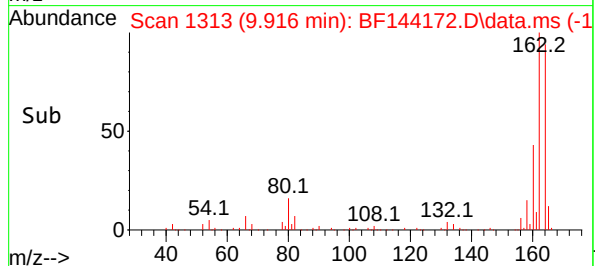
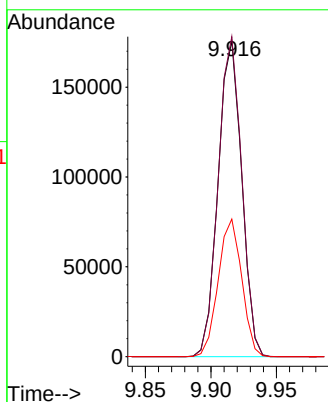
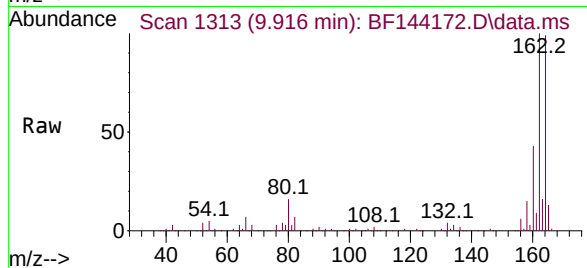
Tgt Ion:164 Resp: 220087

Ion Ratio Lower Upper

164 100

162 101.4 81.1 121.7

160 43.6 34.5 51.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 20.100 ng

RT: 9.034 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Tgt Ion:216 Resp: 144980

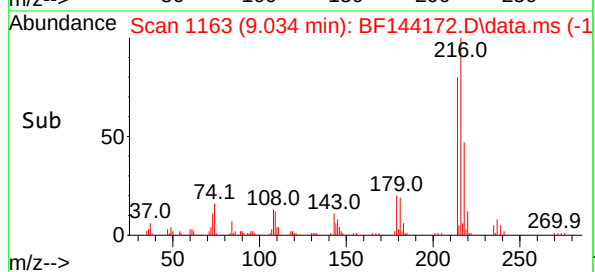
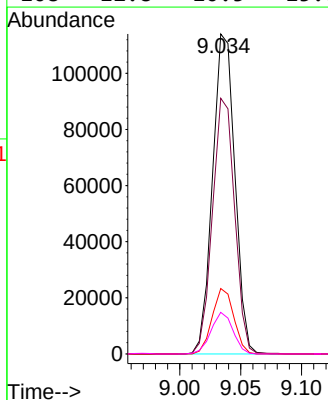
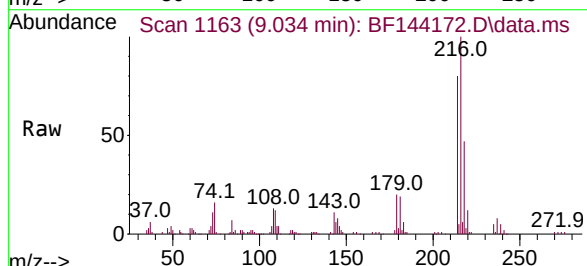
Ion Ratio Lower Upper

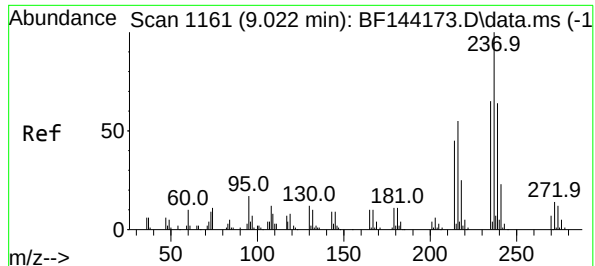
216 100

214 79.3 63.4 95.2

179 19.8 15.0 22.4

108 12.8 10.5 15.7

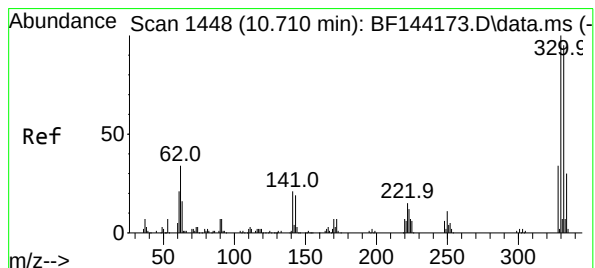
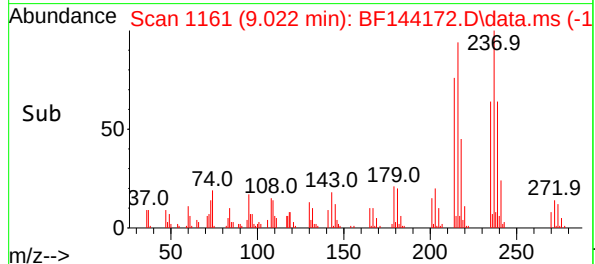
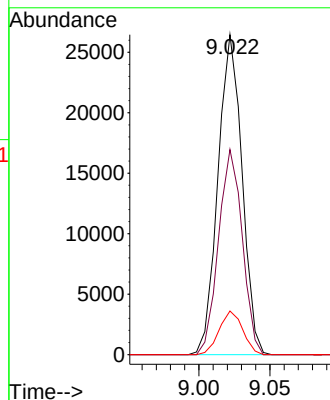
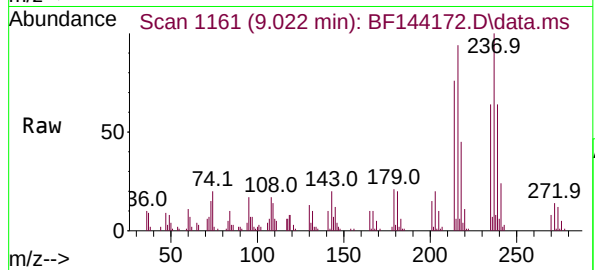




#41
Hexachlorocyclopentadiene
Concen: 18.527 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

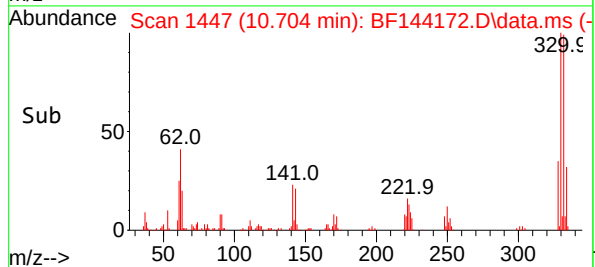
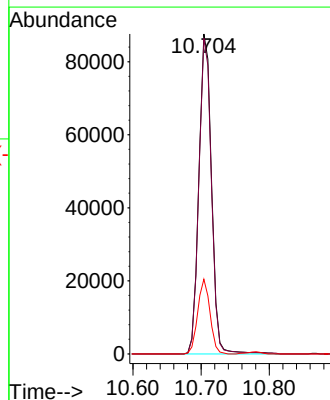
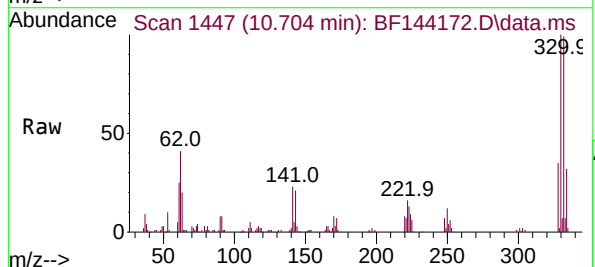
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

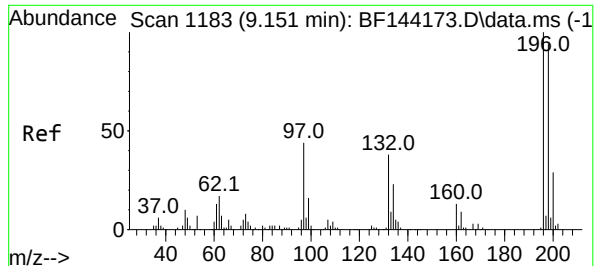
Tgt Ion:237 Resp: 31247
Ion Ratio Lower Upper
237 100
235 64.1 45.5 85.5
272 13.6 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 40.889 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.012 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:330 Resp: 112928
Ion Ratio Lower Upper
330 100
332 97.9 76.7 115.1
141 22.6 17.8 26.8





#43

2,4,6-Trichlorophenol

Concen: 20.136 ng

RT: 9.151 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

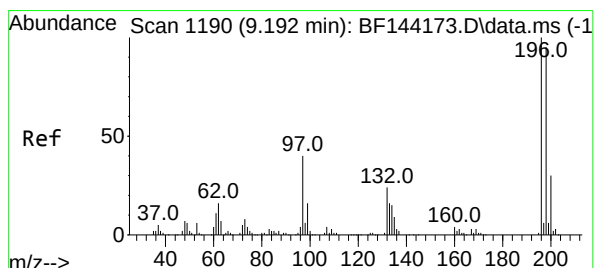
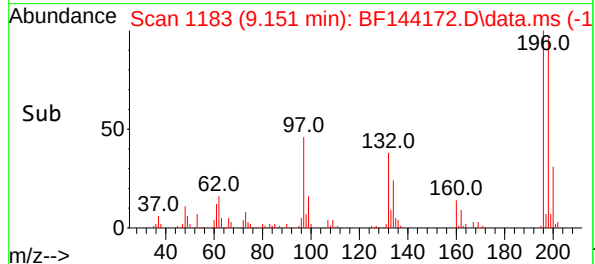
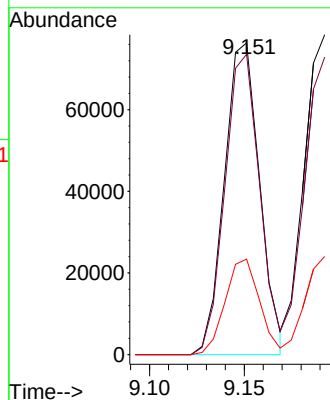
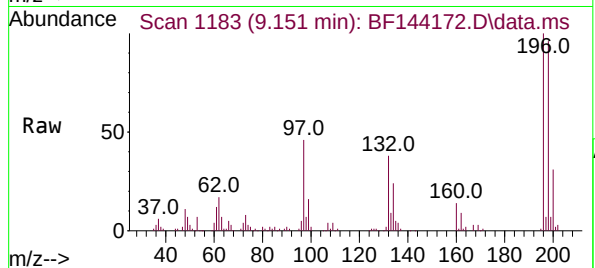
Tgt Ion:196 Resp: 98855

Ion Ratio Lower Upper

196 100

198 96.4 75.3 112.9

200 30.6 23.4 35.2



#44

2,4,5-Trichlorophenol

Concen: 20.653 ng

RT: 9.192 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Tgt Ion:196 Resp: 109277

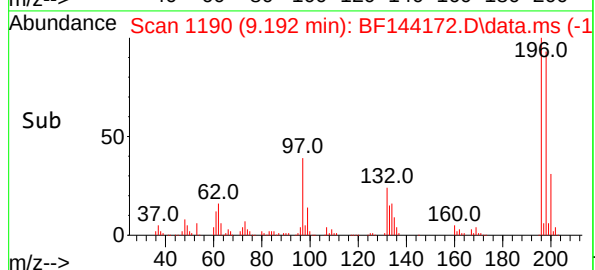
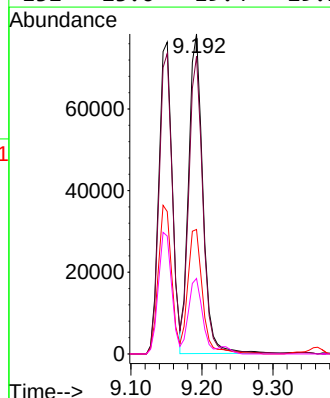
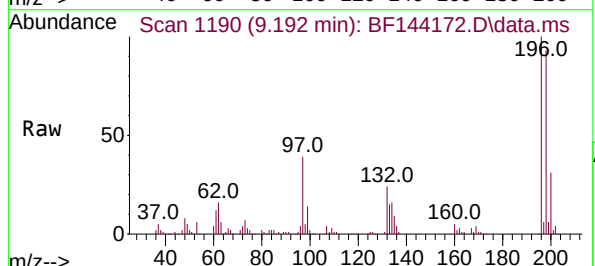
Ion Ratio Lower Upper

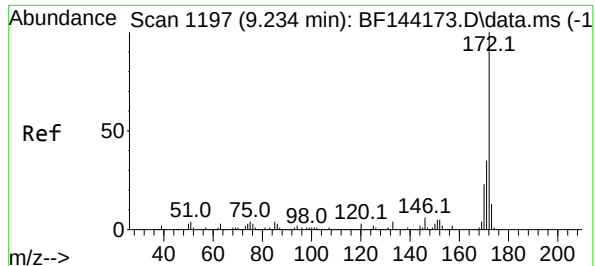
196 100

198 93.0 76.1 114.1

97 38.9 31.9 47.9

132 23.6 19.4 29.2

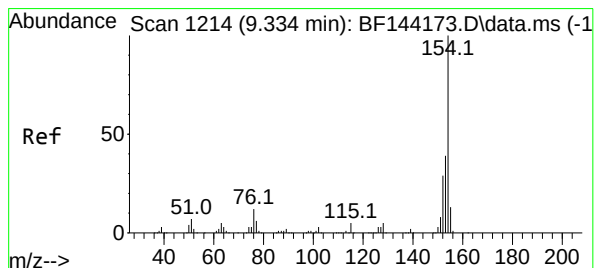
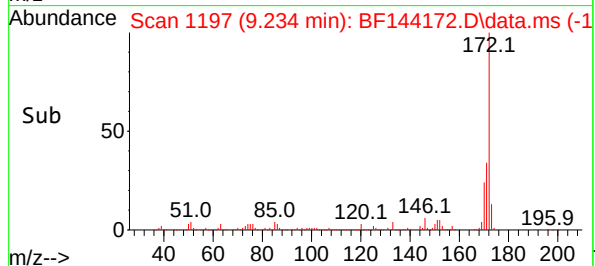
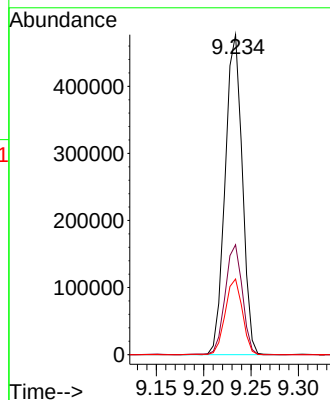
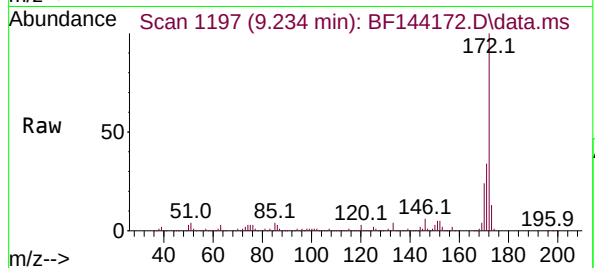




#45
2-Fluorobiphenyl
Concen: 40.208 ng
RT: 9.234 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

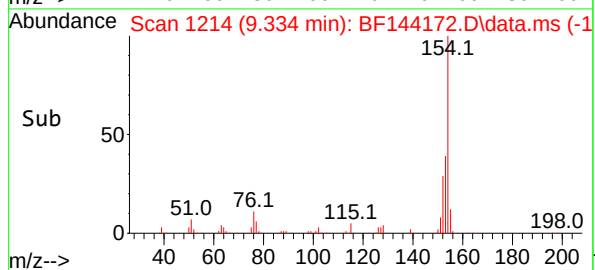
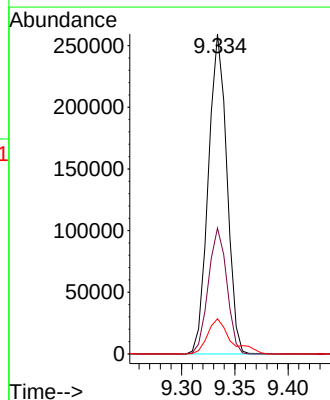
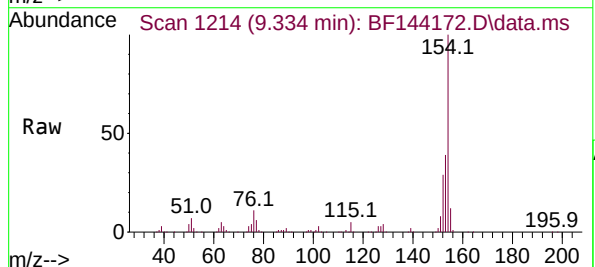
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

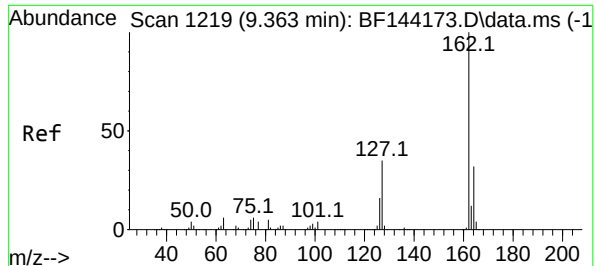
Tgt Ion:172 Resp: 599169
Ion Ratio Lower Upper
172 100
171 34.4 28.1 42.1
170 23.6 18.6 28.0



#46
1,1'-Biphenyl
Concen: 20.417 ng
RT: 9.334 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:154 Resp: 313667
Ion Ratio Lower Upper
154 100
153 39.3 19.2 59.2
76 11.0 0.0 31.8





#47

2-Chloronaphthalene

Concen: 20.262 ng

RT: 9.357 min Scan# 1218

Delta R.T. -0.012 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

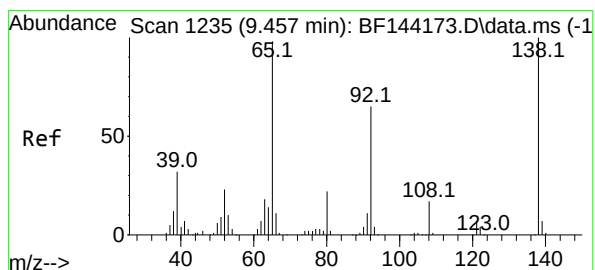
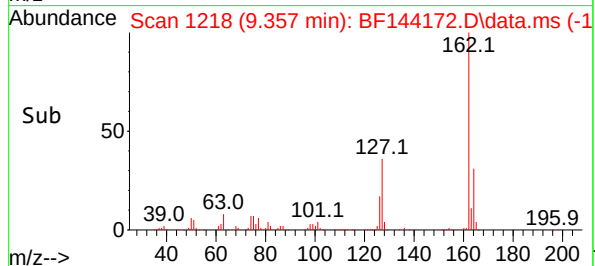
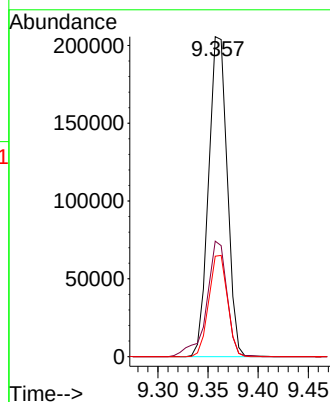
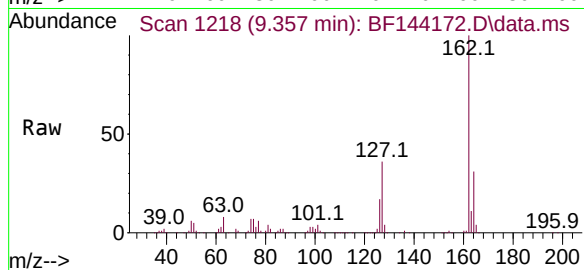
Tgt Ion:162 Resp: 265522

Ion Ratio Lower Upper

162 100

127 36.1 28.8 43.2

164 31.4 25.8 38.8



#48

2-Nitroaniline

Concen: 20.308 ng

RT: 9.457 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

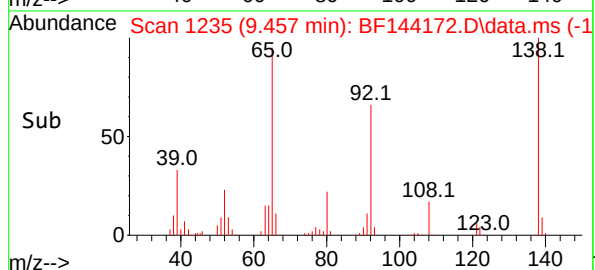
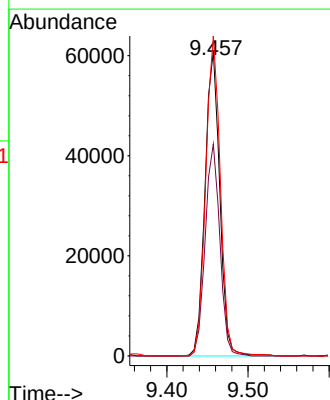
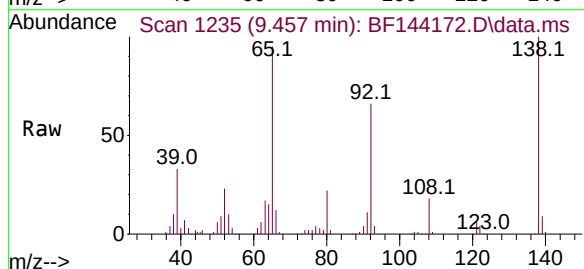
Tgt Ion: 65 Resp: 76785

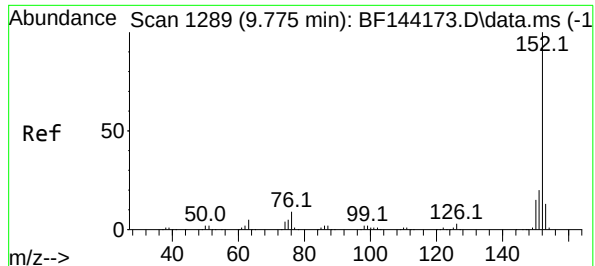
Ion Ratio Lower Upper

65 100

92 69.5 53.0 79.6

138 105.1 81.6 122.4





#49

Acenaphthylene

Concen: 20.664 ng

RT: 9.775 min Scan# 1289

Delta R.T. -0.006 min

Lab File: BF144172.D

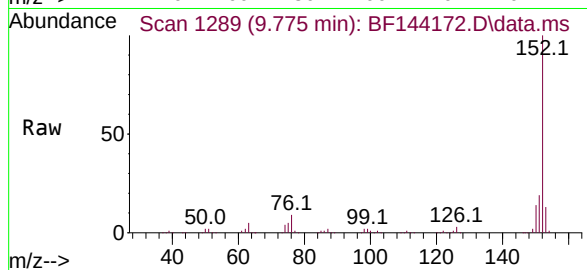
Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



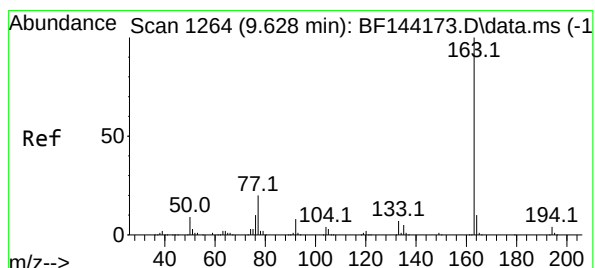
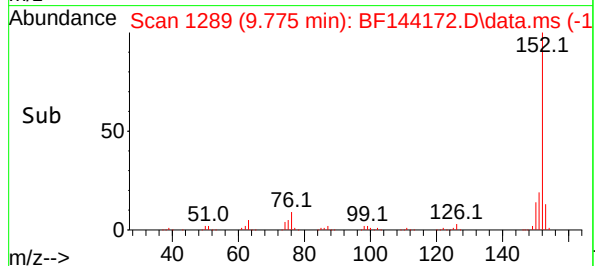
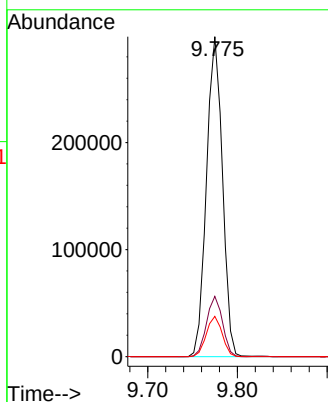
Tgt Ion:152 Resp: 369018

Ion Ratio Lower Upper

152 100

151 18.8 15.9 23.9

153 12.6 10.5 15.7



#50

Dimethylphthalate

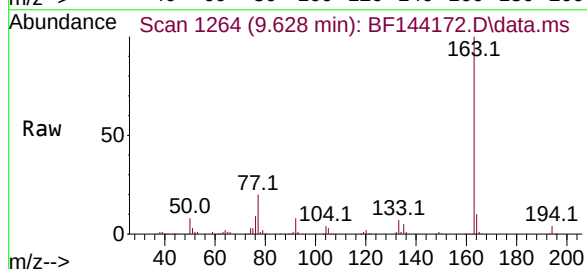
Concen: 20.516 ng

RT: 9.628 min Scan# 1264

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20



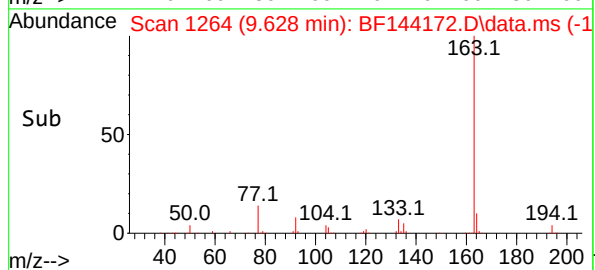
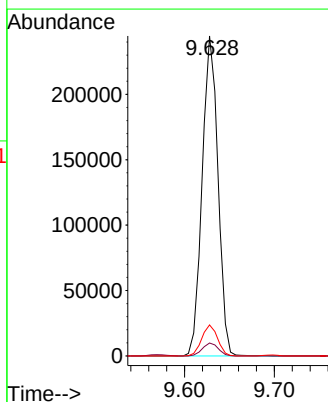
Tgt Ion:163 Resp: 299125

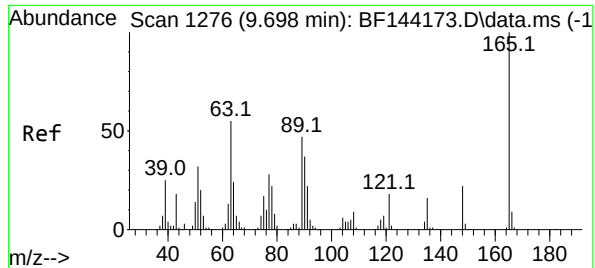
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 9.7 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 20.212 ng

RT: 9.698 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

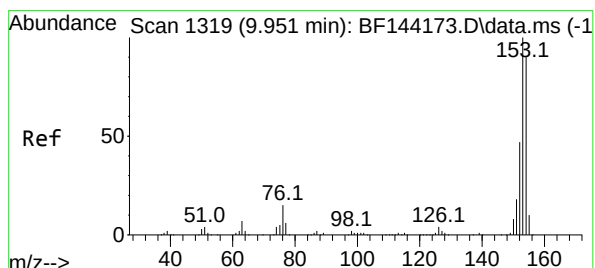
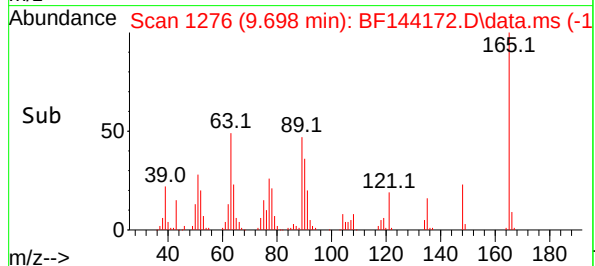
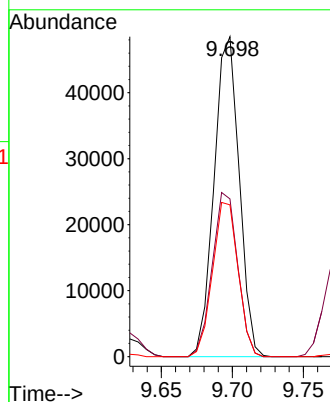
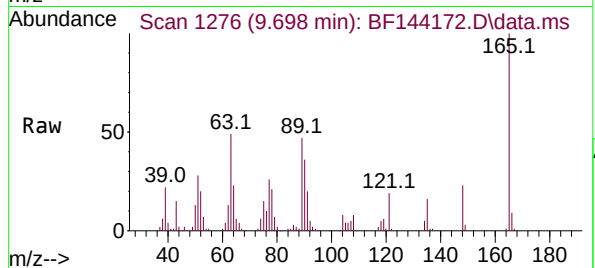
Tgt Ion:165 Resp: 59656

Ion Ratio Lower Upper

165 100

63 49.3 43.8 65.8

89 47.4 37.5 56.3



#52

Acenaphthene

Concen: 20.641 ng

RT: 9.945 min Scan# 1318

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

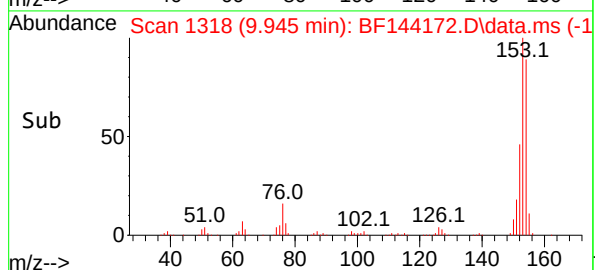
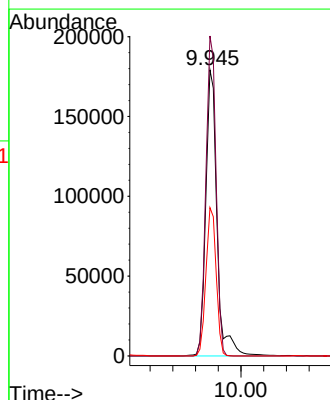
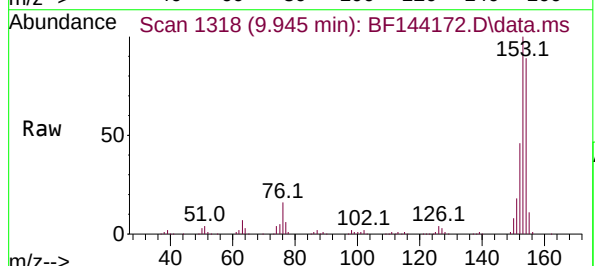
Tgt Ion:154 Resp: 246497

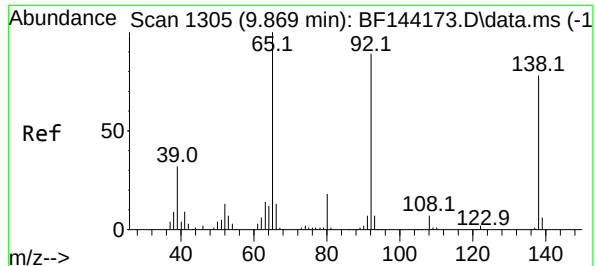
Ion Ratio Lower Upper

154 100

153 111.9 89.0 133.4

152 51.8 42.2 63.4





#53

3-Nitroaniline

Concen: 20.623 ng

RT: 9.869 min Scan# 1305

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

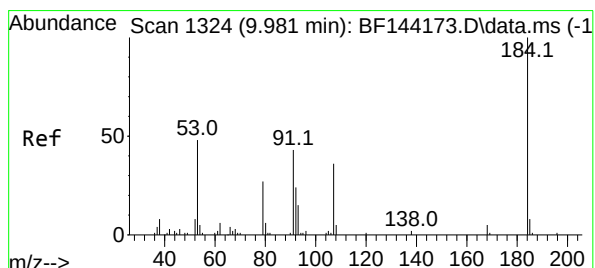
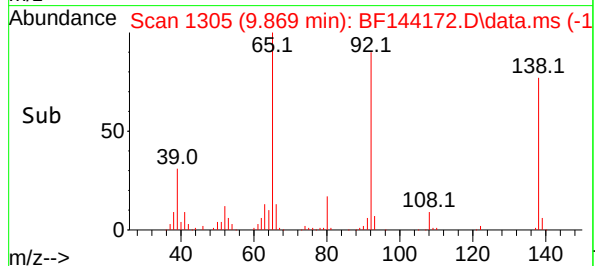
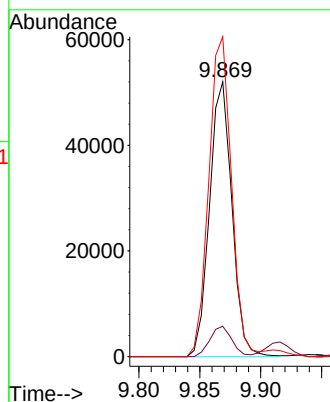
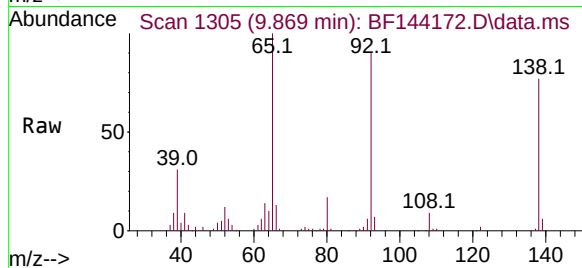
Tgt Ion:138 Resp: 66539

Ion Ratio Lower Upper

138 100

108 11.1 7.5 11.3

92 116.4 91.8 137.6



#54

2,4-Dinitrophenol

Concen: 20.453 ng

RT: 9.981 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

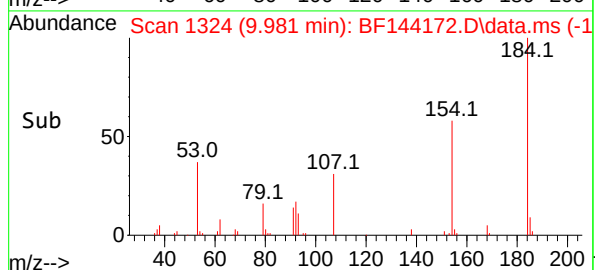
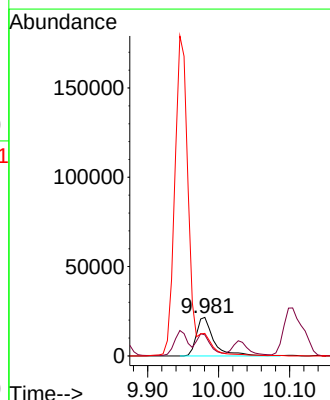
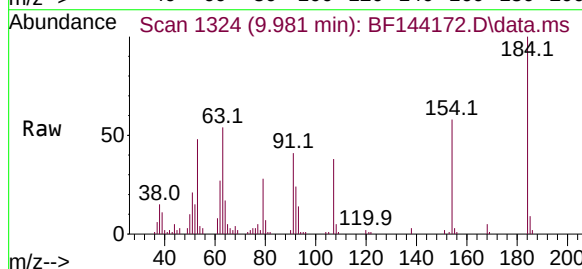
Tgt Ion:184 Resp: 36453

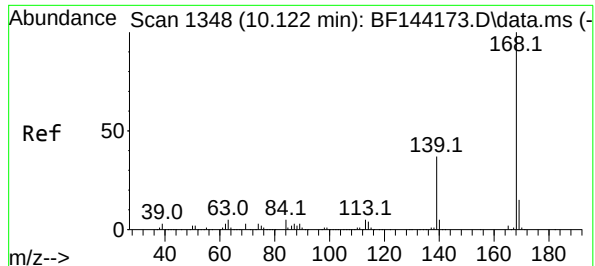
Ion Ratio Lower Upper

184 100

63 54.5 44.0 66.0

154 58.3 42.4 63.6





#55

Dibenzofuran

Concen: 20.864 ng

RT: 10.122 min Scan# 1348

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

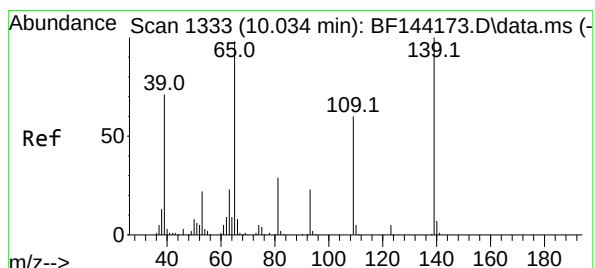
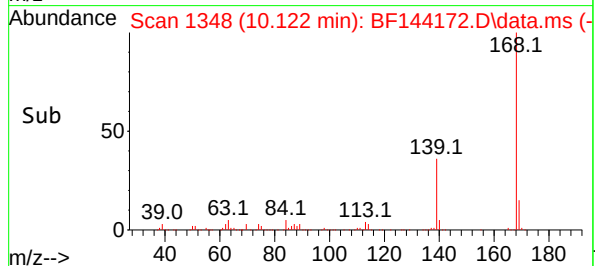
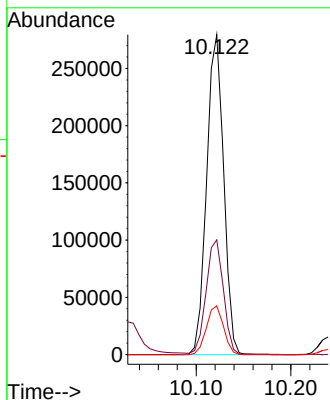
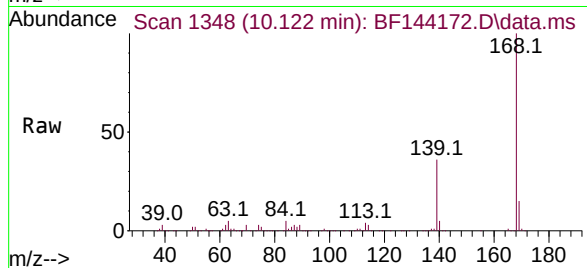
Tgt Ion:168 Resp: 348955

Ion Ratio Lower Upper

168 100

139 35.9 30.2 45.2

169 15.2 12.2 18.4



#56

4-Nitrophenol

Concen: 19.003 ng

RT: 10.028 min Scan# 1332

Delta R.T. -0.012 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

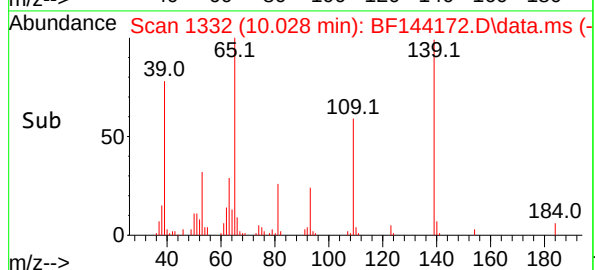
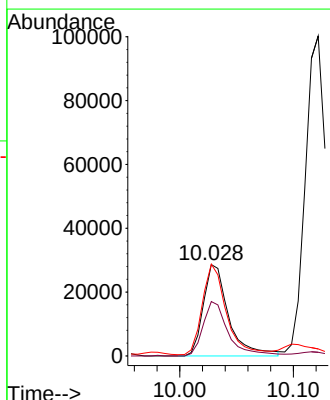
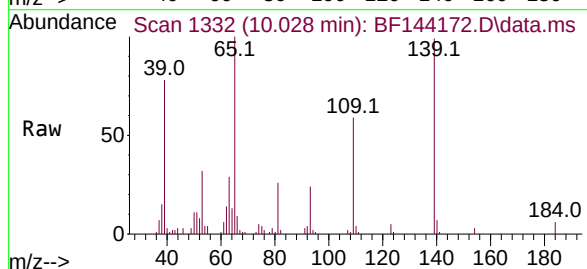
Tgt Ion:139 Resp: 44352

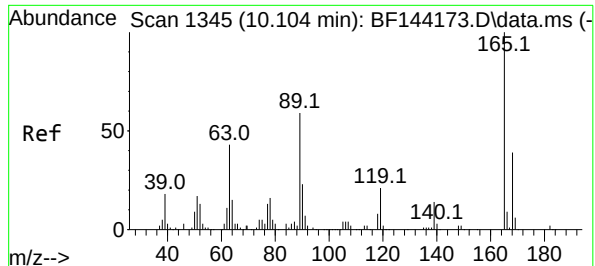
Ion Ratio Lower Upper

139 100

109 59.5 39.9 79.9

65 100.6 79.5 119.5

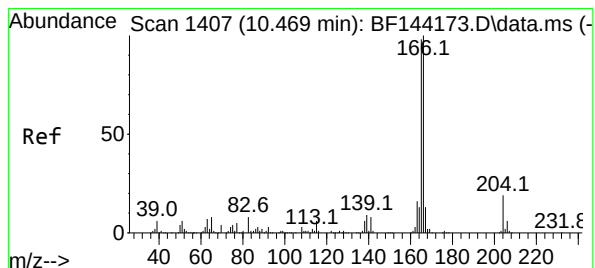
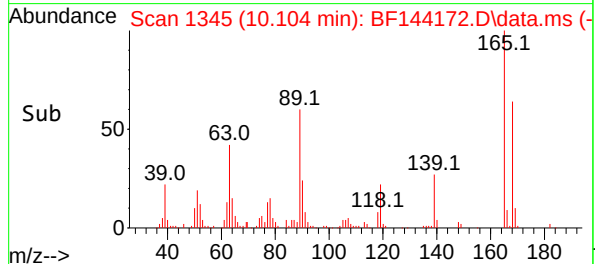
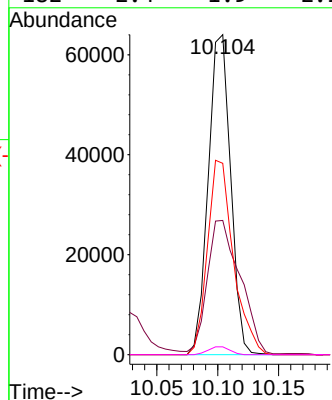
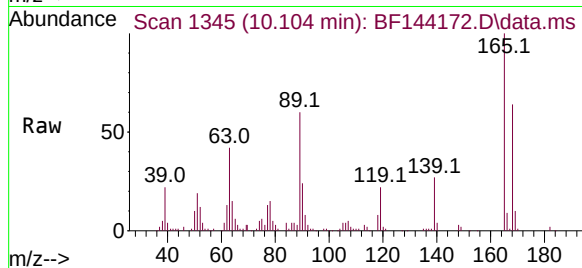




#57
2,4-Dinitrotoluene
Concen: 20.706 ng
RT: 10.104 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

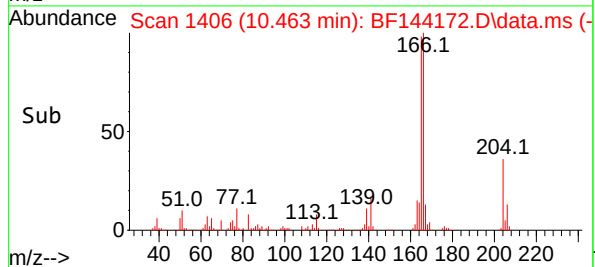
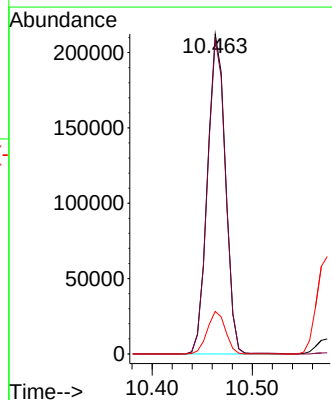
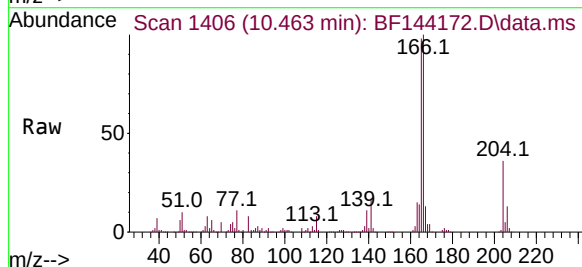
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

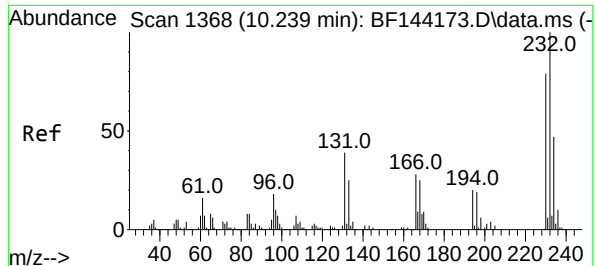
Tgt Ion	165	Resp	81812
Ion Ratio	Lower	Upper	
165	100		
63	41.9	35.5	53.3
89	59.8	47.4	71.2
182	2.4	1.9	2.9



#58
Fluorene
Concen: 20.725 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion	166	Resp	263546
Ion Ratio	Lower	Upper	
166	100		
165	98.3	78.6	118.0
167	13.3	10.4	15.6

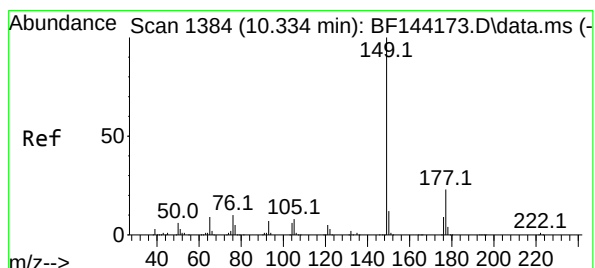
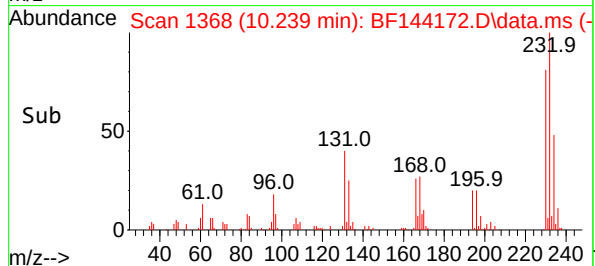
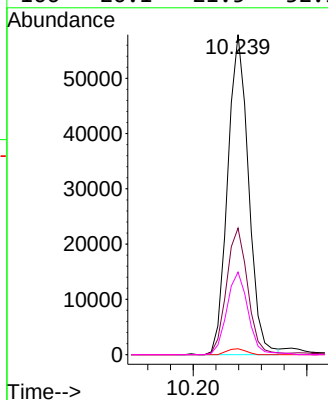
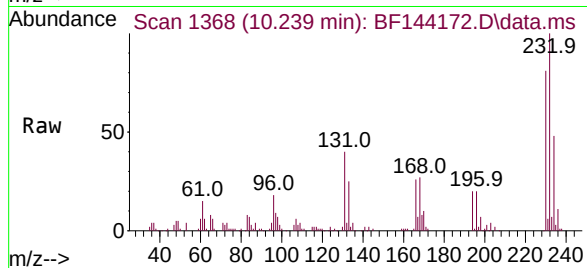




#59
2,3,4,6-Tetrachlorophenol
Concen: 19.762 ng
RT: 10.239 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

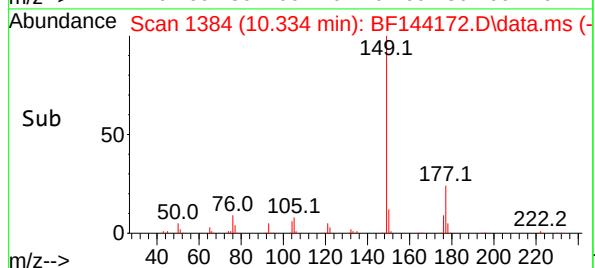
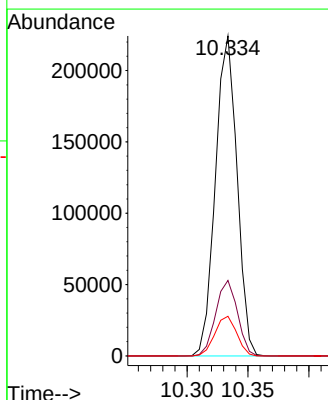
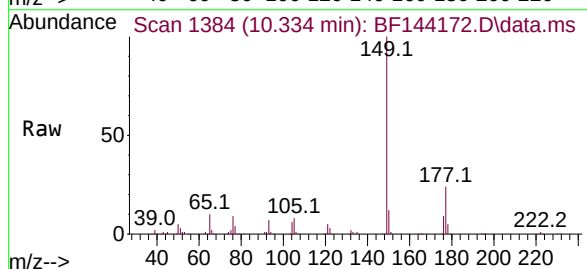
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

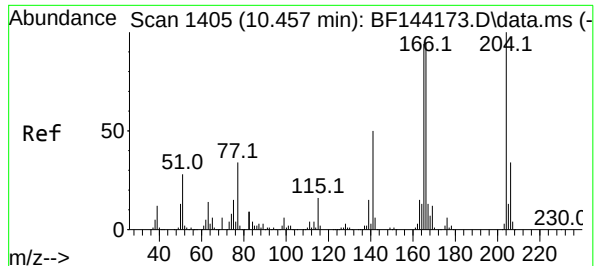
Tgt Ion:232 Resp: 73978
Ion Ratio Lower Upper
232 100
131 40.2 30.3 45.5
130 1.6 1.2 1.8
166 26.1 21.5 32.3



#60
Diethylphthalate
Concen: 20.535 ng
RT: 10.334 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:149 Resp: 276008
Ion Ratio Lower Upper
149 100
177 23.6 18.3 27.5
150 12.4 9.8 14.6

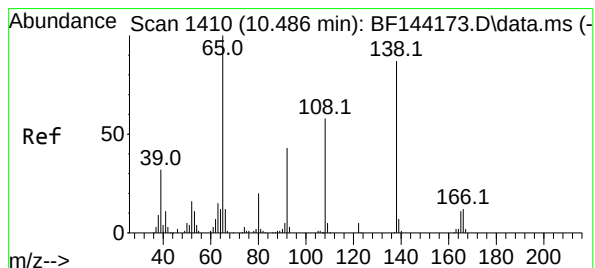
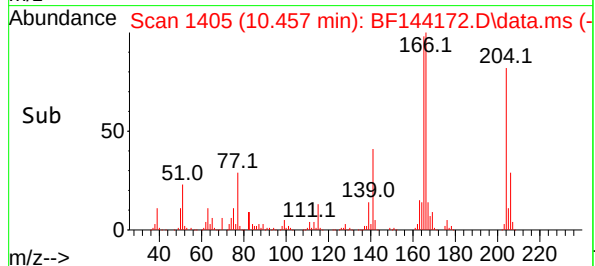
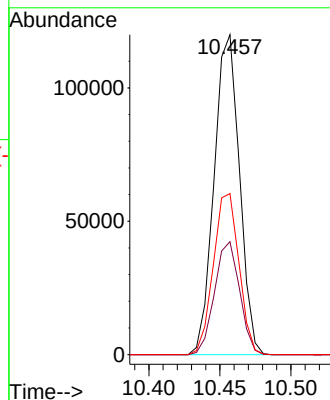
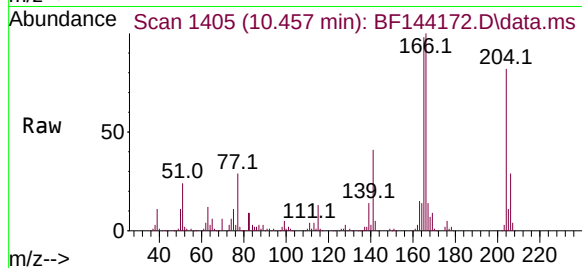




#61
4-Chlorophenyl-phenylether
Concen: 20.595 ng
RT: 10.457 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

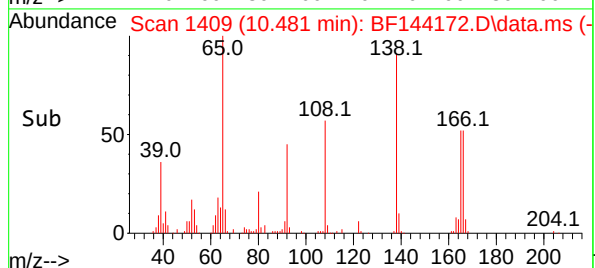
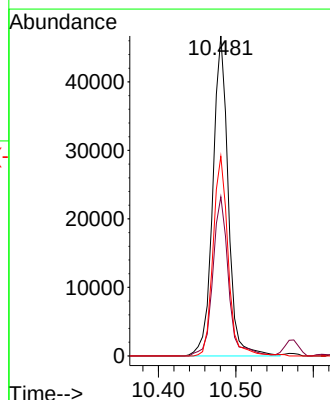
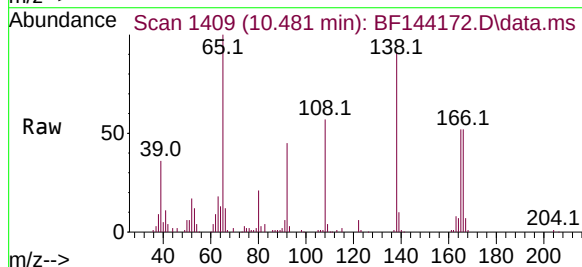
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

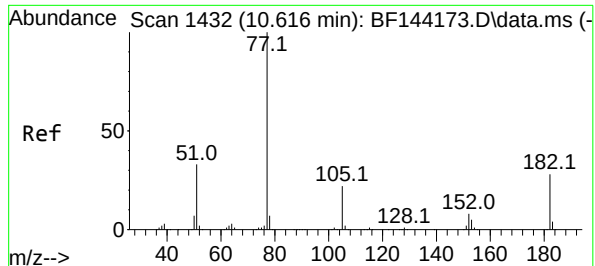
Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.3	27.4	41.2
141	50.3	40.0	60.0



#62
4-Nitroaniline
Concen: 20.987 ng
RT: 10.481 min Scan# 1409
Delta R.T. -0.017 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.7	29.4	69.4
108	62.4	46.4	86.4

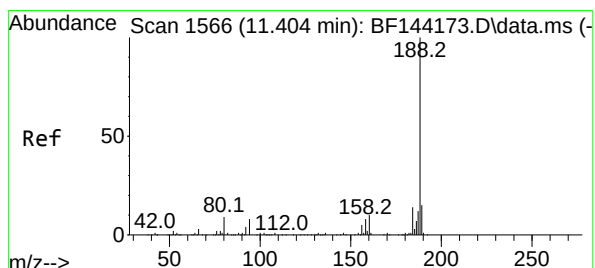
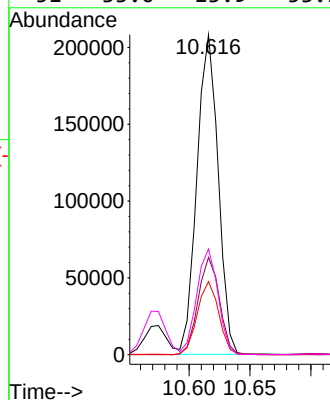
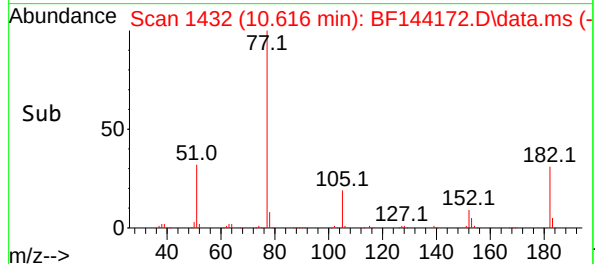
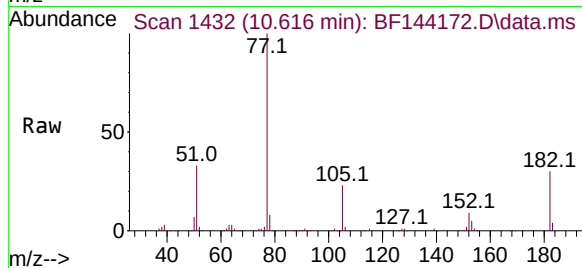




#63
Azobenzene
Concen: 20.147 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

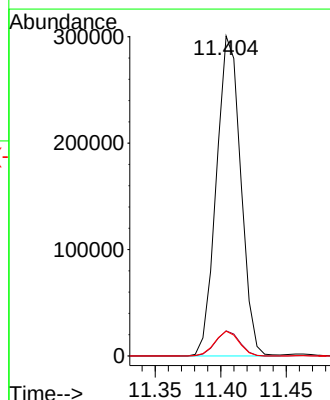
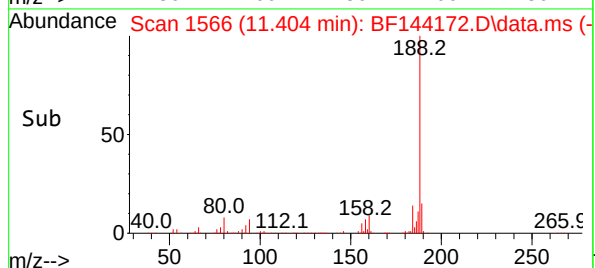
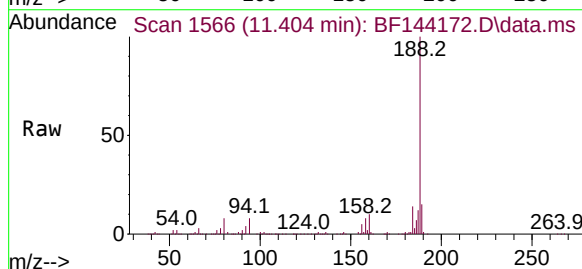
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

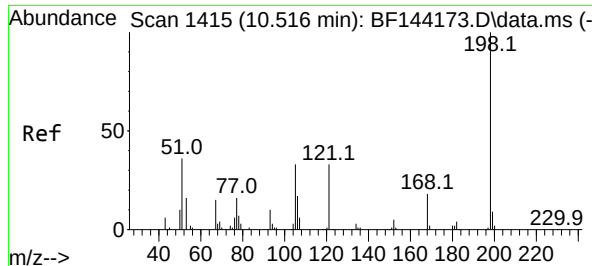
Tgt Ion	Ratio	Lower	Upper
77	100		
182	30.4	8.1	48.1
105	22.8	2.0	42.0
51	33.0	13.9	53.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.2	9.2
80	7.7	6.9	10.3

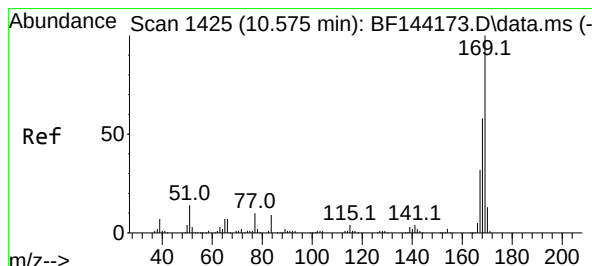
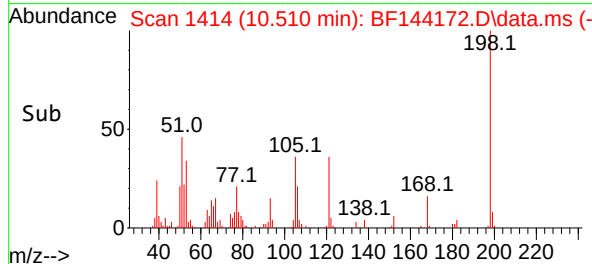
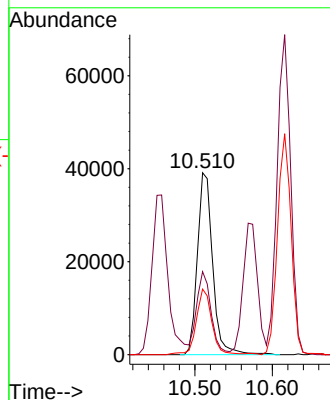
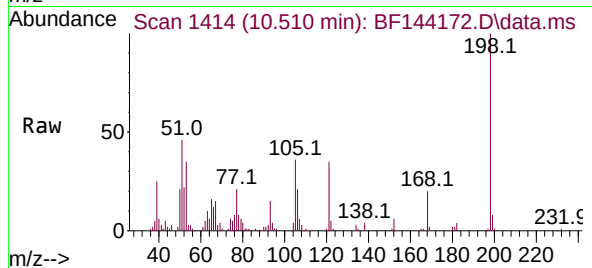




#65
4,6-Dinitro-2-methylphenol
Concen: 20.307 ng
RT: 10.510 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

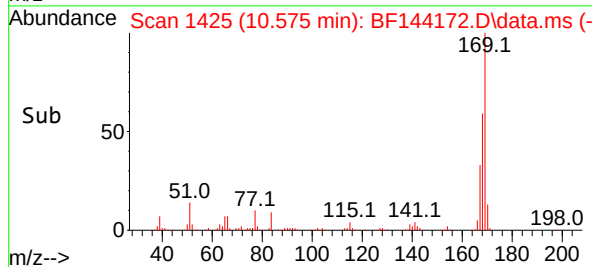
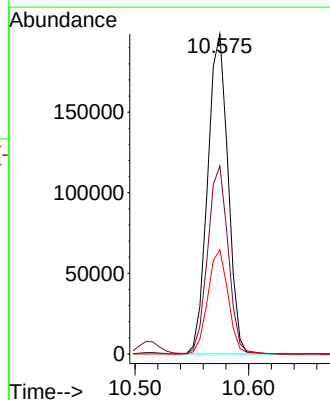
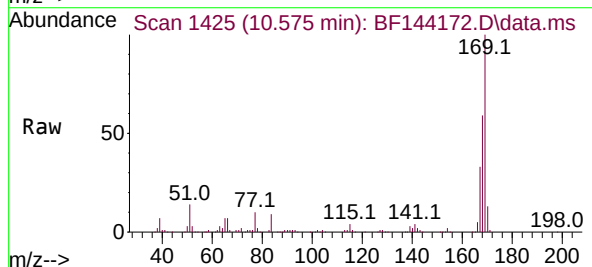
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

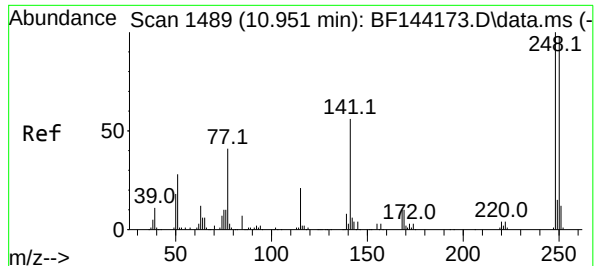
Tgt Ion	Ratio	Lower	Upper
198	100		
51	45.6	25.6	65.6
105	36.0	14.6	54.6



#66
n-Nitrosodiphenylamine
Concen: 19.743 ng
RT: 10.575 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion	Ratio	Lower	Upper
169	100		
168	58.7	46.2	69.2
167	32.5	25.7	38.5

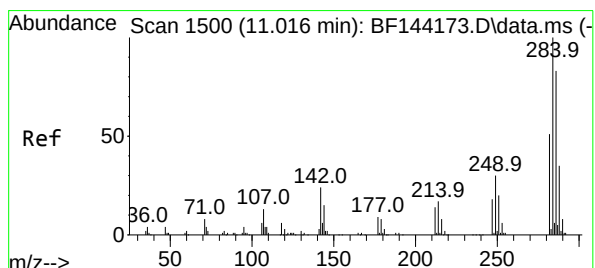
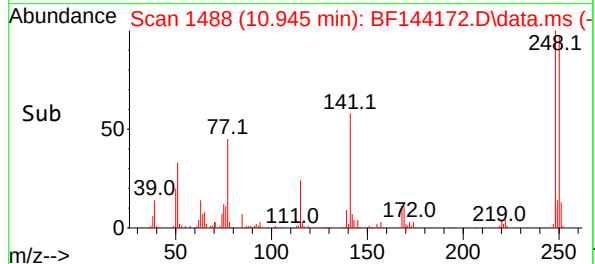
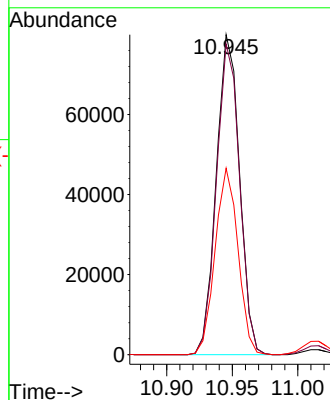
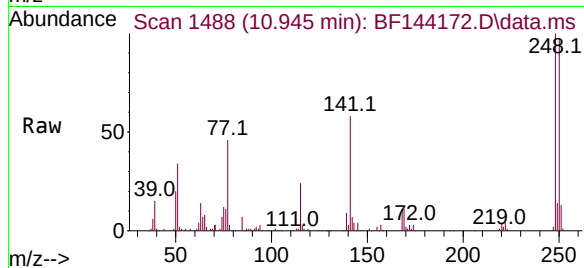




#67
4-Bromophenyl-phenylether
Concen: 19.959 ng
RT: 10.945 min Scan# 1488
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

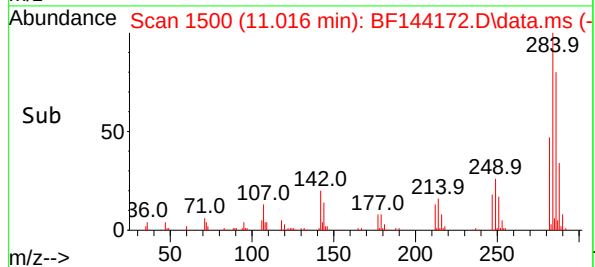
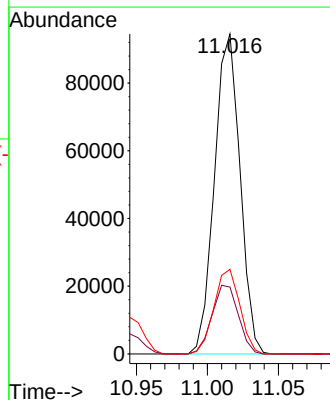
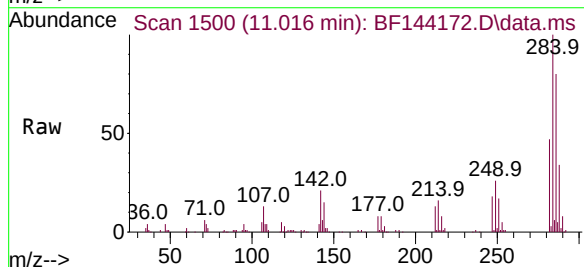
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

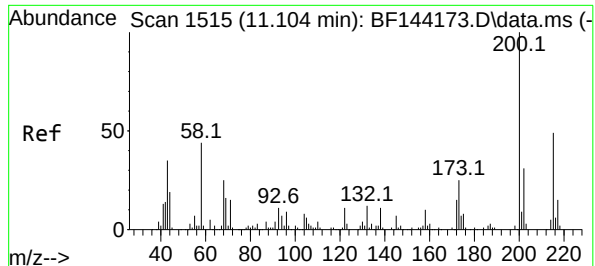
Tgt Ion:248 Resp: 98958
Ion Ratio Lower Upper
248 100
250 97.1 78.4 117.6
141 58.2 45.1 67.7



#68
Hexachlorobenzene
Concen: 20.279 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:284 Resp: 118426
Ion Ratio Lower Upper
284 100
142 20.9 19.2 28.8
249 26.4 23.8 35.8





#69

Atrazine

Concen: 21.052 ng

RT: 11.098 min Scan# 1515

Delta R.T. -0.012 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

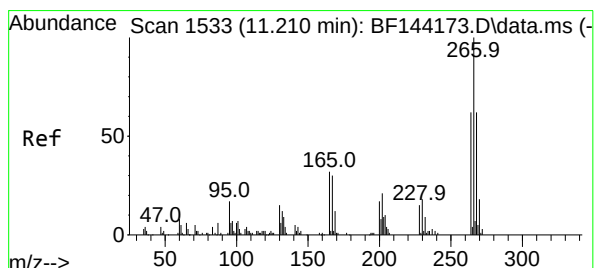
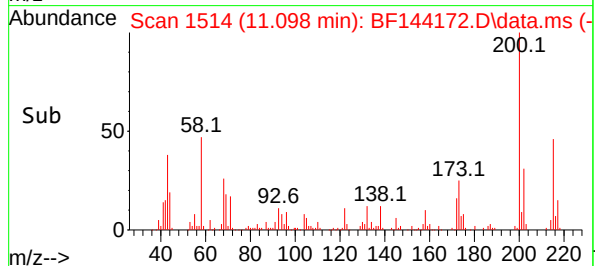
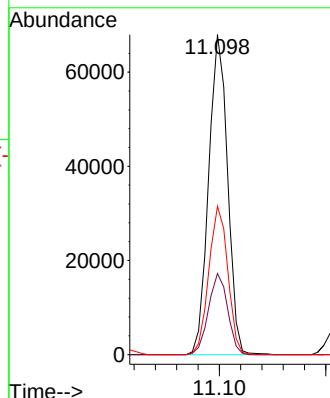
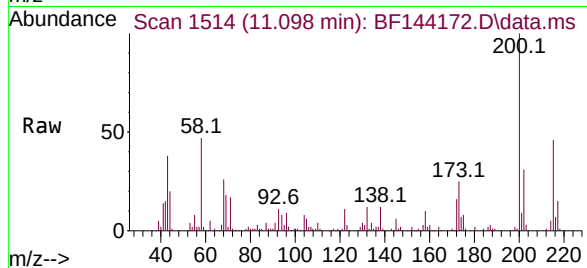
Tgt Ion:200 Resp: 83639

Ion Ratio Lower Upper

200 100

173 25.3 5.0 45.0

215 46.4 28.7 68.7



#70

Pentachlorophenol

Concen: 19.177 ng

RT: 11.210 min Scan# 1533

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

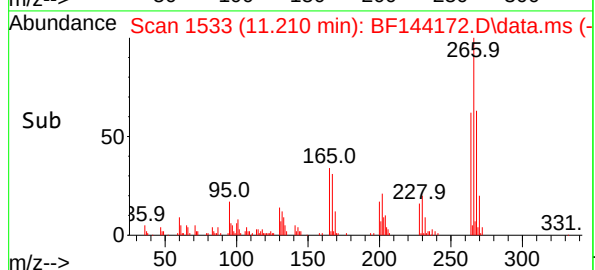
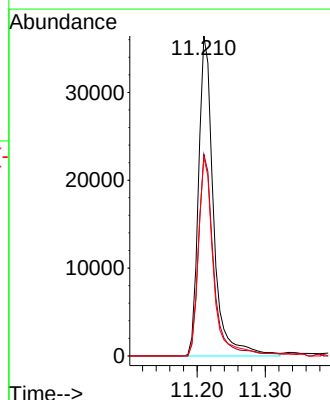
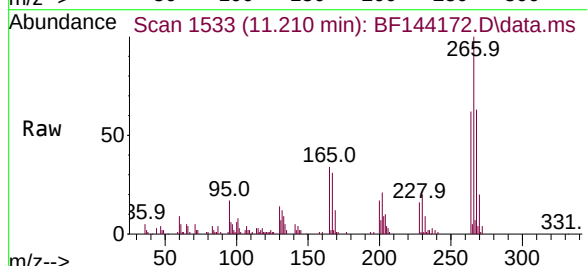
Tgt Ion:266 Resp: 55766

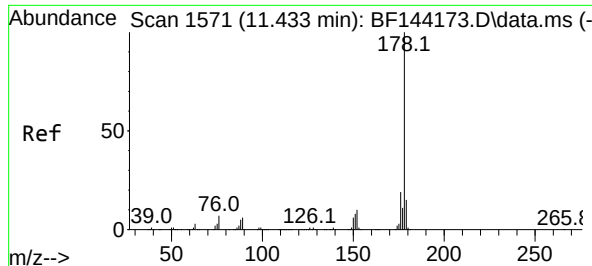
Ion Ratio Lower Upper

266 100

268 63.0 49.5 74.3

264 62.1 49.4 74.2

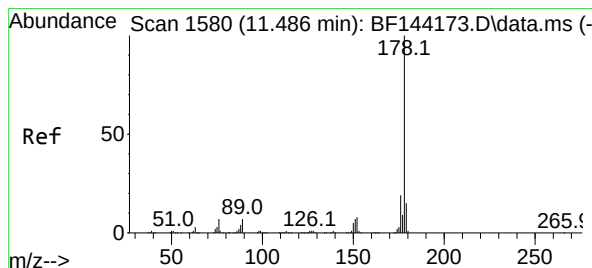
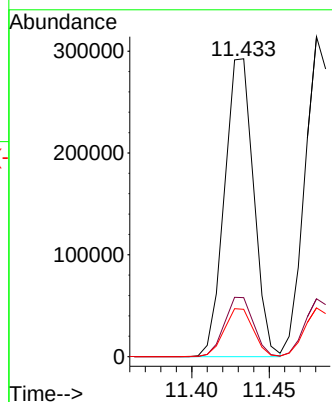
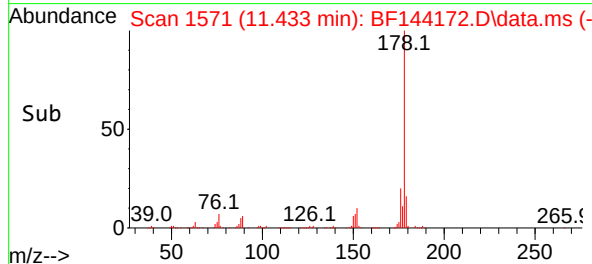
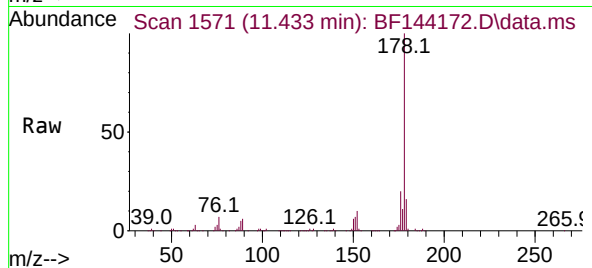




#71
Phenanthrene
Concen: 19.794 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

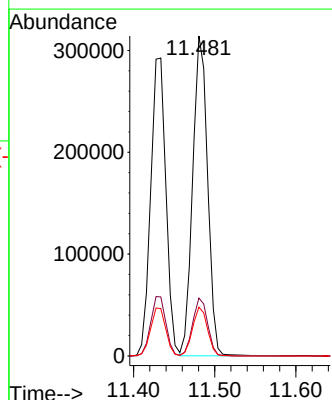
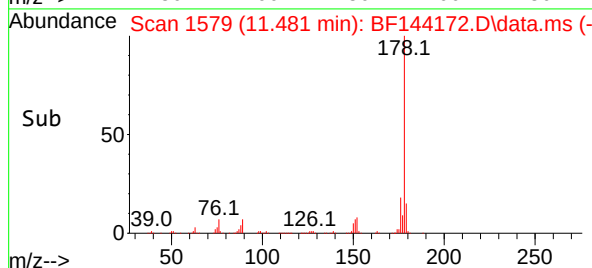
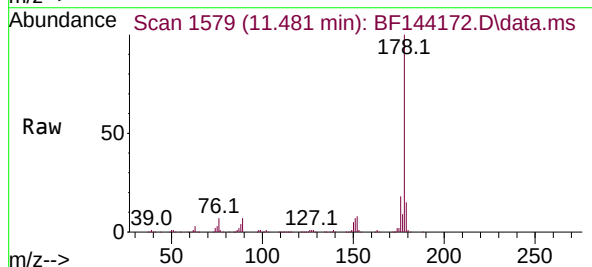
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

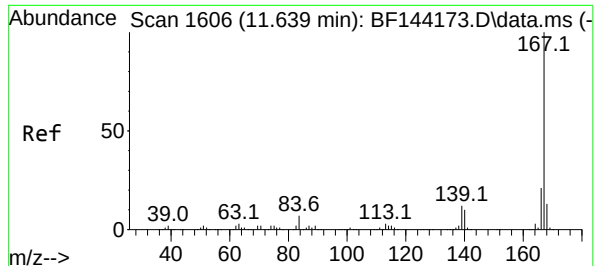
Tgt Ion:178 Resp: 382805
Ion Ratio Lower Upper
178 100
176 19.8 15.5 23.3
179 15.9 12.2 18.4



#72
Anthracene
Concen: 20.292 ng
RT: 11.481 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

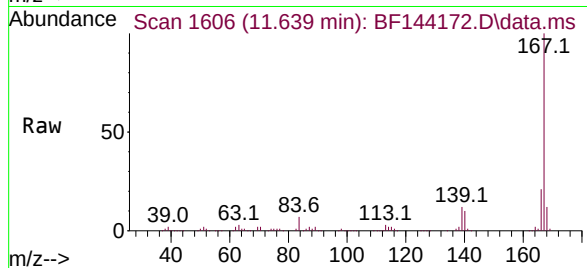
Tgt Ion:178 Resp: 399043
Ion Ratio Lower Upper
178 100
176 18.1 15.3 22.9
179 15.3 12.0 18.0



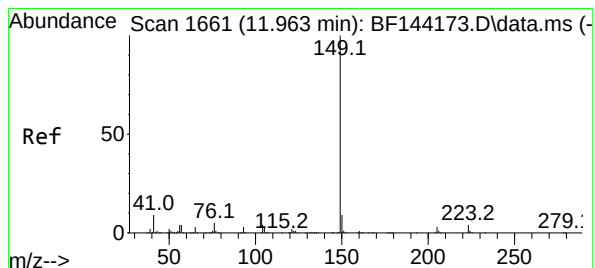
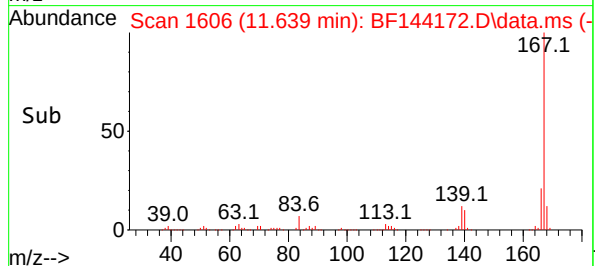
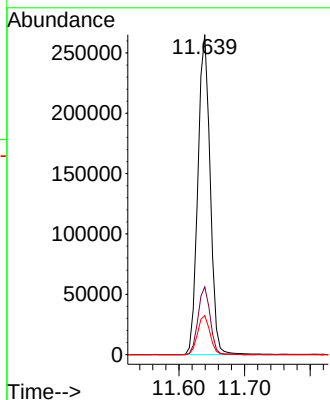


#73
Carbazole
Concen: 20.490 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

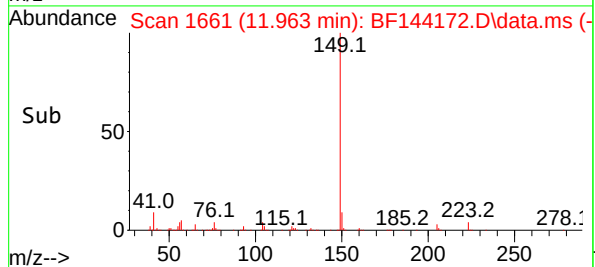
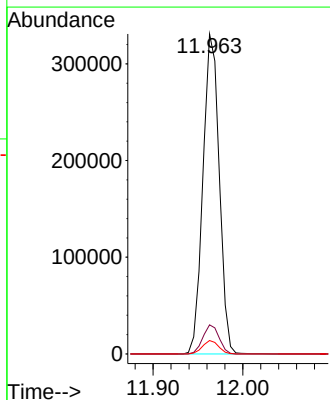
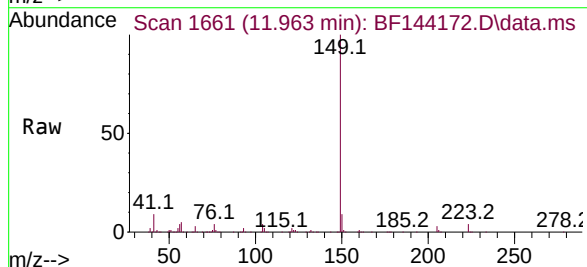


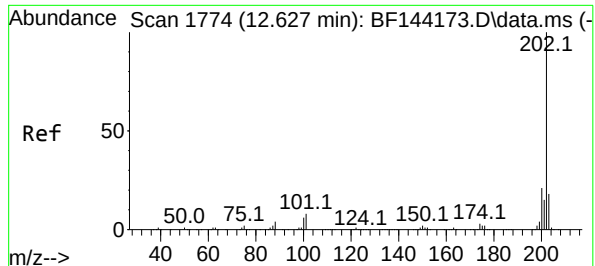
Tgt Ion:167 Resp: 342636
Ion Ratio Lower Upper
167 100
166 21.2 17.2 25.8
139 12.2 9.9 14.9



#74
Di-n-butylphthalate
Concen: 20.691 ng
RT: 11.963 min Scan# 1661
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:149 Resp: 418262
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 4.2 3.4 5.2

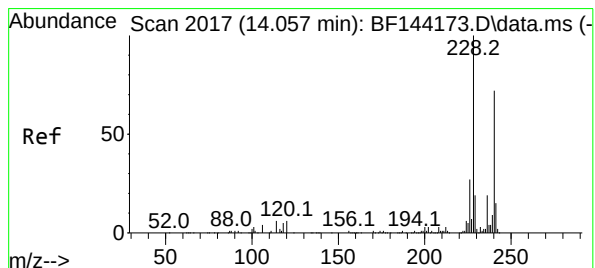
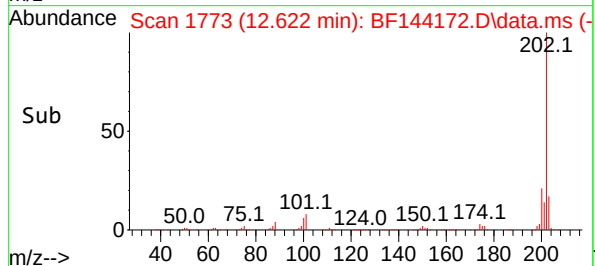
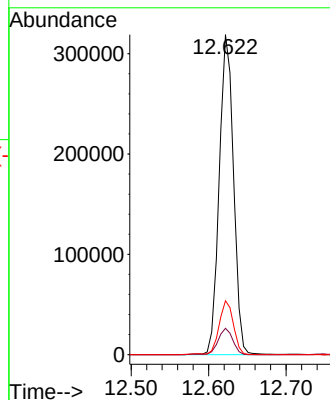
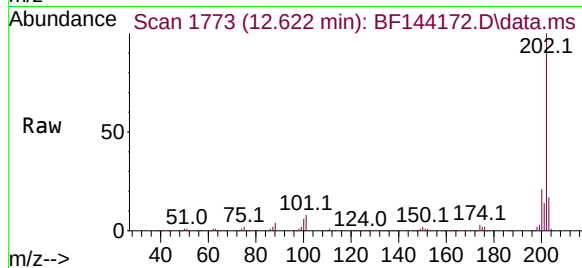




#75
Fluoranthene
Concen: 20.466 ng
RT: 12.622 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

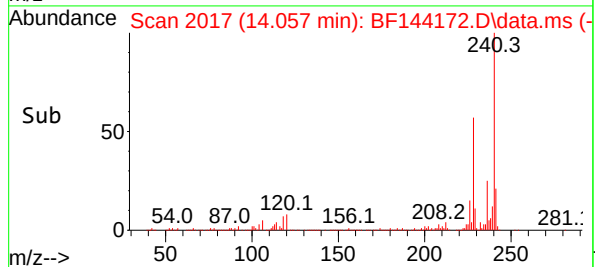
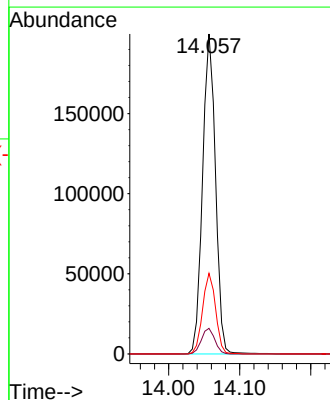
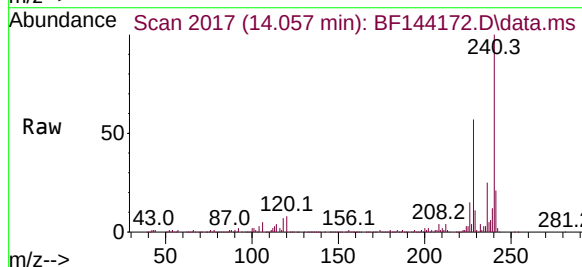
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

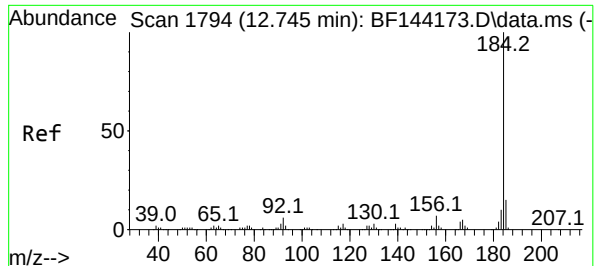
Tgt Ion:202 Resp: 408870
Ion Ratio Lower Upper
202 100
101 8.2 0.0 27.9
203 16.8 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:240 Resp: 250706
Ion Ratio Lower Upper
240 100
120 8.0 6.6 10.0
236 25.2 21.4 32.2





#77

Benzidine

Concen: 17.535 ng

RT: 12.745 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

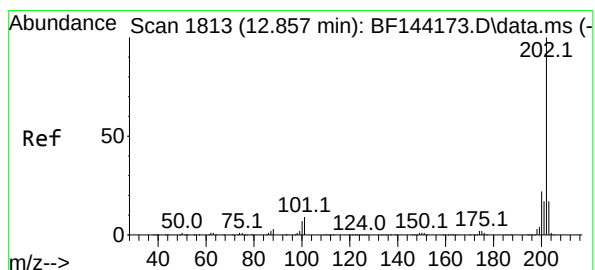
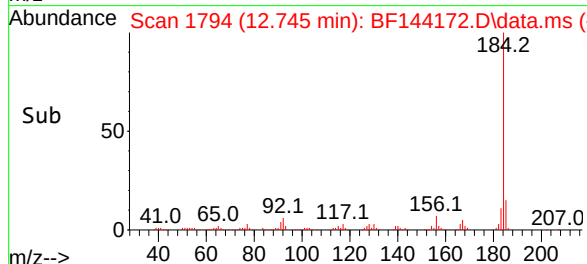
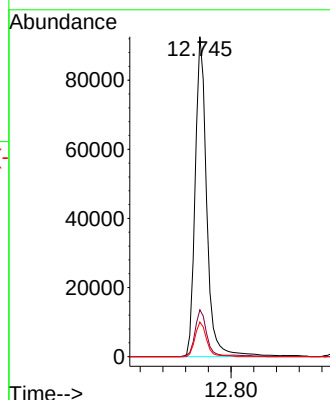
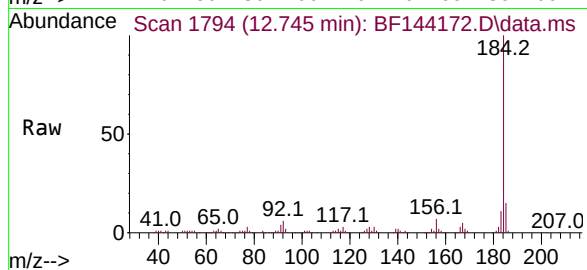
Tgt Ion:184 Resp: 130033

Ion Ratio Lower Upper

184 100

185 14.6 11.7 17.5

183 10.8 8.3 12.5



#78

Pyrene

Concen: 20.229 ng

RT: 12.851 min Scan# 1812

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

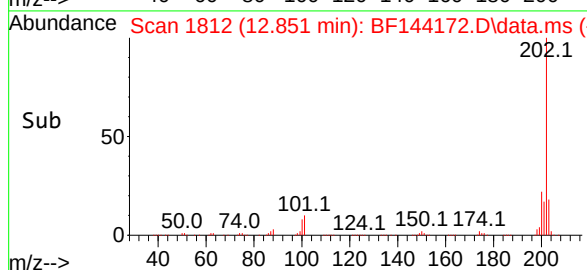
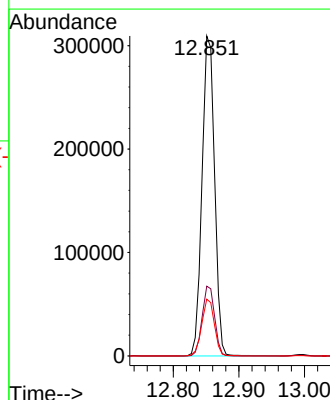
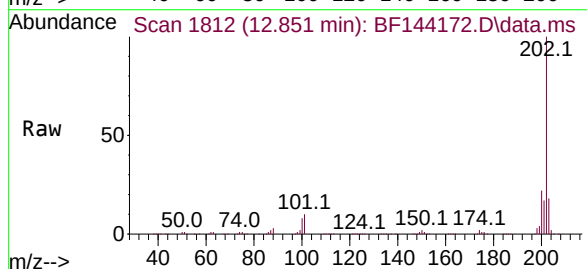
Tgt Ion:202 Resp: 408920

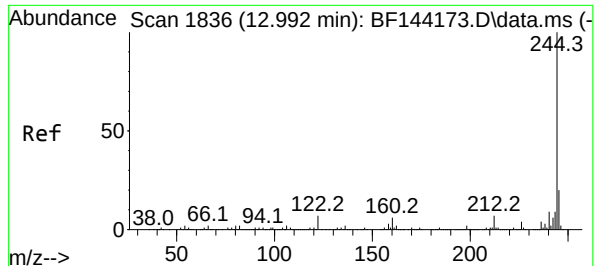
Ion Ratio Lower Upper

202 100

200 21.8 17.2 25.8

203 17.7 13.7 20.5





#79

Terphenyl-d14

Concen: 40.461 ng

RT: 12.992 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

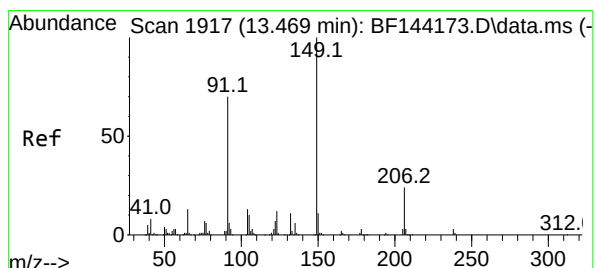
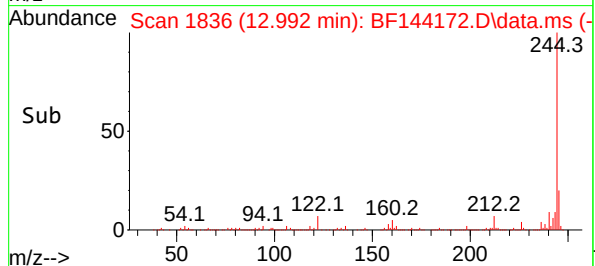
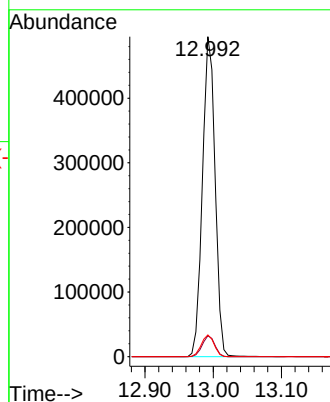
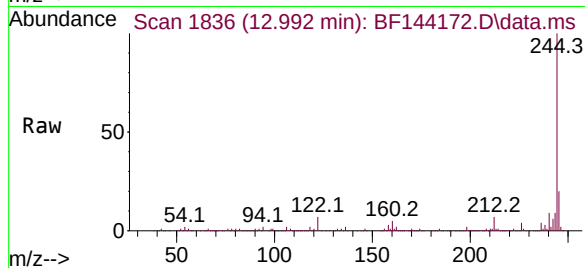
Tgt Ion:244 Resp: 638611

Ion Ratio Lower Upper

244 100

212 6.5 5.3 7.9

122 6.8 5.6 8.4



#80

Butylbenzylphthalate

Concen: 19.677 ng

RT: 13.469 min Scan# 1917

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

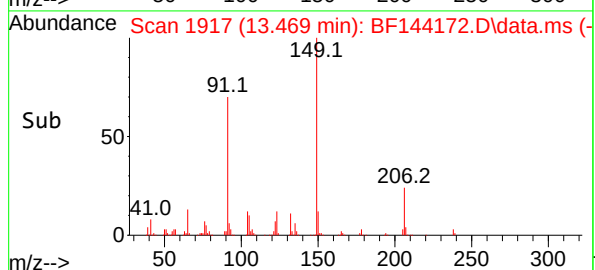
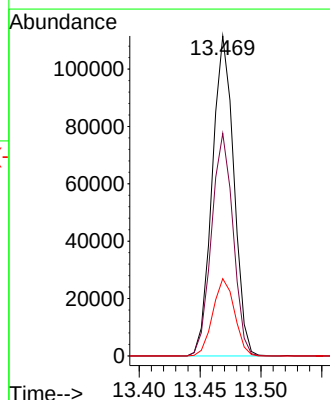
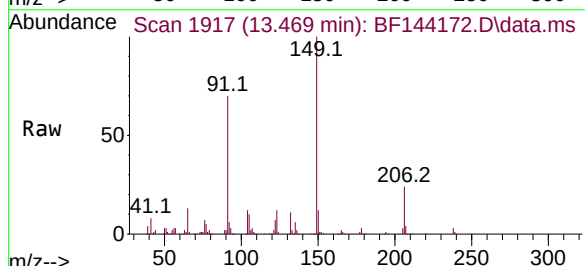
Tgt Ion:149 Resp: 137856

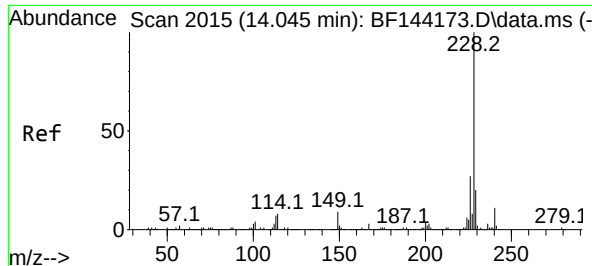
Ion Ratio Lower Upper

149 100

91 69.5 56.1 84.1

206 24.1 18.8 28.2

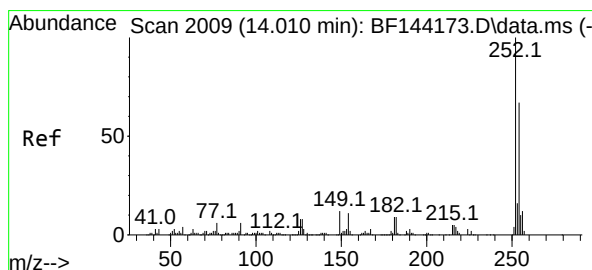
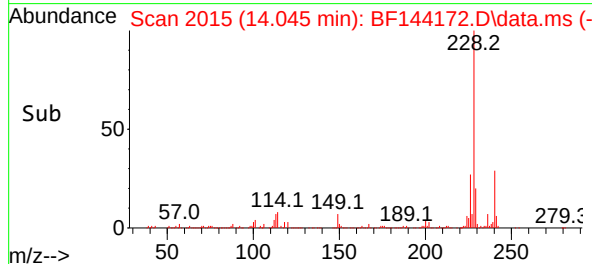
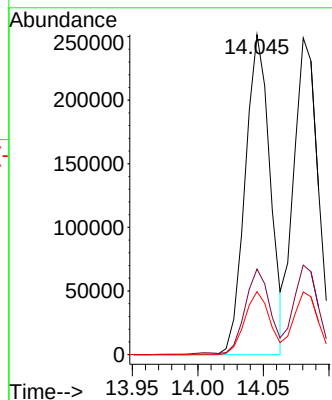
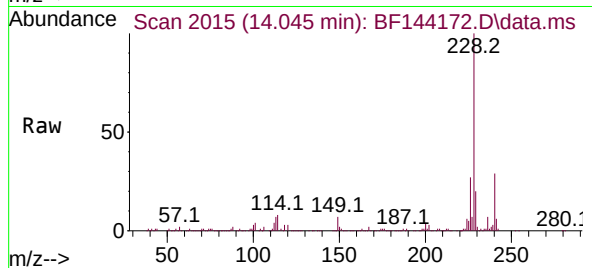




#81
Benzo(a)anthracene
Concen: 19.191 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

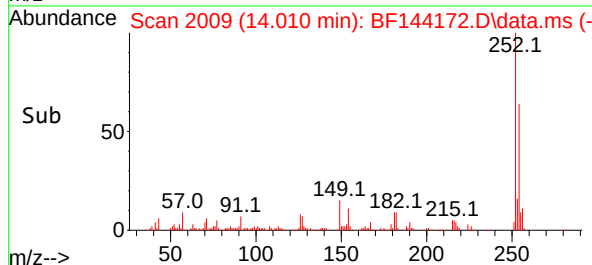
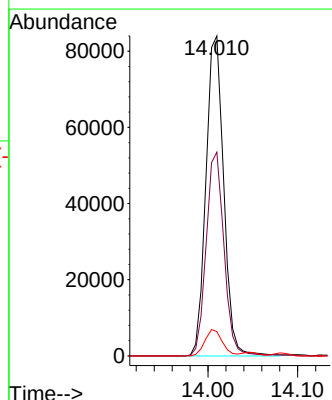
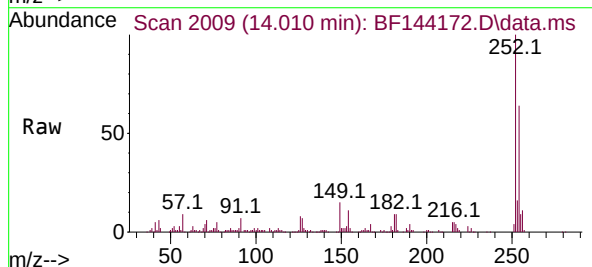
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

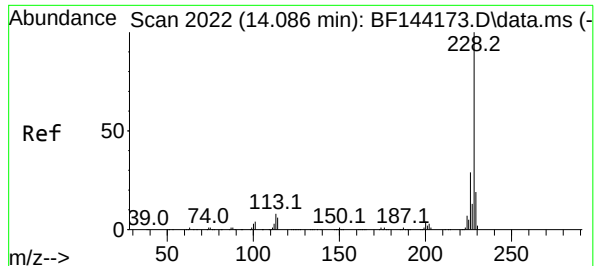
Tgt Ion:228 Resp: 333458
Ion Ratio Lower Upper
228 100
226 26.7 21.8 32.8
229 19.7 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 19.389 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:252 Resp: 115478
Ion Ratio Lower Upper
252 100
254 63.7 53.5 80.3
126 7.6 6.4 9.6





#83

Chrysene

Concen: 19.995 ng

RT: 14.080 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

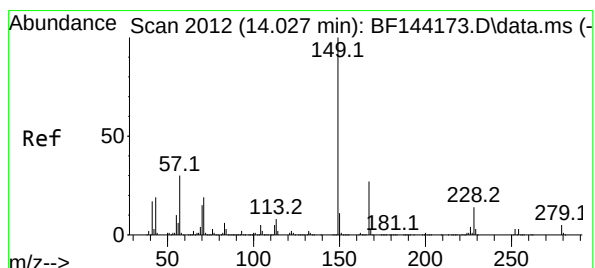
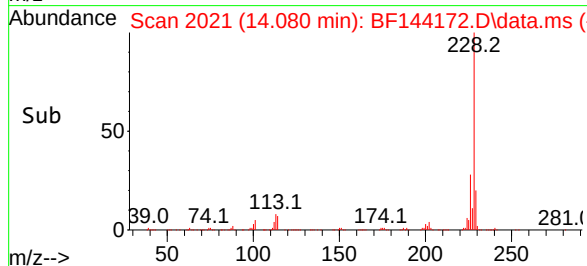
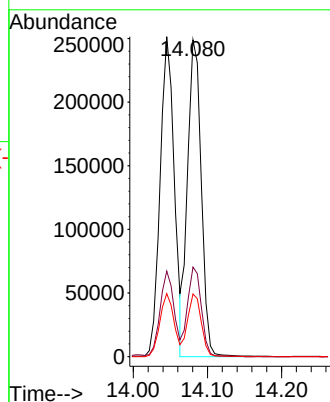
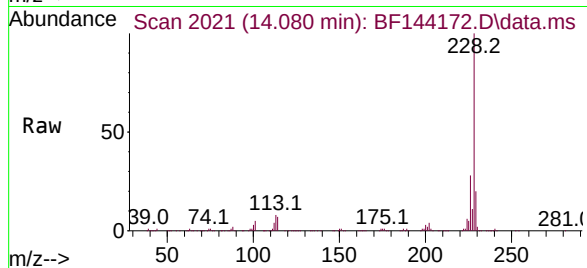
Tgt Ion:228 Resp: 320726

Ion Ratio Lower Upper

228 100

226 28.3 22.9 34.3

229 19.8 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 19.738 ng

RT: 14.027 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

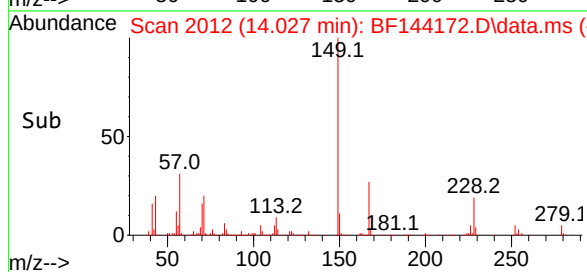
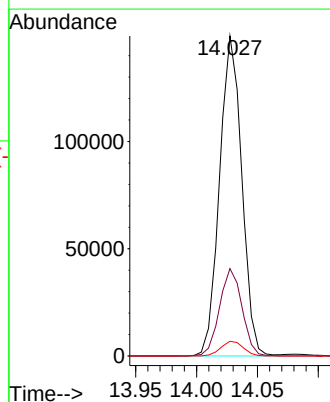
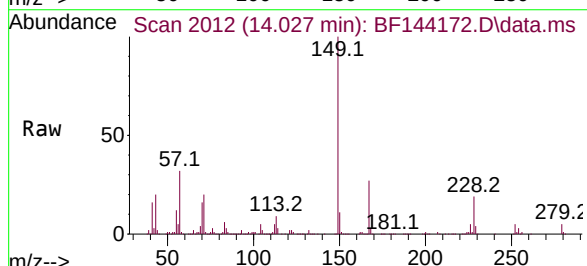
Tgt Ion:149 Resp: 189305

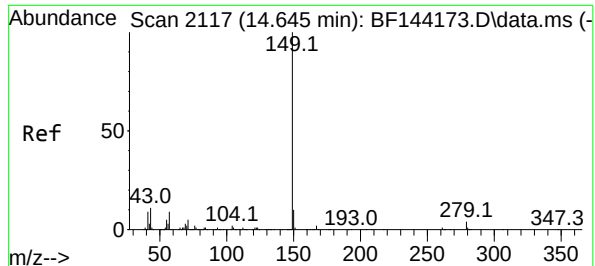
Ion Ratio Lower Upper

149 100

167 27.3 21.8 32.8

279 4.6 3.7 5.5

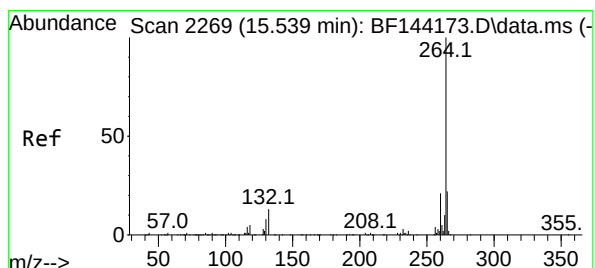
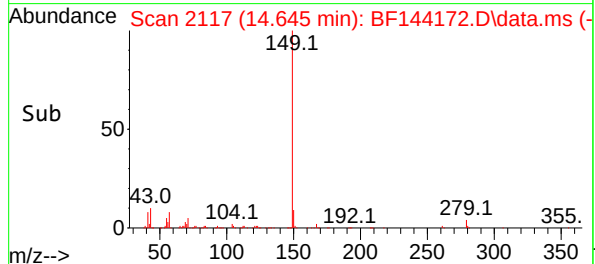
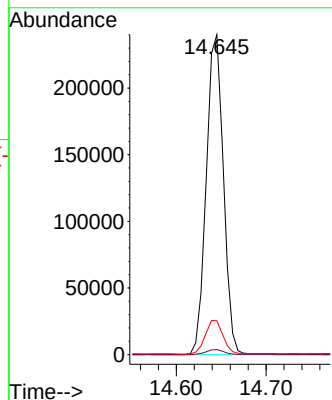
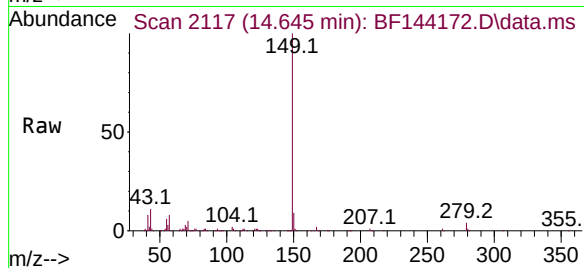




#85
Di-n-octyl phthalate
Concen: 19.268 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

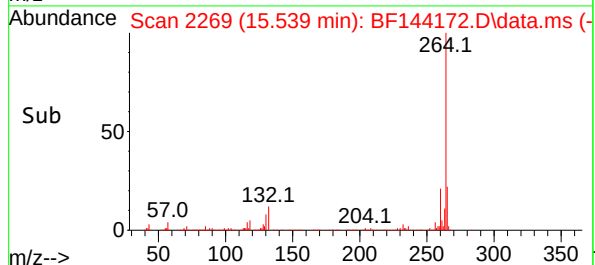
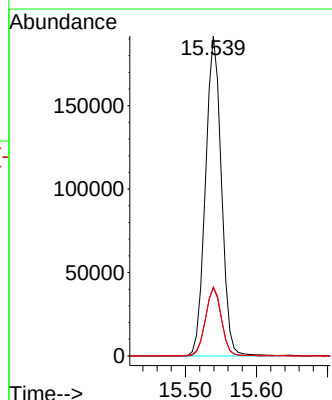
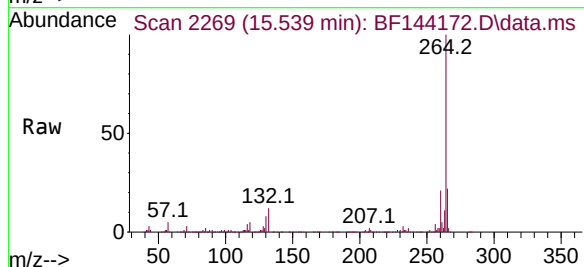
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

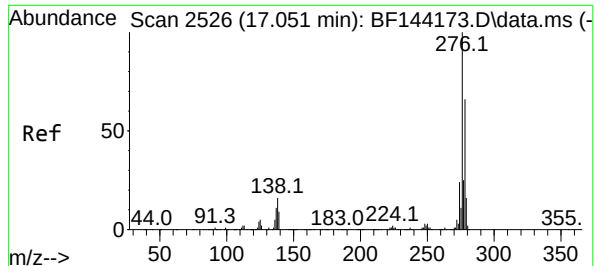
Tgt Ion:149 Resp: 318841
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 11.0 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:264 Resp: 297677
Ion Ratio Lower Upper
264 100
260 21.2 17.1 25.7
265 21.6 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 20.155 ng

RT: 17.045 min Scan# 21

Delta R.T. -0.017 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

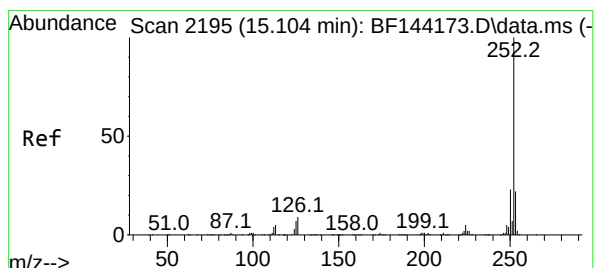
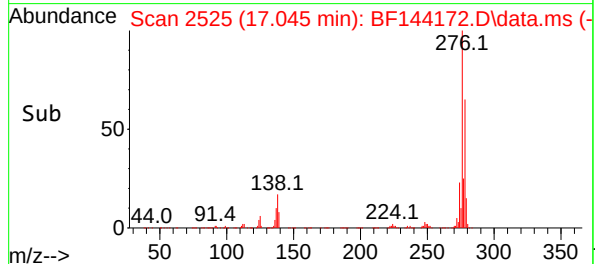
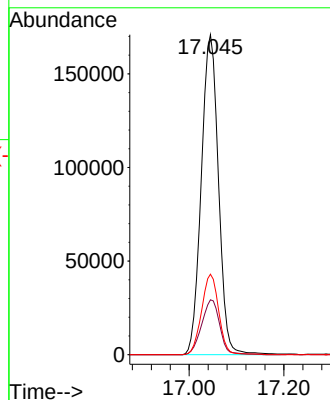
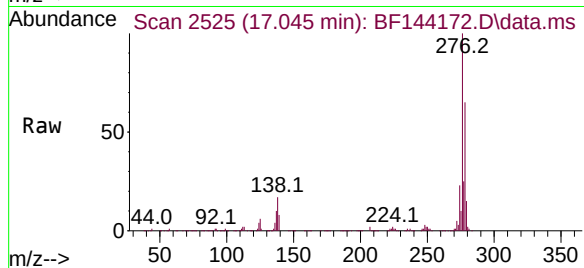
Tgt Ion:276 Resp: 430691

Ion Ratio Lower Upper

276 100

138 18.0 13.9 20.9

277 25.0 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 19.598 ng

RT: 15.104 min Scan# 2195

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

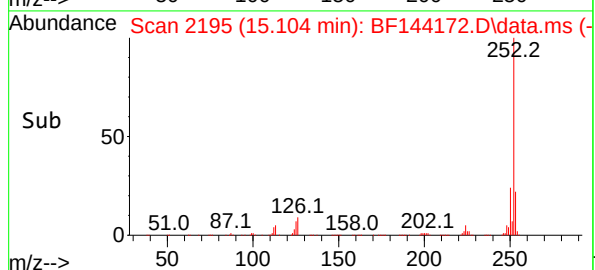
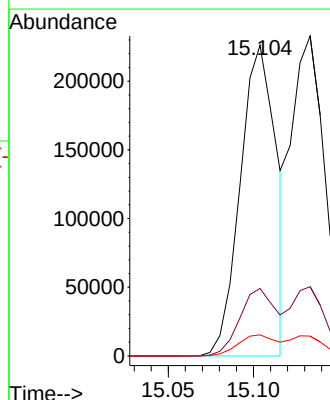
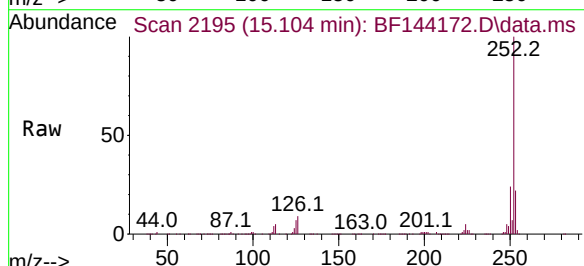
Tgt Ion:252 Resp: 331673

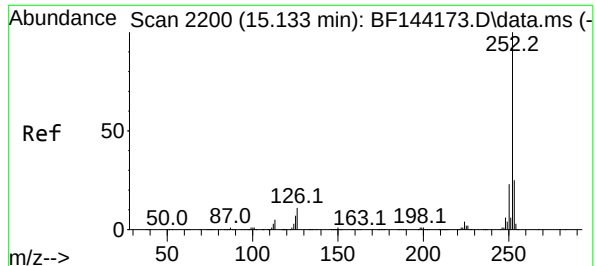
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 6.8 5.3 7.9





#89

Benzo(k)fluoranthene

Concen: 20.358 ng

RT: 15.133 min Scan# 2200

Delta R.T. -0.012 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

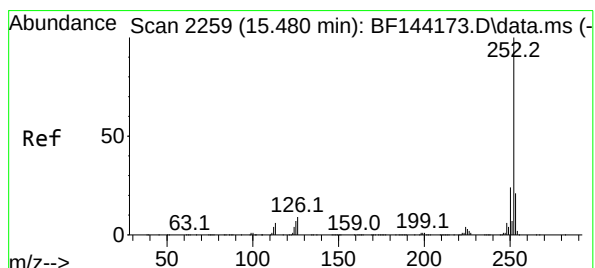
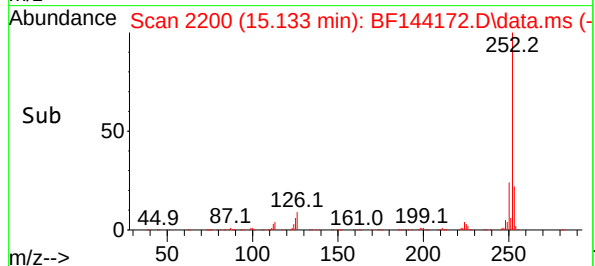
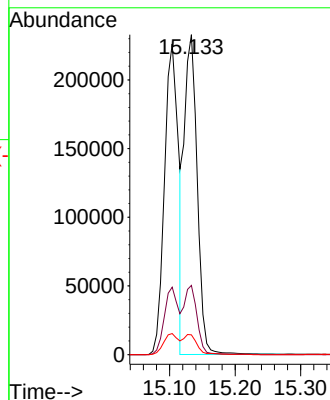
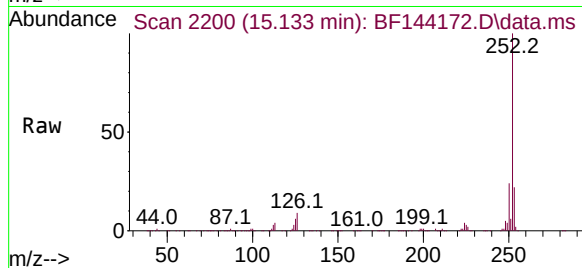
Tgt Ion:252 Resp: 322479

Ion Ratio Lower Upper

252 100

253 21.6 18.0 27.0

125 6.2 5.4 8.2



#90

Benzo(a)pyrene

Concen: 20.169 ng

RT: 15.474 min Scan# 2258

Delta R.T. -0.012 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

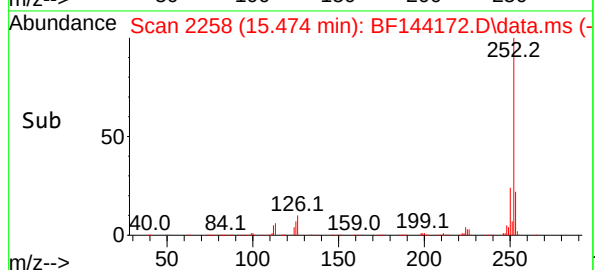
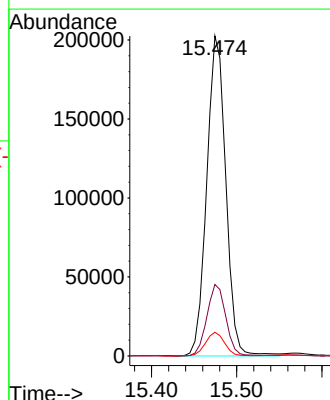
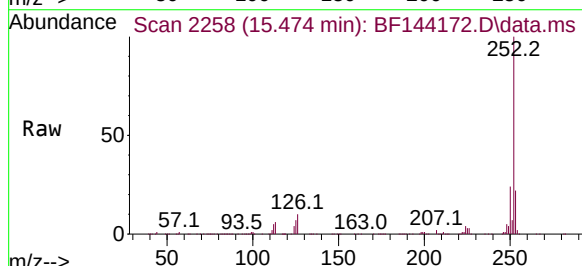
Tgt Ion:252 Resp: 314894

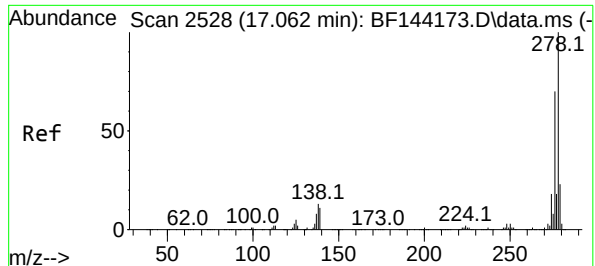
Ion Ratio Lower Upper

252 100

253 22.3 16.7 25.1

125 7.4 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 20.383 ng

RT: 17.057 min Scan# 21

Delta R.T. -0.023 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

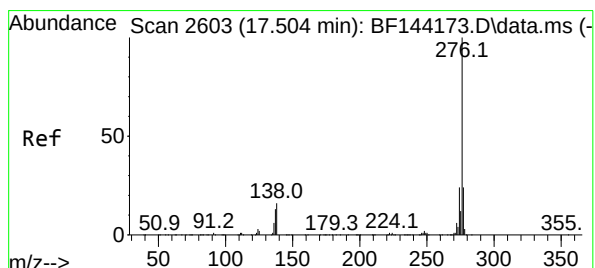
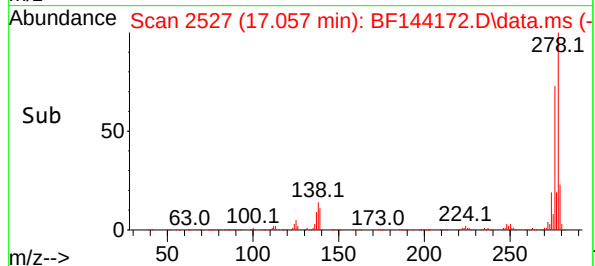
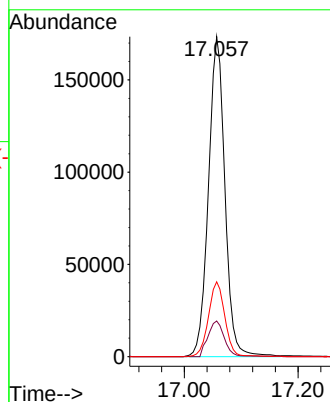
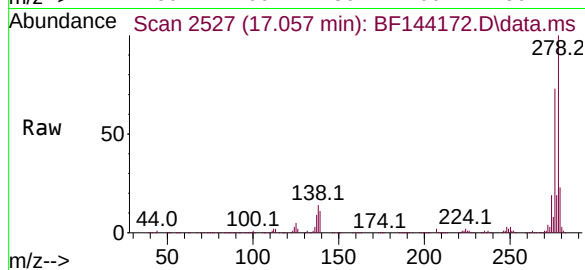
Tgt Ion:278 Resp: 349788

Ion Ratio Lower Upper

278 100

139 11.1 9.1 13.7

279 23.4 18.2 27.4



#92

Benzo(g,h,i)perylene

Concen: 20.248 ng

RT: 17.498 min Scan# 2602

Delta R.T. -0.023 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

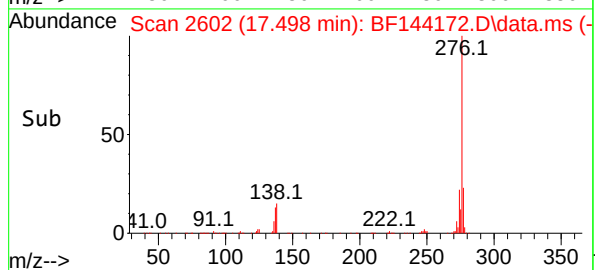
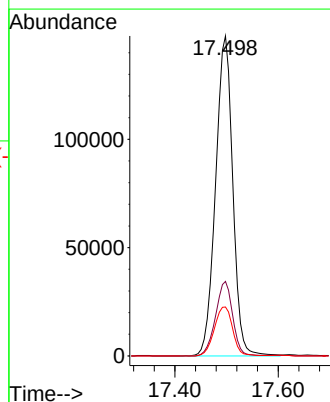
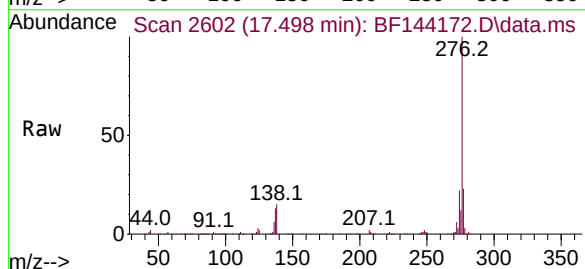
Tgt Ion:276 Resp: 343144

Ion Ratio Lower Upper

276 100

277 23.3 19.0 28.4

138 15.3 12.9 19.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144173.D
 Acq On : 05 Nov 2025 14:50
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: Nov 05 17:24:05 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	69901	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	262306	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	148823	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	257329	20.000	ng	0.00
76) Chrysene-d12	14.057	240	162650	20.000	ng	0.00
86) Perylene-d12	15.539	264	208923	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	367722	82.322	ng	0.00
7) Phenol-d6	6.504	99	408339	80.678	ng	0.00
23) Nitrobenzene-d5	7.440	82	377687	83.160	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	157795	84.493	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	803464	79.737	ng	0.00
79) Terphenyl-d14	12.992	244	856515	83.645	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.605	88	77384	41.903	ng	100
3) Pyridine	3.375	79	212533	41.251	ng	100
4) n-Nitrosodimethylamine	3.322	42	108374	40.269	ng	100
6) Aniline	6.540	93	288906	40.064	ng	100
8) 2-Chlorophenol	6.657	128	179075	40.879	ng	100
9) Benzaldehyde	6.428	77	114062	39.909	ng	100
10) Phenol	6.516	94	259703	41.997	ng	100
11) bis(2-Chloroethyl)ether	6.610	93	184041	40.844	ng	100
12) 1,3-Dichlorobenzene	6.816	146	215469	39.861	ng	100
13) 1,4-Dichlorobenzene	6.893	146	222488	41.084	ng	100
14) 1,2-Dichlorobenzene	7.045	146	207631	40.001	ng	100
15) Benzyl Alcohol	7.016	79	162316	40.501	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.145	45	338078	40.743	ng	100
17) 2-Methylphenol	7.128	107	144386	41.431	ng	100
18) Hexachloroethane	7.387	117	74377	41.339	ng	100
19) n-Nitroso-di-n-propyla...	7.287	70	132769	39.848	ng	100
20) 3+4-Methylphenols	7.281	107	169917	41.361	ng	100
22) Acetophenone	7.287	105	227627	40.452	ng	100
24) Nitrobenzene	7.457	77	203520	41.272	ng	100
25) Isophorone	7.692	82	352919	41.082	ng	100
26) 2-Nitrophenol	7.775	139	103181	42.269	ng	100
27) 2,4-Dimethylphenol	7.810	122	156535	42.784	ng	100
28) bis(2-Chloroethoxy)met...	7.904	93	221900	41.364	ng	100
29) 2,4-Dichlorophenol	8.016	162	173779	41.210	ng	100
30) 1,2,4-Trichlorobenzene	8.098	180	176777	40.825	ng	100
31) Naphthalene	8.181	128	508521	40.755	ng	100
32) Benzoic acid	7.916	122	94209	35.128	ng	100
33) 4-Chloroaniline	8.228	127	190054	41.763	ng	100
34) Hexachlorobutadiene	8.292	225	135990	41.671	ng	100
35) Caprolactam	8.598	113	48459	41.945	ng	100
36) 4-Chloro-3-methylphenol	8.710	107	155844	41.237	ng	100
37) 2-Methylnaphthalene	8.869	142	339639	40.712	ng	100
38) 1-Methylnaphthalene	8.969	142	325483	40.435	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	200998	41.210	ng	100
41) Hexachlorocyclopentadiene	9.022	237	59520	39.991	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	135691	40.875	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144173.D
 Acq On : 05 Nov 2025 14:50
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: Nov 05 17:24:05 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

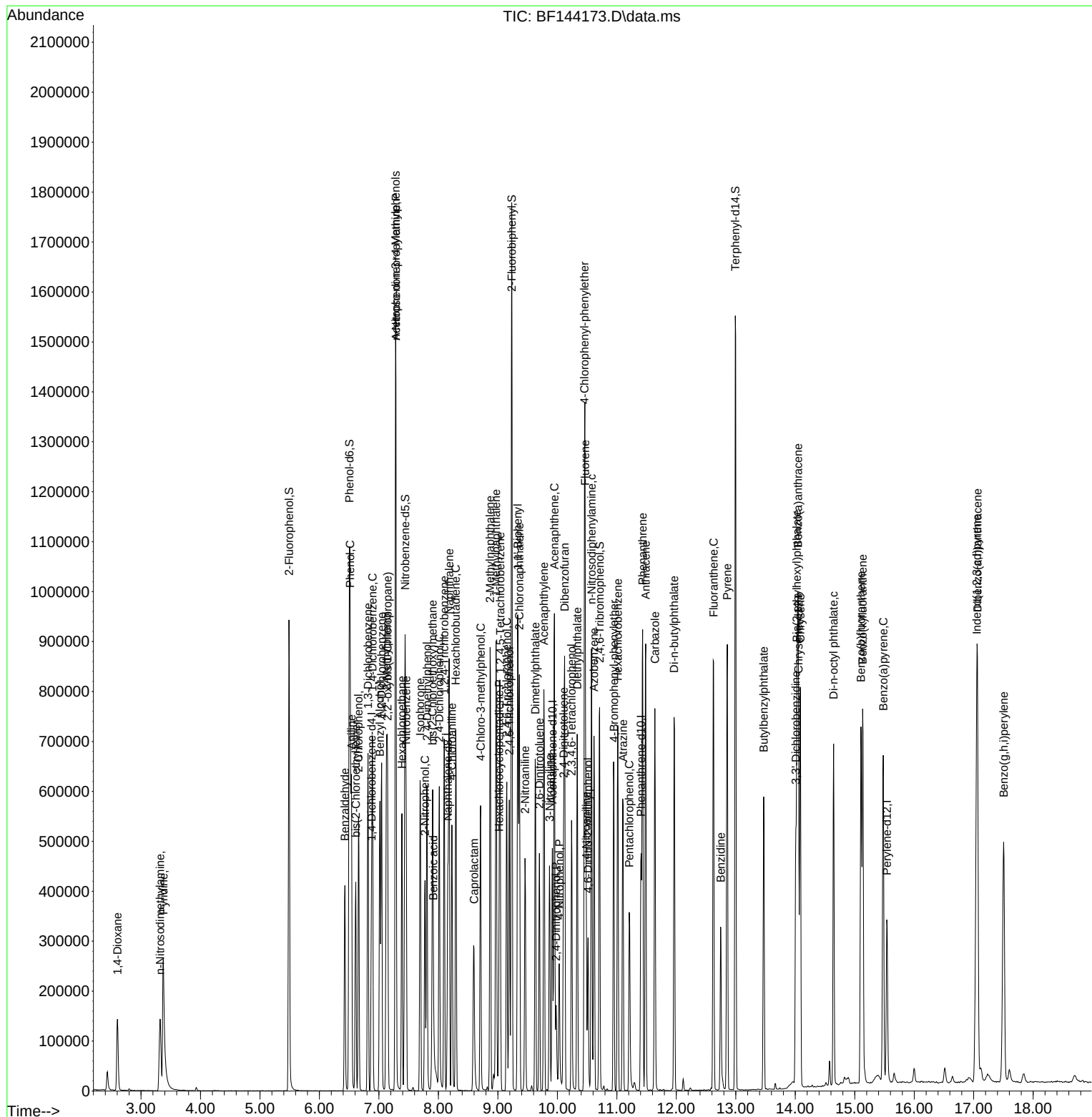
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	145405	40.641	ng	100
46) 1,1'-Biphenyl	9.334	154	419119	40.345	ng	100
47) 2-Chloronaphthalene	9.363	162	358514	40.458	ng	100
48) 2-Nitroaniline	9.457	65	107536	42.059	ng	100
49) Acenaphthylene	9.775	152	489708	40.553	ng	100
50) Dimethylphthalate	9.628	163	400479	40.620	ng	100
51) 2,6-Dinitrotoluene	9.698	165	82166	41.169	ng	100
52) Acenaphthene	9.951	154	326285	40.406	ng	100
53) 3-Nitroaniline	9.869	138	93636	42.918	ng	100
54) 2,4-Dinitrophenol	9.981	184	41716	34.614	ng	100
55) Dibenzofuran	10.122	168	461538	40.810	ng	100
56) 4-Nitrophenol	10.034	139	60643	38.426	ng	100
57) 2,4-Dinitrotoluene	10.104	165	114508	42.858	ng	100
58) Fluorene	10.469	166	351182	40.841	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	106411	42.037	ng	100
60) Diethylphthalate	10.334	149	373187	41.061	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	203750	41.598	ng	100
62) 4-Nitroaniline	10.486	138	85679	41.237	ng	100
63) Azobenzene	10.616	77	346367	40.948	ng	100
65) 4,6-Dinitro-2-methylph...	10.516	198	67029	38.343	ng	100
66) n-Nitrosodiphenylamine	10.575	169	332623	40.189	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	135319	41.198	ng	100
68) Hexachlorobenzene	11.016	284	154532	39.943	ng	100
69) Atrazine	11.104	200	105912	40.239	ng	100
70) Pentachlorophenol	11.210	266	80306	41.685	ng	100
71) Phenanthrene	11.433	178	519052	40.513	ng	100
72) Anthracene	11.486	178	525954	40.372	ng	100
73) Carbazole	11.639	167	451935	40.796	ng	100
74) Di-n-butylphthalate	11.963	149	550628	41.117	ng	100
75) Fluoranthene	12.627	202	542525	40.992	ng	100
77) Benzidine	12.745	184	202921	42.178	ng	100
78) Pyrene	12.857	202	554374	42.272	ng	100
80) Butylbenzylphthalate	13.469	149	191850	42.209	ng	100
81) Benzo(a)anthracene	14.045	228	465201	41.267	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	156957	40.620	ng	100
83) Chrysene	14.086	228	456347	43.853	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	265384	42.651	ng	100
85) Di-n-octyl phthalate	14.645	149	458823	42.739	ng	100
87) Indeno(1,2,3-cd)pyrene	17.051	276	620668	41.385	ng	100
88) Benzo(b)fluoranthene	15.104	252	515192	43.375	ng	100
89) Benzo(k)fluoranthene	15.133	252	435087	39.135	ng	100
90) Benzo(a)pyrene	15.480	252	449869	41.055	ng	100
91) Dibenzo(a,h)anthracene	17.062	278	500778	41.578	ng	100
92) Benzo(g,h,i)perylene	17.504	276	497680	41.843	ng	100

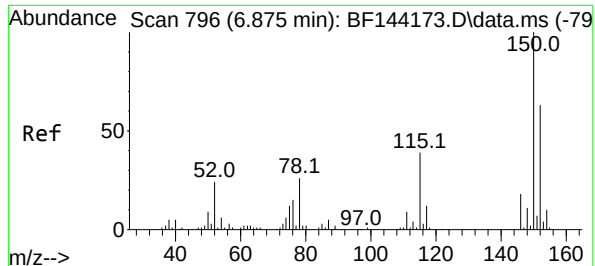
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF144173.D  
Acq On    : 05 Nov 2025  14:50  
Operator  : RC/JU  
Sample    : SSTDICCC040  
Misc      :  
ALS Vial  : 6    Sample Multiplier: 1
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Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Nov 05 17:24:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

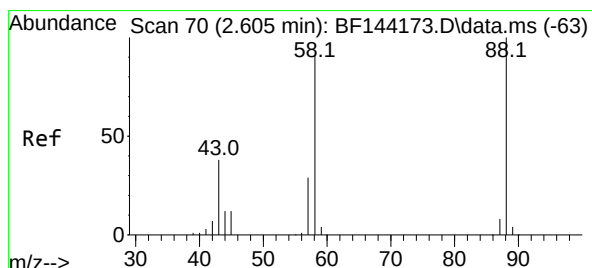
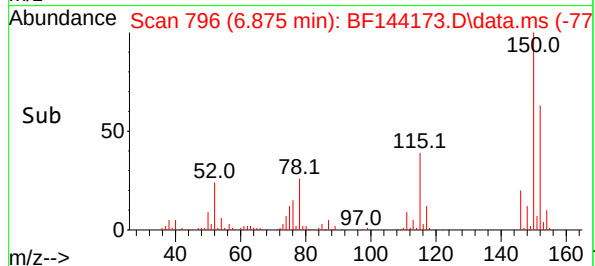
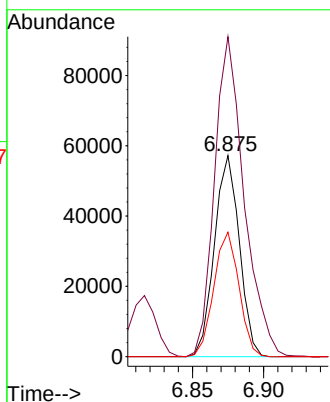
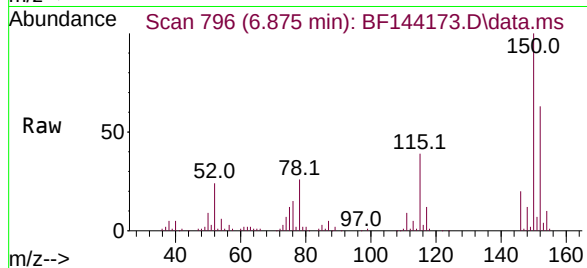




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

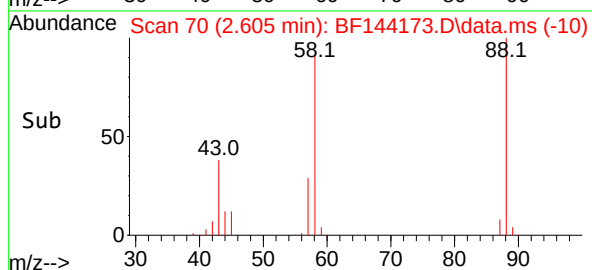
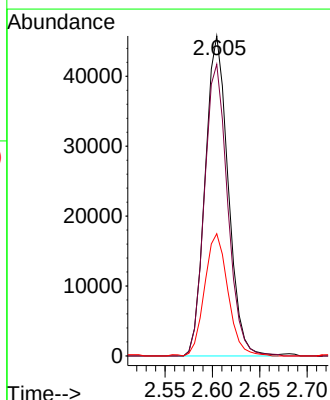
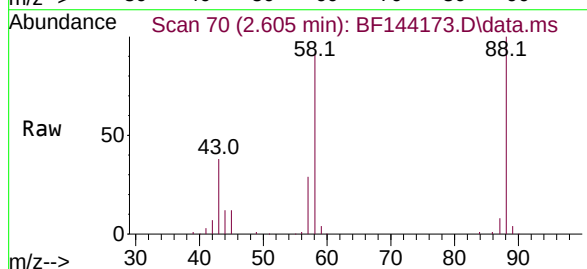
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

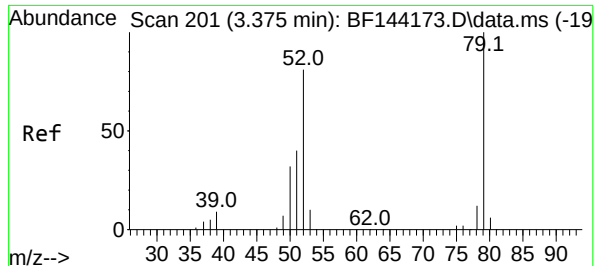
Tgt Ion:152 Resp: 69901
Ion Ratio Lower Upper
152 100
150 159.2 127.4 191.0
115 61.9 49.5 74.3



#2
1,4-Dioxane
Concen: 41.903 ng
RT: 2.605 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion: 88 Resp: 77384
Ion Ratio Lower Upper
88 100
58 91.4 73.1 109.7
43 38.8 31.0 46.6





#3

Pyridine

Concen: 41.251 ng

RT: 3.375 min Scan# 201

Delta R.T. 0.000 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

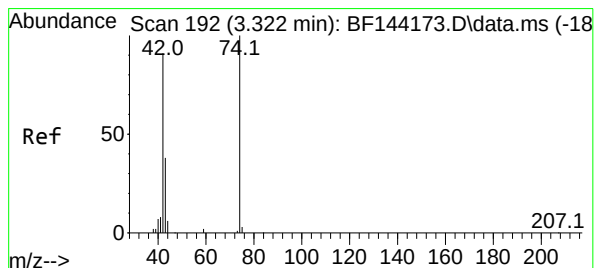
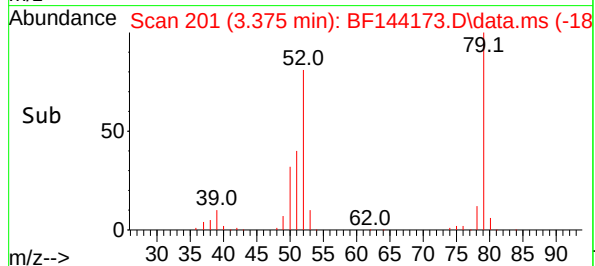
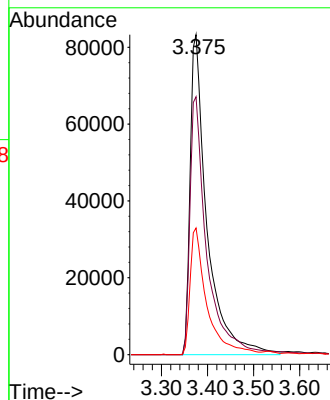
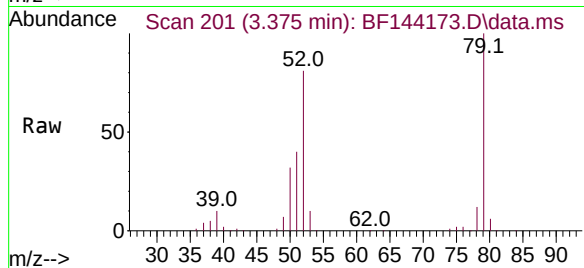
Tgt Ion: 79 Resp: 212533

Ion Ratio Lower Upper

79 100

52 80.6 64.5 96.7

51 39.6 31.7 47.5



#4

n-Nitrosodimethylamine

Concen: 40.269 ng

RT: 3.322 min Scan# 192

Delta R.T. -0.023 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

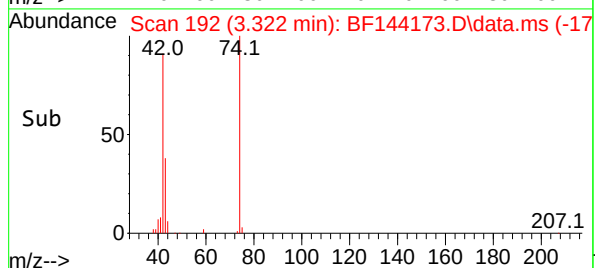
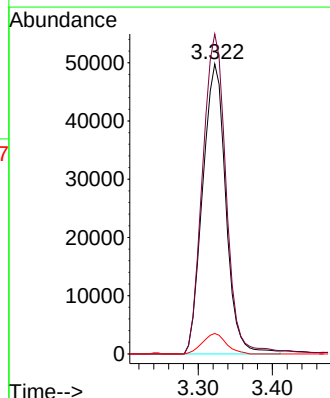
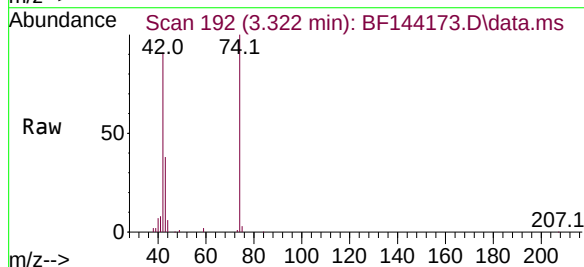
Tgt Ion: 42 Resp: 108374

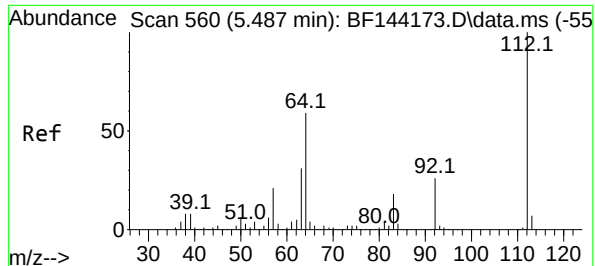
Ion Ratio Lower Upper

42 100

74 110.3 88.2 132.4

44 7.1 5.7 8.5

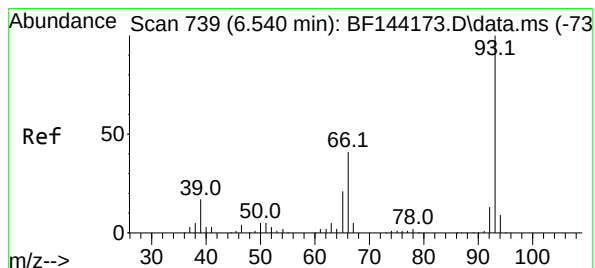
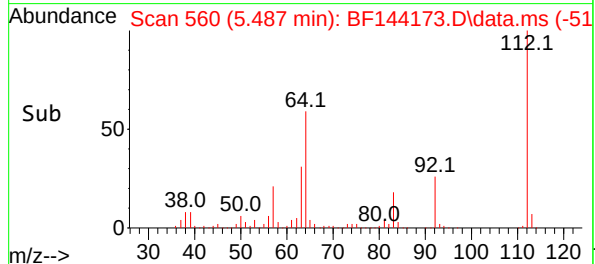
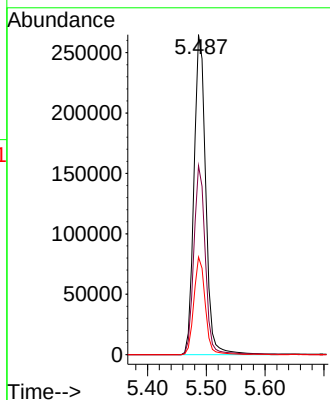
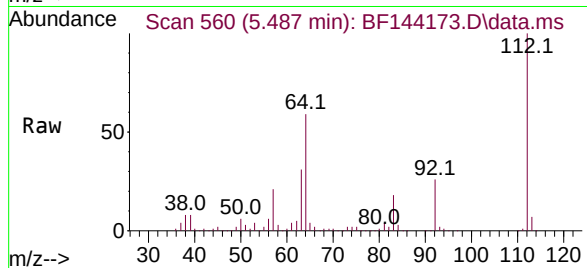




#5
2-Fluorophenol
Concen: 82.322 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

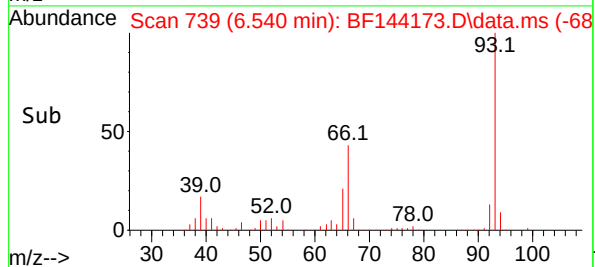
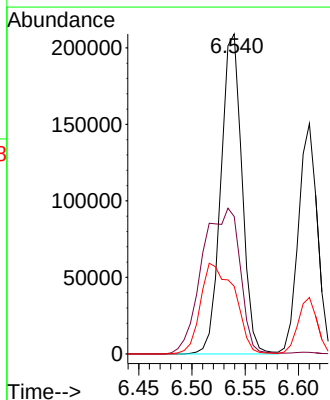
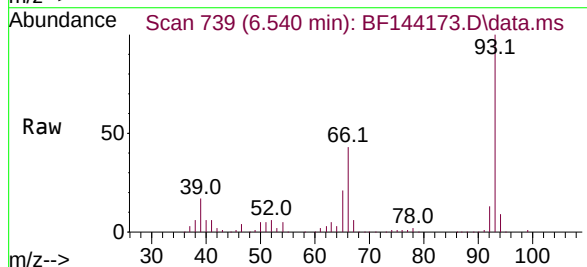
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

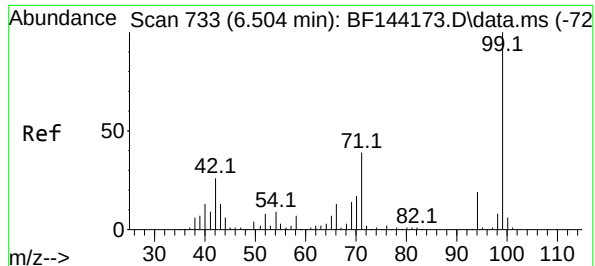
Tgt Ion:112 Resp: 367722
Ion Ratio Lower Upper
112 100
64 59.0 47.2 70.8
63 30.5 24.4 36.6



#6
Aniline
Concen: 40.064 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion: 93 Resp: 288906
Ion Ratio Lower Upper
93 100
66 42.9 34.3 51.5
65 21.1 16.9 25.3

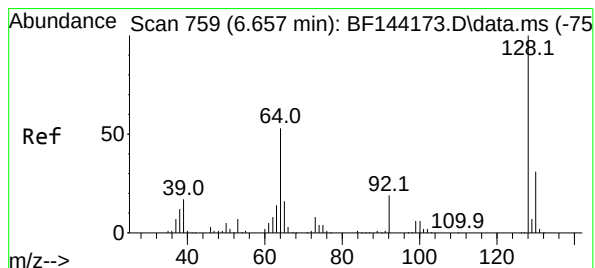
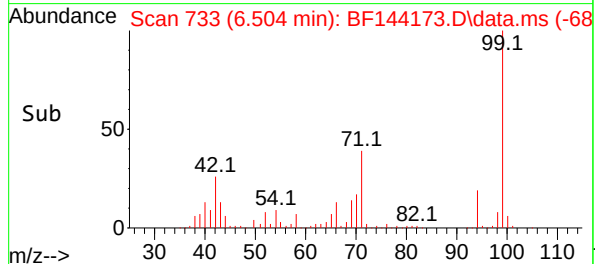
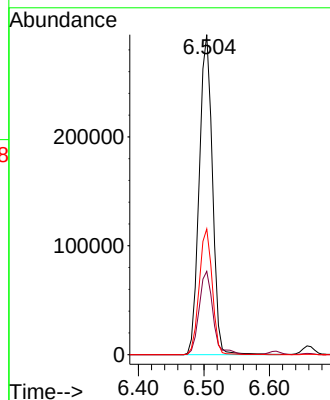
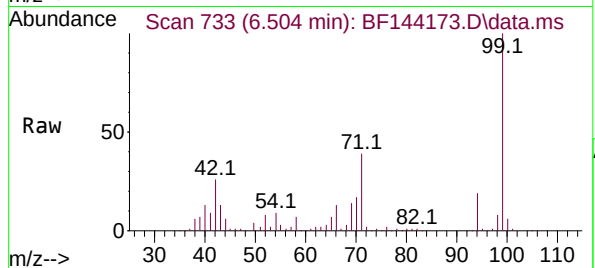




#7
Phenol-d6
Concen: 80.678 ng
RT: 6.504 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

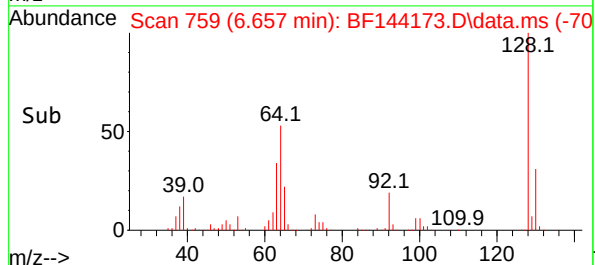
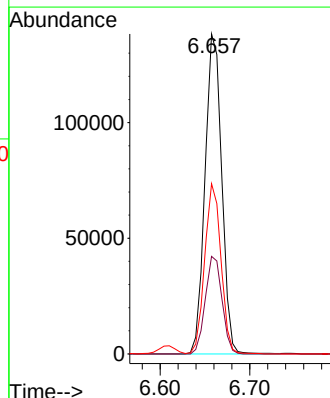
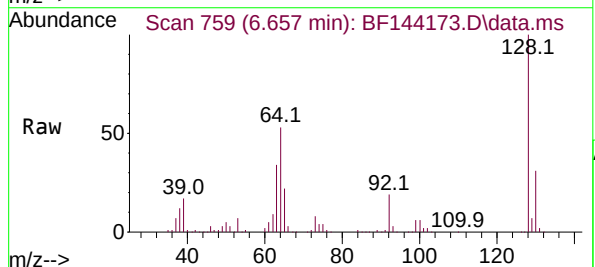
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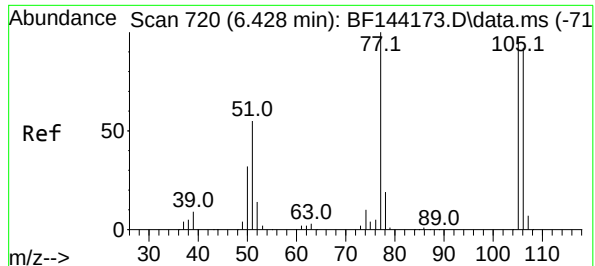
Tgt Ion: 99 Resp: 408339
Ion Ratio Lower Upper
99 100
42 26.1 20.9 31.3
71 39.3 31.4 47.2



#8
2-Chlorophenol
Concen: 40.879 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion: 128 Resp: 179075
Ion Ratio Lower Upper
128 100
130 30.5 10.5 50.5
64 53.2 33.2 73.2





#9

Benzaldehyde

Concen: 39.909 ng

RT: 6.428 min Scan# 720

Delta R.T. 0.000 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

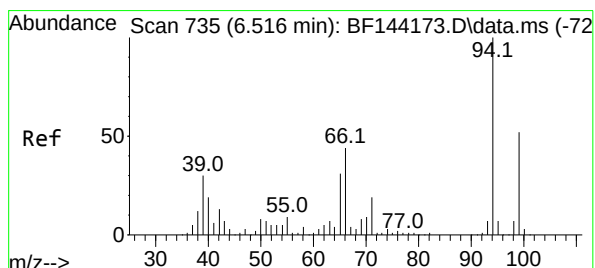
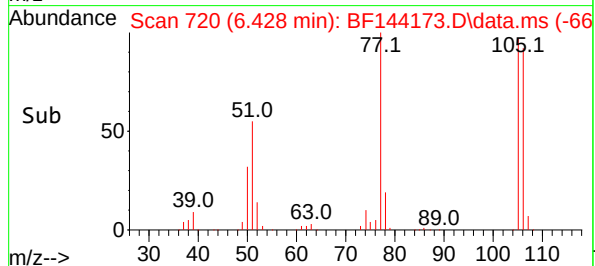
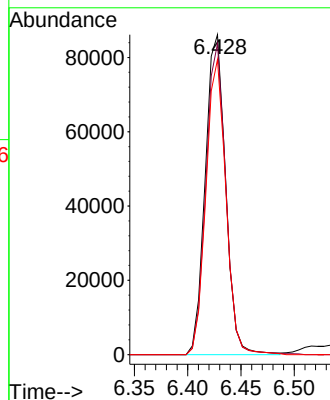
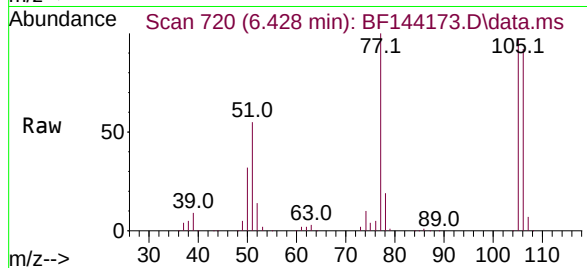
Tgt Ion: 77 Resp: 114062

Ion Ratio Lower Upper

77 100

105 97.2 77.2 117.2

106 92.2 72.2 112.2



#10

Phenol

Concen: 41.997 ng

RT: 6.516 min Scan# 735

Delta R.T. -0.012 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

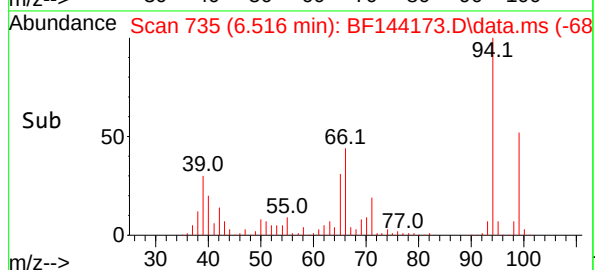
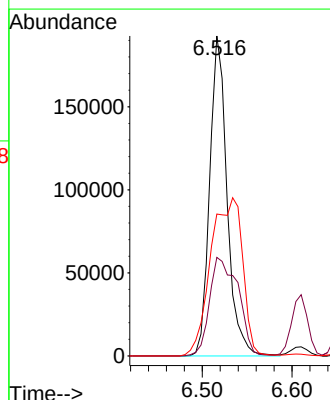
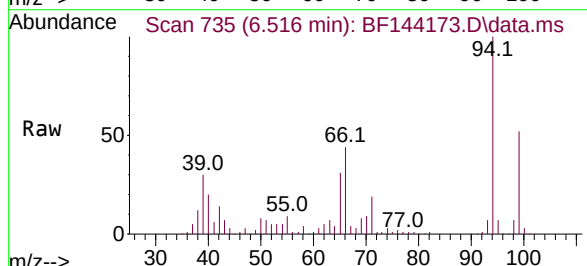
Tgt Ion: 94 Resp: 259703

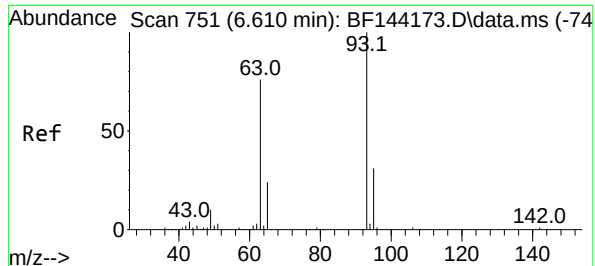
Ion Ratio Lower Upper

94 100

65 30.8 10.8 50.8

66 44.3 24.3 64.3

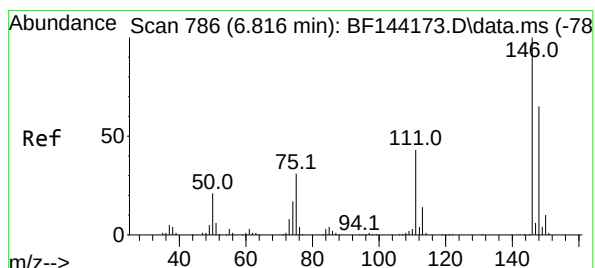
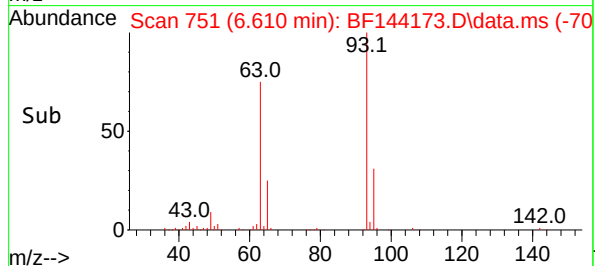
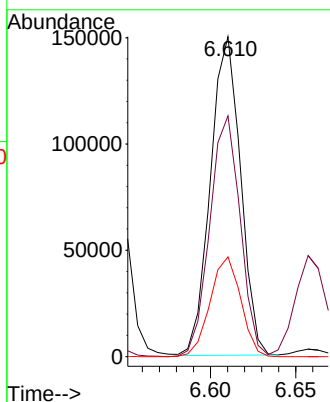
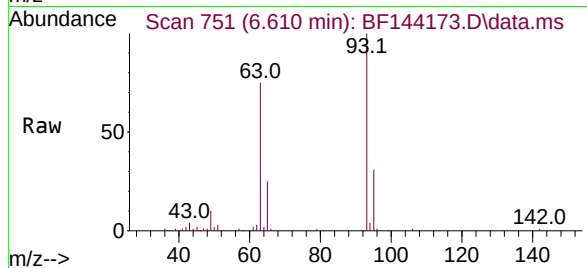




#11
bis(2-Chloroethyl)ether
Concen: 40.844 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

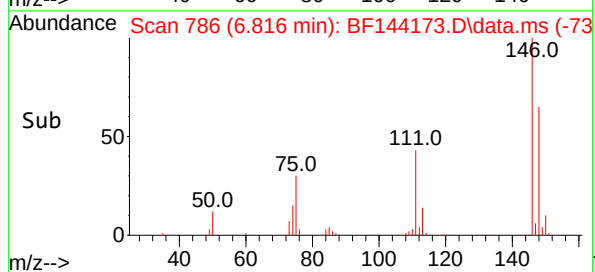
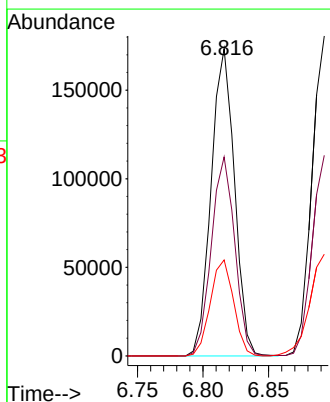
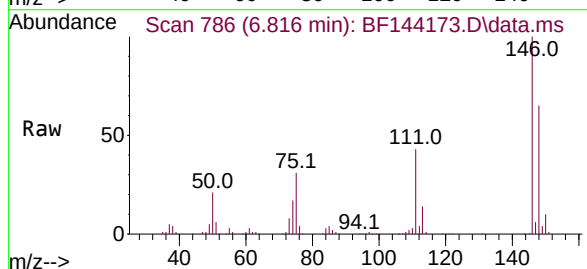
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

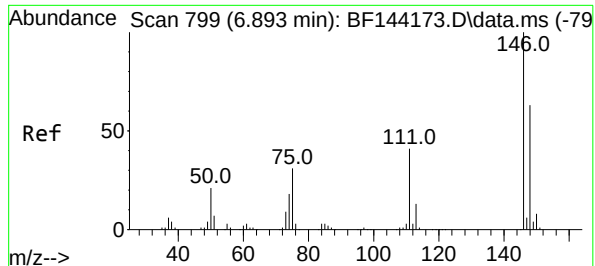
Tgt Ion: 93 Resp: 184041
Ion Ratio Lower Upper
93 100
63 75.2 55.2 95.2
95 31.2 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 39.861 ng
RT: 6.816 min Scan# 786
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:146 Resp: 215469
Ion Ratio Lower Upper
146 100
148 64.8 51.8 77.8
75 31.2 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 41.084 ng

RT: 6.893 min Scan# 799

Delta R.T. 0.000 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

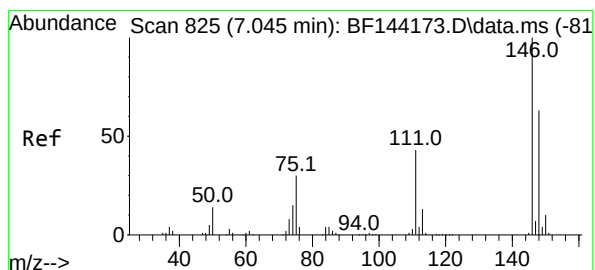
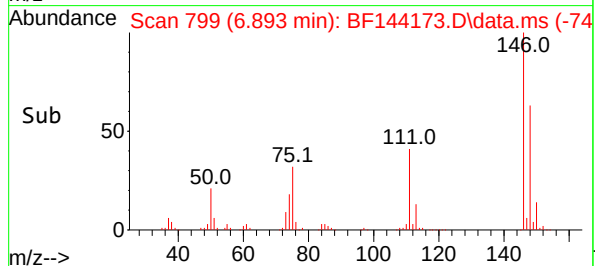
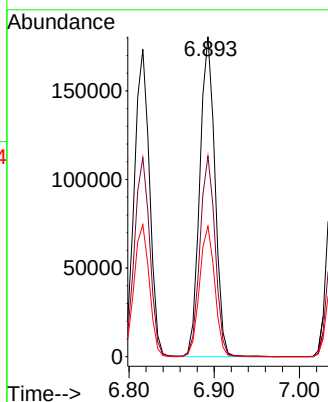
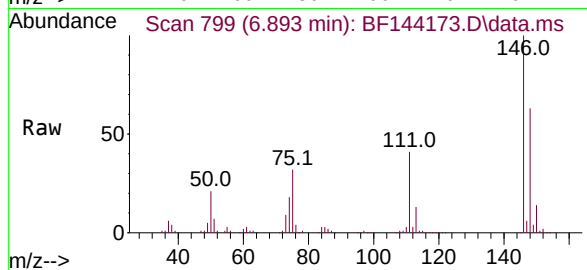
Tgt Ion:146 Resp: 222488

Ion Ratio Lower Upper

146 100

148 62.7 50.2 75.2

111 40.7 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 40.001 ng

RT: 7.045 min Scan# 825

Delta R.T. 0.000 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

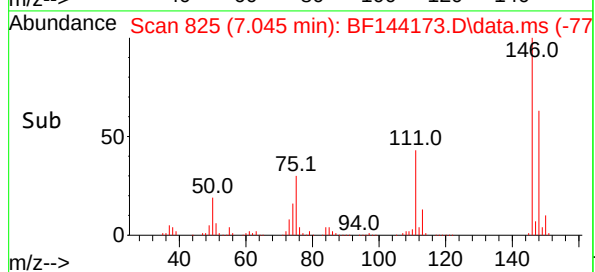
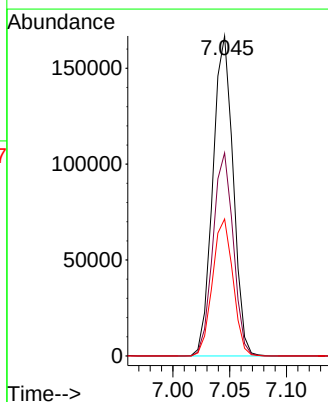
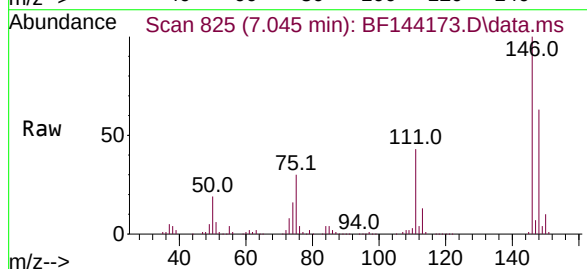
Tgt Ion:146 Resp: 207631

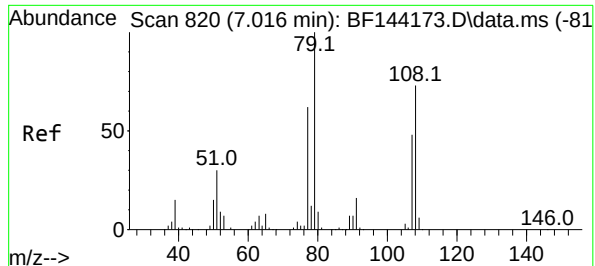
Ion Ratio Lower Upper

146 100

148 63.4 50.7 76.1

111 42.8 34.2 51.4

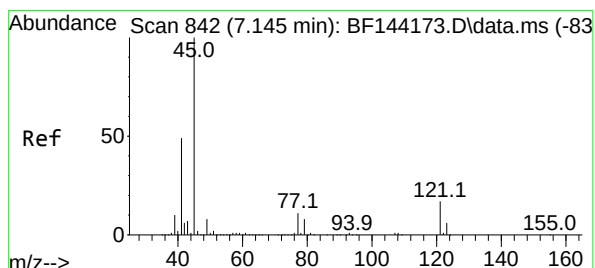
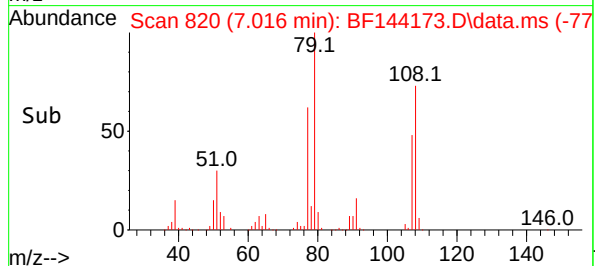
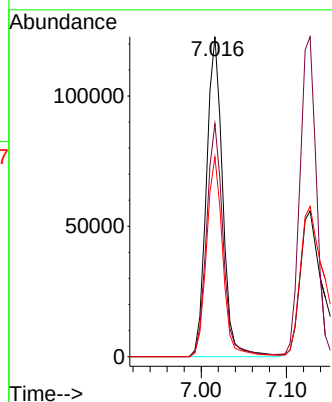
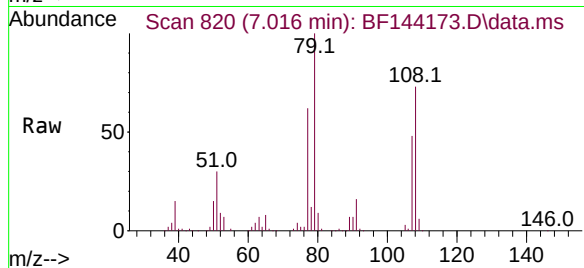




#15
Benzyl Alcohol
Concen: 40.501 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

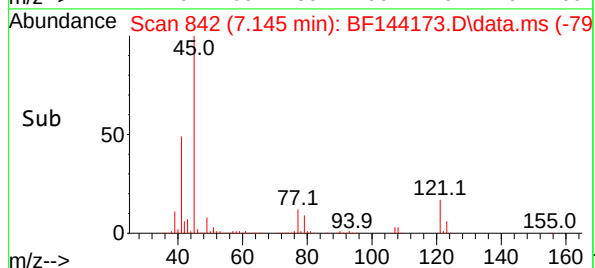
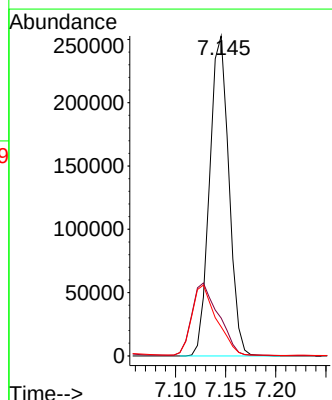
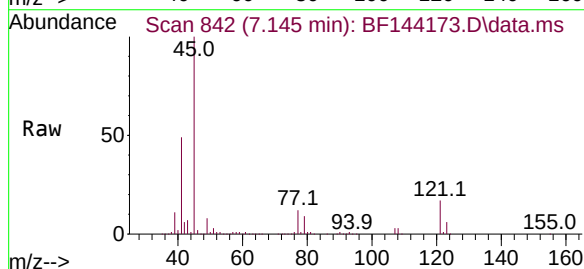
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

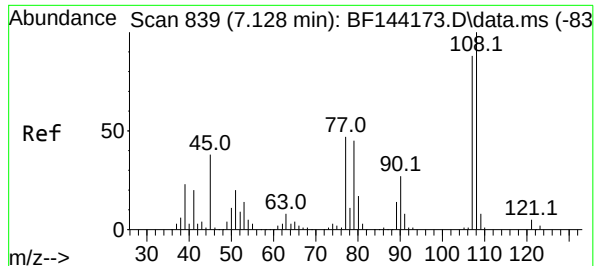
Tgt Ion: 79 Resp: 162316
Ion Ratio Lower Upper
79 100
108 72.8 58.2 87.4
77 62.4 49.9 74.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.743 ng
RT: 7.145 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion: 45 Resp: 338078
Ion Ratio Lower Upper
45 100
77 11.8 0.0 31.8
79 9.1 0.0 29.1

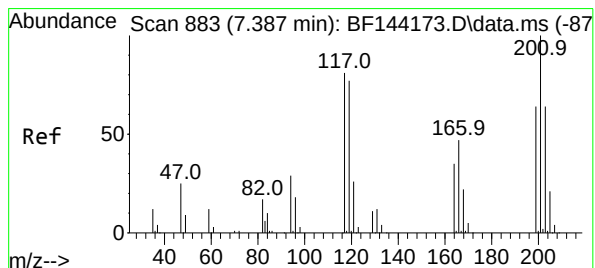
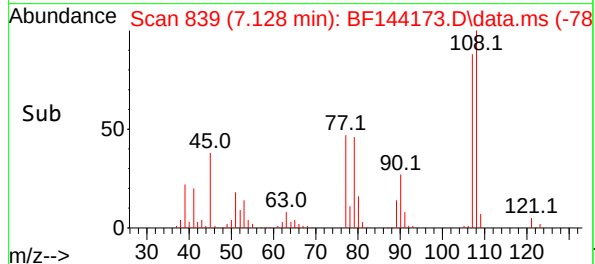
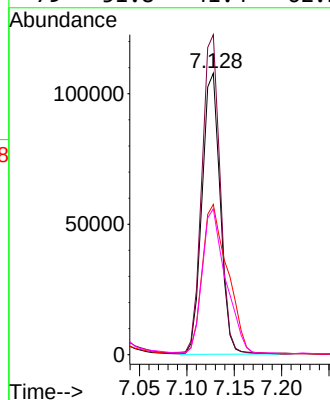
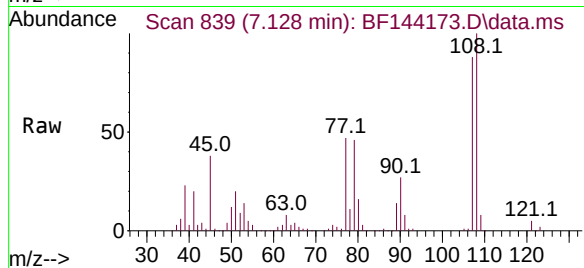




#17
2-Methylphenol
Concen: 41.431 ng
RT: 7.128 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

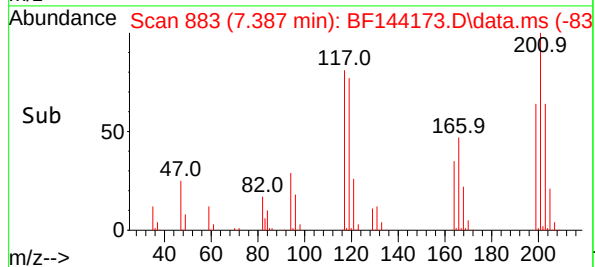
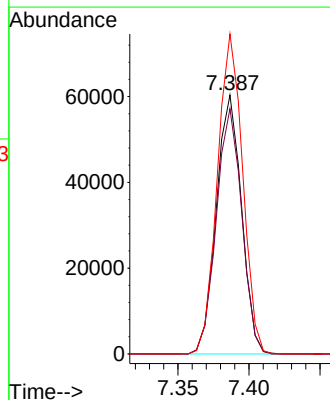
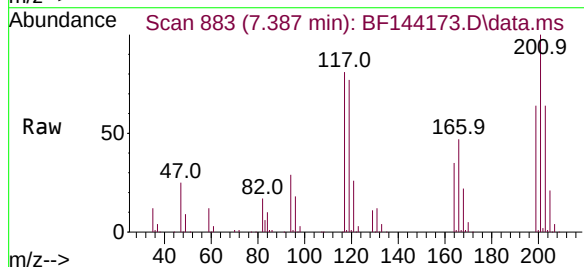
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

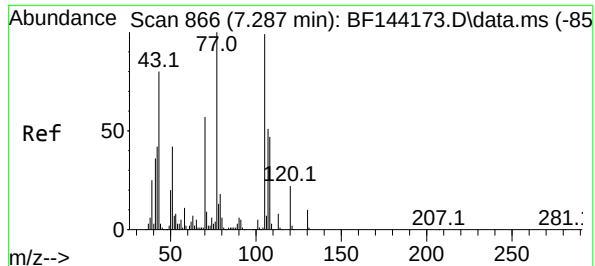
Tgt Ion:	107	Resp:	144386
Ion	Ratio	Lower	Upper
107	100		
108	113.7	91.0	136.4
77	53.4	42.7	64.1
79	51.8	41.4	62.2



#18
Hexachloroethane
Concen: 41.339 ng
RT: 7.387 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:	117	Resp:	74377
Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.8	113.8
201	123.6	98.9	148.3

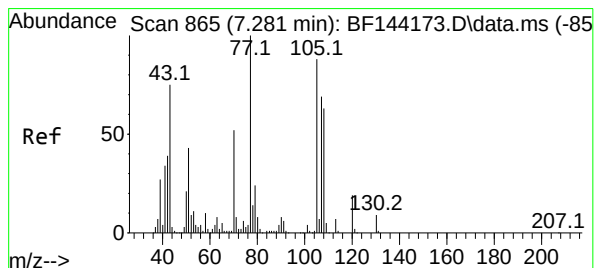
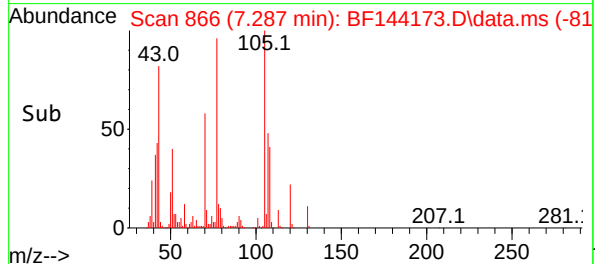
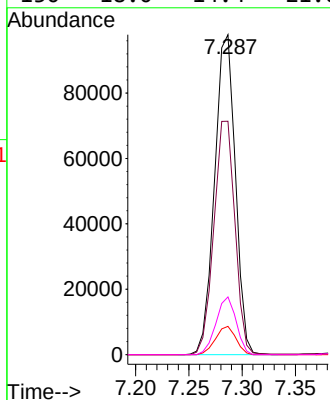
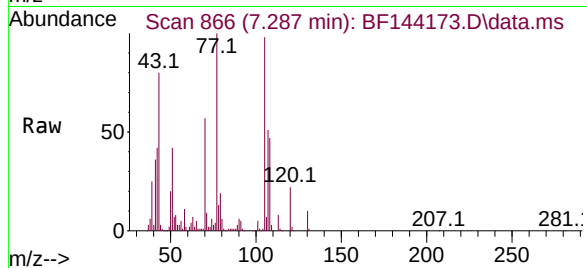




#19
n-Nitroso-di-n-propylamine
Concen: 39.848 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.012 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

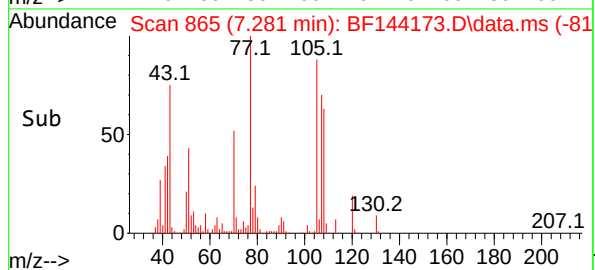
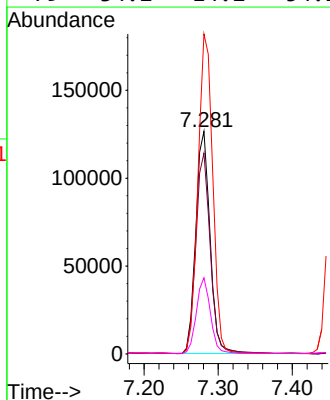
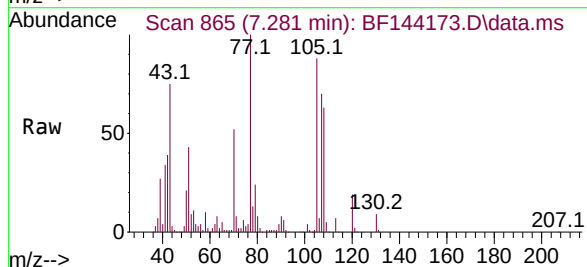
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

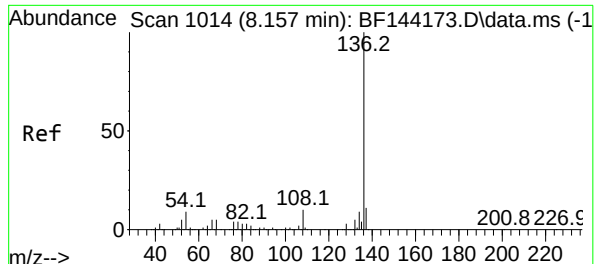
Tgt Ion: 70 Resp: 132769
Ion Ratio Lower Upper
70 100
42 72.9 58.3 87.5
101 8.8 7.0 10.6
130 18.0 14.4 21.6



#20
3+4-Methylphenols
Concen: 41.361 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion: 107 Resp: 169917
Ion Ratio Lower Upper
107 100
108 90.2 70.2 110.2
77 143.9 123.9 163.9
79 34.2 14.2 54.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1014

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:136 Resp: 262306

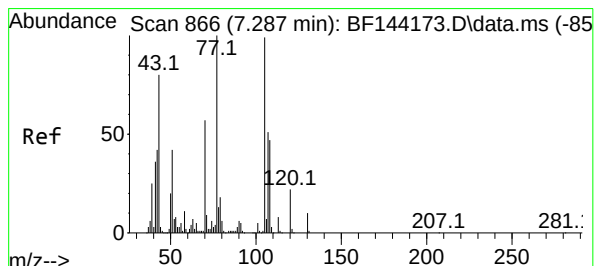
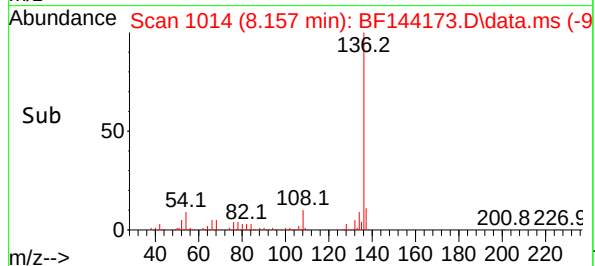
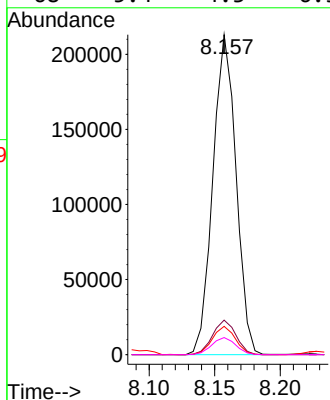
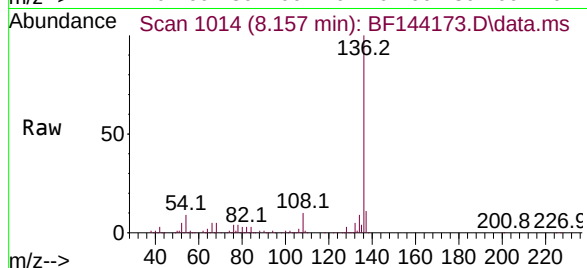
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 8.8 7.0 10.6

68 5.4 4.3 6.5



#22

Acetophenone

Concen: 40.452 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Tgt Ion:105 Resp: 227627

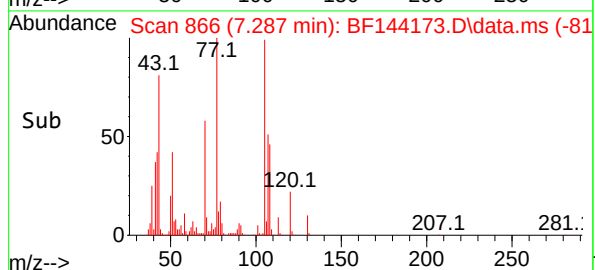
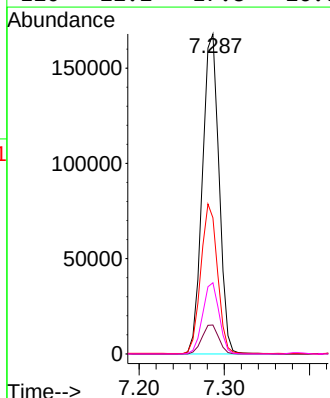
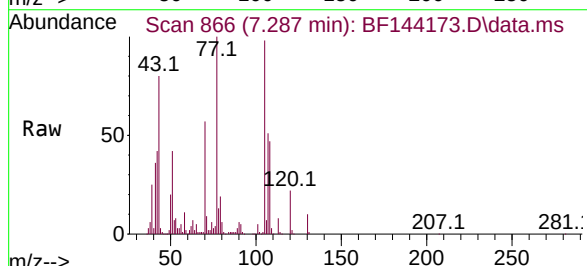
Ion Ratio Lower Upper

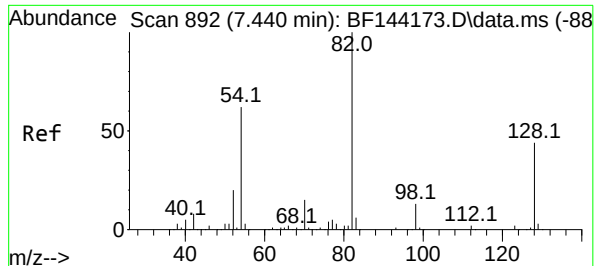
105 100

71 9.0 7.2 10.8

51 42.5 34.0 51.0

120 22.2 17.8 26.6





#23

Nitrobenzene-d5

Concen: 83.160 ng

RT: 7.440 min Scan# 892

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

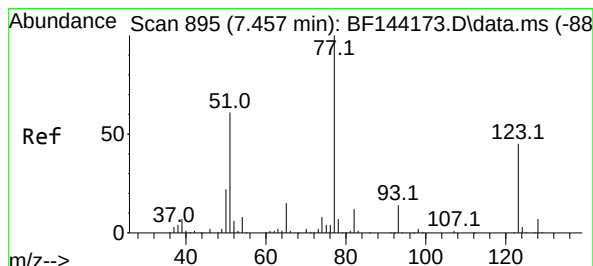
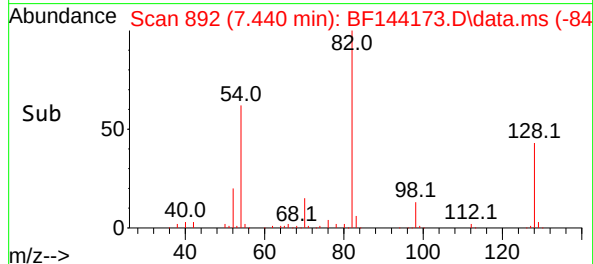
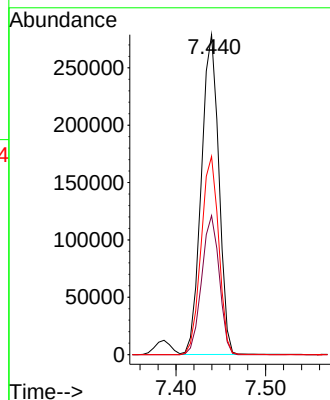
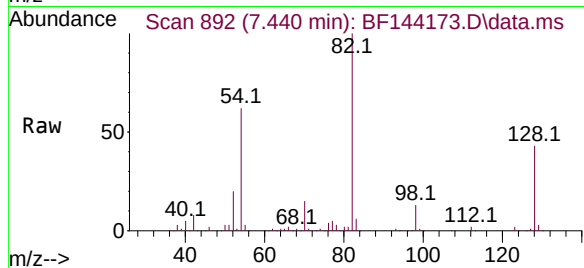
Tgt Ion: 82 Resp: 377687

Ion Ratio Lower Upper

82 100

128 43.4 34.7 52.1

54 61.9 49.5 74.3



#24

Nitrobenzene

Concen: 41.272 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

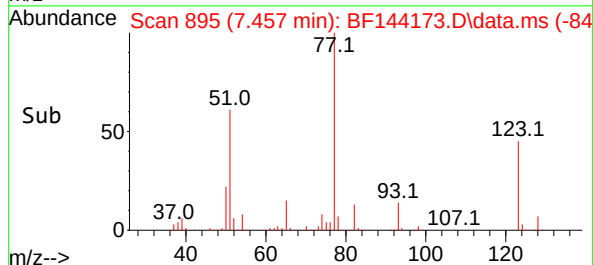
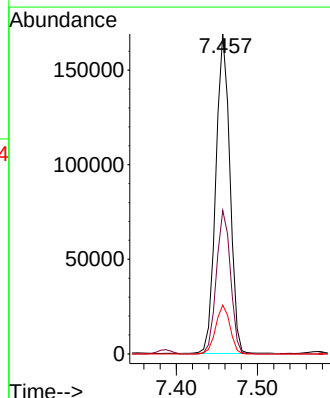
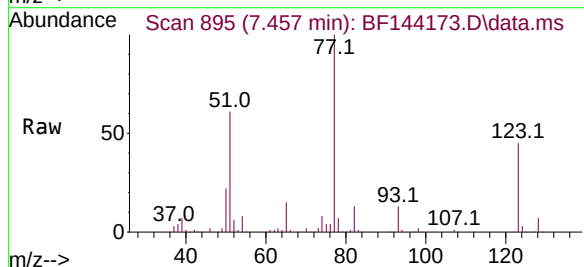
Tgt Ion: 77 Resp: 203520

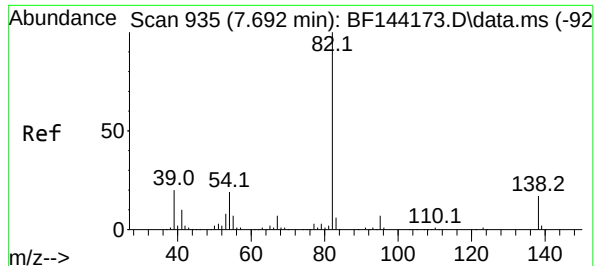
Ion Ratio Lower Upper

77 100

123 44.8 35.8 53.8

65 15.2 12.2 18.2





#25

Isophorone

Concen: 41.082 ng

RT: 7.692 min Scan# 935

Delta R.T. -0.012 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

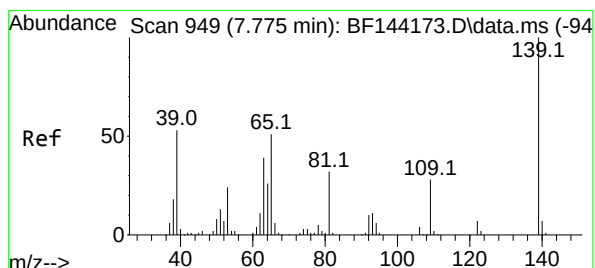
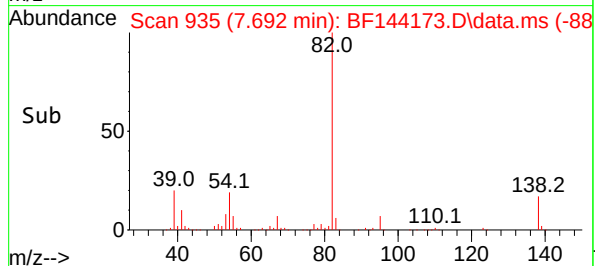
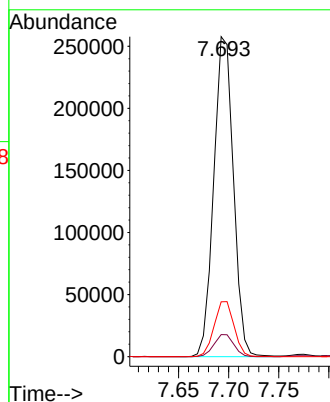
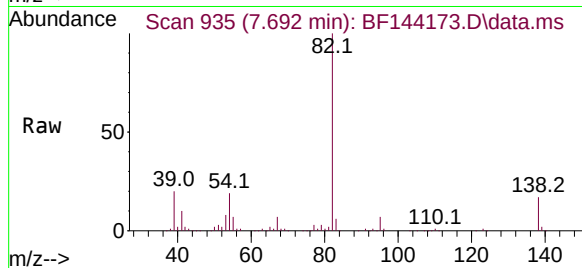
Tgt Ion: 82 Resp: 352919

Ion Ratio Lower Upper

82 100

95 6.9 5.5 8.3

138 17.1 13.7 20.5



#26

2-Nitrophenol

Concen: 42.269 ng

RT: 7.775 min Scan# 949

Delta R.T. 0.000 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

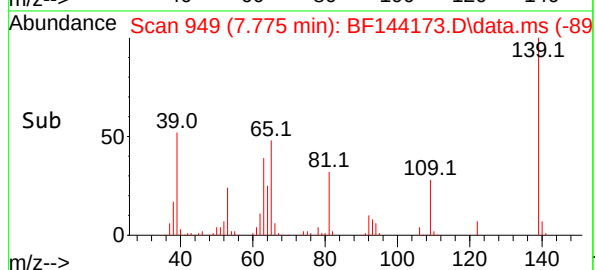
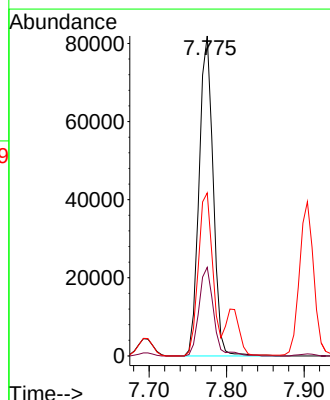
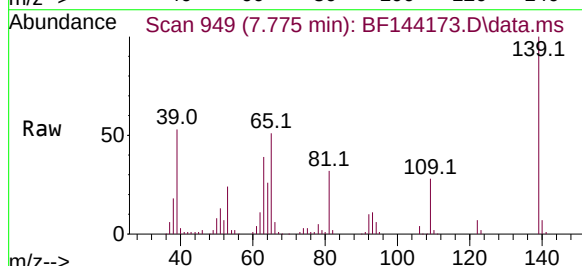
Tgt Ion:139 Resp: 103181

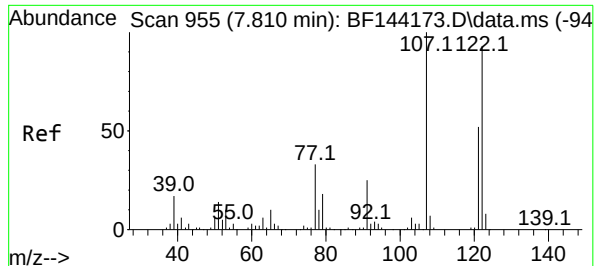
Ion Ratio Lower Upper

139 100

109 27.7 22.2 33.2

65 50.9 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 42.784 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

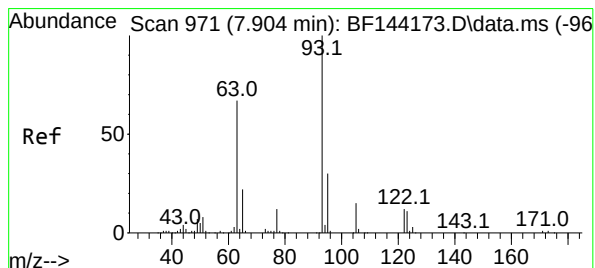
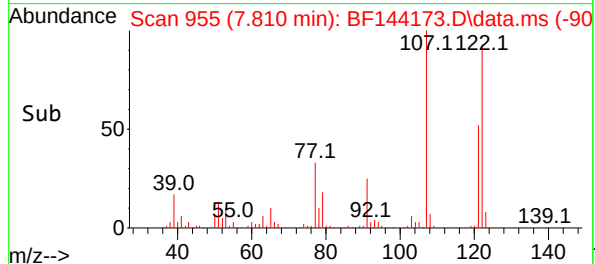
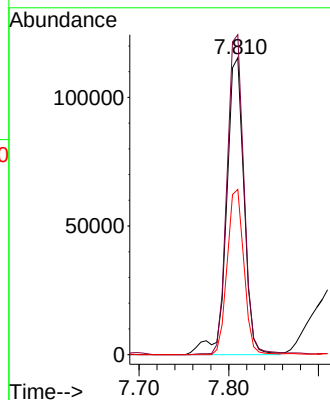
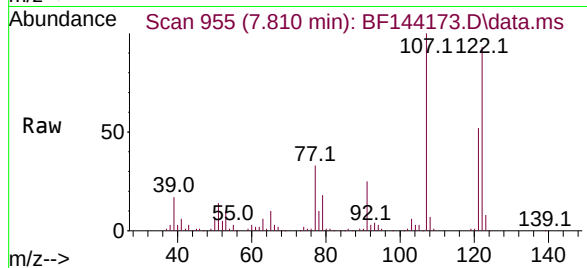
Tgt Ion:122 Resp: 156535

Ion Ratio Lower Upper

122 100

107 107.8 86.2 129.4

121 55.7 44.6 66.8



#28

bis(2-Chloroethoxy)methane

Concen: 41.364 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

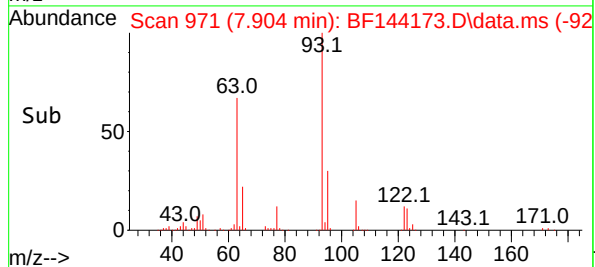
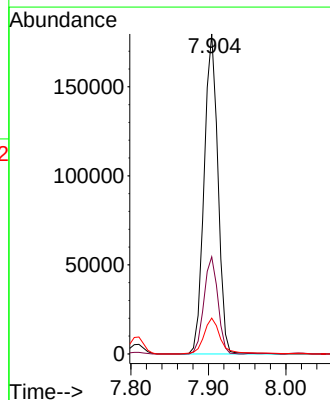
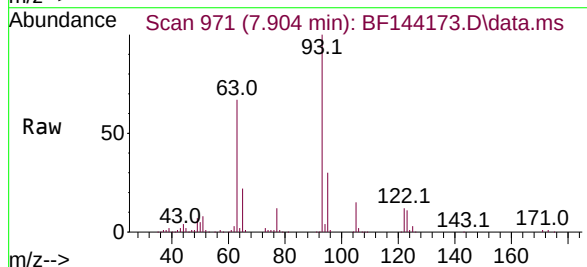
Tgt Ion: 93 Resp: 221900

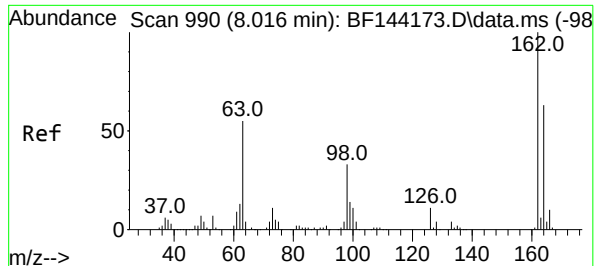
Ion Ratio Lower Upper

93 100

95 30.3 24.2 36.4

123 11.2 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 41.210 ng

RT: 8.016 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

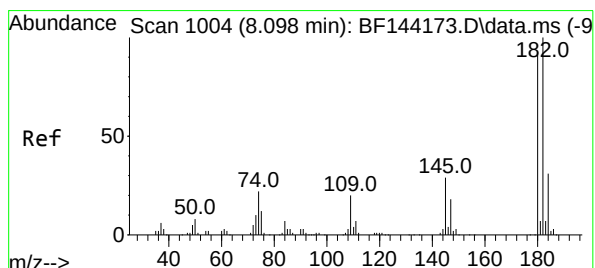
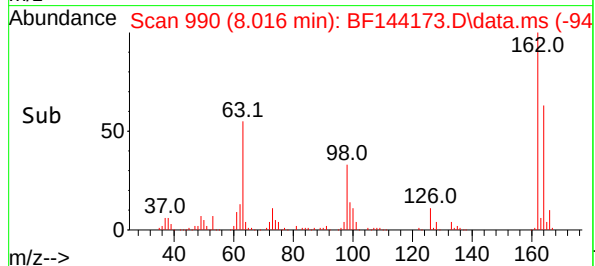
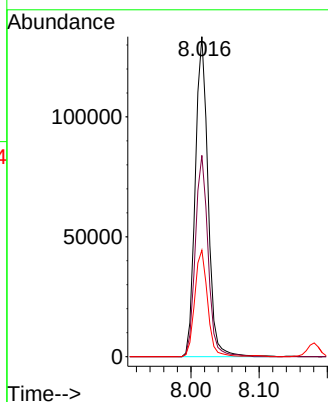
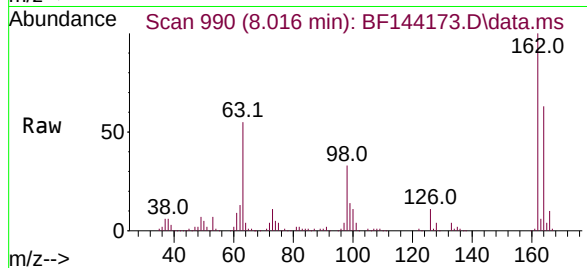
Tgt Ion:162 Resp: 173779

Ion Ratio Lower Upper

162 100

164 62.9 42.9 82.9

98 33.3 13.3 53.3



#30

1,2,4-Trichlorobenzene

Concen: 40.825 ng

RT: 8.098 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

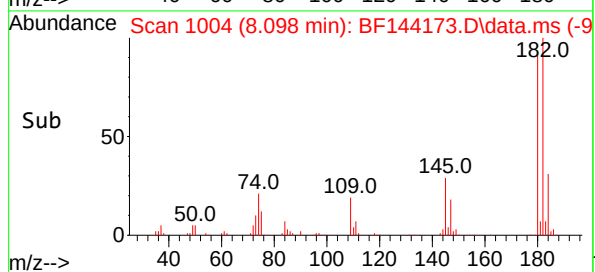
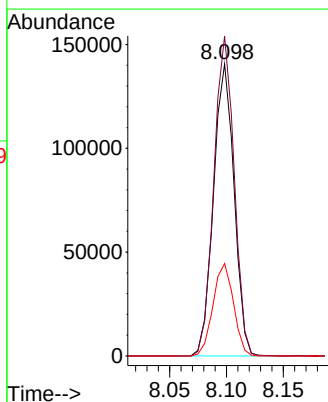
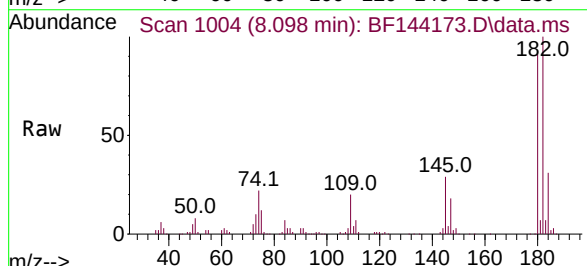
Tgt Ion:180 Resp: 176777

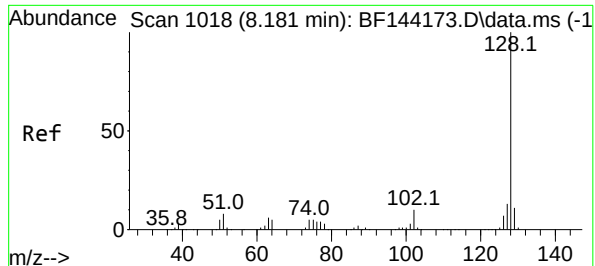
Ion Ratio Lower Upper

180 100

182 109.6 87.7 131.5

145 31.7 25.4 38.0

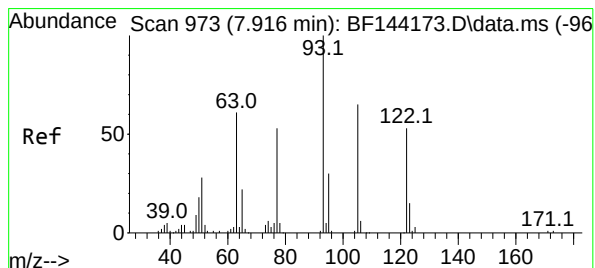
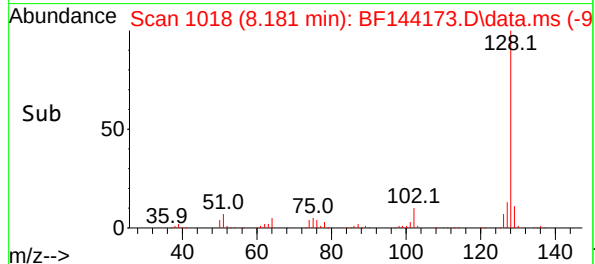
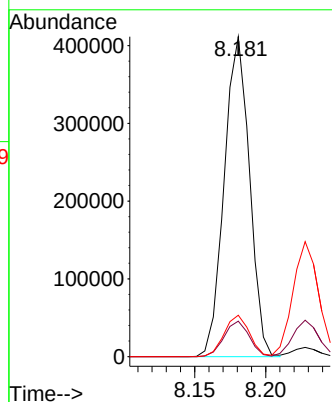
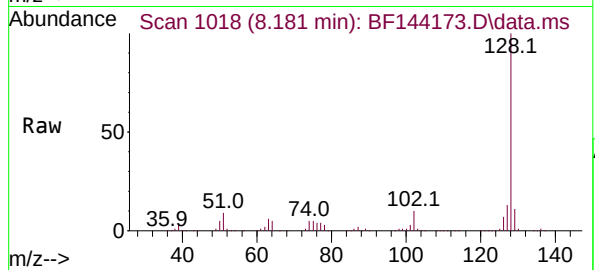




#31
Naphthalene
Concen: 40.755 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

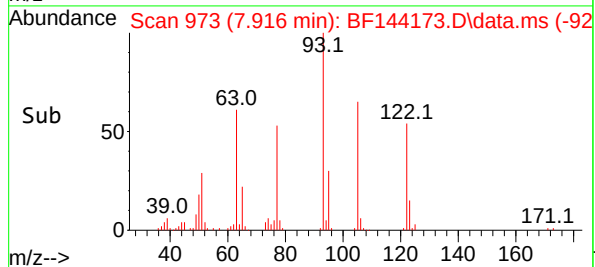
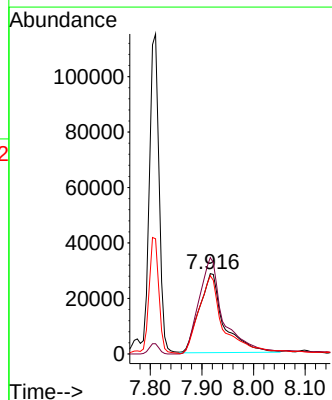
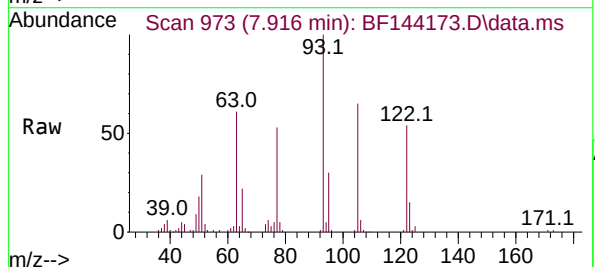
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

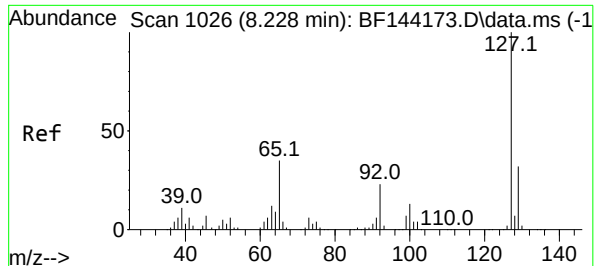
Tgt Ion:128 Resp: 508521
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 12.9 10.3 15.5



#32
Benzoic acid
Concen: 35.128 ng
RT: 7.916 min Scan# 973
Delta R.T. -0.035 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:122 Resp: 94209
Ion Ratio Lower Upper
122 100
105 119.9 99.9 139.9
77 97.5 77.5 117.5





#33

4-Chloroaniline

Concen: 41.763 ng

RT: 8.228 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:127 Resp: 190054

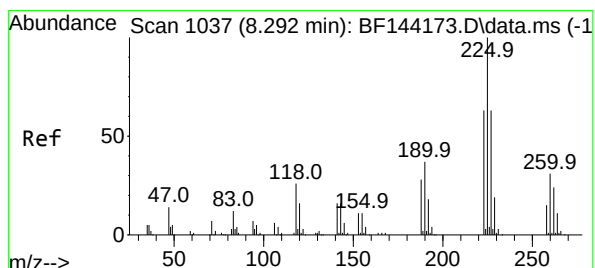
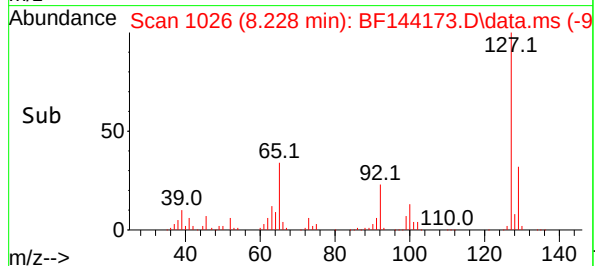
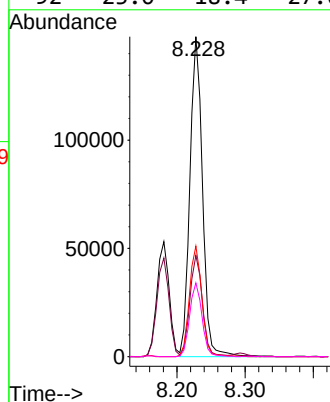
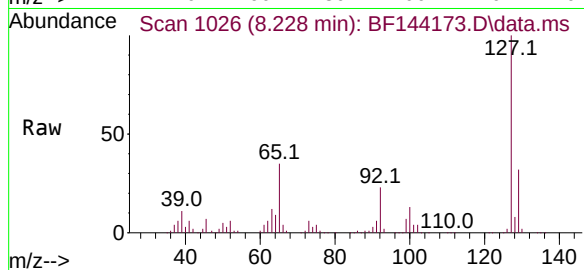
Ion Ratio Lower Upper

127 100

129 31.6 25.3 37.9

65 34.5 27.6 41.4

92 23.0 18.4 27.6



#34

Hexachlorobutadiene

Concen: 41.671 ng

RT: 8.292 min Scan# 1037

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

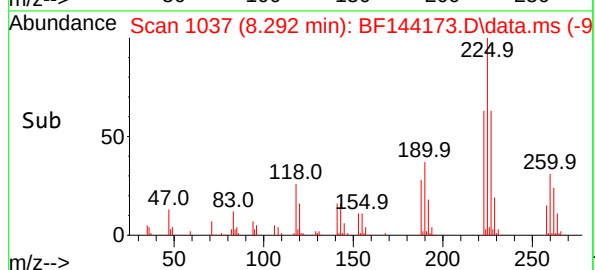
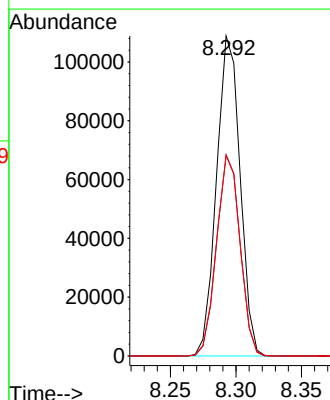
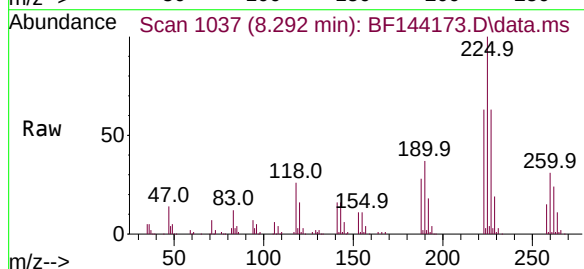
Tgt Ion:225 Resp: 135990

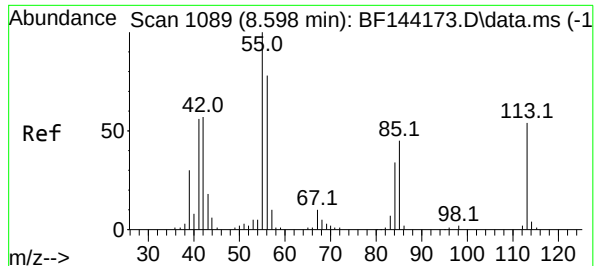
Ion Ratio Lower Upper

225 100

223 62.8 50.2 75.4

227 62.6 50.1 75.1

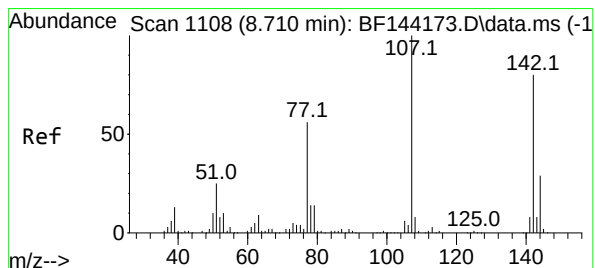
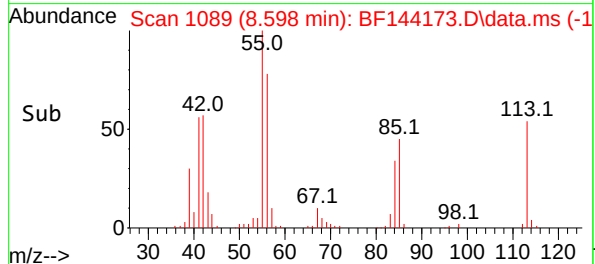
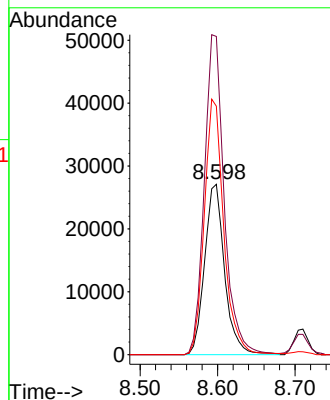
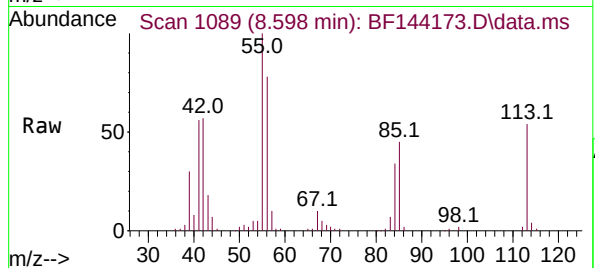




#35
Caprolactam
Concen: 41.945 ng
RT: 8.598 min Scan# 1089
Delta R.T. -0.023 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

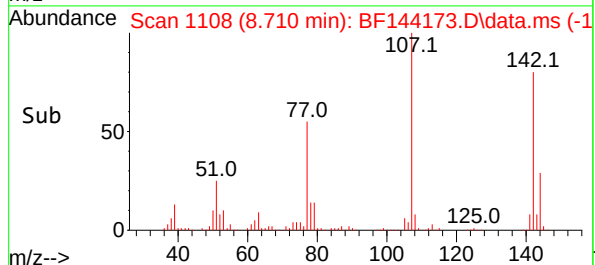
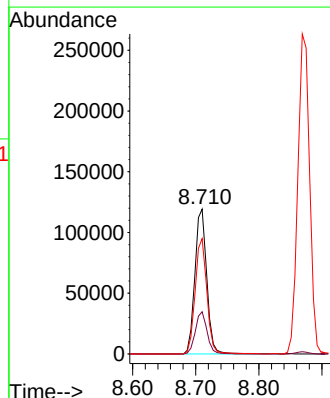
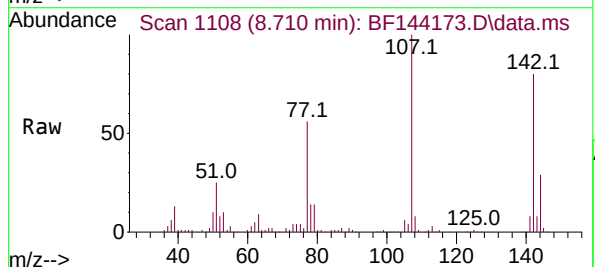
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

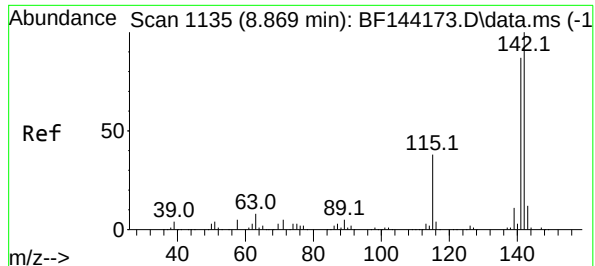
Tgt Ion:113 Resp: 48459
Ion Ratio Lower Upper
113 100
55 186.8 166.8 206.8
56 145.9 125.9 165.9



#36
4-Chloro-3-methylphenol
Concen: 41.237 ng
RT: 8.710 min Scan# 1108
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:107 Resp: 155844
Ion Ratio Lower Upper
107 100
144 29.1 23.3 34.9
142 79.7 63.8 95.6





#37

2-Methylnaphthalene

Concen: 40.712 ng

RT: 8.869 min Scan# 1135

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

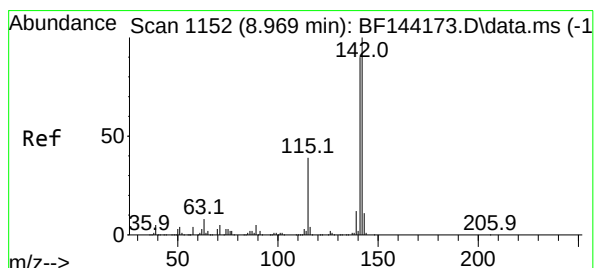
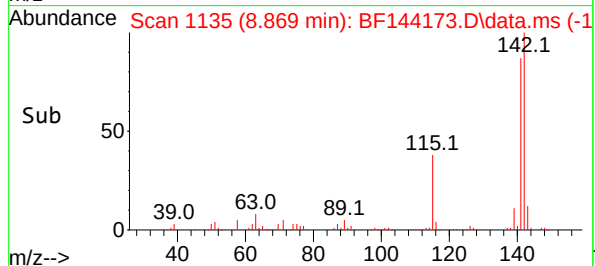
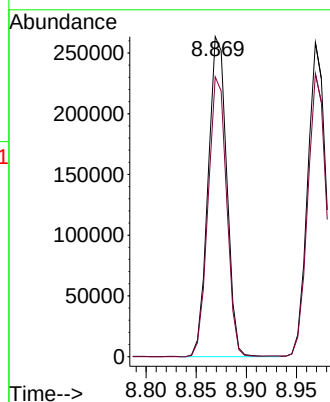
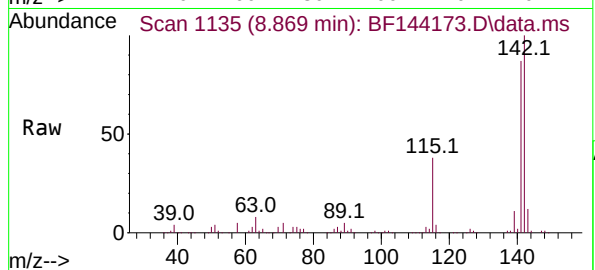
SSTDICCC040

Tgt Ion:142 Resp: 339639

Ion Ratio Lower Upper

142 100

141 87.4 69.9 104.9



#38

1-Methylnaphthalene

Concen: 40.435 ng

RT: 8.969 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF144173.D

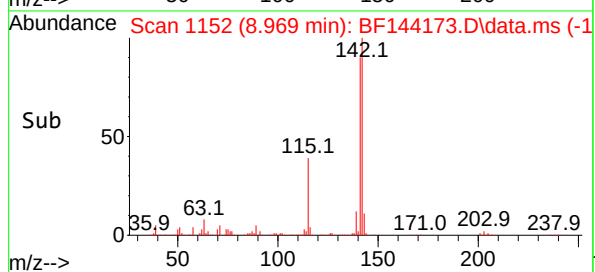
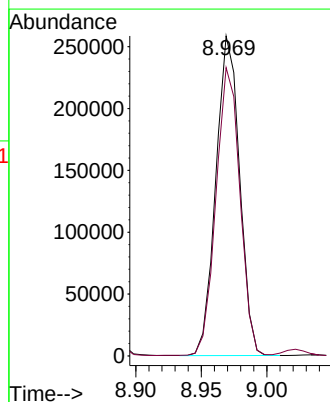
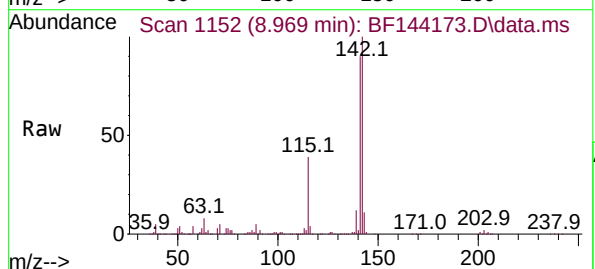
Acq: 05 Nov 2025 14:50

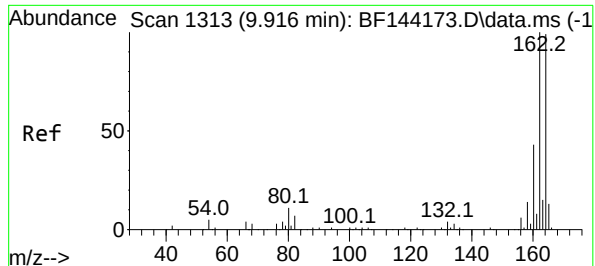
Tgt Ion:142 Resp: 325483

Ion Ratio Lower Upper

142 100

141 90.1 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

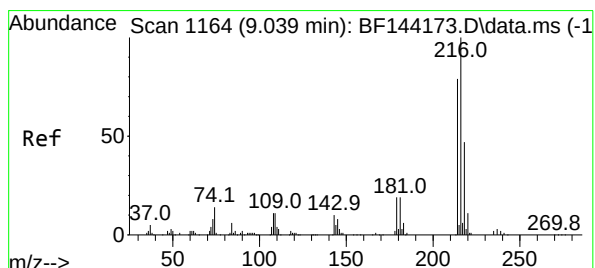
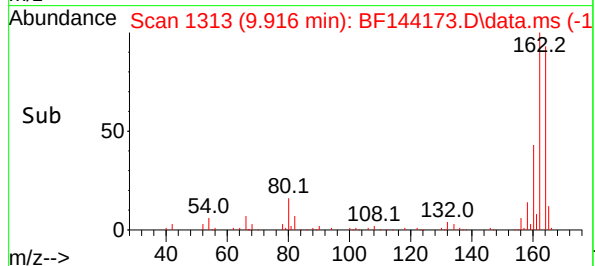
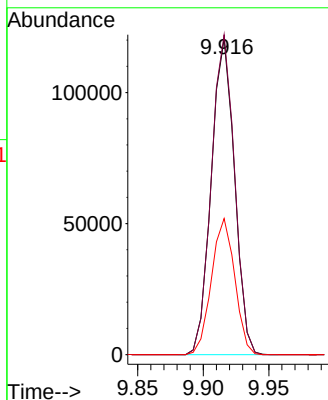
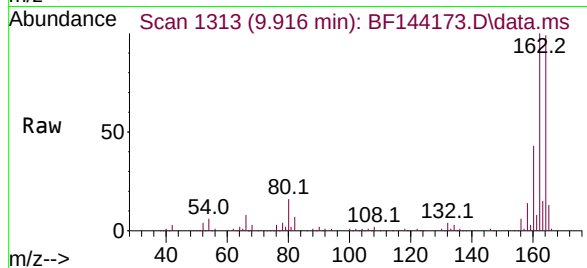
Tgt Ion:164 Resp: 148823

Ion Ratio Lower Upper

164 100

162 101.4 81.1 121.7

160 43.1 34.5 51.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.210 ng

RT: 9.039 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Tgt Ion:216 Resp: 200998

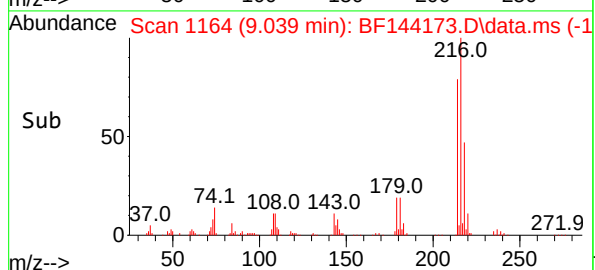
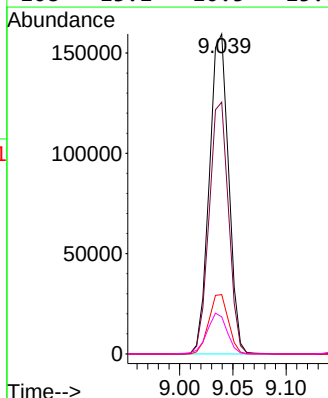
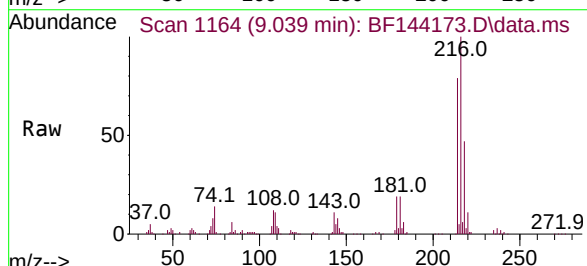
Ion Ratio Lower Upper

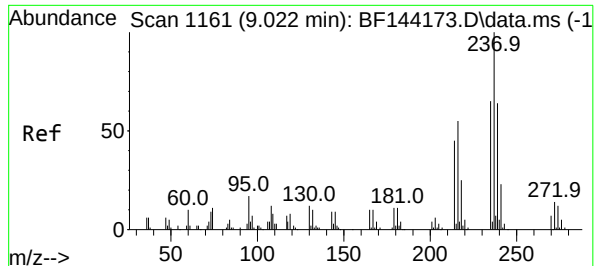
216 100

214 79.3 63.4 95.2

179 18.7 15.0 22.4

108 13.1 10.5 15.7

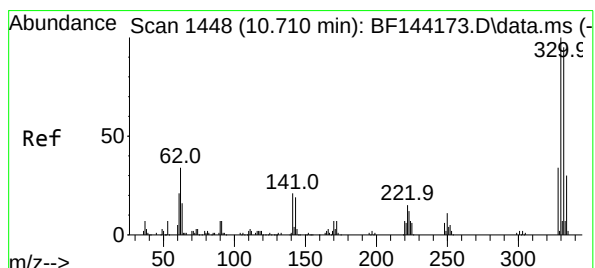
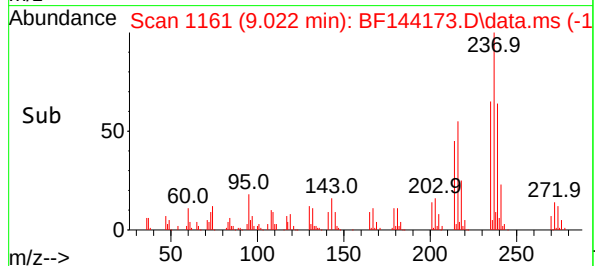
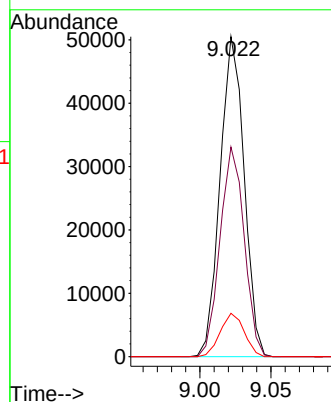
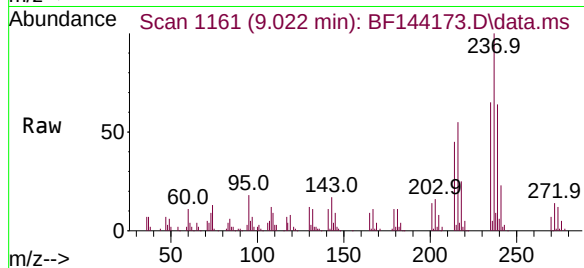




#41
Hexachlorocyclopentadiene
Concen: 39.991 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

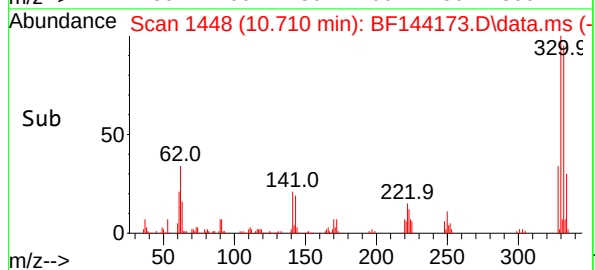
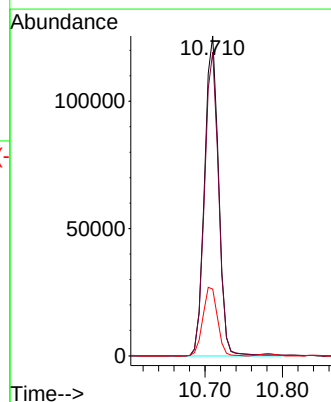
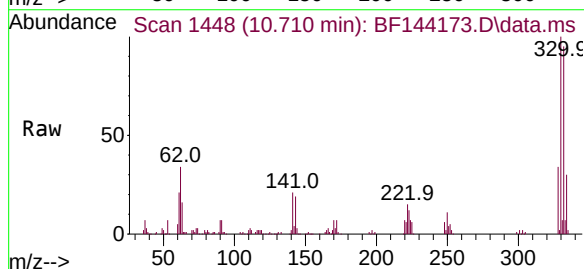
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

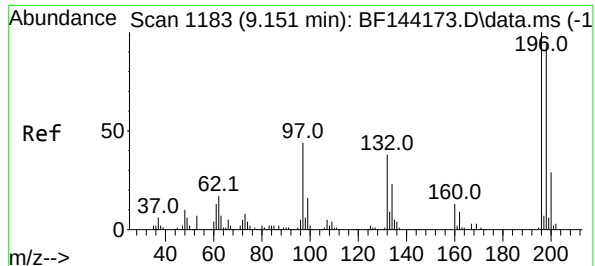
Tgt Ion:237 Resp: 59520
Ion Ratio Lower Upper
237 100
235 65.5 45.5 85.5
272 13.5 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 84.493 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:330 Resp: 157795
Ion Ratio Lower Upper
330 100
332 95.9 76.7 115.1
141 22.3 17.8 26.8





#43

2,4,6-Trichlorophenol

Concen: 40.875 ng

RT: 9.151 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

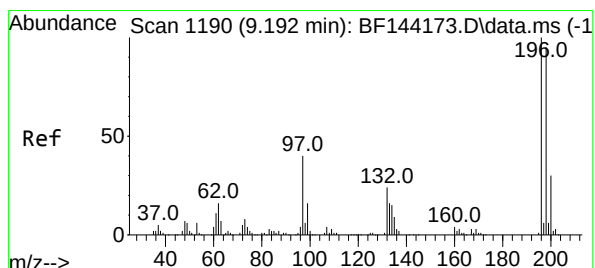
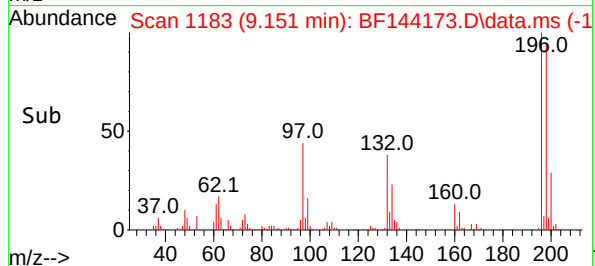
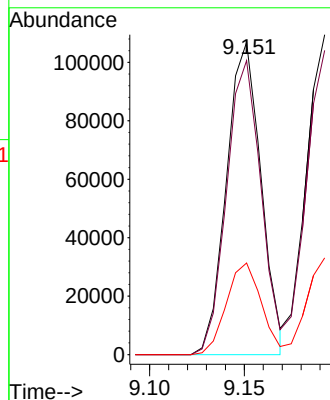
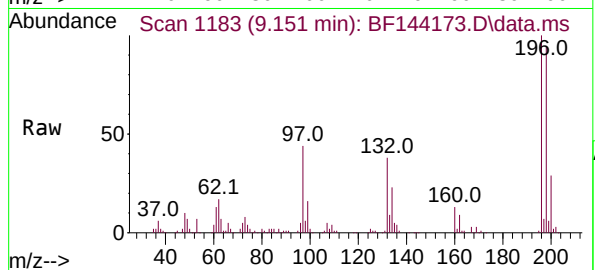
Tgt Ion:196 Resp: 135691

Ion Ratio Lower Upper

196 100

198 94.1 75.3 112.9

200 29.3 23.4 35.2



#44

2,4,5-Trichlorophenol

Concen: 40.641 ng

RT: 9.192 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Tgt Ion:196 Resp: 145405

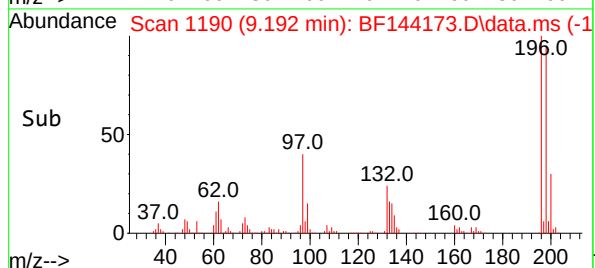
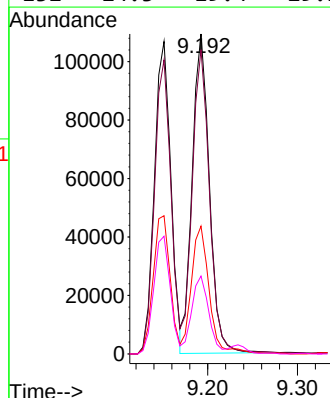
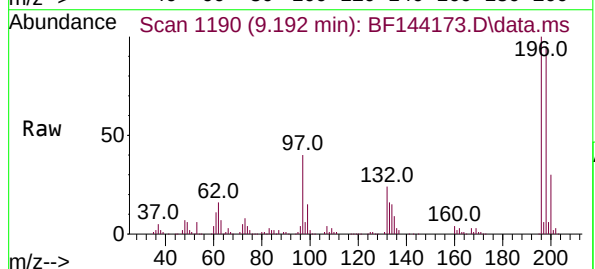
Ion Ratio Lower Upper

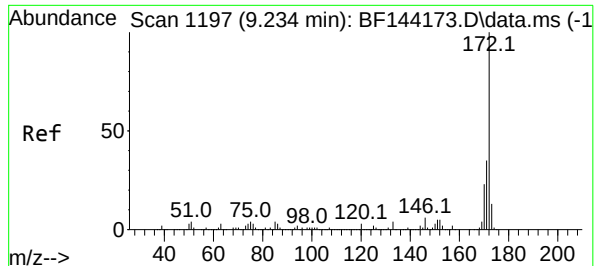
196 100

198 95.1 76.1 114.1

97 39.9 31.9 47.9

132 24.3 19.4 29.2





#45

2-Fluorobiphenyl

Concen: 79.737 ng

RT: 9.234 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

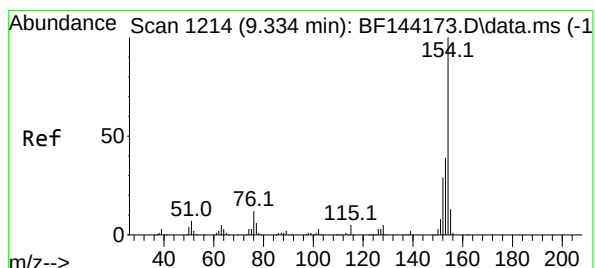
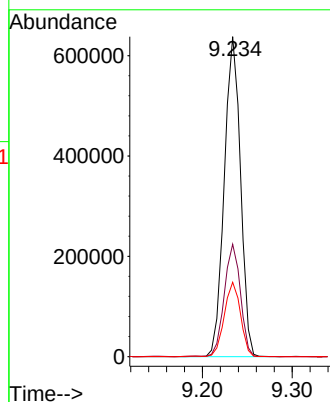
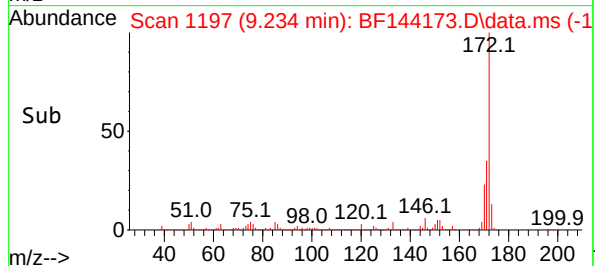
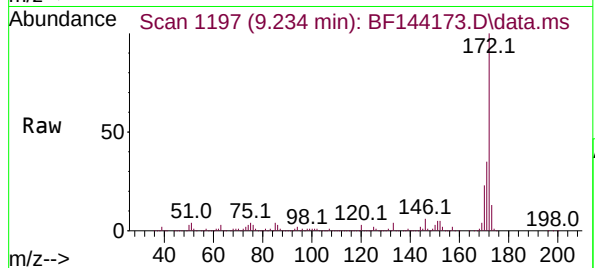
Tgt Ion:172 Resp: 803464

Ion Ratio Lower Upper

172 100

171 35.1 28.1 42.1

170 23.3 18.6 28.0



#46

1,1'-Biphenyl

Concen: 40.345 ng

RT: 9.334 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

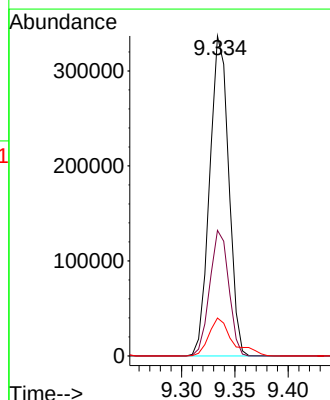
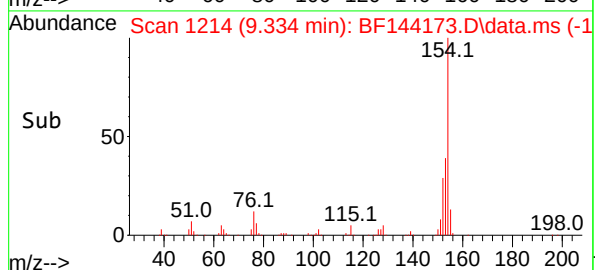
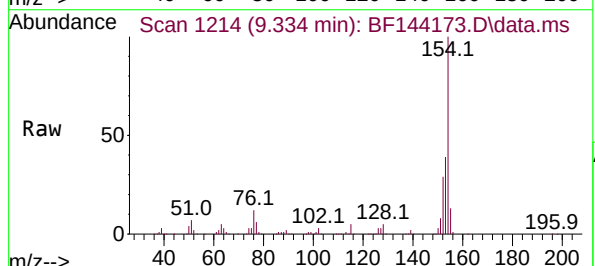
Tgt Ion:154 Resp: 419119

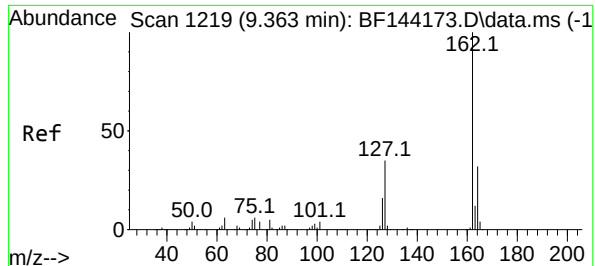
Ion Ratio Lower Upper

154 100

153 39.2 19.2 59.2

76 11.8 0.0 31.8





#47

2-Chloronaphthalene

Concen: 40.458 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

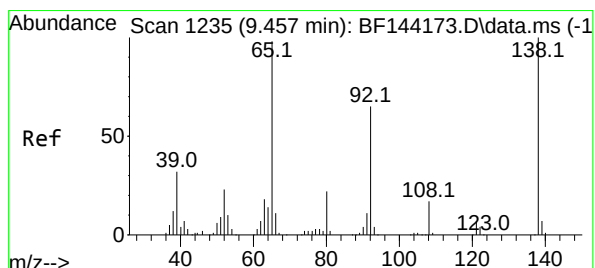
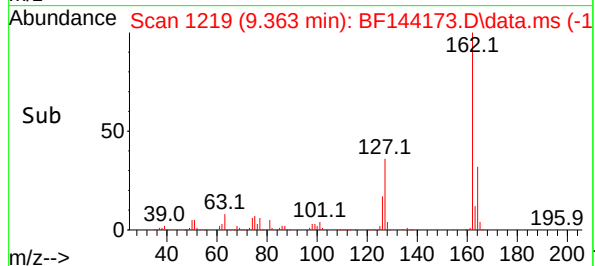
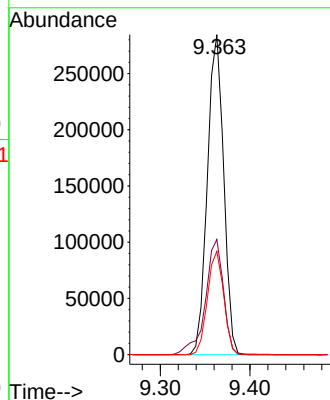
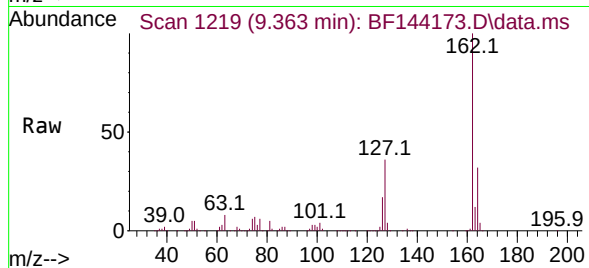
Tgt Ion:162 Resp: 358514

Ion Ratio Lower Upper

162 100

127 36.0 28.8 43.2

164 32.3 25.8 38.8



#48

2-Nitroaniline

Concen: 42.059 ng

RT: 9.457 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

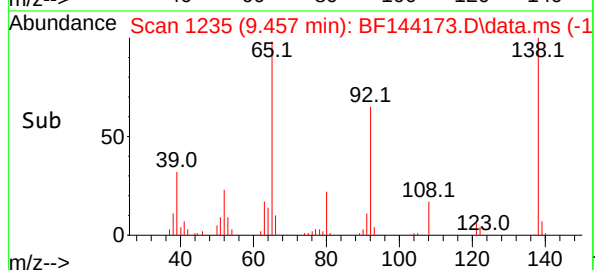
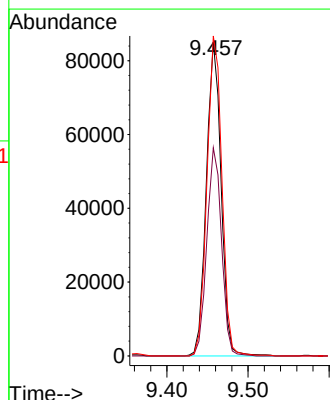
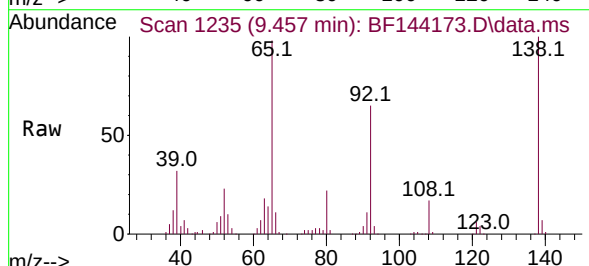
Tgt Ion: 65 Resp: 107536

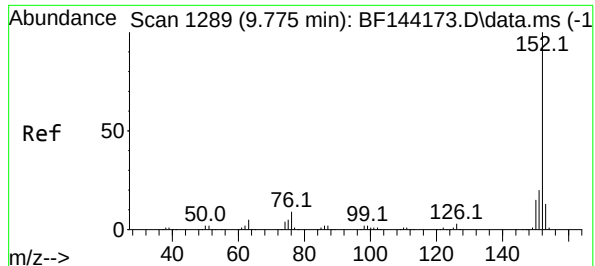
Ion Ratio Lower Upper

65 100

92 66.3 53.0 79.6

138 102.0 81.6 122.4





#49

Acenaphthylene

Concen: 40.553 ng

RT: 9.775 min Scan# 1289

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

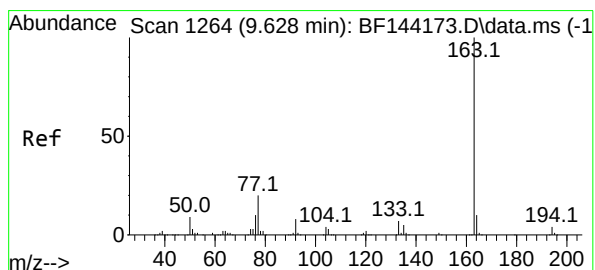
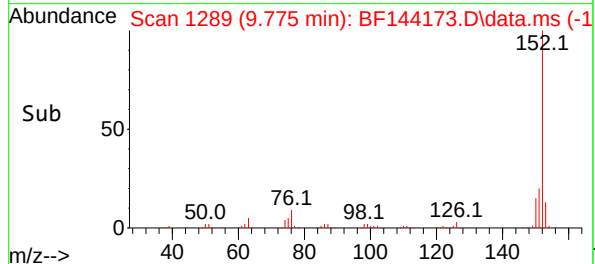
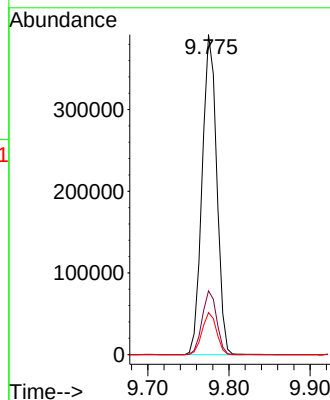
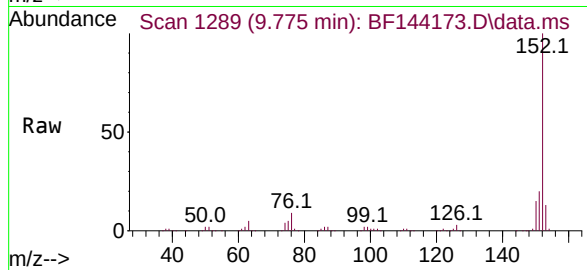
Tgt Ion:152 Resp: 489708

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

153 13.1 10.5 15.7



#50

Dimethylphthalate

Concen: 40.620 ng

RT: 9.628 min Scan# 1264

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

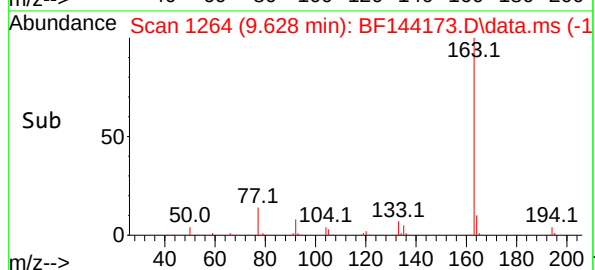
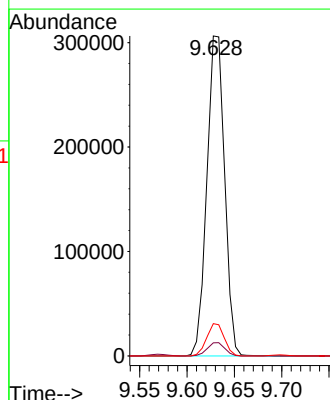
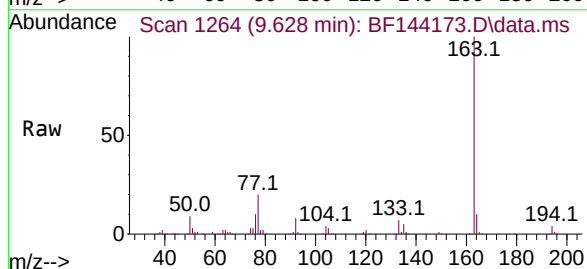
Tgt Ion:163 Resp: 400479

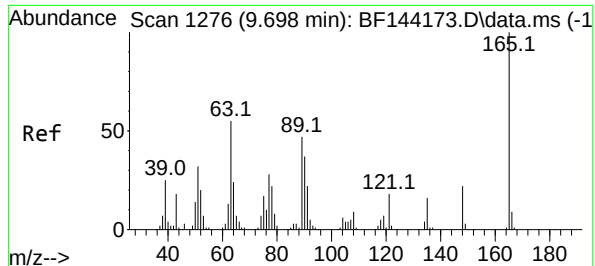
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.1 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 41.169 ng

RT: 9.698 min Scan# 1276

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

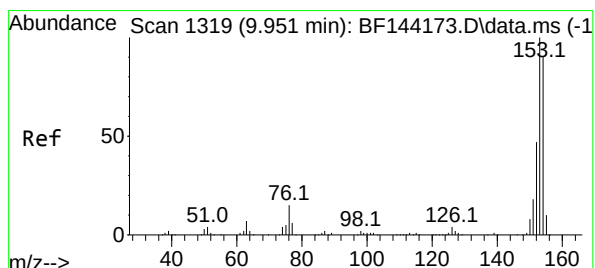
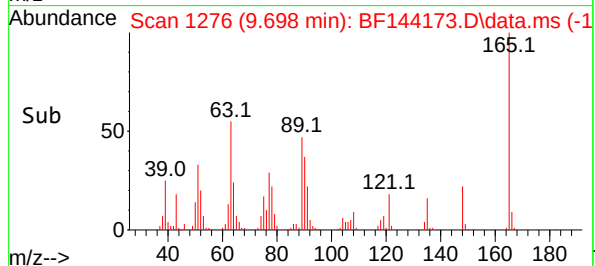
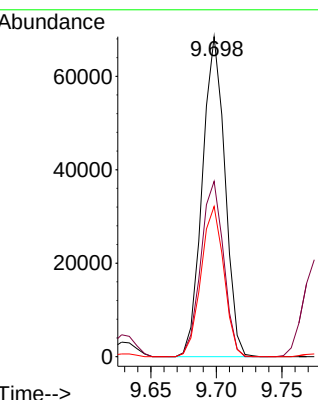
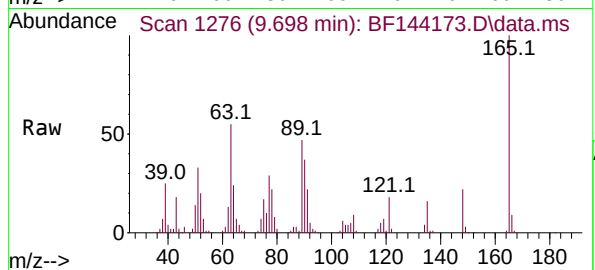
Tgt Ion:165 Resp: 82166

Ion Ratio Lower Upper

165 100

63 54.8 43.8 65.8

89 46.9 37.5 56.3



#52

Acenaphthene

Concen: 40.406 ng

RT: 9.951 min Scan# 1319

Delta R.T. 0.000 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

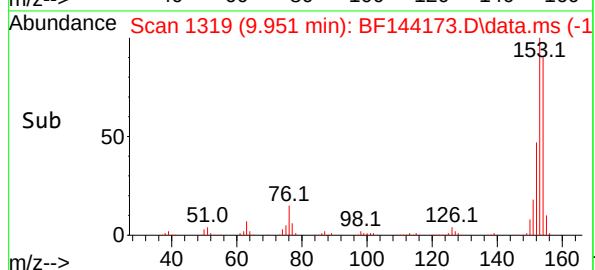
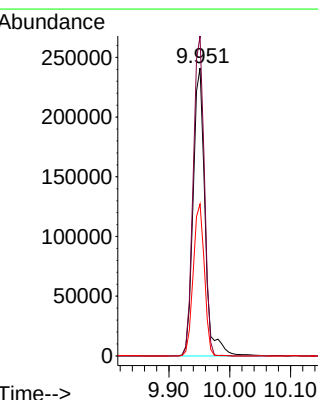
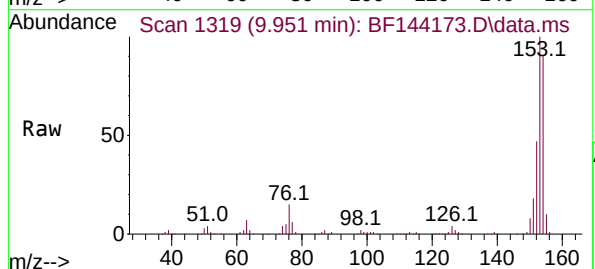
Tgt Ion:154 Resp: 326285

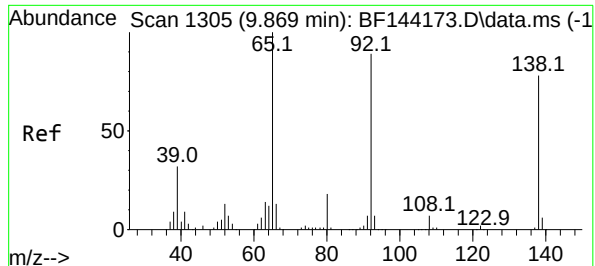
Ion Ratio Lower Upper

154 100

153 111.2 89.0 133.4

152 52.8 42.2 63.4





#53

3-Nitroaniline

Concen: 42.918 ng

RT: 9.869 min Scan# 1305

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

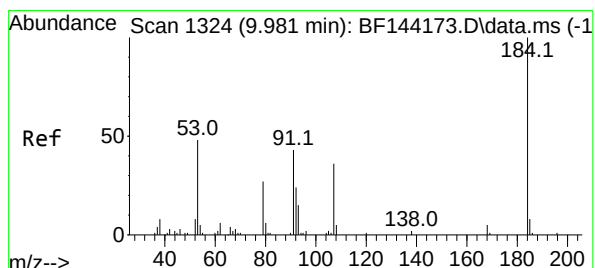
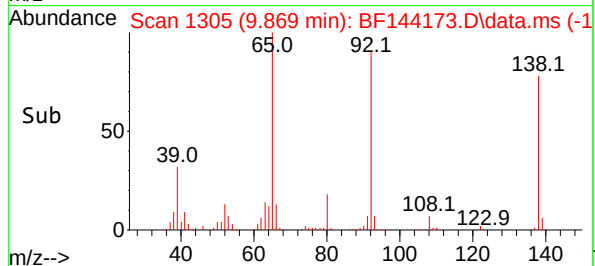
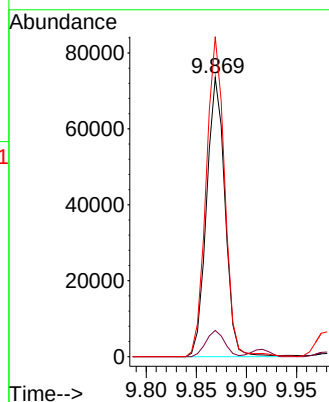
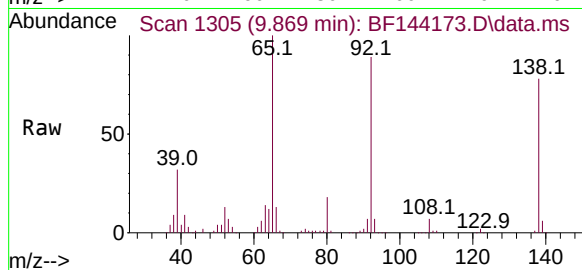
Tgt Ion:138 Resp: 93636

Ion Ratio Lower Upper

138 100

108 9.4 7.5 11.3

92 114.7 91.8 137.6



#54

2,4-Dinitrophenol

Concen: 34.614 ng

RT: 9.981 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

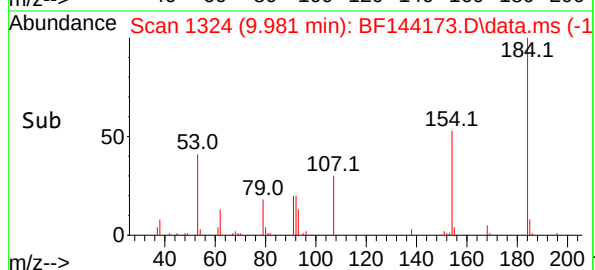
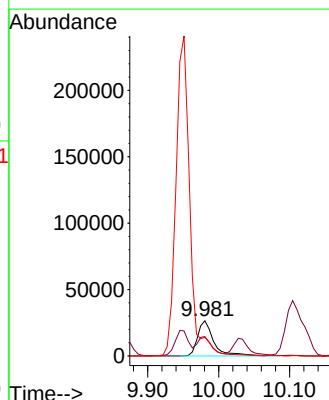
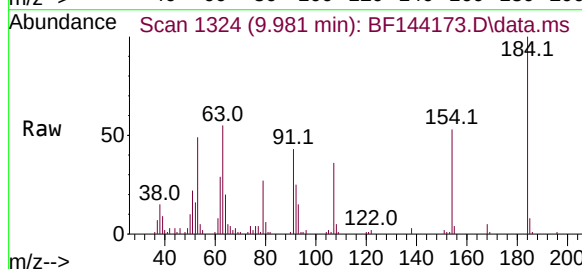
Tgt Ion:184 Resp: 41716

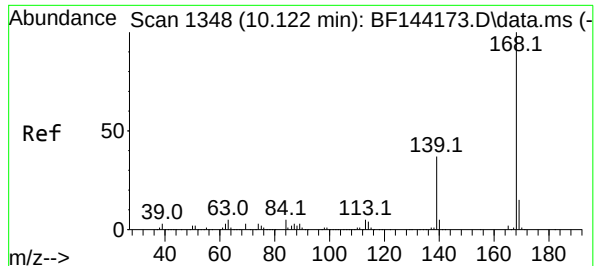
Ion Ratio Lower Upper

184 100

63 55.0 44.0 66.0

154 53.0 42.4 63.6





#55

Dibenzenofuran

Concen: 40.810 ng

RT: 10.122 min Scan# 1348

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

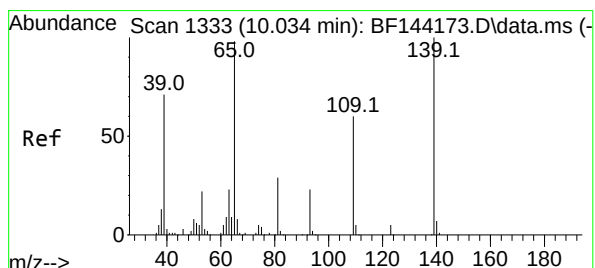
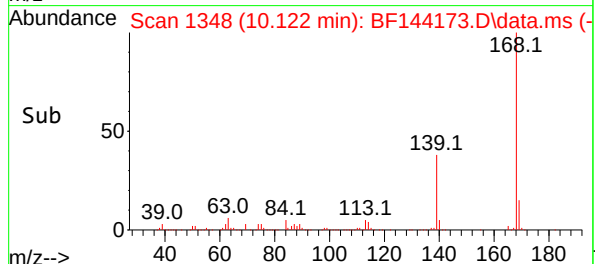
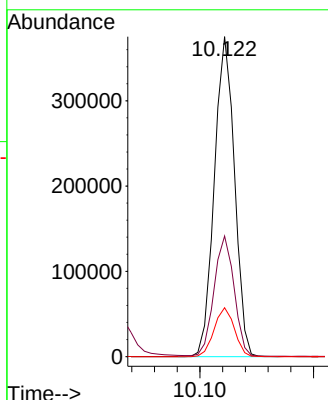
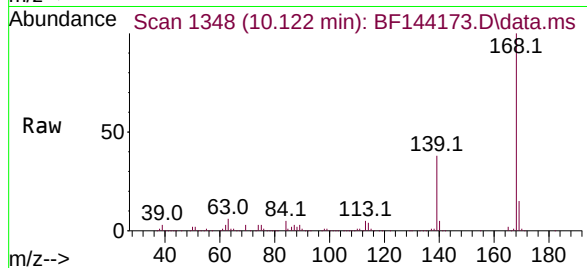
Tgt Ion:168 Resp: 461538

Ion Ratio Lower Upper

168 100

139 37.7 30.2 45.2

169 15.3 12.2 18.4



#56

4-Nitrophenol

Concen: 38.426 ng

RT: 10.034 min Scan# 1333

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

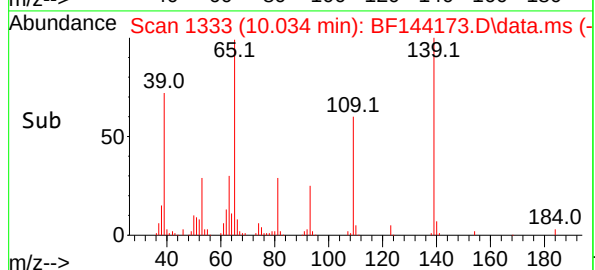
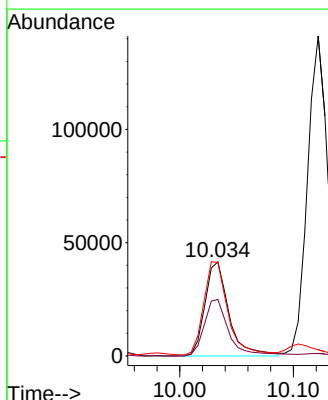
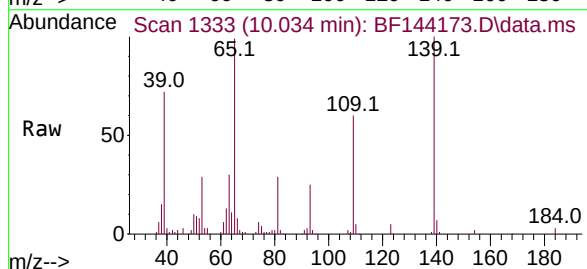
Tgt Ion:139 Resp: 60643

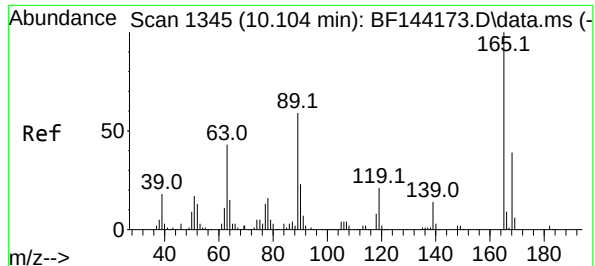
Ion Ratio Lower Upper

139 100

109 59.9 39.9 79.9

65 99.5 79.5 119.5





#57

2,4-Dinitrotoluene

Concen: 42.858 ng

RT: 10.104 min Scan# 1345

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:165 Resp: 114508

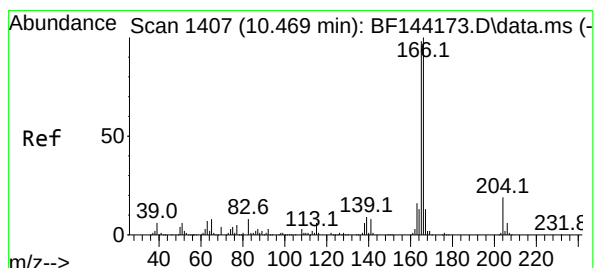
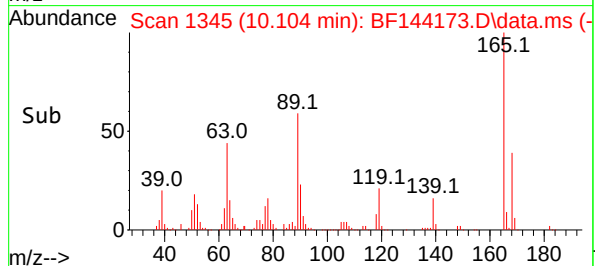
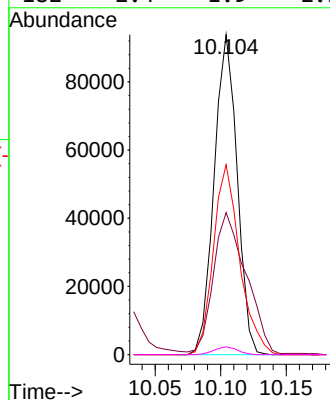
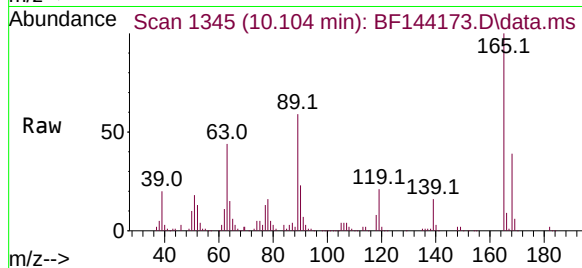
Ion Ratio Lower Upper

165 100

63 44.4 35.5 53.3

89 59.3 47.4 71.2

182 2.4 1.9 2.9



#58

Fluorene

Concen: 40.841 ng

RT: 10.469 min Scan# 1407

Delta R.T. 0.000 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

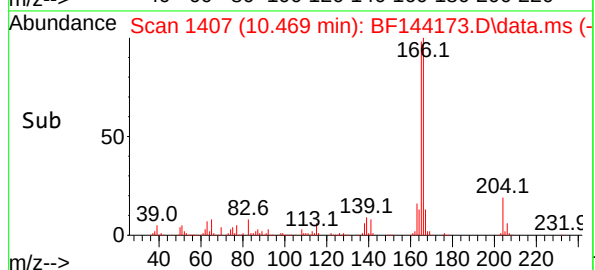
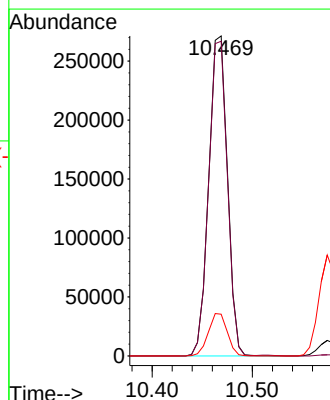
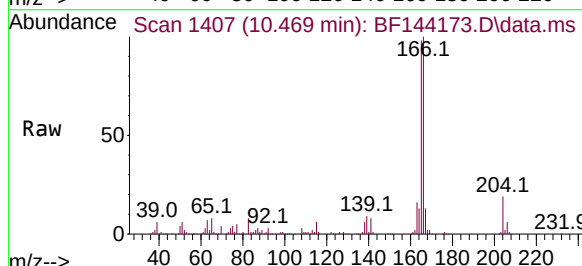
Tgt Ion:166 Resp: 351182

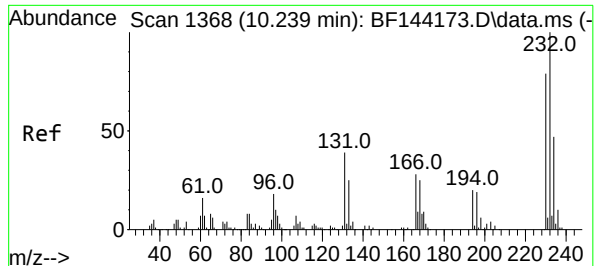
Ion Ratio Lower Upper

166 100

165 98.3 78.6 118.0

167 13.0 10.4 15.6

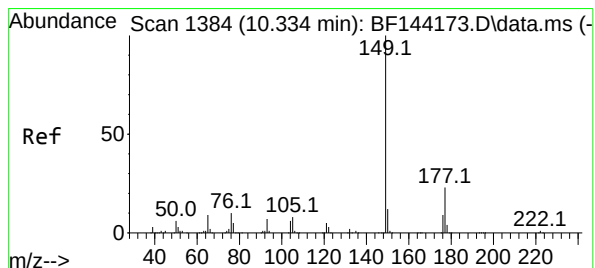
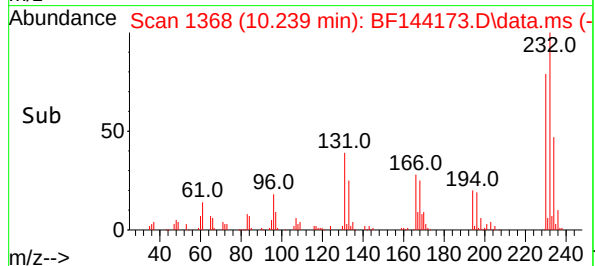
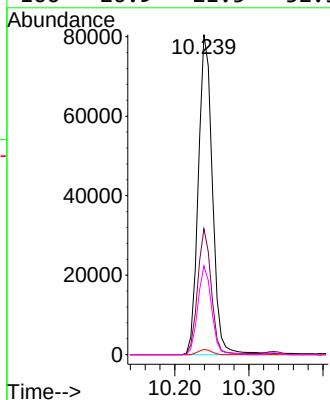
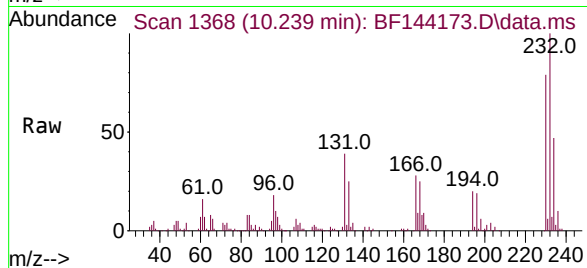




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.037 ng
RT: 10.239 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

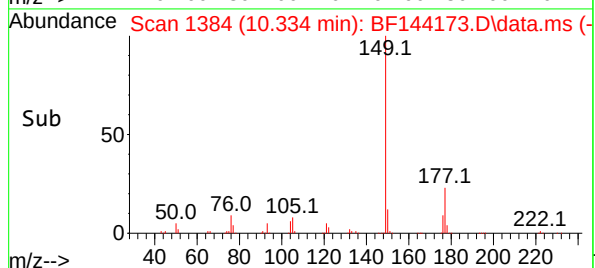
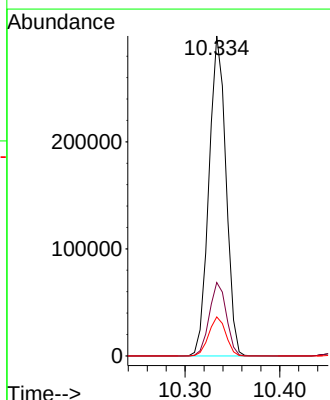
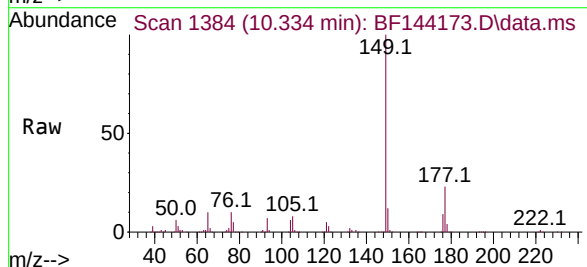
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

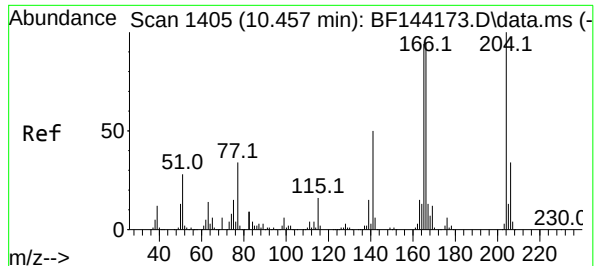
Tgt Ion:232 Resp: 106411
Ion Ratio Lower Upper
232 100
131 37.9 30.3 45.5
130 1.5 1.2 1.8
166 26.9 21.5 32.3



#60
Diethylphthalate
Concen: 41.061 ng
RT: 10.334 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:149 Resp: 373187
Ion Ratio Lower Upper
149 100
177 22.9 18.3 27.5
150 12.2 9.8 14.6

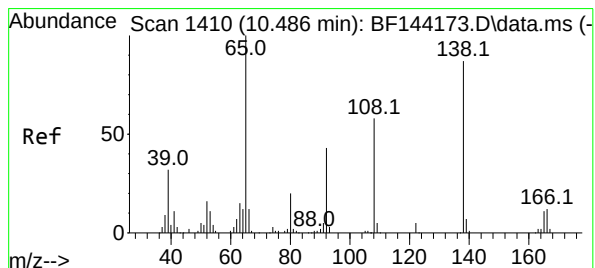
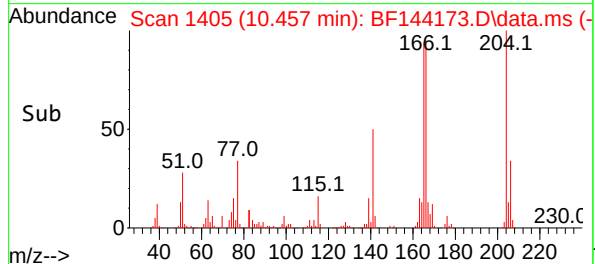
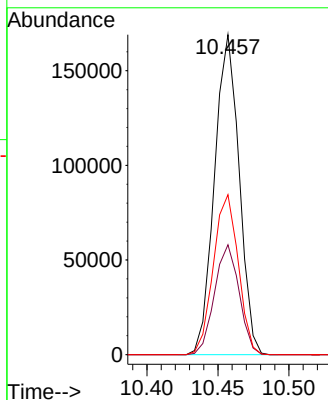
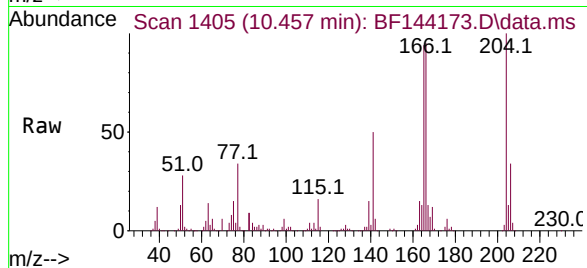




#61
4-Chlorophenyl-phenylether
Concen: 41.598 ng
RT: 10.457 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

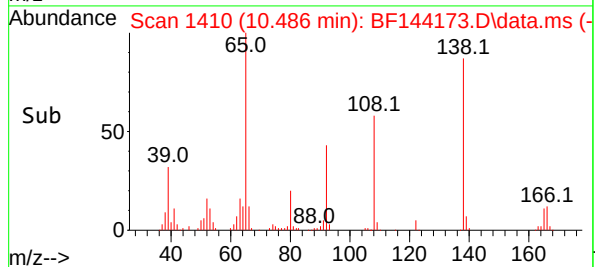
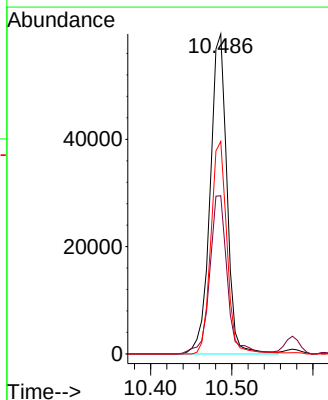
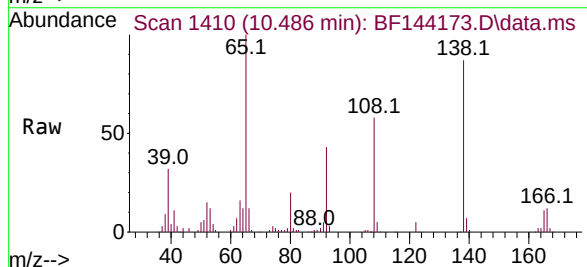
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

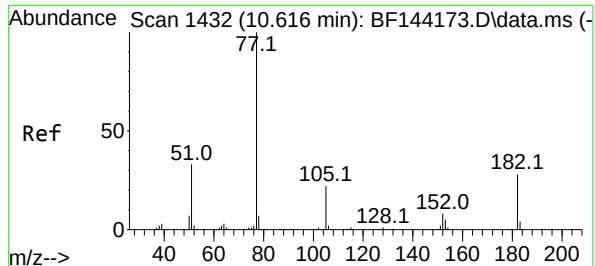
Tgt Ion:204 Resp: 203750
Ion Ratio Lower Upper
204 100
206 34.3 27.4 41.2
141 50.0 40.0 60.0



#62
4-Nitroaniline
Concen: 41.237 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:138 Resp: 85679
Ion Ratio Lower Upper
138 100
92 49.4 29.4 69.4
108 66.4 46.4 86.4

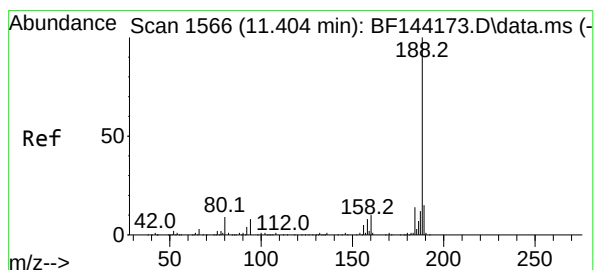
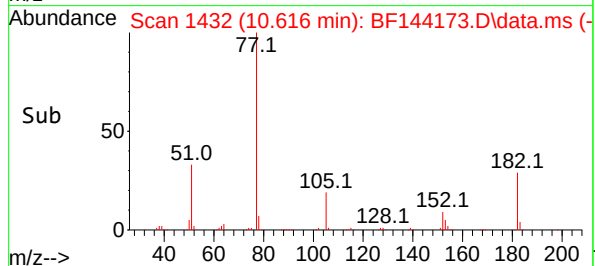
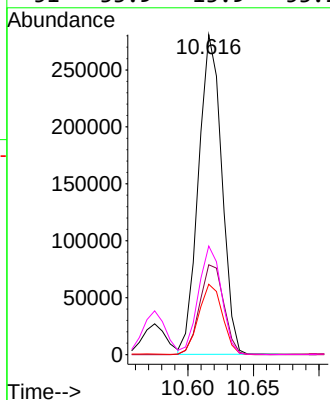
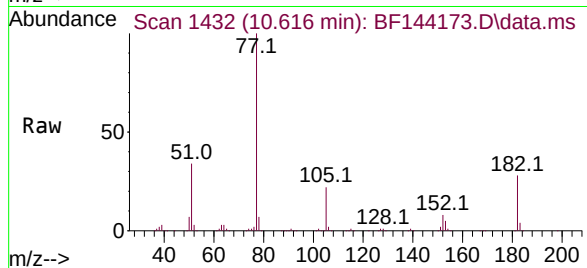




#63
Azobenzene
Concen: 40.948 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

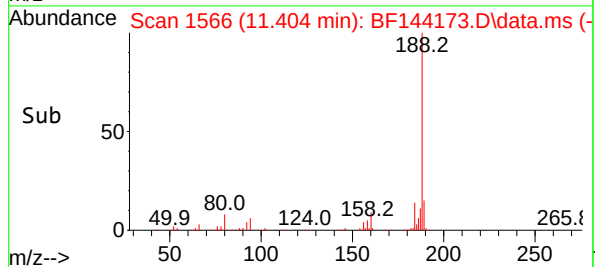
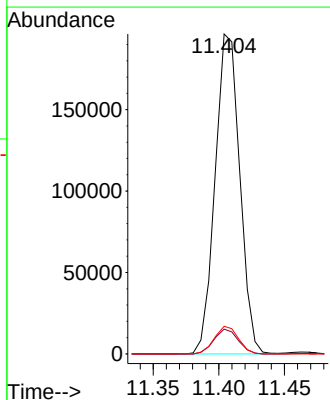
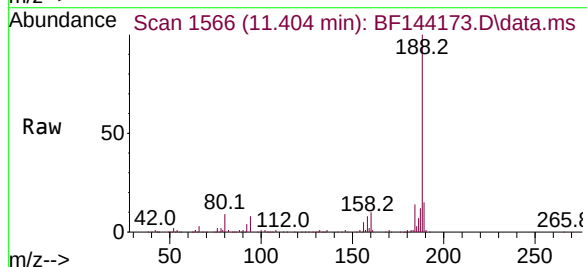
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

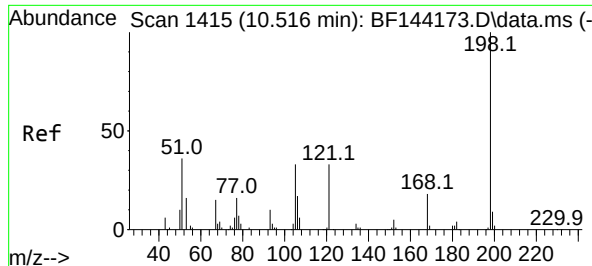
Tgt Ion: 77 Resp: 346367
Ion Ratio Lower Upper
77 100
182 28.1 8.1 48.1
105 22.0 2.0 42.0
51 33.9 13.9 53.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion: 188 Resp: 257329
Ion Ratio Lower Upper
188 100
94 7.7 6.2 9.2
80 8.6 6.9 10.3

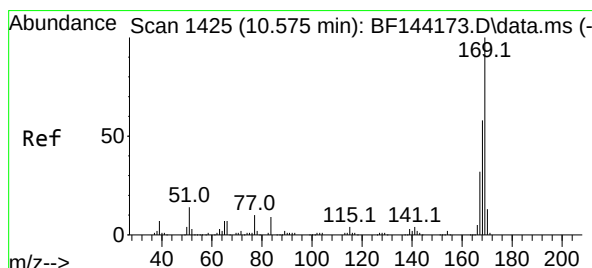
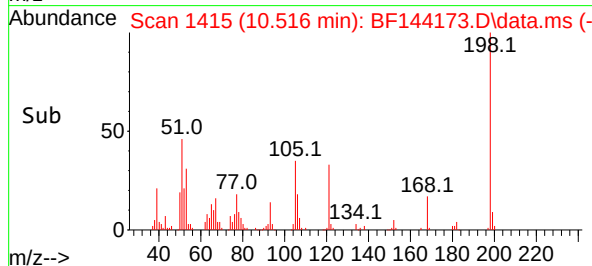
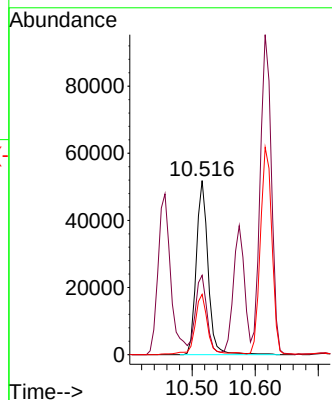
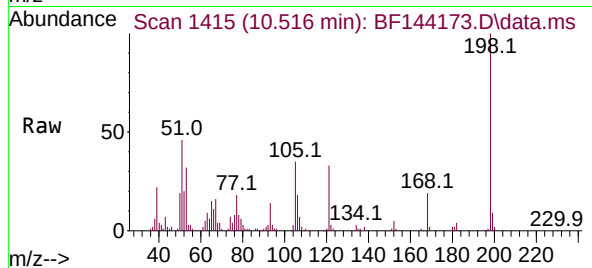




#65
4,6-Dinitro-2-methylphenol
Concen: 38.343 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

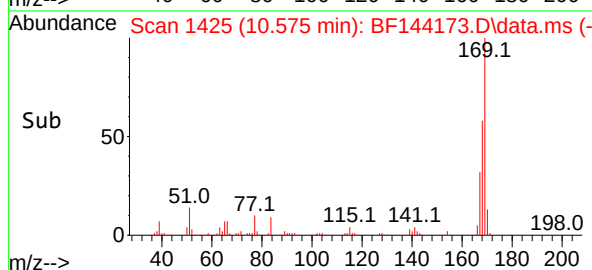
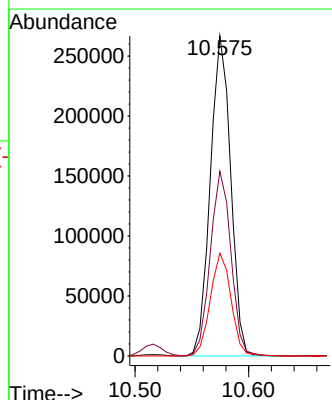
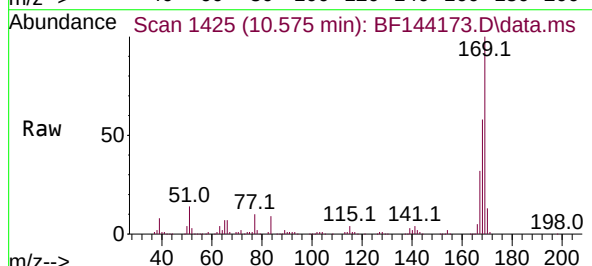
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

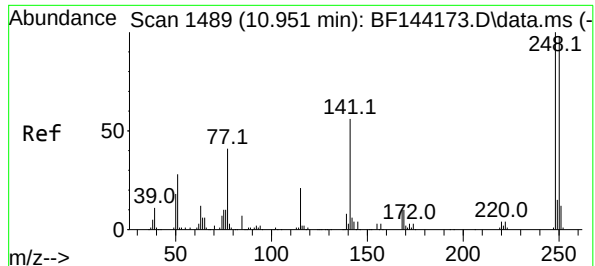
Tgt Ion:198 Resp: 67029
Ion Ratio Lower Upper
198 100
51 45.6 25.6 65.6
105 34.6 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 40.189 ng
RT: 10.575 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:169 Resp: 332623
Ion Ratio Lower Upper
169 100
168 57.7 46.2 69.2
167 32.1 25.7 38.5

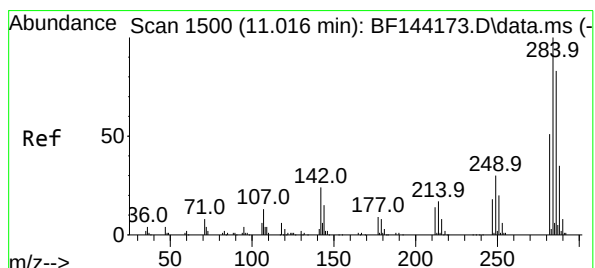
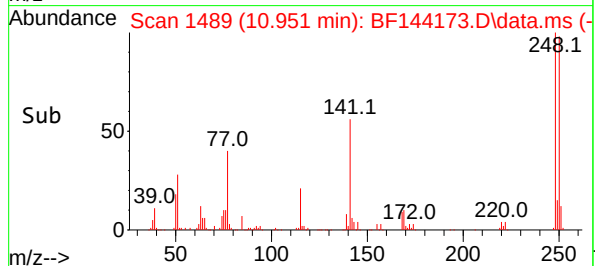
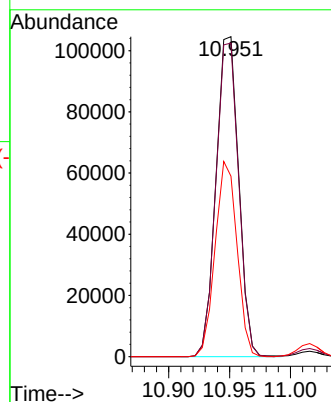
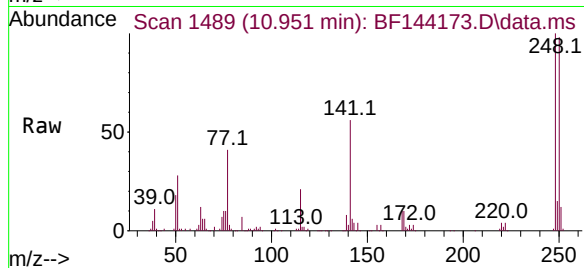




#67
4-Bromophenyl-phenylether
Concen: 41.198 ng
RT: 10.951 min Scan# 1489
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

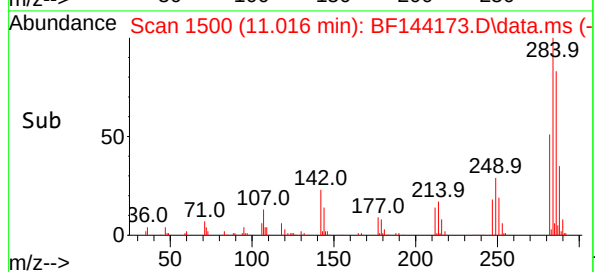
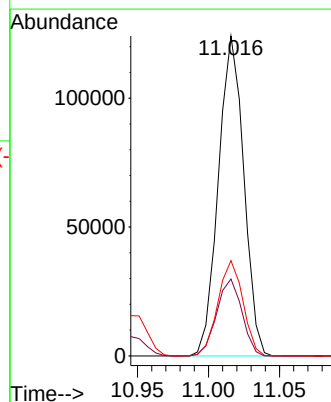
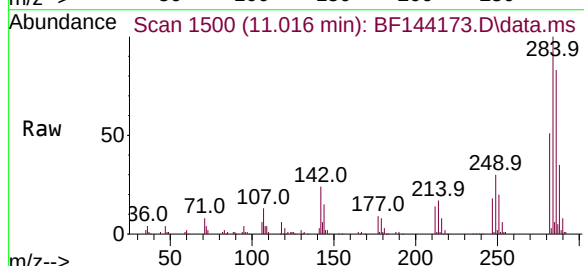
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

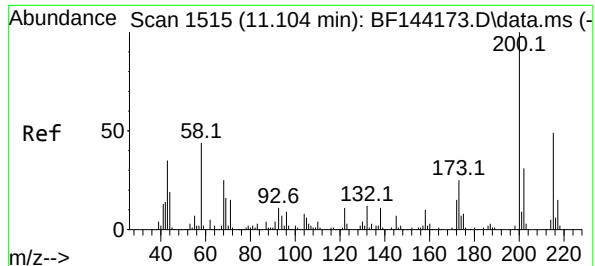
Tgt Ion:248 Resp: 135319
Ion Ratio Lower Upper
248 100
250 98.0 78.4 117.6
141 56.4 45.1 67.7



#68
Hexachlorobenzene
Concen: 39.943 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:284 Resp: 154532
Ion Ratio Lower Upper
284 100
142 24.0 19.2 28.8
249 29.8 23.8 35.8





#69

Atrazine

Concen: 40.239 ng

RT: 11.104 min Scan# 1515

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

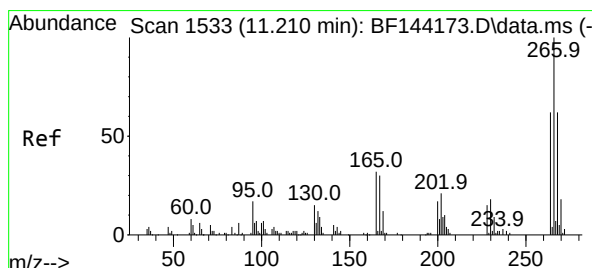
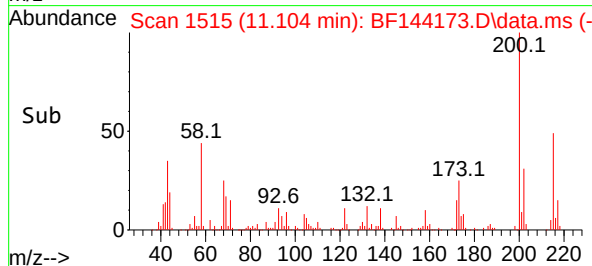
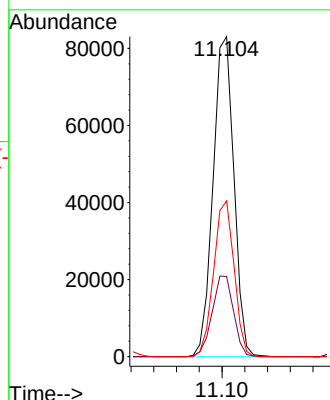
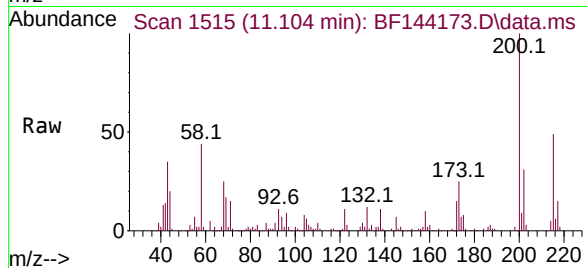
Tgt Ion:200 Resp: 105912

Ion Ratio Lower Upper

200 100

173 25.0 5.0 45.0

215 48.7 28.7 68.7



#70

Pentachlorophenol

Concen: 41.685 ng

RT: 11.210 min Scan# 1533

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

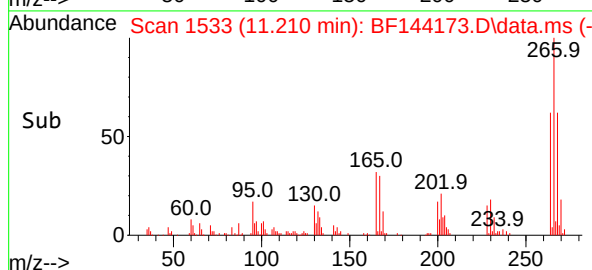
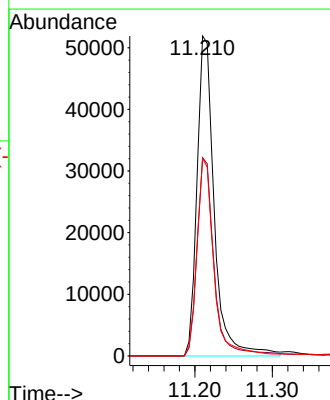
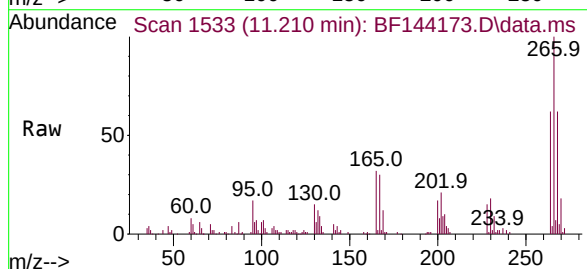
Tgt Ion:266 Resp: 80306

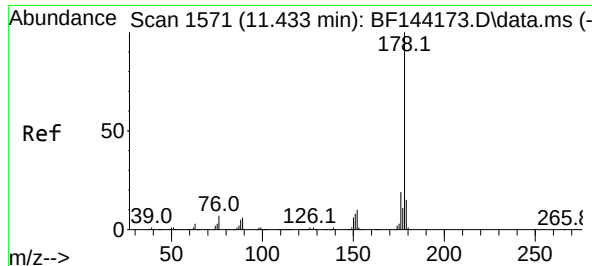
Ion Ratio Lower Upper

266 100

268 61.9 49.5 74.3

264 61.8 49.4 74.2

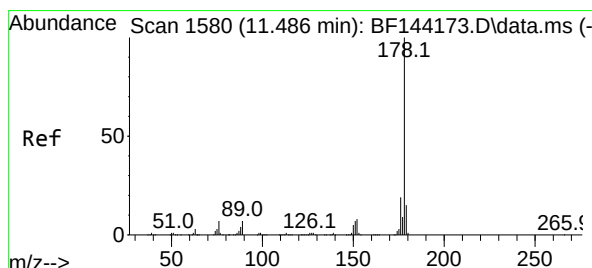
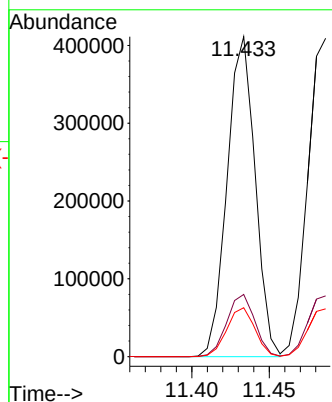
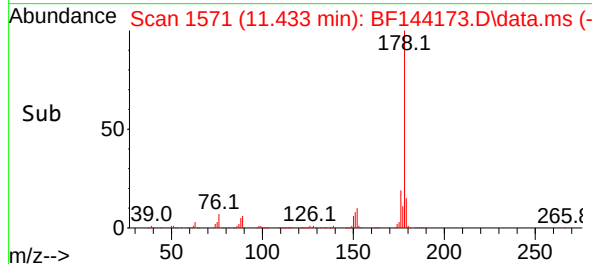
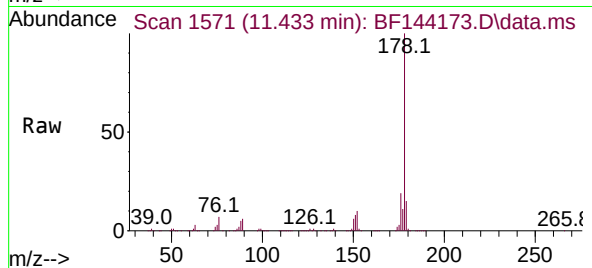




#71
Phenanthrene
Concen: 40.513 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

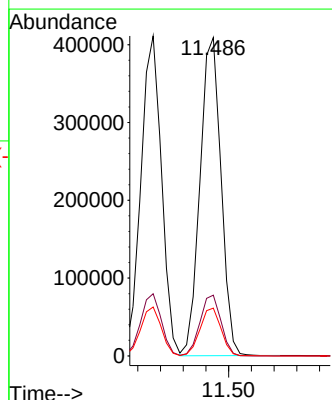
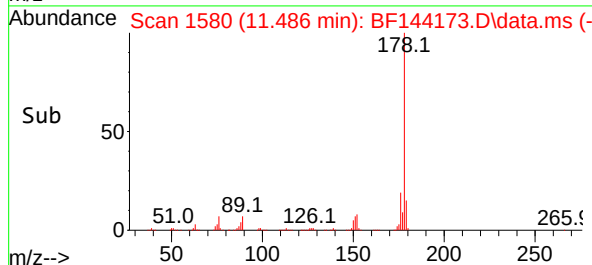
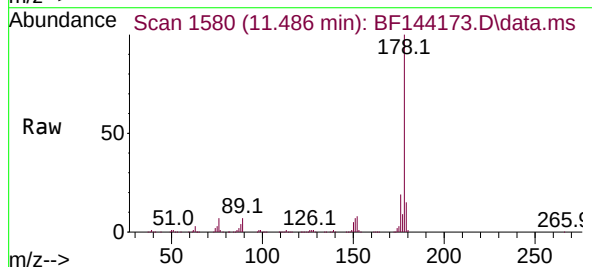
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

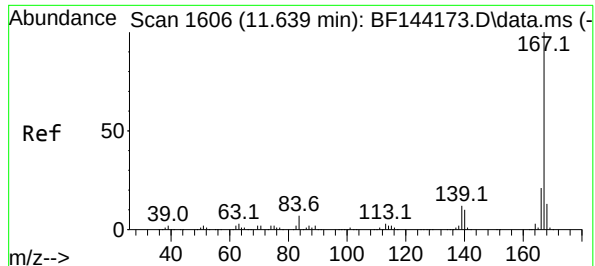
Tgt Ion:178 Resp: 519052
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.3 12.2 18.4



#72
Anthracene
Concen: 40.372 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:178 Resp: 525954
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.0 12.0 18.0

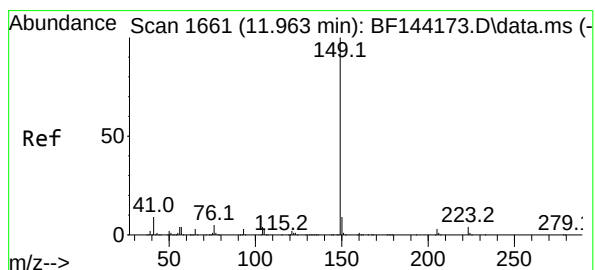
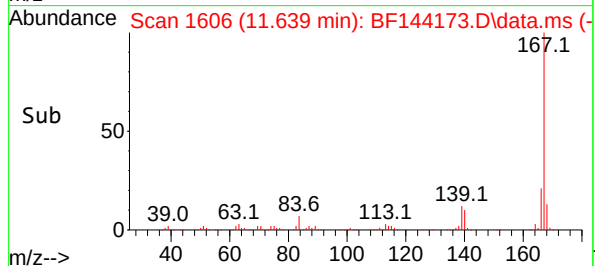
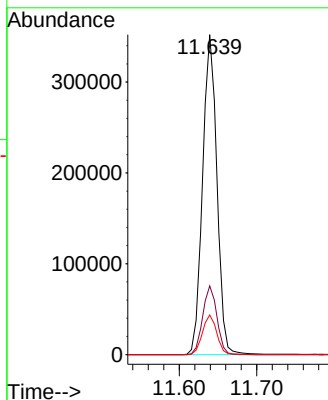
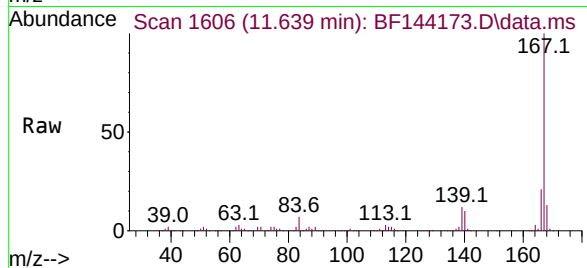




#73
Carbazole
Concen: 40.796 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

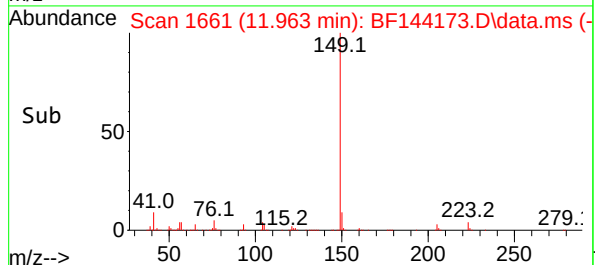
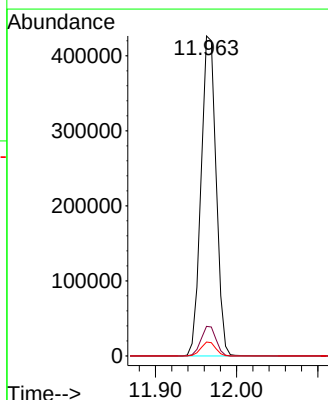
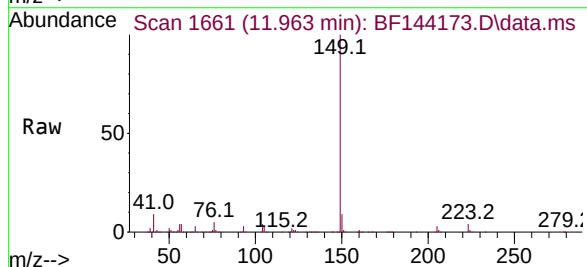
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

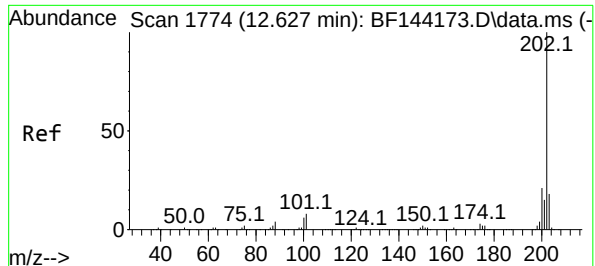
Tgt Ion:167 Resp: 451935
Ion Ratio Lower Upper
167 100
166 21.5 17.2 25.8
139 12.4 9.9 14.9



#74
Di-n-butylphthalate
Concen: 41.117 ng
RT: 11.963 min Scan# 1661
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:149 Resp: 550628
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 4.3 3.4 5.2

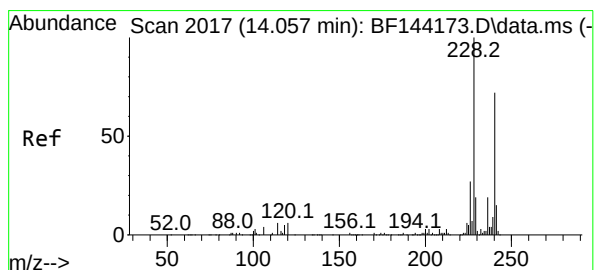
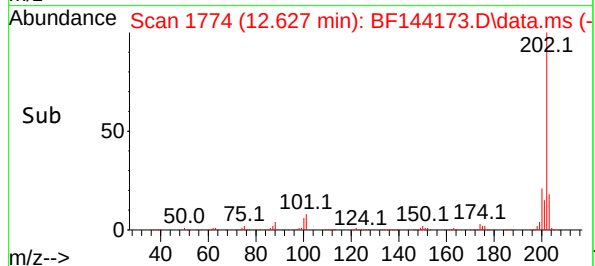
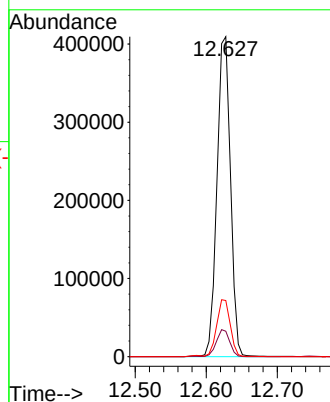
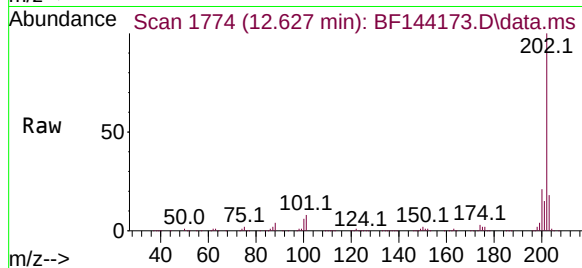




#75
Fluoranthene
Concen: 40.992 ng
RT: 12.627 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

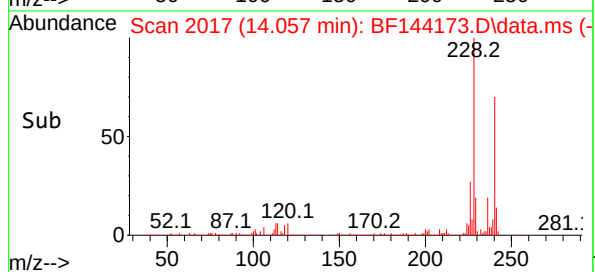
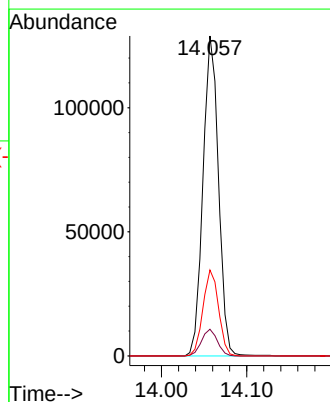
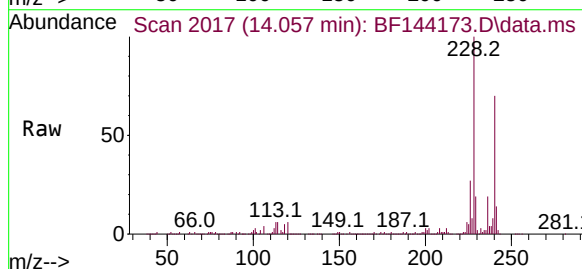
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

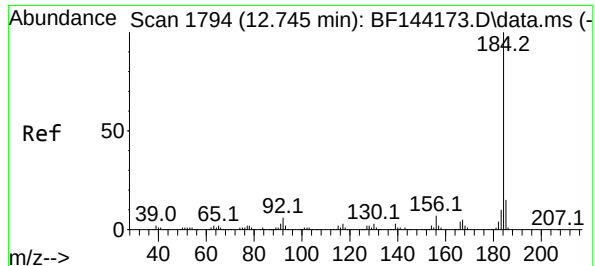
Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.9	0.0	27.9
203	17.5	0.0	37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.3	6.6	10.0
236	26.8	21.4	32.2





#77

Benzidine

Concen: 42.178 ng

RT: 12.745 min Scan# 1794

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

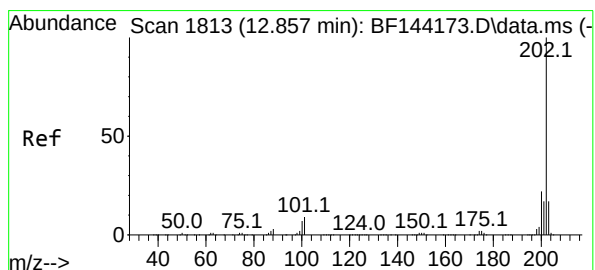
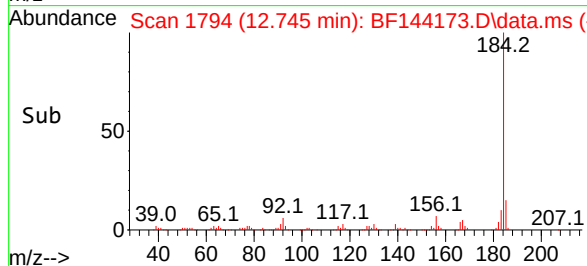
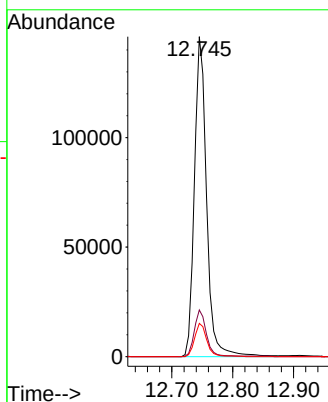
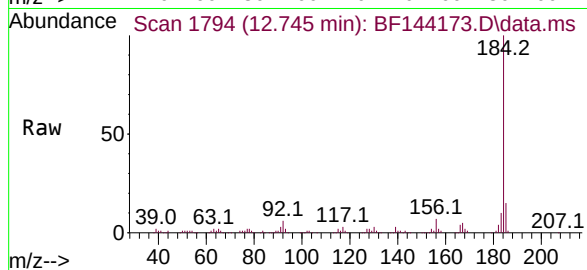
Tgt Ion:184 Resp: 202921

Ion Ratio Lower Upper

184 100

185 14.6 11.7 17.5

183 10.4 8.3 12.5



#78

Pyrene

Concen: 42.272 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

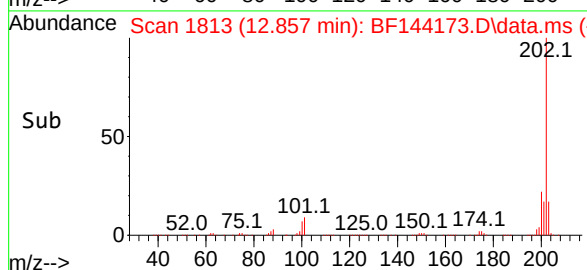
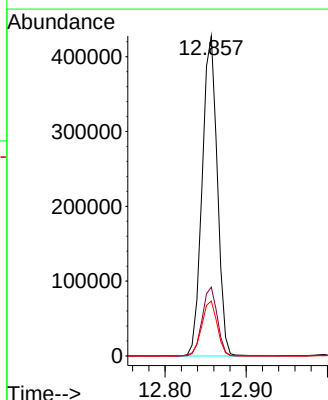
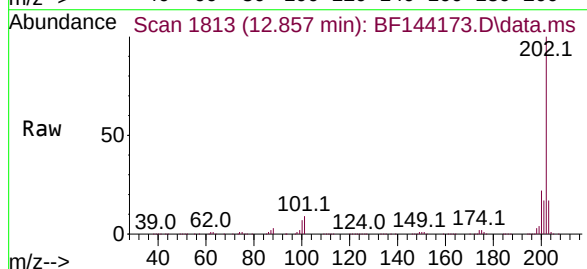
Tgt Ion:202 Resp: 554374

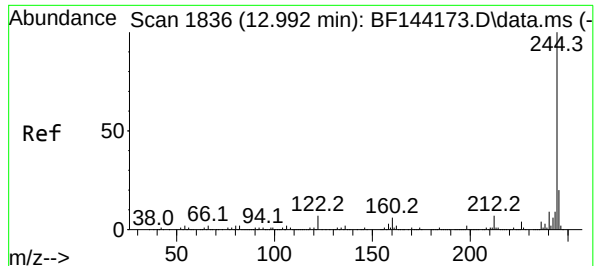
Ion Ratio Lower Upper

202 100

200 21.5 17.2 25.8

203 17.1 13.7 20.5





#79

Terphenyl-d14

Concen: 83.645 ng

RT: 12.992 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

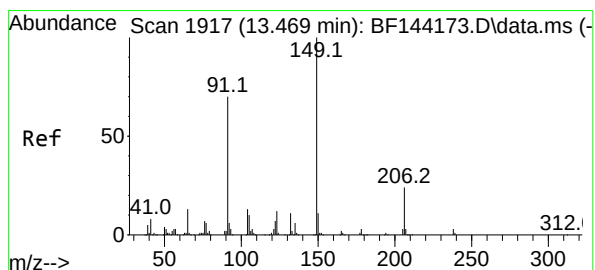
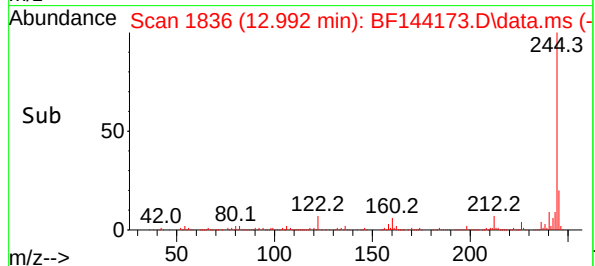
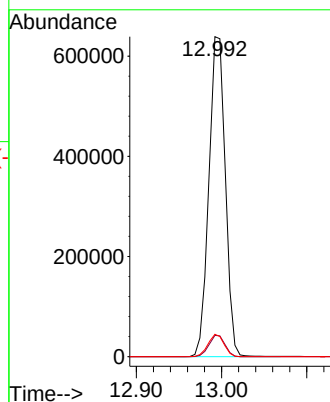
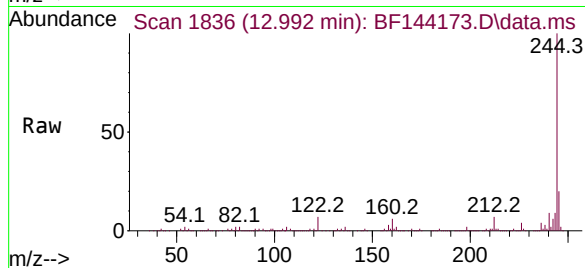
Tgt Ion:244 Resp: 856515

Ion Ratio Lower Upper

244 100

212 6.6 5.3 7.9

122 7.0 5.6 8.4



#80

Butylbenzylphthalate

Concen: 42.209 ng

RT: 13.469 min Scan# 1917

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

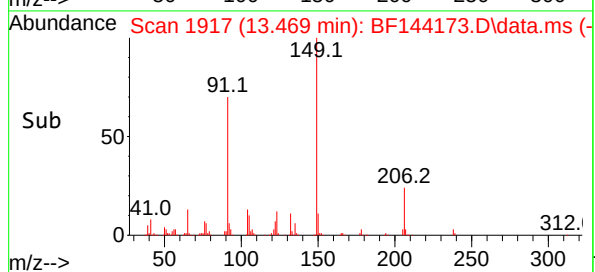
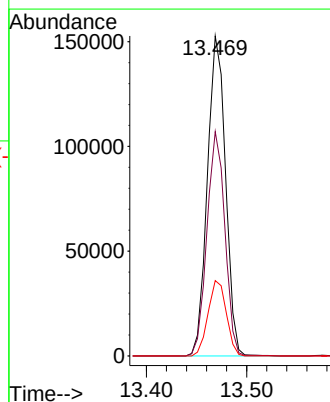
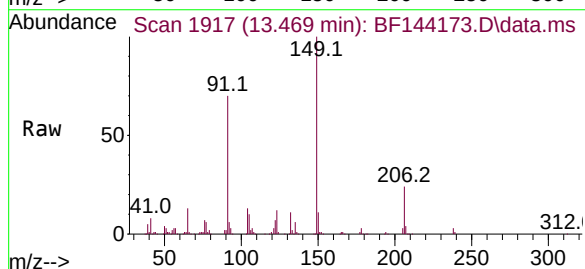
Tgt Ion:149 Resp: 191850

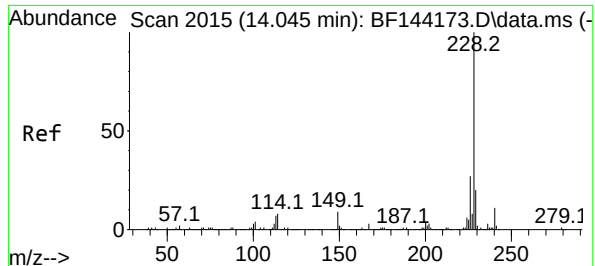
Ion Ratio Lower Upper

149 100

91 70.1 56.1 84.1

206 23.5 18.8 28.2





#81

Benzo(a)anthracene

Concen: 41.267 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

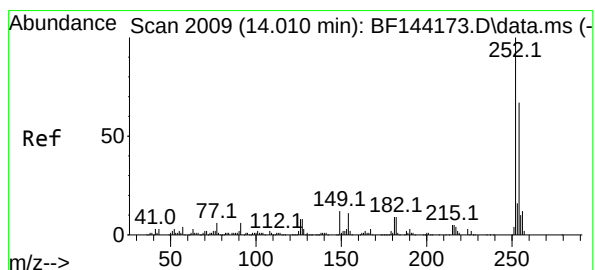
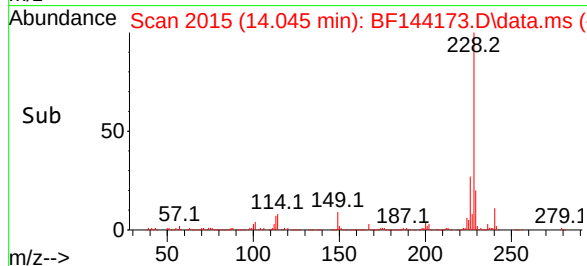
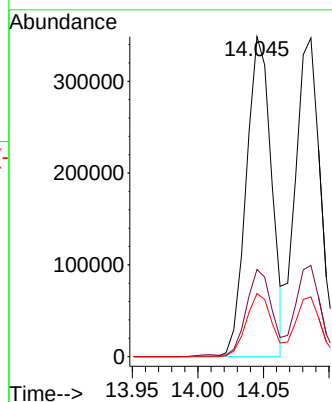
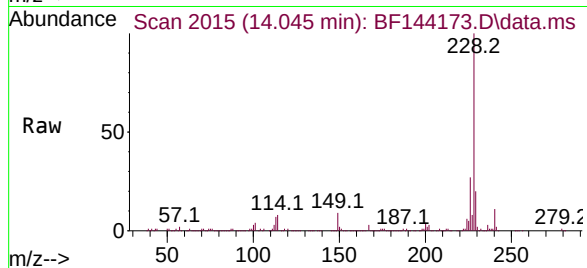
Tgt Ion:228 Resp: 465201

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

229 19.7 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 40.620 ng

RT: 14.010 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

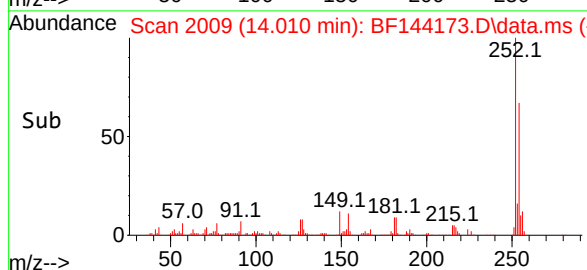
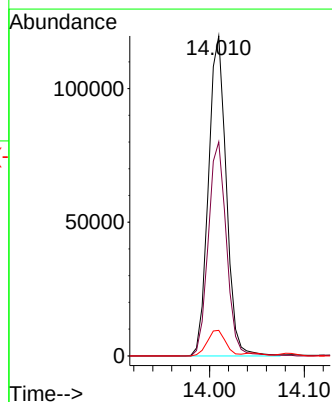
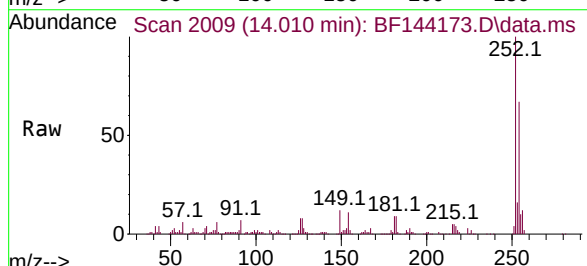
Tgt Ion:252 Resp: 156957

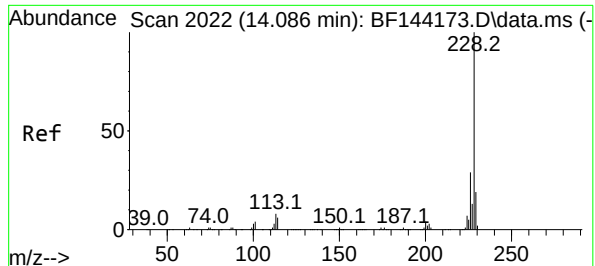
Ion Ratio Lower Upper

252 100

254 66.9 53.5 80.3

126 8.0 6.4 9.6

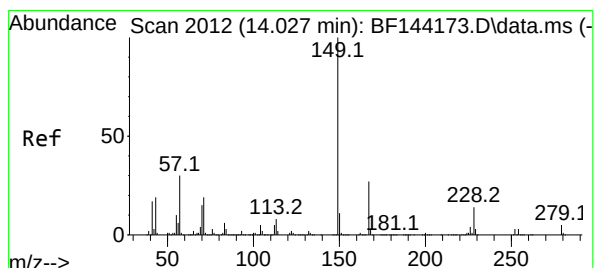
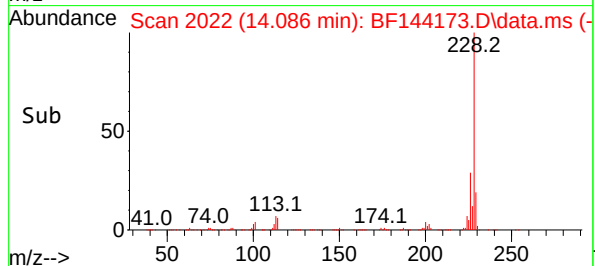
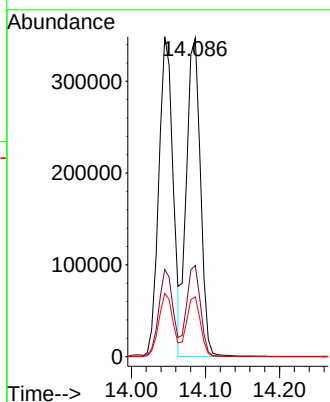
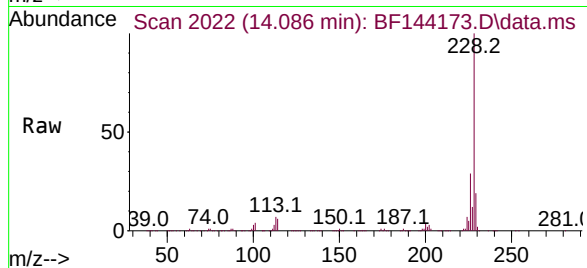




#83
Chrysene
Concen: 43.853 ng
RT: 14.086 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

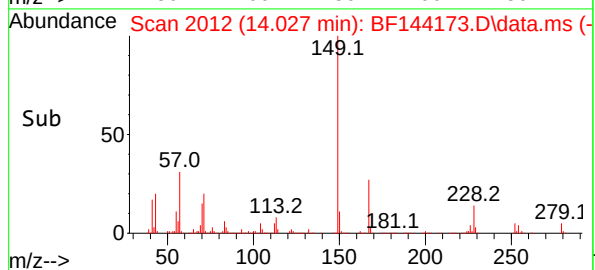
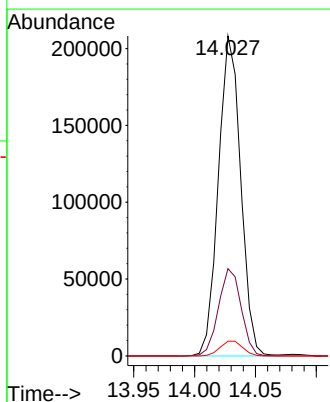
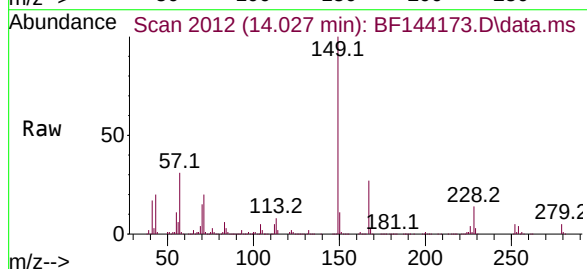
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

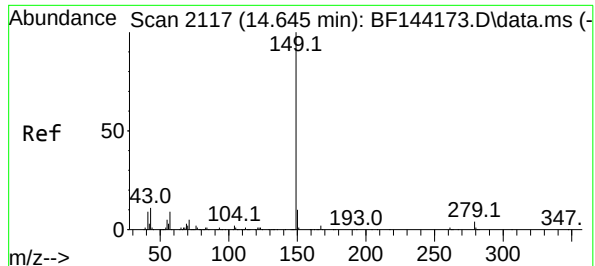
Tgt Ion:228 Resp: 456347
Ion Ratio Lower Upper
228 100
226 28.6 22.9 34.3
229 18.8 15.0 22.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.651 ng
RT: 14.027 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:149 Resp: 265384
Ion Ratio Lower Upper
149 100
167 27.3 21.8 32.8
279 4.6 3.7 5.5

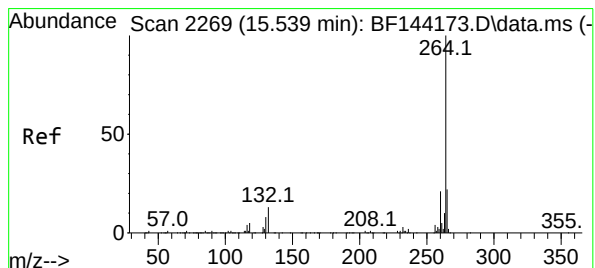
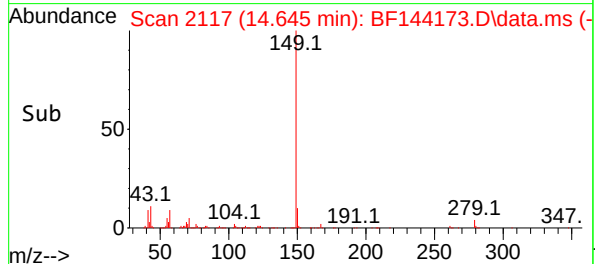
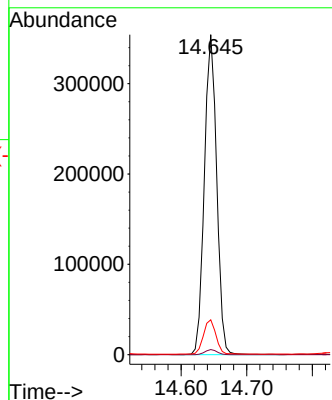
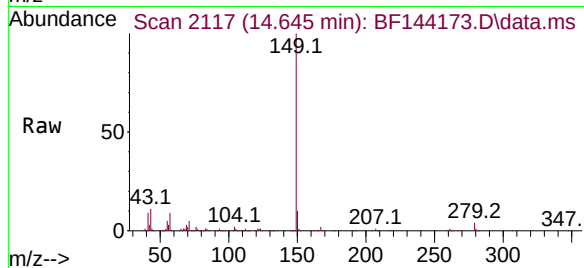




#85
Di-n-octyl phthalate
Concen: 42.739 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

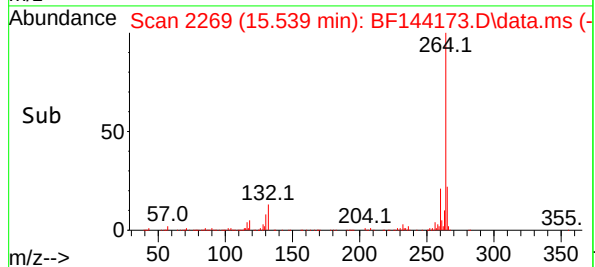
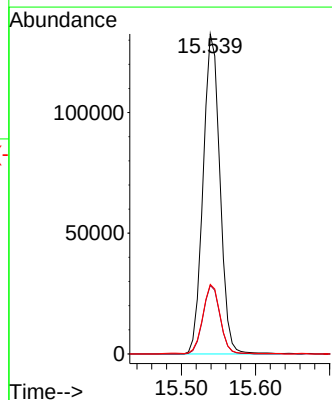
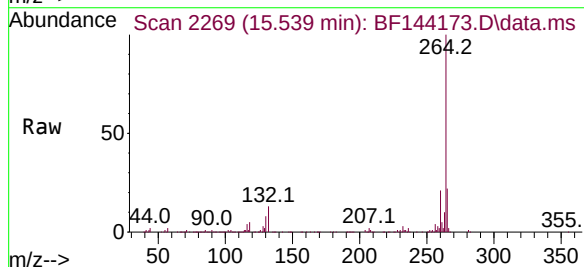
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

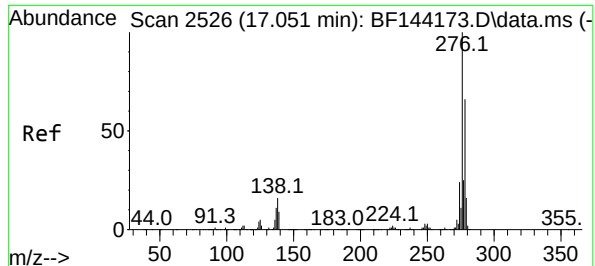
Tgt Ion:149 Resp: 458823
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.2 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:264 Resp: 208923
Ion Ratio Lower Upper
264 100
260 21.4 17.1 25.7
265 21.7 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.385 ng

RT: 17.051 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

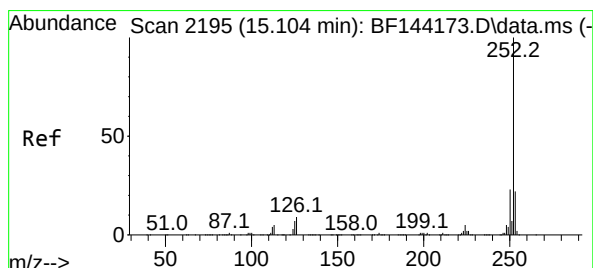
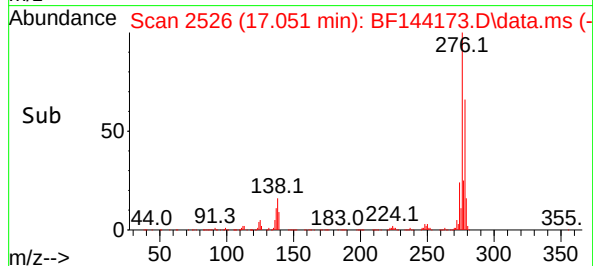
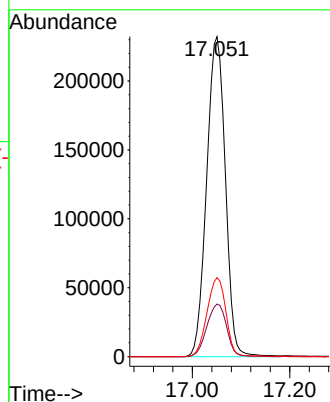
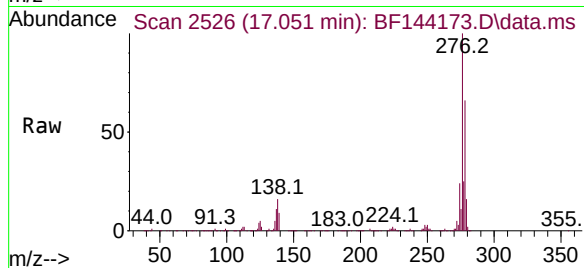
Tgt Ion:276 Resp: 620668

Ion Ratio Lower Upper

276 100

138 17.4 13.9 20.9

277 24.7 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 43.375 ng

RT: 15.104 min Scan# 2195

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

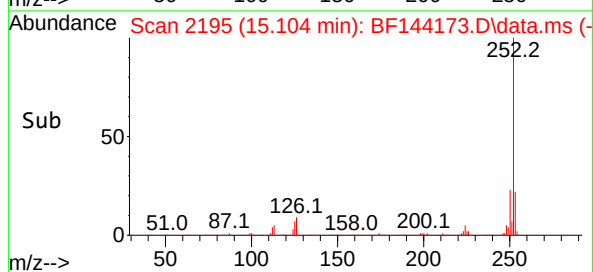
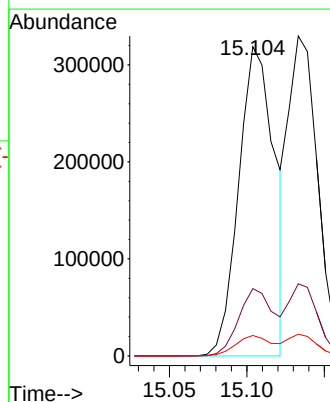
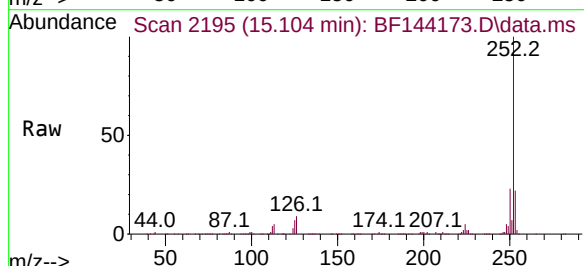
Tgt Ion:252 Resp: 515192

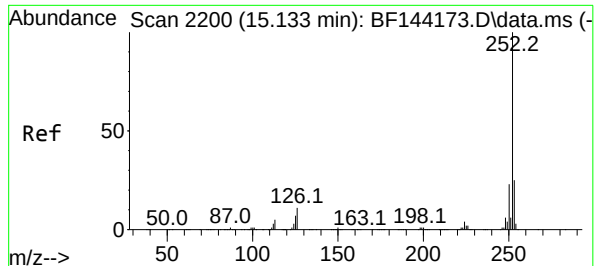
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 6.6 5.3 7.9





#89

Benzo(k)fluoranthene

Concen: 39.135 ng

RT: 15.133 min Scan# 2200

Delta R.T. -0.012 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

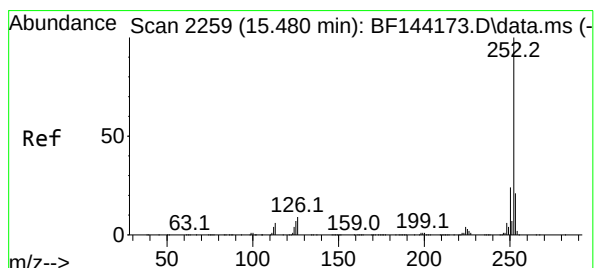
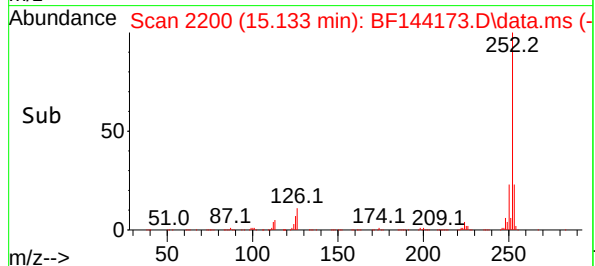
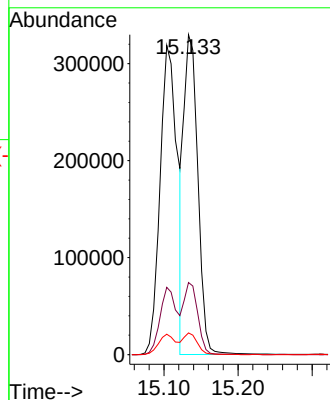
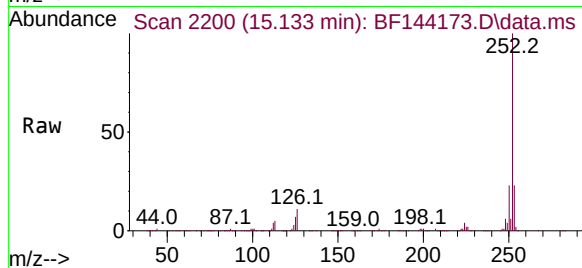
Tgt Ion:252 Resp: 435087

Ion Ratio Lower Upper

252 100

253 22.5 18.0 27.0

125 6.8 5.4 8.2



#90

Benzo(a)pyrene

Concen: 41.055 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

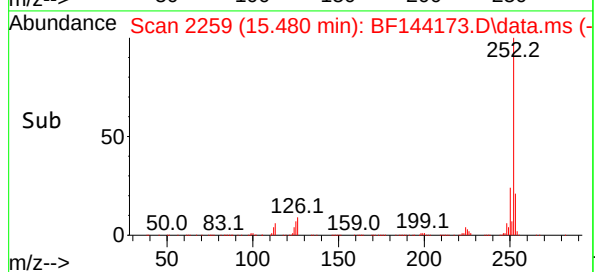
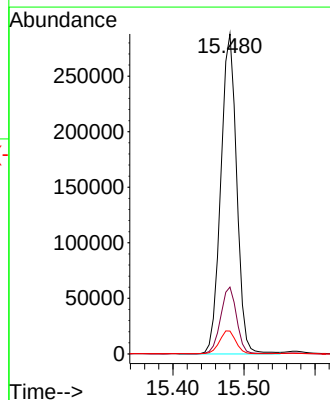
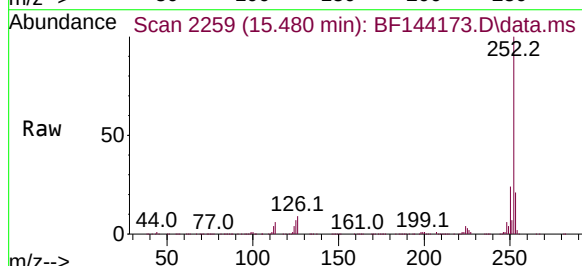
Tgt Ion:252 Resp: 449869

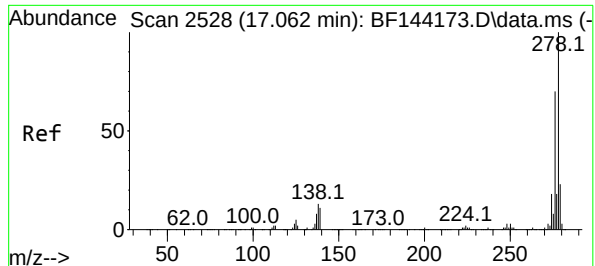
Ion Ratio Lower Upper

252 100

253 20.9 16.7 25.1

125 7.1 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 41.578 ng

RT: 17.062 min Scan# 2528

Delta R.T. -0.018 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

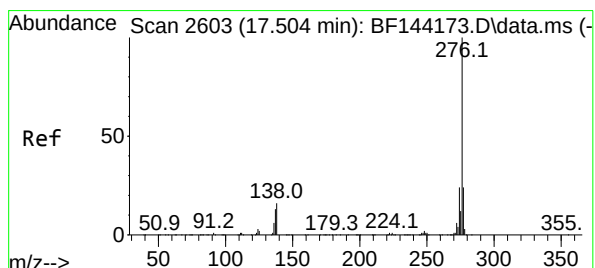
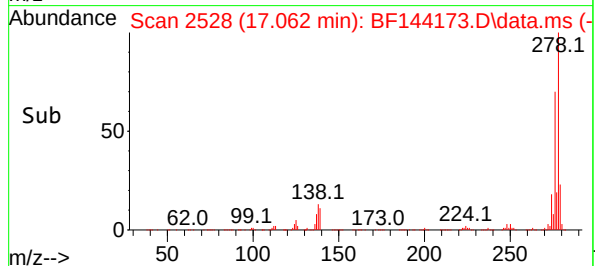
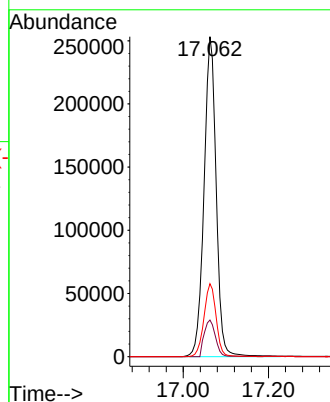
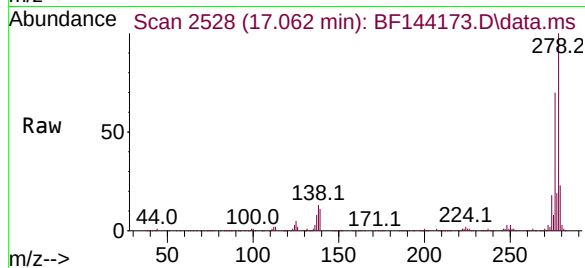
Tgt Ion:278 Resp: 500778

Ion Ratio Lower Upper

278 100

139 11.4 9.1 13.7

279 22.8 18.2 27.4



#92

Benzo(g,h,i)perylene

Concen: 41.843 ng

RT: 17.504 min Scan# 2603

Delta R.T. -0.018 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

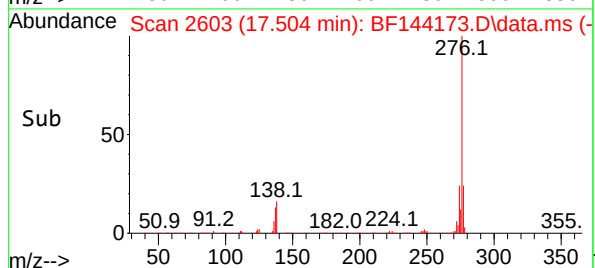
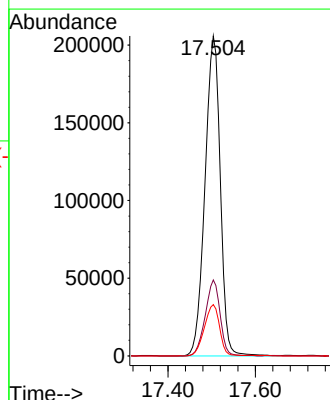
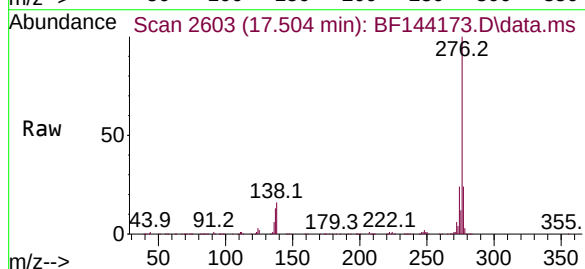
Tgt Ion:276 Resp: 497680

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.4

138 16.1 12.9 19.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144174.D
 Acq On : 05 Nov 2025 15:49
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Nov 05 17:24:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	84549	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	313425	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	170294	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	283828	20.000	ng	0.00
76) Chrysene-d12	14.063	240	194366	20.000	ng	0.00
86) Perylene-d12	15.545	264	264861	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	489170	90.538	ng	0.00
7) Phenol-d6	6.504	99	541465	88.447	ng	0.00
23) Nitrobenzene-d5	7.439	82	502493	92.595	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	192917	90.275	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1002454	86.941	ng	0.00
79) Terphenyl-d14	12.998	244	1012618	82.754	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.605	88	105785	47.358	ng	97
3) Pyridine	3.375	79	291313	46.746	ng	98
4) n-Nitrosodimethylamine	3.334	42	152767	46.930	ng	98
6) Aniline	6.540	93	389058	44.605	ng	99
8) 2-Chlorophenol	6.663	128	243472	45.950	ng	99
9) Benzaldehyde	6.428	77	141949	41.062	ng	97
10) Phenol	6.522	94	330203	44.146	ng	92
11) bis(2-Chloroethyl)ether	6.610	93	244159	44.798	ng	97
12) 1,3-Dichlorobenzene	6.816	146	295294	45.164	ng	98
13) 1,4-Dichlorobenzene	6.892	146	290027	44.277	ng	100
14) 1,2-Dichlorobenzene	7.045	146	280070	44.609	ng	99
15) Benzyl Alcohol	7.016	79	221836	45.762	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	453774	45.212	ng	98
17) 2-Methylphenol	7.128	107	189260	44.899	ng	100
18) Hexachloroethane	7.387	117	98682	45.346	ng	100
19) n-Nitroso-di-n-propyla...	7.287	70	171911	42.657	ng	95
20) 3+4-Methylphenols	7.281	107	217734	43.819	ng	92
22) Acetophenone	7.287	105	297391	44.230	ng	96
24) Nitrobenzene	7.463	77	268336	45.541	ng	98
25) Isophorone	7.698	82	455511	44.376	ng	98
26) 2-Nitrophenol	7.775	139	136351	46.747	ng	97
27) 2,4-Dimethylphenol	7.810	122	204079	46.681	ng	97
28) bis(2-Chloroethoxy)met...	7.904	93	291202	45.429	ng	98
29) 2,4-Dichlorophenol	8.016	162	226748	45.001	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	231992	44.838	ng	99
31) Naphthalene	8.181	128	665821	44.658	ng	99
32) Benzoic acid	7.928	122	129332	40.359	ng	98
33) 4-Chloroaniline	8.228	127	241956	44.496	ng	99
34) Hexachlorobutadiene	8.292	225	181564	46.562	ng	98
35) Caprolactam	8.604	113	58430	42.327	ng	# 88
36) 4-Chloro-3-methylphenol	8.710	107	202891	44.930	ng	96
37) 2-Methylnaphthalene	8.875	142	438395	43.979	ng	99
38) 1-Methylnaphthalene	8.969	142	419784	43.644	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	250210	44.832	ng	98
41) Hexachlorocyclopentadiene	9.022	237	86860	48.007	ng	97
43) 2,4,6-Trichlorophenol	9.151	196	174024	45.813	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144174.D
 Acq On : 05 Nov 2025 15:49
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Nov 05 17:24:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

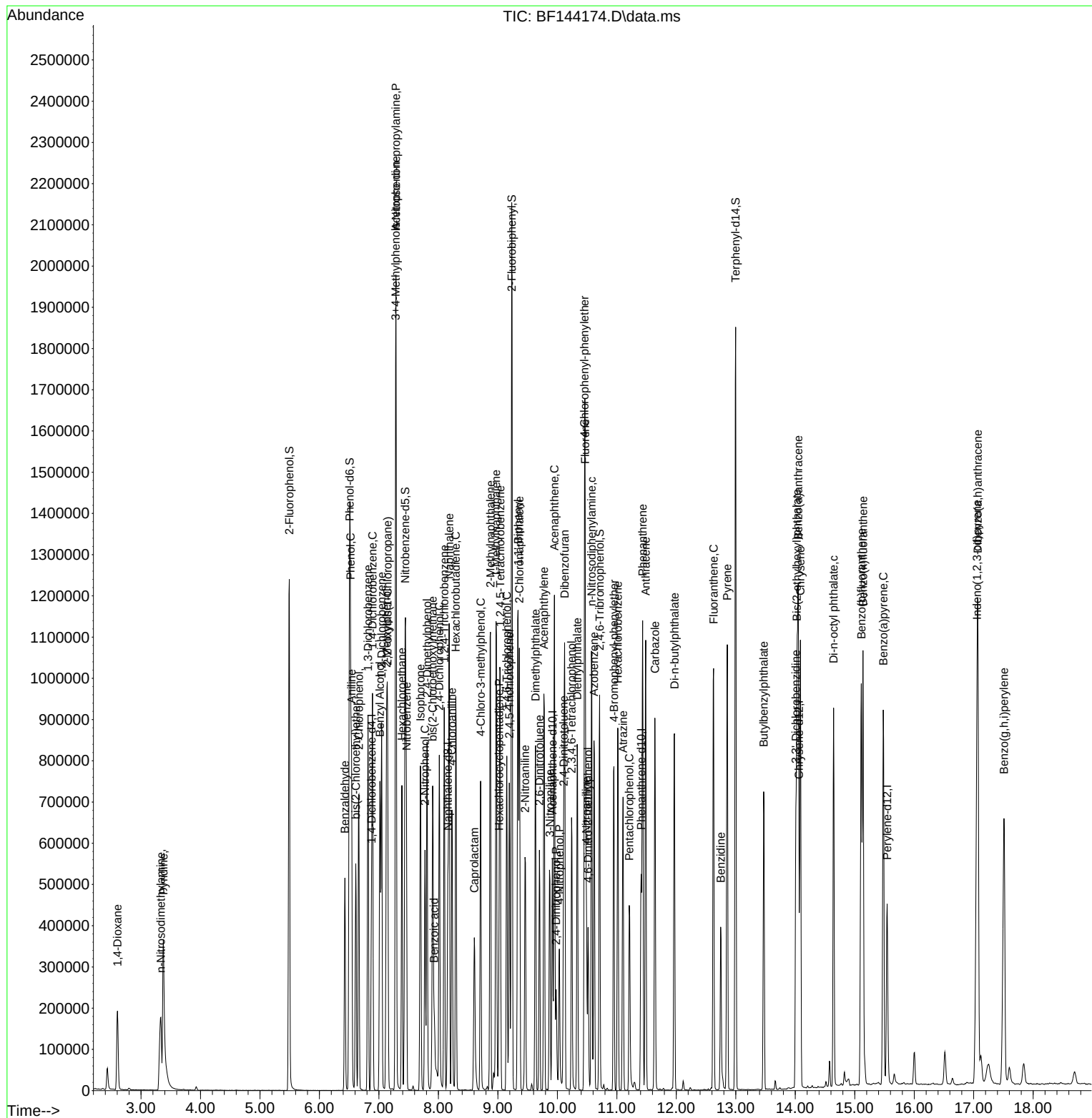
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	186449	45.542	ng	100
46) 1,1'-Biphenyl	9.339	154	527437	44.371	ng	99
47) 2-Chloronaphthalene	9.363	162	454778	44.851	ng	99
48) 2-Nitroaniline	9.457	65	138845	47.458	ng	97
49) Acenaphthylene	9.775	152	613066	44.368	ng	99
50) Dimethylphthalate	9.633	163	497451	44.094	ng	100
51) 2,6-Dinitrotoluene	9.698	165	107091	46.892	ng	99
52) Acenaphthene	9.951	154	407187	44.067	ng	99
53) 3-Nitroaniline	9.875	138	112371	45.012	ng	99
54) 2,4-Dinitrophenol	9.981	184	56551	41.007	ng	97
55) Dibenzofuran	10.122	168	569268	43.989	ng	99
56) 4-Nitrophenol	10.033	139	78636	43.544	ng	98
57) 2,4-Dinitrotoluene	10.104	165	139501	45.629	ng	98
58) Fluorene	10.469	166	424429	43.136	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	134554	46.453	ng	98
60) Diethylphthalate	10.333	149	457569	43.997	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	242650	43.294	ng	96
62) 4-Nitroaniline	10.486	138	108312	45.557	ng	97
63) Azobenzene	10.616	77	423631	43.768	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	85232	44.204	ng	98
66) n-Nitrosodiphenylamine	10.575	169	409670	44.877	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	161600	44.606	ng	99
68) Hexachlorobenzene	11.016	284	193574	45.364	ng	97
69) Atrazine	11.104	200	127465	43.906	ng	99
70) Pentachlorophenol	11.210	266	96941	45.622	ng	97
71) Phenanthrene	11.433	178	633088	44.800	ng	100
72) Anthracene	11.486	178	636448	44.292	ng	99
73) Carbazole	11.639	167	540957	44.273	ng	100
74) Di-n-butylphthalate	11.969	149	650810	44.060	ng	100
75) Fluoranthene	12.627	202	645856	44.244	ng	99
77) Benzidine	12.745	184	248615	43.243	ng	99
78) Pyrene	12.857	202	666673	42.540	ng	100
80) Butylbenzylphthalate	13.469	149	242259	44.602	ng	99
81) Benzo(a)anthracene	14.051	228	626599	46.515	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	214437	46.440	ng	97
83) Chrysene	14.086	228	565678	45.489	ng	98
84) Bis(2-ethylhexyl)phtha...	14.027	149	342489	46.061	ng	99
85) Di-n-octyl phthalate	14.645	149	616644	48.068	ng	100
87) Indeno(1,2,3-cd)pyrene	17.057	276	867786	45.642	ng	99
88) Benzo(b)fluoranthene	15.110	252	663728	44.079	ng	99
89) Benzo(k)fluoranthene	15.139	252	661746	46.952	ng	98
90) Benzo(a)pyrene	15.480	252	637370	45.882	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	688620	45.098	ng	98
92) Benzo(g,h,i)perylene	17.509	276	680830	45.152	ng	99

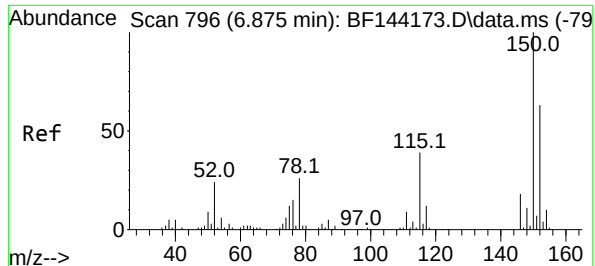
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144174.D
Acq On : 05 Nov 2025 15:49
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Nov 05 17:24:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

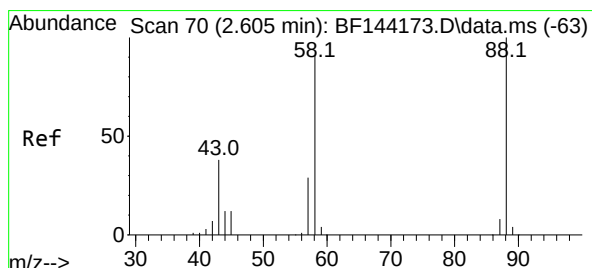
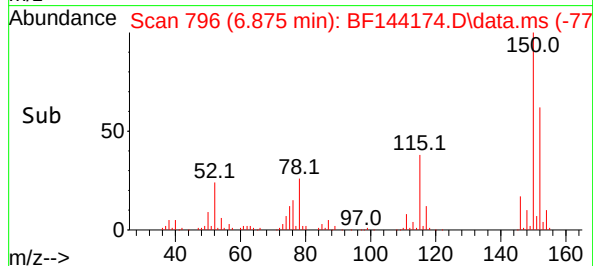
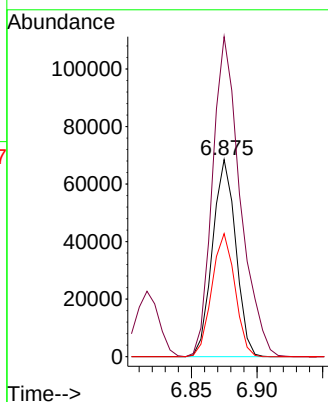
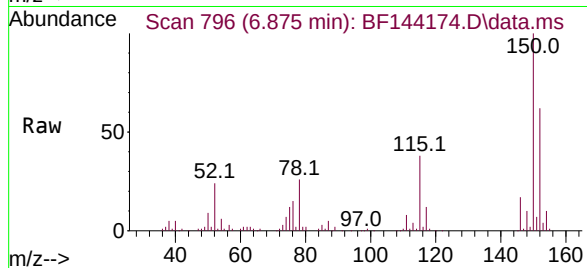




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

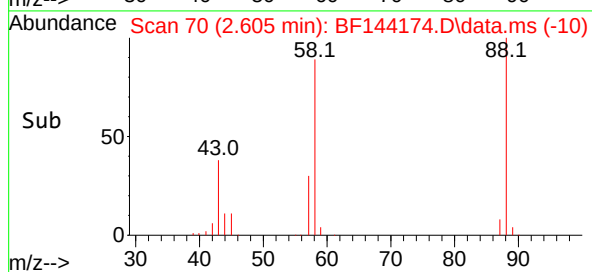
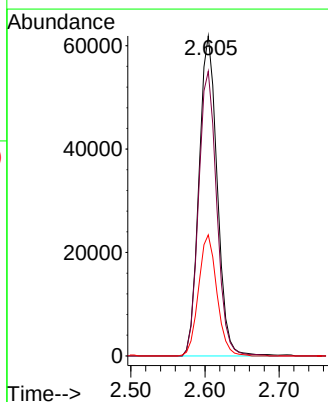
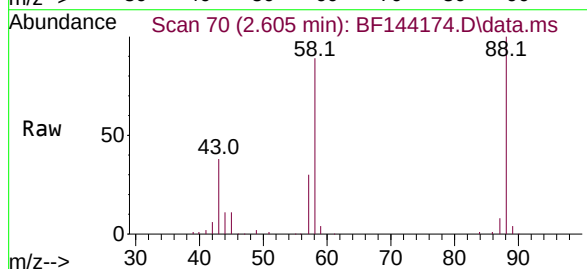
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

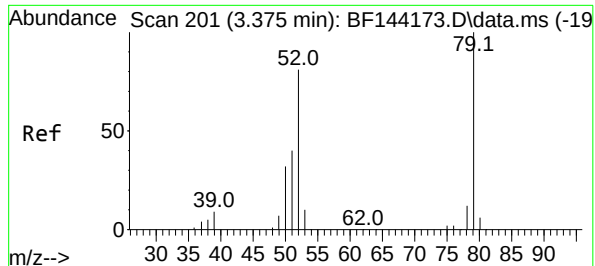
Tgt Ion:152 Resp: 84549
Ion Ratio Lower Upper
152 100
150 162.4 127.4 191.0
115 62.4 49.5 74.3



#2
1,4-Dioxane
Concen: 47.358 ng
RT: 2.605 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion: 88 Resp: 105785
Ion Ratio Lower Upper
88 100
58 88.5 73.1 109.7
43 38.0 31.0 46.6

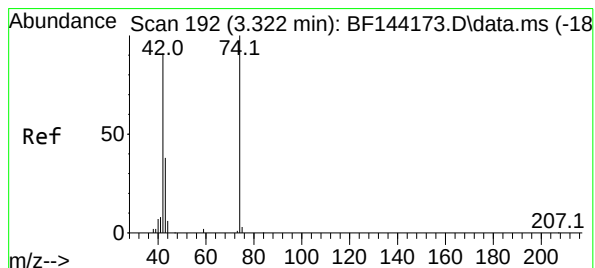
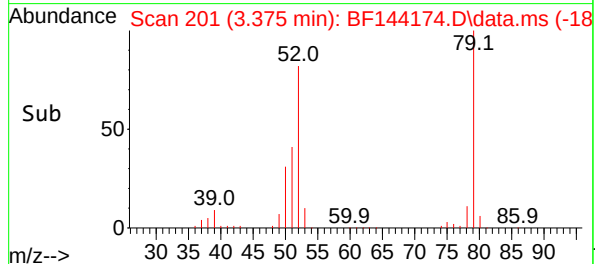
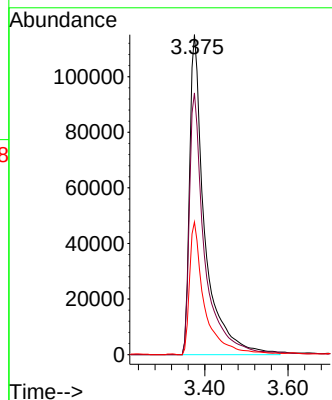
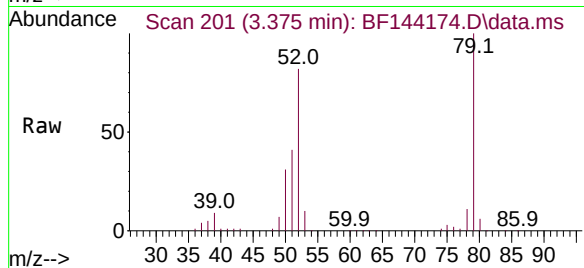




#3
Pyridine
Concen: 46.746 ng
RT: 3.375 min Scan# 201
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

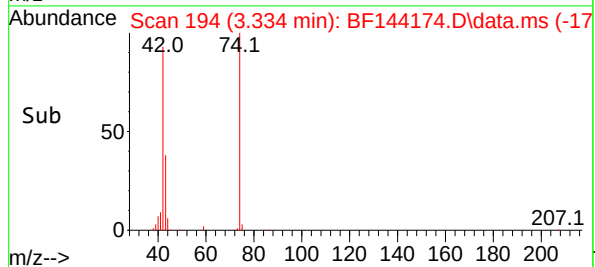
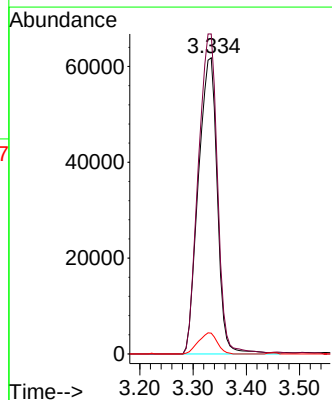
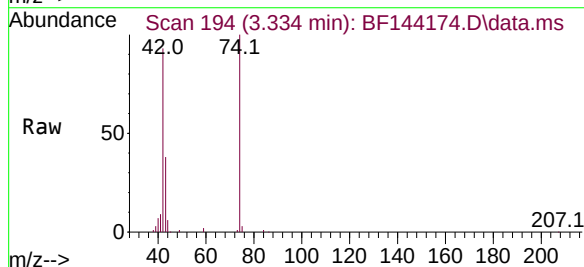
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

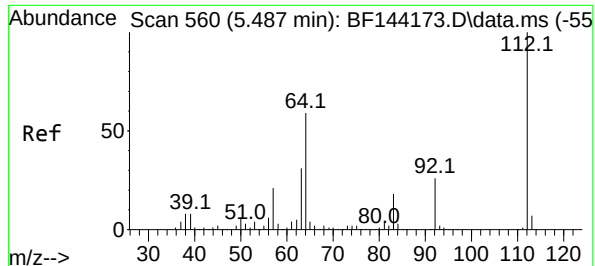
Tgt Ion: 79 Resp: 291313
Ion Ratio Lower Upper
79 100
52 81.8 64.5 96.7
51 41.4 31.7 47.5



#4
n-Nitrosodimethylamine
Concen: 46.930 ng
RT: 3.334 min Scan# 194
Delta R.T. -0.012 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion: 42 Resp: 152767
Ion Ratio Lower Upper
42 100
74 108.1 88.2 132.4
44 7.0 5.7 8.5

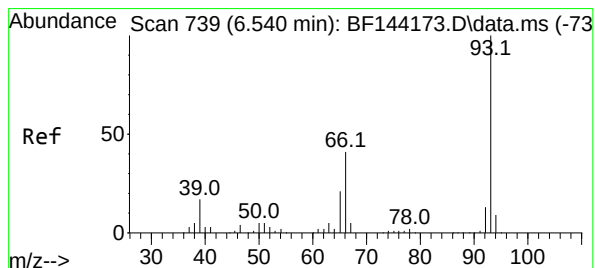
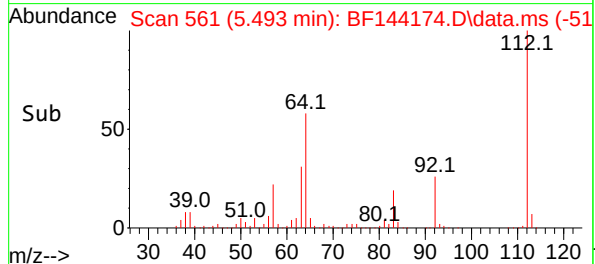
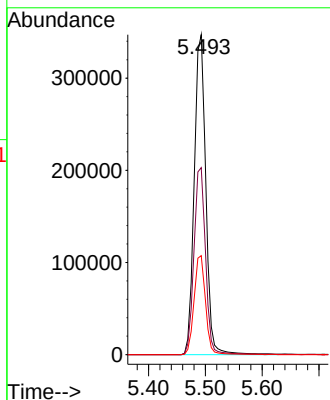
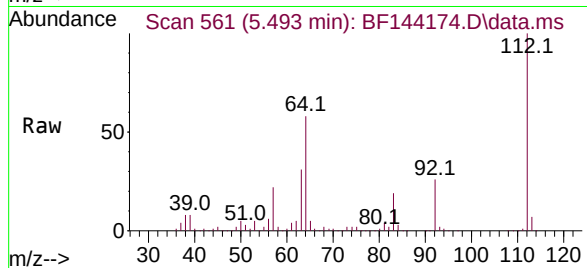




#5
2-Fluorophenol
Concen: 90.538 ng
RT: 5.493 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

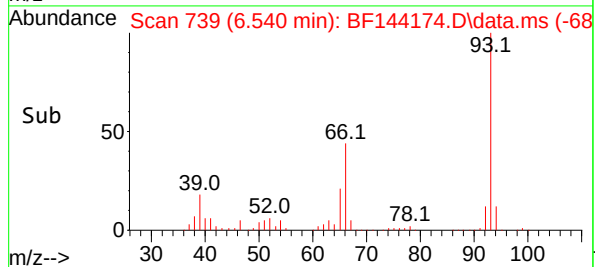
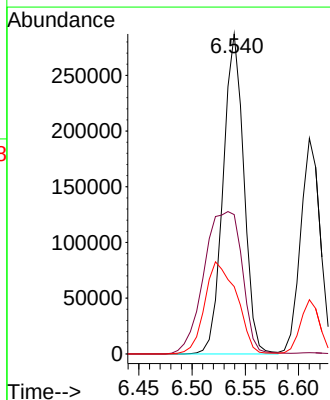
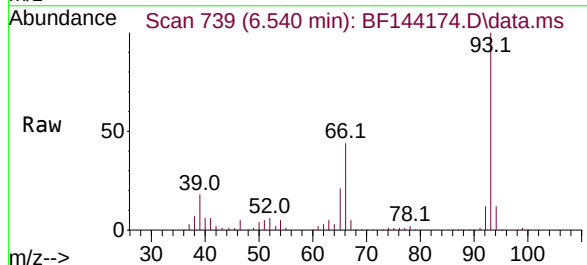
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

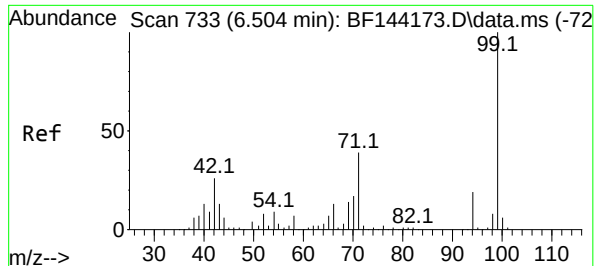
Tgt Ion:112 Resp: 489170
Ion Ratio Lower Upper
112 100
64 58.4 47.2 70.8
63 30.9 24.4 36.6



#6
Aniline
Concen: 44.605 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion: 93 Resp: 389058
Ion Ratio Lower Upper
93 100
66 43.5 34.3 51.5
65 21.0 16.9 25.3

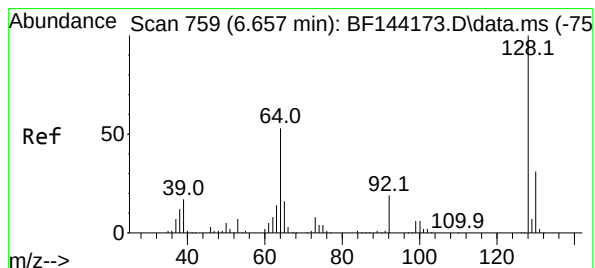
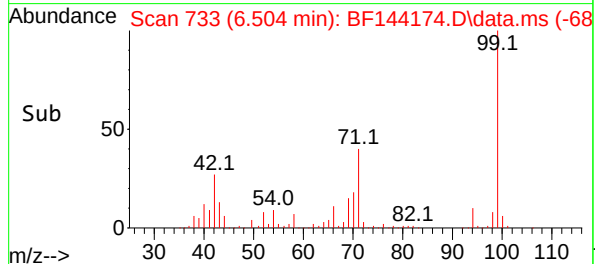
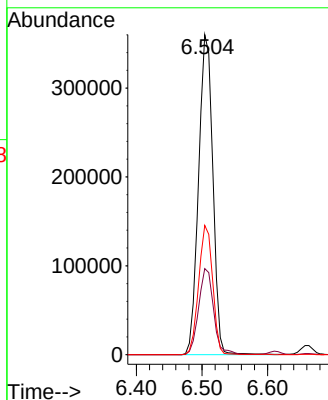
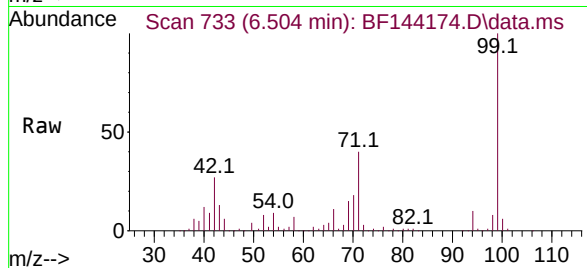




#7
Phenol-d6
Concen: 88.447 ng
RT: 6.504 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

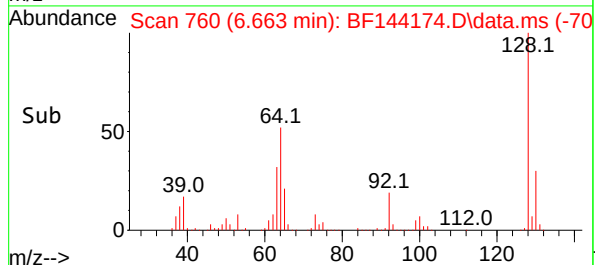
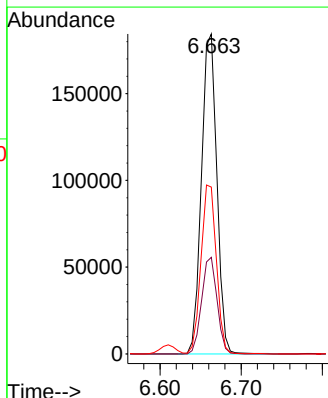
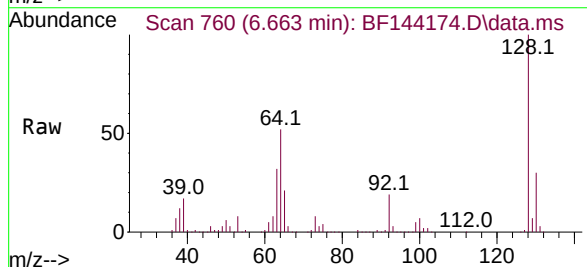
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

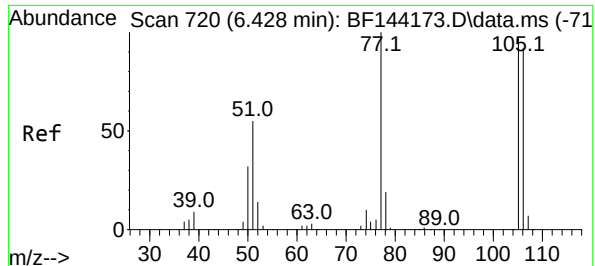
Tgt Ion: 99 Resp: 541465
Ion Ratio Lower Upper
99 100
42 26.9 20.9 31.3
71 40.4 31.4 47.2



#8
2-Chlorophenol
Concen: 45.950 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion: 128 Resp: 243472
Ion Ratio Lower Upper
128 100
130 30.2 10.5 50.5
64 52.1 33.2 73.2





#9

Benzaldehyde

Concen: 41.062 ng

RT: 6.428 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

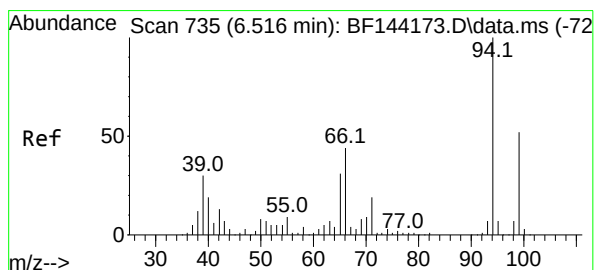
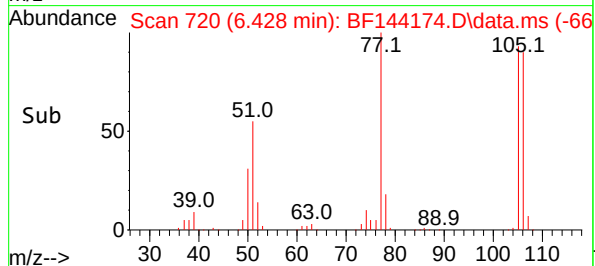
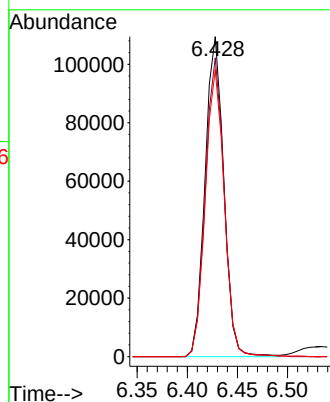
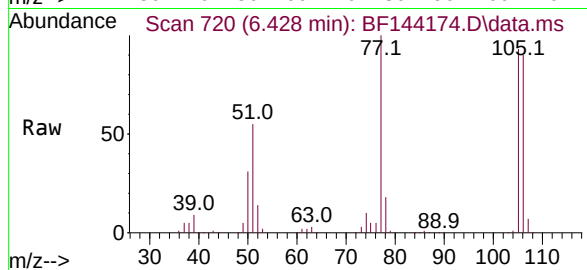
Tgt Ion: 77 Resp: 141949

Ion Ratio Lower Upper

77 100

105 93.4 77.2 117.2

106 89.6 72.2 112.2



#10

Phenol

Concen: 44.146 ng

RT: 6.522 min Scan# 736

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

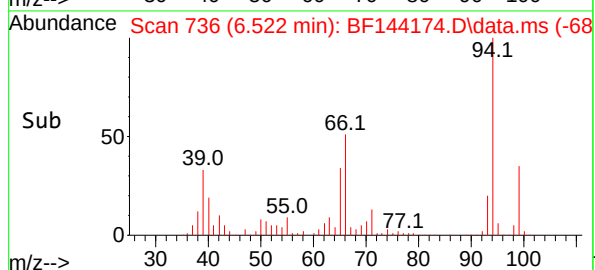
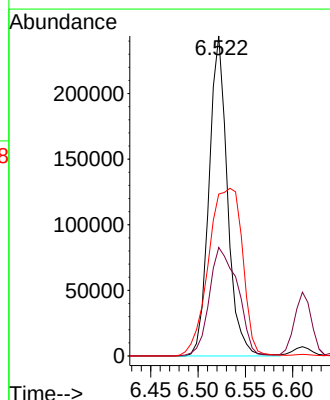
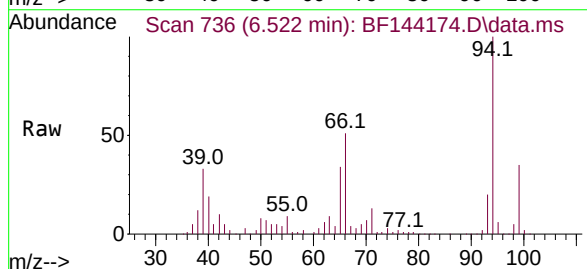
Tgt Ion: 94 Resp: 330203

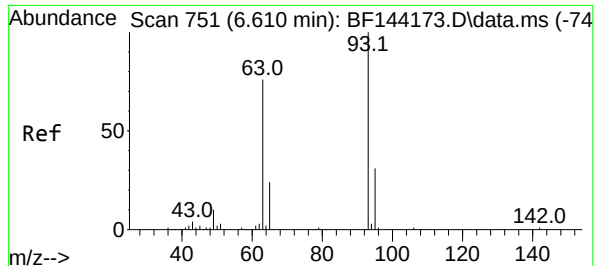
Ion Ratio Lower Upper

94 100

65 33.9 10.8 50.8

66 50.6 24.3 64.3





#11

bis(2-Chloroethyl)ether

Concen: 44.798 ng

RT: 6.610 min Scan# 751

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

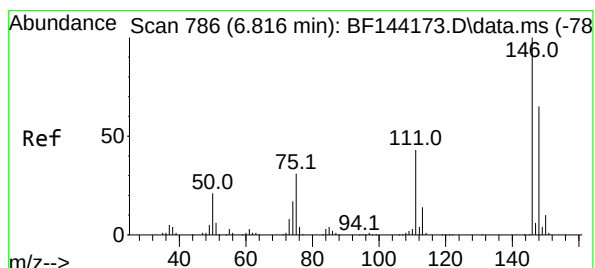
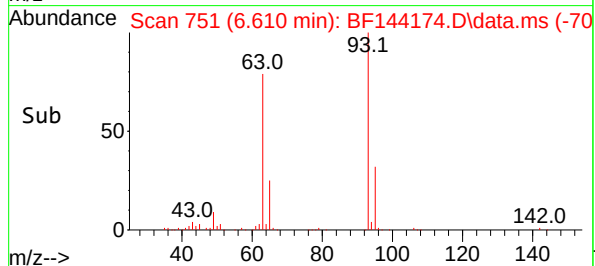
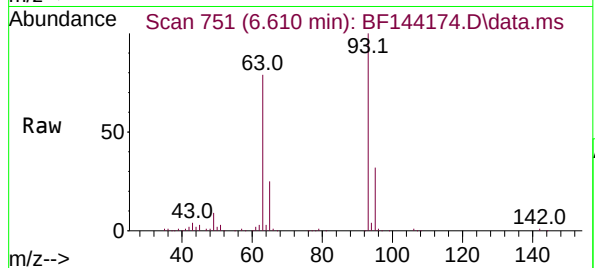
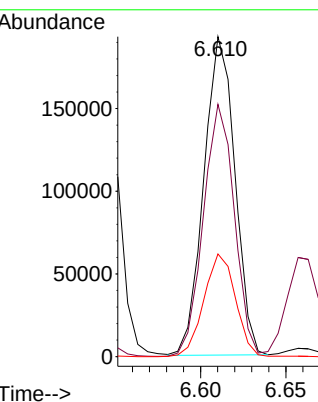
BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 93 Resp: 244159

Ion	Ratio	Lower	Upper
93	100		
63	78.8	55.2	95.2
95	32.1	11.2	51.2



#12

1,3-Dichlorobenzene

Concen: 45.164 ng

RT: 6.816 min Scan# 786

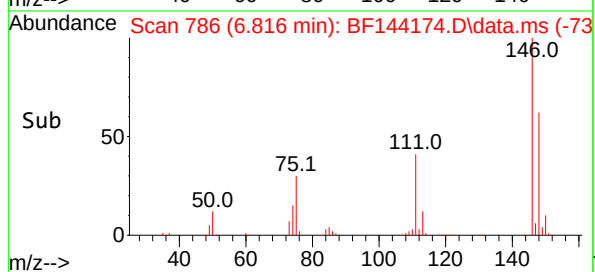
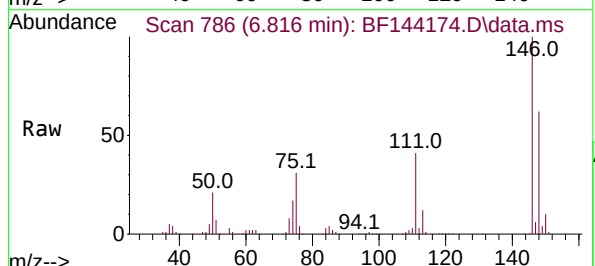
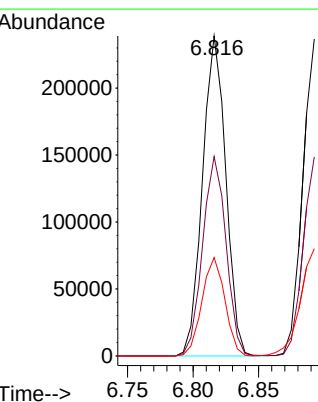
Delta R.T. 0.000 min

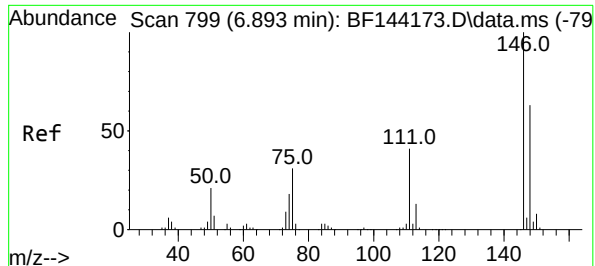
Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Tgt Ion: 146 Resp: 295294

Ion	Ratio	Lower	Upper
146	100		
148	62.3	51.8	77.8
75	30.7	25.0	37.4





#13

1,4-Dichlorobenzene

Concen: 44.277 ng

RT: 6.892 min Scan# 799

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

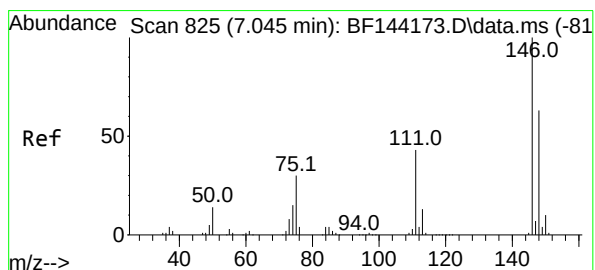
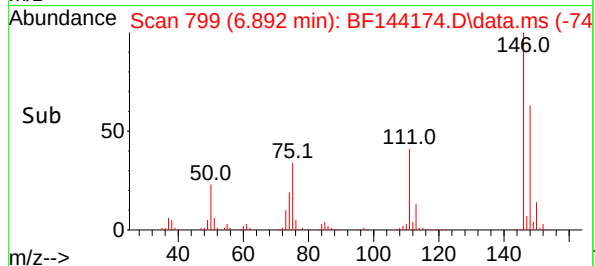
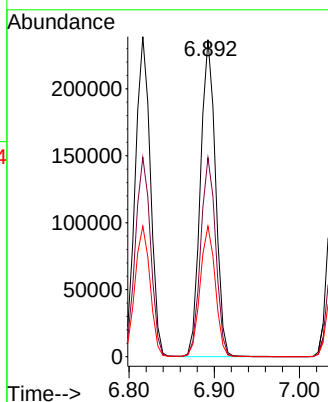
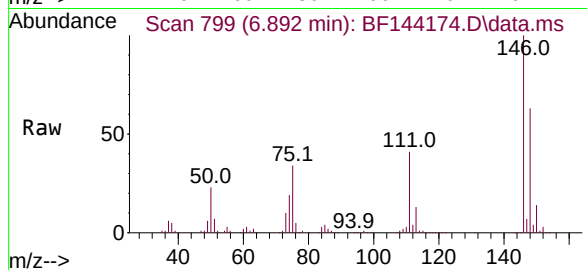
Tgt Ion:146 Resp: 290027

Ion Ratio Lower Upper

146 100

148 62.8 50.2 75.2

111 41.2 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 44.609 ng

RT: 7.045 min Scan# 825

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

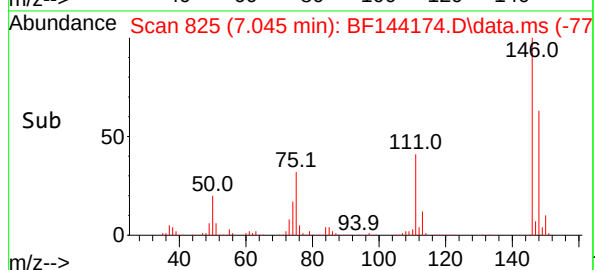
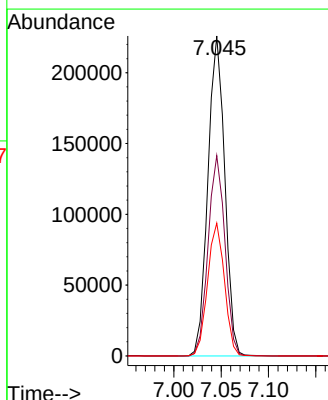
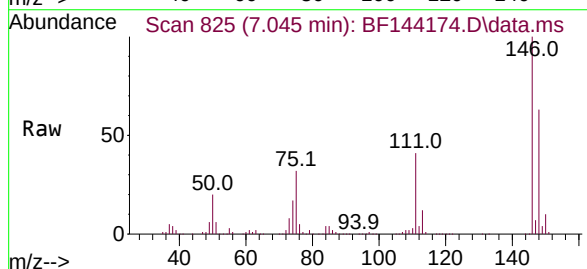
Tgt Ion:146 Resp: 280070

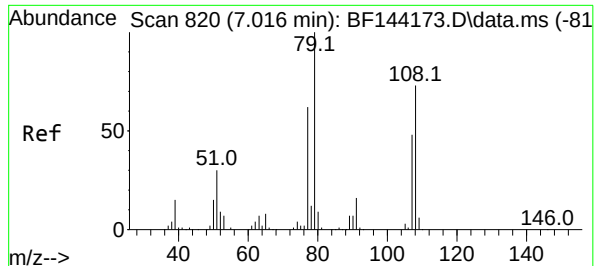
Ion Ratio Lower Upper

146 100

148 62.6 50.7 76.1

111 41.5 34.2 51.4

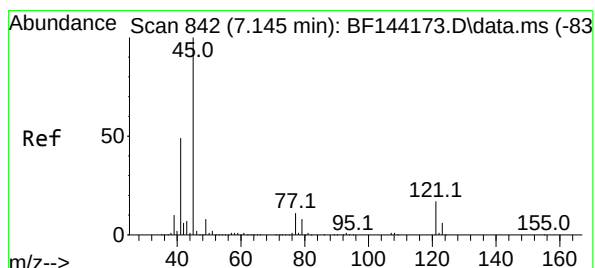
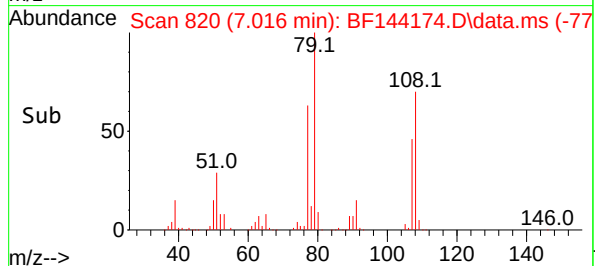
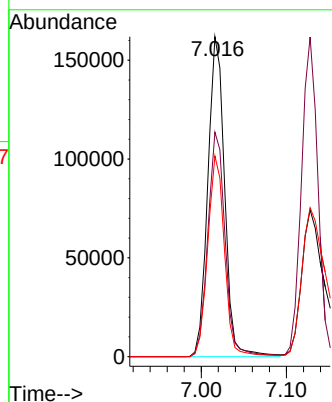
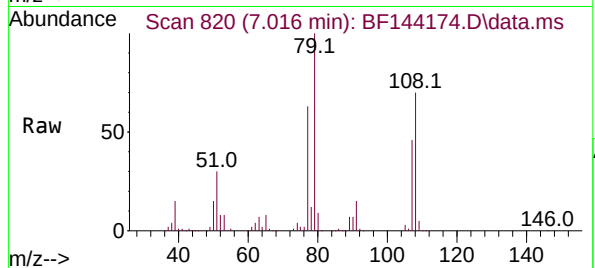




#15
Benzyl Alcohol
Concen: 45.762 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

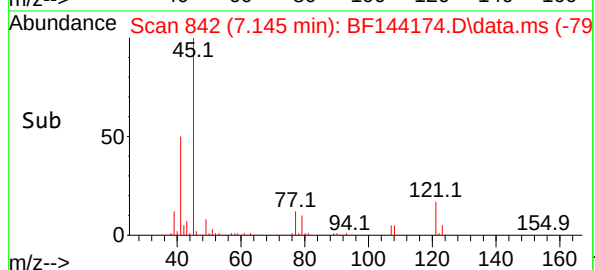
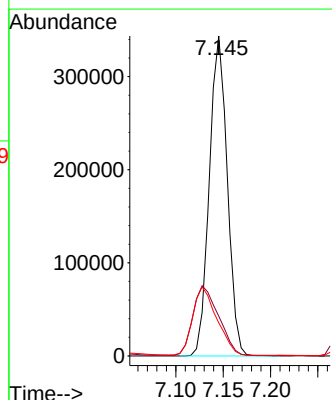
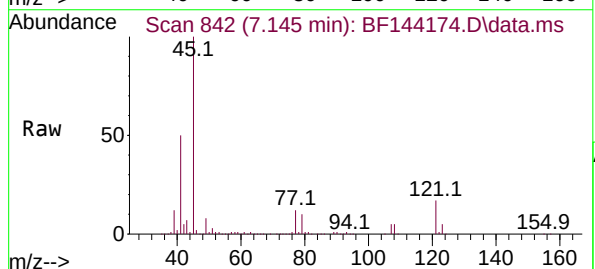
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

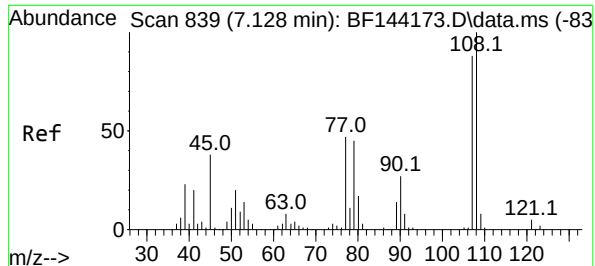
Tgt Ion: 79 Resp: 221836
Ion Ratio Lower Upper
79 100
108 70.1 58.2 87.4
77 62.7 49.9 74.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 45.212 ng
RT: 7.145 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion: 45 Resp: 453774
Ion Ratio Lower Upper
45 100
77 12.4 0.0 31.8
79 10.3 0.0 29.1

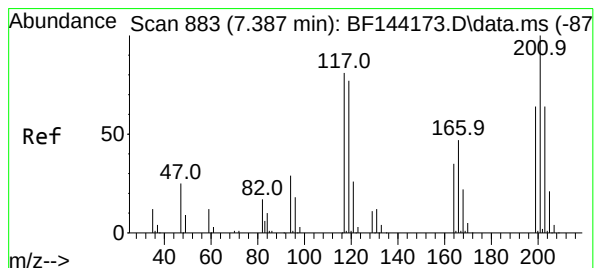
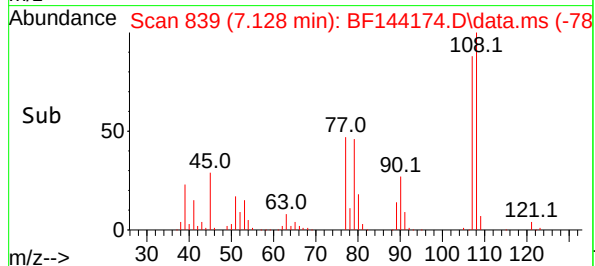
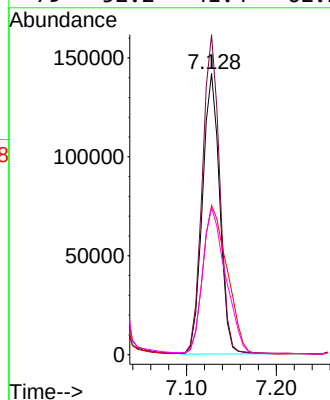
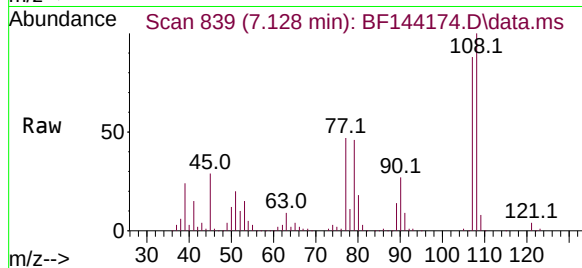




#17
2-Methylphenol
Concen: 44.899 ng
RT: 7.128 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

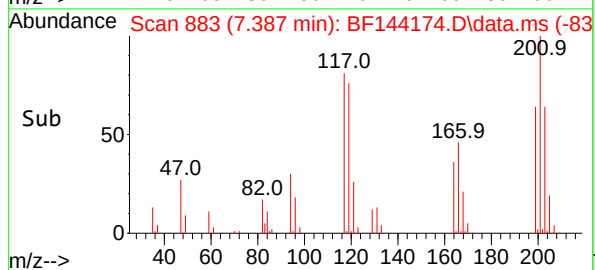
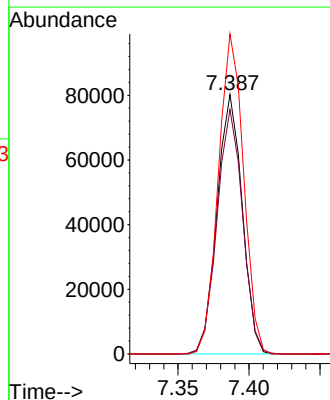
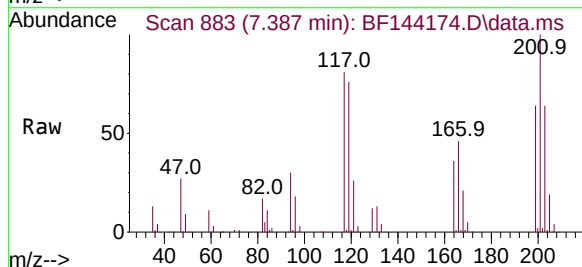
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

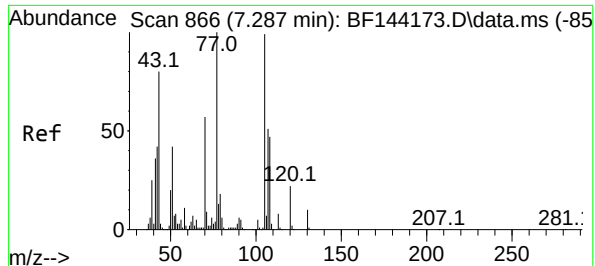
Tgt Ion:	107	Resp:	189260
Ion	Ratio	Lower	Upper
107	100		
108	113.9	91.0	136.4
77	53.1	42.7	64.1
79	52.2	41.4	62.2



#18
Hexachloroethane
Concen: 45.346 ng
RT: 7.387 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:	117	Resp:	98682
Ion	Ratio	Lower	Upper
117	100		
119	94.2	75.8	113.8
201	123.4	98.9	148.3





#19

n-Nitroso-di-n-propylamine

Concen: 42.657 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.012 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 70 Resp: 171911

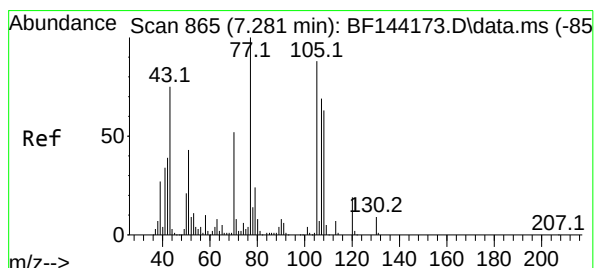
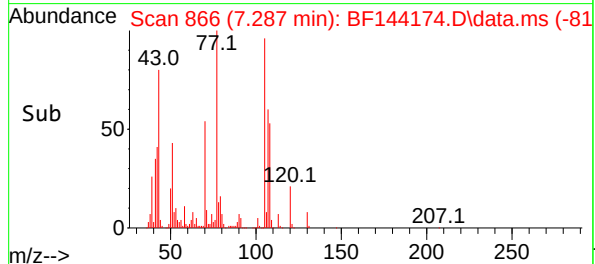
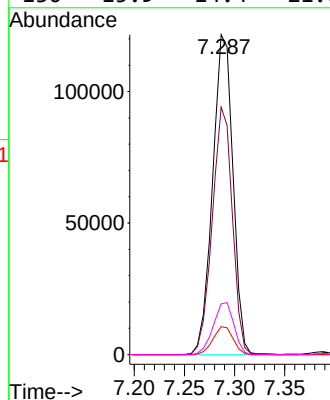
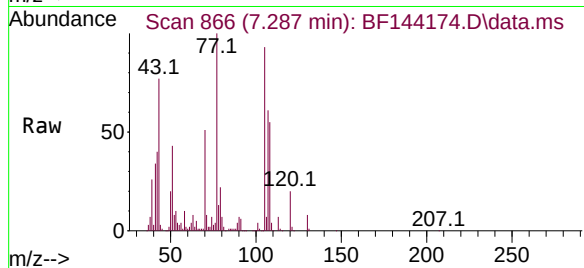
Ion Ratio Lower Upper

70 100

42 77.3 58.3 87.5

101 8.7 7.0 10.6

130 15.9 14.4 21.6



#20

3+4-Methylphenols

Concen: 43.819 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Tgt Ion: 107 Resp: 217734

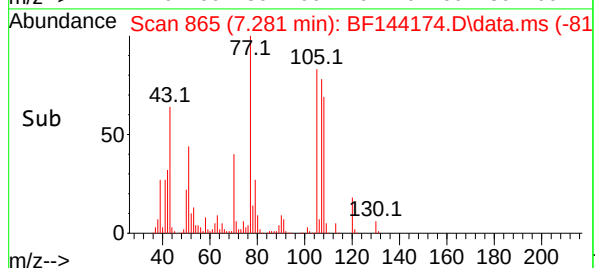
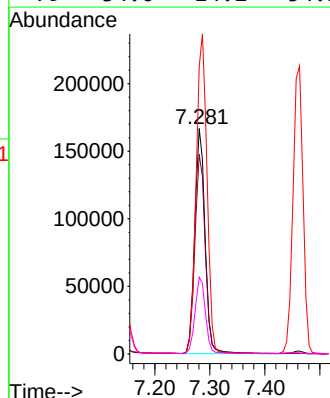
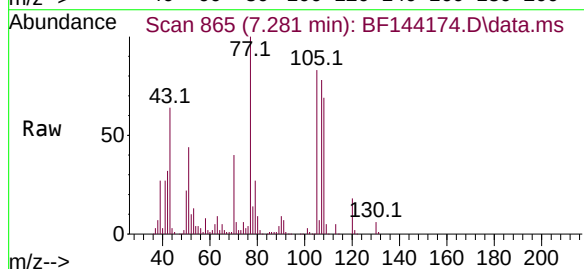
Ion Ratio Lower Upper

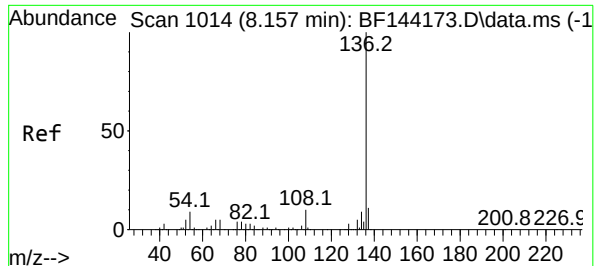
107 100

108 88.5 70.2 110.2

77 127.5 123.9 163.9

79 34.0 14.2 54.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1014

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:136 Resp: 313425

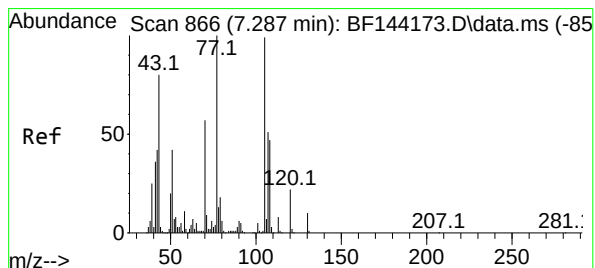
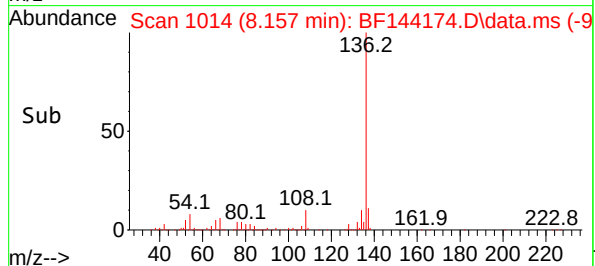
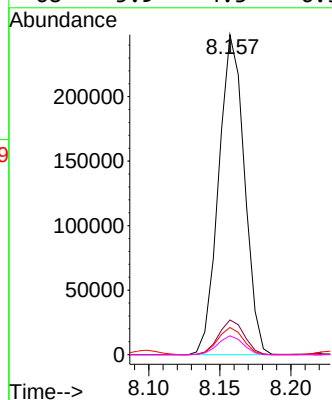
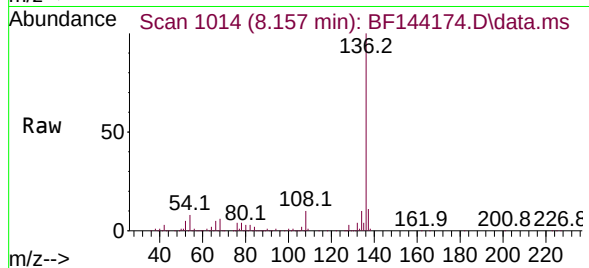
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 8.5 7.0 10.6

68 5.9 4.3 6.5



#22

Acetophenone

Concen: 44.230 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Tgt Ion:105 Resp: 297391

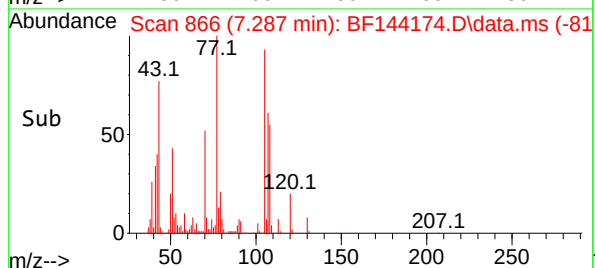
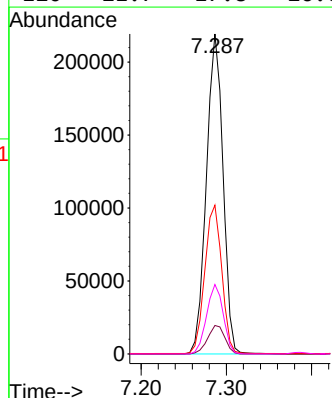
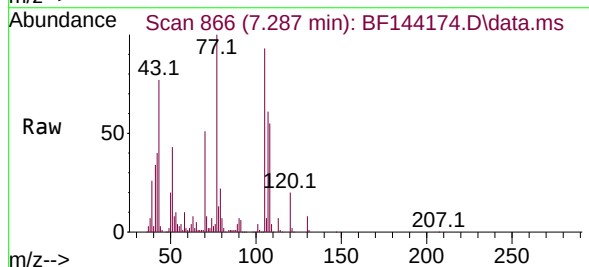
Ion Ratio Lower Upper

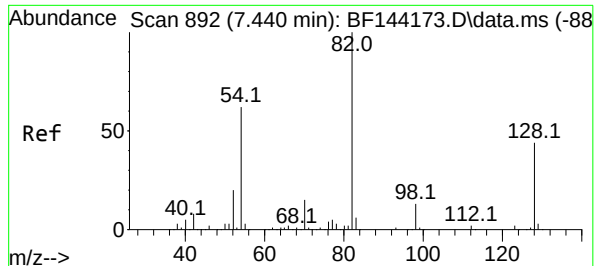
105 100

71 8.9 7.2 10.8

51 46.5 34.0 51.0

120 21.7 17.8 26.6





#23

Nitrobenzene-d5

Concen: 92.595 ng

RT: 7.439 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

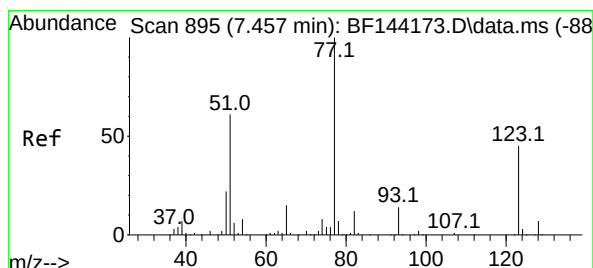
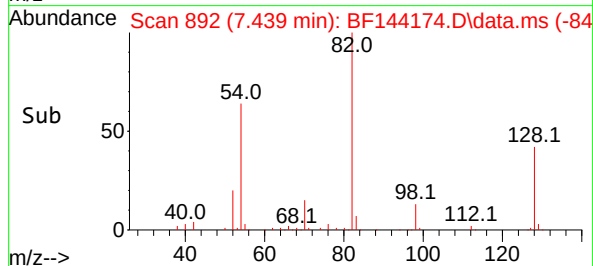
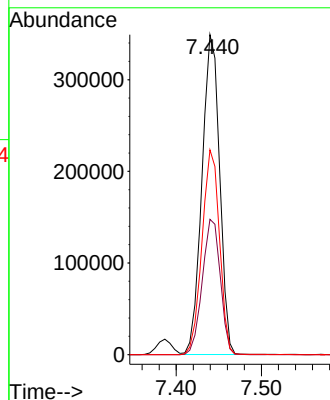
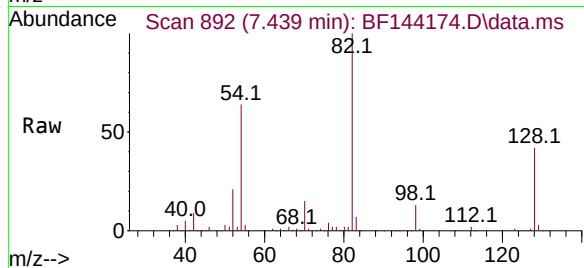
Tgt Ion: 82 Resp: 502493

Ion Ratio Lower Upper

82 100

128 42.3 34.7 52.1

54 64.0 49.5 74.3



#24

Nitrobenzene

Concen: 45.541 ng

RT: 7.463 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

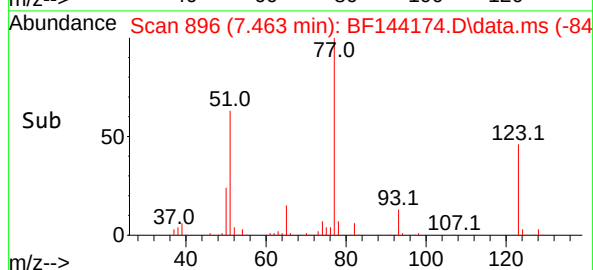
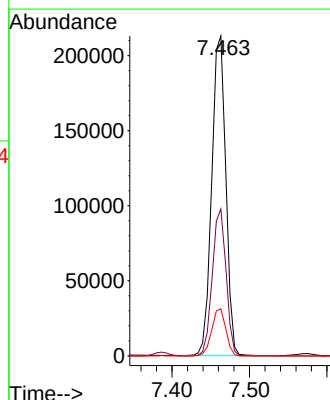
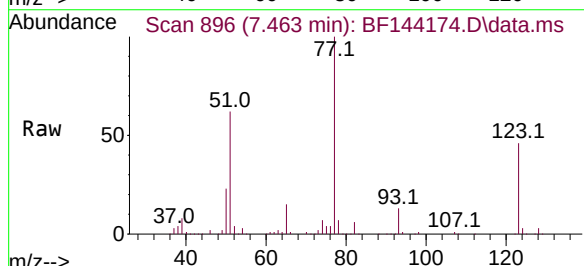
Tgt Ion: 77 Resp: 268336

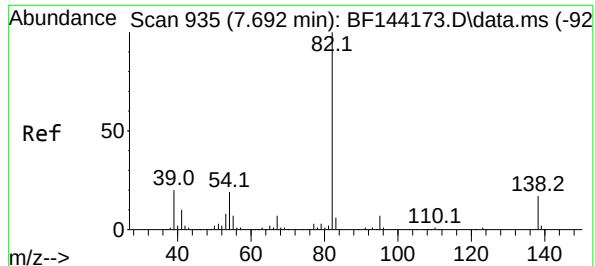
Ion Ratio Lower Upper

77 100

123 45.9 35.8 53.8

65 14.7 12.2 18.2





#25

Isophorone

Concen: 44.376 ng

RT: 7.698 min Scan# 935

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

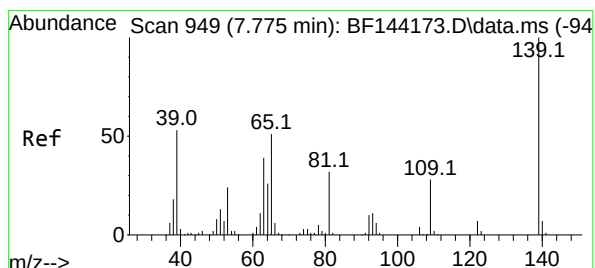
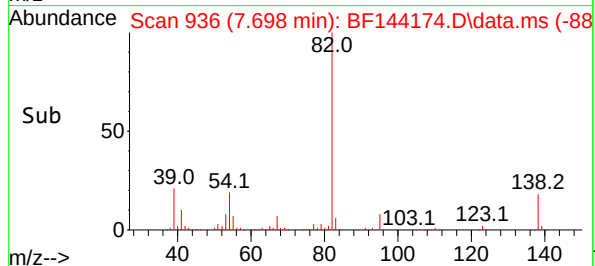
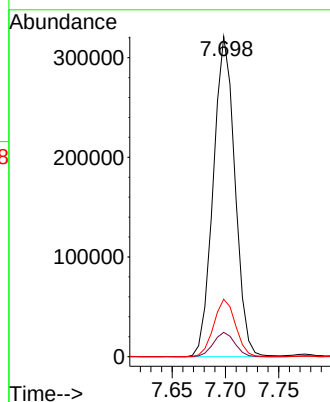
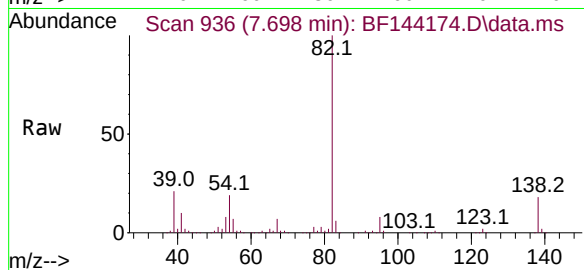
Tgt Ion: 82 Resp: 455511

Ion Ratio Lower Upper

82 100

95 7.6 5.5 8.3

138 17.9 13.7 20.5



#26

2-Nitrophenol

Concen: 46.747 ng

RT: 7.775 min Scan# 949

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

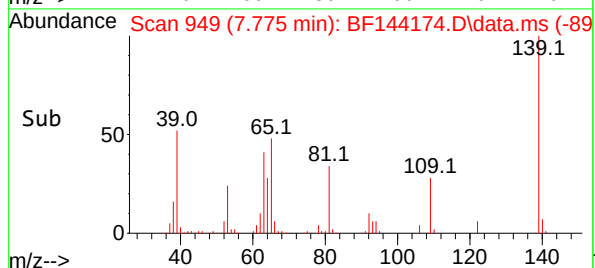
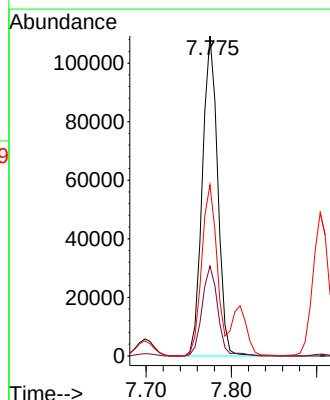
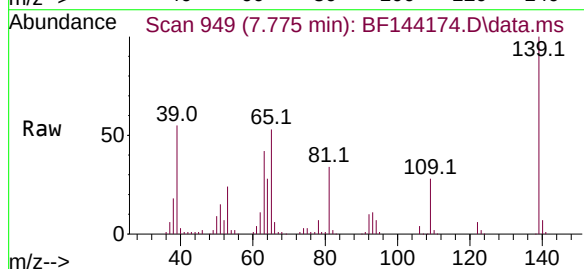
Tgt Ion: 139 Resp: 136351

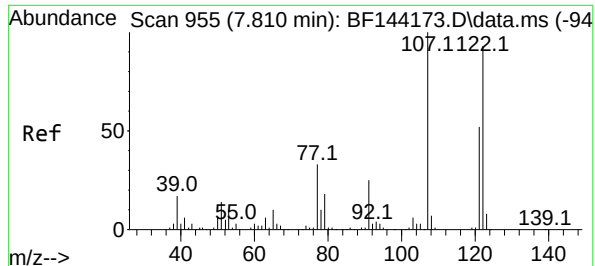
Ion Ratio Lower Upper

139 100

109 28.1 22.2 33.2

65 53.5 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 46.681 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

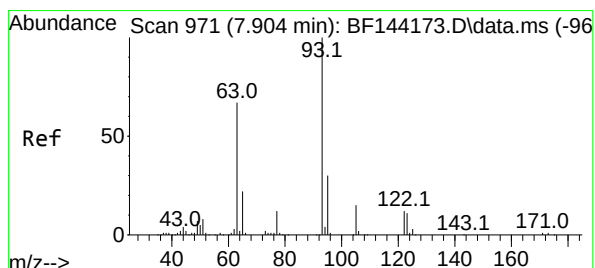
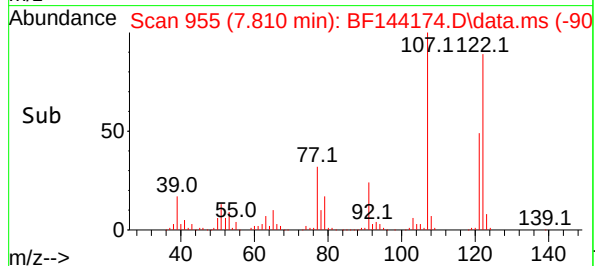
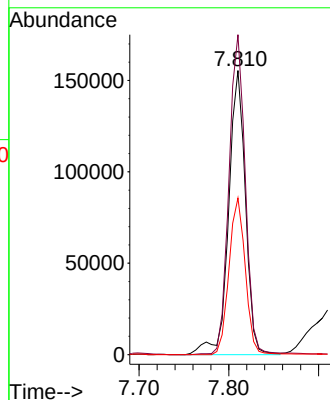
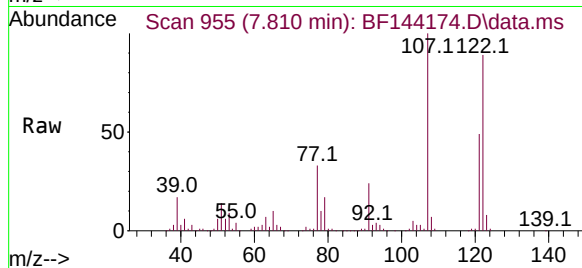
Tgt Ion:122 Resp: 204079

Ion Ratio Lower Upper

122 100

107 112.6 86.2 129.4

121 55.1 44.6 66.8



#28

bis(2-Chloroethoxy)methane

Concen: 45.429 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

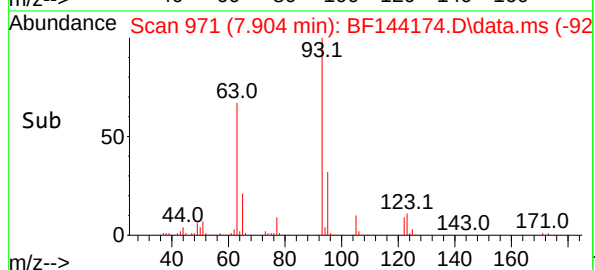
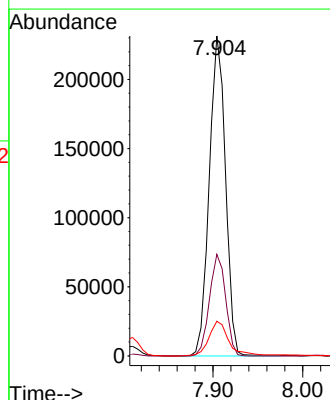
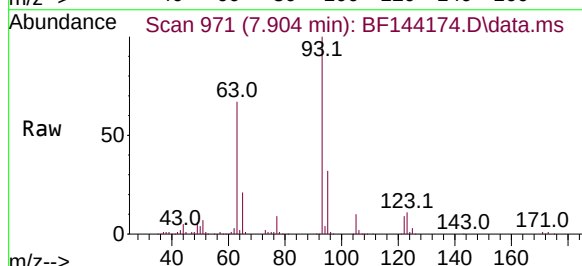
Tgt Ion: 93 Resp: 291202

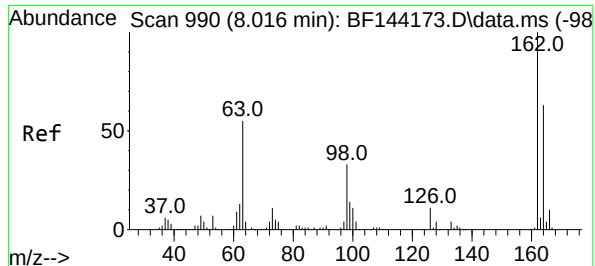
Ion Ratio Lower Upper

93 100

95 31.7 24.2 36.4

123 10.8 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 45.001 ng

RT: 8.016 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

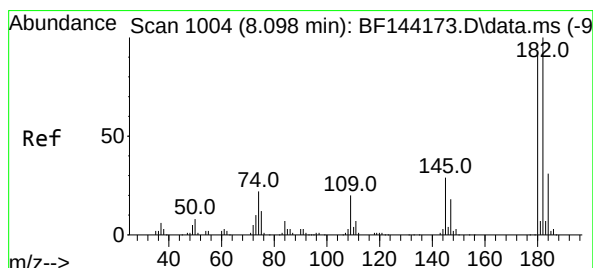
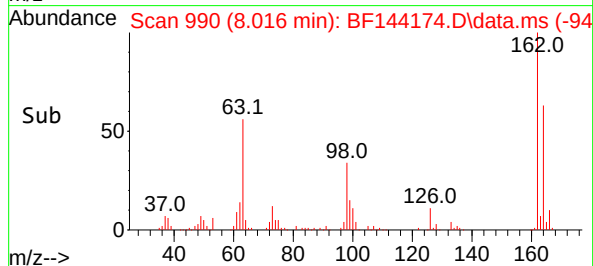
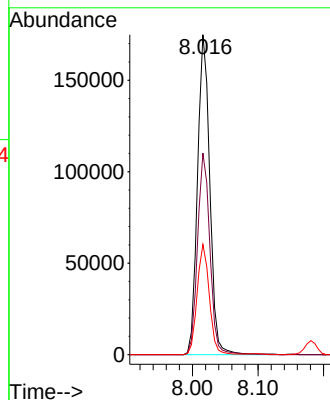
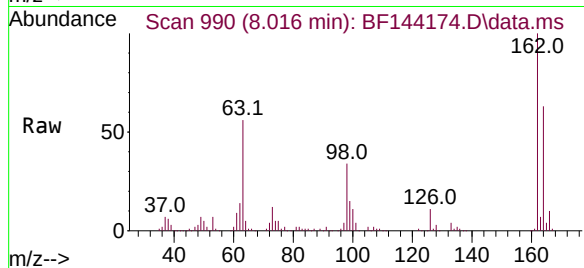
Tgt Ion:162 Resp: 226748

Ion Ratio Lower Upper

162 100

164 63.0 42.9 82.9

98 34.4 13.3 53.3



#30

1,2,4-Trichlorobenzene

Concen: 44.838 ng

RT: 8.098 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

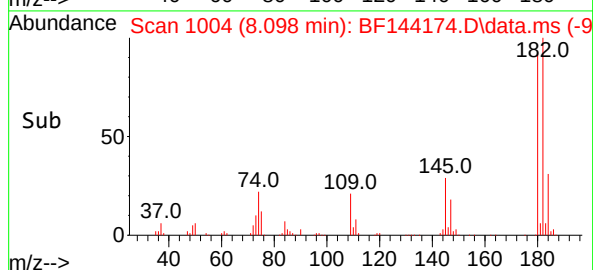
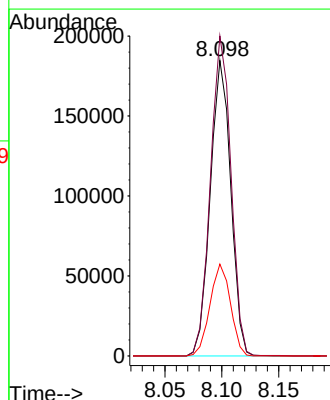
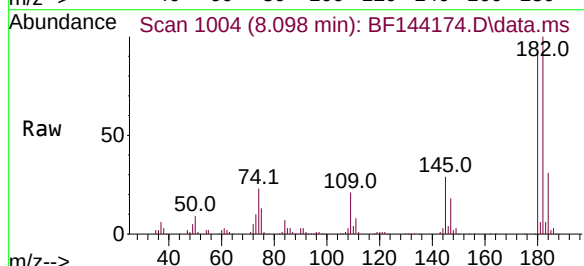
Tgt Ion:180 Resp: 231992

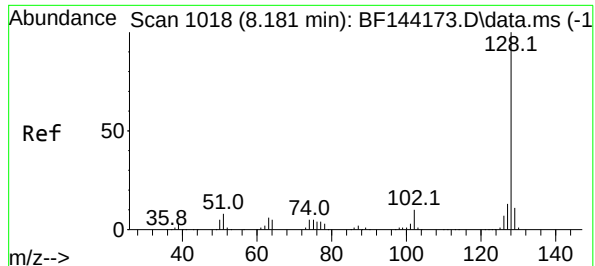
Ion Ratio Lower Upper

180 100

182 108.3 87.7 131.5

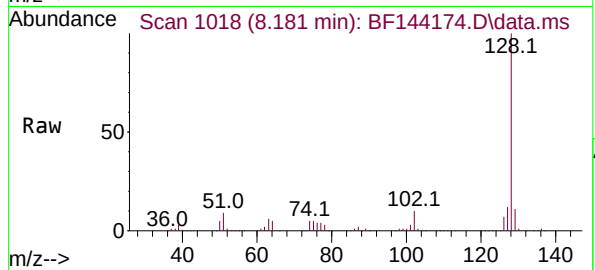
145 31.1 25.4 38.0



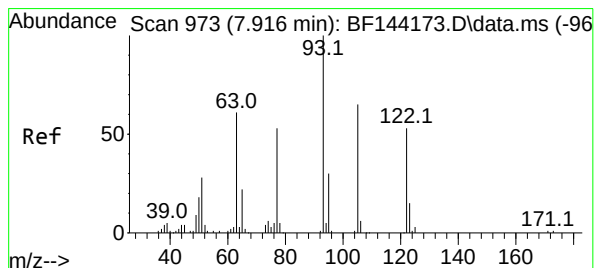
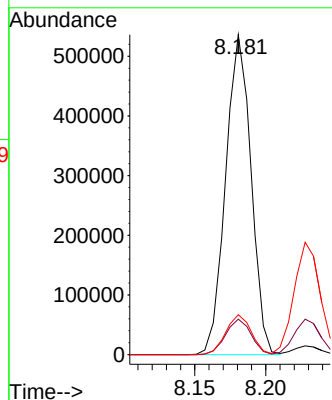
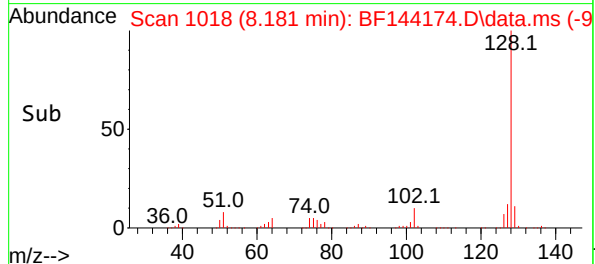


#31
Naphthalene
Concen: 44.658 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

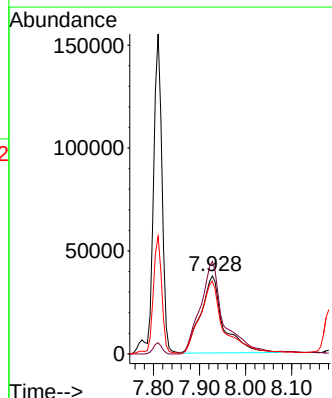
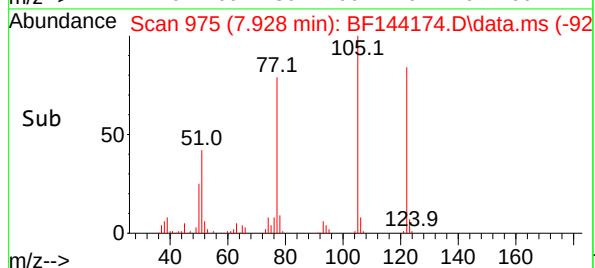
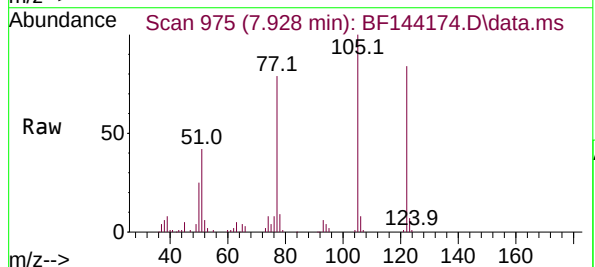


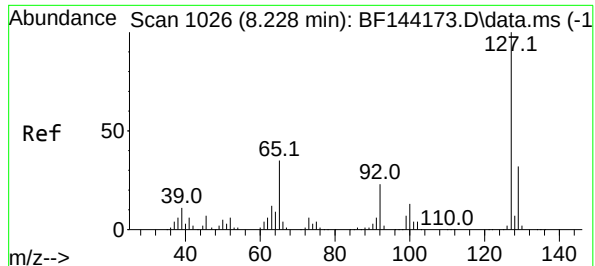
Tgt Ion:128 Resp: 665821
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 12.5 10.3 15.5



#32
Benzoic acid
Concen: 40.359 ng
RT: 7.928 min Scan# 975
Delta R.T. -0.023 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:122 Resp: 129332
Ion Ratio Lower Upper
122 100
105 118.8 99.9 139.9
77 93.6 77.5 117.5





#33

4-Chloroaniline

Concen: 44.496 ng

RT: 8.228 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:127 Resp: 241956

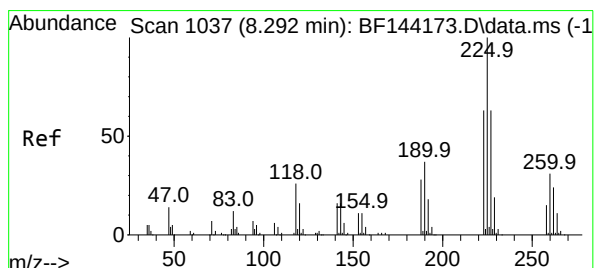
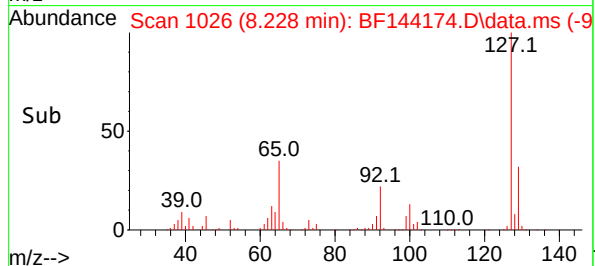
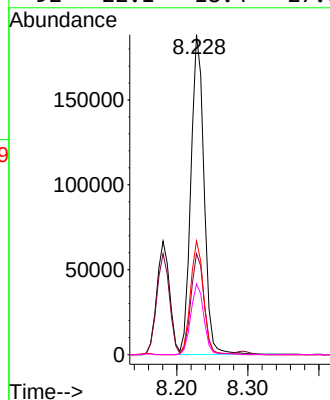
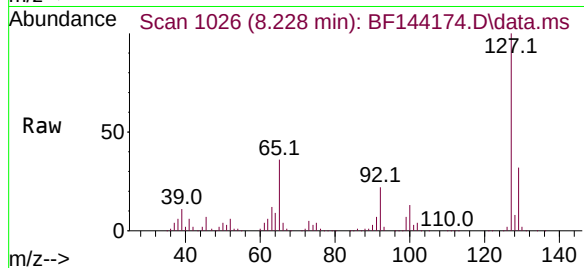
Ion Ratio Lower Upper

127 100

129 31.6 25.3 37.9

65 35.5 27.6 41.4

92 22.1 18.4 27.6



#34

Hexachlorobutadiene

Concen: 46.562 ng

RT: 8.292 min Scan# 1037

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

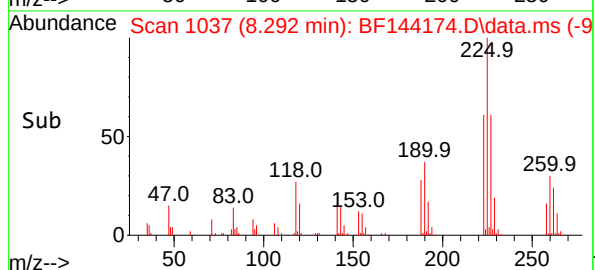
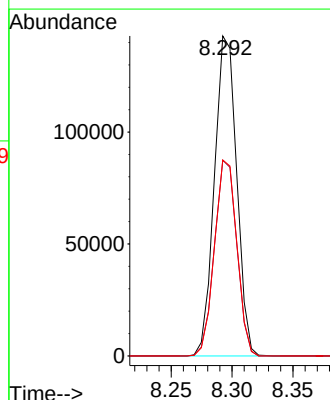
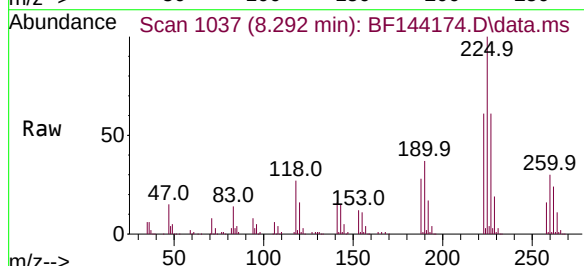
Tgt Ion:225 Resp: 181564

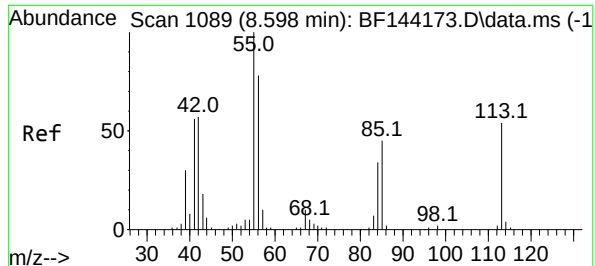
Ion Ratio Lower Upper

225 100

223 61.1 50.2 75.4

227 61.2 50.1 75.1





#35

Caprolactam

Concen: 42.327 ng

RT: 8.604 min Scan# 1089

Delta R.T. -0.018 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

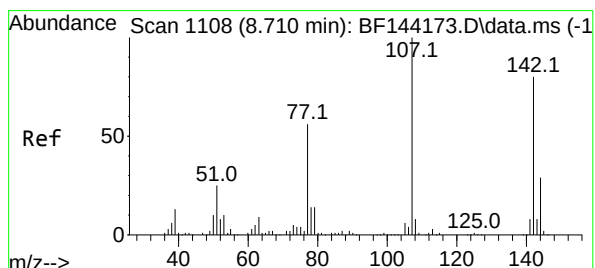
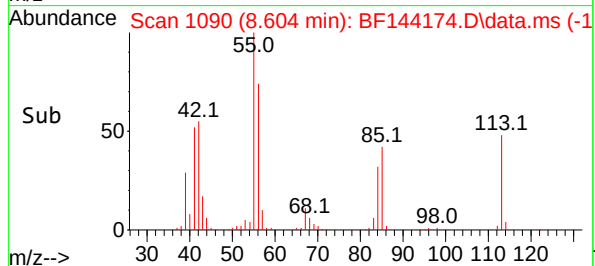
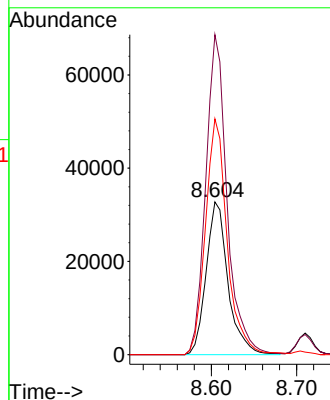
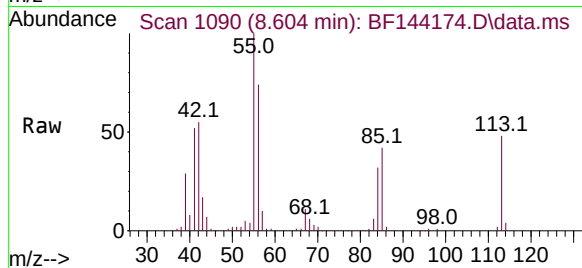
Tgt Ion:113 Resp: 58430

Ion Ratio Lower Upper

113 100

55 209.4 166.8 206.8#

56 154.3 125.9 165.9



#36

4-Chloro-3-methylphenol

Concen: 44.930 ng

RT: 8.710 min Scan# 1108

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

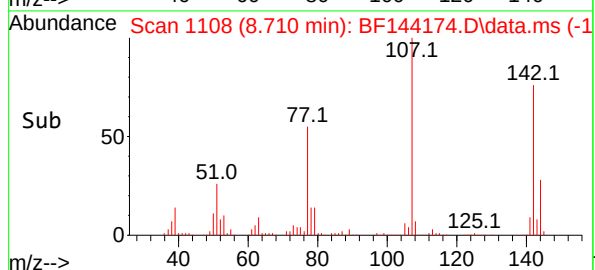
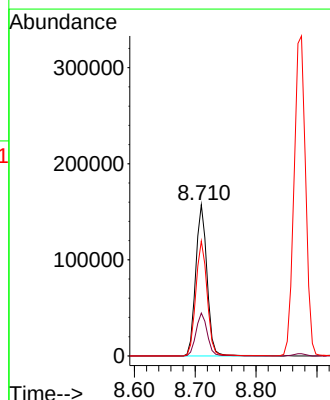
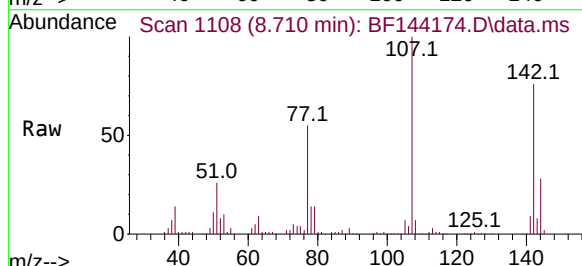
Tgt Ion:107 Resp: 202891

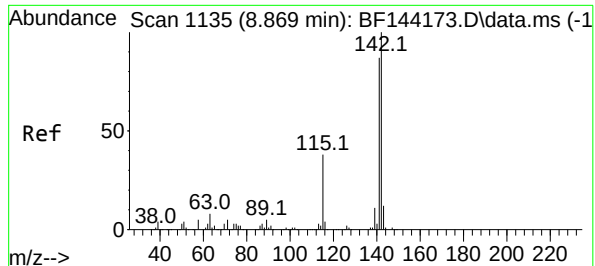
Ion Ratio Lower Upper

107 100

144 28.3 23.3 34.9

142 75.9 63.8 95.6





#37

2-Methylnaphthalene

Concen: 43.979 ng

RT: 8.875 min Scan# 1135

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

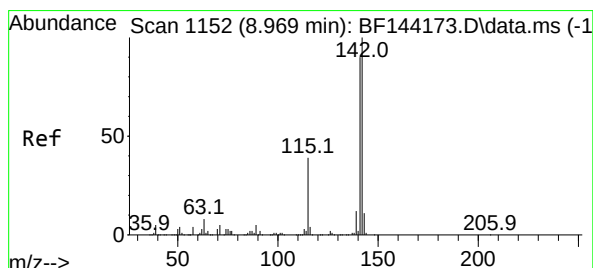
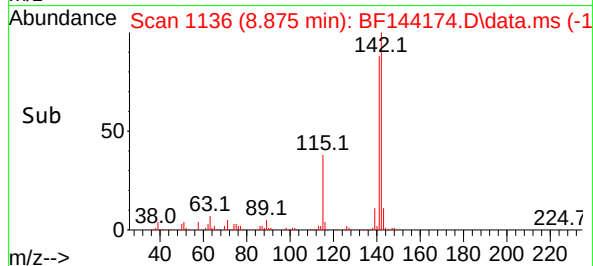
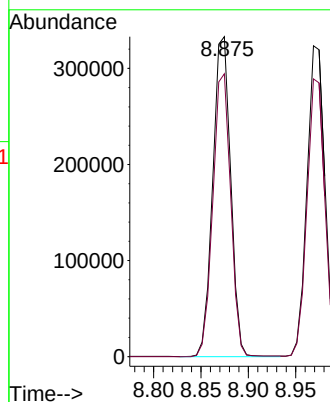
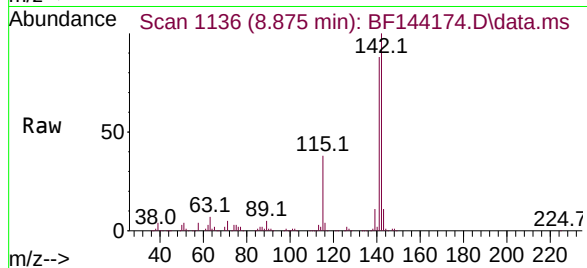
SSTDICC050

Tgt Ion:142 Resp: 438395

Ion Ratio Lower Upper

142 100

141 88.4 69.9 104.9



#38

1-Methylnaphthalene

Concen: 43.644 ng

RT: 8.969 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF144174.D

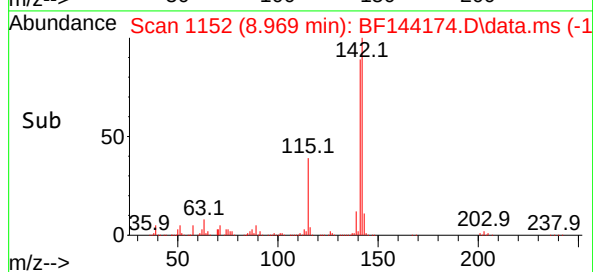
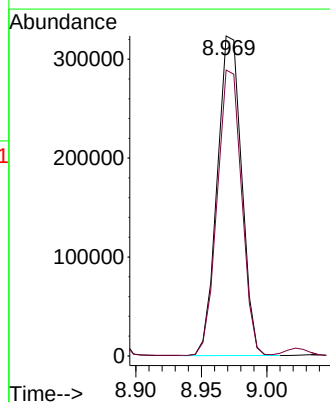
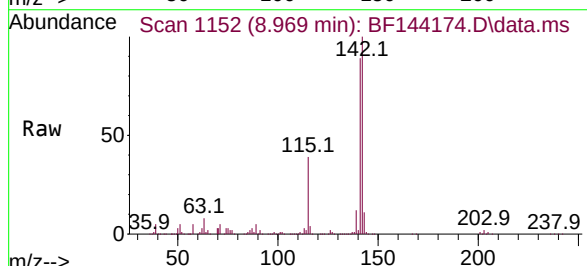
Acq: 05 Nov 2025 15:49

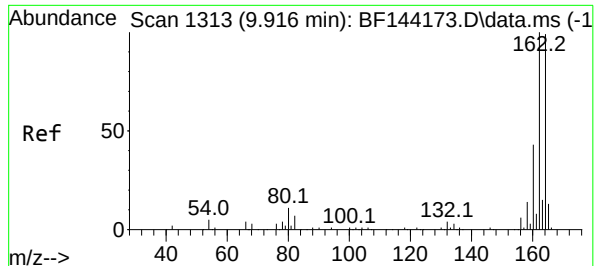
Tgt Ion:142 Resp: 419784

Ion Ratio Lower Upper

142 100

141 89.3 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

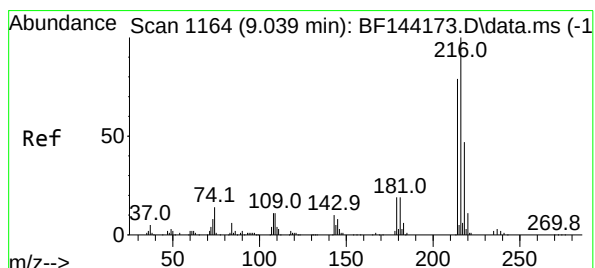
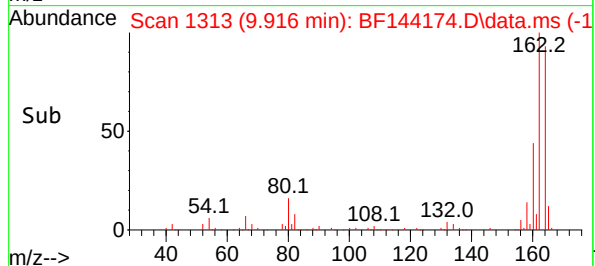
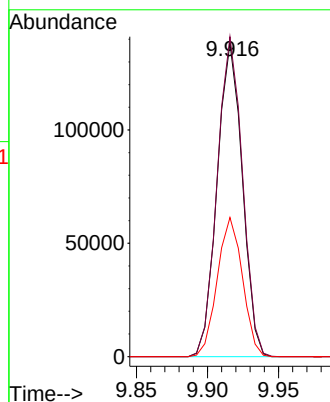
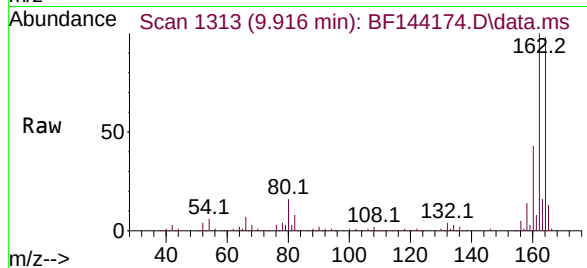
Tgt Ion:164 Resp: 170294

Ion Ratio Lower Upper

164 100

162 102.1 81.1 121.7

160 44.4 34.5 51.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.832 ng

RT: 9.039 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Tgt Ion:216 Resp: 250210

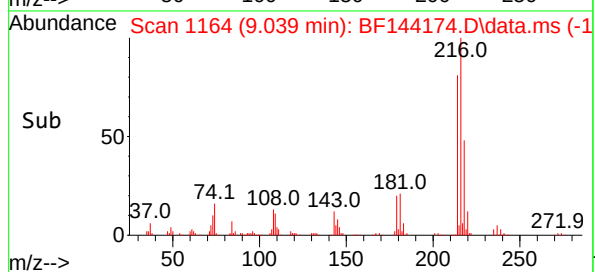
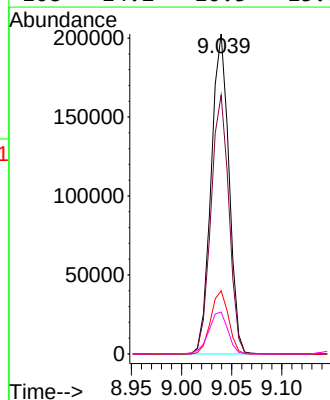
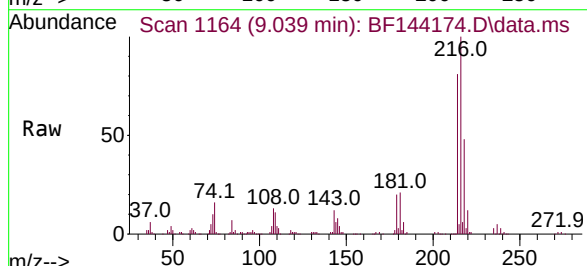
Ion Ratio Lower Upper

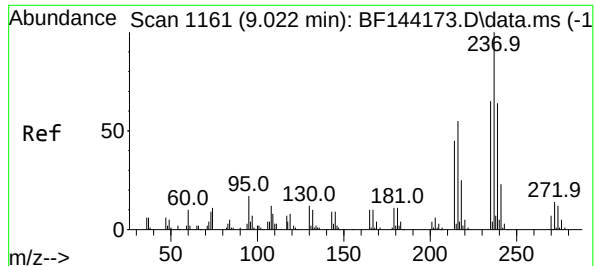
216 100

214 81.3 63.4 95.2

179 19.6 15.0 22.4

108 14.2 10.5 15.7

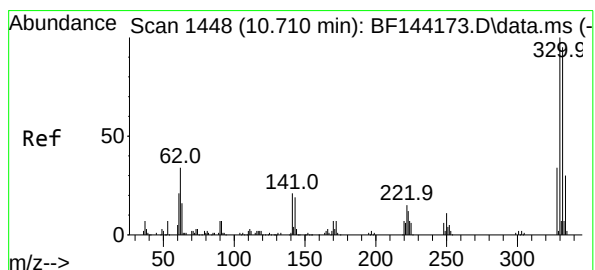
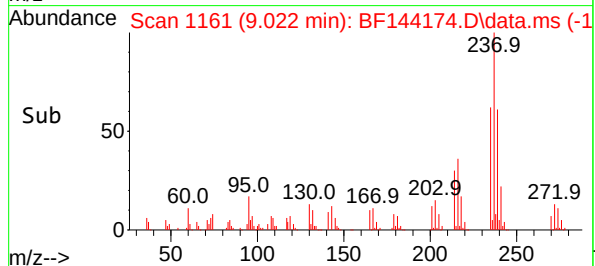
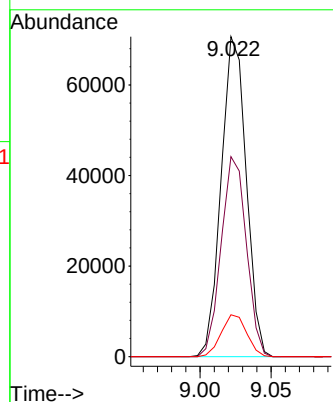
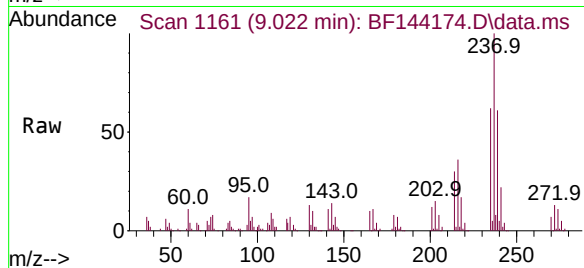




#41
Hexachlorocyclopentadiene
Concen: 48.007 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

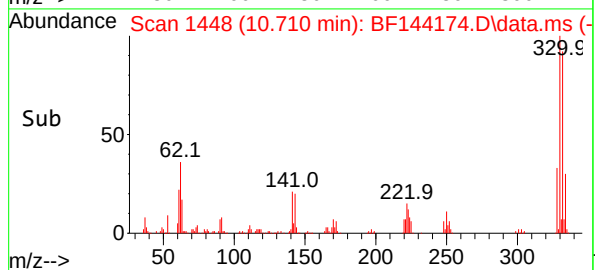
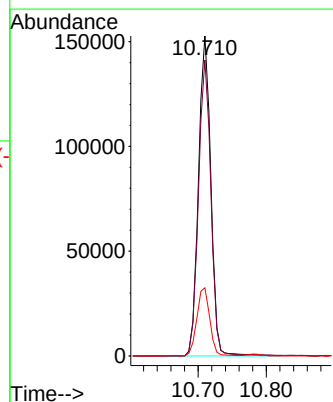
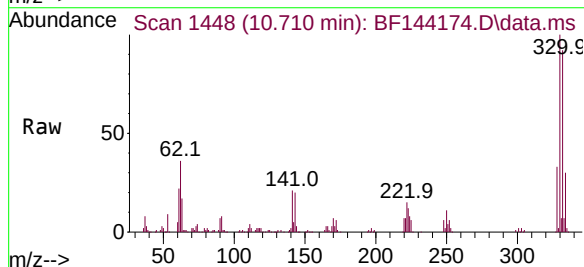
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

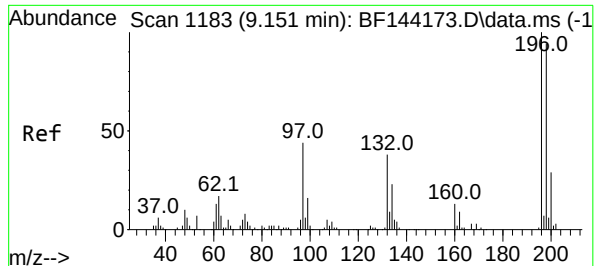
Tgt Ion:237 Resp: 86860
Ion Ratio Lower Upper
237 100
235 62.5 45.5 85.5
272 13.1 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 90.275 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:330 Resp: 192917
Ion Ratio Lower Upper
330 100
332 93.0 76.7 115.1
141 22.2 17.8 26.8





#43

2,4,6-Trichlorophenol

Concen: 45.813 ng

RT: 9.151 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

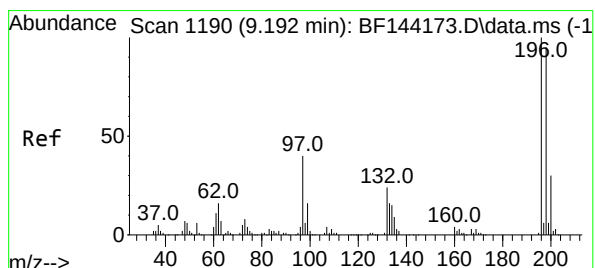
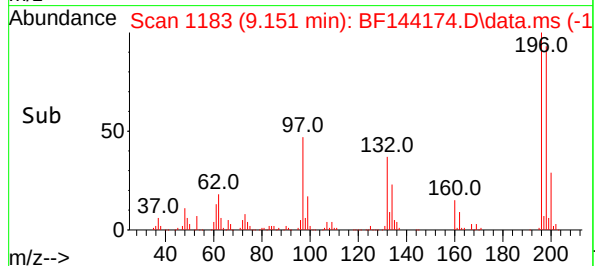
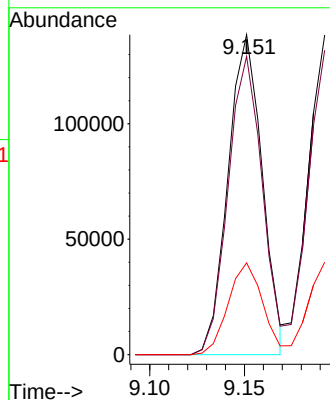
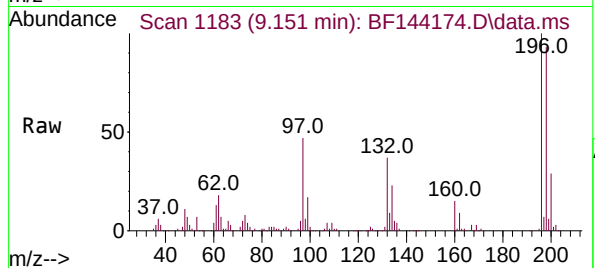
Tgt Ion:196 Resp: 174024

Ion Ratio Lower Upper

196 100

198 93.2 75.3 112.9

200 28.7 23.4 35.2



#44

2,4,5-Trichlorophenol

Concen: 45.542 ng

RT: 9.192 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Tgt Ion:196 Resp: 186449

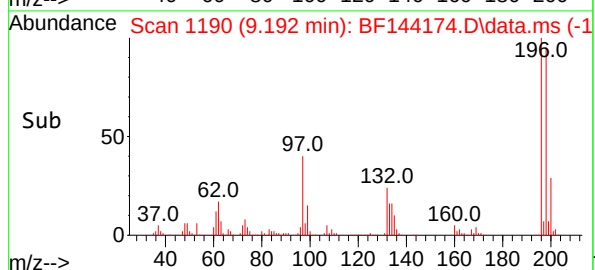
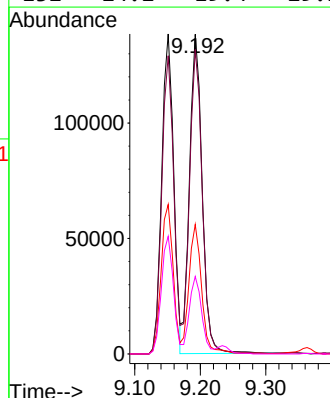
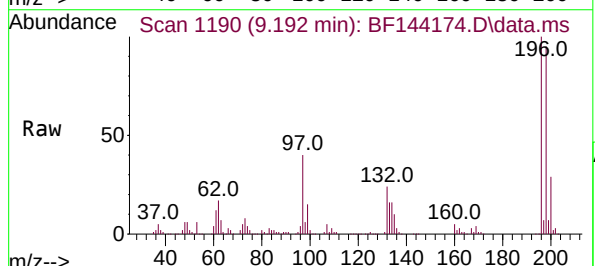
Ion Ratio Lower Upper

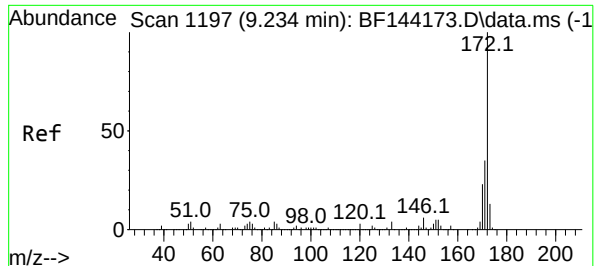
196 100

198 95.2 76.1 114.1

97 40.5 31.9 47.9

132 24.2 19.4 29.2

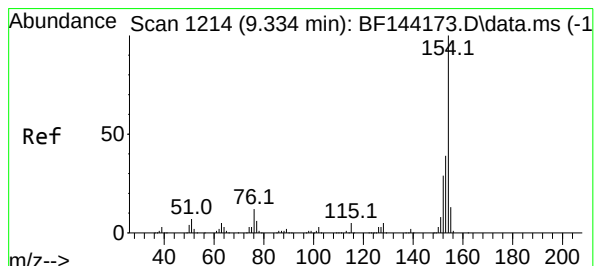
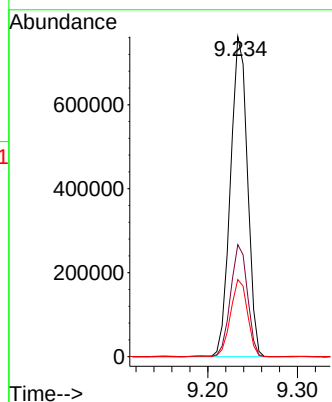
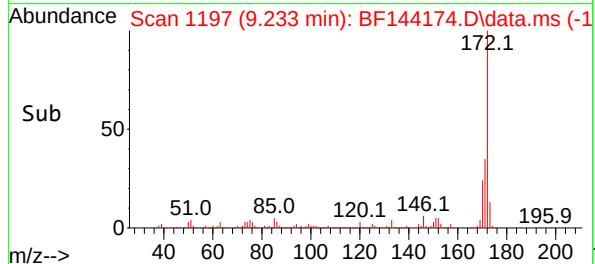
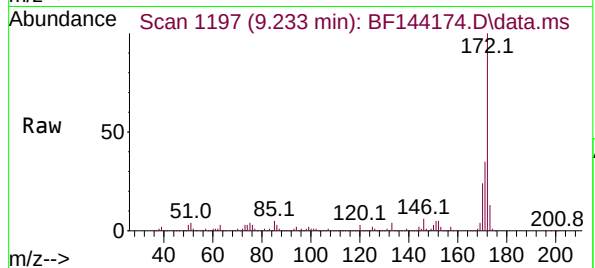




#45
2-Fluorobiphenyl
Concen: 86.941 ng
RT: 9.233 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

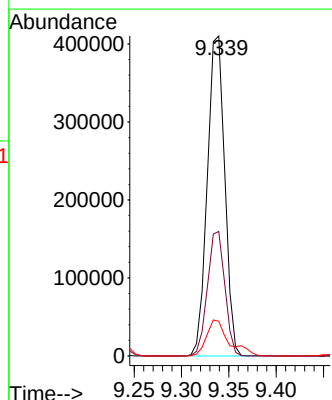
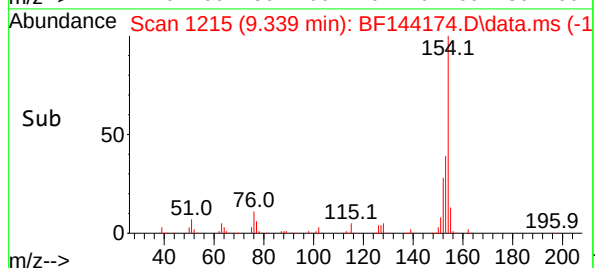
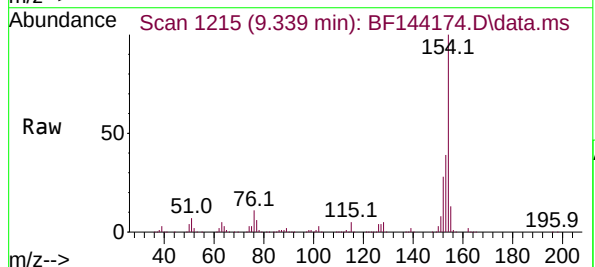
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

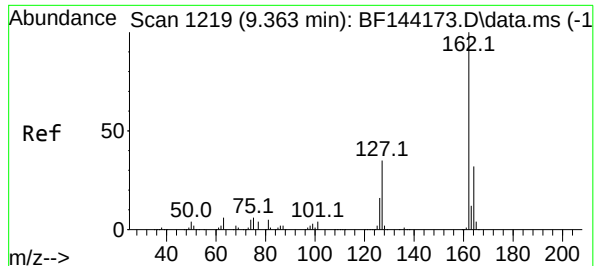
Tgt Ion:172 Resp: 1002454
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 24.1 18.6 28.0



#46
1,1'-Biphenyl
Concen: 44.371 ng
RT: 9.339 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:154 Resp: 527437
Ion Ratio Lower Upper
154 100
153 38.9 19.2 59.2
76 10.9 0.0 31.8





#47

2-Chloronaphthalene

Concen: 44.851 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

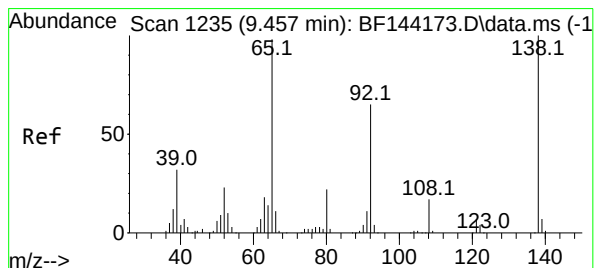
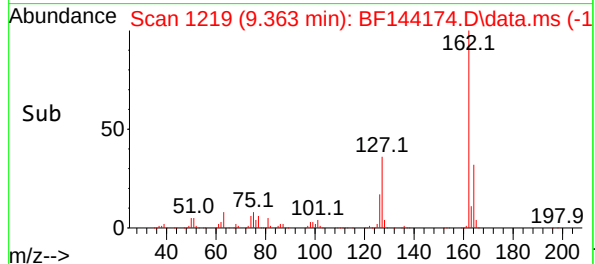
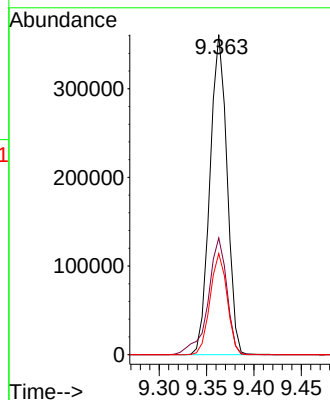
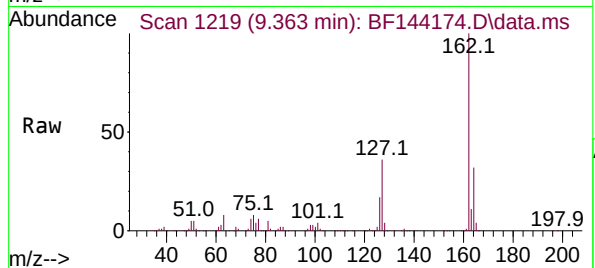
Tgt Ion:162 Resp: 454778

Ion Ratio Lower Upper

162 100

127 36.5 28.8 43.2

164 31.6 25.8 38.8



#48

2-Nitroaniline

Concen: 47.458 ng

RT: 9.457 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

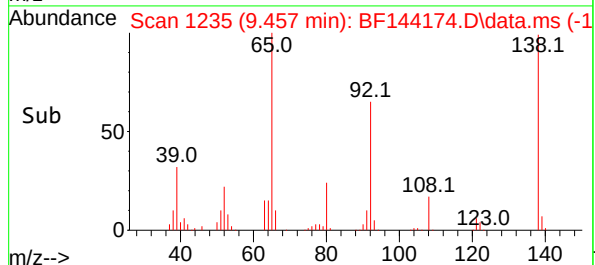
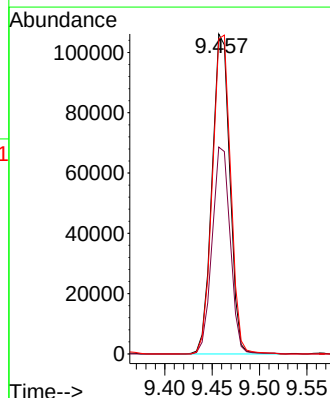
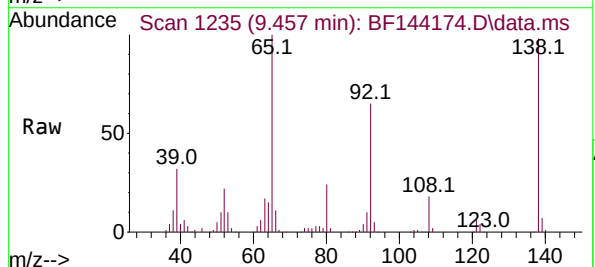
Tgt Ion: 65 Resp: 138845

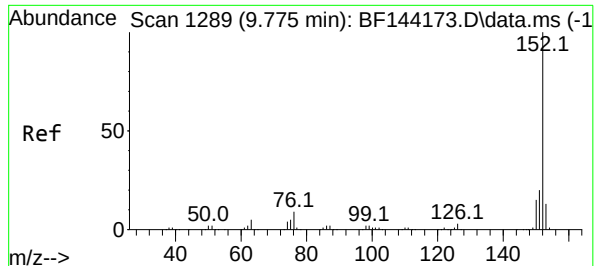
Ion Ratio Lower Upper

65 100

92 64.6 53.0 79.6

138 98.5 81.6 122.4





#49

Acenaphthylene

Concen: 44.368 ng

RT: 9.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144174.D

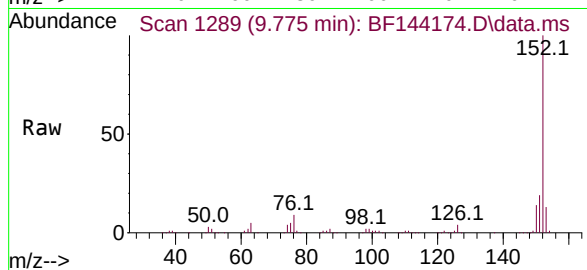
Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



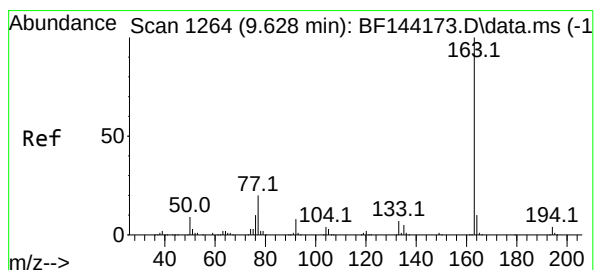
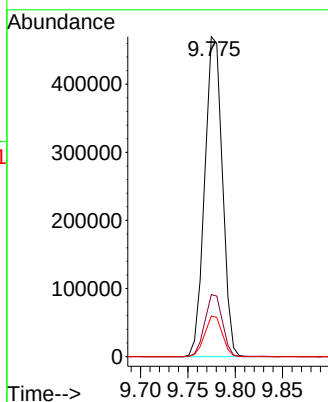
Tgt Ion:152 Resp: 613066

Ion Ratio Lower Upper

152 100

151 19.4 15.9 23.9

153 12.6 10.5 15.7



#50

Dimethylphthalate

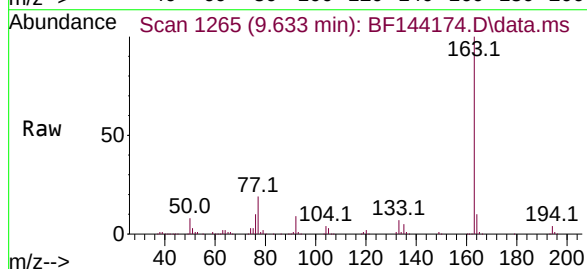
Concen: 44.094 ng

RT: 9.633 min Scan# 1265

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49



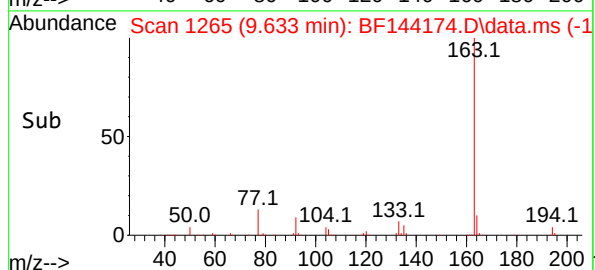
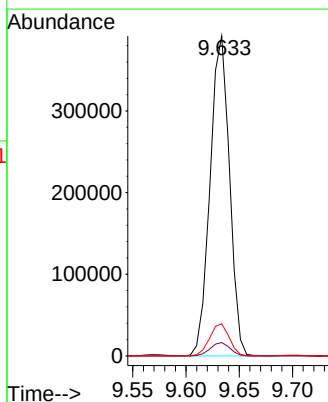
Tgt Ion:163 Resp: 497451

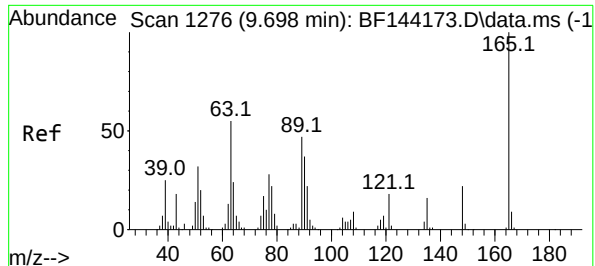
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.0 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 46.892 ng

RT: 9.698 min Scan# 1276

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

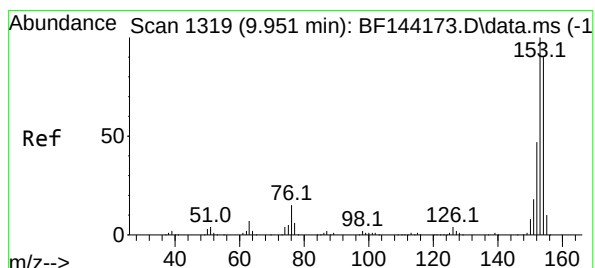
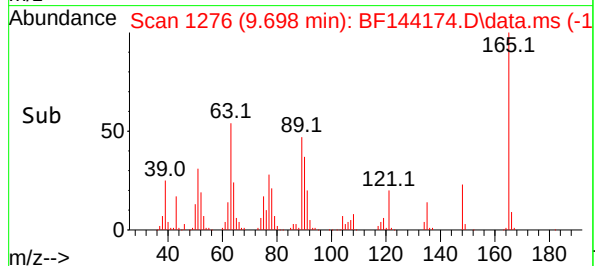
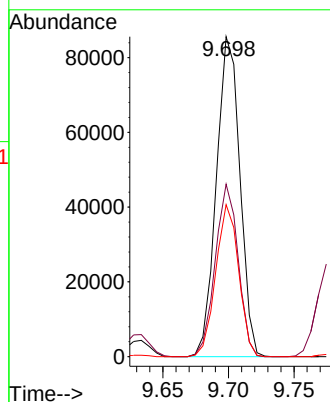
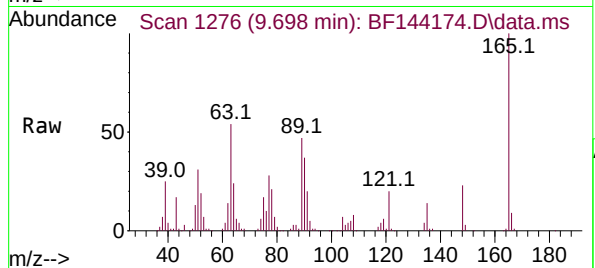
Tgt Ion:165 Resp: 107091

Ion Ratio Lower Upper

165 100

63 53.9 43.8 65.8

89 47.5 37.5 56.3



#52

Acenaphthene

Concen: 44.067 ng

RT: 9.951 min Scan# 1319

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

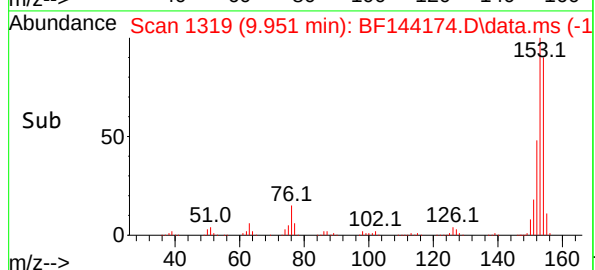
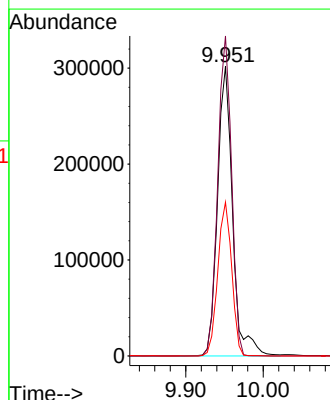
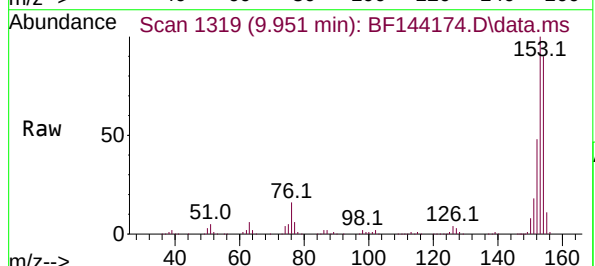
Tgt Ion:154 Resp: 407187

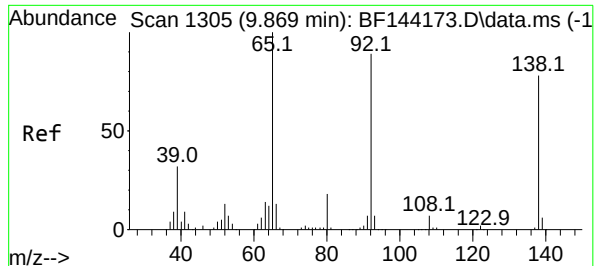
Ion Ratio Lower Upper

154 100

153 110.5 89.0 133.4

152 53.1 42.2 63.4





#53

3-Nitroaniline

Concen: 45.012 ng

RT: 9.875 min Scan# 1306

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

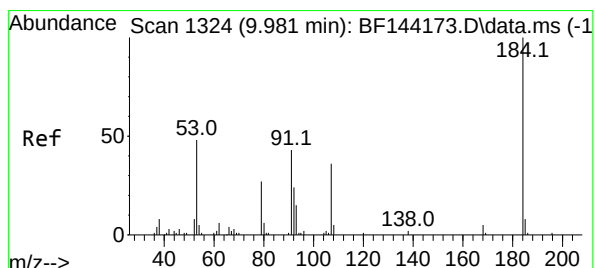
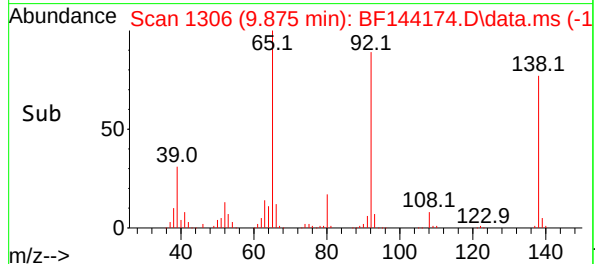
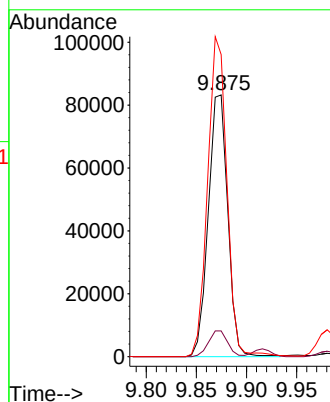
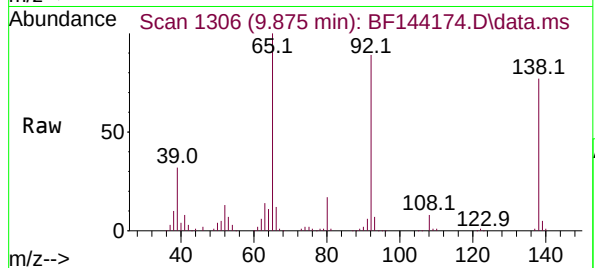
Tgt Ion:138 Resp: 112371

Ion Ratio Lower Upper

138 100

108 9.8 7.5 11.3

92 115.4 91.8 137.6



#54

2,4-Dinitrophenol

Concen: 41.007 ng

RT: 9.981 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

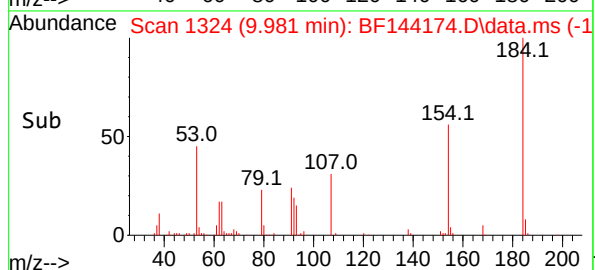
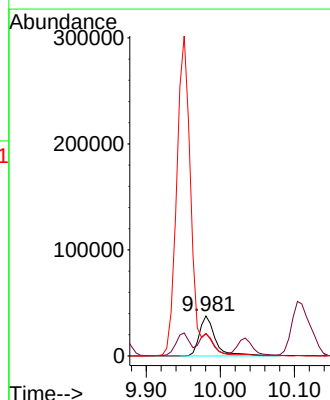
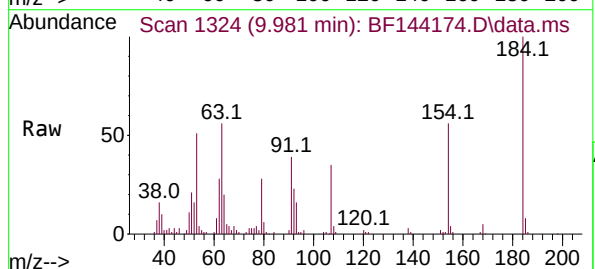
Tgt Ion:184 Resp: 56551

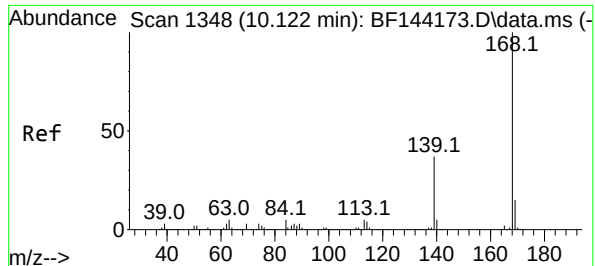
Ion Ratio Lower Upper

184 100

63 56.3 44.0 66.0

154 55.5 42.4 63.6





#55

Dibenzofuran

Concen: 43.989 ng

RT: 10.122 min Scan# 1348

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

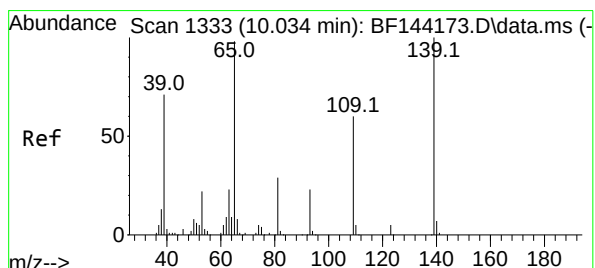
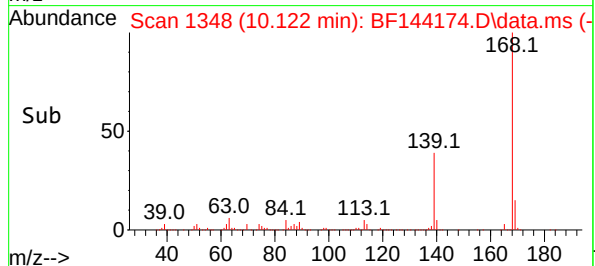
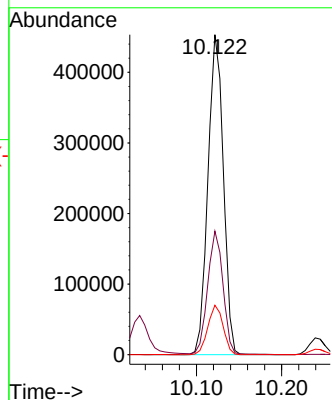
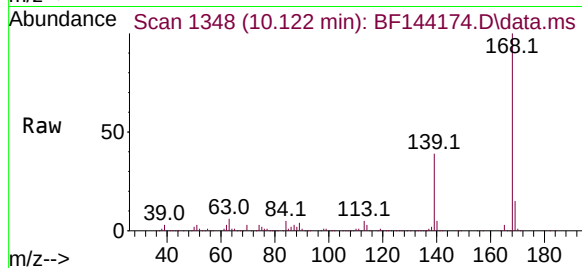
Tgt Ion:168 Resp: 569268

Ion Ratio Lower Upper

168 100

139 38.6 30.2 45.2

169 15.4 12.2 18.4



#56

4-Nitrophenol

Concen: 43.544 ng

RT: 10.033 min Scan# 1333

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

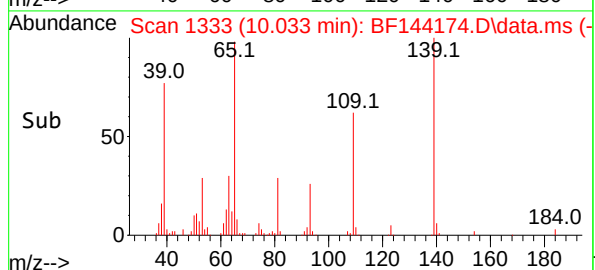
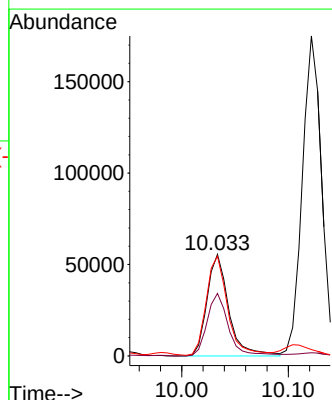
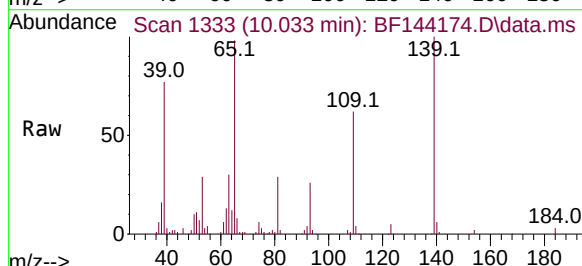
Tgt Ion:139 Resp: 78636

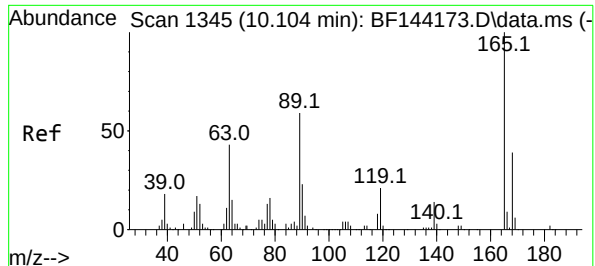
Ion Ratio Lower Upper

139 100

109 61.6 39.9 79.9

65 98.3 79.5 119.5

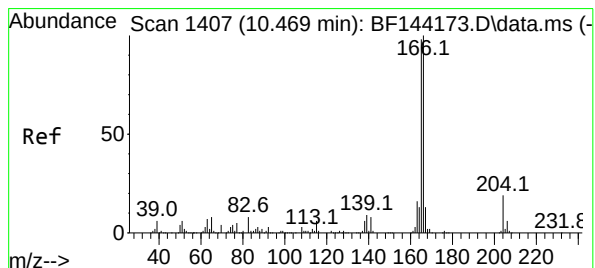
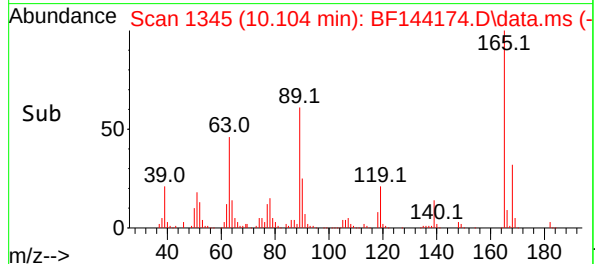
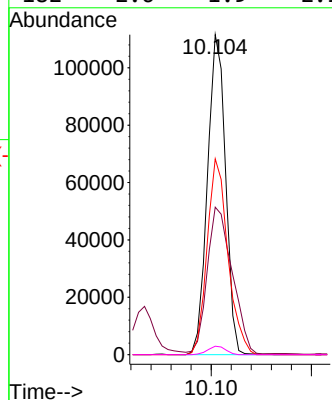
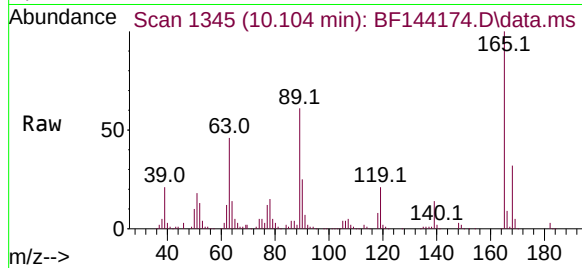




#57
2,4-Dinitrotoluene
Concen: 45.629 ng
RT: 10.104 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

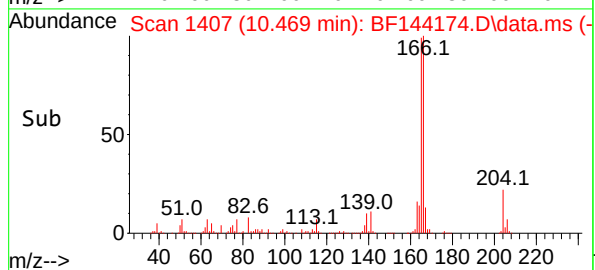
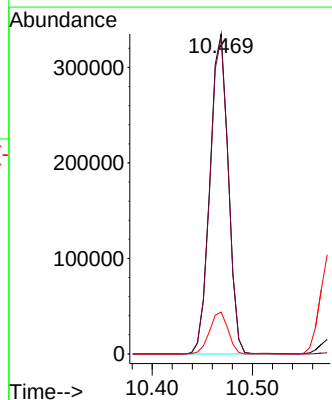
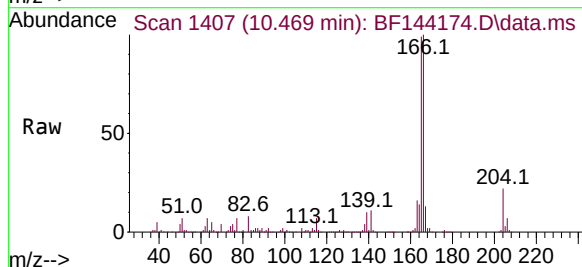
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

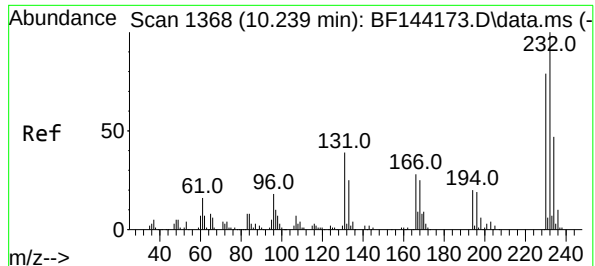
Tgt Ion:165 Resp: 139501
Ion Ratio Lower Upper
165 100
63 46.1 35.5 53.3
89 61.2 47.4 71.2
182 2.6 1.9 2.9



#58
Fluorene
Concen: 43.136 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:166 Resp: 424429
Ion Ratio Lower Upper
166 100
165 98.8 78.6 118.0
167 13.1 10.4 15.6

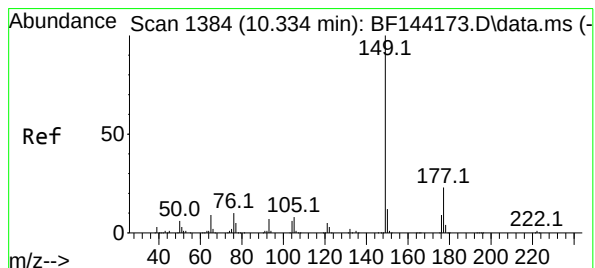
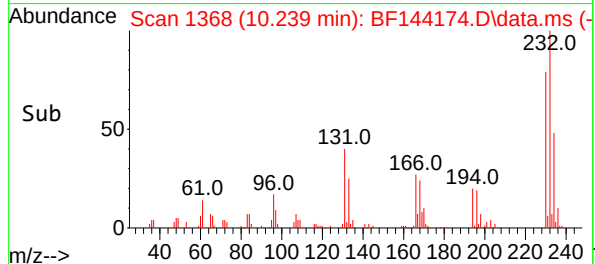
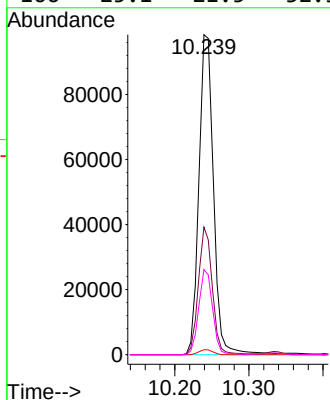
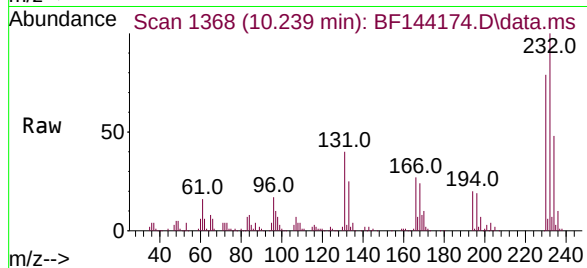




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.453 ng
RT: 10.239 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

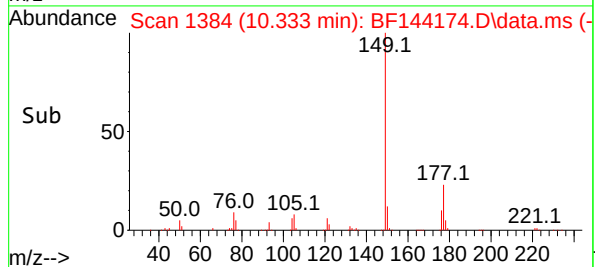
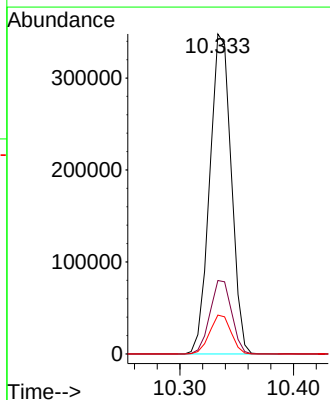
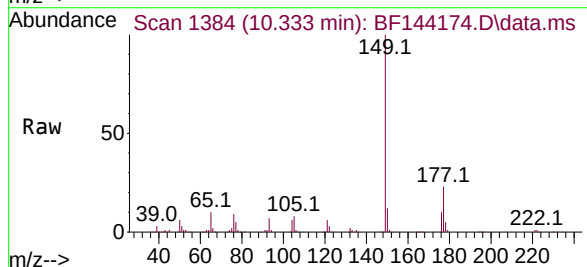
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

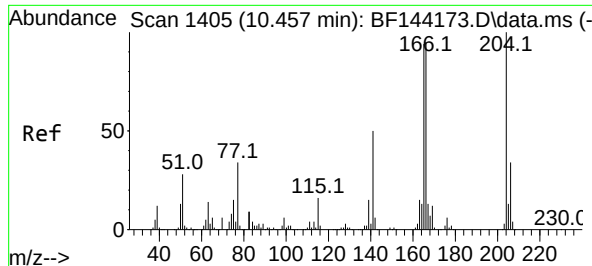
Tgt Ion:232 Resp: 134554
Ion Ratio Lower Upper
232 100
131 38.0 30.3 45.5
130 1.4 1.2 1.8
166 25.1 21.5 32.3



#60
Diethylphthalate
Concen: 43.997 ng
RT: 10.333 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:149 Resp: 457569
Ion Ratio Lower Upper
149 100
177 22.9 18.3 27.5
150 12.1 9.8 14.6

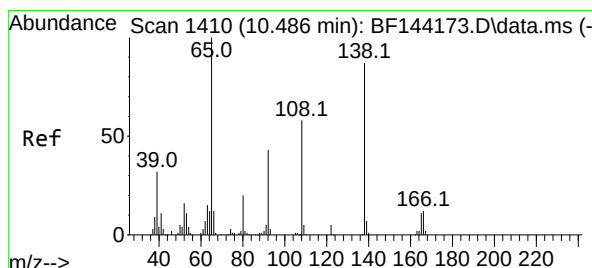
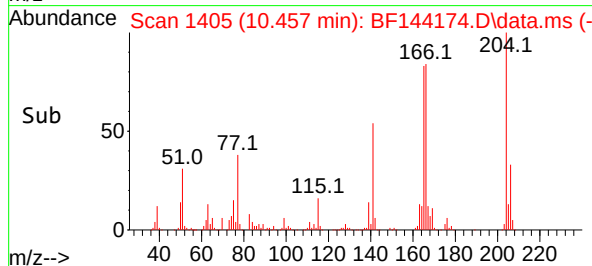
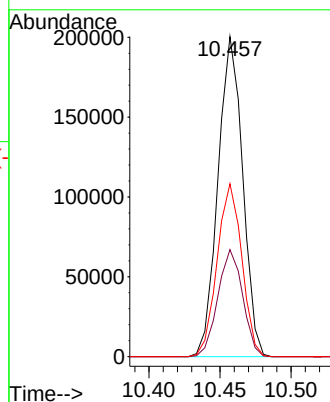
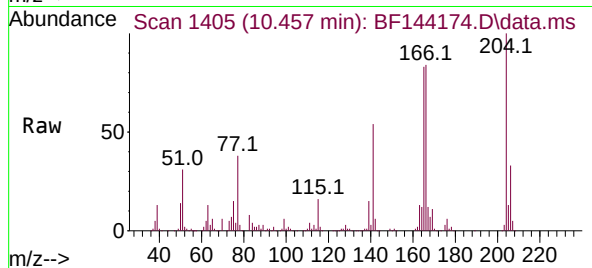




#61
4-Chlorophenyl-phenylether
Concen: 43.294 ng
RT: 10.457 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

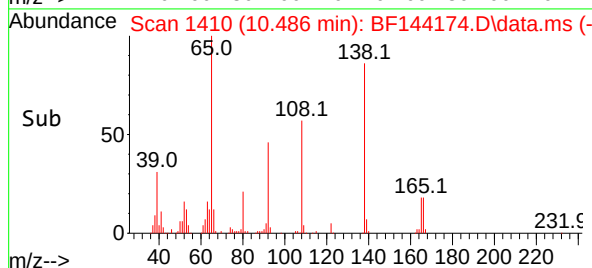
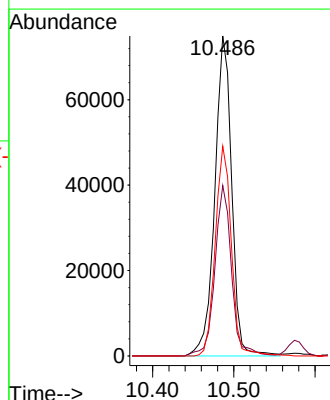
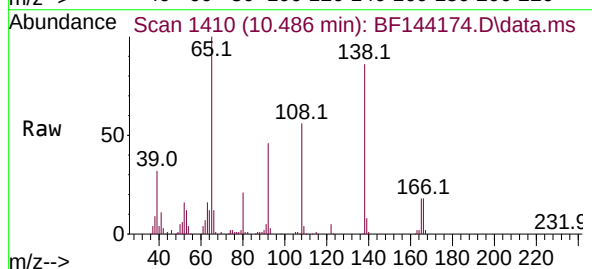
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

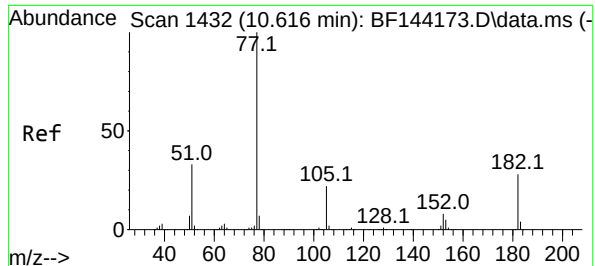
Tgt Ion:204 Resp: 242650
Ion Ratio Lower Upper
204 100
206 33.4 27.4 41.2
141 54.0 40.0 60.0



#62
4-Nitroaniline
Concen: 45.557 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:138 Resp: 108312
Ion Ratio Lower Upper
138 100
92 53.2 29.4 69.4
108 65.5 46.4 86.4

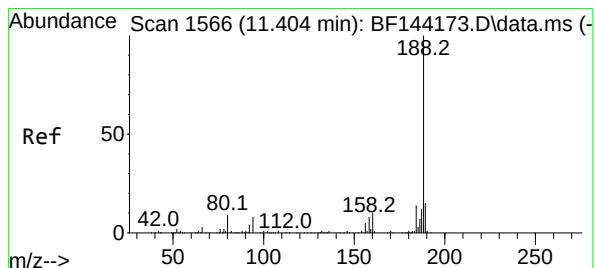
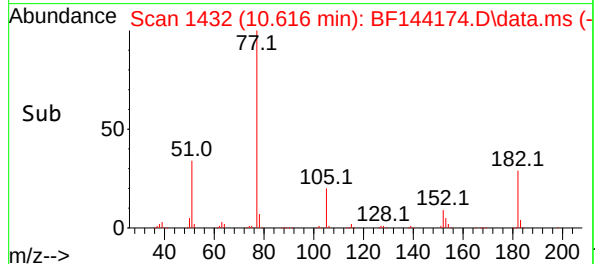
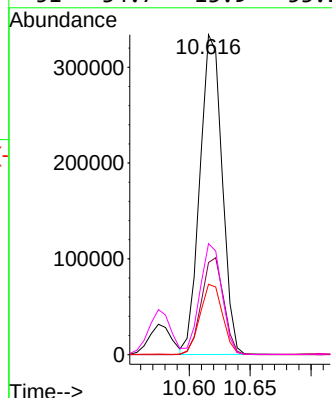
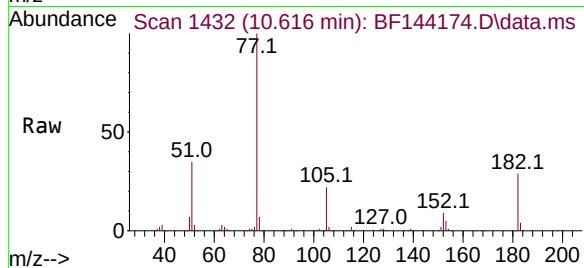




#63
Azobenzene
Concen: 43.768 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

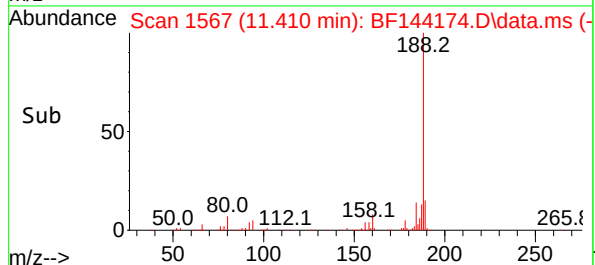
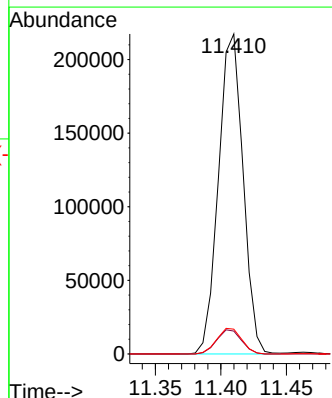
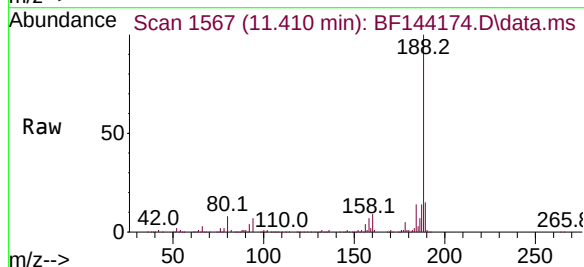
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

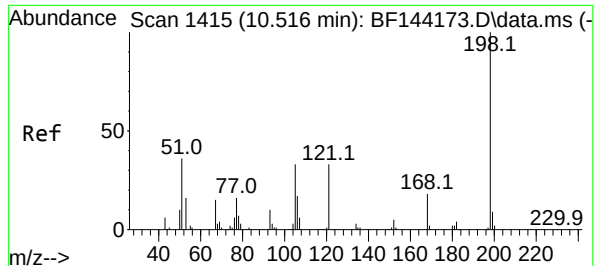
Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.8	8.1	48.1
105	22.0	2.0	42.0
51	34.7	13.9	53.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.2	9.2
80	7.7	6.9	10.3

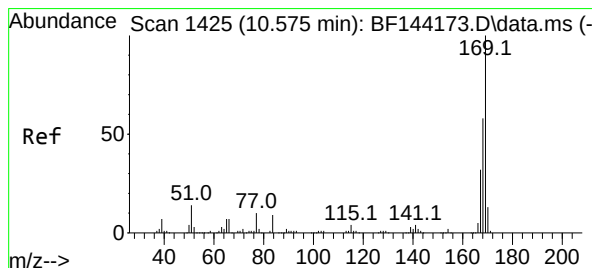
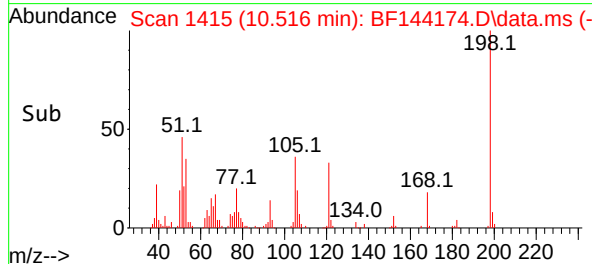
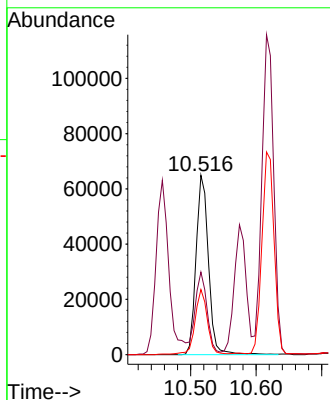
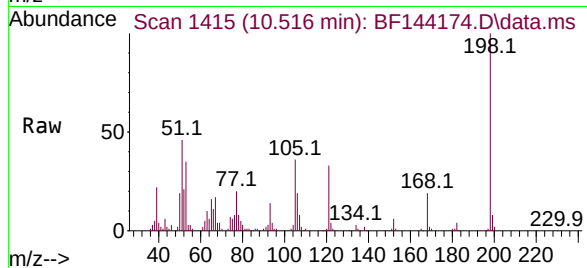




#65
4,6-Dinitro-2-methylphenol
Concen: 44.204 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

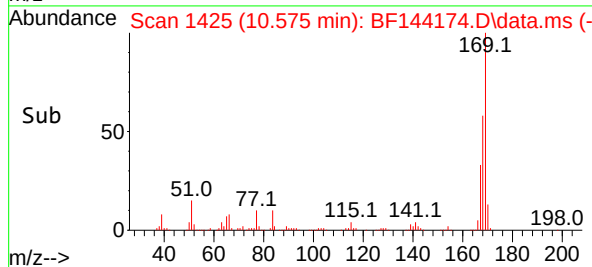
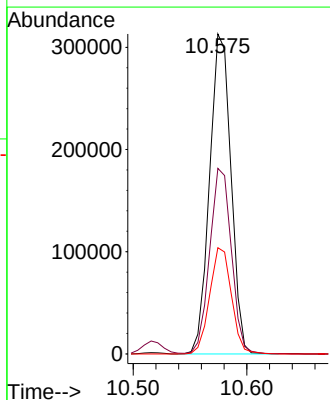
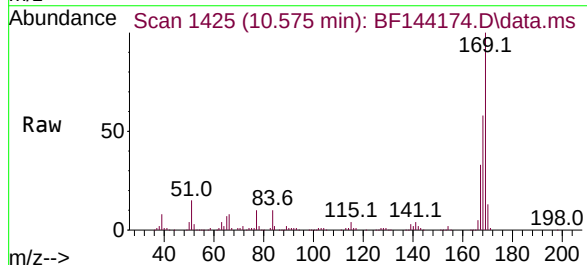
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

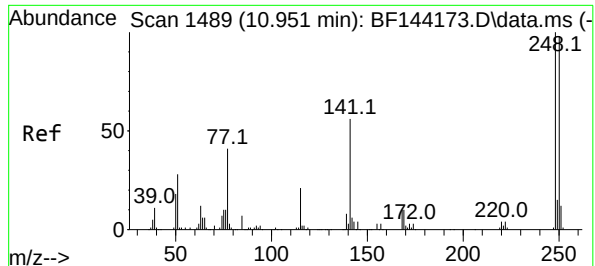
Tgt Ion:198 Resp: 85232
Ion Ratio Lower Upper
198 100
51 46.0 25.6 65.6
105 36.3 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 44.877 ng
RT: 10.575 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:169 Resp: 409670
Ion Ratio Lower Upper
169 100
168 58.0 46.2 69.2
167 33.2 25.7 38.5

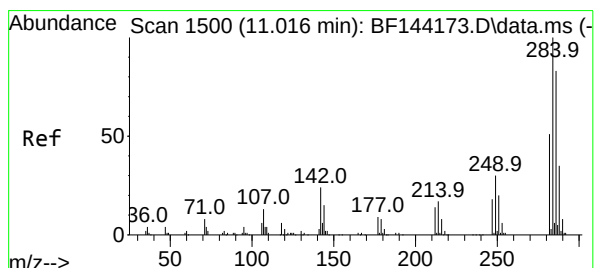
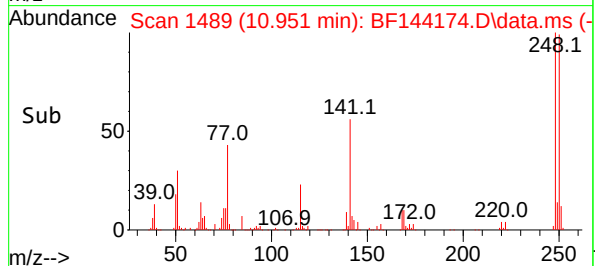
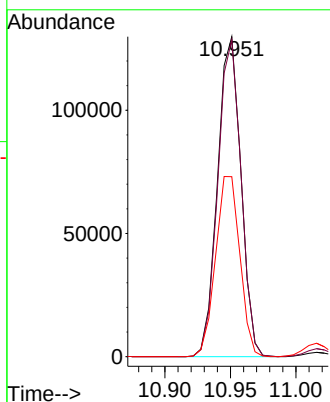
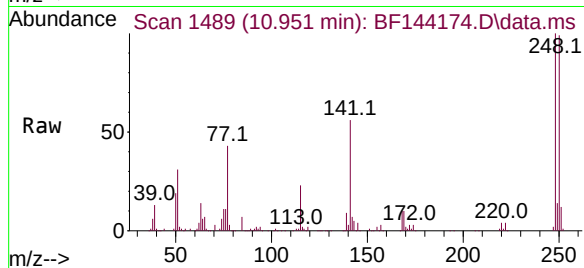




#67
4-Bromophenyl-phenylether
Concen: 44.606 ng
RT: 10.951 min Scan# 1489
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

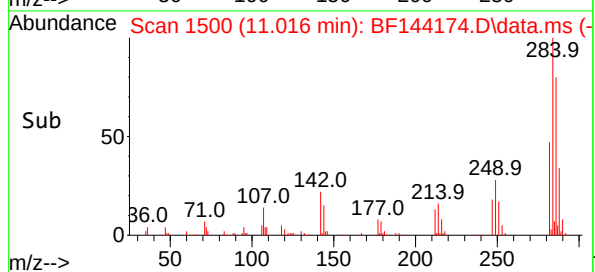
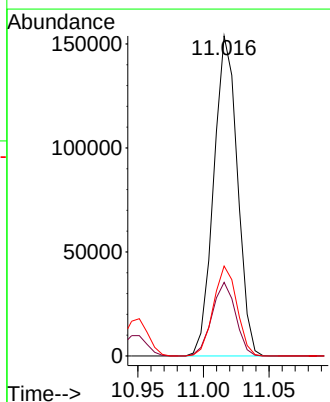
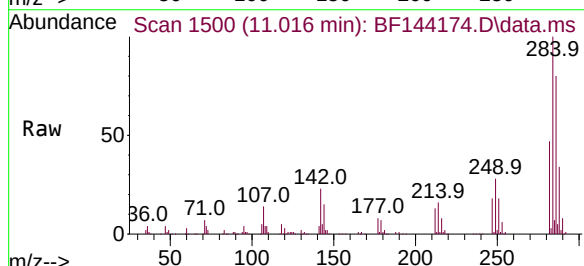
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

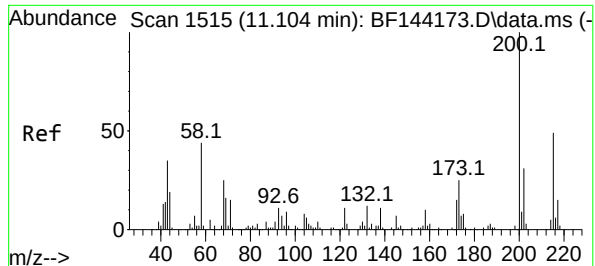
Tgt Ion:248 Resp: 161600
Ion Ratio Lower Upper
248 100
250 99.0 78.4 117.6
141 56.2 45.1 67.7



#68
Hexachlorobenzene
Concen: 45.364 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:284 Resp: 193574
Ion Ratio Lower Upper
284 100
142 23.0 19.2 28.8
249 28.1 23.8 35.8





#69

Atrazine

Concen: 43.906 ng

RT: 11.104 min Scan# 1515

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

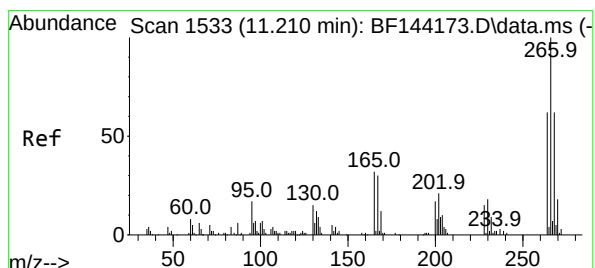
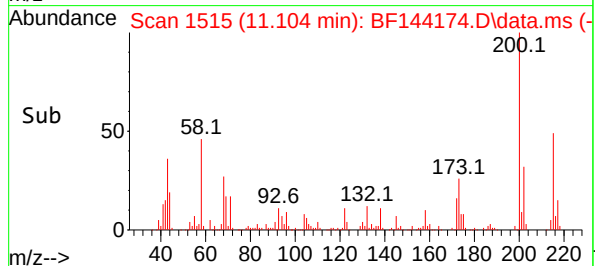
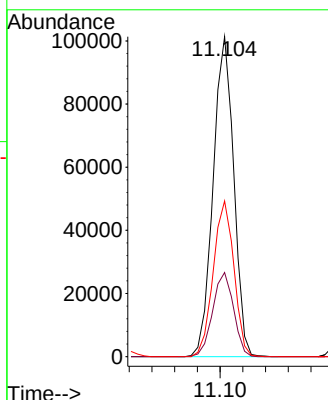
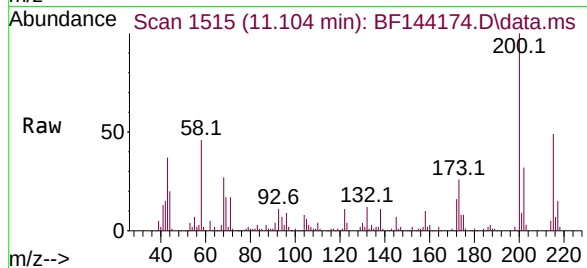
Tgt Ion:200 Resp: 127465

Ion Ratio Lower Upper

200 100

173 26.3 5.0 45.0

215 48.6 28.7 68.7



#70

Pentachlorophenol

Concen: 45.622 ng

RT: 11.210 min Scan# 1533

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

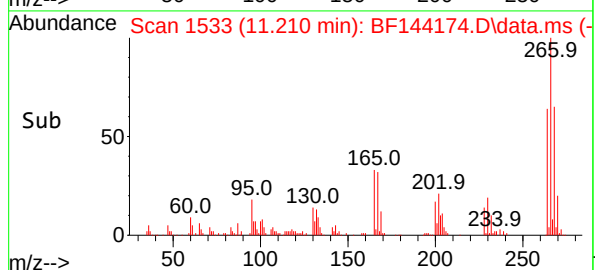
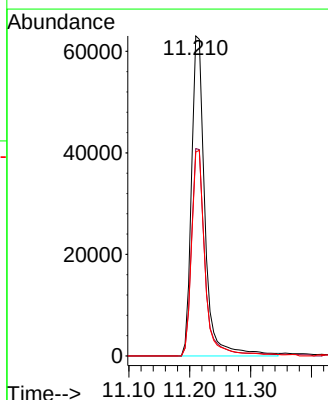
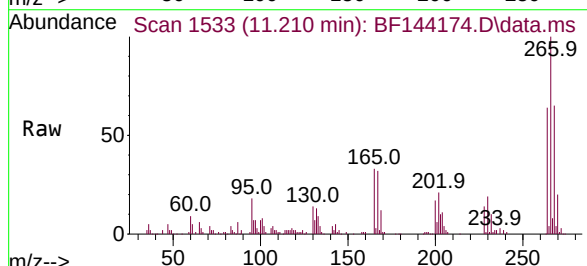
Tgt Ion:266 Resp: 96941

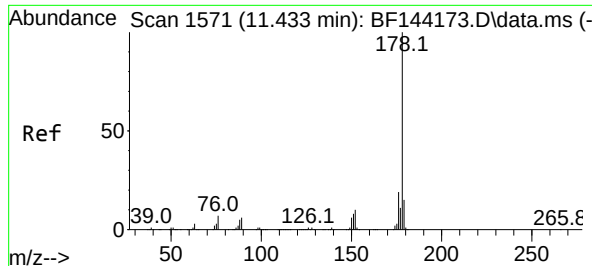
Ion Ratio Lower Upper

266 100

268 64.8 49.5 74.3

264 63.7 49.4 74.2

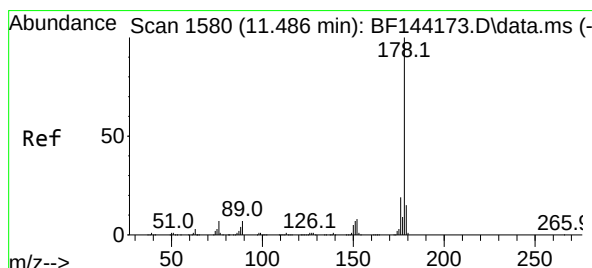
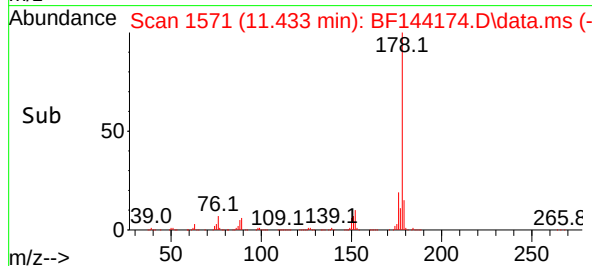
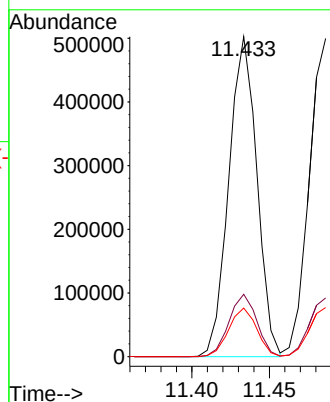
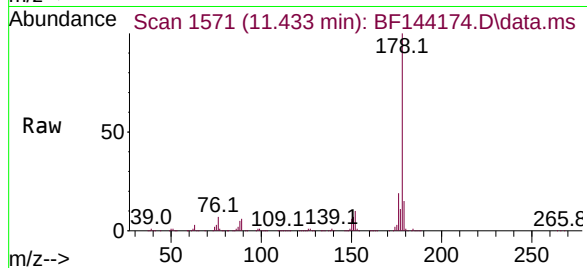




#71
Phenanthrene
Concen: 44.800 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

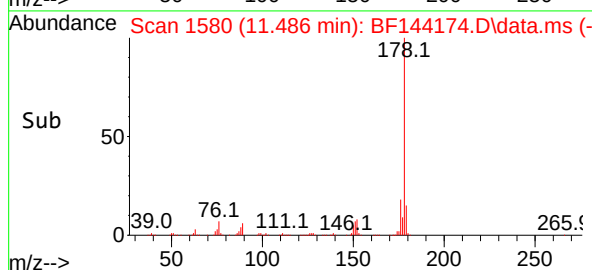
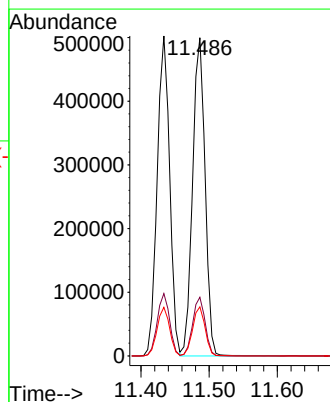
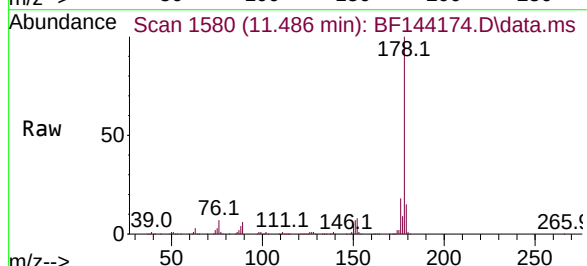
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

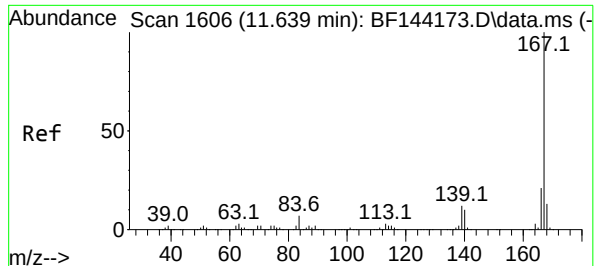
Tgt Ion:178 Resp: 633088
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 15.2 12.2 18.4



#72
Anthracene
Concen: 44.292 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

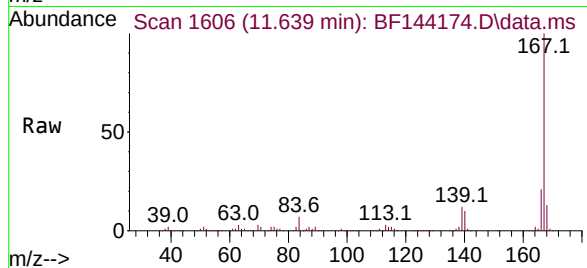
Tgt Ion:178 Resp: 636448
Ion Ratio Lower Upper
178 100
176 18.5 15.3 22.9
179 15.4 12.0 18.0



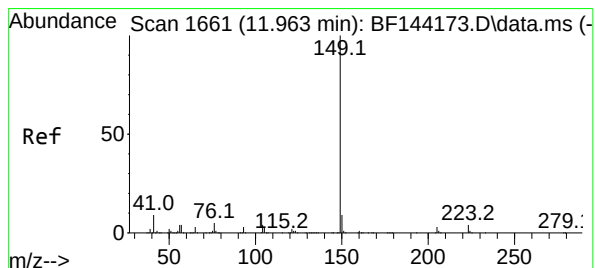
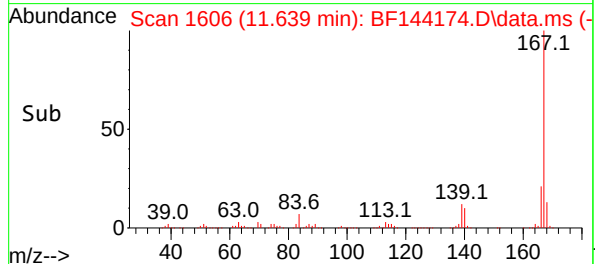
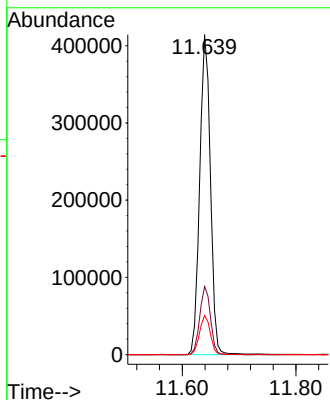


#73
Carbazole
Concen: 44.273 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

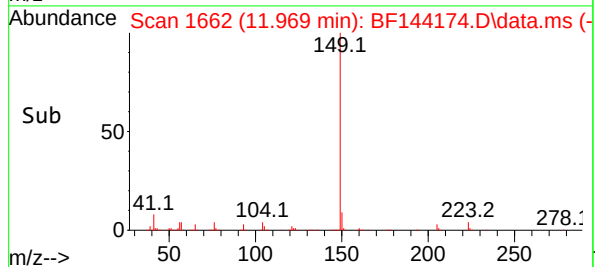
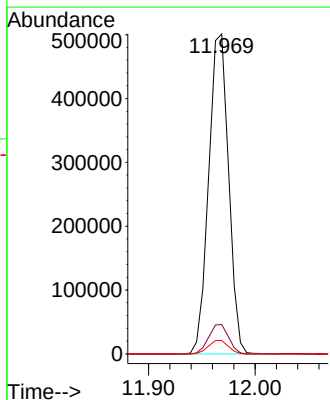
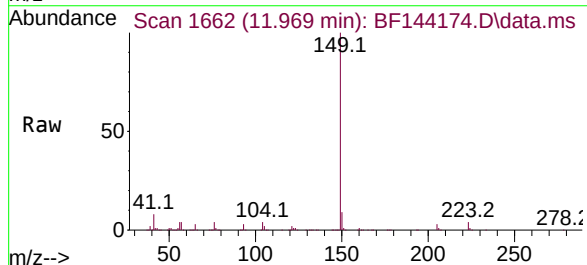


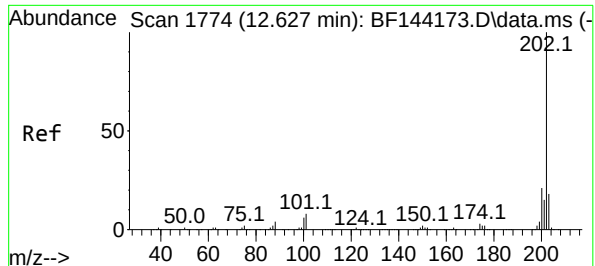
Tgt Ion:167 Resp: 540957
Ion Ratio Lower Upper
167 100
166 21.3 17.2 25.8
139 12.2 9.9 14.9



#74
Di-n-butylphthalate
Concen: 44.060 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:149 Resp: 650810
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 4.2 3.4 5.2

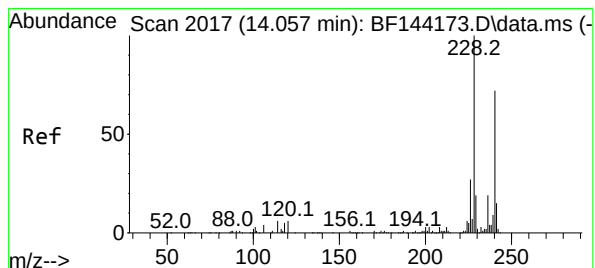
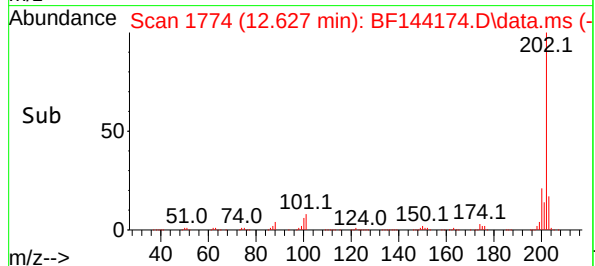
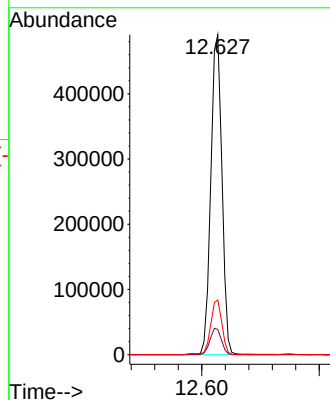
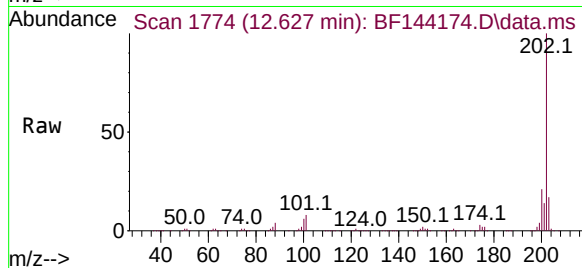




#75
Fluoranthene
Concen: 44.244 ng
RT: 12.627 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

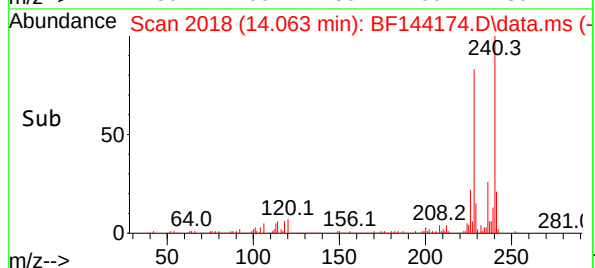
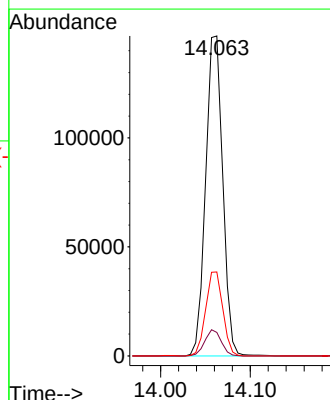
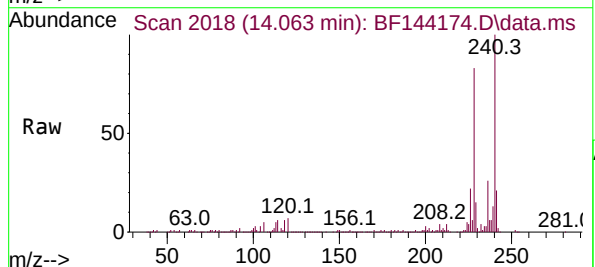
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

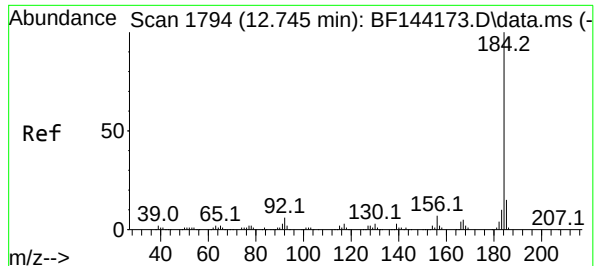
Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.9	0.0	27.9
203	17.1	0.0	37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.4	6.6	10.0
236	26.2	21.4	32.2

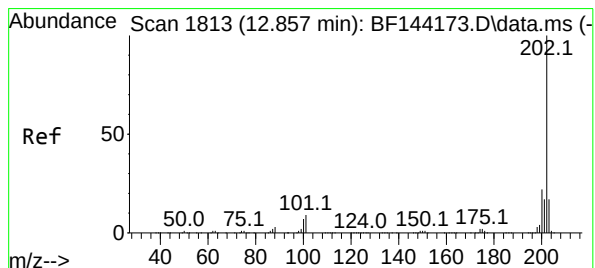
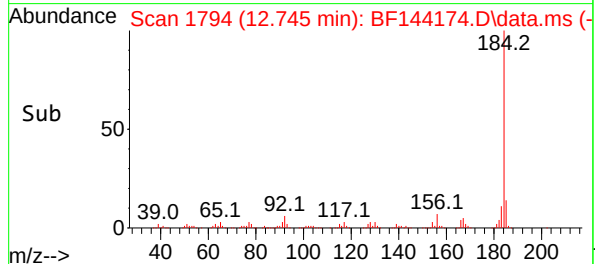
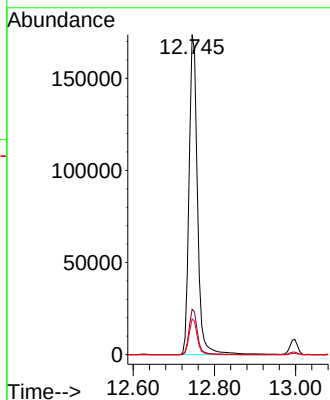
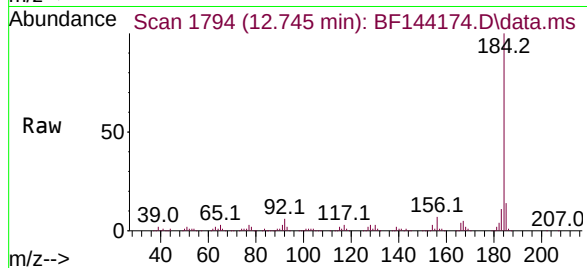




#77
Benzidine
Concen: 43.243 ng
RT: 12.745 min Scan# 1794
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

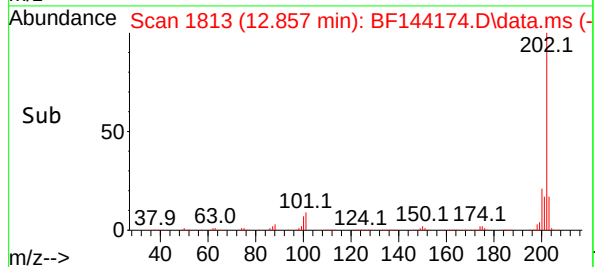
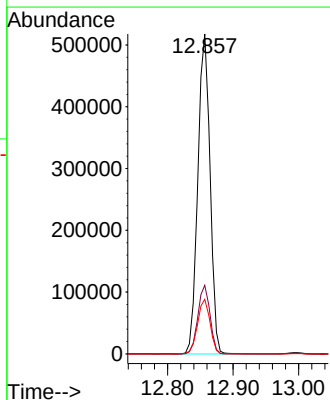
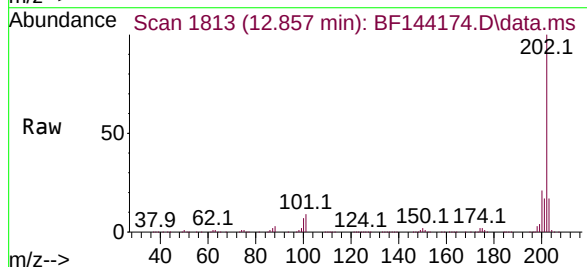
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

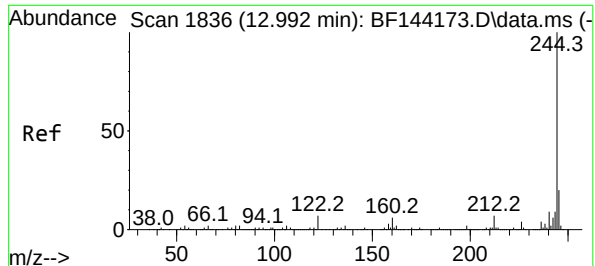
Tgt Ion:184 Resp: 248615
Ion Ratio Lower Upper
184 100
185 14.2 11.7 17.5
183 11.1 8.3 12.5



#78
Pyrene
Concen: 42.540 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:202 Resp: 666673
Ion Ratio Lower Upper
202 100
200 21.4 17.2 25.8
203 17.0 13.7 20.5





#79

Terphenyl-d14

Concen: 82.754 ng

RT: 12.998 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

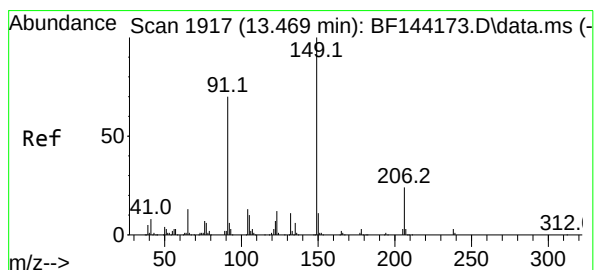
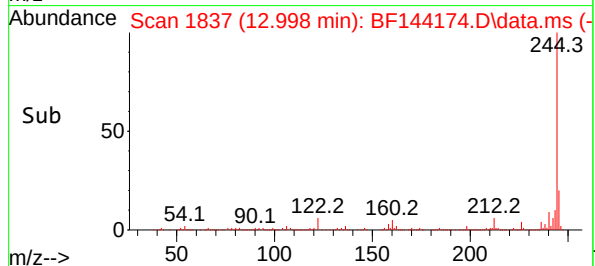
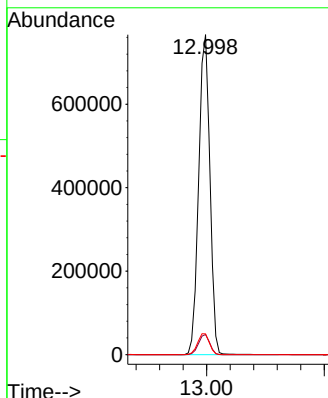
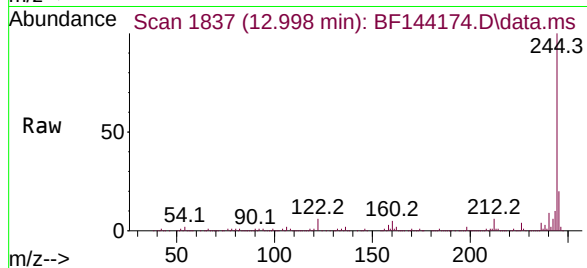
Tgt Ion:244 Resp: 1012618

Ion Ratio Lower Upper

244 100

212 6.3 5.3 7.9

122 6.5 5.6 8.4



#80

Butylbenzylphthalate

Concen: 44.602 ng

RT: 13.469 min Scan# 1917

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

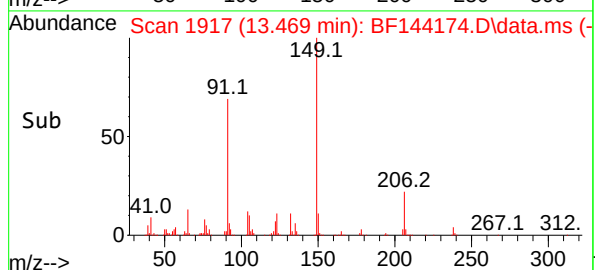
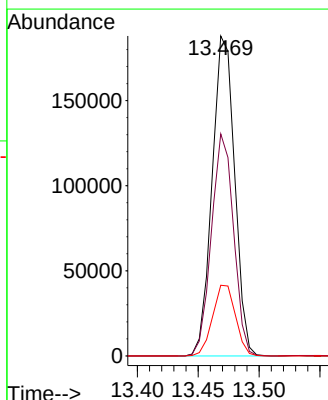
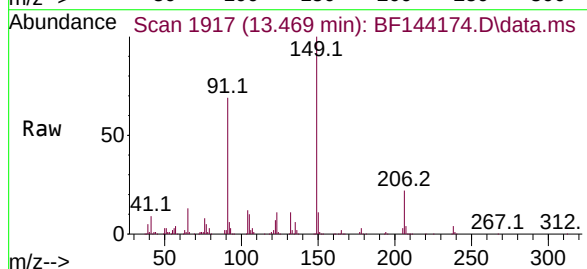
Tgt Ion:149 Resp: 242259

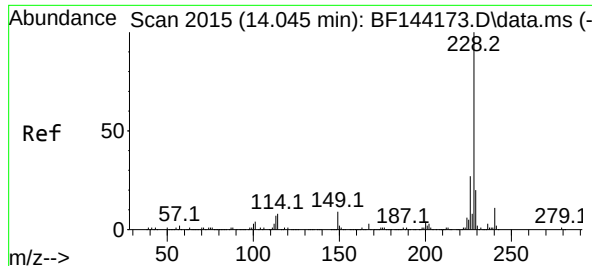
Ion Ratio Lower Upper

149 100

91 69.4 56.1 84.1

206 22.1 18.8 28.2

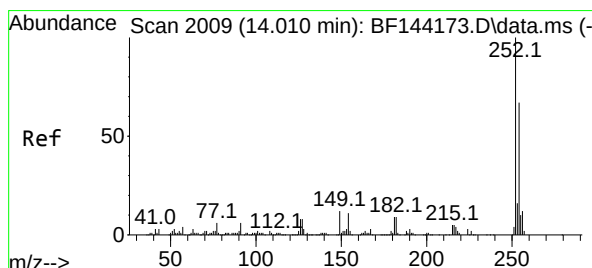
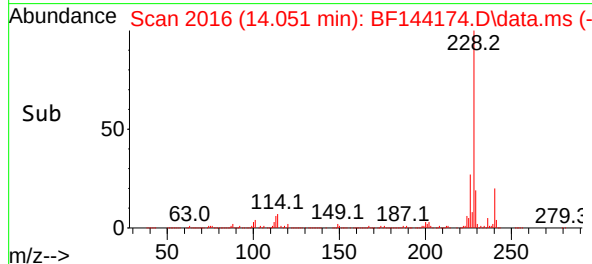
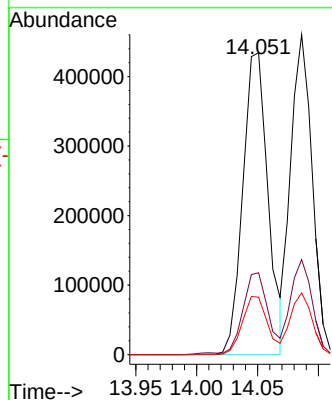
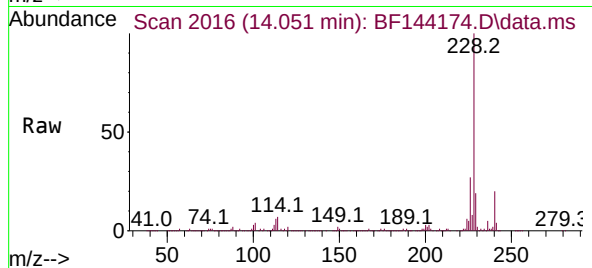




#81
Benzo(a)anthracene
Concen: 46.515 ng
RT: 14.051 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

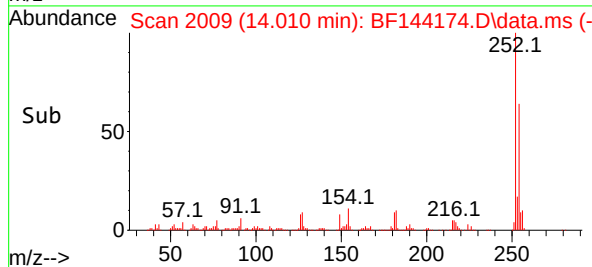
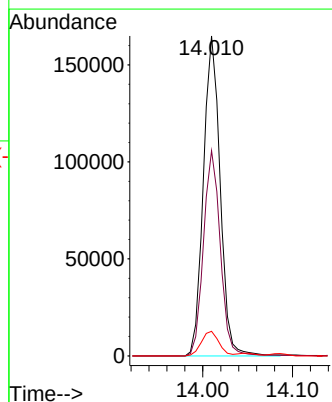
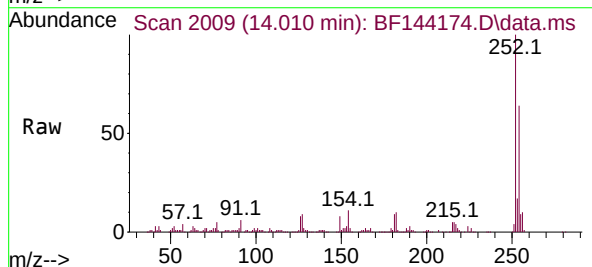
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

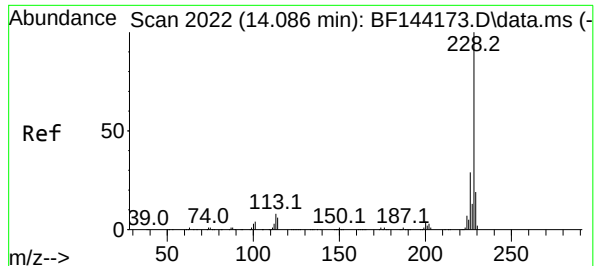
Tgt Ion:228 Resp: 626599
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 19.0 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 46.440 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:252 Resp: 214437
Ion Ratio Lower Upper
252 100
254 64.1 53.5 80.3
126 7.7 6.4 9.6





#83

Chrysene

Concen: 45.489 ng

RT: 14.086 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

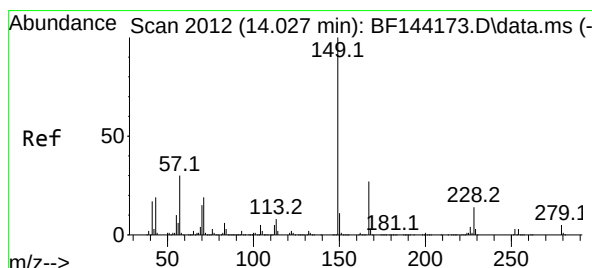
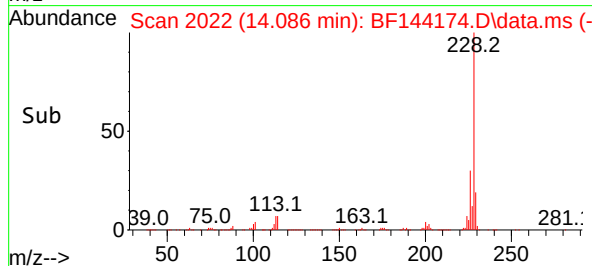
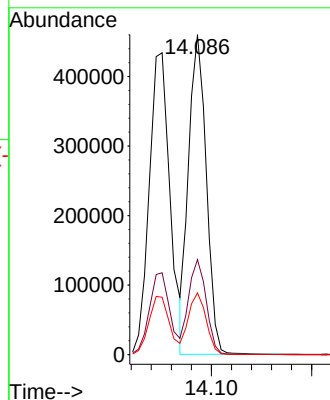
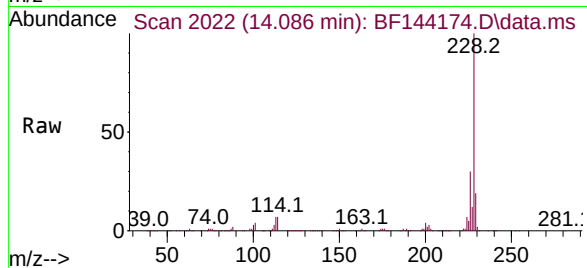
Tgt Ion:228 Resp: 565678

Ion Ratio Lower Upper

228 100

226 29.7 22.9 34.3

229 19.3 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.061 ng

RT: 14.027 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

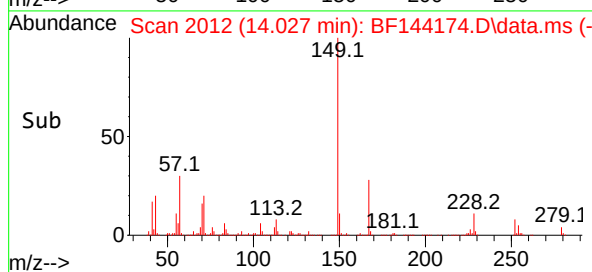
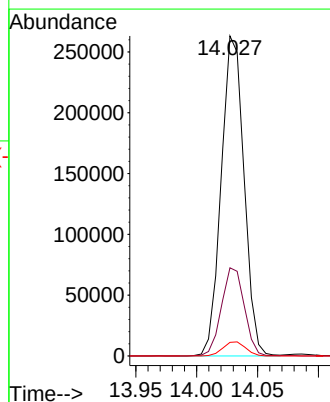
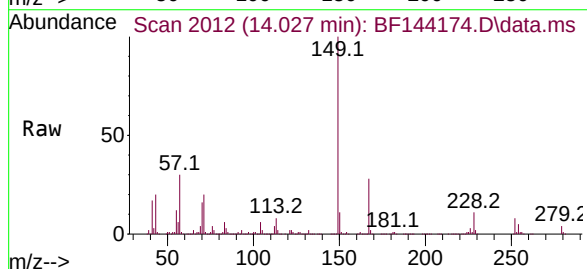
Tgt Ion:149 Resp: 342489

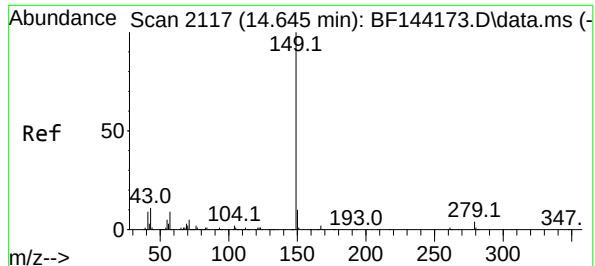
Ion Ratio Lower Upper

149 100

167 27.5 21.8 32.8

279 4.2 3.7 5.5

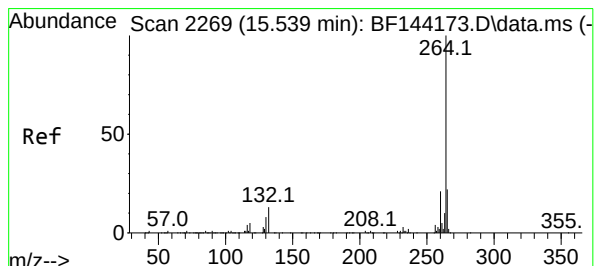
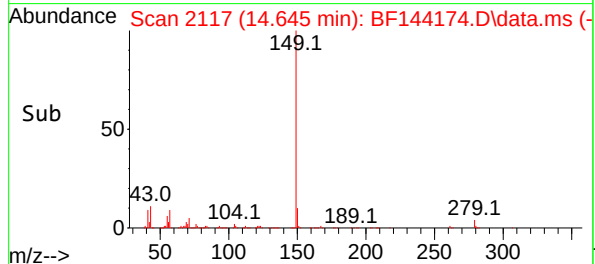
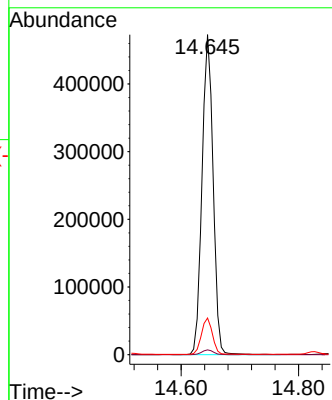
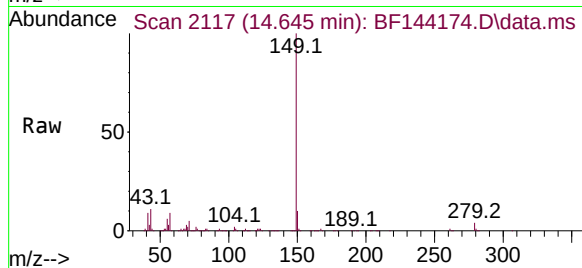




#85
Di-n-octyl phthalate
Concen: 48.068 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

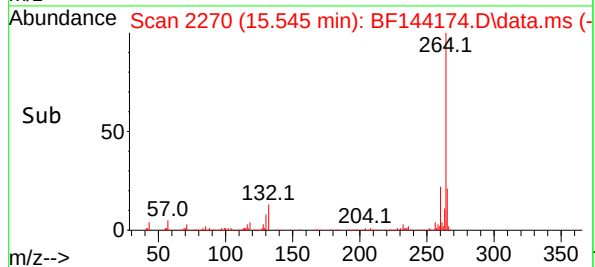
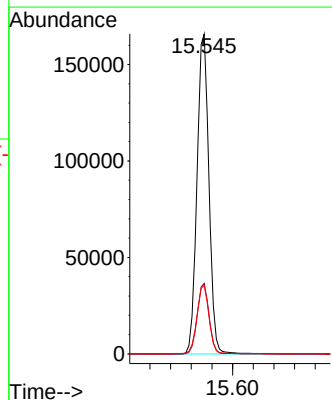
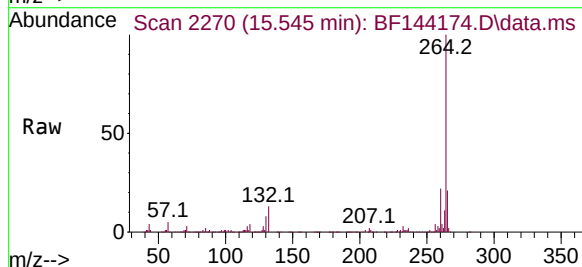
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

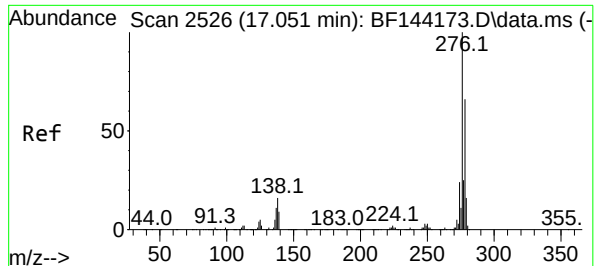
Tgt Ion:149 Resp: 616644
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.4 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:264 Resp: 264861
Ion Ratio Lower Upper
264 100
260 22.0 17.1 25.7
265 21.5 17.4 26.0

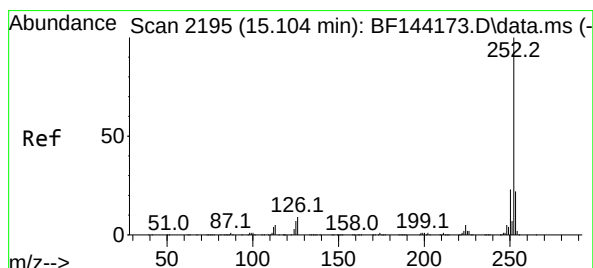
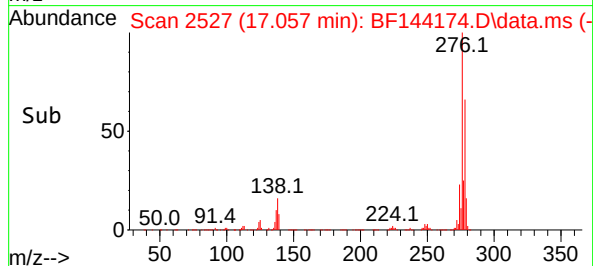
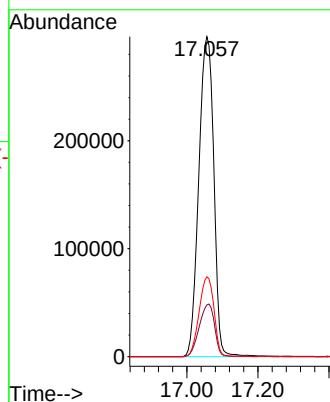
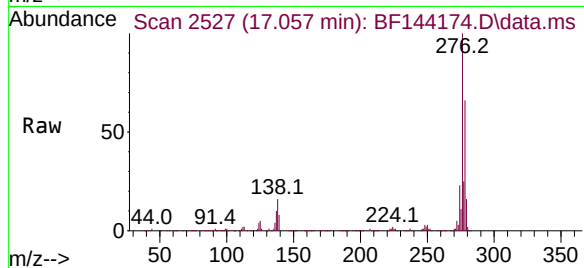




#87
Indeno(1,2,3-cd)pyrene
Concen: 45.642 ng
RT: 17.057 min Scan# 211
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

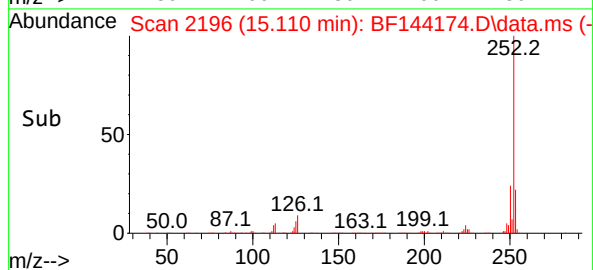
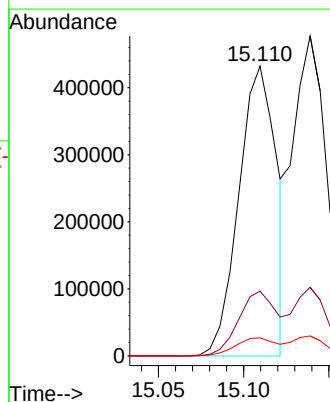
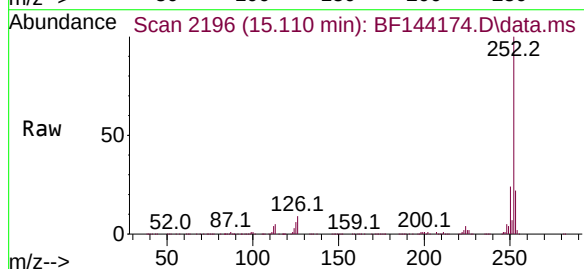
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

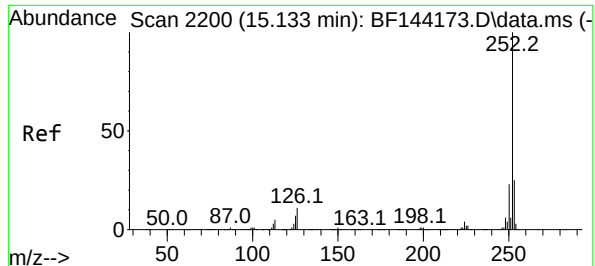
Tgt Ion:276 Resp: 867786
Ion Ratio Lower Upper
276 100
138 16.7 13.9 20.9
277 24.5 19.8 29.6



#88
Benzo(b)fluoranthene
Concen: 44.079 ng
RT: 15.110 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:252 Resp: 663728
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 6.2 5.3 7.9





#89

Benzo(k)fluoranthene

Concen: 46.952 ng

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

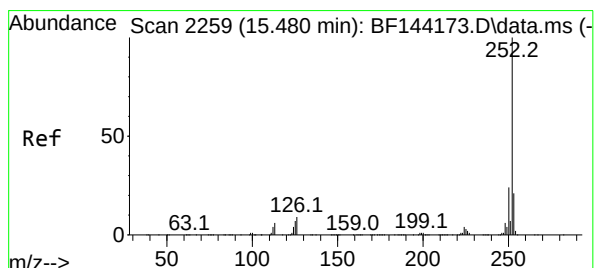
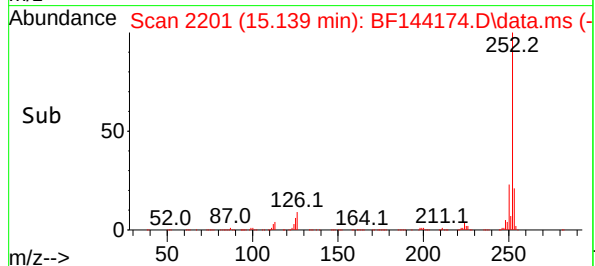
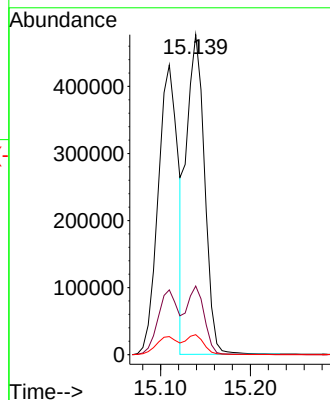
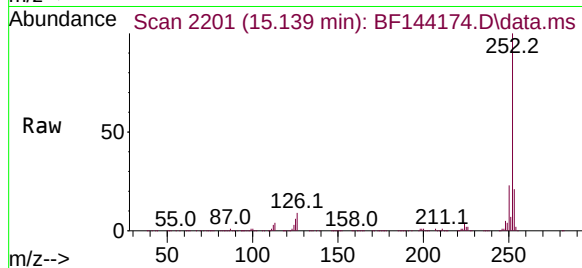
Tgt Ion:252 Resp: 661746

Ion Ratio Lower Upper

252 100

253 21.4 18.0 27.0

125 6.2 5.4 8.2



#90

Benzo(a)pyrene

Concen: 45.882 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

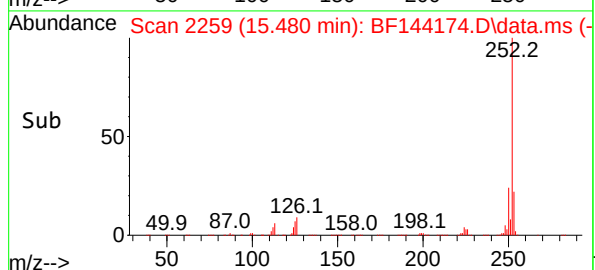
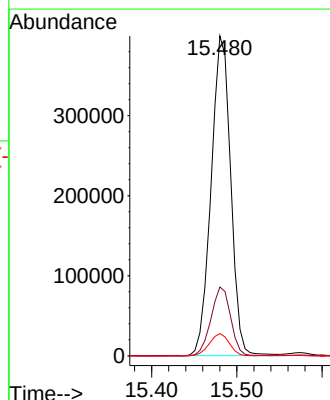
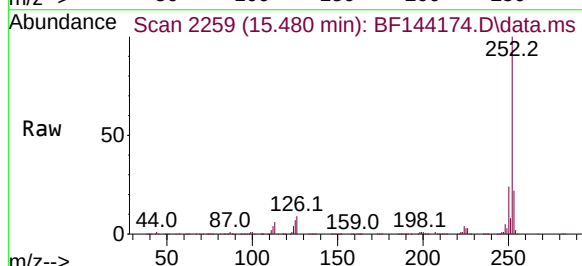
Tgt Ion:252 Resp: 637370

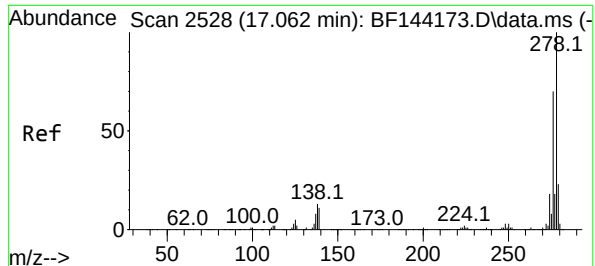
Ion Ratio Lower Upper

252 100

253 21.5 16.7 25.1

125 7.0 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 45.098 ng

RT: 17.068 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

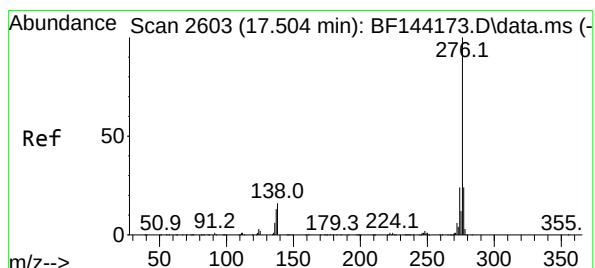
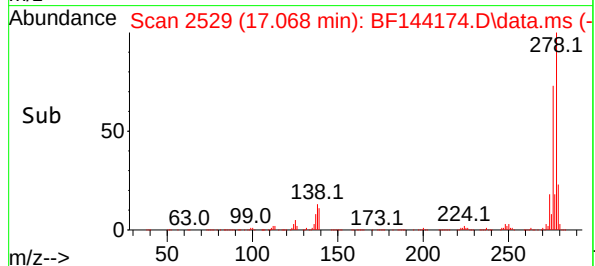
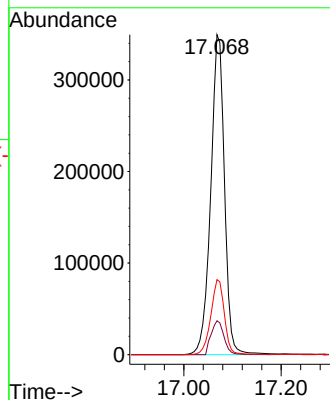
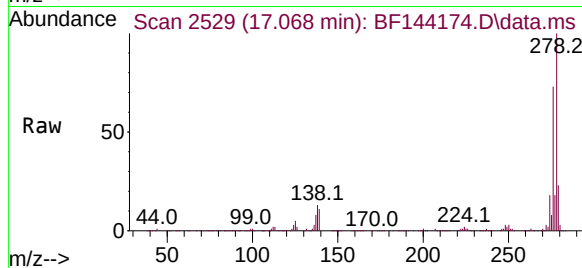
Tgt Ion:278 Resp: 688620

Ion Ratio Lower Upper

278 100

139 10.6 9.1 13.7

279 23.4 18.2 27.4



#92

Benzo(g,h,i)perylene

Concen: 45.152 ng

RT: 17.509 min Scan# 2604

Delta R.T. -0.012 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

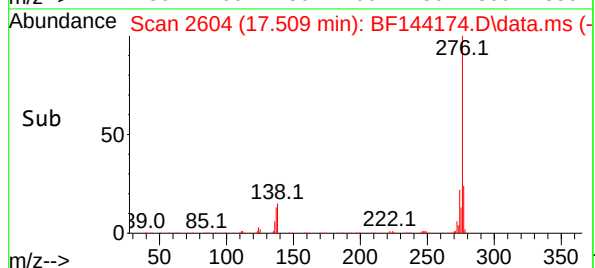
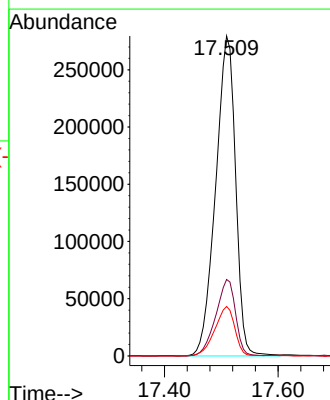
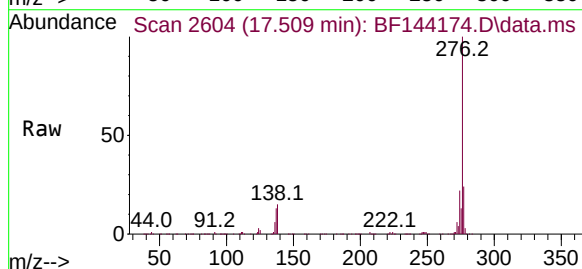
Tgt Ion:276 Resp: 680830

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.4

138 15.4 12.9 19.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144175.D
 Acq On : 05 Nov 2025 16:19
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Quant Time: Nov 05 17:24:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	63801	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	239743	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	126385	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	213136	20.000	ng	0.00
76) Chrysene-d12	14.057	240	145867	20.000	ng	0.00
86) Perylene-d12	15.539	264	205758	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	509184	124.890	ng	0.00
7) Phenol-d6	6.510	99	559443	121.101	ng	0.00
23) Nitrobenzene-d5	7.439	82	519687	125.195	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	198226	124.986	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1047440	122.404	ng	0.00
79) Terphenyl-d14	12.998	244	1057426	115.147	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.604	88	109742	65.106	ng	99
3) Pyridine	3.375	79	307664	65.424	ng	97
4) n-Nitrosodimethylamine	3.334	42	166098	67.619	ng	97
6) Aniline	6.539	93	409356	62.194	ng	99
8) 2-Chlorophenol	6.663	128	247503	61.902	ng	99
9) Benzaldehyde	6.428	77	150534	57.706	ng	98
10) Phenol	6.522	94	342646	60.707	ng	90
11) bis(2-Chloroethyl)ether	6.610	93	256657	62.405	ng	96
12) 1,3-Dichlorobenzene	6.816	146	303642	61.543	ng	98
13) 1,4-Dichlorobenzene	6.892	146	306973	62.104	ng	99
14) 1,2-Dichlorobenzene	7.045	146	293432	61.936	ng	99
15) Benzyl Alcohol	7.016	79	229107	62.632	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.145	45	467387	61.712	ng	96
17) 2-Methylphenol	7.128	107	191705	60.269	ng	96
18) Hexachloroethane	7.386	117	103964	63.308	ng	99
19) n-Nitroso-di-n-propyla...	7.292	70	179314	58.963	ng	96
20) 3+4-Methylphenols	7.281	107	224891	59.977	ng	91
22) Acetophenone	7.286	105	302907	58.897	ng	94
24) Nitrobenzene	7.463	77	285924	63.439	ng	98
25) Isophorone	7.698	82	485836	61.876	ng	99
26) 2-Nitrophenol	7.775	139	144140	64.606	ng	96
27) 2,4-Dimethylphenol	7.810	122	212249	63.471	ng	95
28) bis(2-Chloroethoxy)met...	7.904	93	304411	62.085	ng	99
29) 2,4-Dichlorophenol	8.016	162	234718	60.899	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	240858	60.858	ng	98
31) Naphthalene	8.181	128	684579	60.028	ng	100
32) Benzoic acid	7.933	122	136682	55.761	ng	96
33) 4-Chloroaniline	8.228	127	255554	61.441	ng	98
34) Hexachlorobutadiene	8.298	225	182626	61.229	ng	98
35) Caprolactam	8.610	113	62840	59.512	ng	95
36) 4-Chloro-3-methylphenol	8.710	107	208910	60.481	ng	99
37) 2-Methylnaphthalene	8.875	142	447909	58.743	ng	98
38) 1-Methylnaphthalene	8.975	142	431529	58.654	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	271508	65.549	ng	99
41) Hexachlorocyclopentadiene	9.022	237	95909	64.419	ng	96
43) 2,4,6-Trichlorophenol	9.151	196	185412	65.769	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144175.D
 Acq On : 05 Nov 2025 16:19
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

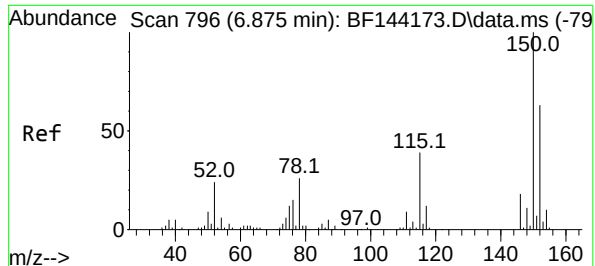
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	190324	62.639	ng	99
46) 1,1'-Biphenyl	9.339	154	549700	62.310	ng	99
47) 2-Chloronaphthalene	9.363	162	474514	63.056	ng	99
48) 2-Nitroaniline	9.457	65	141938	65.370	ng	98
49) Acenaphthylene	9.775	152	636324	62.050	ng	100
50) Dimethylphthalate	9.633	163	521205	62.250	ng	99
51) 2,6-Dinitrotoluene	9.698	165	110140	64.983	ng	99
52) Acenaphthene	9.951	154	423653	61.778	ng	99
53) 3-Nitroaniline	9.869	138	119967	64.749	ng	100
54) 2,4-Dinitrophenol	9.980	184	63597	62.138	ng	98
55) Dibenzofuran	10.122	168	592400	61.680	ng	98
56) 4-Nitrophenol	10.033	139	80163	59.812	ng	97
57) 2,4-Dinitrotoluene	10.104	165	142910	62.984	ng	97
58) Fluorene	10.469	166	435687	59.664	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	140953	65.569	ng	97
60) Diethylphthalate	10.333	149	468931	60.755	ng	98
61) 4-Chlorophenyl-phenyle...	10.457	204	249857	60.068	ng	97
62) 4-Nitroaniline	10.486	138	109153	61.862	ng	97
63) Azobenzene	10.616	77	453890	63.187	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	90823	62.727	ng	97
66) n-Nitrosodiphenylamine	10.574	169	421720	61.520	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	170395	62.634	ng	99
68) Hexachlorobenzene	11.016	284	204258	63.744	ng	96
69) Atrazine	11.104	200	134002	61.467	ng	100
70) Pentachlorophenol	11.216	266	103466	64.842	ng	99
71) Phenanthrene	11.433	178	641461	60.448	ng	99
72) Anthracene	11.486	178	656819	60.871	ng	100
73) Carbazole	11.639	167	546322	59.542	ng	100
74) Di-n-butylphthalate	11.969	149	677444	61.075	ng	99
75) Fluoranthene	12.627	202	667021	60.849	ng	99
77) Benzidine	12.745	184	277725	64.368	ng	100
78) Pyrene	12.857	202	686663	58.384	ng	100
80) Butylbenzylphthalate	13.468	149	249274	61.152	ng	100
81) Benzo(a)anthracene	14.051	228	653341	64.625	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	232807	67.182	ng	96
83) Chrysene	14.086	228	580449	62.196	ng	98
84) Bis(2-ethylhexyl)phtha...	14.027	149	351501	62.991	ng	98
85) Di-n-octyl phthalate	14.645	149	631065	65.547	ng	100
87) Indeno(1,2,3-cd)pyrene	17.056	276	938738	63.557	ng	100
88) Benzo(b)fluoranthene	15.109	252	700099	59.849	ng	99
89) Benzo(k)fluoranthene	15.139	252	699851	63.919	ng	98
90) Benzo(a)pyrene	15.480	252	680720	63.078	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	746544	62.936	ng	98
92) Benzo(g,h,i)perylene	17.515	276	757880	64.699	ng	98

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

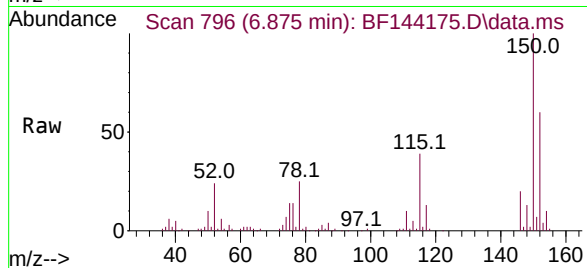
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BNA_F
ClientSampleId :
SSTDICC060

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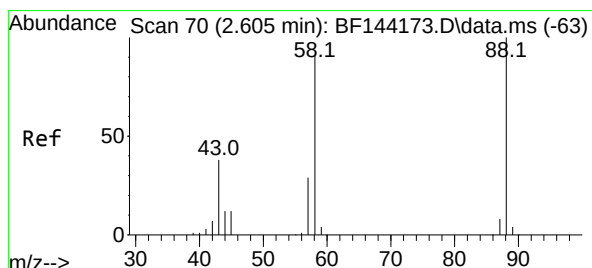
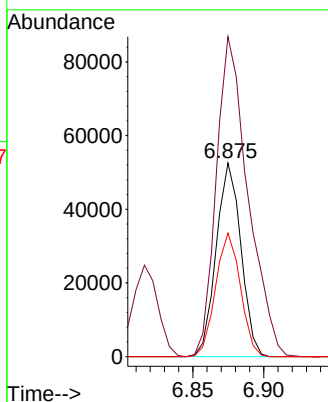
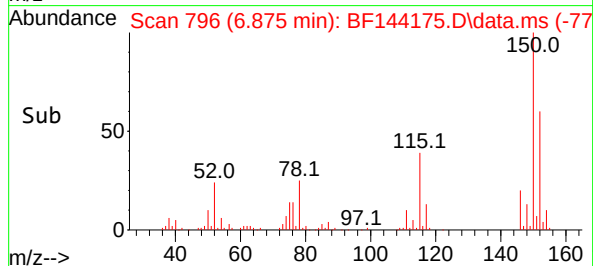


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

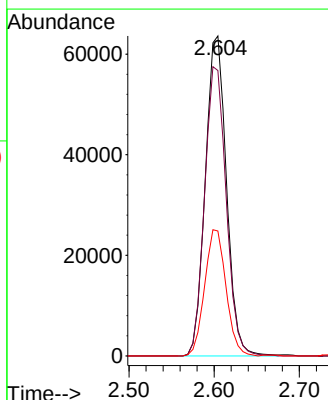
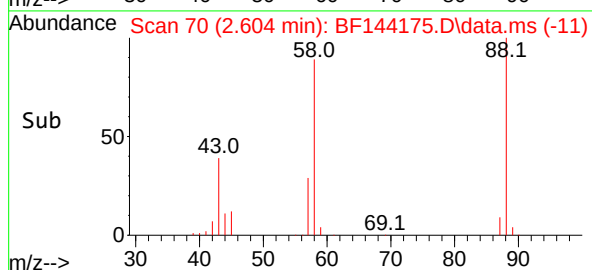
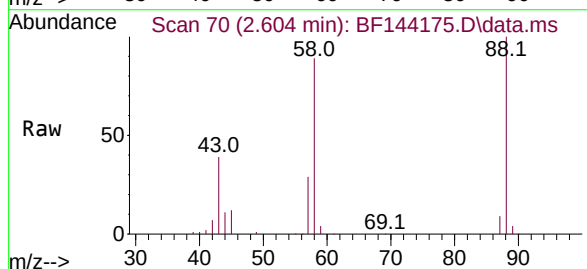


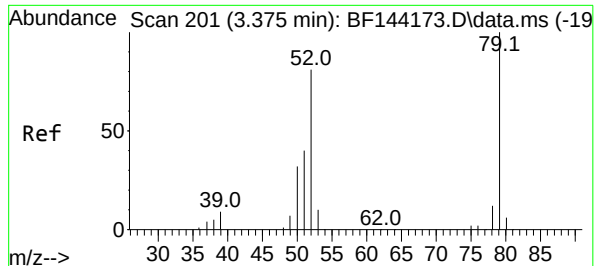
Tgt Ion:152 Resp: 63801
Ion Ratio Lower Upper
152 100
150 165.3 127.4 191.0
115 63.8 49.5 74.3



#2
1,4-Dioxane
Concen: 65.106 ng
RT: 2.604 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion: 88 Resp: 109742
Ion Ratio Lower Upper
88 100
58 92.2 73.1 109.7
43 39.9 31.0 46.6





#3

Pyridine

Concen: 65.424 ng

RT: 3.375 min Scan# 201

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

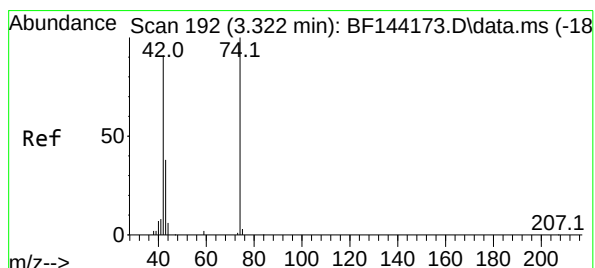
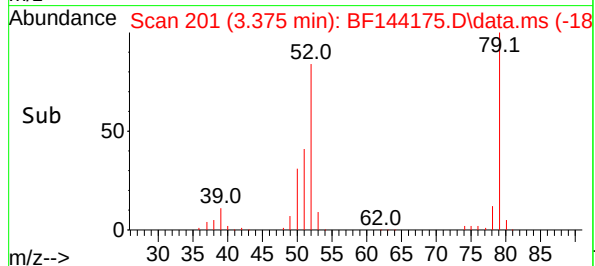
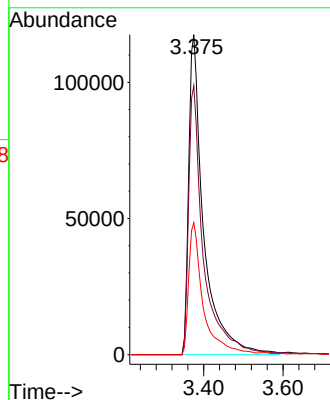
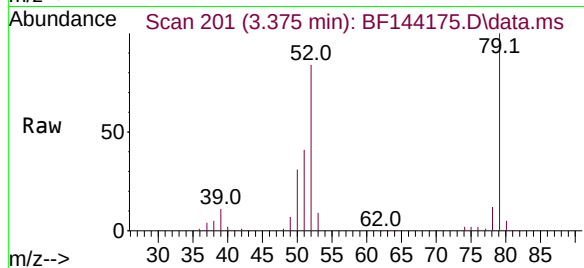
Tgt Ion: 79 Resp: 307664

Ion Ratio Lower Upper

79 100

52 84.0 64.5 96.7

51 41.2 31.7 47.5



#4

n-Nitrosodimethylamine

Concen: 67.619 ng

RT: 3.334 min Scan# 194

Delta R.T. -0.012 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

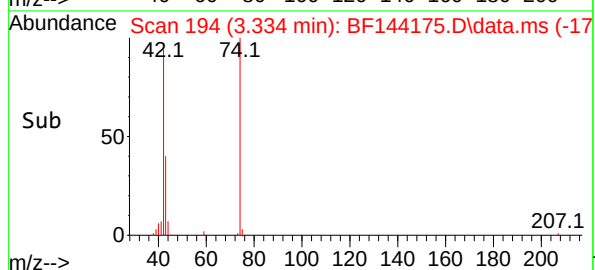
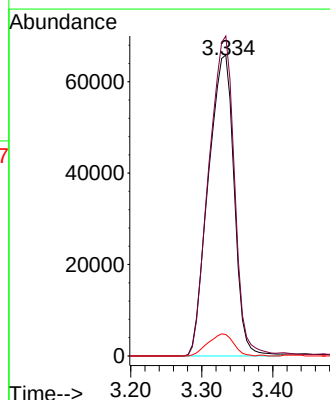
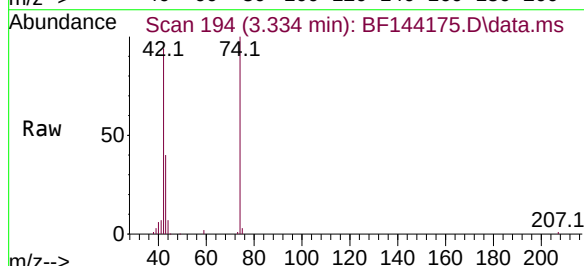
Tgt Ion: 42 Resp: 166098

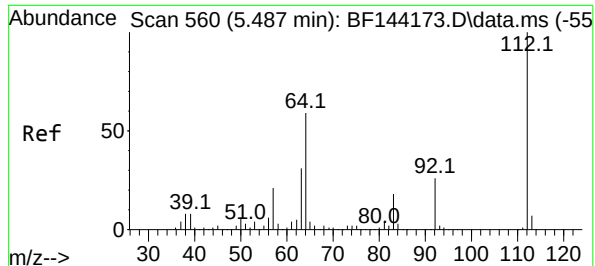
Ion Ratio Lower Upper

42 100

74 106.4 88.2 132.4

44 7.1 5.7 8.5

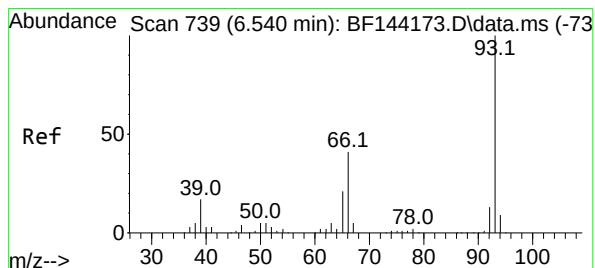
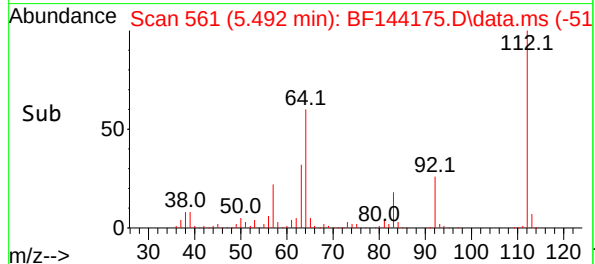
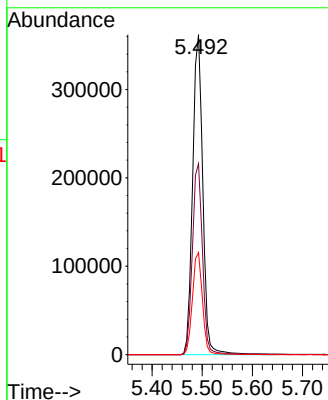
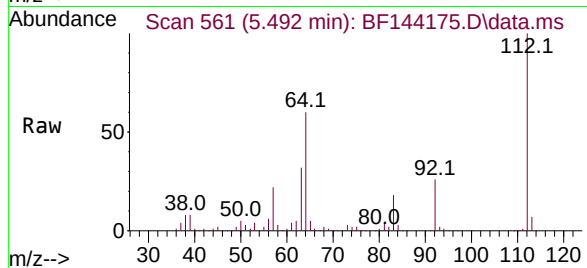




#5
2-Fluorophenol
Concen: 124.890 ng
RT: 5.492 min Scan# 561
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

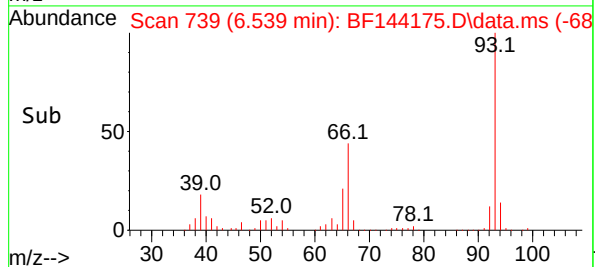
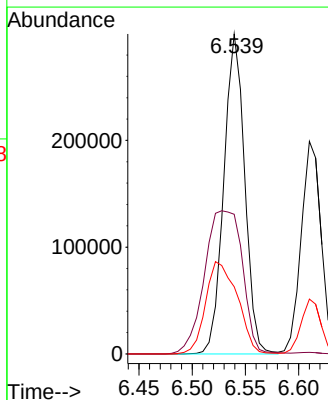
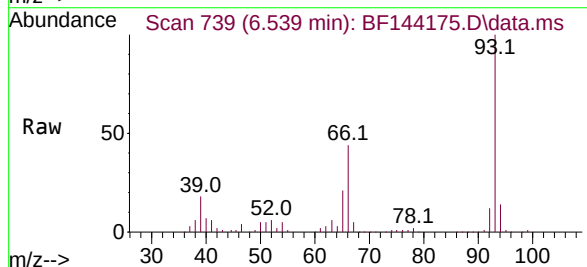
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

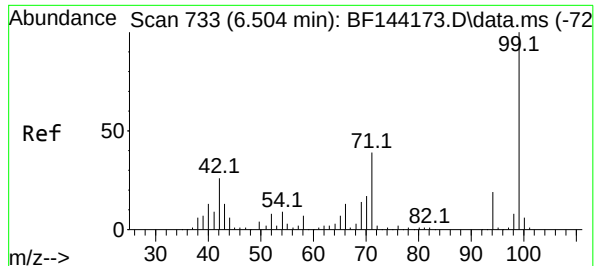
Tgt Ion:112 Resp: 509184
Ion Ratio Lower Upper
112 100
64 59.7 47.2 70.8
63 31.9 24.4 36.6



#6
Aniline
Concen: 62.194 ng
RT: 6.539 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion: 93 Resp: 409356
Ion Ratio Lower Upper
93 100
66 43.6 34.3 51.5
65 21.0 16.9 25.3

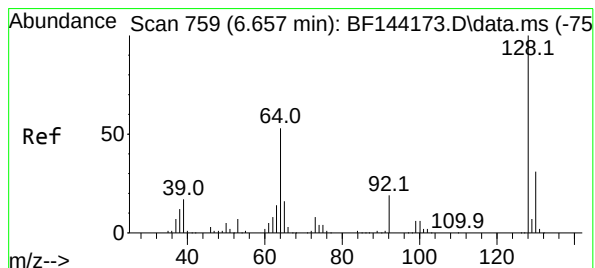
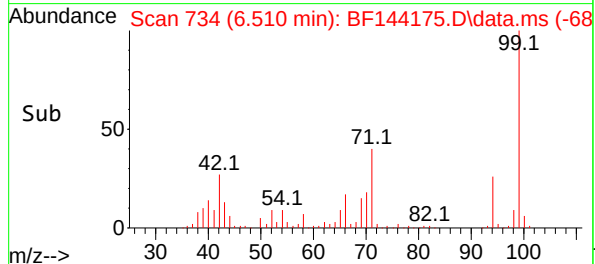
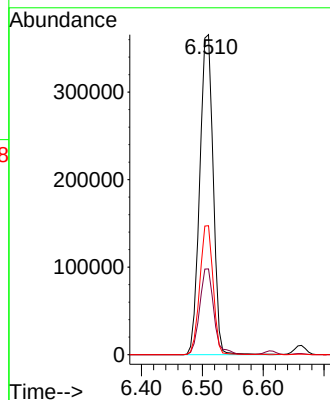
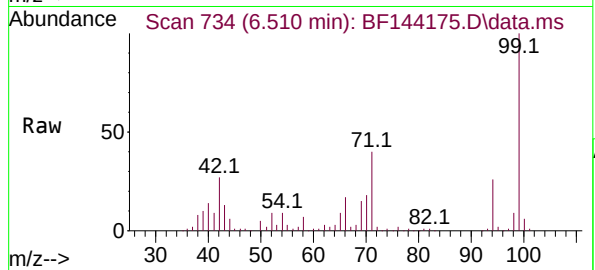




#7
Phenol-d6
Concen: 121.101 ng
RT: 6.510 min Scan# 734
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

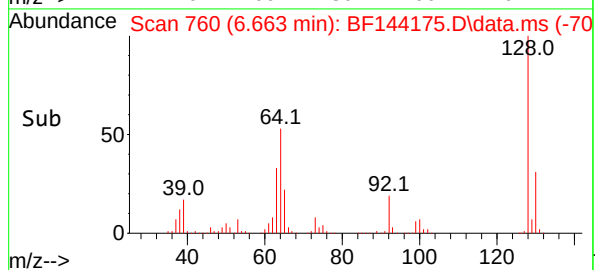
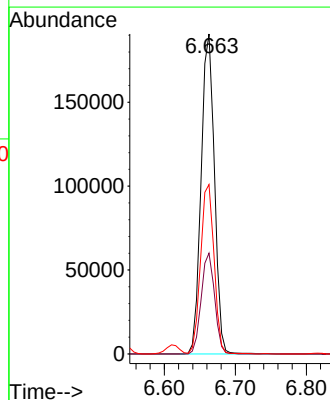
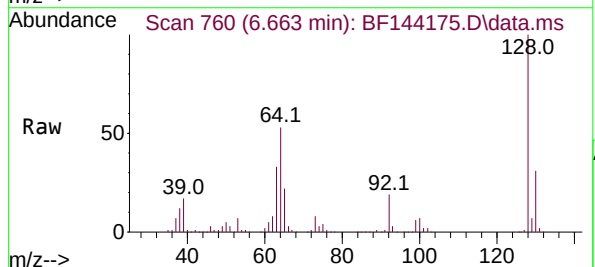
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

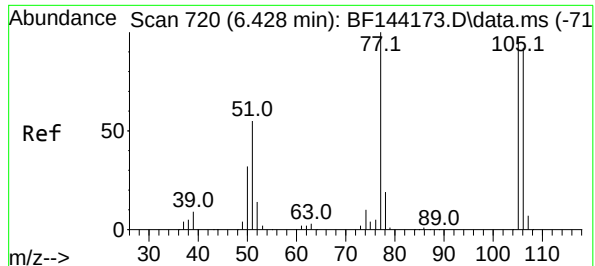
Tgt Ion: 99 Resp: 559443
Ion Ratio Lower Upper
99 100
42 26.8 20.9 31.3
71 40.3 31.4 47.2



#8
2-Chlorophenol
Concen: 61.902 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion: 128 Resp: 247503
Ion Ratio Lower Upper
128 100
130 31.5 10.5 50.5
64 52.9 33.2 73.2



#9
Benzaldehyde

Concen: 57.706 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

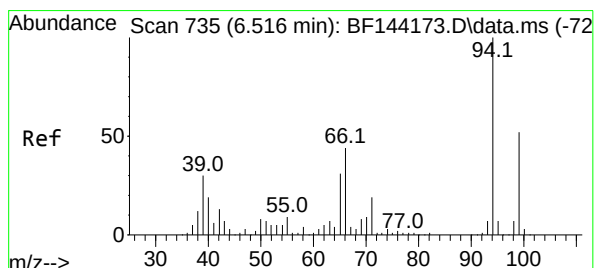
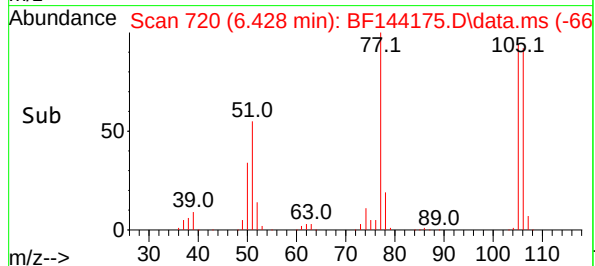
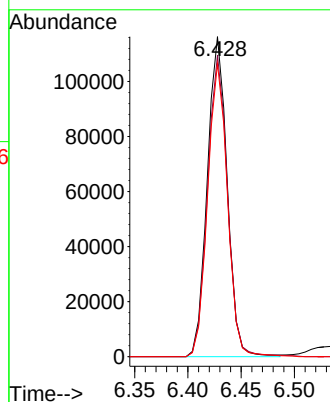
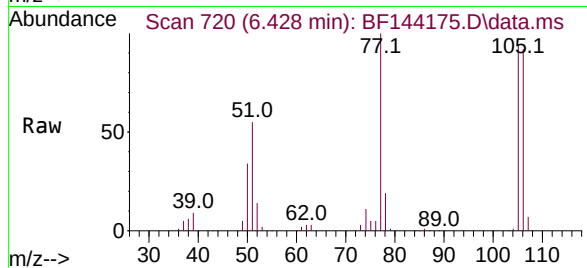
Tgt Ion: 77 Resp: 150534

Ion Ratio Lower Upper

77 100

105 94.2 77.2 117.2

106 91.6 72.2 112.2



#10

Phenol

Concen: 60.707 ng

RT: 6.522 min Scan# 736

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

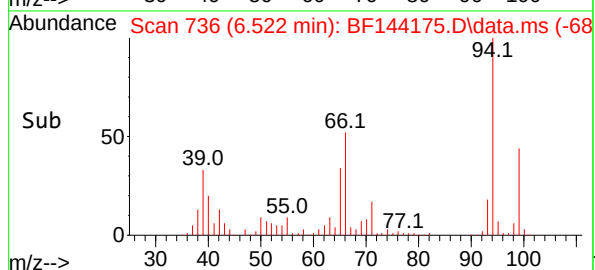
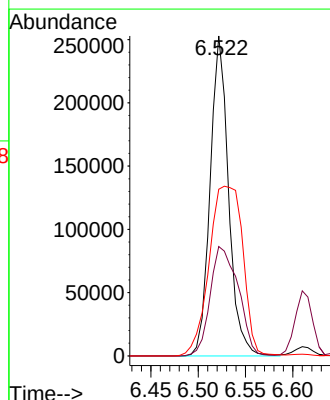
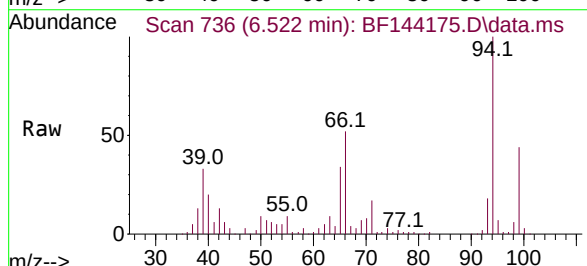
Tgt Ion: 94 Resp: 342646

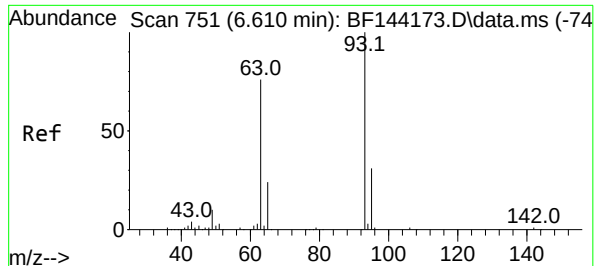
Ion Ratio Lower Upper

94 100

65 34.2 10.8 50.8

66 52.1 24.3 64.3

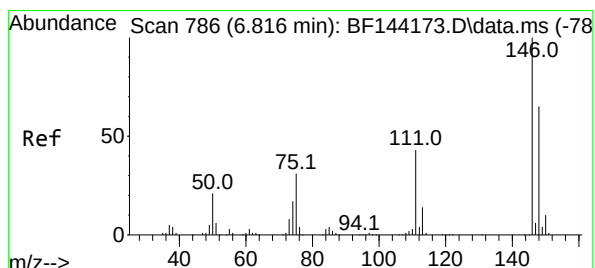
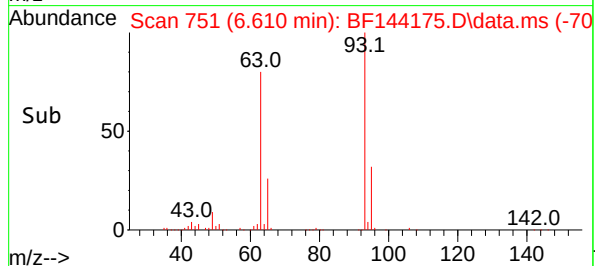
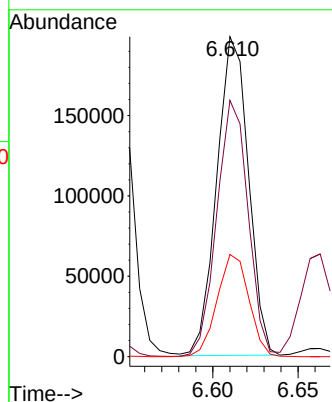
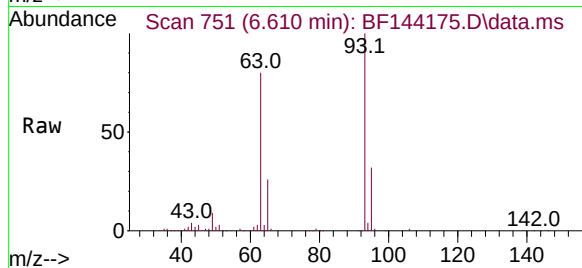




#11
bis(2-Chloroethyl)ether
Concen: 62.405 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

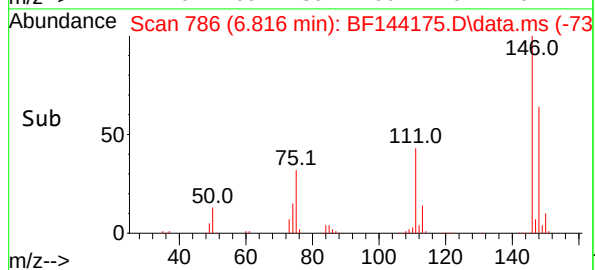
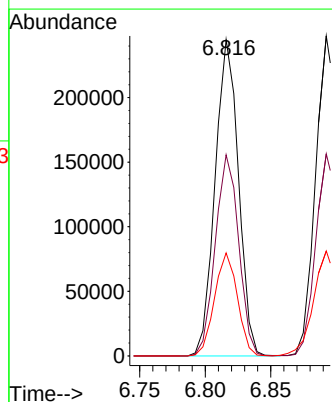
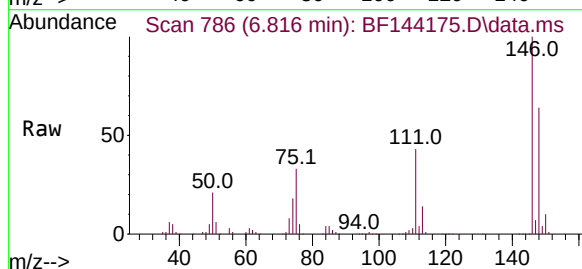
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

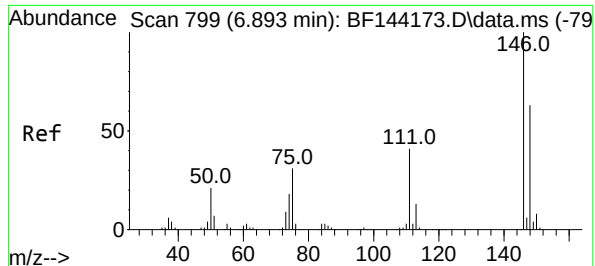
Tgt Ion: 93 Resp: 256657
Ion Ratio Lower Upper
93 100
63 80.1 55.2 95.2
95 31.9 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 61.543 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion: 146 Resp: 303642
Ion Ratio Lower Upper
146 100
148 63.5 51.8 77.8
75 32.6 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 62.104 ng

RT: 6.892 min Scan# 799

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

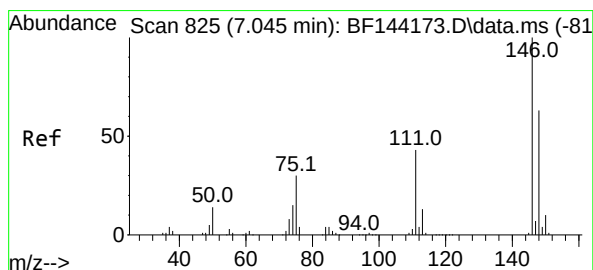
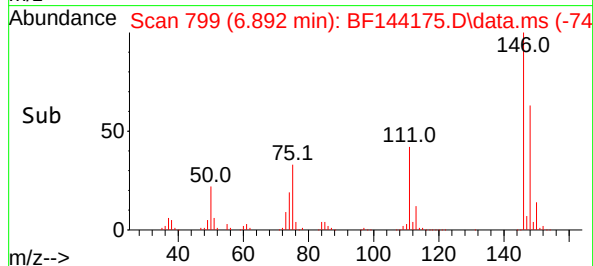
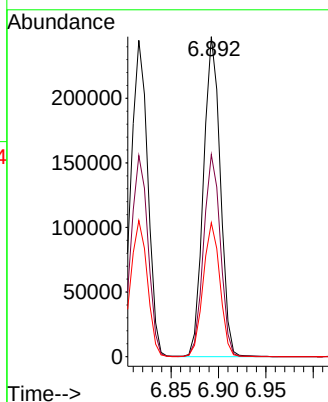
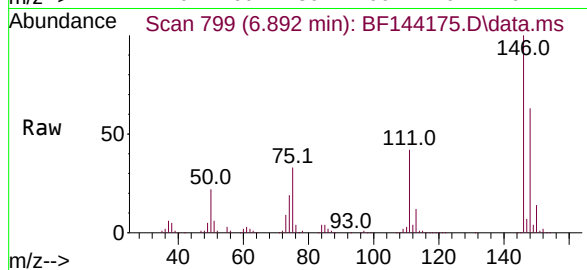
Tgt Ion:146 Resp: 306973

Ion Ratio Lower Upper

146 100

148 63.1 50.2 75.2

111 41.8 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 61.936 ng

RT: 7.045 min Scan# 825

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

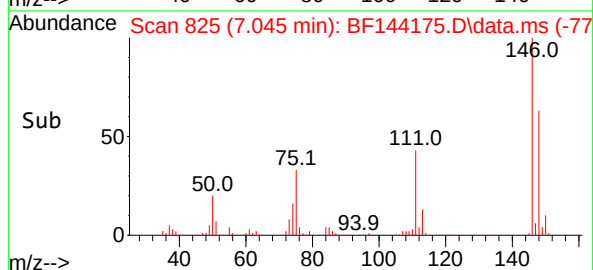
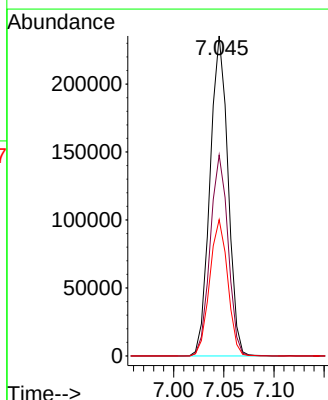
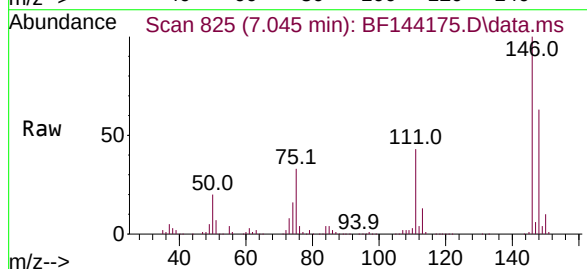
Tgt Ion:146 Resp: 293432

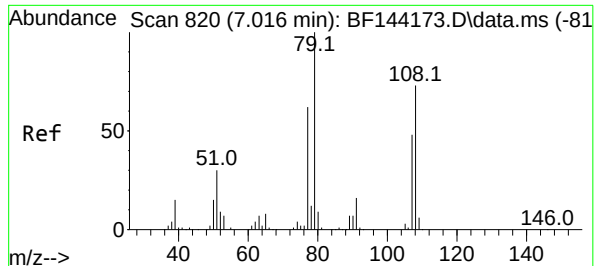
Ion Ratio Lower Upper

146 100

148 62.8 50.7 76.1

111 42.6 34.2 51.4

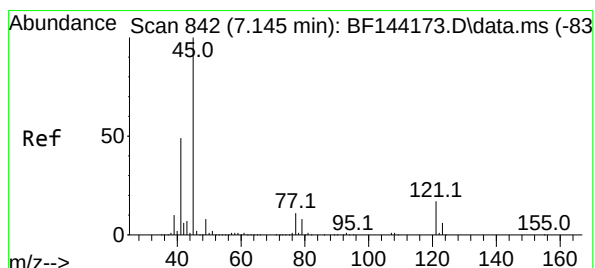
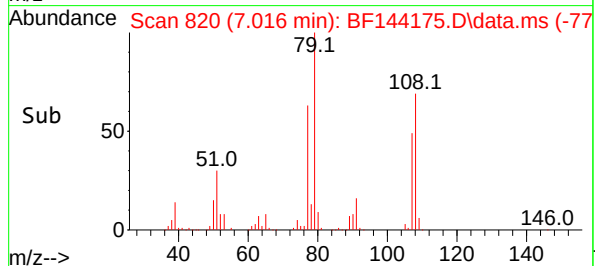
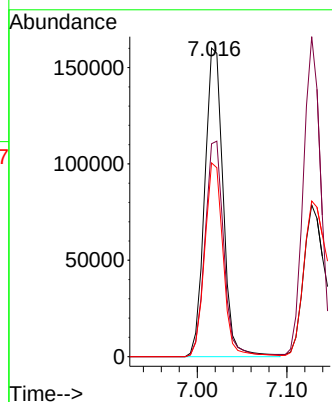
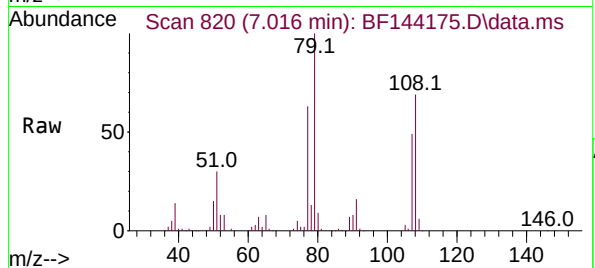




#15
Benzyl Alcohol
Concen: 62.632 ng
RT: 7.016 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

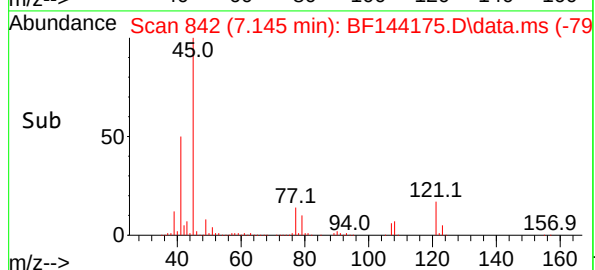
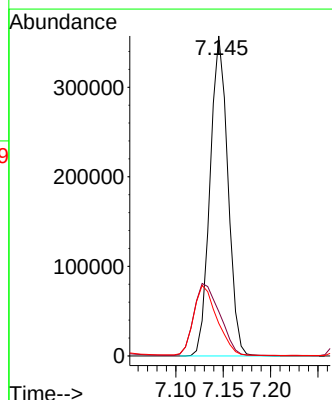
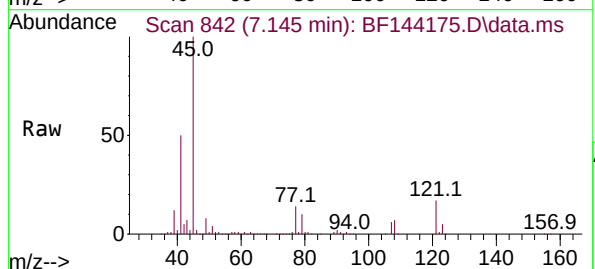
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

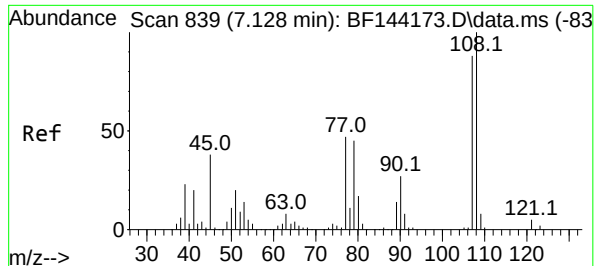
Tgt Ion: 79 Resp: 229107
Ion Ratio Lower Upper
79 100
108 69.0 58.2 87.4
77 62.8 49.9 74.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 61.712 ng
RT: 7.145 min Scan# 842
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion: 45 Resp: 467387
Ion Ratio Lower Upper
45 100
77 13.9 0.0 31.8
79 10.2 0.0 29.1

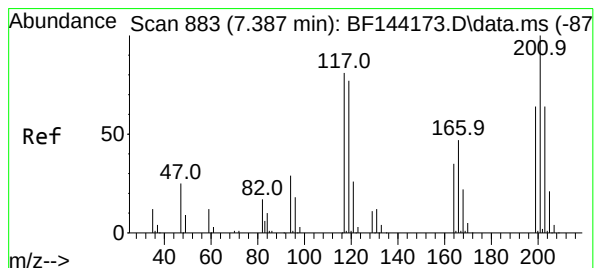
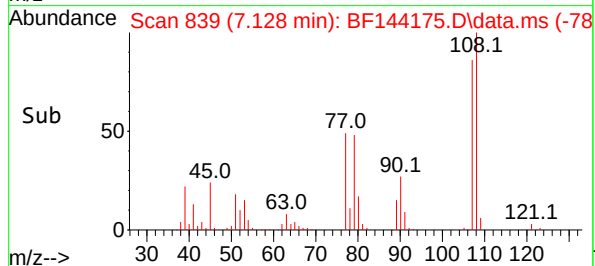
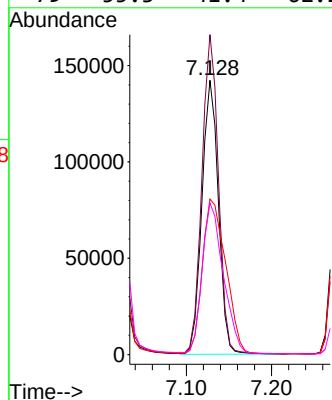
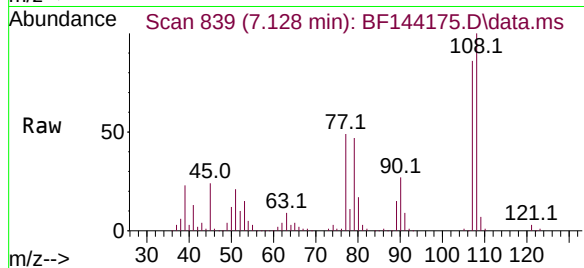




#17
2-Methylphenol
Concen: 60.269 ng
RT: 7.128 min Scan# 839
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

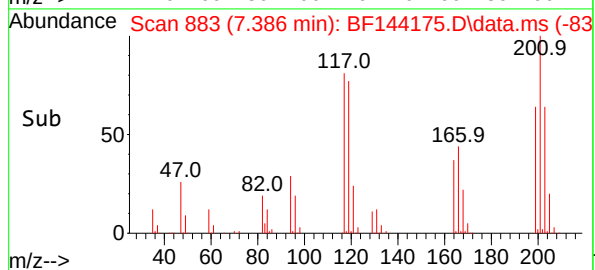
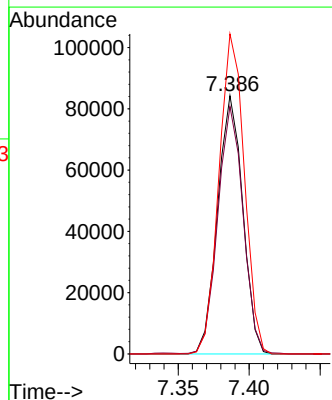
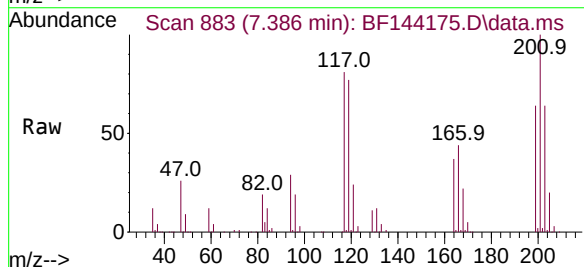
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

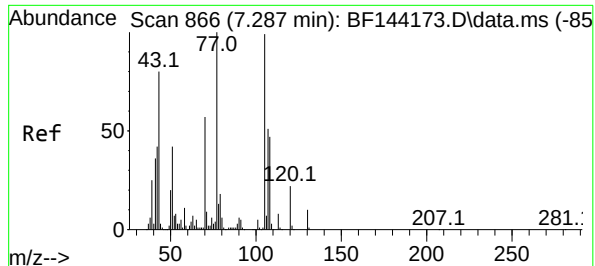
Tgt Ion:	107	Resp:	191705
Ion	Ratio	Lower	Upper
107	100		
108	116.6	91.0	136.4
77	56.7	42.7	64.1
79	55.3	41.4	62.2



#18
Hexachloroethane
Concen: 63.308 ng
RT: 7.386 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:	117	Resp:	103964
Ion	Ratio	Lower	Upper
117	100		
119	95.9	75.8	113.8
201	123.9	98.9	148.3





#19

n-Nitroso-di-n-propylamine

Concen: 58.963 ng

RT: 7.292 min Scan# 867

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 70 Resp: 179314

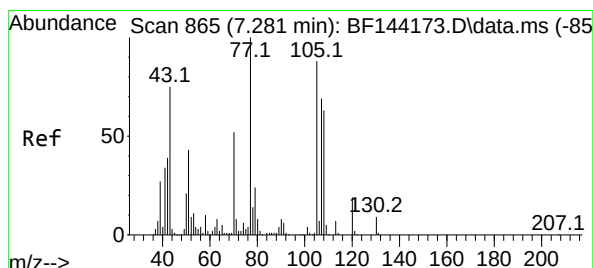
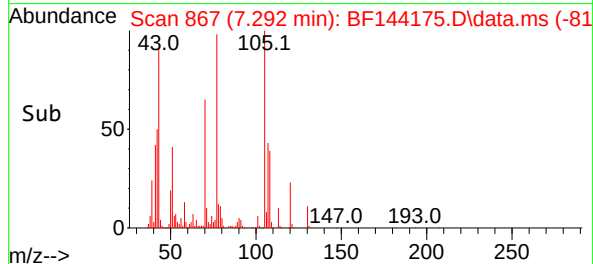
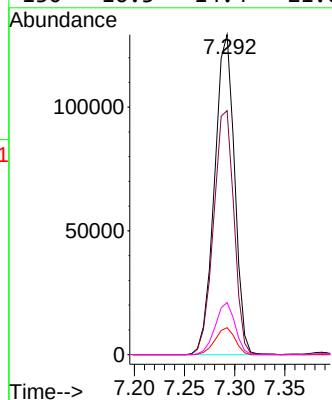
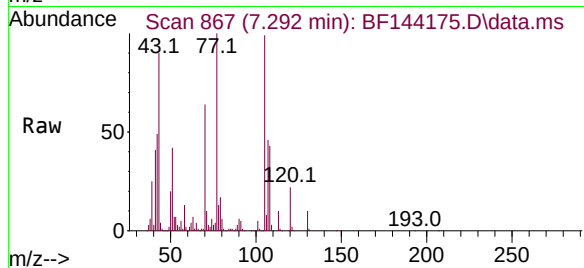
Ion Ratio Lower Upper

70 100

42 76.2 58.3 87.5

101 8.4 7.0 10.6

130 16.3 14.4 21.6



#20

3+4-Methylphenols

Concen: 59.977 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Tgt Ion: 107 Resp: 224891

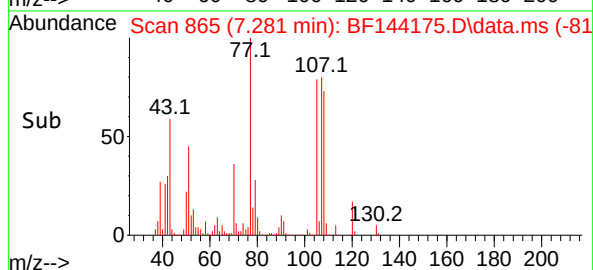
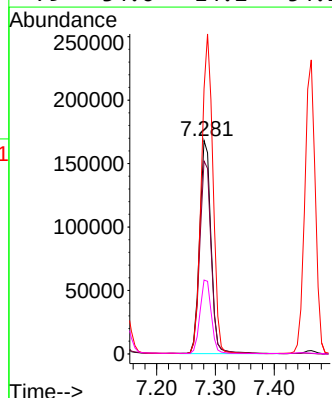
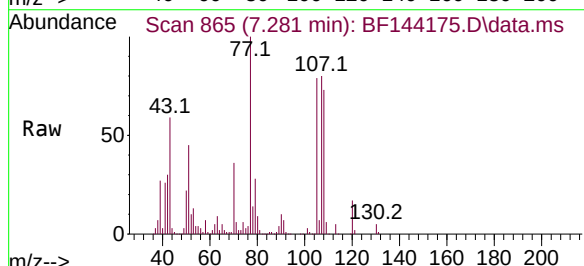
Ion Ratio Lower Upper

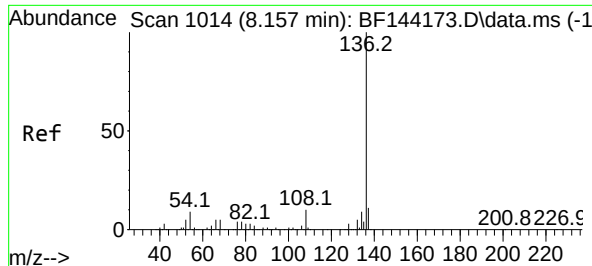
107 100

108 90.4 70.2 110.2

77 124.2 123.9 163.9

79 34.6 14.2 54.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:136 Resp: 239743

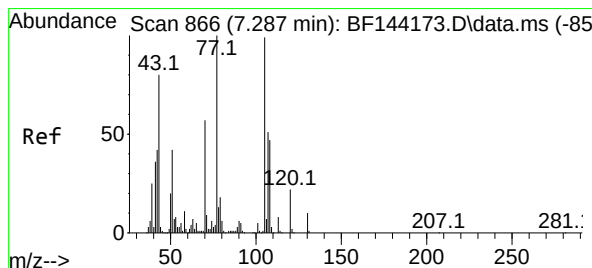
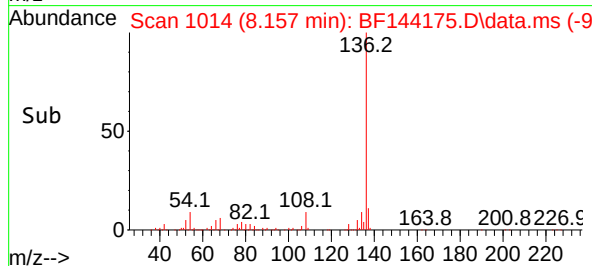
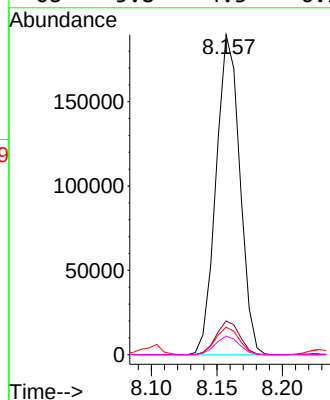
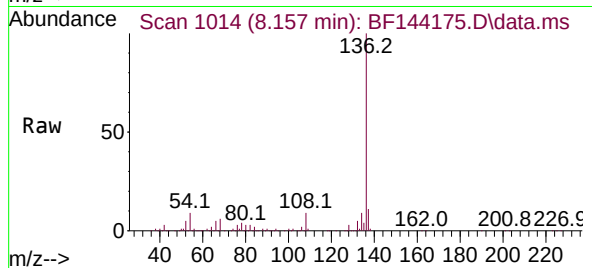
Ion Ratio Lower Upper

136 100

137 10.5 8.6 13.0

54 8.6 7.0 10.6

68 5.8 4.3 6.5



#22

Acetophenone

Concen: 58.897 ng

RT: 7.286 min Scan# 866

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Tgt Ion:105 Resp: 302907

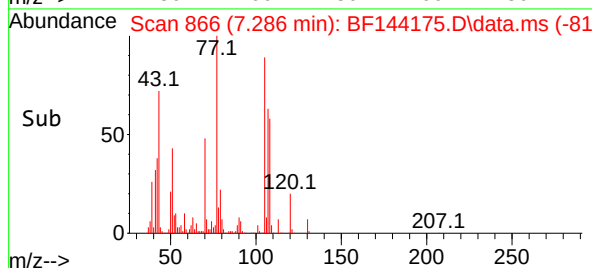
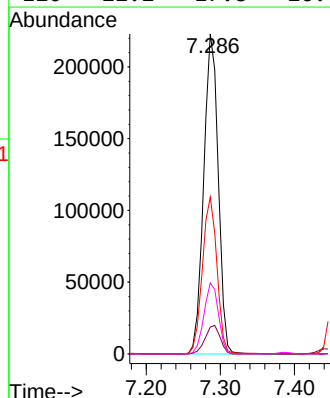
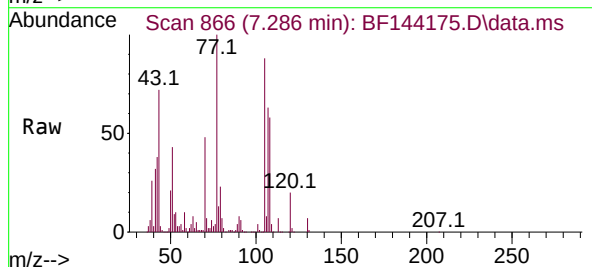
Ion Ratio Lower Upper

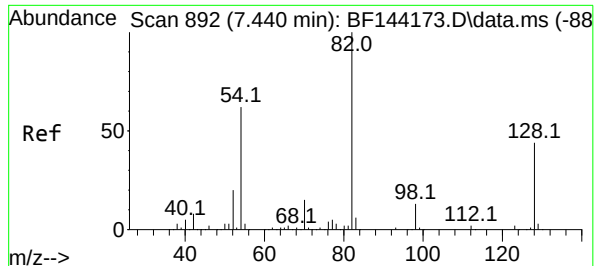
105 100

71 8.4 7.2 10.8

51 49.0 34.0 51.0

120 22.2 17.8 26.6





#23

Nitrobenzene-d5

Concen: 125.195 ng

RT: 7.439 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

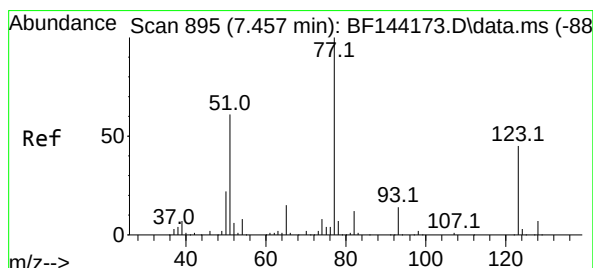
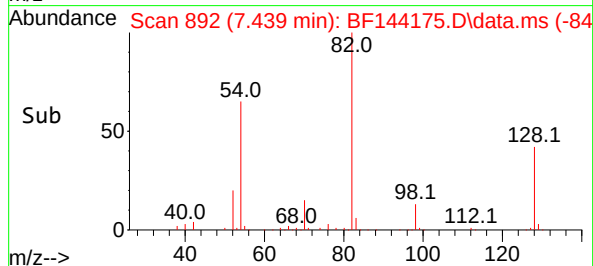
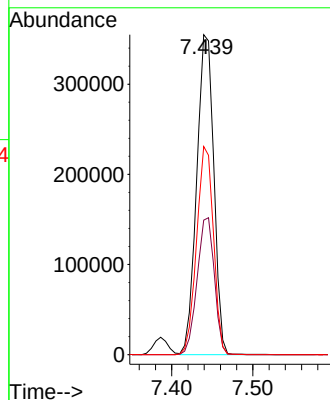
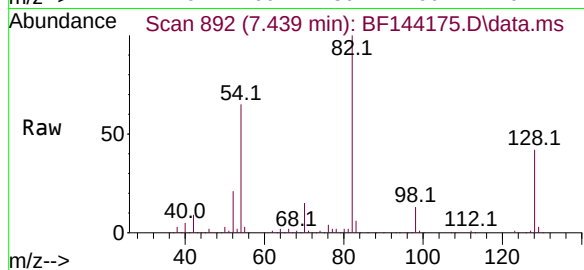
Tgt Ion: 82 Resp: 519687

Ion Ratio Lower Upper

82 100

128 42.0 34.7 52.1

54 65.1 49.5 74.3



#24

Nitrobenzene

Concen: 63.439 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

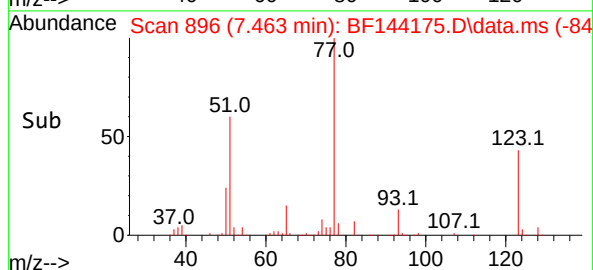
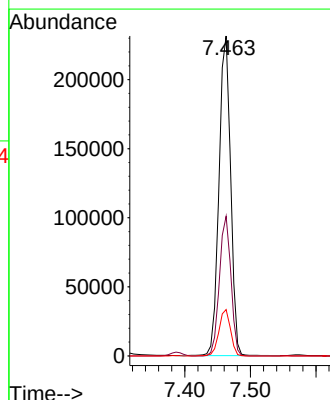
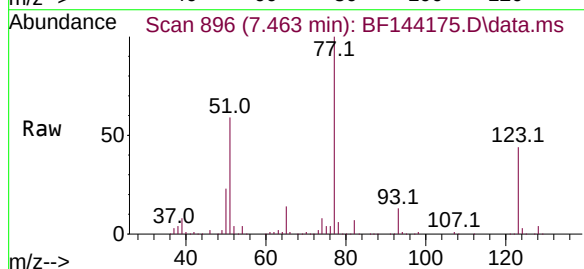
Tgt Ion: 77 Resp: 285924

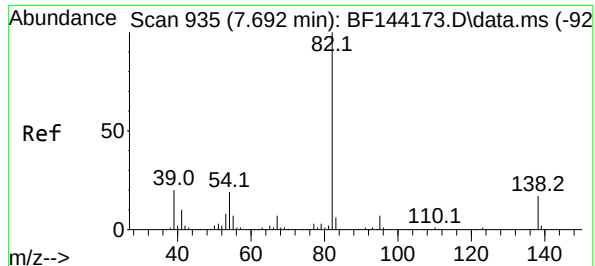
Ion Ratio Lower Upper

77 100

123 43.6 35.8 53.8

65 14.5 12.2 18.2





#25

Isophorone

Concen: 61.876 ng

RT: 7.698 min Scan# 936

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

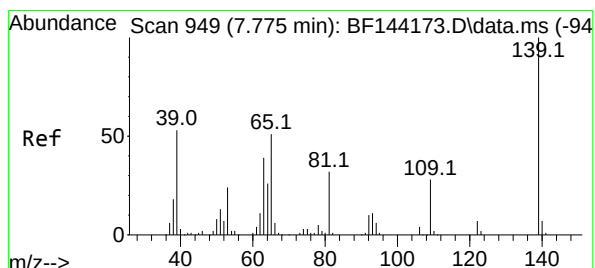
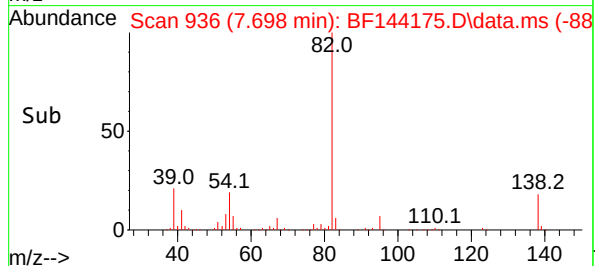
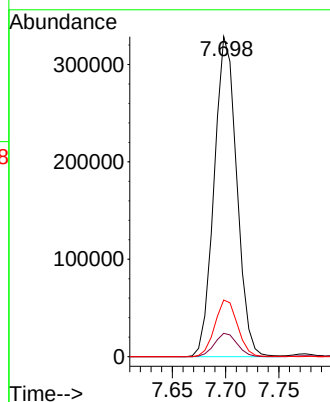
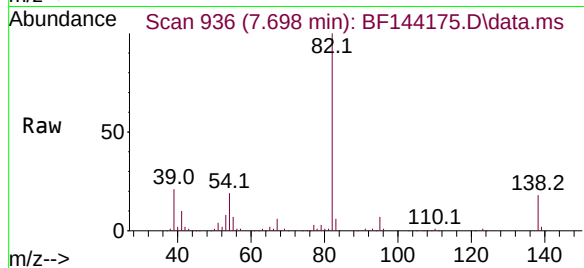
Tgt Ion: 82 Resp: 485836

Ion Ratio Lower Upper

82 100

95 7.3 5.5 8.3

138 17.7 13.7 20.5



#26

2-Nitrophenol

Concen: 64.606 ng

RT: 7.775 min Scan# 949

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

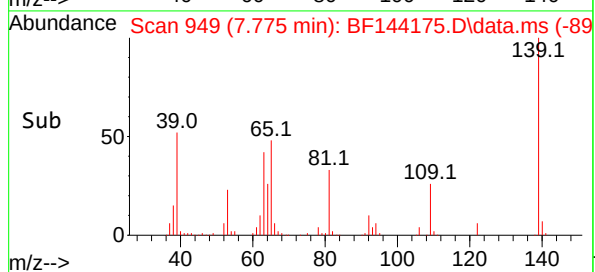
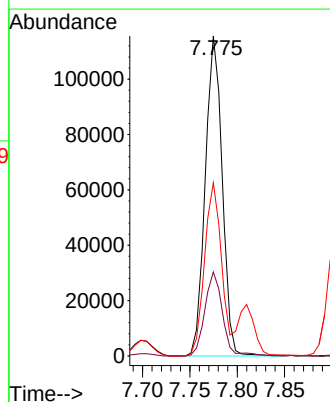
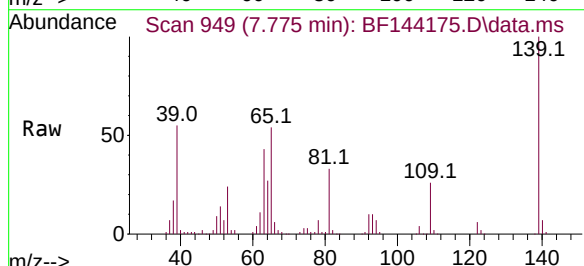
Tgt Ion:139 Resp: 144140

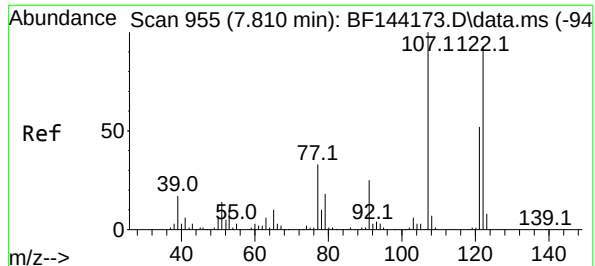
Ion Ratio Lower Upper

139 100

109 26.2 22.2 33.2

65 54.1 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 63.471 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

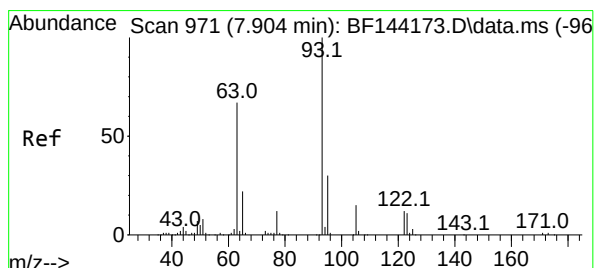
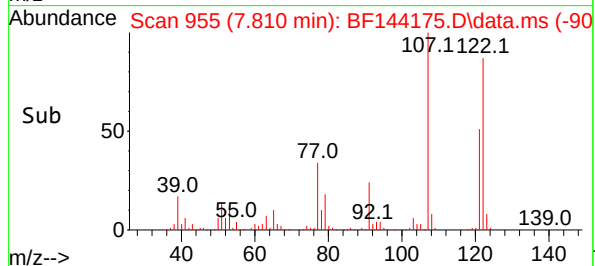
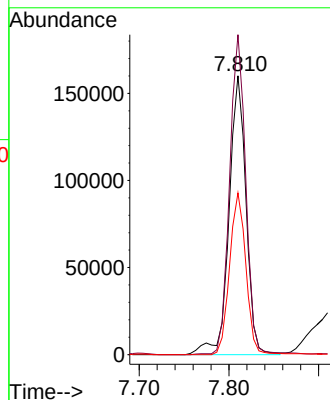
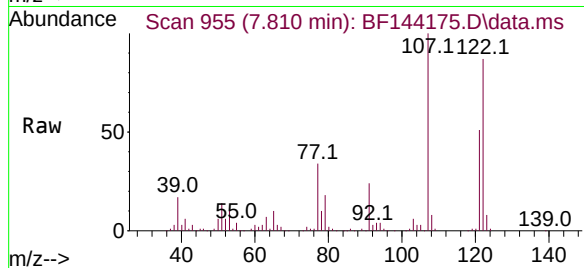
BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:122 Resp: 212249

Ion	Ratio	Lower	Upper
122	100		
107	114.7	86.2	129.4
121	58.0	44.6	66.8



#28

bis(2-Chloroethoxy)methane

Concen: 62.085 ng

RT: 7.904 min Scan# 971

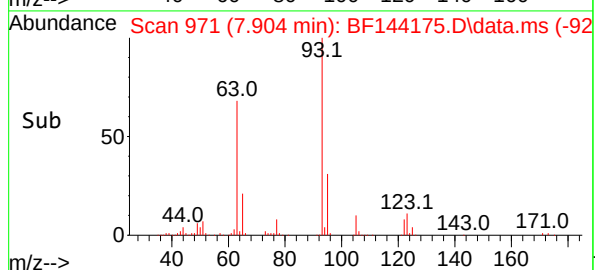
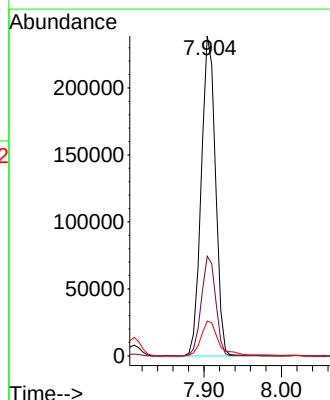
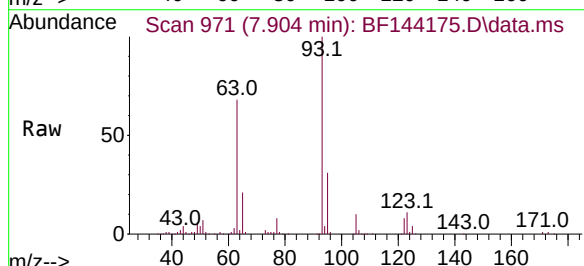
Delta R.T. -0.006 min

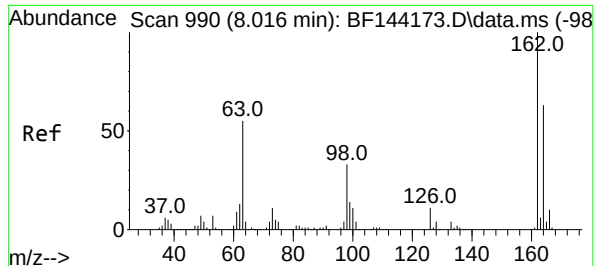
Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Tgt Ion: 93 Resp: 304411

Ion	Ratio	Lower	Upper
93	100		
95	31.1	24.2	36.4
123	10.9	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 60.899 ng

RT: 8.016 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

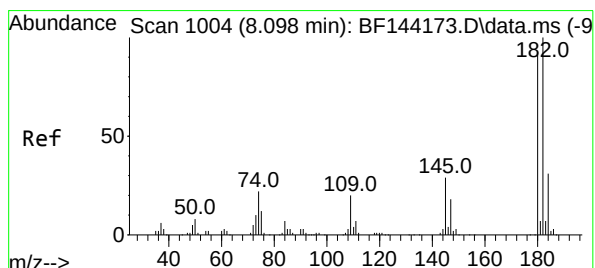
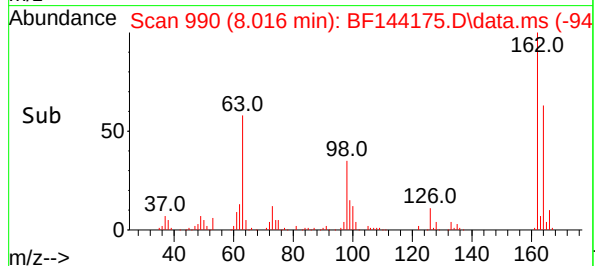
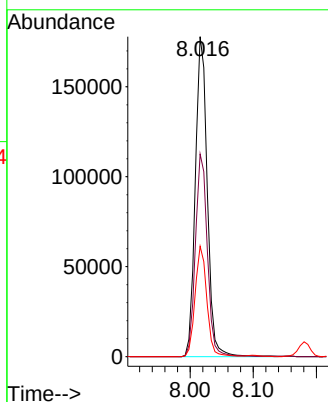
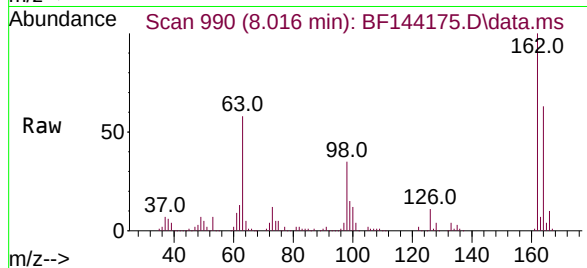
Tgt Ion:162 Resp: 234718

Ion Ratio Lower Upper

162 100

164 63.3 42.9 82.9

98 34.5 13.3 53.3



#30

1,2,4-Trichlorobenzene

Concen: 60.858 ng

RT: 8.098 min Scan# 1004

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

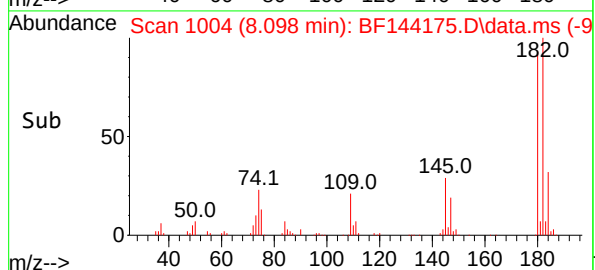
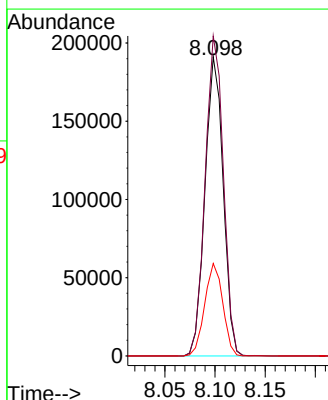
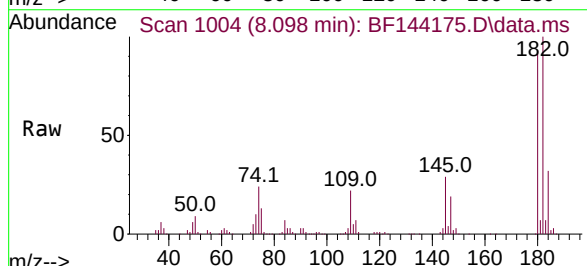
Tgt Ion:180 Resp: 240858

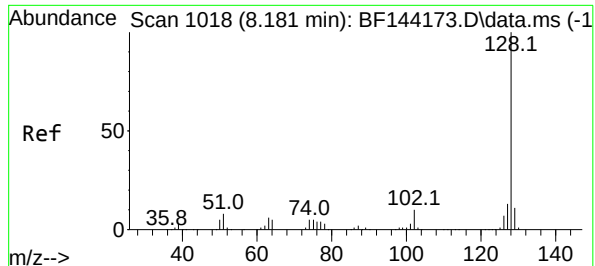
Ion Ratio Lower Upper

180 100

182 107.0 87.7 131.5

145 30.9 25.4 38.0

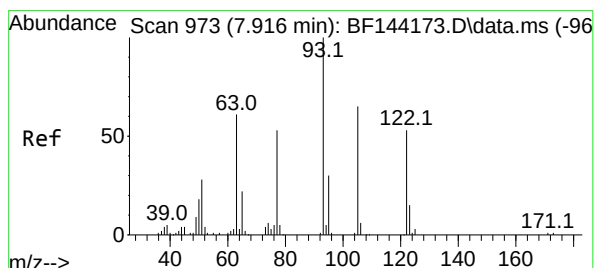
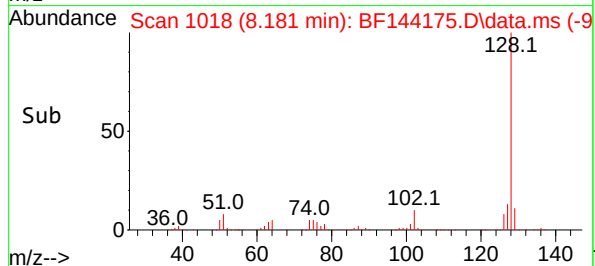
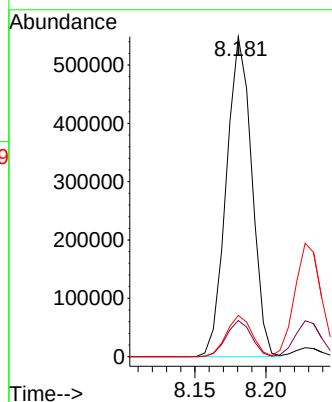
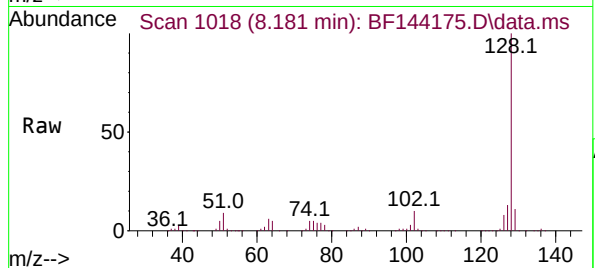




#31
Naphthalene
Concen: 60.028 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

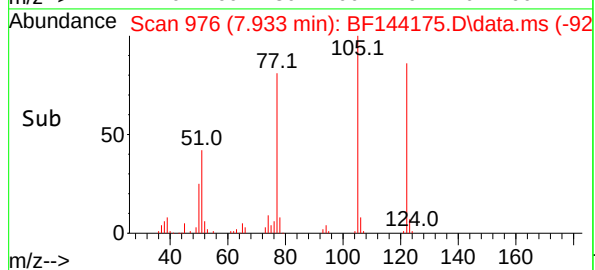
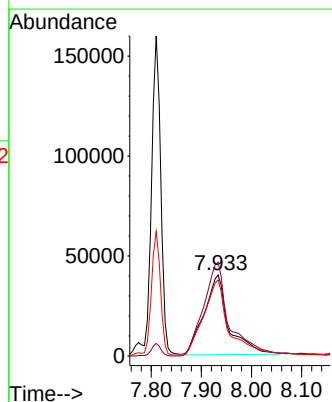
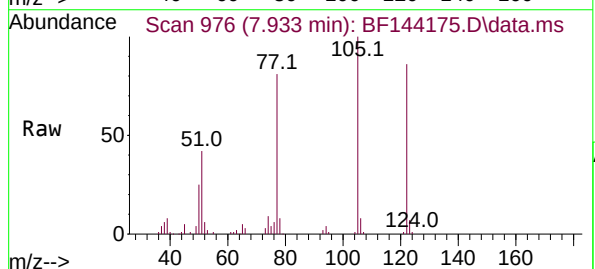
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

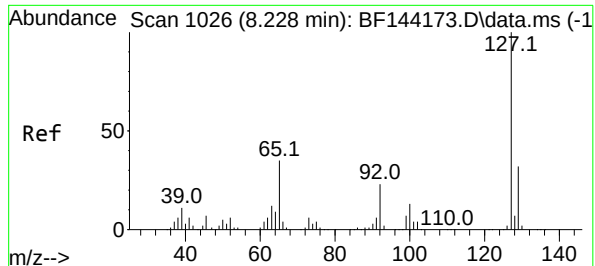
Tgt Ion:128 Resp: 684579
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 12.9 10.3 15.5



#32
Benzoic acid
Concen: 55.761 ng
RT: 7.933 min Scan# 976
Delta R.T. -0.018 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:122 Resp: 136682
Ion Ratio Lower Upper
122 100
105 115.8 99.9 139.9
77 93.8 77.5 117.5





#33

4-Chloroaniline

Concen: 61.441 ng

RT: 8.228 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:127 Resp: 255554

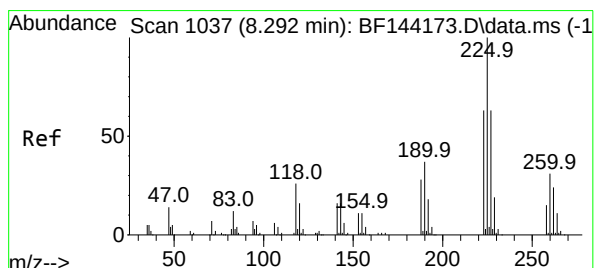
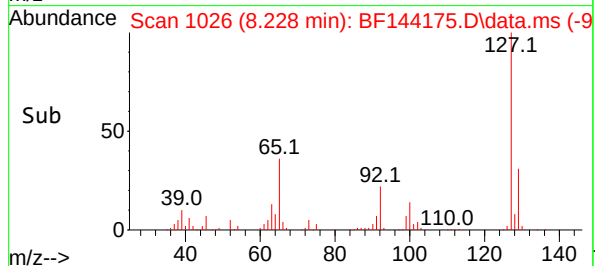
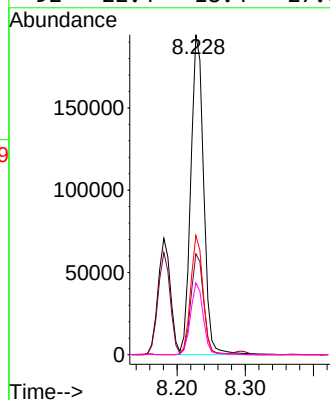
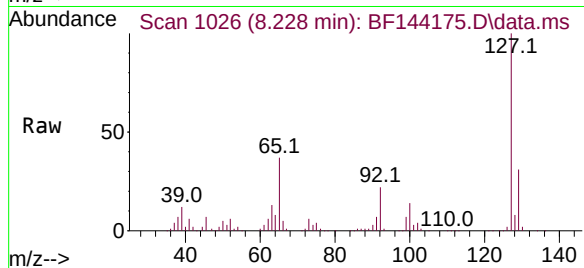
Ion Ratio Lower Upper

127 100

129 31.5 25.3 37.9

65 37.2 27.6 41.4

92 22.4 18.4 27.6



#34

Hexachlorobutadiene

Concen: 61.229 ng

RT: 8.298 min Scan# 1038

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

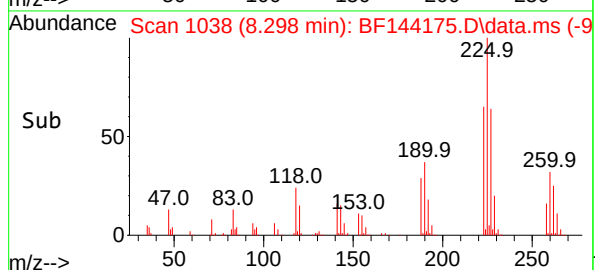
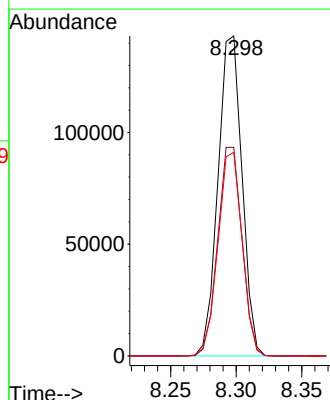
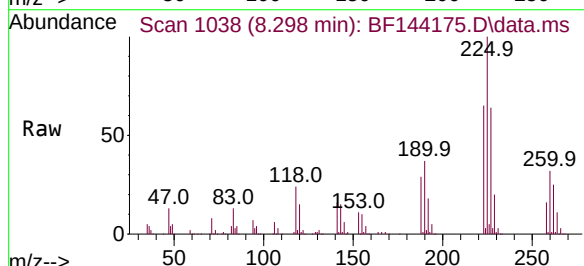
Tgt Ion:225 Resp: 182626

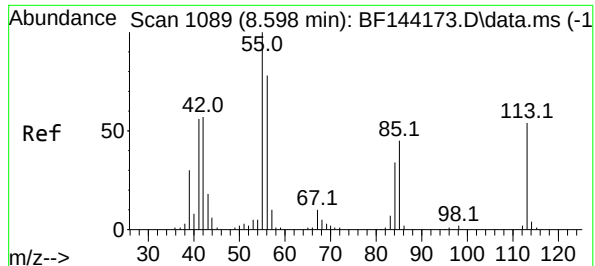
Ion Ratio Lower Upper

225 100

223 65.2 50.2 75.4

227 63.6 50.1 75.1





#35

Caprolactam

Concen: 59.512 ng

RT: 8.610 min Scan# 1091

Delta R.T. -0.012 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

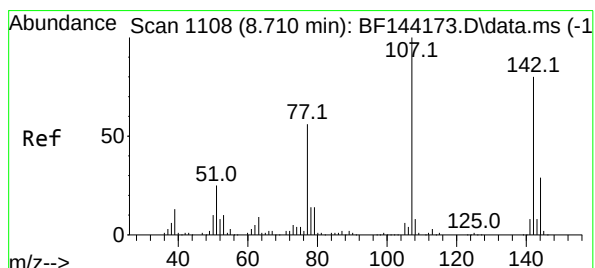
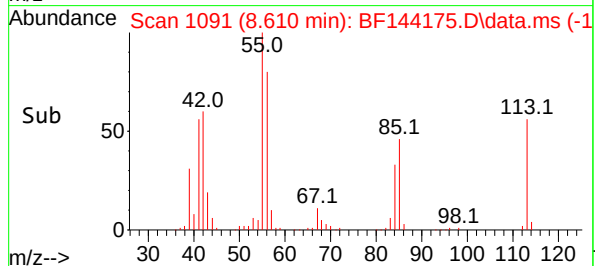
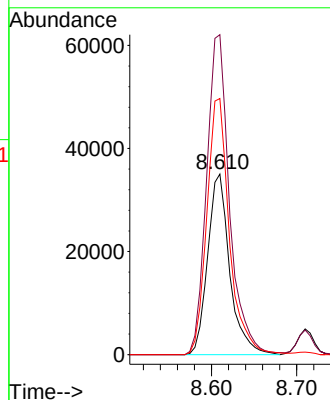
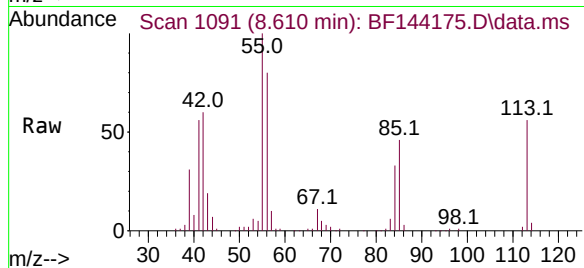
Tgt Ion:113 Resp: 62840

Ion Ratio Lower Upper

113 100

55 177.2 166.8 206.8

56 141.8 125.9 165.9



#36

4-Chloro-3-methylphenol

Concen: 60.481 ng

RT: 8.710 min Scan# 1108

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

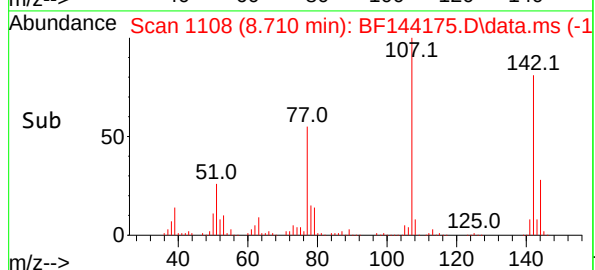
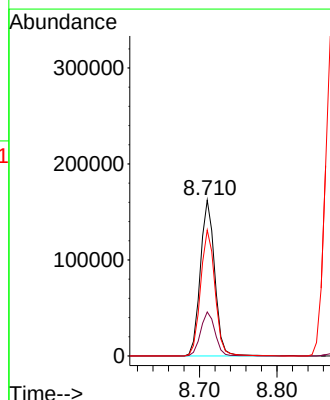
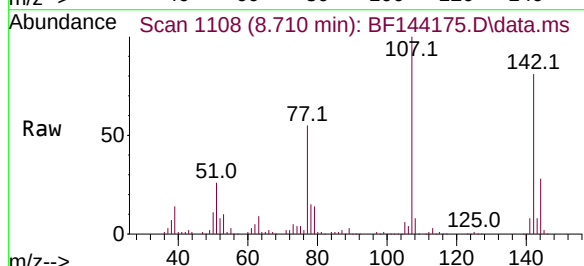
Tgt Ion:107 Resp: 208910

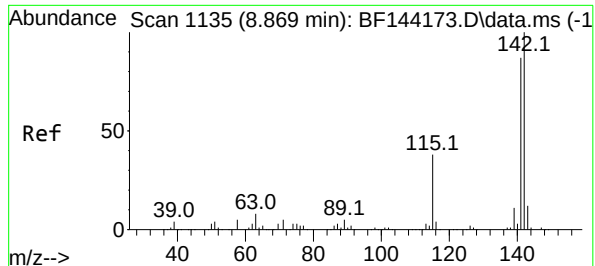
Ion Ratio Lower Upper

107 100

144 28.2 23.3 34.9

142 80.8 63.8 95.6





#37

2-Methylnaphthalene

Concen: 58.743 ng

RT: 8.875 min Scan# 1136

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

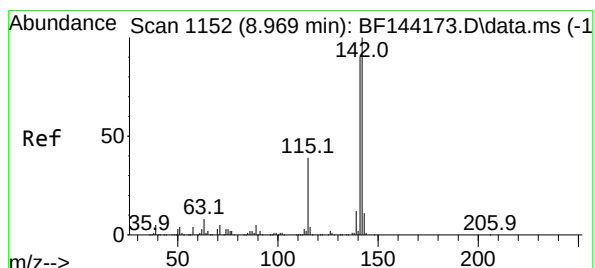
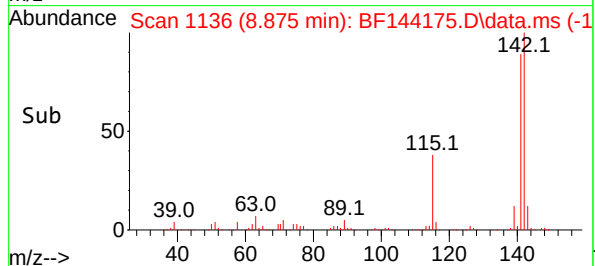
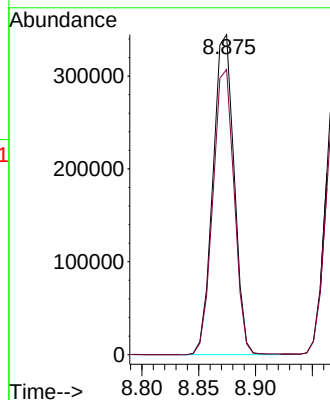
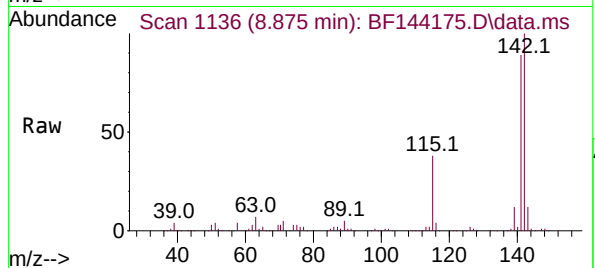
SSTDICC060

Tgt Ion:142 Resp: 447909

Ion Ratio Lower Upper

142 100

141 89.1 69.9 104.9



#38

1-Methylnaphthalene

Concen: 58.654 ng

RT: 8.975 min Scan# 1153

Delta R.T. -0.000 min

Lab File: BF144175.D

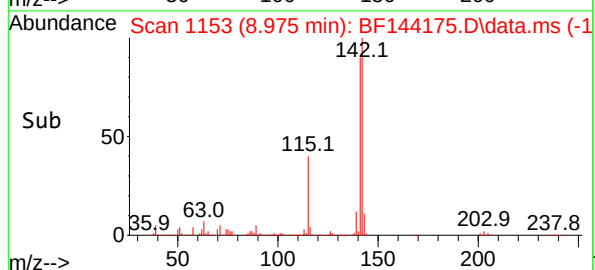
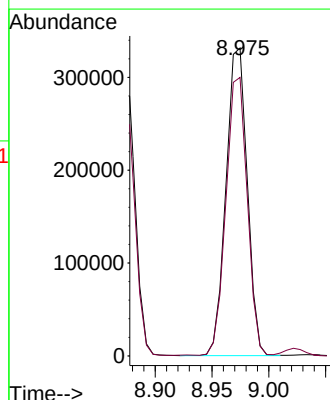
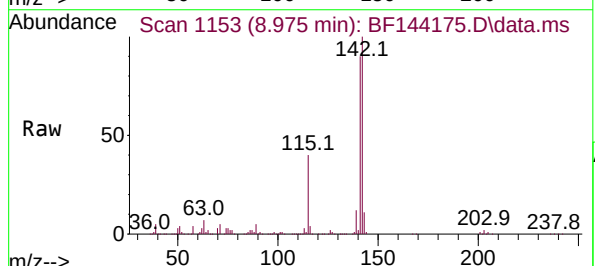
Acq: 05 Nov 2025 16:19

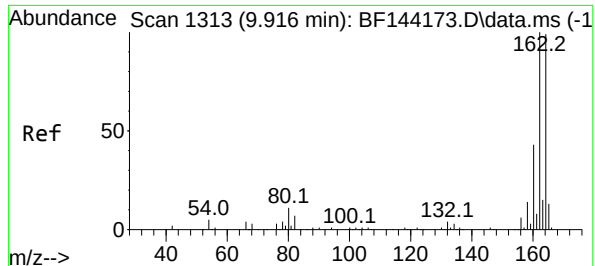
Tgt Ion:142 Resp: 431529

Ion Ratio Lower Upper

142 100

141 90.4 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. -0.000 min

Lab File: BF144175.D

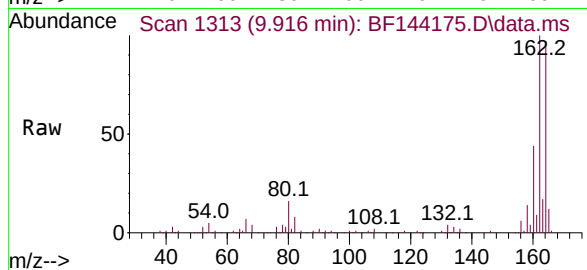
Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



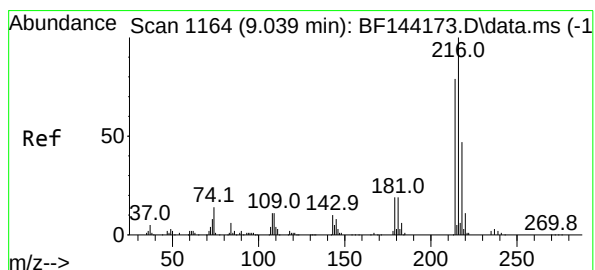
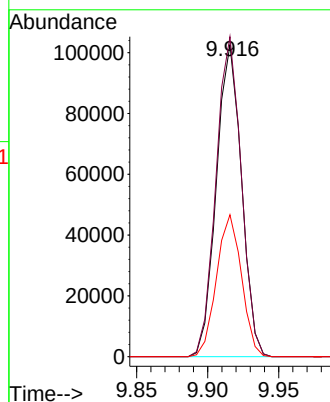
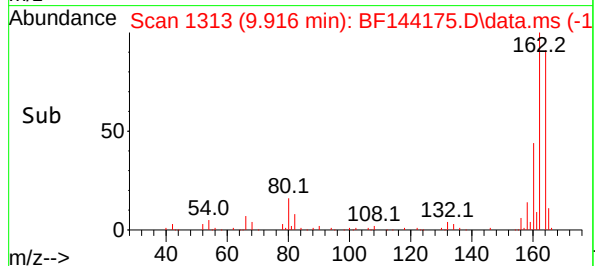
Tgt Ion:164 Resp: 126385

Ion Ratio Lower Upper

164 100

162 102.6 81.1 121.7

160 45.5 34.5 51.7



#40

1,2,4,5-Tetrachlorobenzene

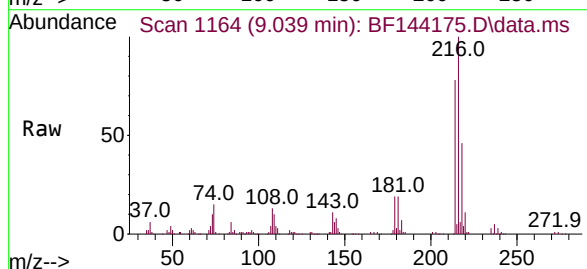
Concen: 65.549 ng

RT: 9.039 min Scan# 1164

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19



Tgt Ion:216 Resp: 271508

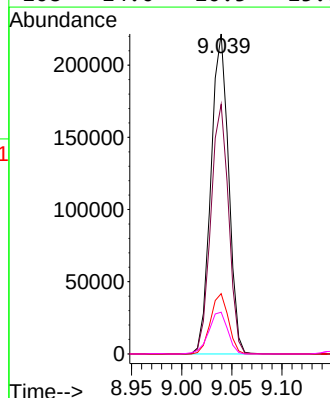
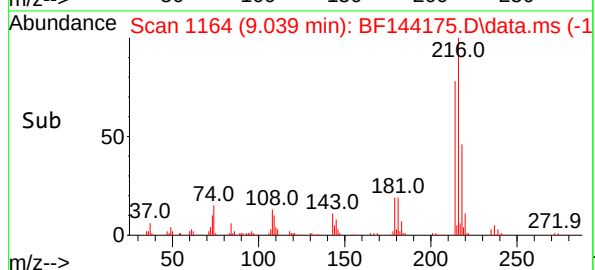
Ion Ratio Lower Upper

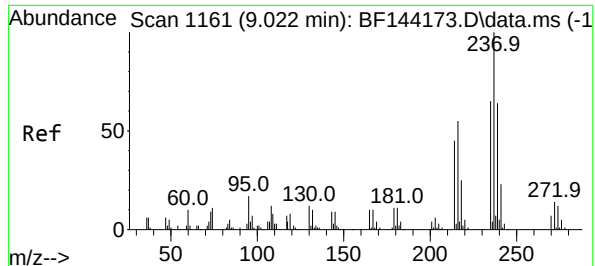
216 100

214 78.2 63.4 95.2

179 19.0 15.0 22.4

108 14.0 10.5 15.7

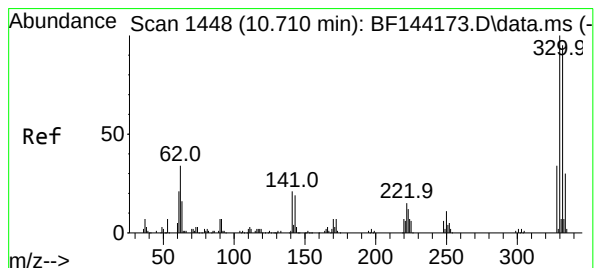
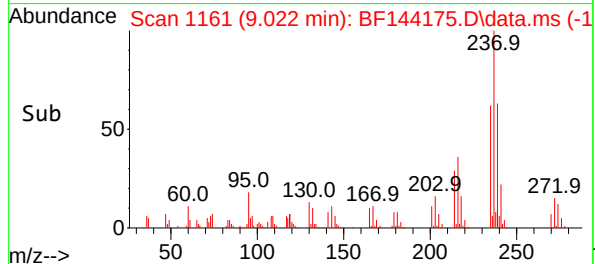
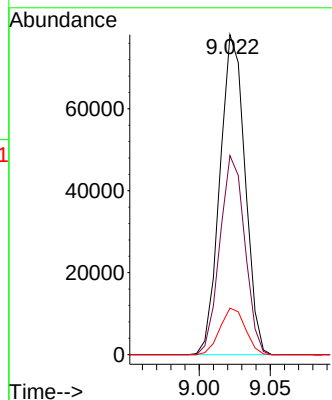
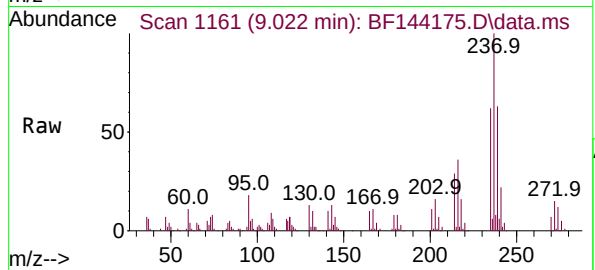




#41
Hexachlorocyclopentadiene
Concen: 64.419 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

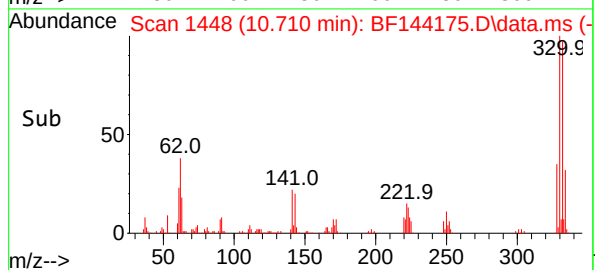
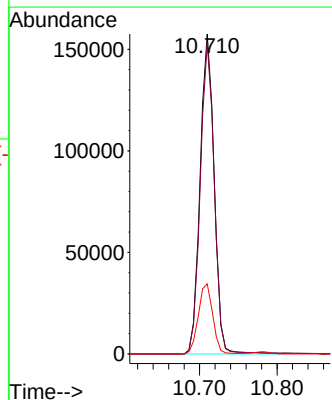
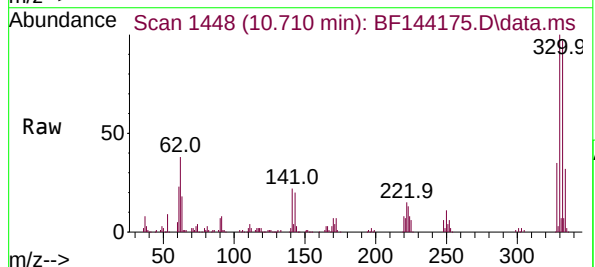
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

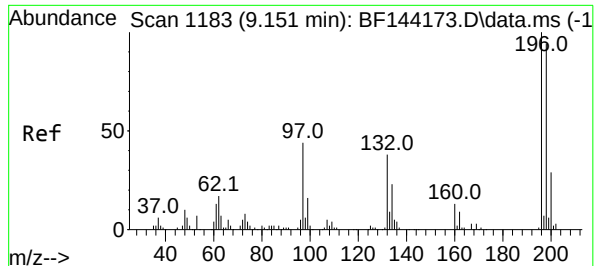
Tgt Ion:237 Resp: 95909
Ion Ratio Lower Upper
237 100
235 62.2 45.5 85.5
272 14.5 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 124.986 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:330 Resp: 198226
Ion Ratio Lower Upper
330 100
332 96.6 76.7 115.1
141 22.5 17.8 26.8





#43

2,4,6-Trichlorophenol

Concen: 65.769 ng

RT: 9.151 min Scan# 1183

Delta R.T. -0.000 min

Lab File: BF144175.D

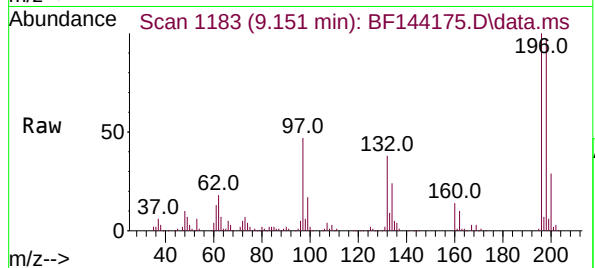
Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



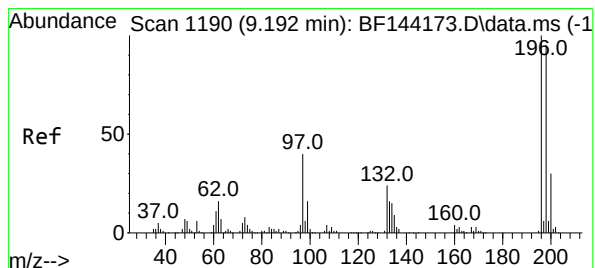
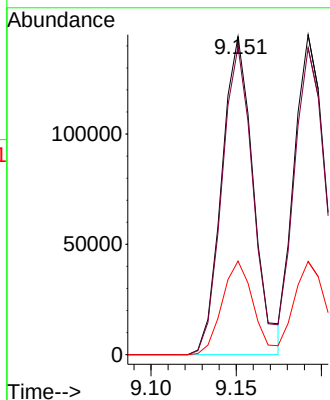
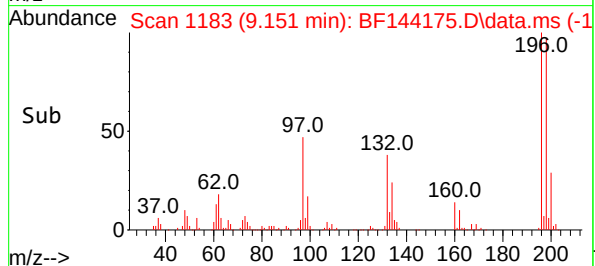
Tgt Ion:196 Resp: 185412

Ion Ratio Lower Upper

196 100

198 96.9 75.3 112.9

200 29.4 23.4 35.2



#44

2,4,5-Trichlorophenol

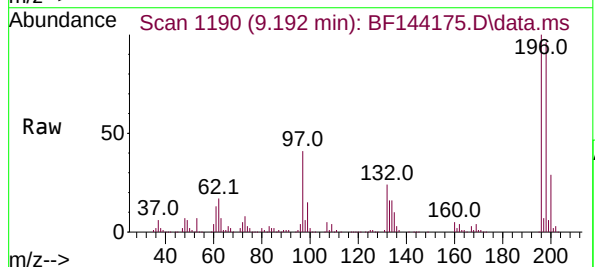
Concen: 62.639 ng

RT: 9.192 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19



Tgt Ion:196 Resp: 190324

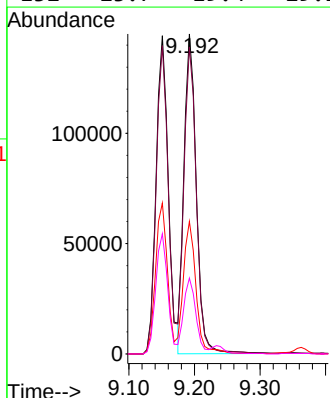
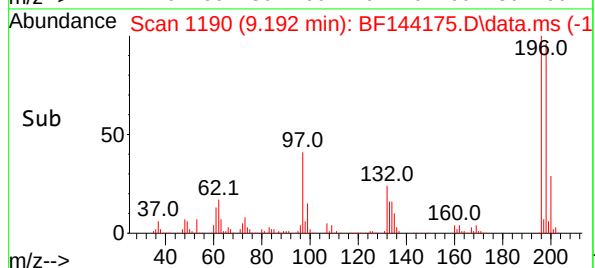
Ion Ratio Lower Upper

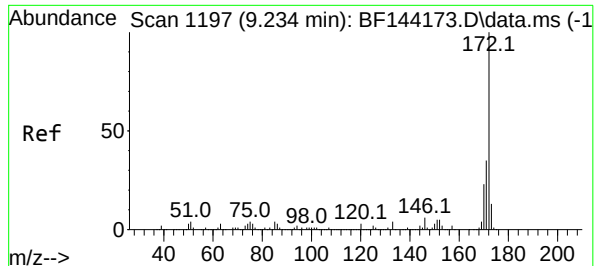
196 100

198 95.9 76.1 114.1

97 41.4 31.9 47.9

132 23.7 19.4 29.2





#45

2-Fluorobiphenyl

Concen: 122.404 ng

RT: 9.233 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

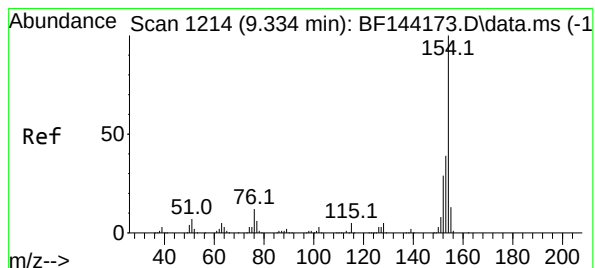
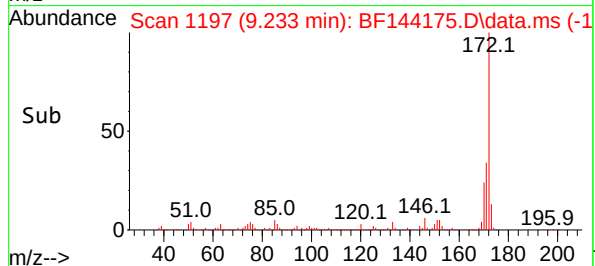
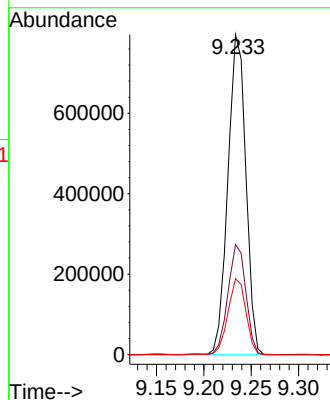
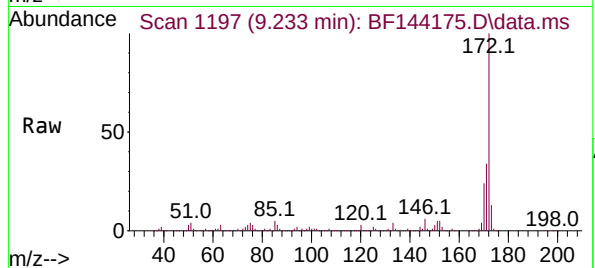
Tgt Ion:172 Resp: 1047440

Ion Ratio Lower Upper

172 100

171 34.4 28.1 42.1

170 23.7 18.6 28.0



#46

1,1'-Biphenyl

Concen: 62.310 ng

RT: 9.339 min Scan# 1215

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

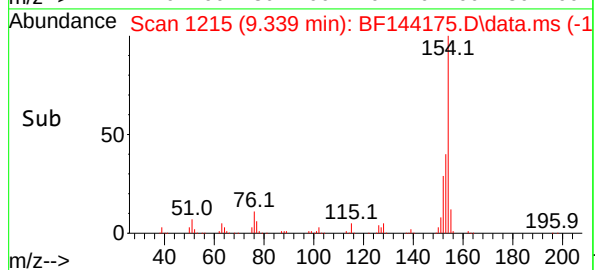
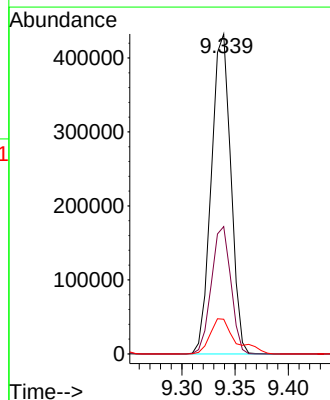
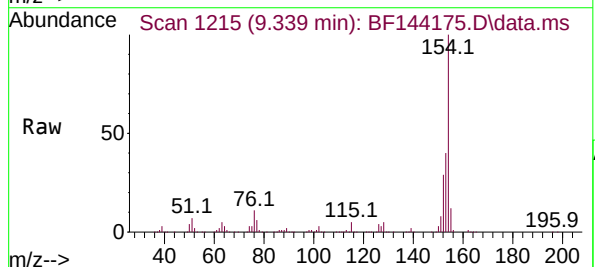
Tgt Ion:154 Resp: 549700

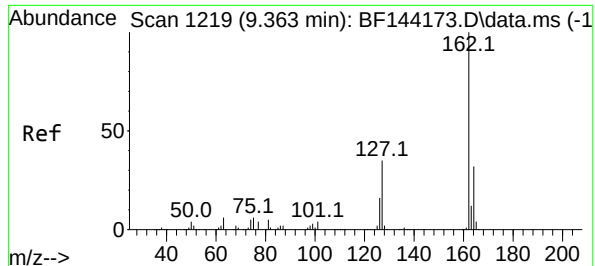
Ion Ratio Lower Upper

154 100

153 39.8 19.2 59.2

76 10.8 0.0 31.8





#47

2-Chloronaphthalene

Concen: 63.056 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

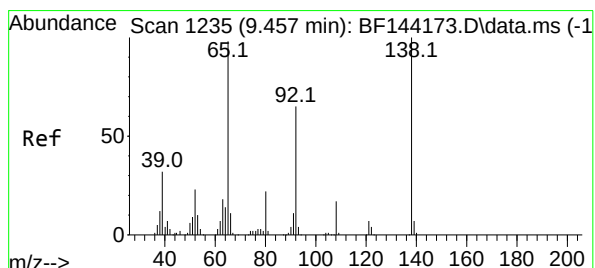
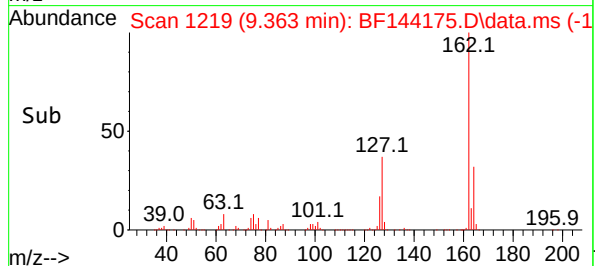
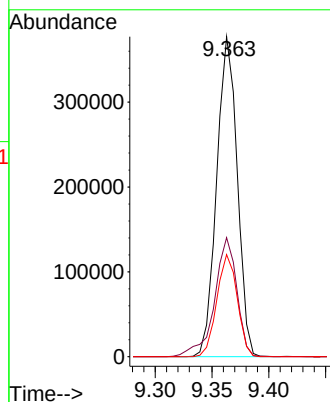
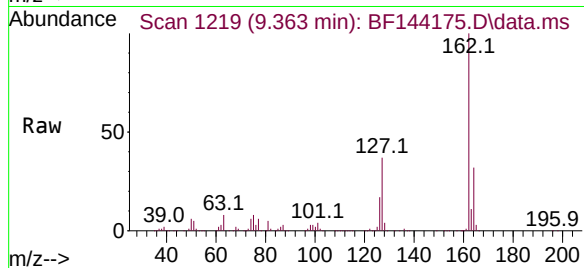
Tgt Ion:162 Resp: 474514

Ion Ratio Lower Upper

162 100

127 37.2 28.8 43.2

164 31.9 25.8 38.8



#48

2-Nitroaniline

Concen: 65.370 ng

RT: 9.457 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

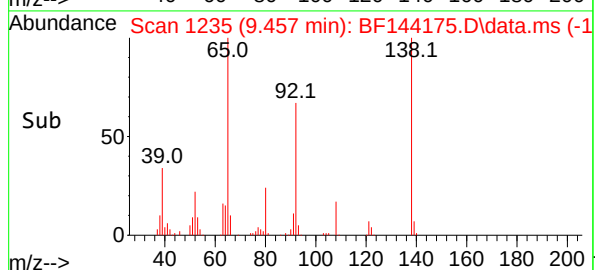
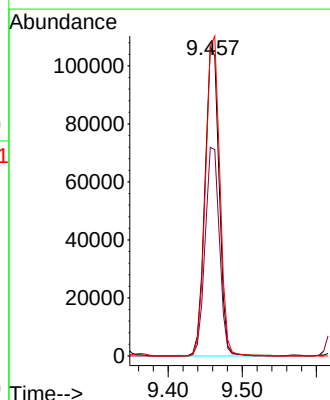
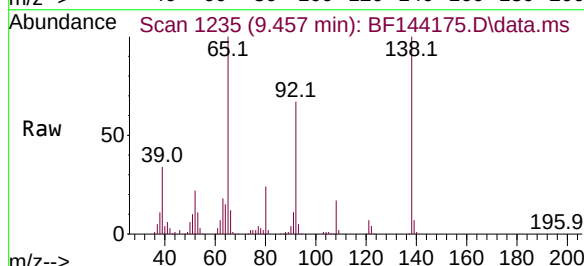
Tgt Ion: 65 Resp: 141938

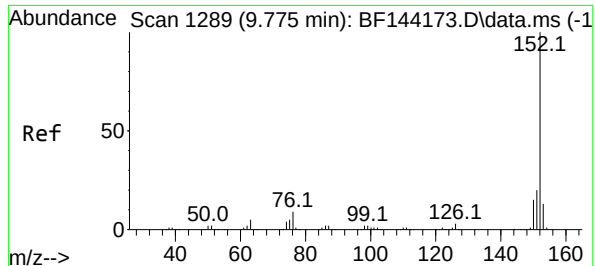
Ion Ratio Lower Upper

65 100

92 67.5 53.0 79.6

138 100.0 81.6 122.4





#49

Acenaphthylene

Concen: 62.050 ng

RT: 9.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

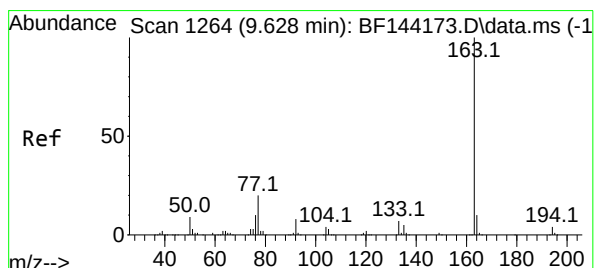
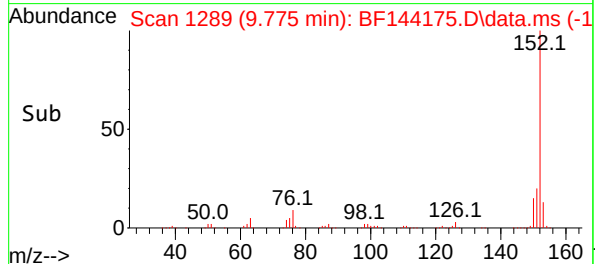
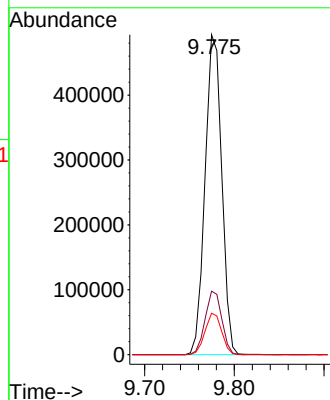
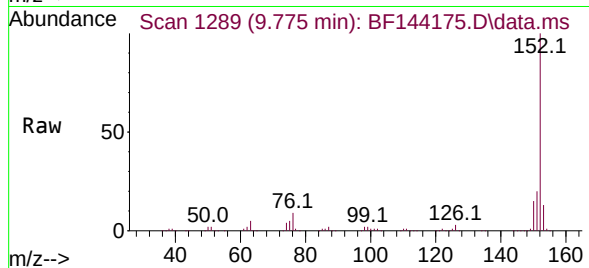
Tgt Ion:152 Resp: 636324

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

153 12.9 10.5 15.7



#50

Dimethylphthalate

Concen: 62.250 ng

RT: 9.633 min Scan# 1265

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

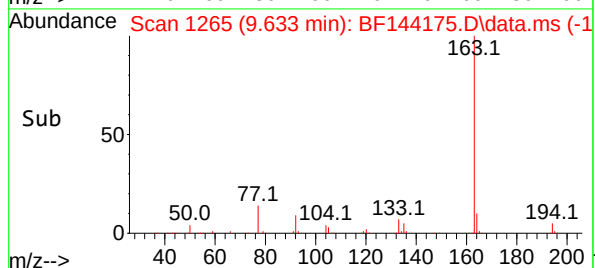
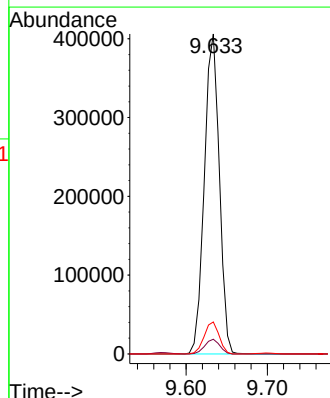
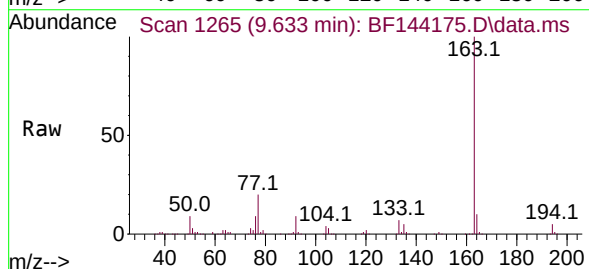
Tgt Ion:163 Resp: 521205

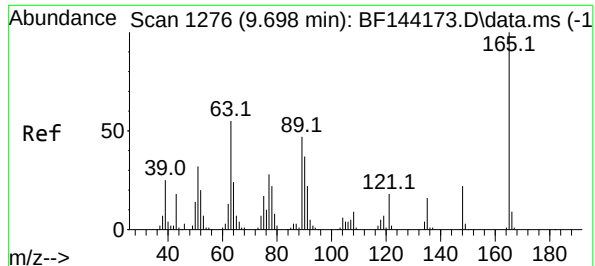
Ion Ratio Lower Upper

163 100

194 4.6 3.3 4.9

164 10.0 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 64.983 ng

RT: 9.698 min Scan# 1276

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

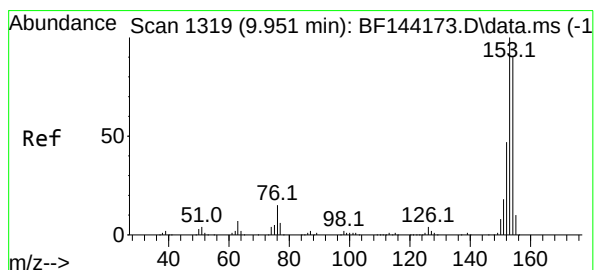
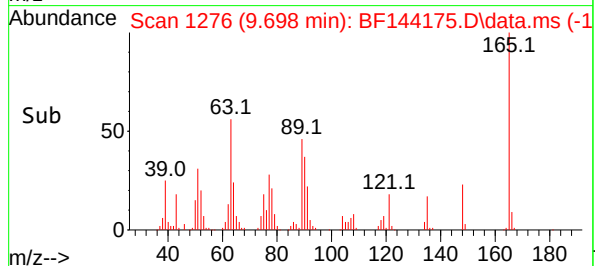
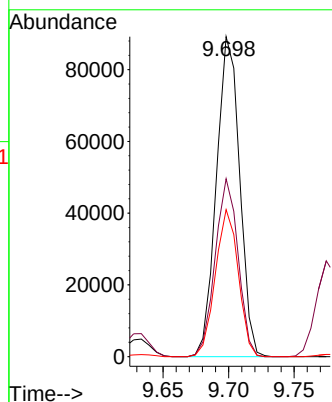
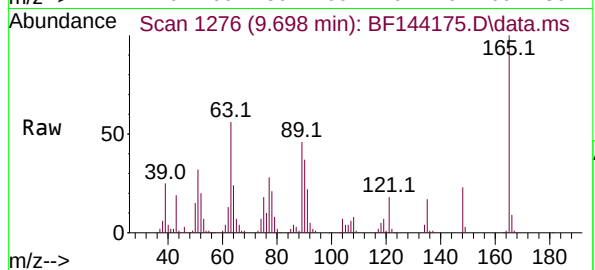
Tgt Ion:165 Resp: 110140

Ion Ratio Lower Upper

165 100

63 55.6 43.8 65.8

89 45.9 37.5 56.3



#52

Acenaphthene

Concen: 61.778 ng

RT: 9.951 min Scan# 1319

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

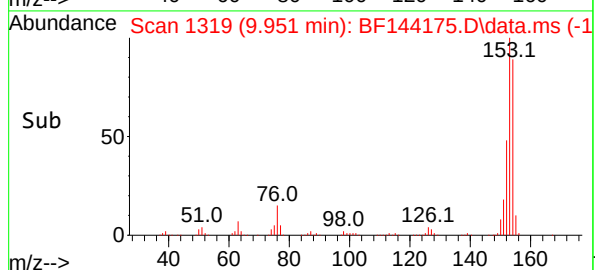
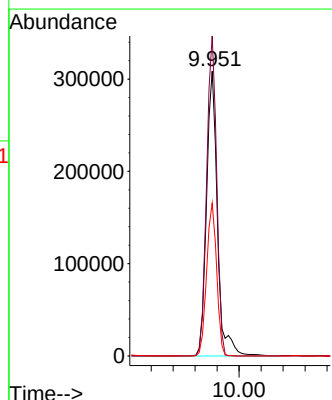
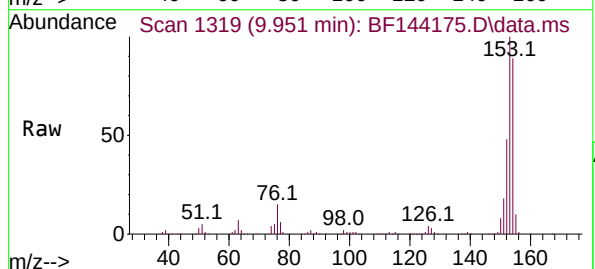
Tgt Ion:154 Resp: 423653

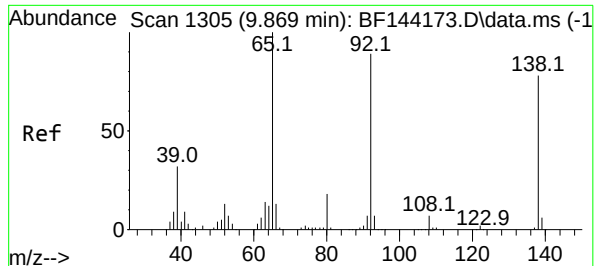
Ion Ratio Lower Upper

154 100

153 112.4 89.0 133.4

152 53.7 42.2 63.4





#53

3-Nitroaniline

Concen: 64.749 ng

RT: 9.869 min Scan# 1305

Delta R.T. -0.006 min

Lab File: BF144175.D

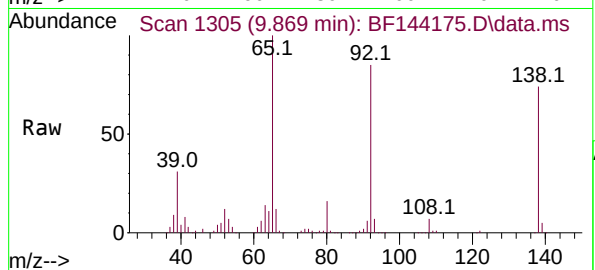
Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



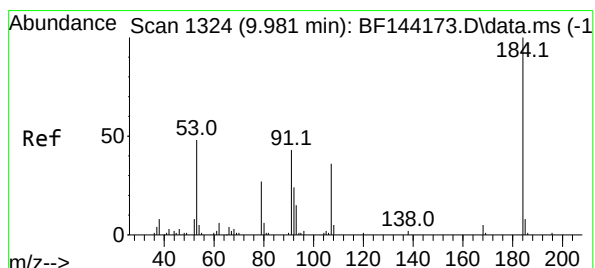
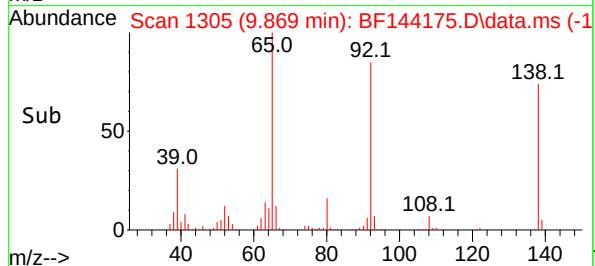
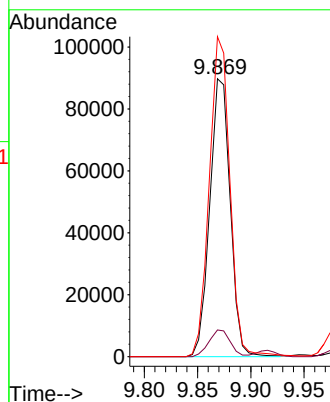
Tgt Ion:138 Resp: 119967

Ion	Ratio	Lower	Upper

138	100		

108	9.6	7.5	11.3

92	115.2	91.8	137.6



#54

2,4-Dinitrophenol

Concen: 62.138 ng

RT: 9.980 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

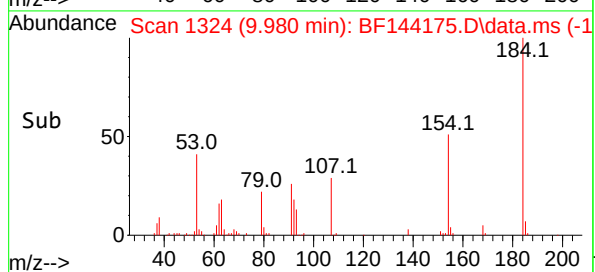
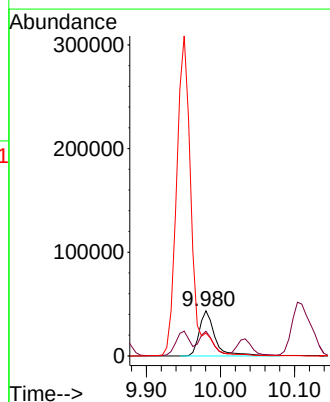
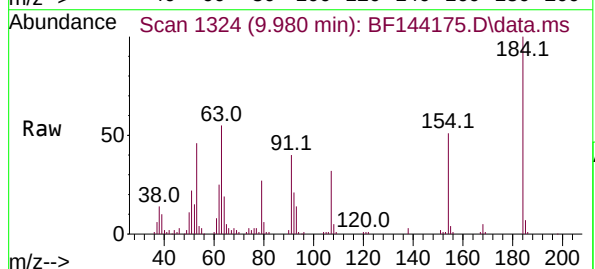
Tgt Ion:184 Resp: 63597

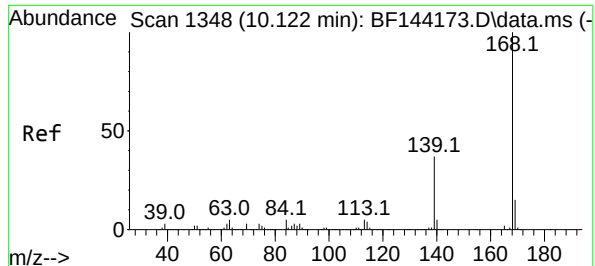
Ion	Ratio	Lower	Upper

184	100		

63	54.7	44.0	66.0

154	50.8	42.4	63.6





#55

Dibenzenofuran

Concen: 61.680 ng

RT: 10.122 min Scan# 1348

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

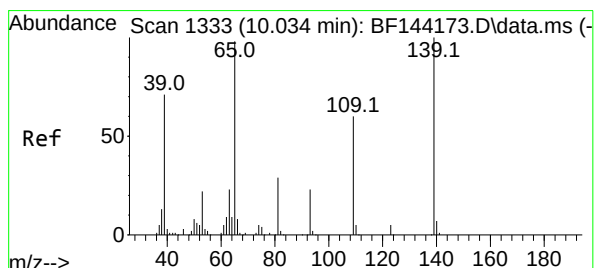
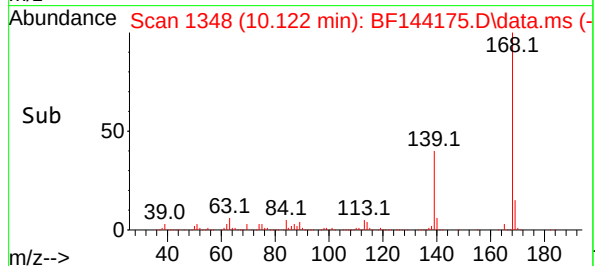
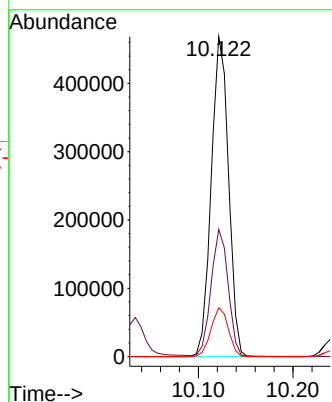
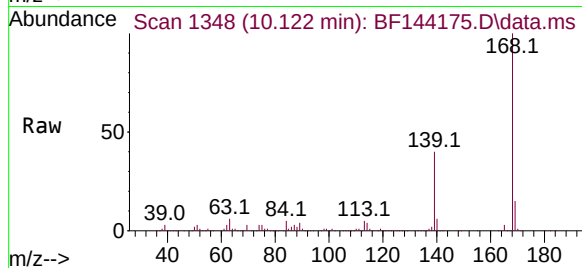
Tgt Ion:168 Resp: 592400

Ion Ratio Lower Upper

168 100

139 39.7 30.2 45.2

169 15.3 12.2 18.4



#56

4-Nitrophenol

Concen: 59.812 ng

RT: 10.033 min Scan# 1333

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

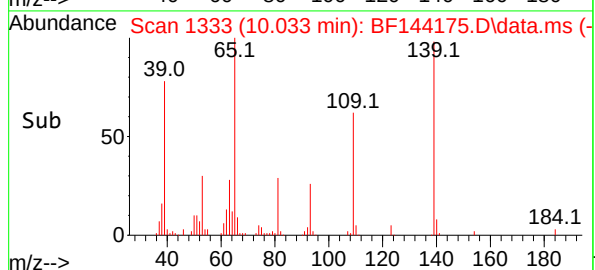
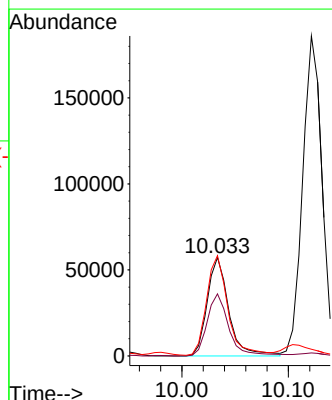
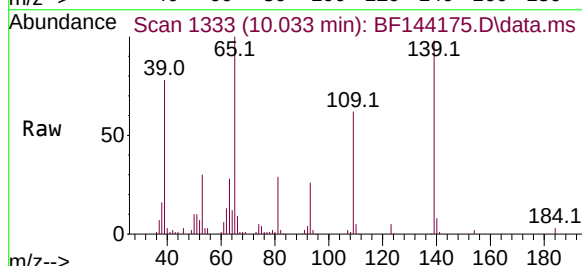
Tgt Ion:139 Resp: 80163

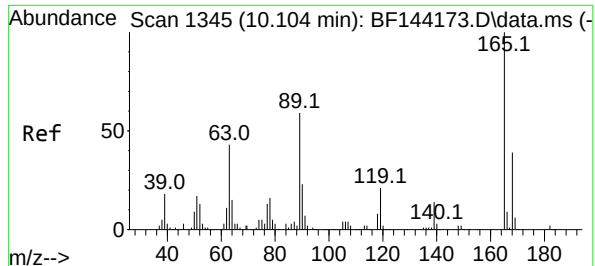
Ion Ratio Lower Upper

139 100

109 63.0 39.9 79.9

65 101.8 79.5 119.5

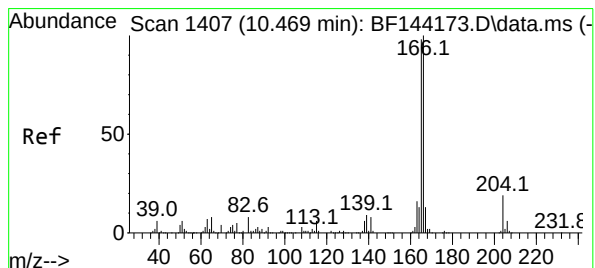
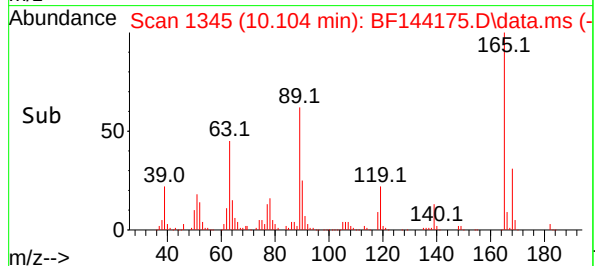
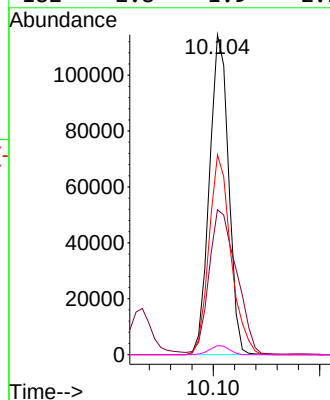
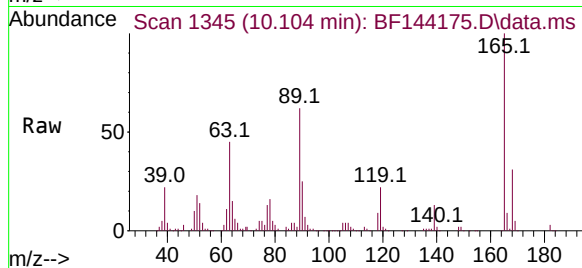




#57
2,4-Dinitrotoluene
Concen: 62.984 ng
RT: 10.104 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

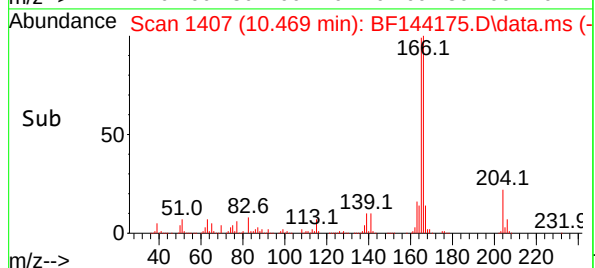
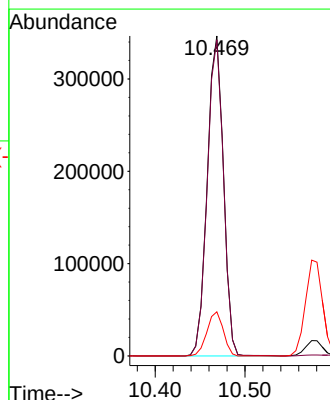
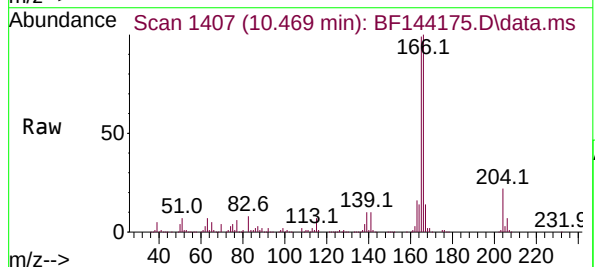
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

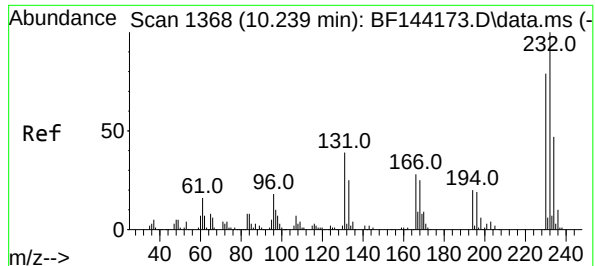
Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.3	35.5	53.3
89	62.4	47.4	71.2
182	2.8	1.9	2.9



#58
Fluorene
Concen: 59.664 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.6	118.0
167	13.8	10.4	15.6

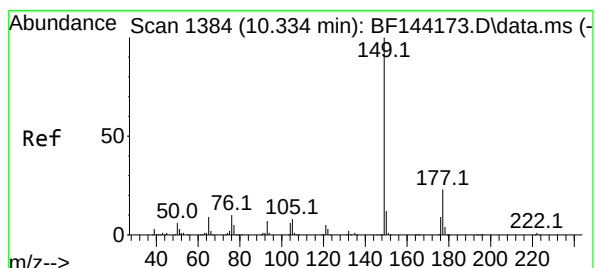
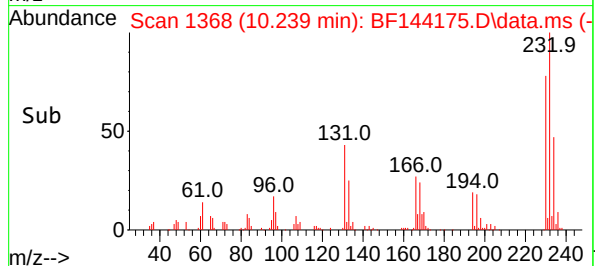
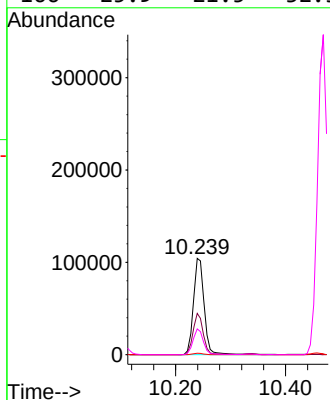
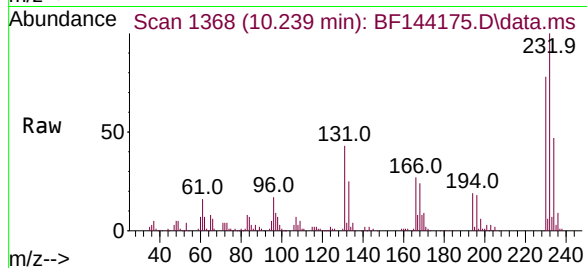




#59
2,3,4,6-Tetrachlorophenol
Concen: 65.569 ng
RT: 10.239 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

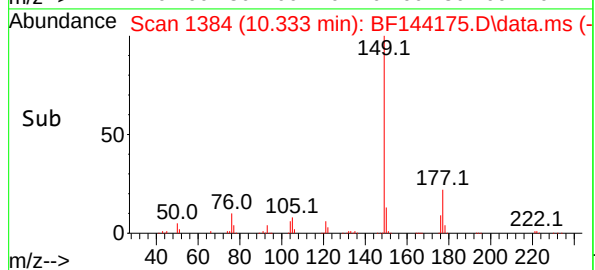
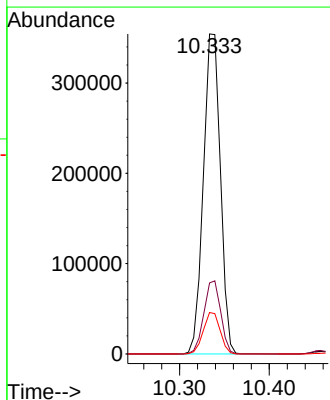
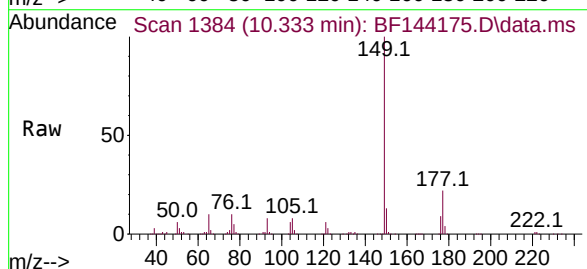
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

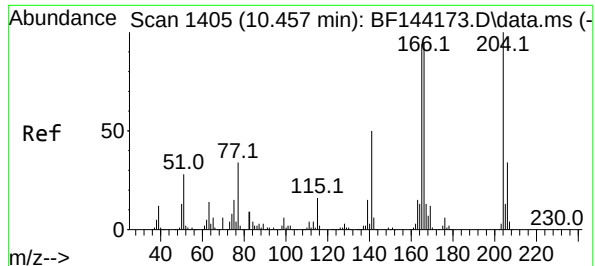
Tgt Ion:232 Resp: 140953
Ion Ratio Lower Upper
232 100
131 40.7 30.3 45.5
130 1.3 1.2 1.8
166 25.9 21.5 32.3



#60
Diethylphthalate
Concen: 60.755 ng
RT: 10.333 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:149 Resp: 468931
Ion Ratio Lower Upper
149 100
177 22.2 18.3 27.5
150 12.9 9.8 14.6

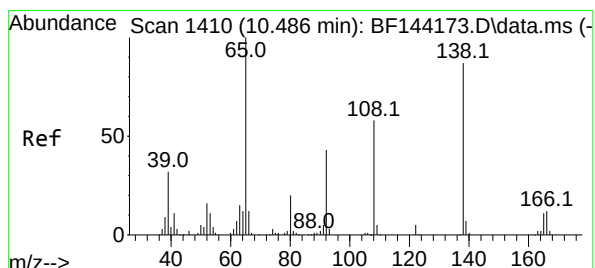
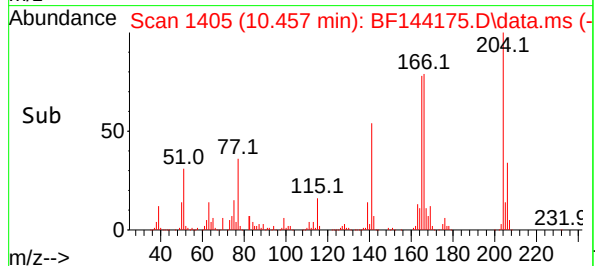
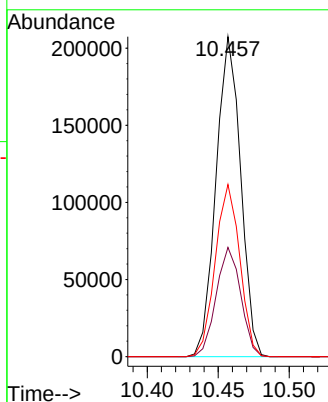
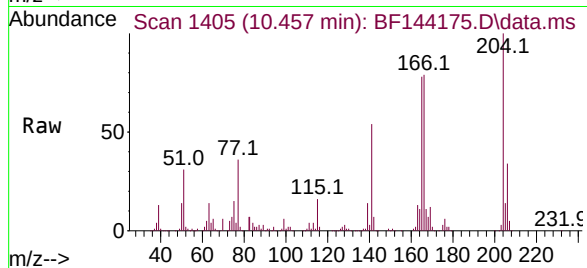




#61
4-Chlorophenyl-phenylether
Concen: 60.068 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

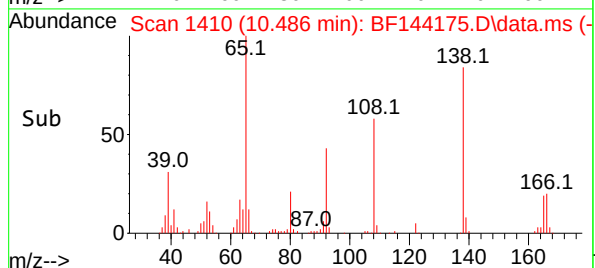
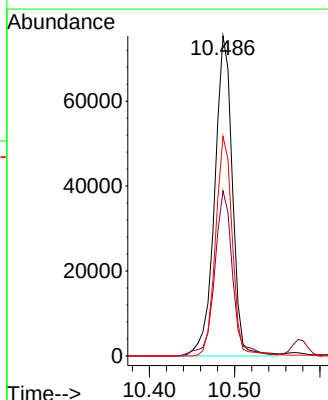
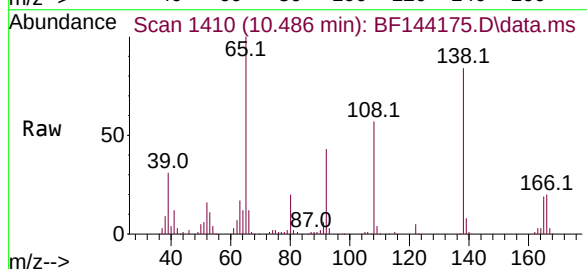
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

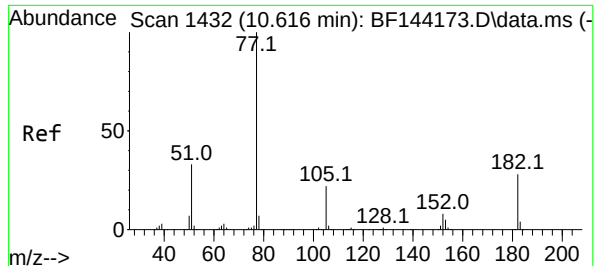
Tgt Ion:204 Resp: 249857
Ion Ratio Lower Upper
204 100
206 34.1 27.4 41.2
141 53.8 40.0 60.0



#62
4-Nitroaniline
Concen: 61.862 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:138 Resp: 109153
Ion Ratio Lower Upper
138 100
92 51.6 29.4 69.4
108 68.6 46.4 86.4

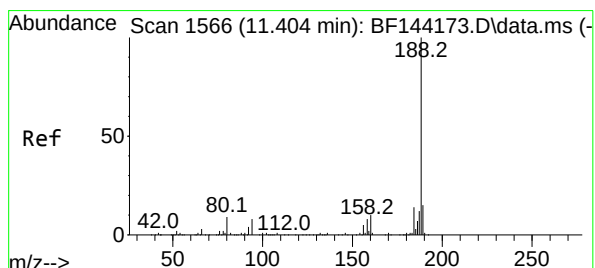
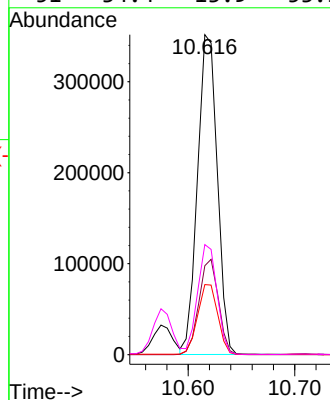
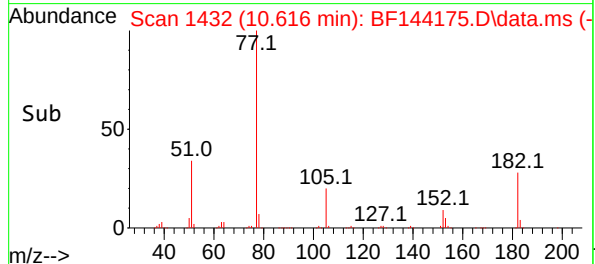
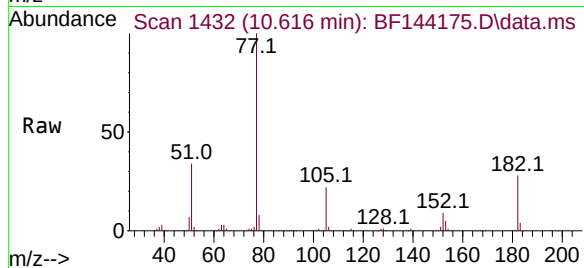




#63
Azobenzene
Concen: 63.187 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

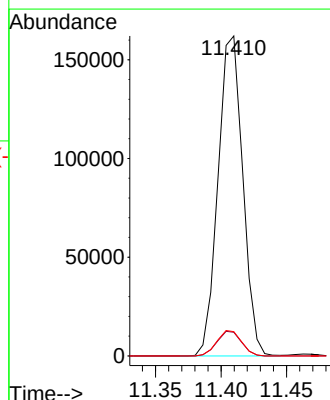
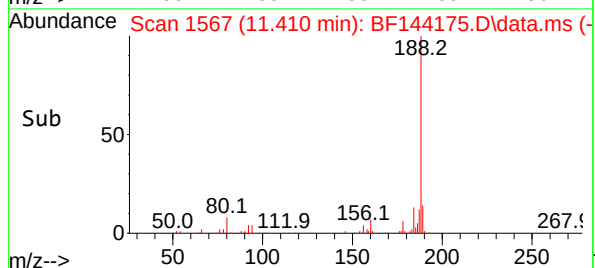
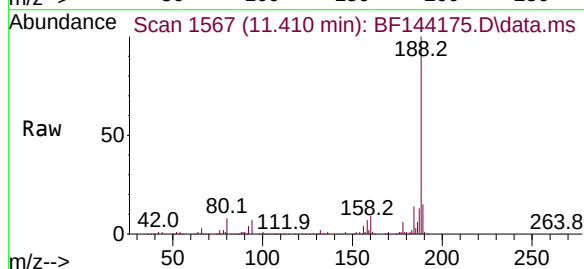
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

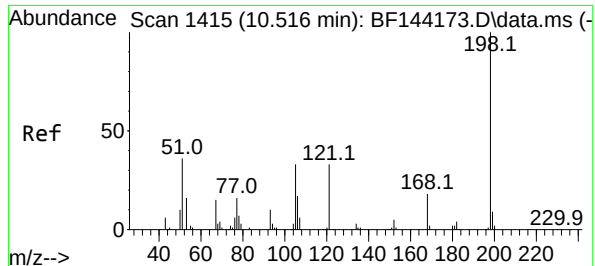
Tgt Ion: 77 Resp: 453890
Ion Ratio Lower Upper
77 100
182 27.8 8.1 48.1
105 21.9 2.0 42.0
51 34.4 13.9 53.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion: 188 Resp: 213136
Ion Ratio Lower Upper
188 100
94 7.4 6.2 9.2
80 7.6 6.9 10.3

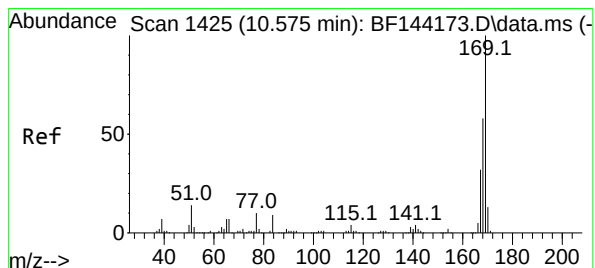
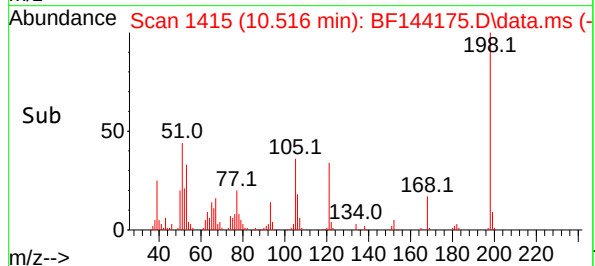
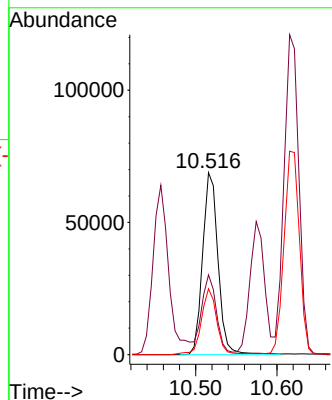
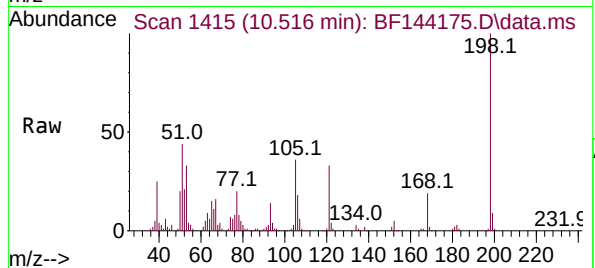




#65
4,6-Dinitro-2-methylphenol
Concen: 62.727 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

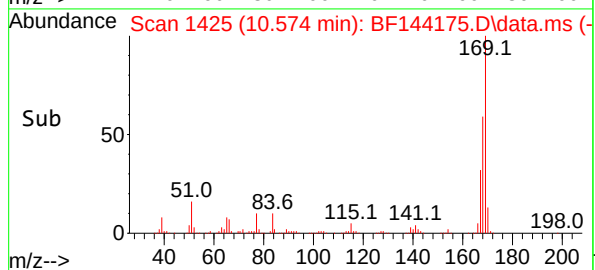
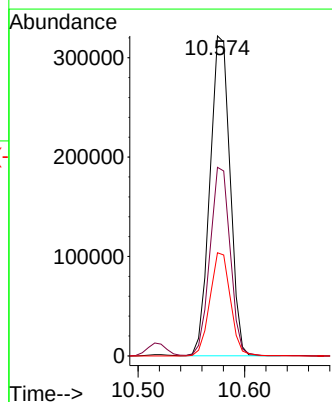
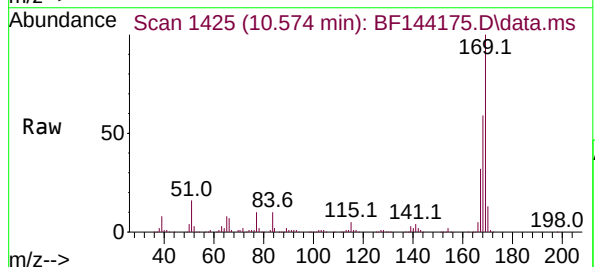
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

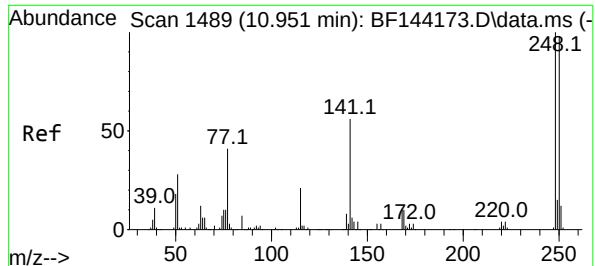
Tgt Ion:198 Resp: 90823
Ion Ratio Lower Upper
198 100
51 43.8 25.6 65.6
105 36.2 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 61.520 ng
RT: 10.574 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:169 Resp: 421720
Ion Ratio Lower Upper
169 100
168 58.9 46.2 69.2
167 32.2 25.7 38.5

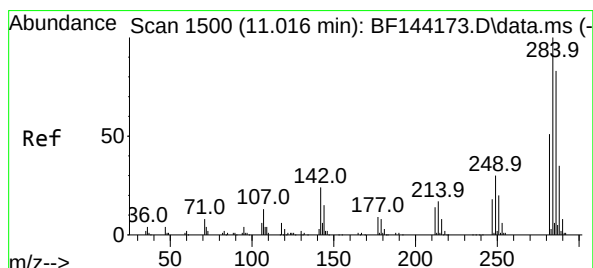
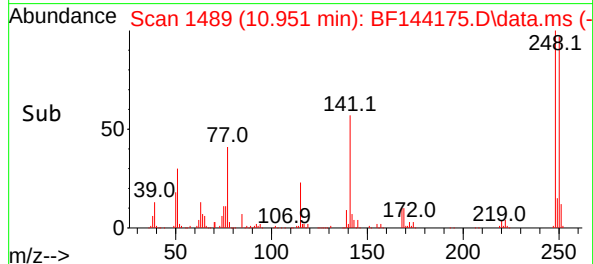
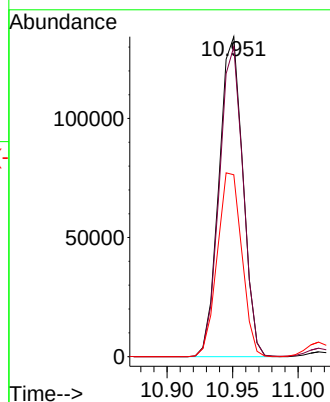
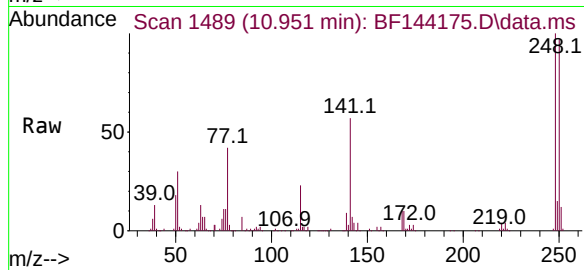




#67
4-Bromophenyl-phenylether
Concen: 62.634 ng
RT: 10.951 min Scan# 1489
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

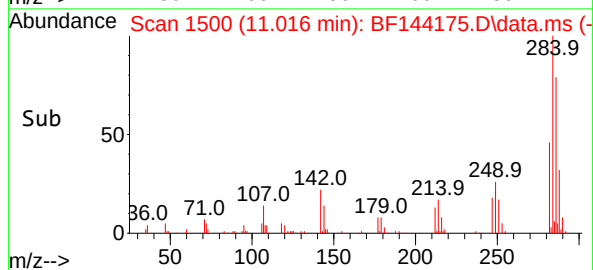
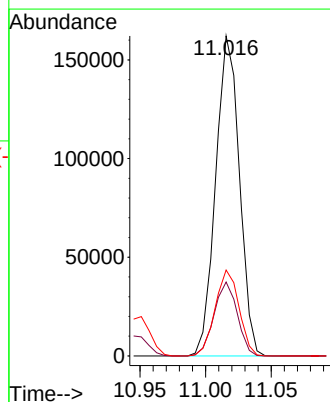
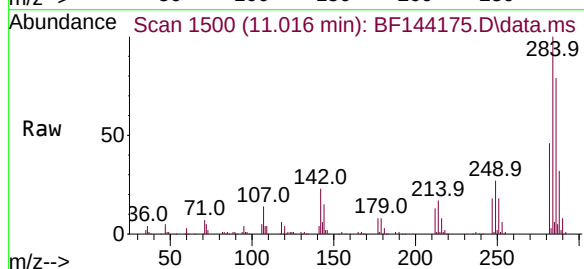
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

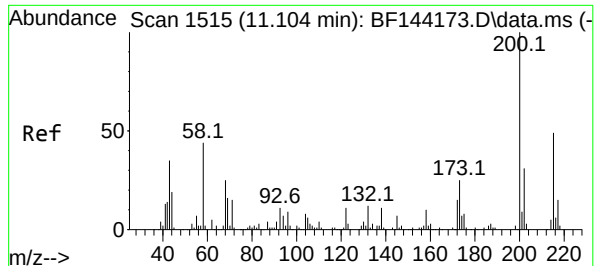
Tgt Ion:248 Resp: 170395
Ion Ratio Lower Upper
248 100
250 96.8 78.4 117.6
141 56.8 45.1 67.7



#68
Hexachlorobenzene
Concen: 63.744 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:284 Resp: 204258
Ion Ratio Lower Upper
284 100
142 23.1 19.2 28.8
249 26.8 23.8 35.8

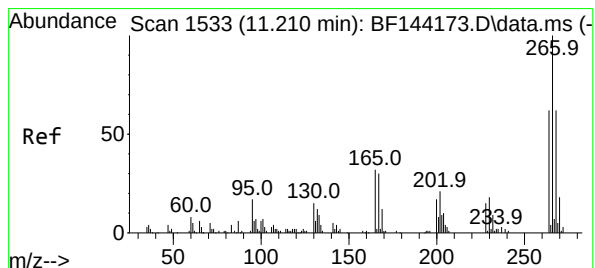
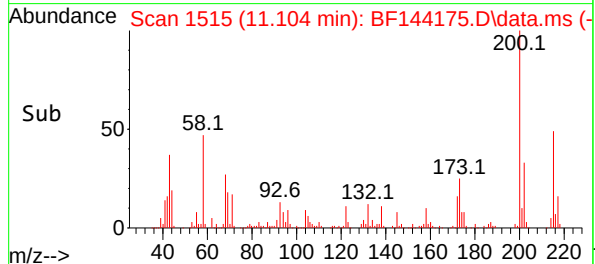
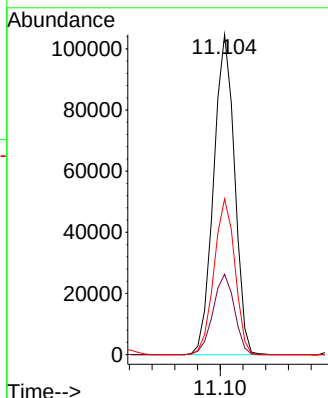
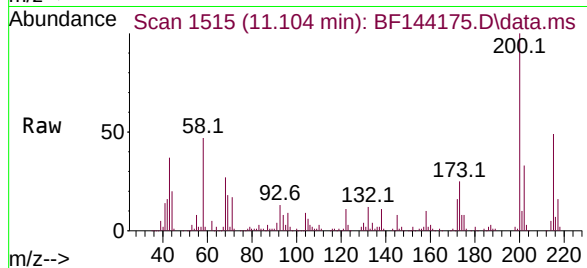




#69
Atrazine
Concen: 61.467 ng
RT: 11.104 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

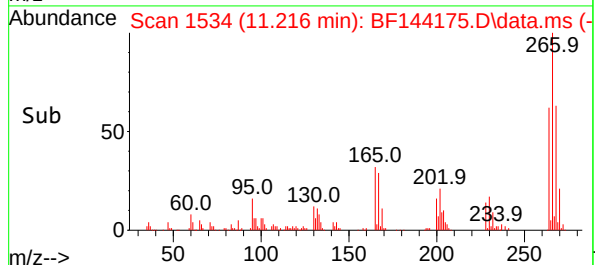
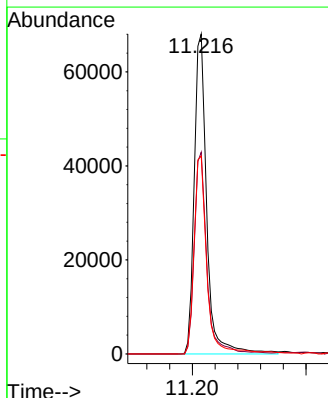
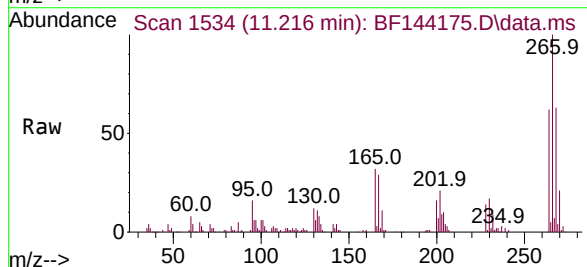
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

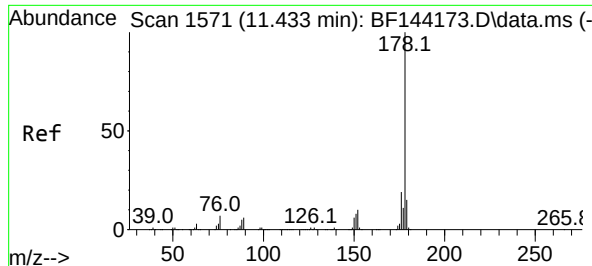
Tgt Ion:200 Resp: 134002
Ion Ratio Lower Upper
200 100
173 25.1 5.0 45.0
215 48.7 28.7 68.7



#70
Pentachlorophenol
Concen: 64.842 ng
RT: 11.216 min Scan# 1534
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:266 Resp: 103466
Ion Ratio Lower Upper
266 100
268 63.0 49.5 74.3
264 61.8 49.4 74.2

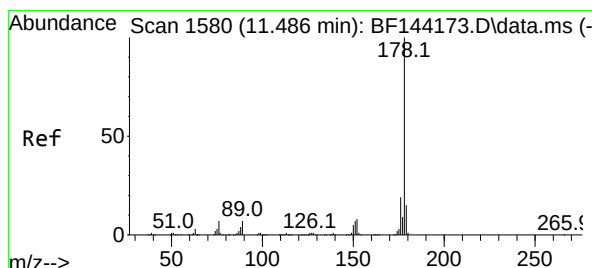
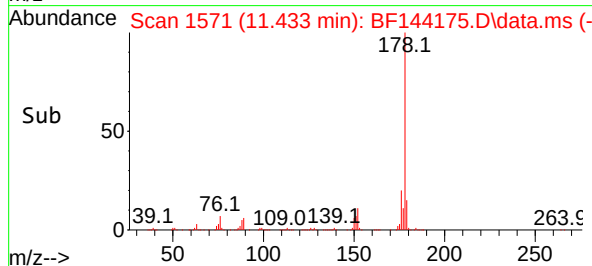
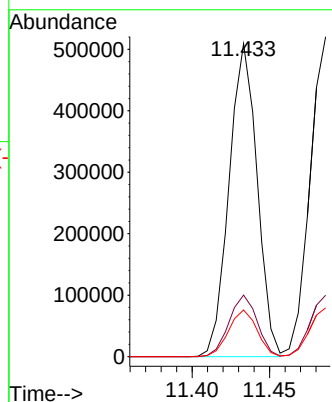
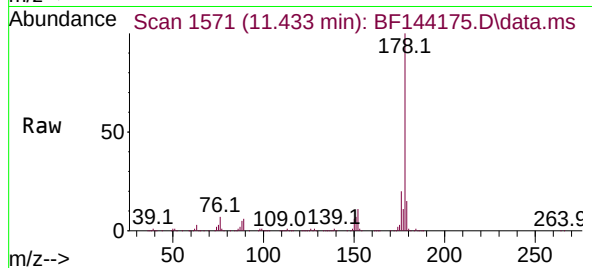




#71
Phenanthrene
Concen: 60.448 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

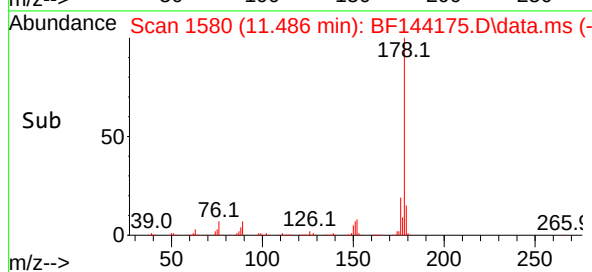
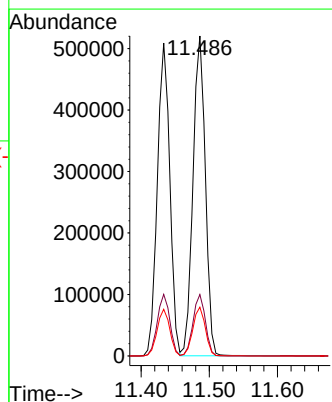
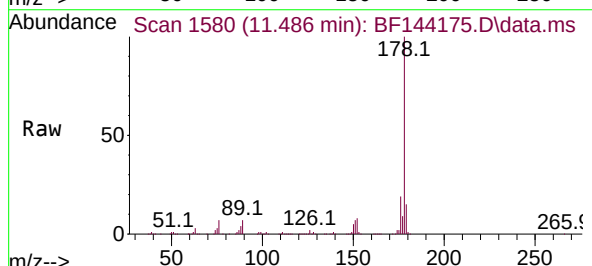
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

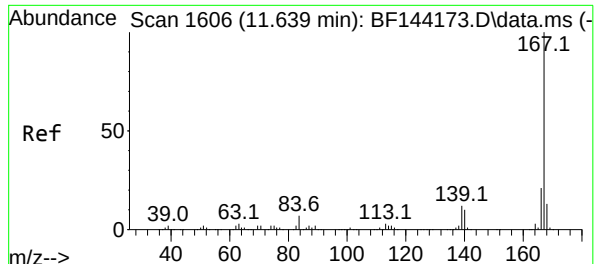
Tgt Ion:178 Resp: 641461
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 14.9 12.2 18.4



#72
Anthracene
Concen: 60.871 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:178 Resp: 656819
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.2 12.0 18.0

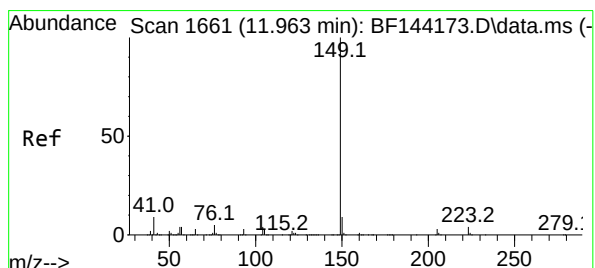
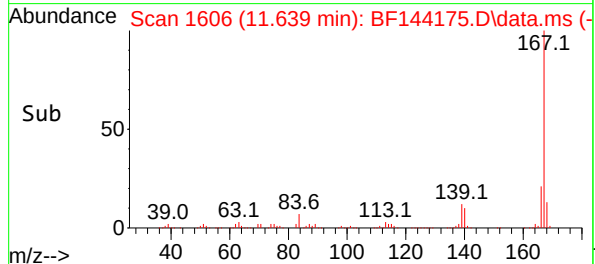
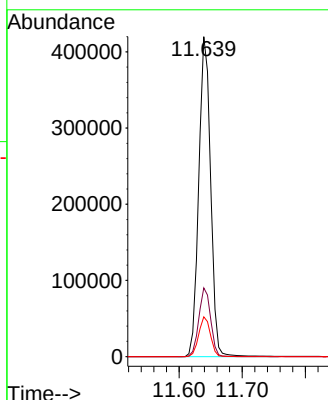
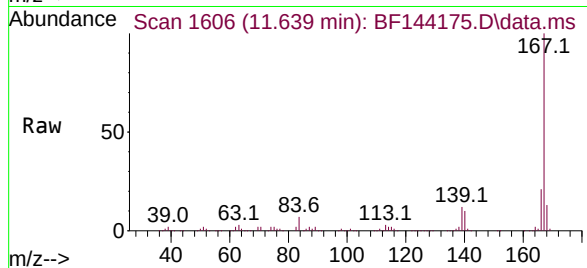




#73
Carbazole
Concen: 59.542 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

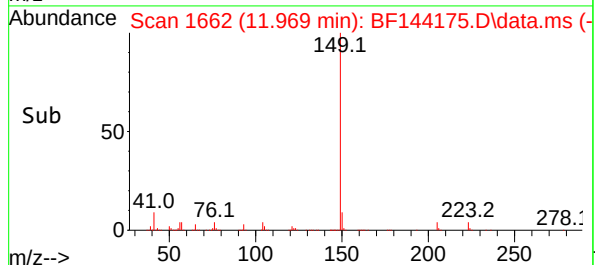
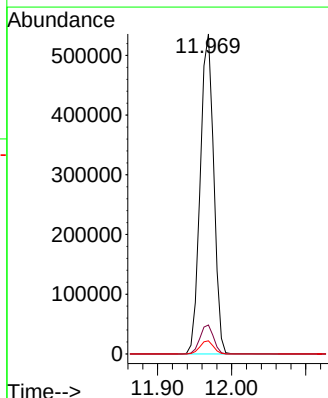
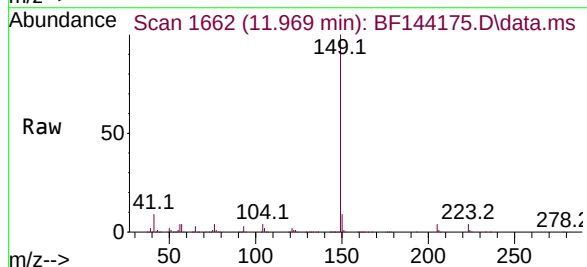
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

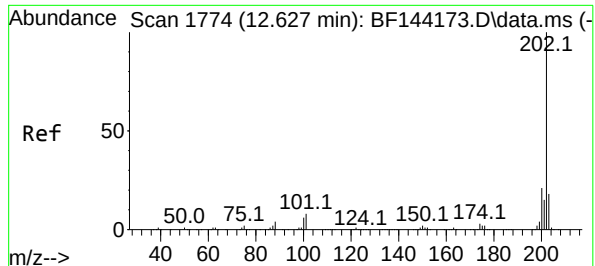
Tgt Ion:167 Resp: 546322
Ion Ratio Lower Upper
167 100
166 21.5 17.2 25.8
139 12.4 9.9 14.9



#74
Di-n-butylphthalate
Concen: 61.075 ng
RT: 11.969 min Scan# 1662
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:149 Resp: 677444
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.0
104 4.1 3.4 5.2





#75

Fluoranthene

Concen: 60.849 ng

RT: 12.627 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

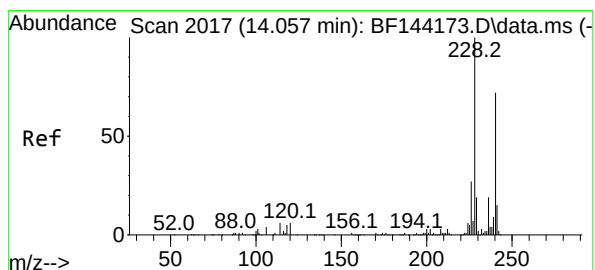
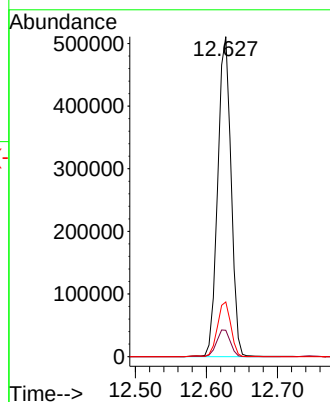
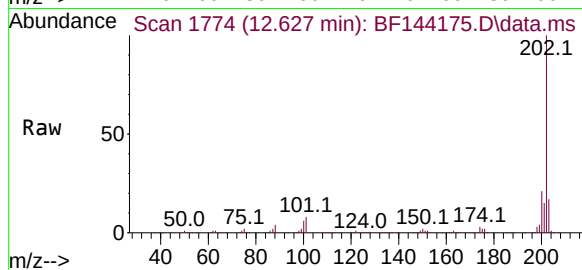
Tgt Ion:202 Resp: 667021

Ion Ratio Lower Upper

202 100

101 8.2 0.0 27.9

203 17.1 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

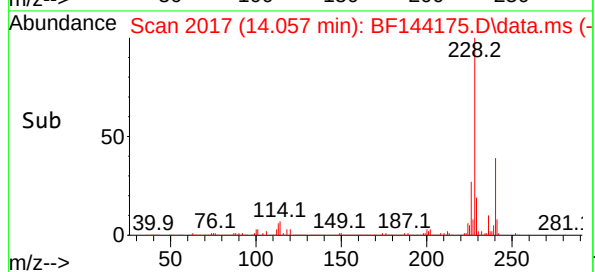
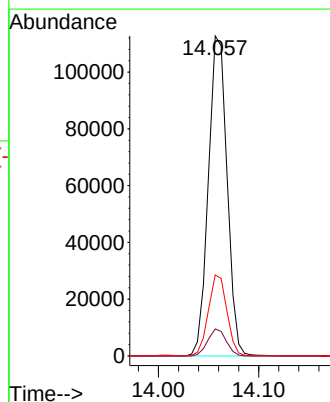
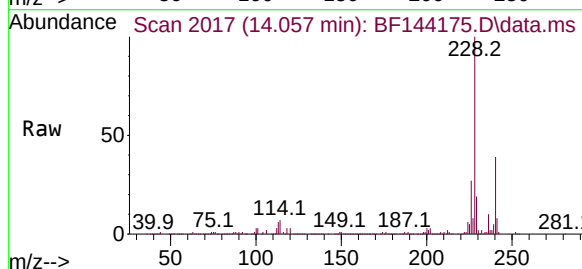
Tgt Ion:240 Resp: 145867

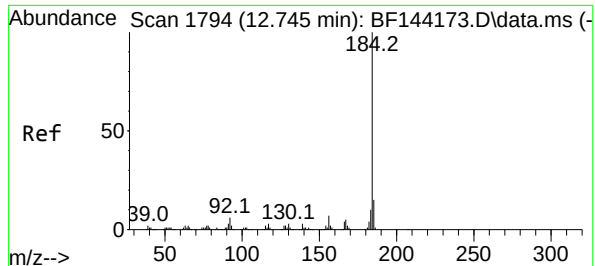
Ion Ratio Lower Upper

240 100

120 8.5 6.6 10.0

236 25.3 21.4 32.2

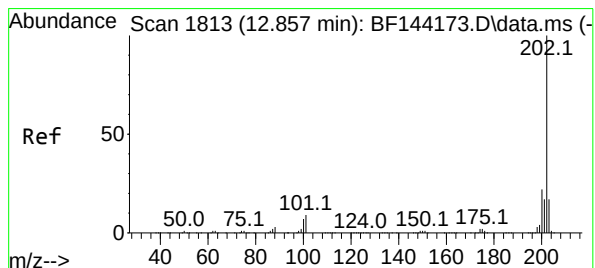
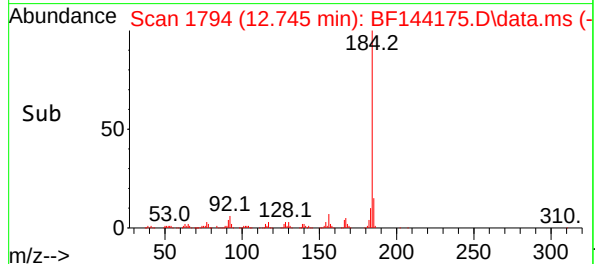
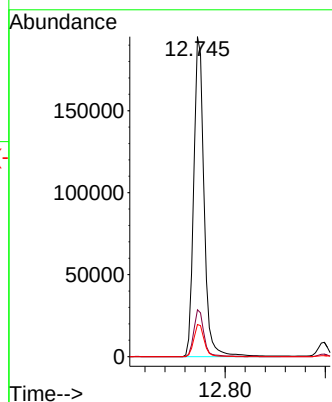
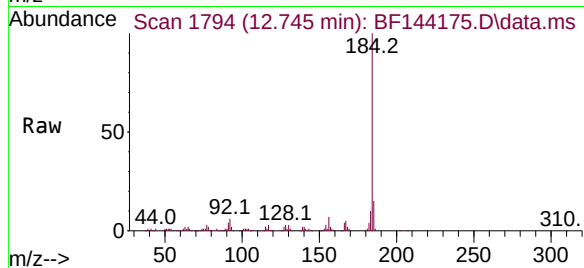




#77
Benzidine
Concen: 64.368 ng
RT: 12.745 min Scan# 1794
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

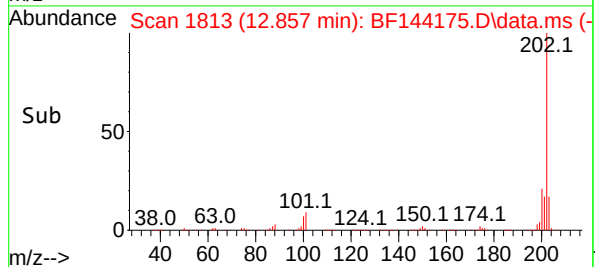
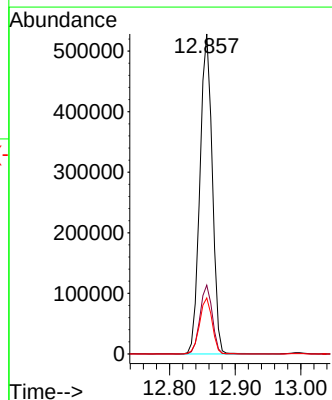
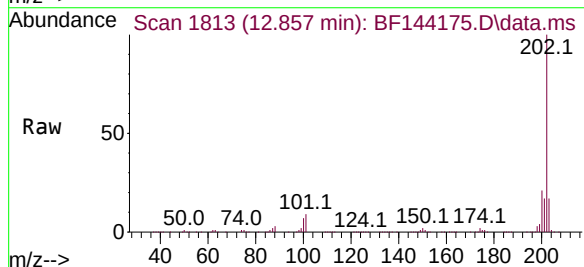
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

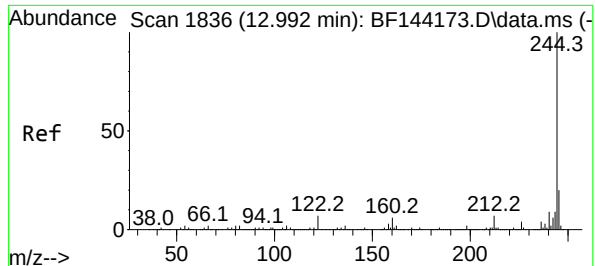
Tgt Ion:184 Resp: 277725
Ion Ratio Lower Upper
184 100
185 14.6 11.7 17.5
183 10.0 8.3 12.5



#78
Pyrene
Concen: 58.384 ng
RT: 12.857 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:202 Resp: 686663
Ion Ratio Lower Upper
202 100
200 21.5 17.2 25.8
203 17.5 13.7 20.5





#79

Terphenyl-d14

Concen: 115.147 ng

RT: 12.998 min Scan# 1836

Delta R.T. -0.000 min

Lab File: BF144175.D

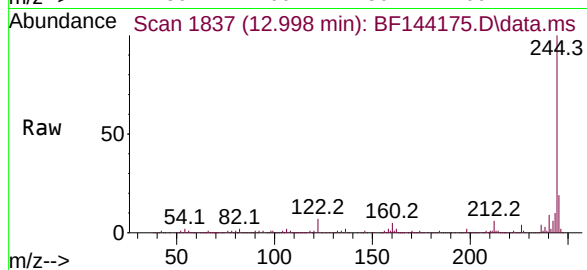
Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



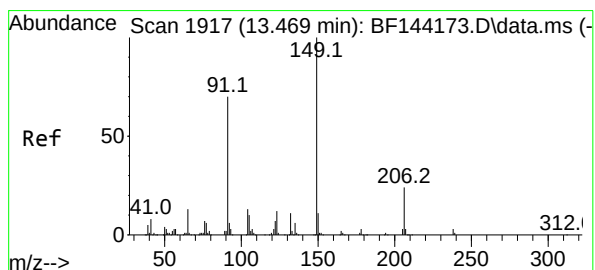
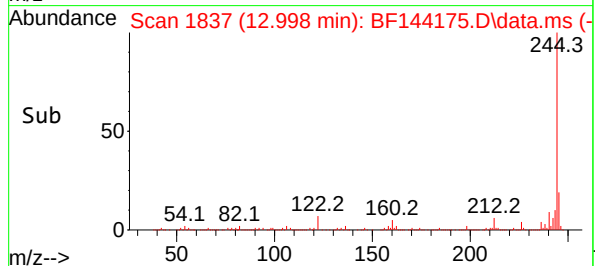
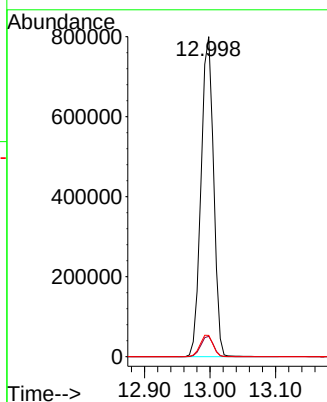
Tgt Ion:244 Resp: 1057426

Ion Ratio Lower Upper

244 100

212 6.3 5.3 7.9

122 6.6 5.6 8.4



#80

Butylbenzylphthalate

Concen: 61.152 ng

RT: 13.468 min Scan# 1917

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

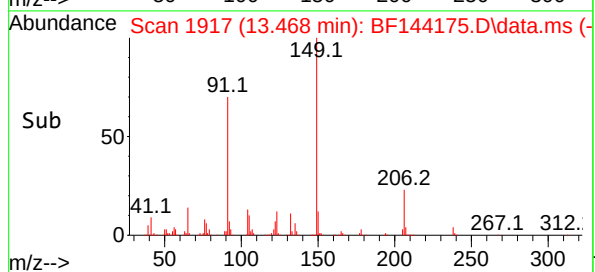
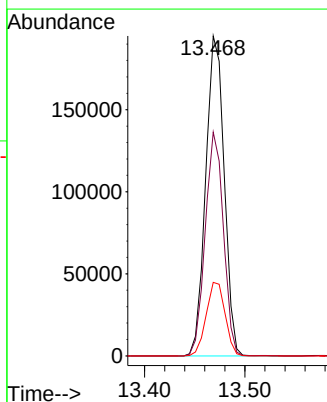
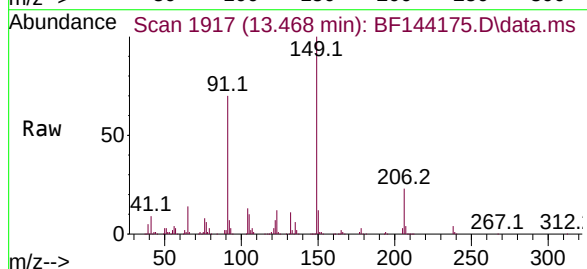
Tgt Ion:149 Resp: 249274

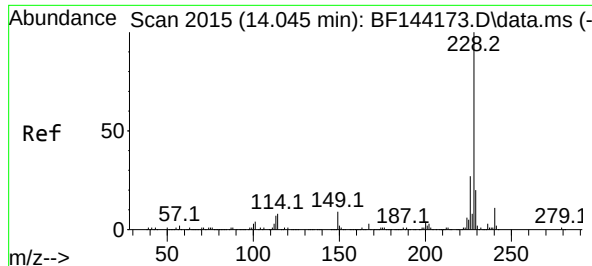
Ion Ratio Lower Upper

149 100

91 69.9 56.1 84.1

206 23.0 18.8 28.2





#81

Benzo(a)anthracene

Concen: 64.625 ng

RT: 14.051 min Scan# 2015

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

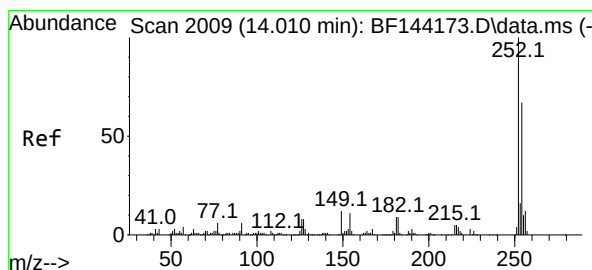
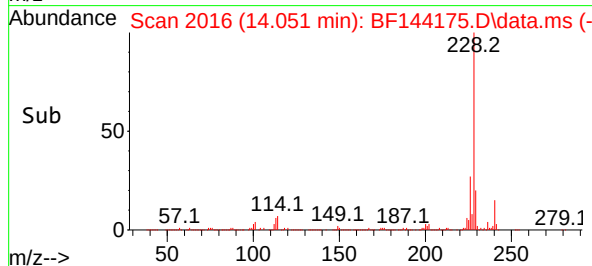
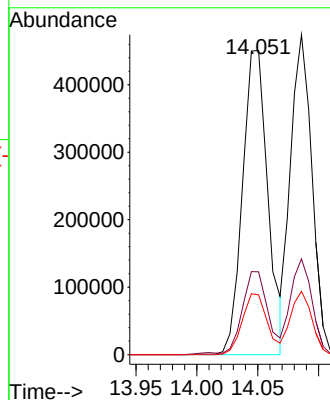
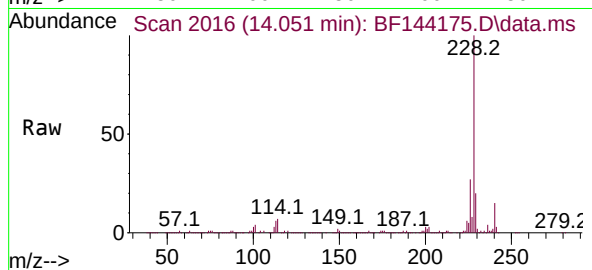
Tgt Ion:228 Resp: 653341

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

229 19.6 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 67.182 ng

RT: 14.010 min Scan# 2009

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

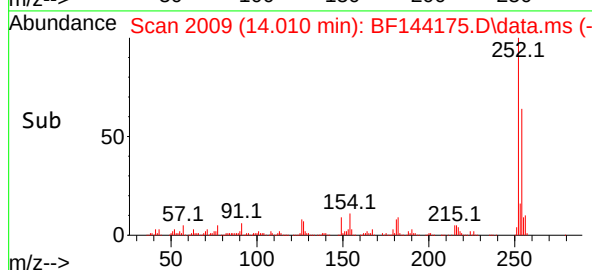
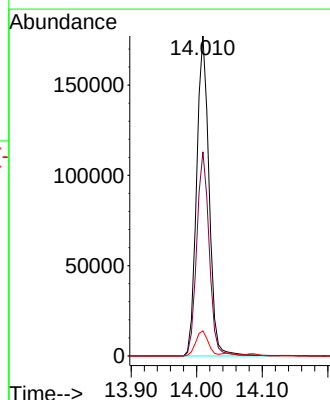
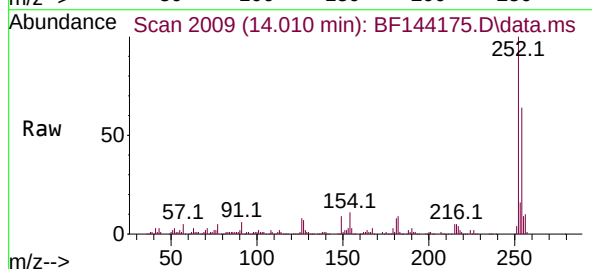
Tgt Ion:252 Resp: 232807

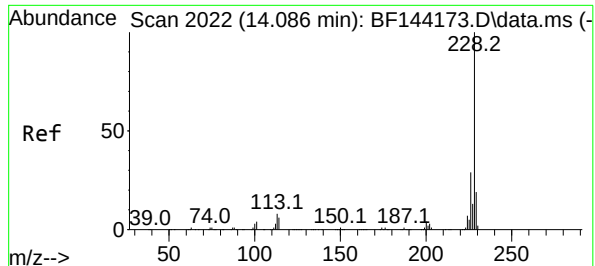
Ion Ratio Lower Upper

252 100

254 63.8 53.5 80.3

126 7.8 6.4 9.6





#83

Chrysene

Concen: 62.196 ng

RT: 14.086 min Scan# 2022

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

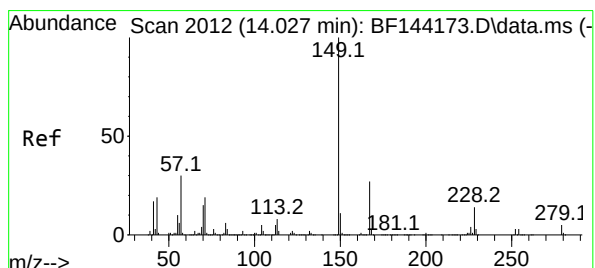
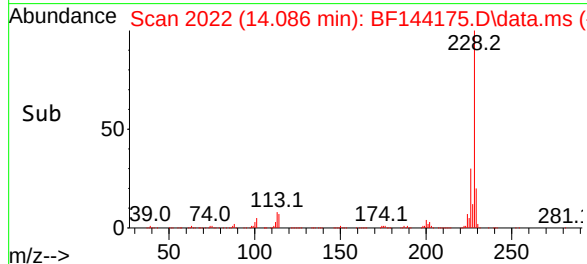
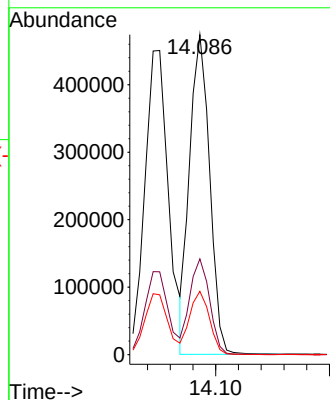
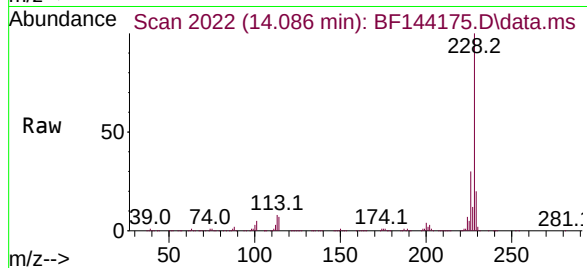
Tgt Ion:228 Resp: 580449

Ion Ratio Lower Upper

228 100

226 30.0 22.9 34.3

229 19.8 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 62.991 ng

RT: 14.027 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

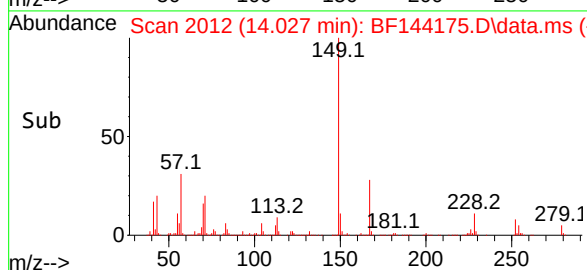
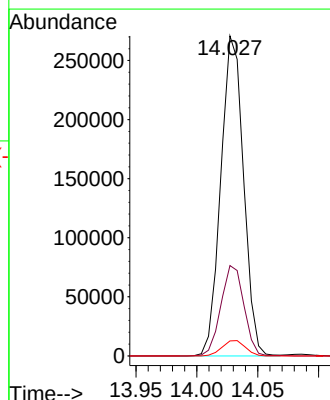
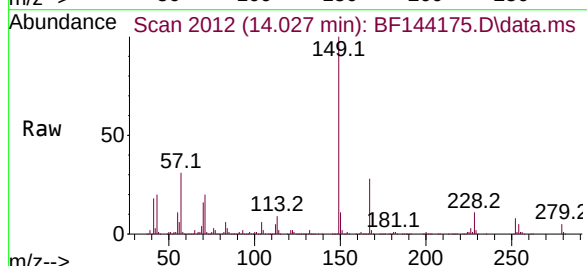
Tgt Ion:149 Resp: 351501

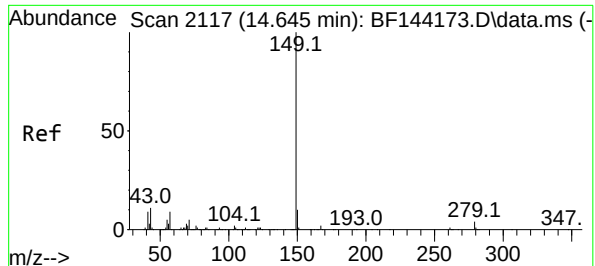
Ion Ratio Lower Upper

149 100

167 28.2 21.8 32.8

279 4.7 3.7 5.5

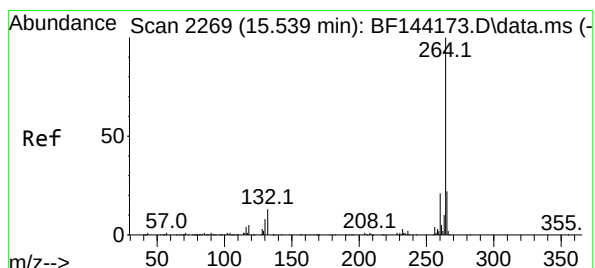
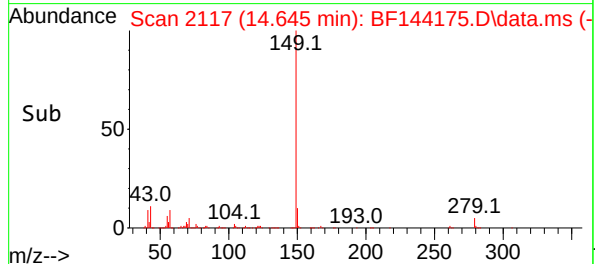
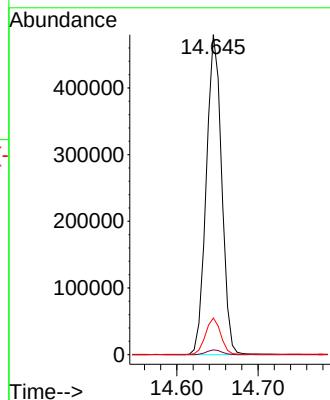
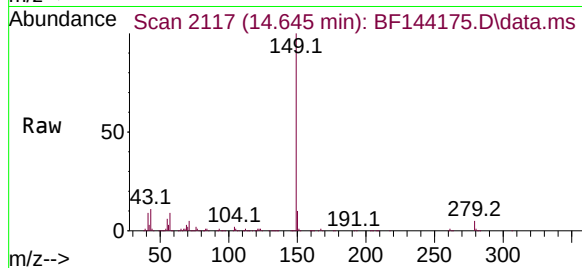




#85
Di-n-octyl phthalate
Concen: 65.547 ng
RT: 14.645 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

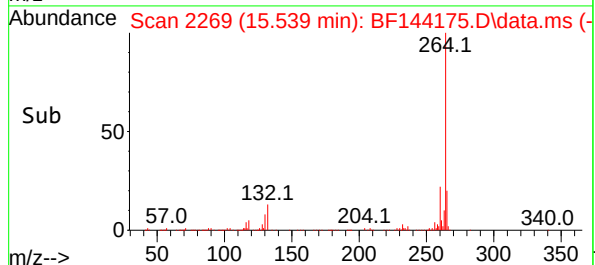
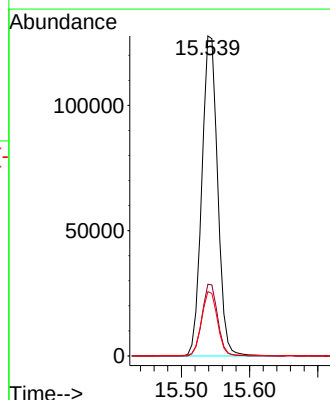
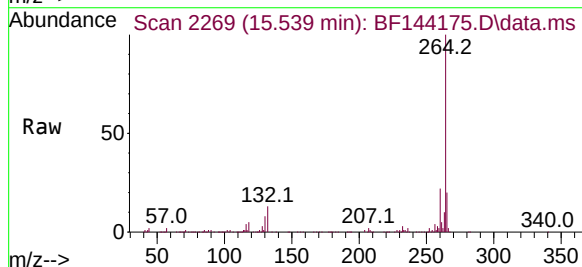
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

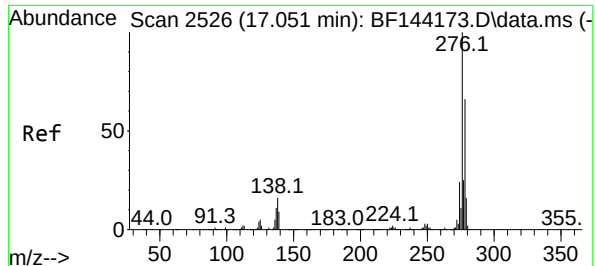
Tgt Ion:149 Resp: 631065
Ion Ratio Lower Upper
149 100
167 1.4 1.2 1.8
43 11.3 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:264 Resp: 205758
Ion Ratio Lower Upper
264 100
260 22.4 17.1 25.7
265 20.1 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 63.557 ng

RT: 17.056 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

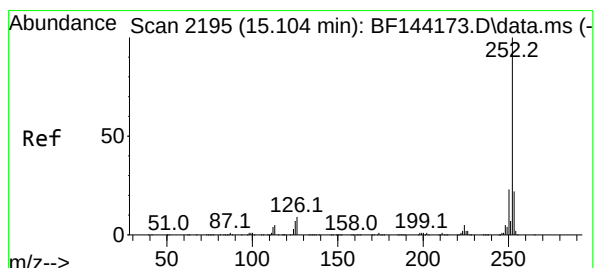
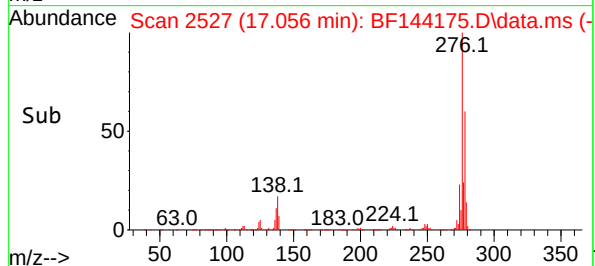
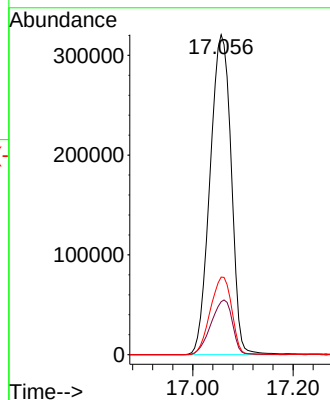
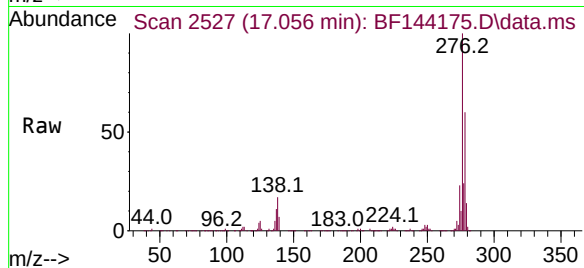
Tgt Ion:276 Resp: 938738

Ion Ratio Lower Upper

276 100

138 17.4 13.9 20.9

277 24.6 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 59.849 ng

RT: 15.109 min Scan# 2196

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

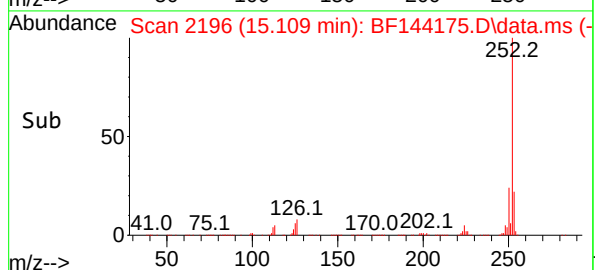
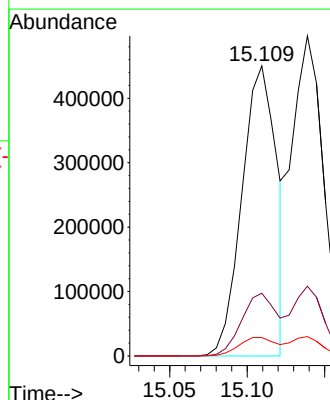
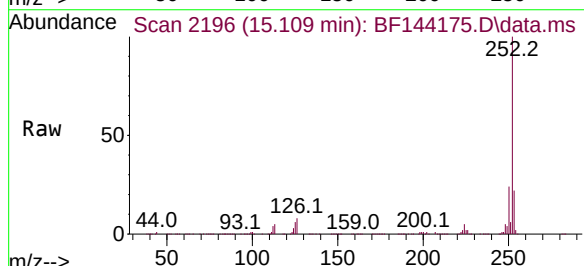
Tgt Ion:252 Resp: 700099

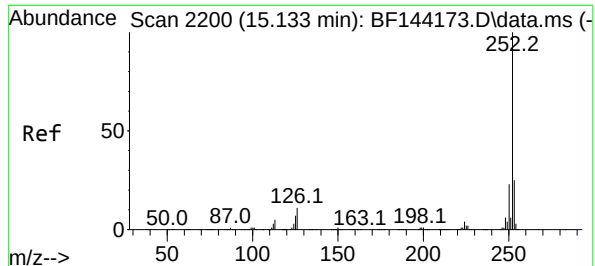
Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.2

125 6.3 5.3 7.9





#89

Benzo(k)fluoranthene

Concen: 63.919 ng

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

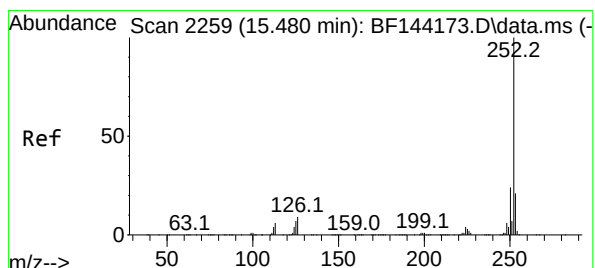
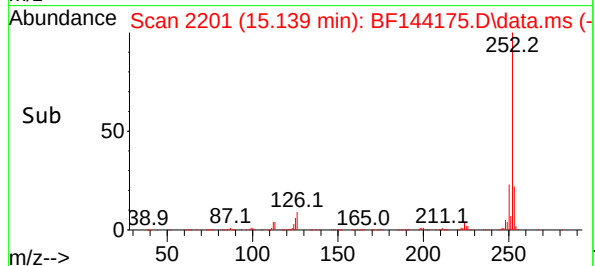
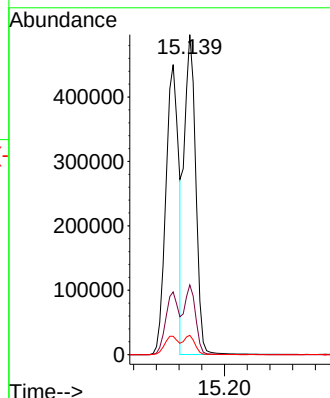
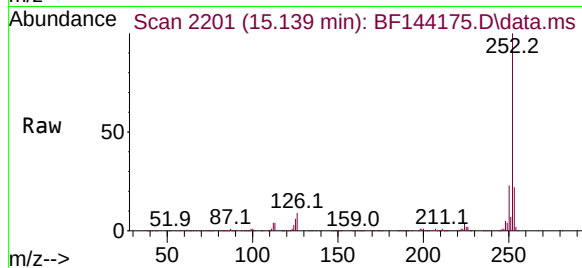
Tgt Ion:252 Resp: 699851

Ion Ratio Lower Upper

252 100

253 21.8 18.0 27.0

125 6.0 5.4 8.2



#90

Benzo(a)pyrene

Concen: 63.078 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

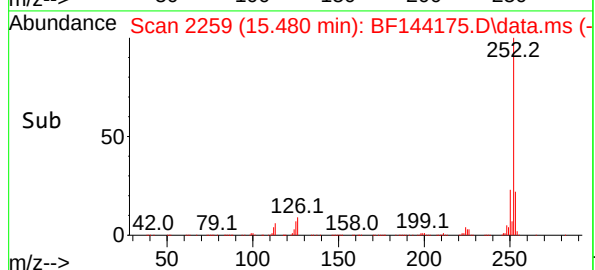
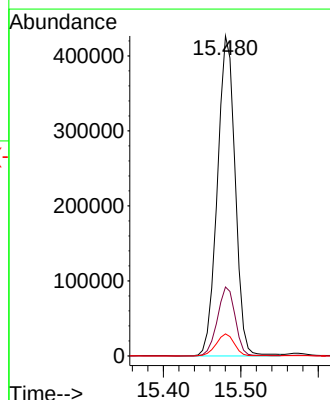
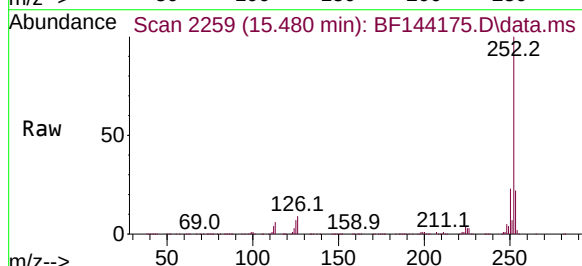
Tgt Ion:252 Resp: 680720

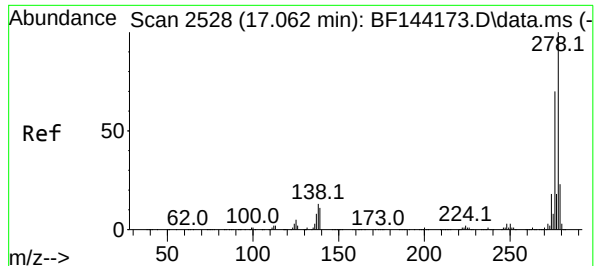
Ion Ratio Lower Upper

252 100

253 21.5 16.7 25.1

125 6.9 5.7 8.5

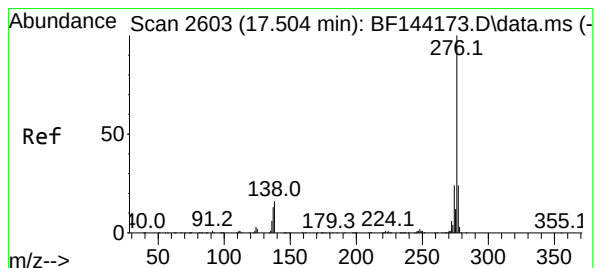
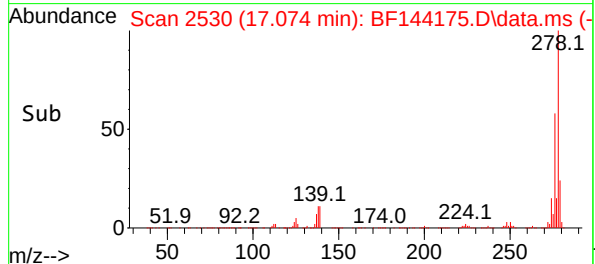
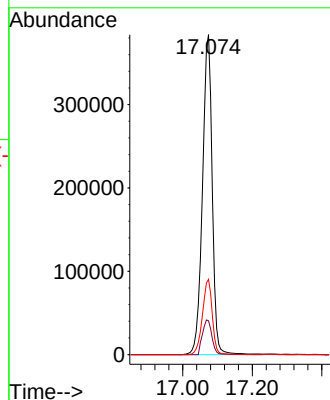
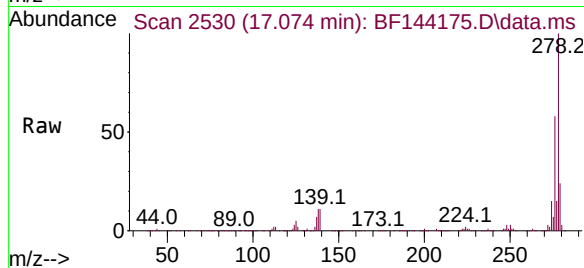




#91
Dibenzo(a,h)anthracene
Concen: 62.936 ng
RT: 17.074 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

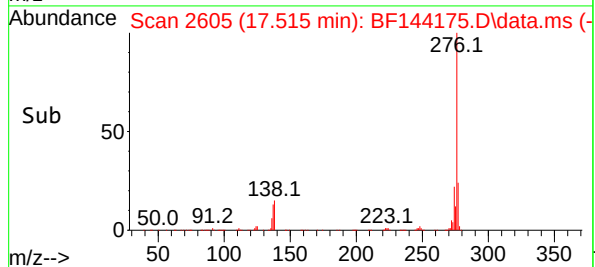
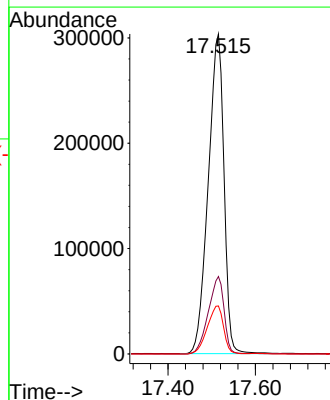
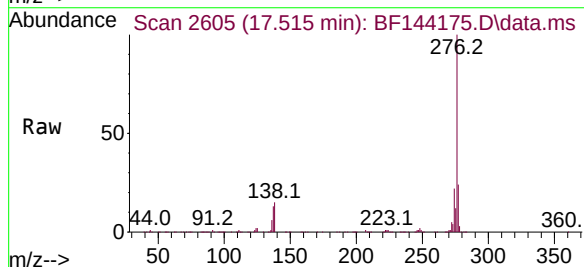
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:278 Resp: 746544
Ion Ratio Lower Upper
278 100
139 10.6 9.1 13.7
279 23.5 18.2 27.4



#92
Benzo(g,h,i)perylene
Concen: 64.699 ng
RT: 17.515 min Scan# 2605
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:276 Resp: 757880
Ion Ratio Lower Upper
276 100
277 24.2 19.0 28.4
138 15.0 12.9 19.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144176.D
 Acq On : 05 Nov 2025 16:49
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Quant Time: Nov 05 17:24:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	69287	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	261584	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	147600	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	244733	20.000	ng	0.00
76) Chrysene-d12	14.063	240	156809	20.000	ng	0.00
86) Perylene-d12	15.545	264	213275	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	661124	149.317	ng	0.00
7) Phenol-d6	6.510	99	742089	147.919	ng	0.00
23) Nitrobenzene-d5	7.445	82	707494	156.207	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	293555	158.489	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1397211	139.809	ng	0.00
79) Terphenyl-d14	12.998	244	1449323	146.810	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.604	88	149682	81.770	ng	99
3) Pyridine	3.375	79	427549	83.719	ng	99
4) n-Nitrosodimethylamine	3.346	42	224403	84.122	ng	98
6) Aniline	6.545	93	532078	74.439	ng	98
8) 2-Chlorophenol	6.663	128	333730	76.859	ng	100
9) Benzaldehyde	6.428	77	189297	66.820	ng	97
10) Phenol	6.528	94	441818	72.080	ng	78
11) bis(2-Chloroethyl)ether	6.616	93	348844	78.104	ng	99
12) 1,3-Dichlorobenzene	6.816	146	406743	75.913	ng	97
13) 1,4-Dichlorobenzene	6.892	146	405797	75.597	ng	99
14) 1,2-Dichlorobenzene	7.045	146	389053	75.617	ng	99
15) Benzyl Alcohol	7.022	79	317271	79.866	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	620126	75.396	ng	88
17) 2-Methylphenol	7.128	107	265517	76.865	ng	99
18) Hexachloroethane	7.386	117	139795	78.387	ng	97
19) n-Nitroso-di-n-propyla...	7.298	70	249355	75.502	ng	98
20) 3+4-Methylphenols	7.287	107	299182	73.473	ng	97
22) Acetophenone	7.292	105	409610	72.994	ng	94
24) Nitrobenzene	7.463	77	385188	78.328	ng	98
25) Isophorone	7.704	82	689837	80.522	ng	99
26) 2-Nitrophenol	7.775	139	194869	80.050	ng	94
27) 2,4-Dimethylphenol	7.816	122	287607	78.826	ng	96
28) bis(2-Chloroethoxy)met...	7.910	93	407835	76.234	ng	97
29) 2,4-Dichlorophenol	8.022	162	311260	74.016	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	326475	75.604	ng	97
31) Naphthalene	8.186	128	920731	73.994	ng	99
32) Benzoic acid	7.951	122	213364	79.777	ng	97
33) 4-Chloroaniline	8.233	127	341033	75.146	ng	97
34) Hexachlorobutadiene	8.298	225	249435	76.645	ng	98
35) Caprolactam	8.622	113	91899	79.765	ng	96
36) 4-Chloro-3-methylphenol	8.716	107	290083	76.969	ng	98
37) 2-Methylnaphthalene	8.875	142	610532	73.386	ng	100
38) 1-Methylnaphthalene	8.975	142	586747	73.093	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	361014	74.631	ng	99
41) Hexachlorocyclopentadiene	9.028	237	146524	78.238	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	254681	77.355	ng	98

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 Data File : BF144176.D
 Acq On : 05 Nov 2025 16:49
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

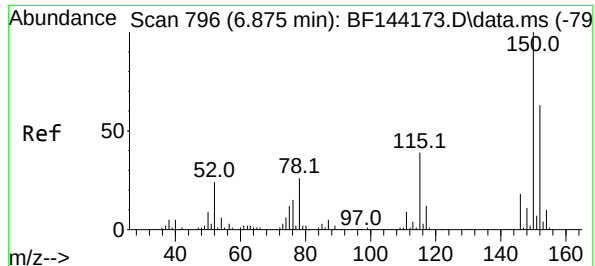
Quant Time: Nov 05 17:24:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	268940	75.791	ng	98
46) 1,1'-Biphenyl	9.339	154	749883	72.784	ng	99
47) 2-Chloronaphthalene	9.369	162	641521	72.995	ng	99
48) 2-Nitroaniline	9.463	65	203746	80.348	ng	98
49) Acenaphthylene	9.780	152	889410	74.264	ng	99
50) Dimethylphthalate	9.633	163	736477	75.318	ng	100
51) 2,6-Dinitrotoluene	9.704	165	156870	79.250	ng	98
52) Acenaphthene	9.951	154	594593	74.243	ng	99
53) 3-Nitroaniline	9.875	138	167110	77.230	ng	96
54) 2,4-Dinitrophenol	9.986	184	96727	80.924	ng	96
55) Dibenzofuran	10.128	168	802174	71.517	ng	98
56) 4-Nitrophenol	10.039	139	117050	74.782	ng	93
57) 2,4-Dinitrotoluene	10.110	165	208441	78.661	ng	95
58) Fluorene	10.469	166	618508	72.526	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	203523	81.067	ng	98
60) Diethylphthalate	10.339	149	686705	76.182	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	357010	73.492	ng	95
62) 4-Nitroaniline	10.498	138	158441	76.889	ng	98
63) Azobenzene	10.622	77	646943	77.117	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	134894	81.136	ng	96
66) n-Nitrosodiphenylamine	10.580	169	600791	76.327	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	246236	78.826	ng	97
68) Hexachlorobenzene	11.022	284	289823	78.769	ng	97
69) Atrazine	11.110	200	191862	76.645	ng	99
70) Pentachlorophenol	11.216	266	161918	88.373	ng	99
71) Phenanthrene	11.433	178	916773	75.238	ng	99
72) Anthracene	11.486	178	916037	73.934	ng	99
73) Carbazole	11.645	167	777702	73.816	ng	100
74) Di-n-butylphthalate	11.969	149	965695	75.822	ng	100
75) Fluoranthene	12.627	202	937436	74.476	ng	99
77) Benzidine	12.751	184	347077	74.828	ng	99
78) Pyrene	12.857	202	943190	74.600	ng	99
80) Butylbenzylphthalate	13.474	149	344575	78.633	ng	99
81) Benzo(a)anthracene	14.051	228	856602	78.818	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	301919	81.046	ng	97
83) Chrysene	14.086	228	792397	78.982	ng	97
84) Bis(2-ethylhexyl)phtha...	14.033	149	479285	79.898	ng	99
85) Di-n-octyl phthalate	14.645	149	855486	82.657	ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	1215637	79.403	ng	99
88) Benzo(b)fluoranthene	15.110	252	975518	80.454	ng	99
89) Benzo(k)fluoranthene	15.145	252	870791	76.728	ng	98
90) Benzo(a)pyrene	15.486	252	877623	78.458	ng	98
91) Dibenzo(a,h)anthracene	17.080	278	970735	78.952	ng	98
92) Benzo(g,h,i)perylene	17.521	276	981387	80.827	ng	98

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

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

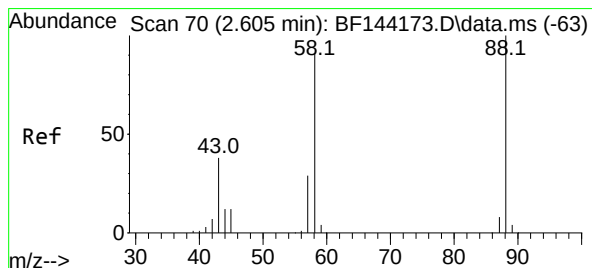
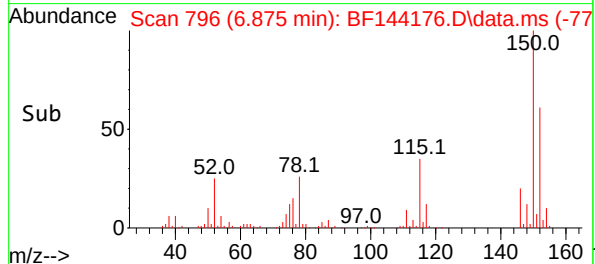
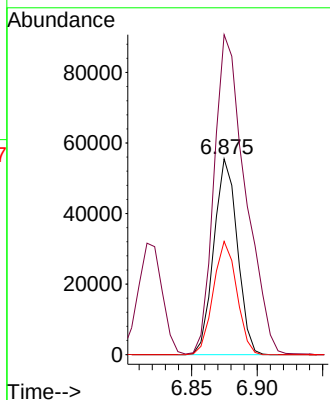
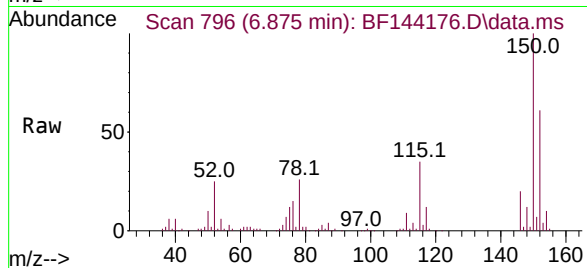
[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

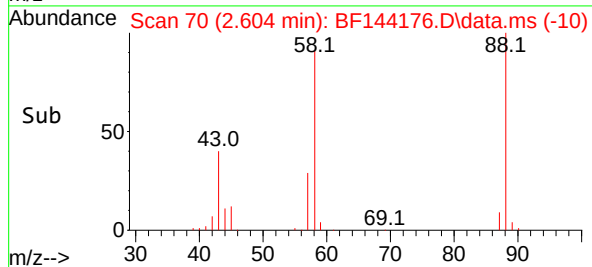
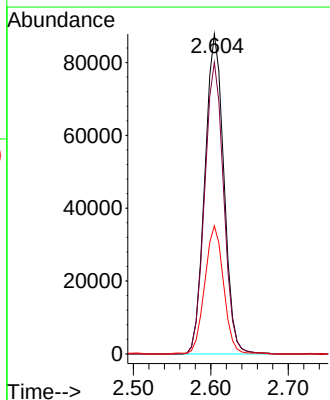
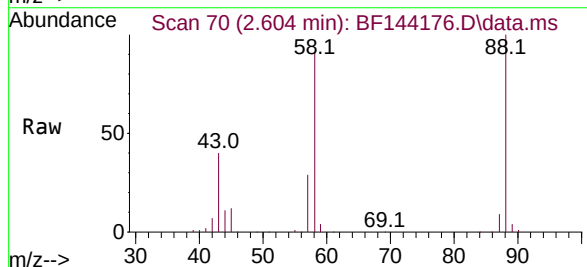
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

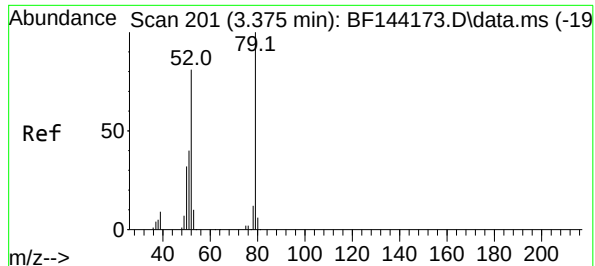
Tgt Ion:152 Resp: 69287
Ion Ratio Lower Upper
152 100
150 163.4 127.4 191.0
115 57.8 49.5 74.3



#2
1,4-Dioxane
Concen: 81.770 ng
RT: 2.604 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion: 88 Resp: 149682
Ion Ratio Lower Upper
88 100
58 91.2 73.1 109.7
43 39.7 31.0 46.6





#3

Pyridine

Concen: 83.719 ng

RT: 3.375 min Scan# 201

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

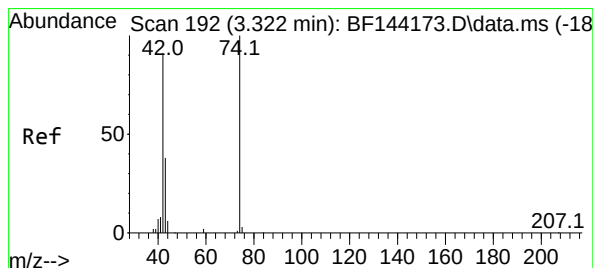
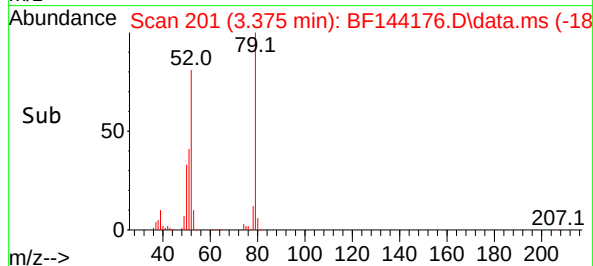
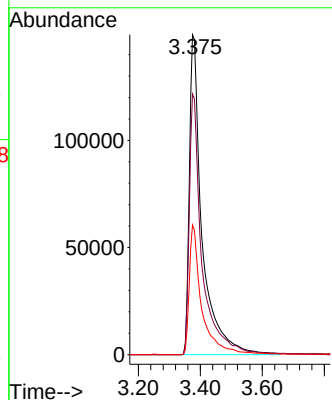
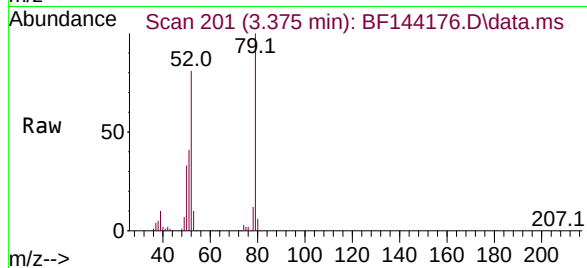
BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 79 Resp: 427549

Ion	Ratio	Lower	Upper
79	100		
52	81.5	64.5	96.7
51	40.5	31.7	47.5



#4

n-Nitrosodimethylamine

Concen: 84.122 ng

RT: 3.346 min Scan# 196

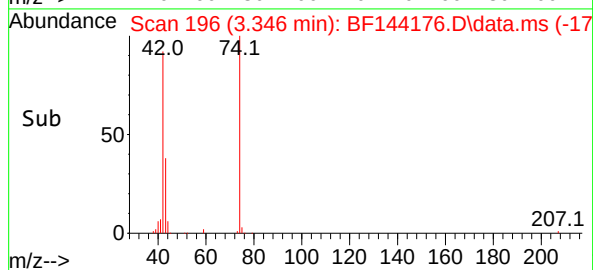
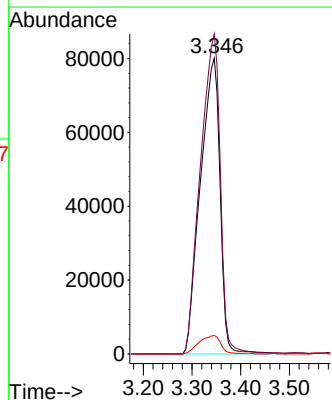
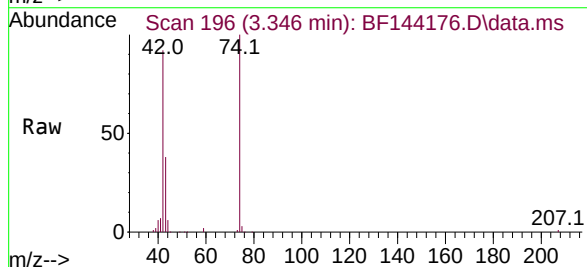
Delta R.T. 0.000 min

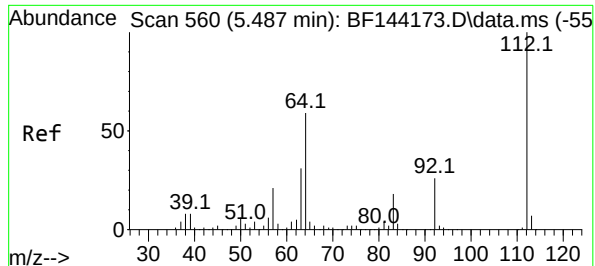
Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Tgt Ion: 42 Resp: 224403

Ion	Ratio	Lower	Upper
42	100		
74	108.2	88.2	132.4
44	6.2	5.7	8.5

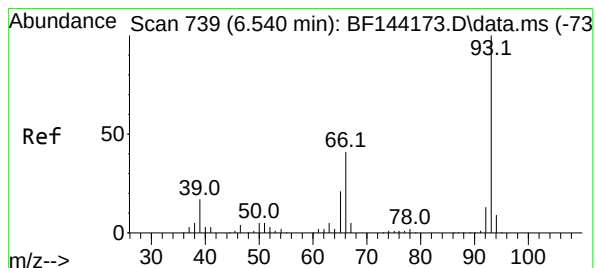
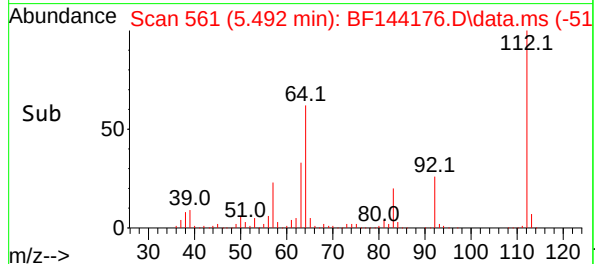
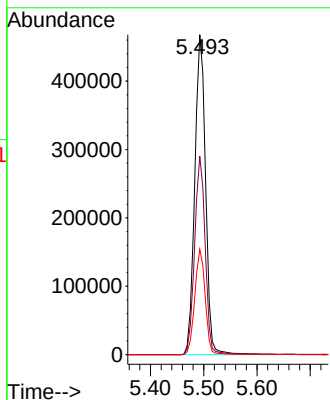
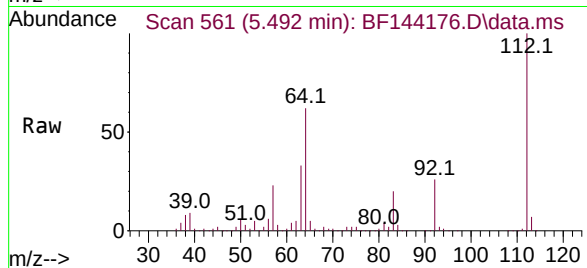




#5
2-Fluorophenol
Concen: 149.317 ng
RT: 5.492 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

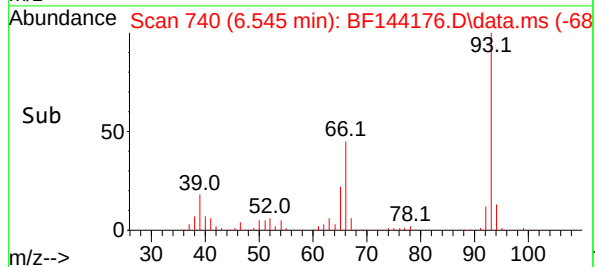
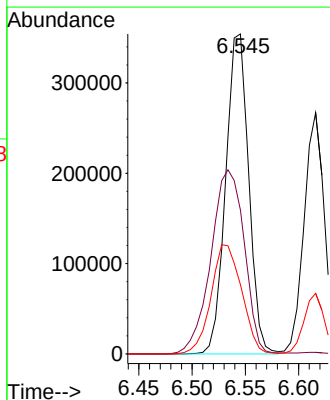
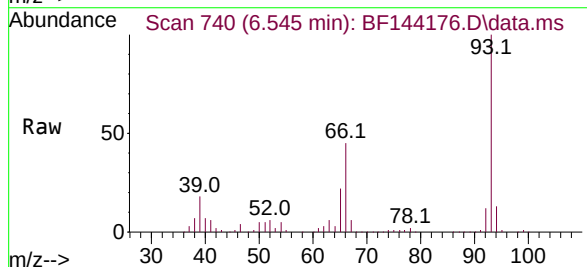
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

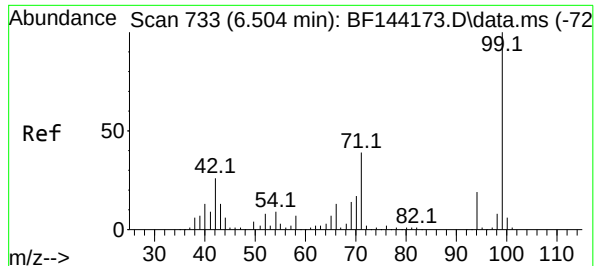
Tgt Ion:112 Resp: 661124
Ion Ratio Lower Upper
112 100
64 62.0 47.2 70.8
63 32.9 24.4 36.6



#6
Aniline
Concen: 74.439 ng
RT: 6.545 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion: 93 Resp: 532078
Ion Ratio Lower Upper
93 100
66 44.9 34.3 51.5
65 21.6 16.9 25.3

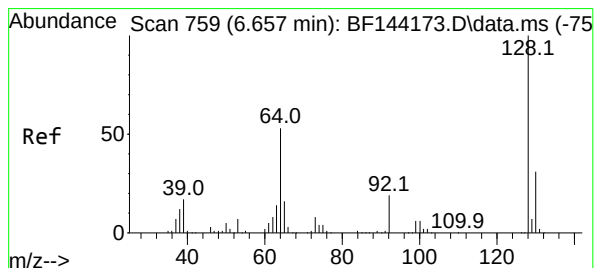
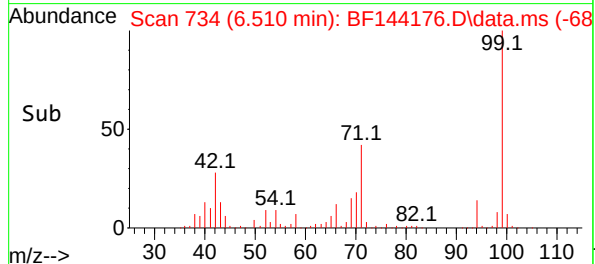
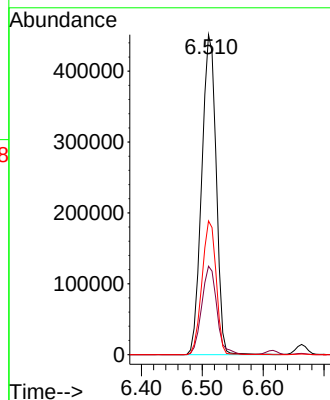
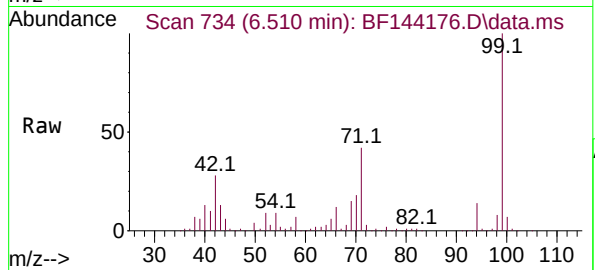




#7
Phenol-d6
Concen: 147.919 ng
RT: 6.510 min Scan# 734
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

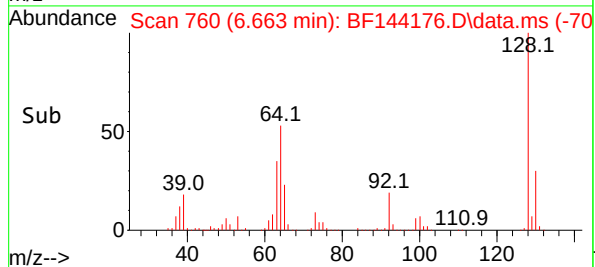
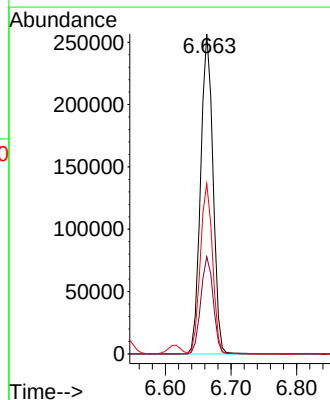
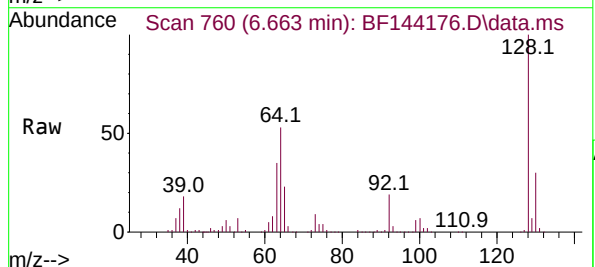
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

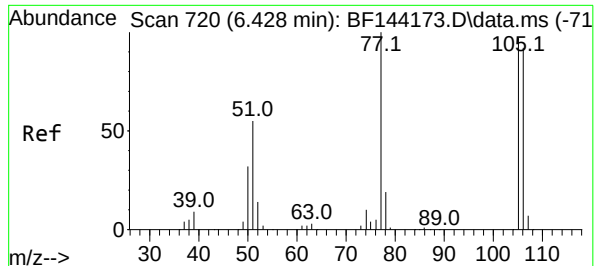
Tgt Ion: 99 Resp: 742089
Ion Ratio Lower Upper
99 100
42 27.6 20.9 31.3
71 41.8 31.4 47.2



#8
2-Chlorophenol
Concen: 76.859 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion: 128 Resp: 333730
Ion Ratio Lower Upper
128 100
130 30.4 10.5 50.5
64 53.2 33.2 73.2





#9

Benzaldehyde

Concen: 66.820 ng

RT: 6.428 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

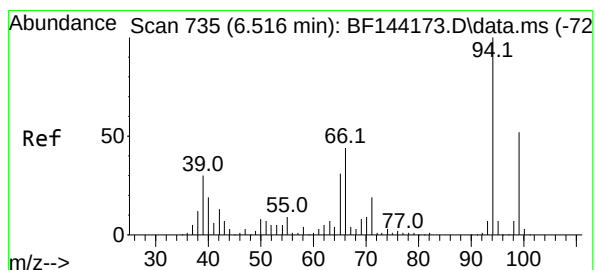
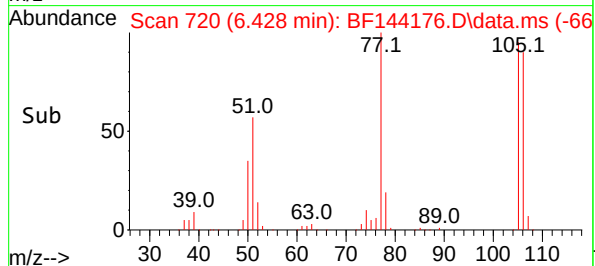
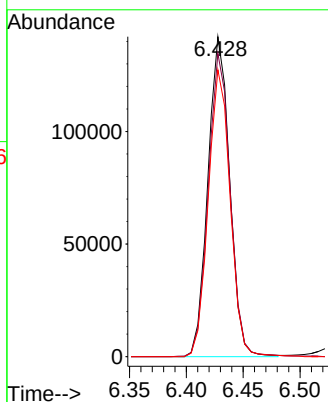
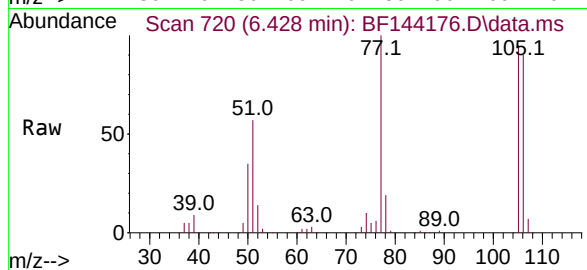
Tgt Ion: 77 Resp: 189297

Ion Ratio Lower Upper

77 100

105 94.7 77.2 117.2

106 89.6 72.2 112.2



#10

Phenol

Concen: 72.080 ng

RT: 6.528 min Scan# 737

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

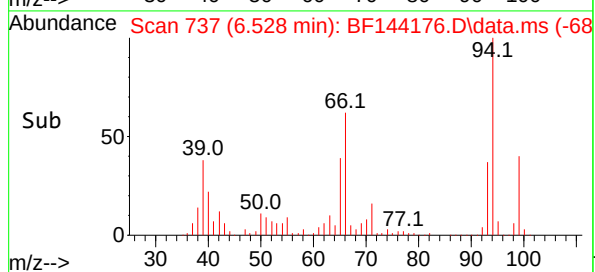
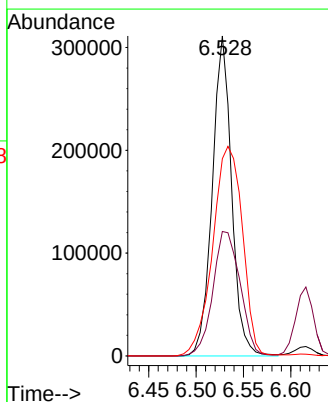
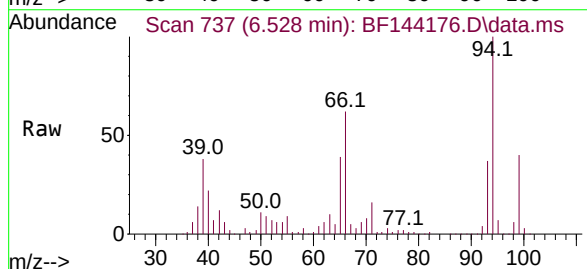
Tgt Ion: 94 Resp: 441818

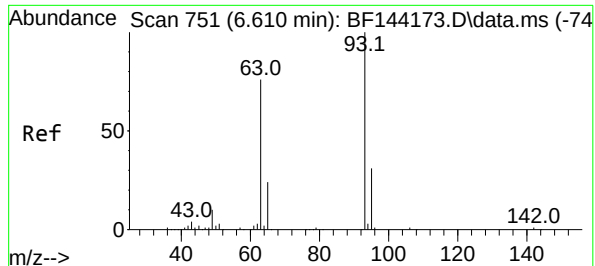
Ion Ratio Lower Upper

94 100

65 38.9 10.8 50.8

66 61.6 24.3 64.3





#11

bis(2-Chloroethyl)ether

Concen: 78.104 ng

RT: 6.616 min Scan# 751

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

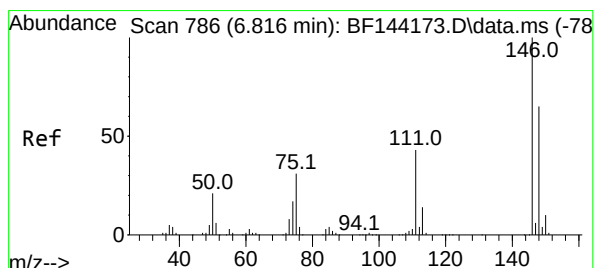
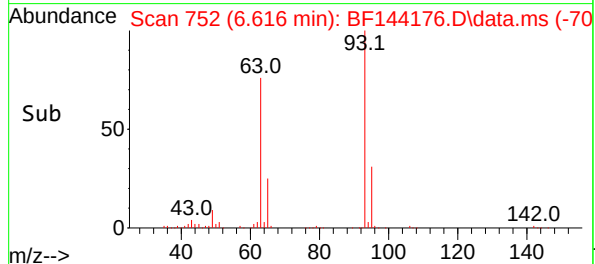
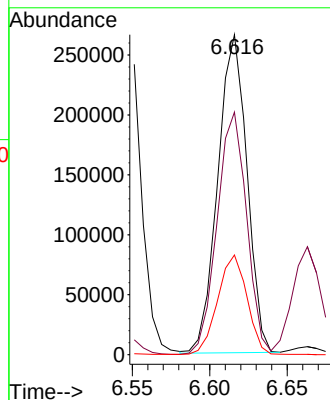
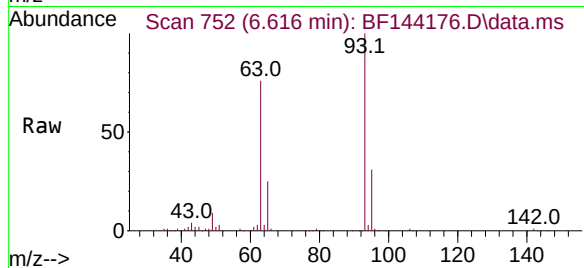
Tgt Ion: 93 Resp: 348844

Ion Ratio Lower Upper

93 100

63 75.8 55.2 95.2

95 31.1 11.2 51.2



#12

1,3-Dichlorobenzene

Concen: 75.913 ng

RT: 6.816 min Scan# 786

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

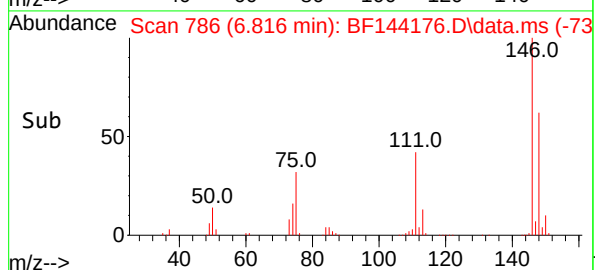
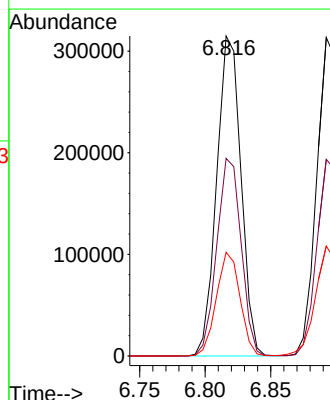
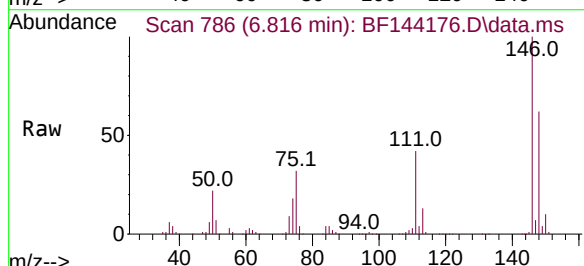
Tgt Ion: 146 Resp: 406743

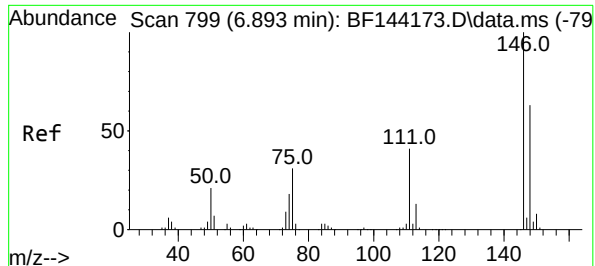
Ion Ratio Lower Upper

146 100

148 61.7 51.8 77.8

75 32.4 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 75.597 ng

RT: 6.892 min Scan# 799

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

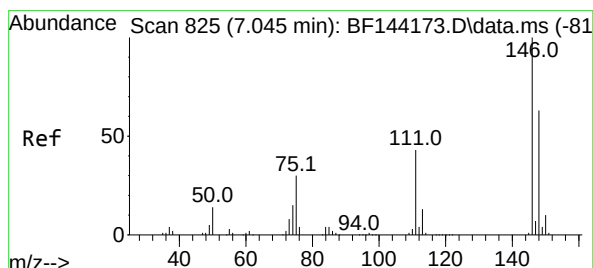
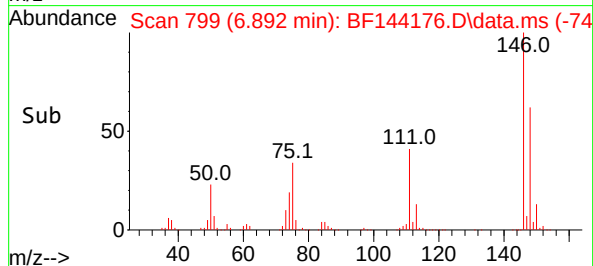
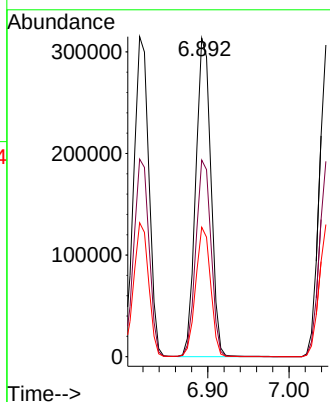
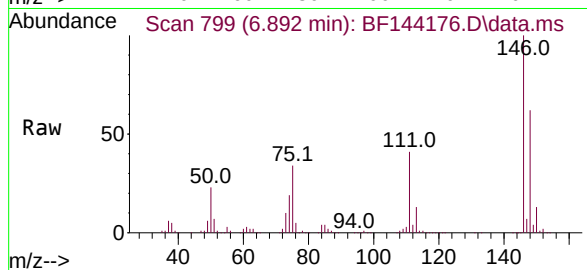
Tgt Ion:146 Resp: 405797

Ion Ratio Lower Upper

146 100

148 61.7 50.2 75.2

111 40.6 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 75.617 ng

RT: 7.045 min Scan# 825

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

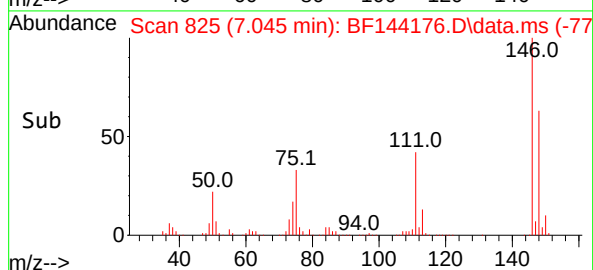
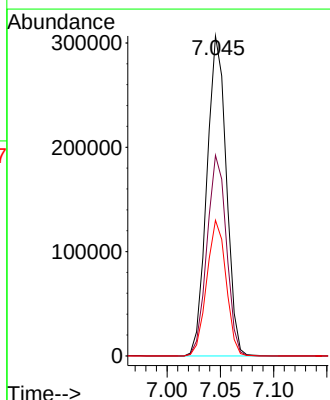
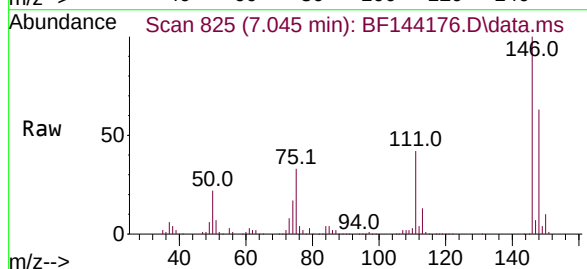
Tgt Ion:146 Resp: 389053

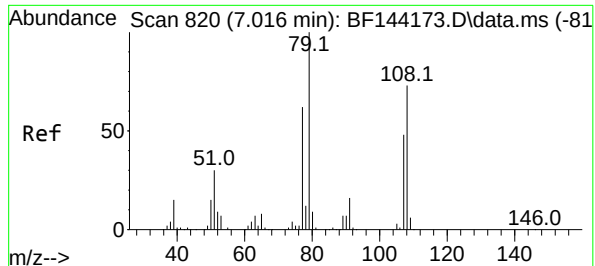
Ion Ratio Lower Upper

146 100

148 62.7 50.7 76.1

111 42.4 34.2 51.4

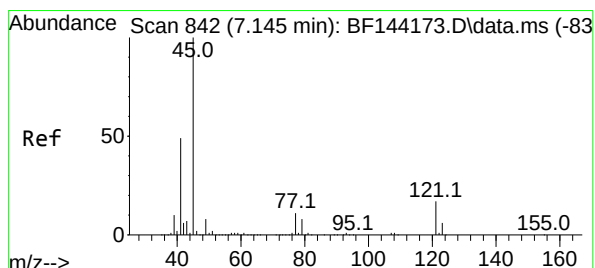
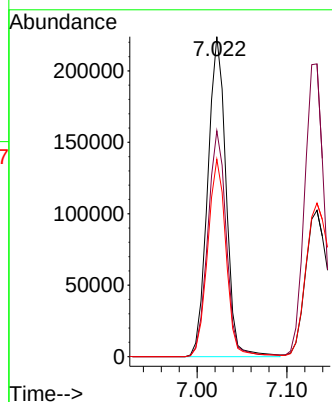
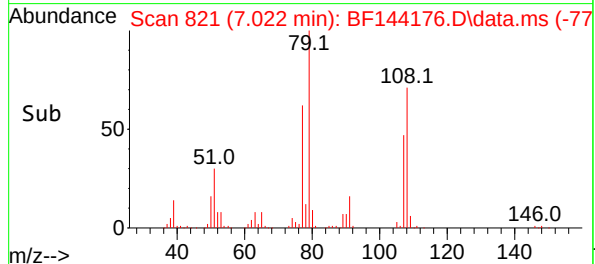
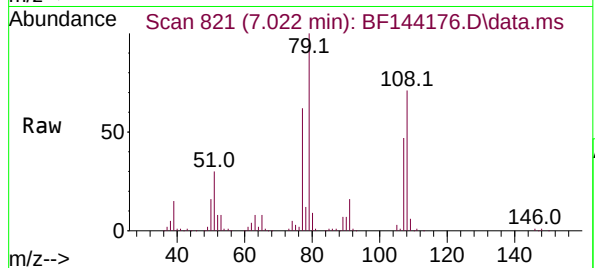




#15
Benzyl Alcohol
Concen: 79.866 ng
RT: 7.022 min Scan# 821
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

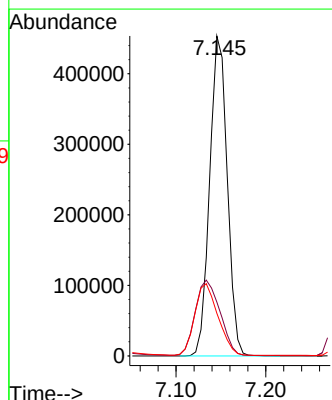
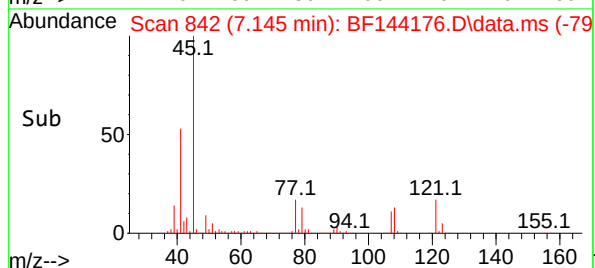
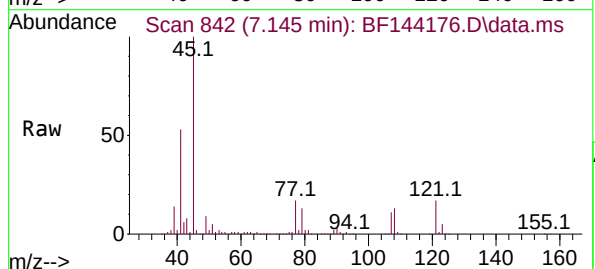
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

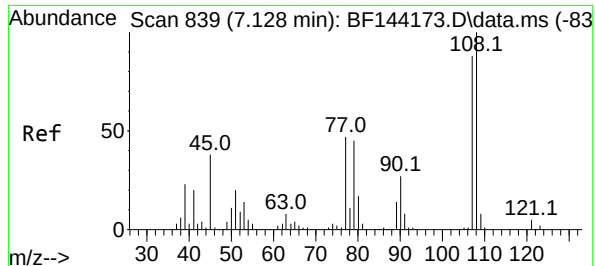
Tgt Ion: 79 Resp: 317271
Ion Ratio Lower Upper
79 100
108 70.6 58.2 87.4
77 61.7 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 75.396 ng
RT: 7.145 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion: 45 Resp: 620126
Ion Ratio Lower Upper
45 100
77 16.8 0.0 31.8
79 13.3 0.0 29.1

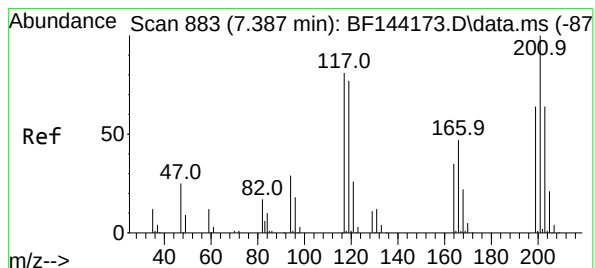
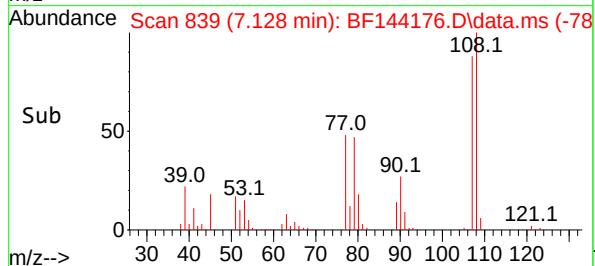
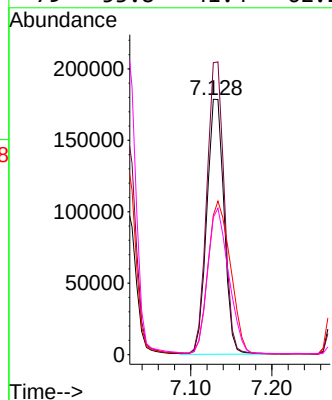
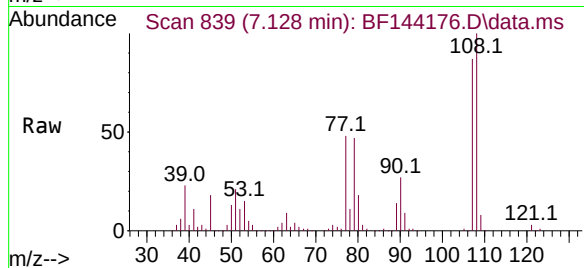




#17
2-Methylphenol
Concen: 76.865 ng
RT: 7.128 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

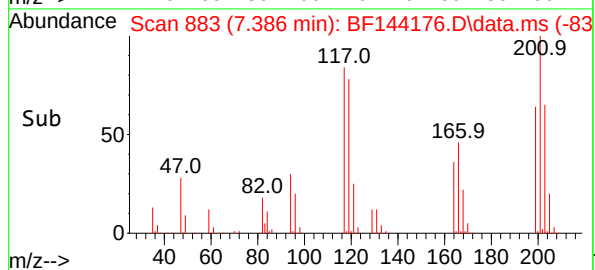
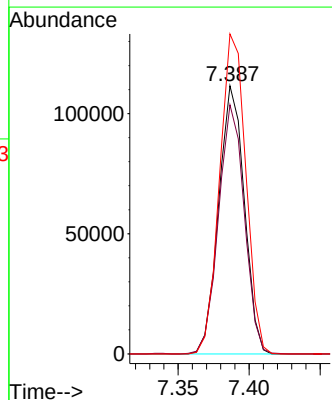
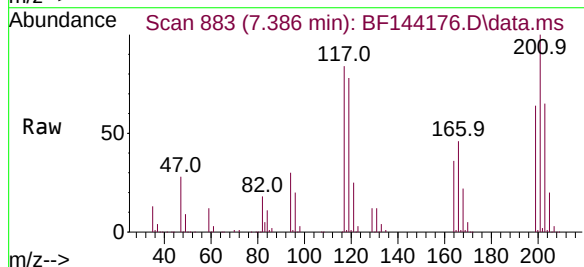
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

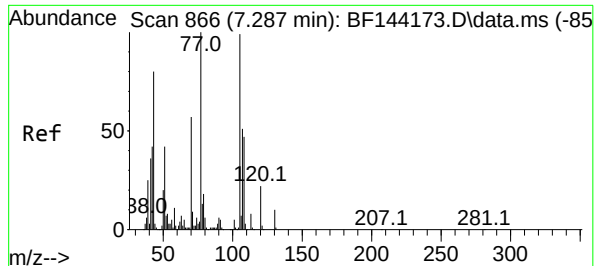
Tgt Ion:	107	Resp:	265517
Ion	Ratio	Lower	Upper
107	100		
108	114.4	91.0	136.4
77	54.6	42.7	64.1
79	53.8	41.4	62.2



#18
Hexachloroethane
Concen: 78.387 ng
RT: 7.386 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:	117	Resp:	139795
Ion	Ratio	Lower	Upper
117	100		
119	92.9	75.8	113.8
201	119.4	98.9	148.3





#19

n-Nitroso-di-n-propylamine

Concen: 75.502 ng

RT: 7.298 min Scan# 868

Delta R.T. 0.000 min

Lab File: BF144176.D

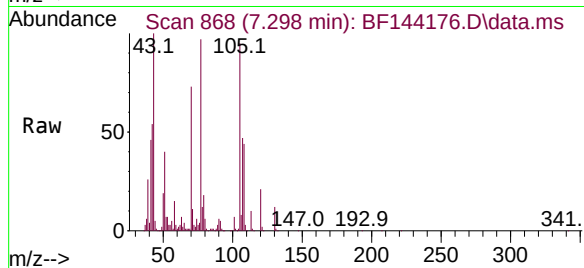
Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion: 70 Resp: 249355

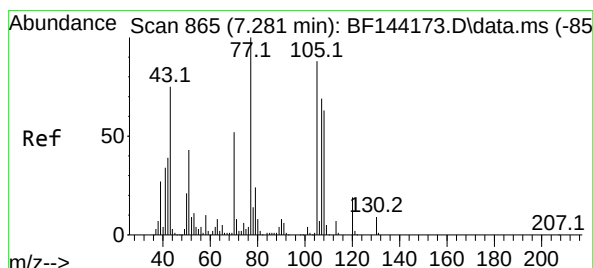
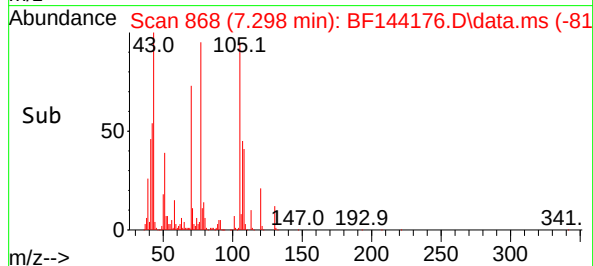
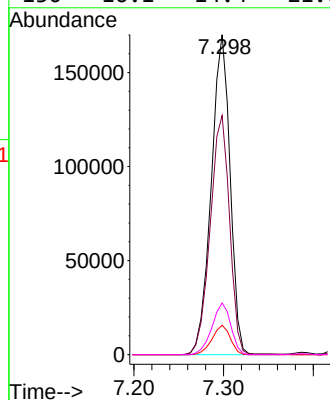
Ion Ratio Lower Upper

70 100

42 74.7 58.3 87.5

101 9.2 7.0 10.6

130 16.1 14.4 21.6



#20

3+4-Methylphenols

Concen: 73.473 ng

RT: 7.287 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Tgt Ion: 107 Resp: 299182

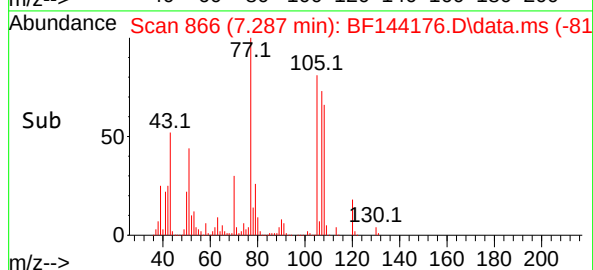
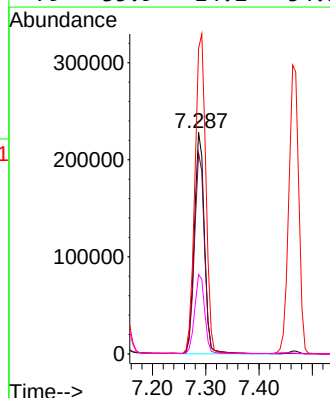
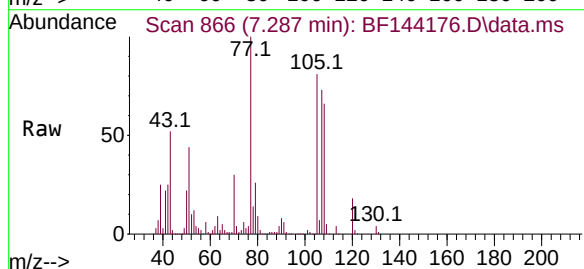
Ion Ratio Lower Upper

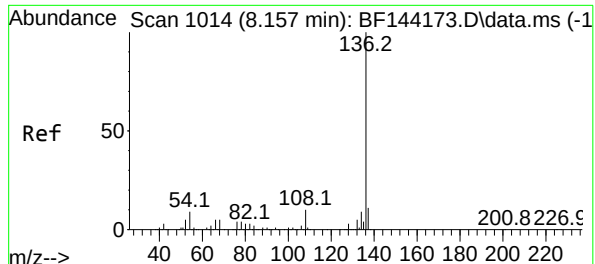
107 100

108 90.6 70.2 110.2

77 137.9 123.9 163.9

79 35.9 14.2 54.2

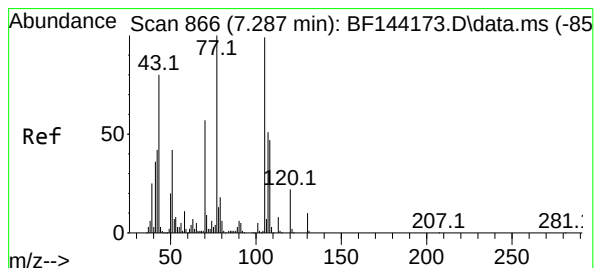
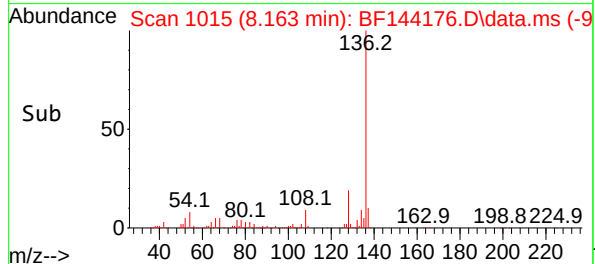
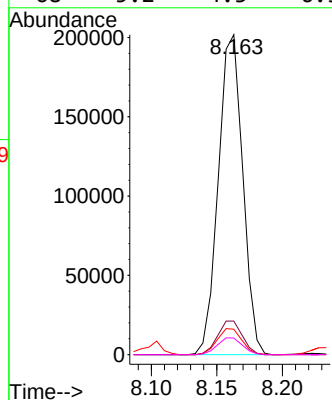
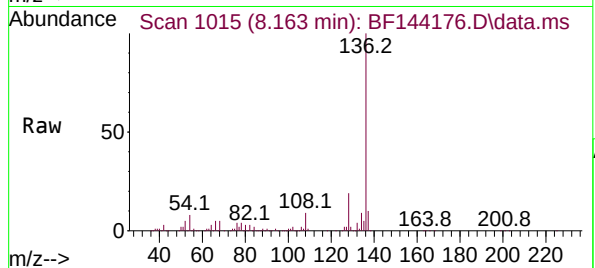




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

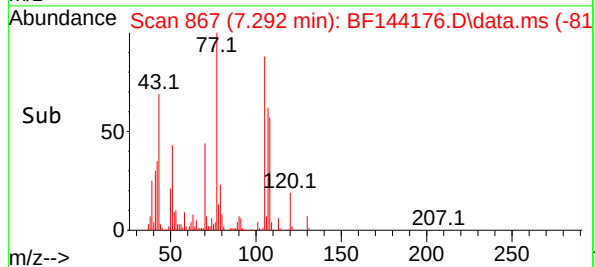
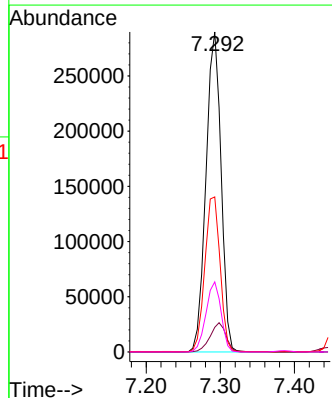
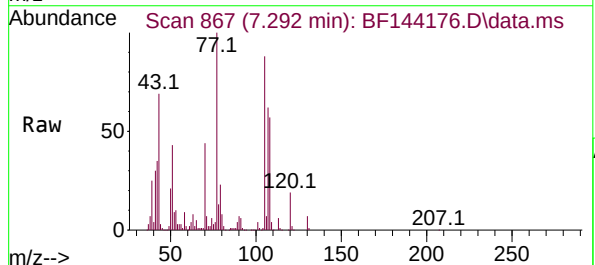
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

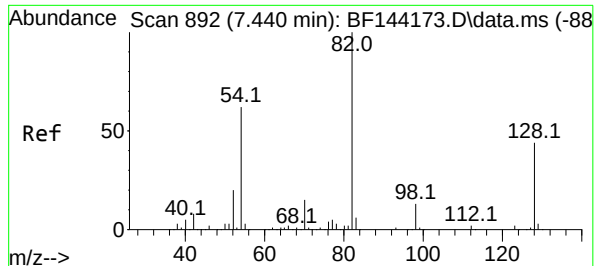
Tgt Ion:136 Resp: 261584
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 7.9 7.0 10.6
68 5.2 4.3 6.5



#22
Acetophenone
Concen: 72.994 ng
RT: 7.292 min Scan# 867
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:105 Resp: 409610
Ion Ratio Lower Upper
105 100
71 7.7 7.2 10.8
51 48.4 34.0 51.0
120 21.9 17.8 26.6





#23

Nitrobenzene-d5

Concen: 156.207 ng

RT: 7.445 min Scan# 89

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

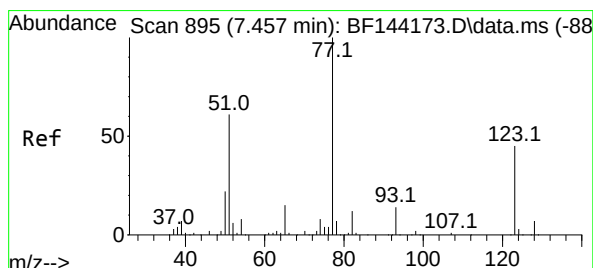
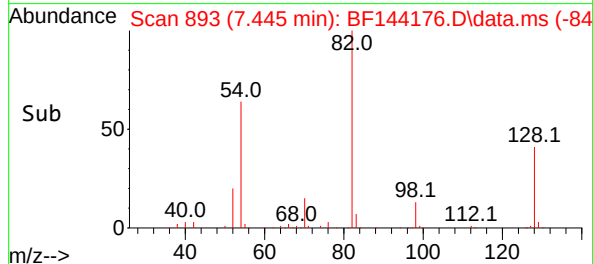
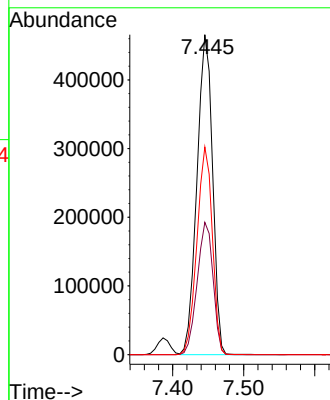
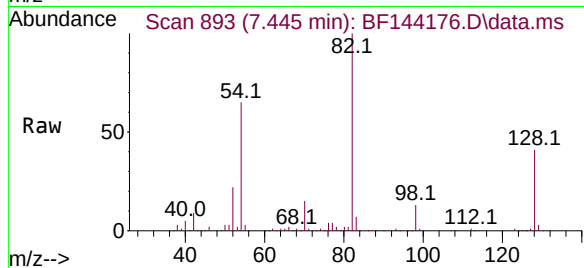
Tgt Ion: 82 Resp: 707494

Ion Ratio Lower Upper

82 100

128 41.3 34.7 52.1

54 64.9 49.5 74.3



#24

Nitrobenzene

Concen: 78.328 ng

RT: 7.463 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

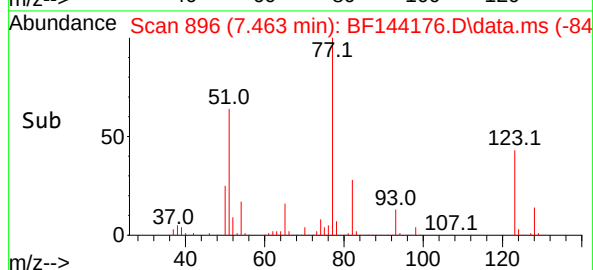
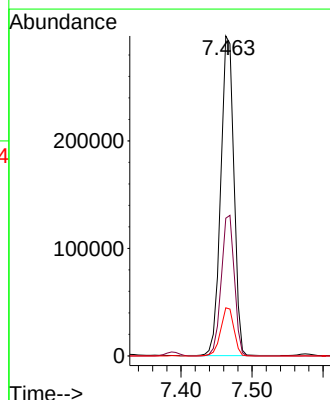
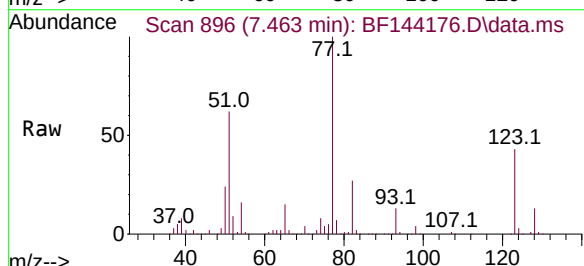
Tgt Ion: 77 Resp: 385188

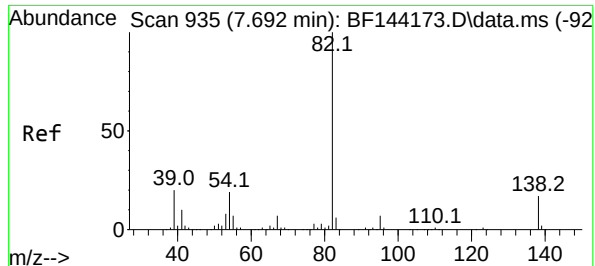
Ion Ratio Lower Upper

77 100

123 43.0 35.8 53.8

65 15.0 12.2 18.2

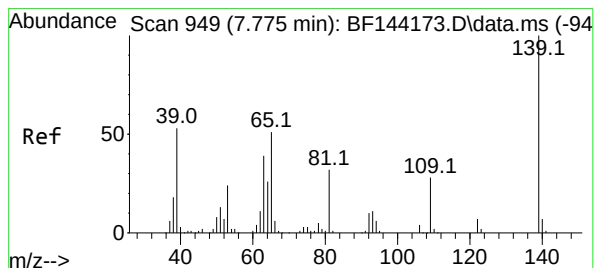
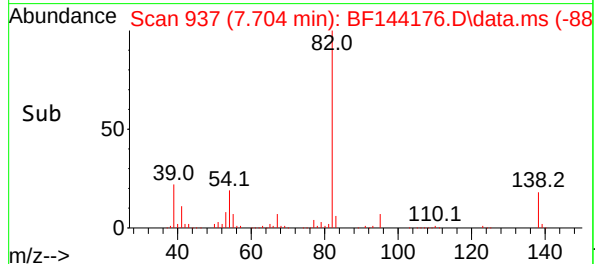
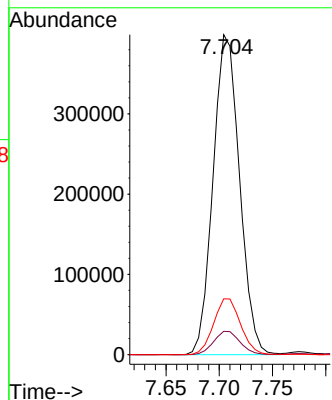
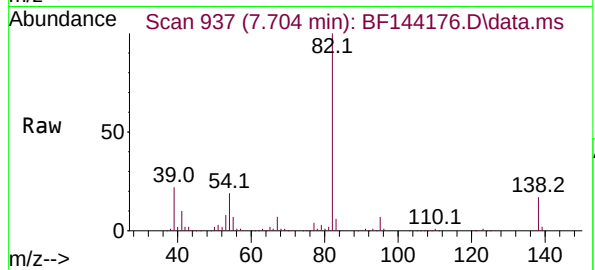




#25
Isophorone
Concen: 80.522 ng
RT: 7.704 min Scan# 937
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

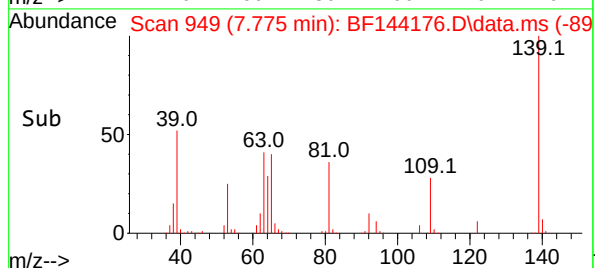
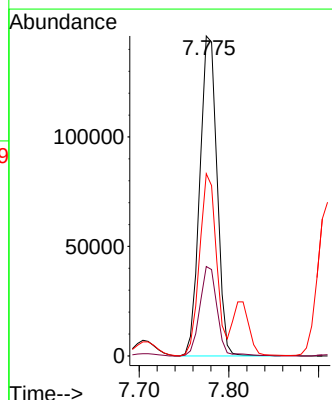
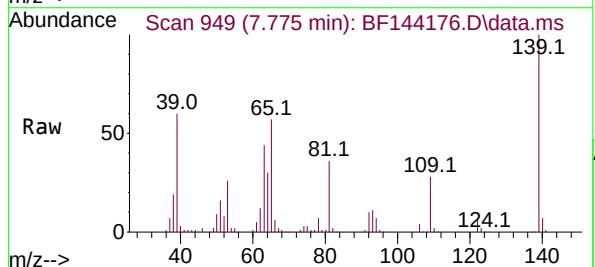
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

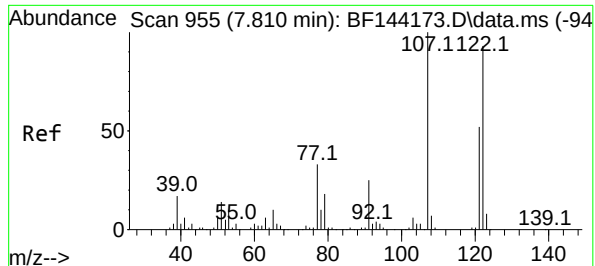
Tgt Ion: 82 Resp: 689837
Ion Ratio Lower Upper
82 100
95 7.3 5.5 8.3
138 17.4 13.7 20.5



#26
2-Nitrophenol
Concen: 80.050 ng
RT: 7.775 min Scan# 949
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion: 139 Resp: 194869
Ion Ratio Lower Upper
139 100
109 27.9 22.2 33.2
65 56.9 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 78.826 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

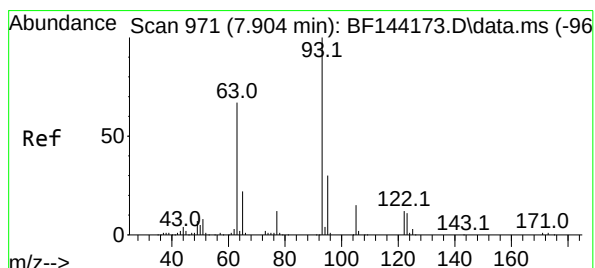
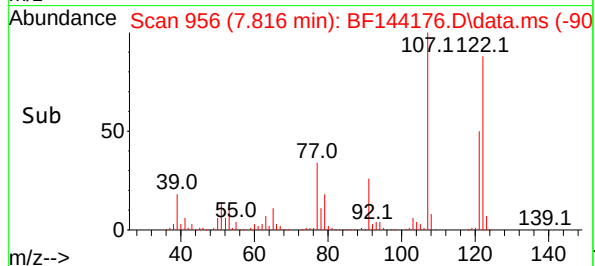
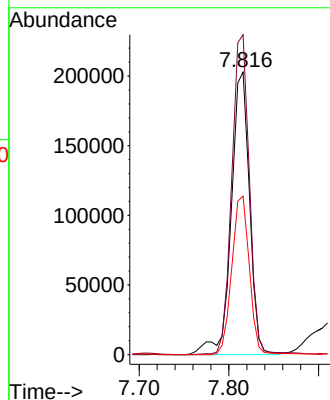
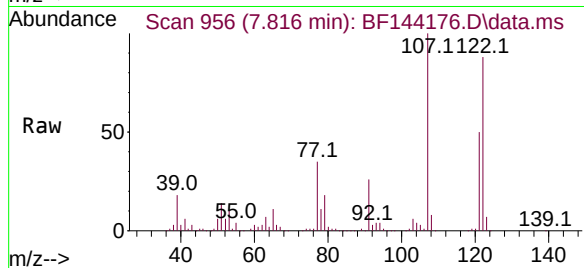
Tgt Ion:122 Resp: 287607

Ion Ratio Lower Upper

122 100

107 113.2 86.2 129.4

121 56.1 44.6 66.8



#28

bis(2-Chloroethoxy)methane

Concen: 76.234 ng

RT: 7.910 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

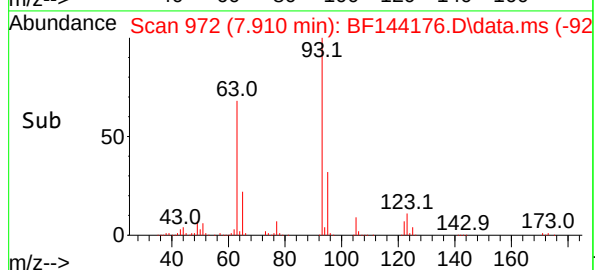
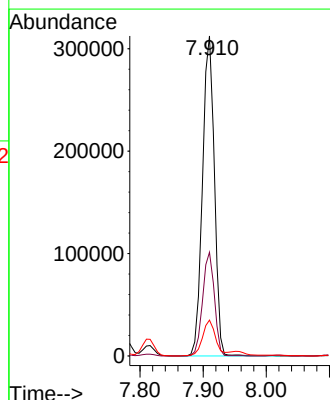
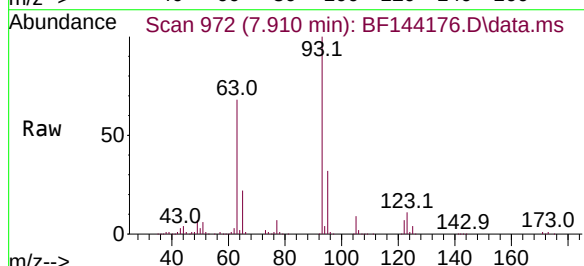
Tgt Ion: 93 Resp: 407835

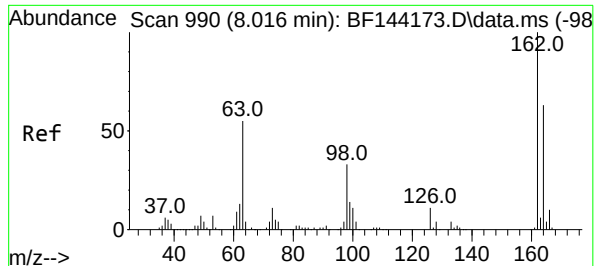
Ion Ratio Lower Upper

93 100

95 32.4 24.2 36.4

123 11.2 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 74.016 ng

RT: 8.022 min Scan# 99

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

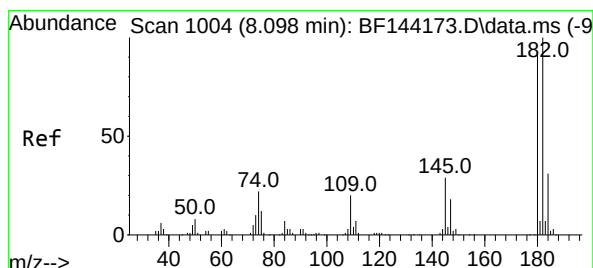
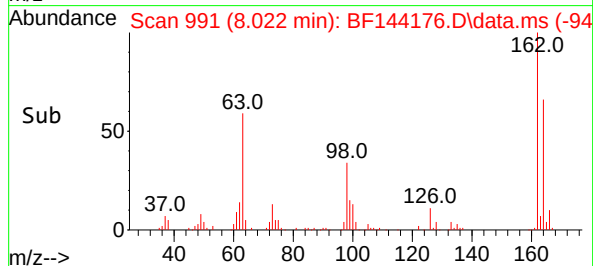
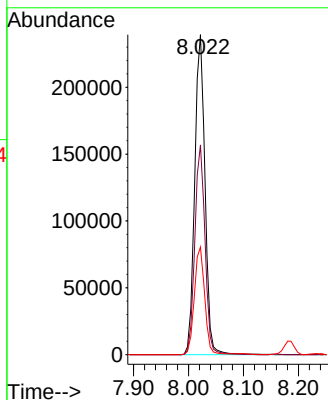
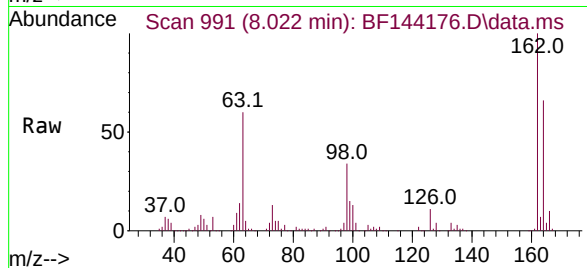
Tgt Ion:162 Resp: 311260

Ion Ratio Lower Upper

162 100

164 65.5 42.9 82.9

98 33.6 13.3 53.3



#30

1,2,4-Trichlorobenzene

Concen: 75.604 ng

RT: 8.098 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

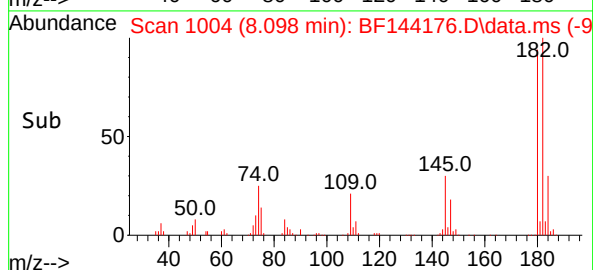
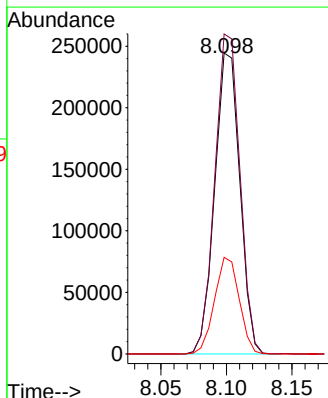
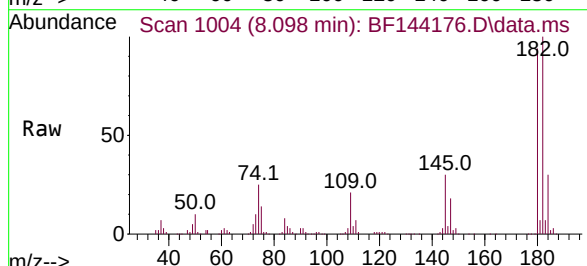
Tgt Ion:180 Resp: 326475

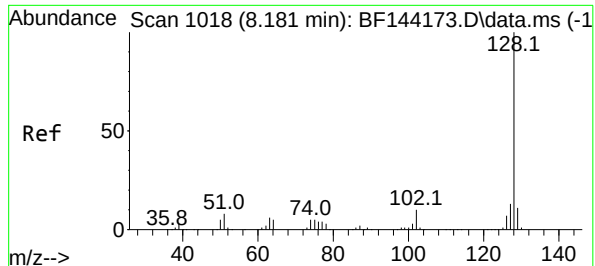
Ion Ratio Lower Upper

180 100

182 106.3 87.7 131.5

145 32.1 25.4 38.0

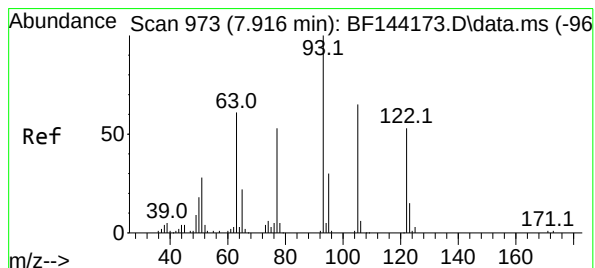
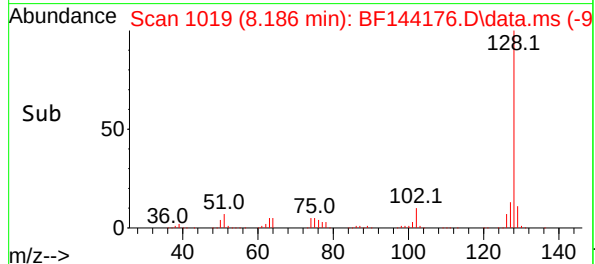
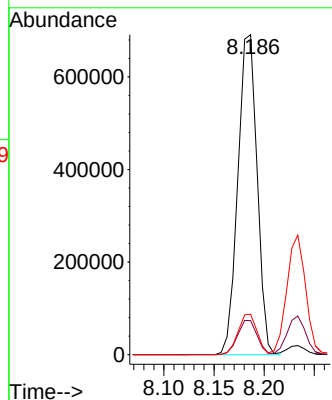
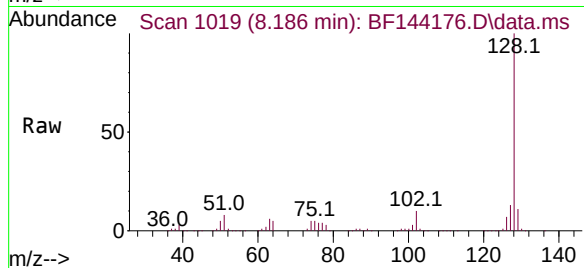




#31
Naphthalene
Concen: 73.994 ng
RT: 8.186 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

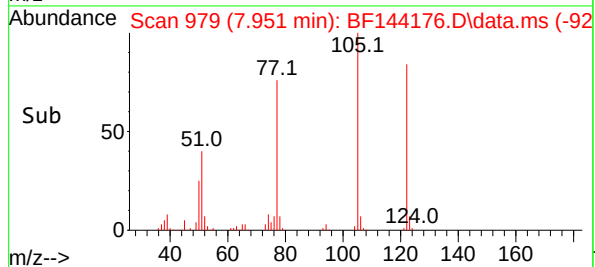
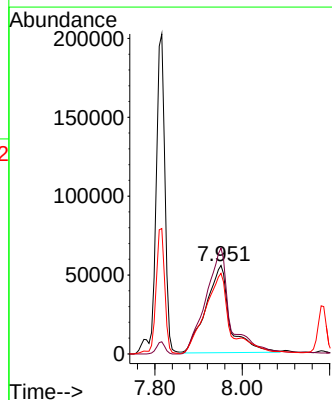
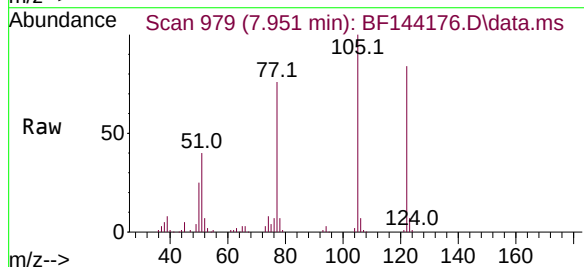
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

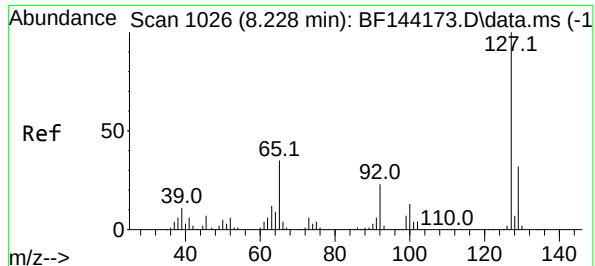
Tgt Ion:128 Resp: 920731
Ion Ratio Lower Upper
128 100
129 10.6 8.9 13.3
127 12.6 10.3 15.5



#32
Benzoic acid
Concen: 79.777 ng
RT: 7.951 min Scan# 979
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:122 Resp: 213364
Ion Ratio Lower Upper
122 100
105 119.6 99.9 139.9
77 91.1 77.5 117.5

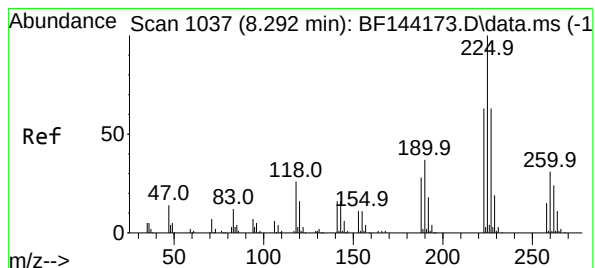
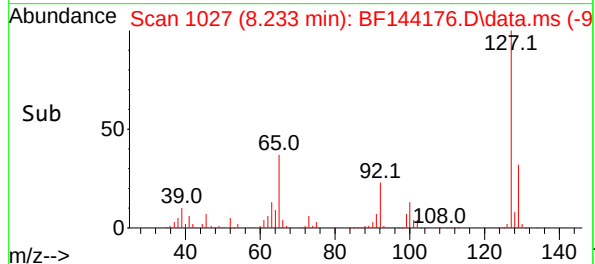
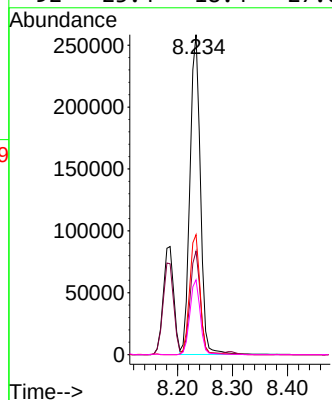
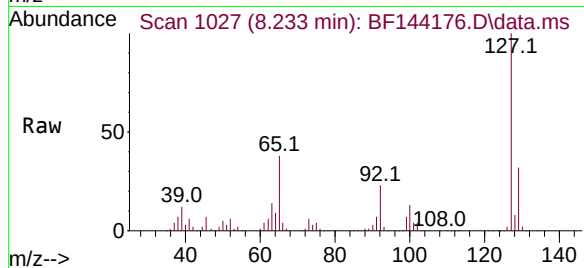




#33
4-Chloroaniline
Concen: 75.146 ng
RT: 8.233 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

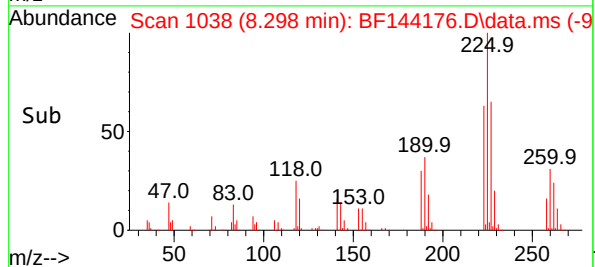
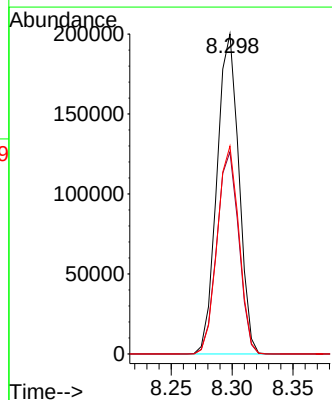
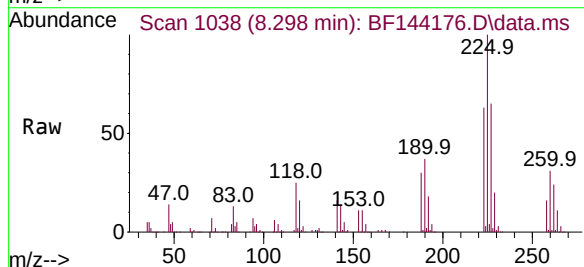
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

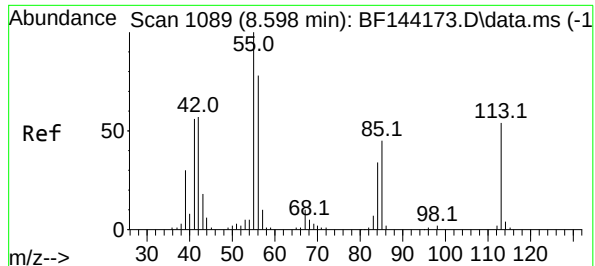
Tgt Ion:	127	Resp:	341033
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.3	37.9
65	37.5	27.6	41.4
92	23.4	18.4	27.6



#34
Hexachlorobutadiene
Concen: 76.645 ng
RT: 8.298 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:	225	Resp:	249435
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.2	75.4
227	64.9	50.1	75.1





#35

Caprolactam

Concen: 79.765 ng

RT: 8.622 min Scan# 1109

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

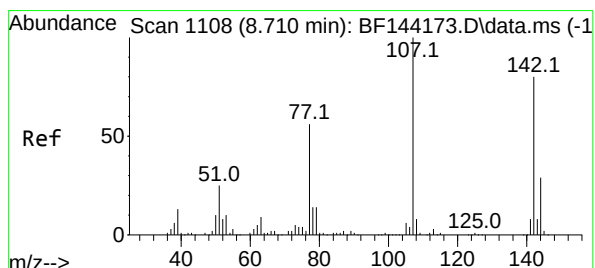
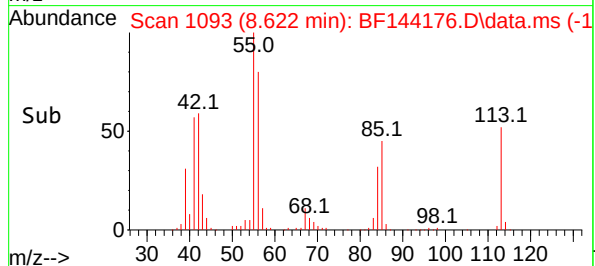
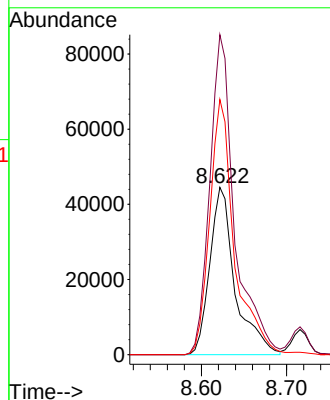
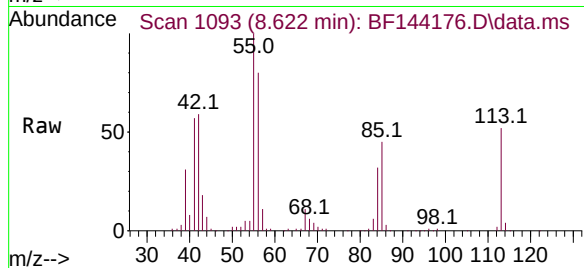
Tgt Ion:113 Resp: 91899

Ion Ratio Lower Upper

113 100

55 191.2 166.8 206.8

56 152.5 125.9 165.9



#36

4-Chloro-3-methylphenol

Concen: 76.969 ng

RT: 8.716 min Scan# 1109

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

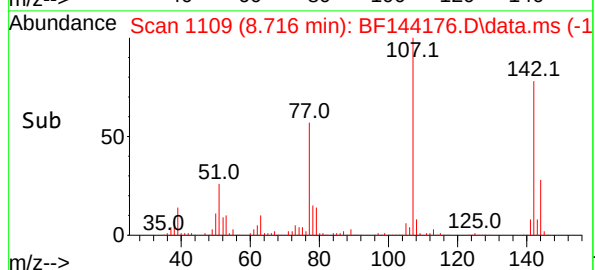
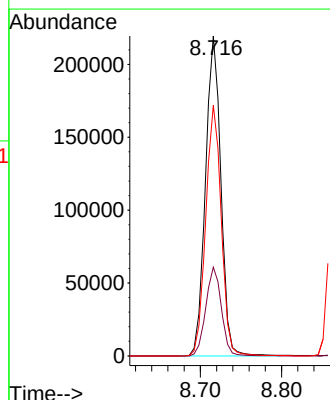
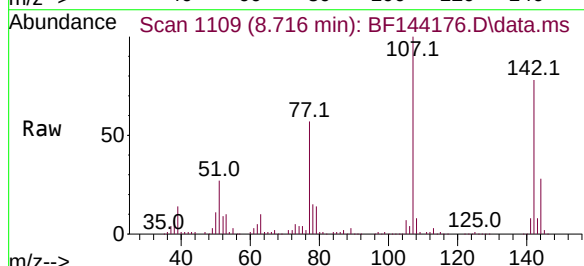
Tgt Ion:107 Resp: 290083

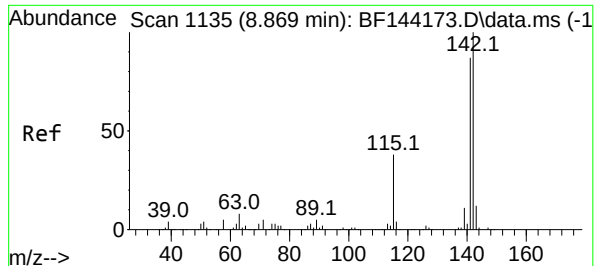
Ion Ratio Lower Upper

107 100

144 27.7 23.3 34.9

142 78.3 63.8 95.6





#37

2-Methylnaphthalene

Concen: 73.386 ng

RT: 8.875 min Scan# 1135

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

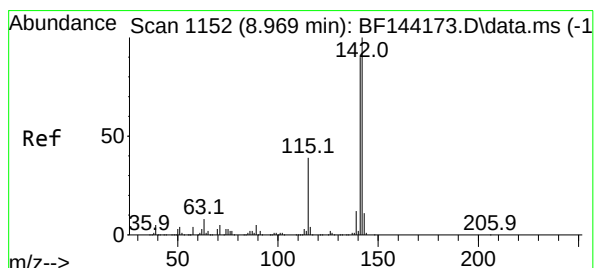
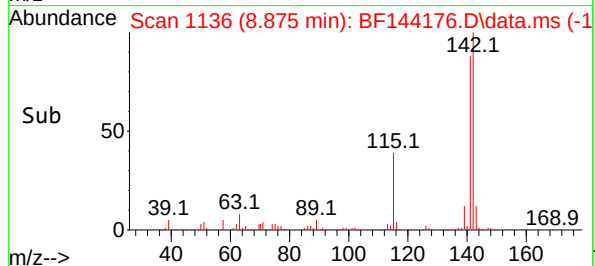
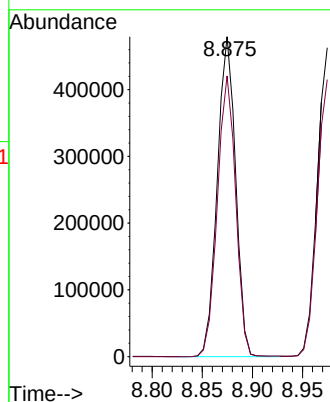
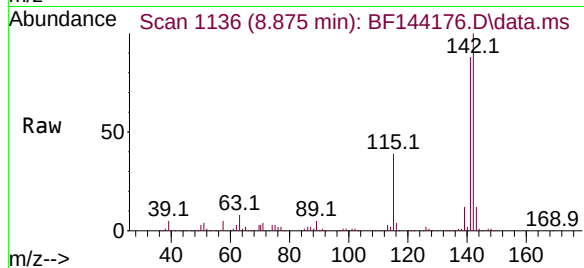
SSTDICC080

Tgt Ion:142 Resp: 610532

Ion Ratio Lower Upper

142 100

141 87.7 69.9 104.9



#38

1-Methylnaphthalene

Concen: 73.093 ng

RT: 8.975 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF144176.D

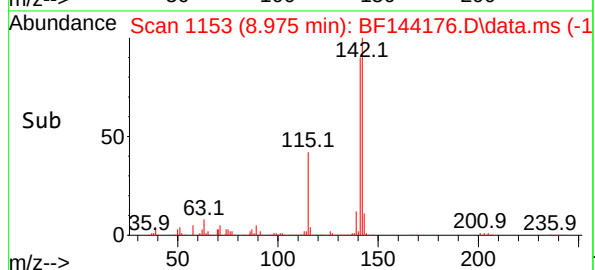
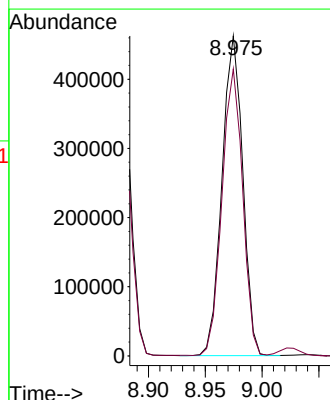
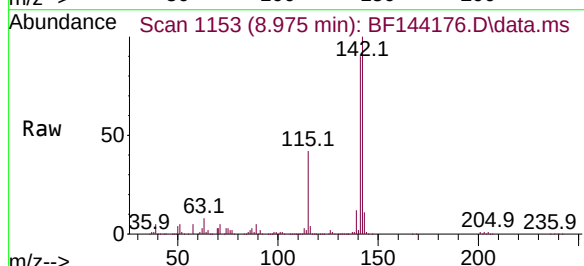
Acq: 05 Nov 2025 16:49

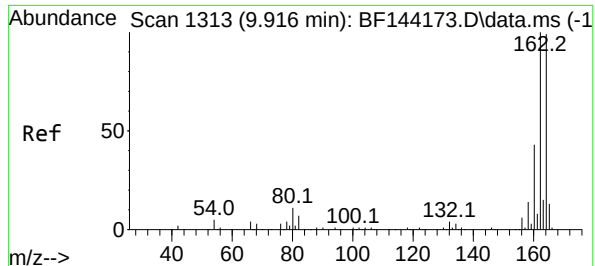
Tgt Ion:142 Resp: 586747

Ion Ratio Lower Upper

142 100

141 89.7 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

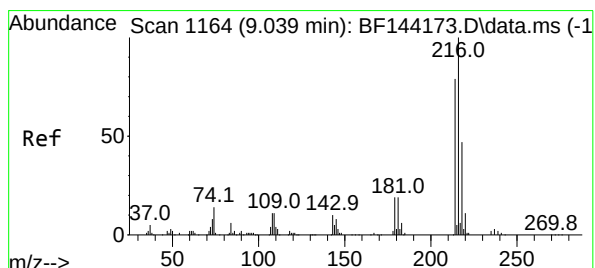
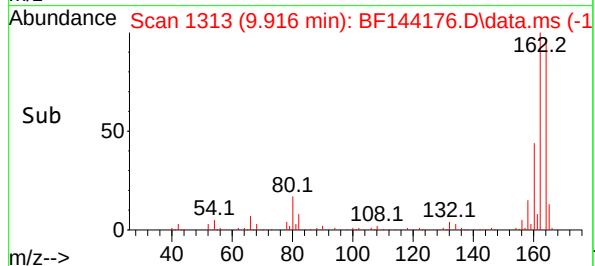
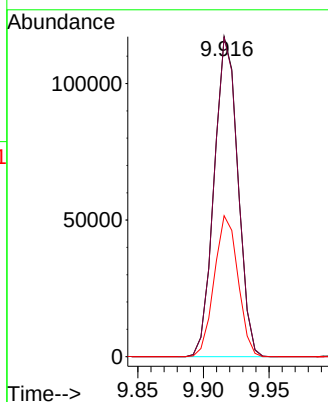
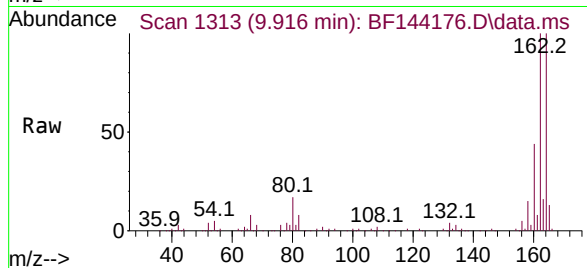
Tgt Ion:164 Resp: 147600

Ion Ratio Lower Upper

164 100

162 99.7 81.1 121.7

160 44.0 34.5 51.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 74.631 ng

RT: 9.039 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Tgt Ion:216 Resp: 361014

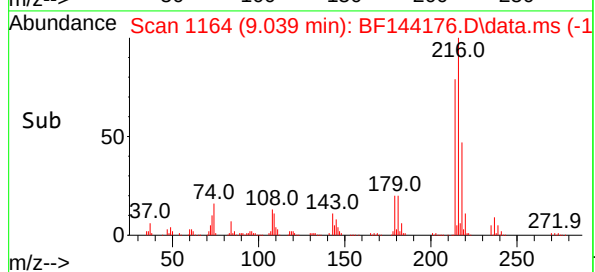
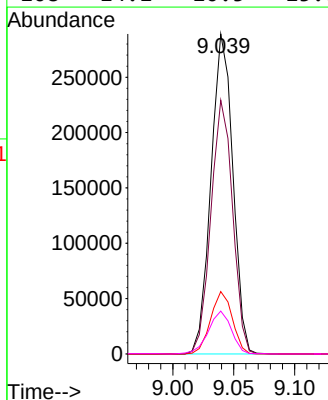
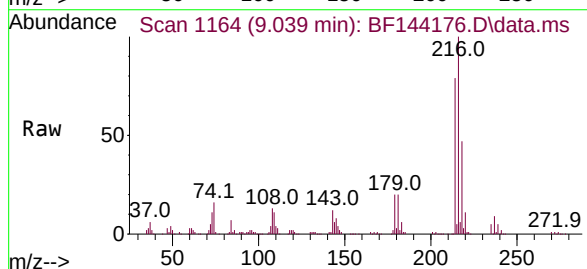
Ion Ratio Lower Upper

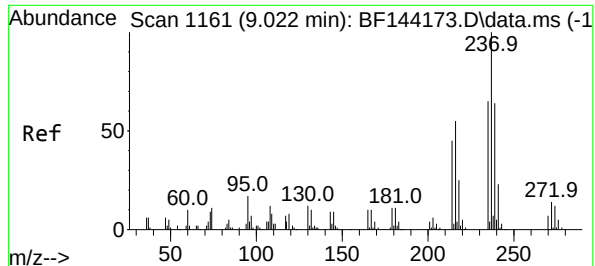
216 100

214 78.6 63.4 95.2

179 19.3 15.0 22.4

108 14.1 10.5 15.7

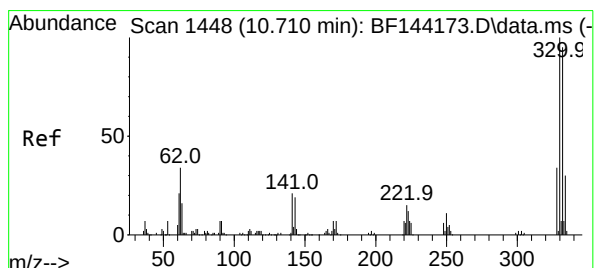
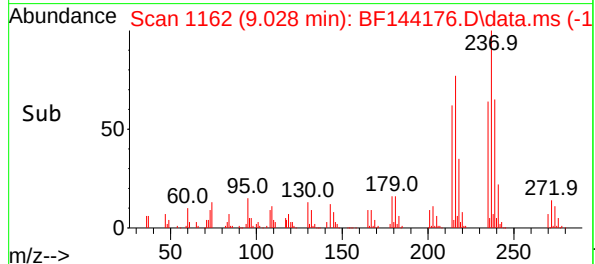
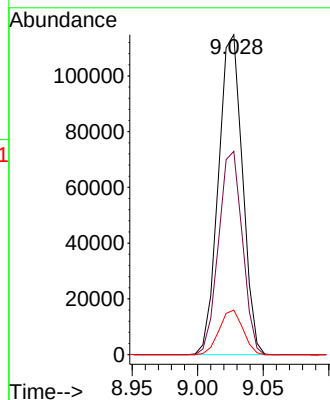
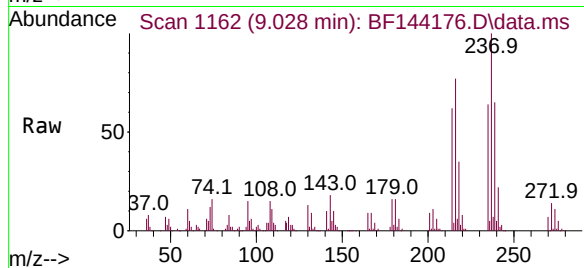




#41
Hexachlorocyclopentadiene
Concen: 78.238 ng
RT: 9.028 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

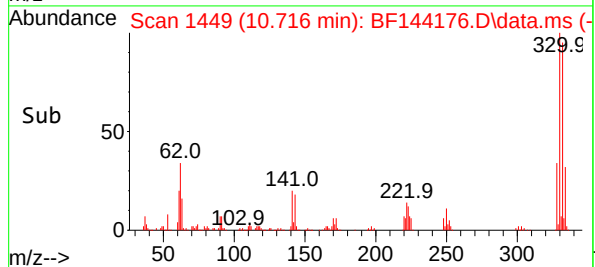
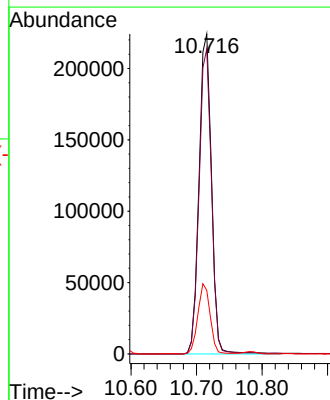
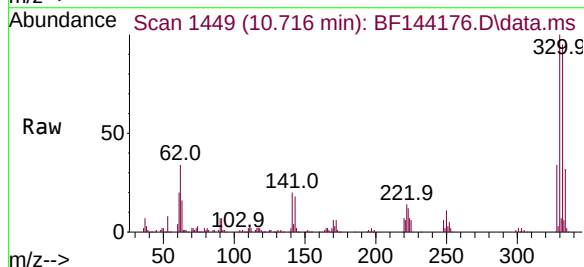
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

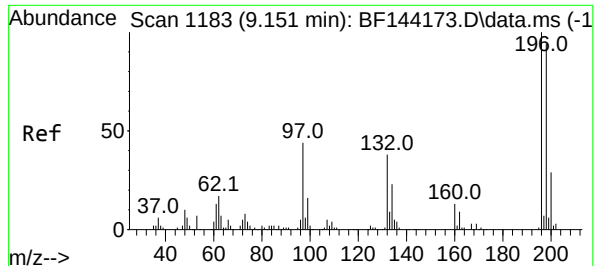
Tgt Ion:237 Resp: 146524
Ion Ratio Lower Upper
237 100
235 63.5 45.5 85.5
272 13.9 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 158.489 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:330 Resp: 293555
Ion Ratio Lower Upper
330 100
332 95.0 76.7 115.1
141 21.7 17.8 26.8





#43

2,4,6-Trichlorophenol

Concen: 77.355 ng

RT: 9.151 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF144176.D

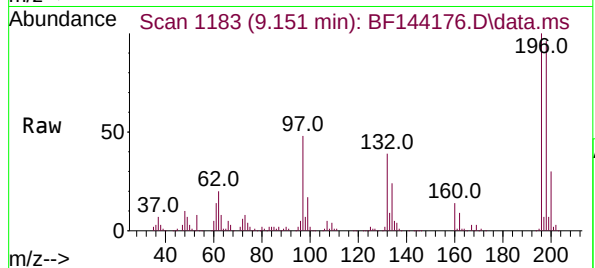
Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



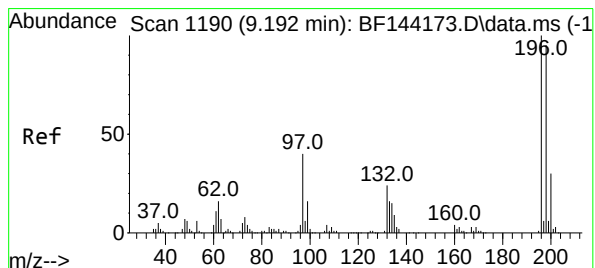
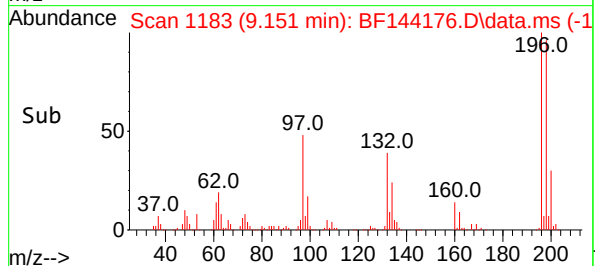
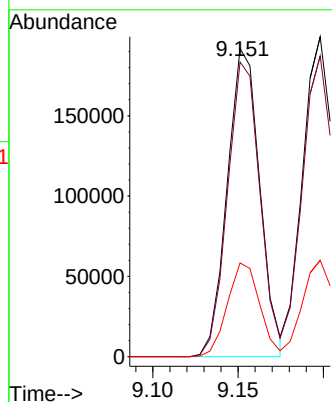
Tgt Ion:196 Resp: 254681

Ion Ratio Lower Upper

196 100

198 95.6 75.3 112.9

200 30.4 23.4 35.2



#44

2,4,5-Trichlorophenol

Concen: 75.791 ng

RT: 9.198 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Tgt Ion:196 Resp: 268940

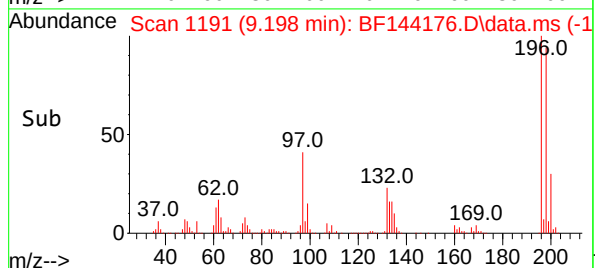
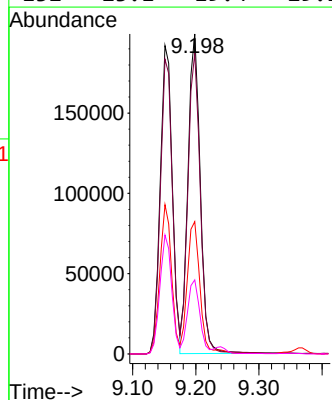
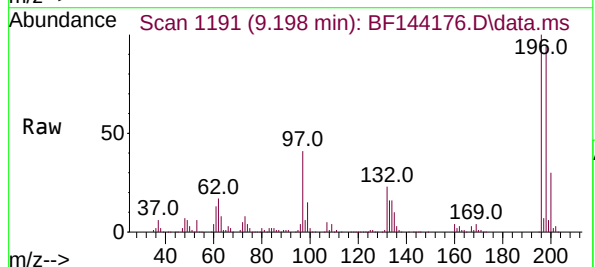
Ion Ratio Lower Upper

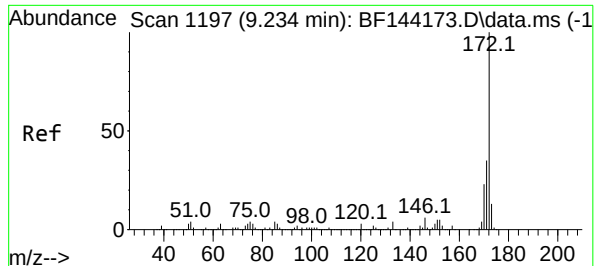
196 100

198 94.0 76.1 114.1

97 41.3 31.9 47.9

132 23.1 19.4 29.2





#45

2-Fluorobiphenyl

Concen: 139.809 ng

RT: 9.239 min Scan# 1197

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

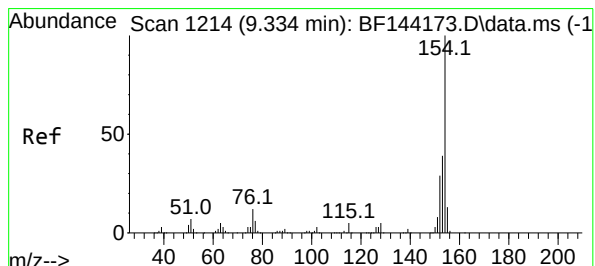
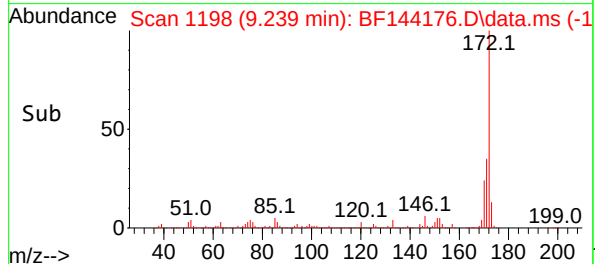
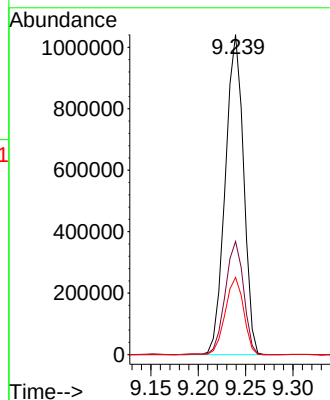
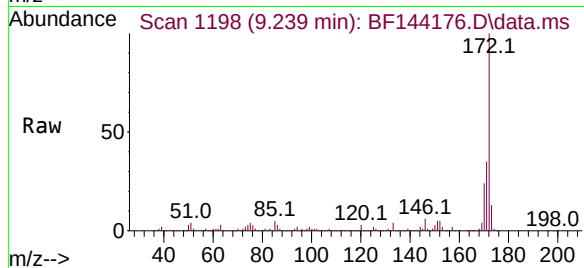
BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:172 Resp: 1397211

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.1	42.1
170	24.1	18.6	28.0



#46

1,1'-Biphenyl

Concen: 72.784 ng

RT: 9.339 min Scan# 1215

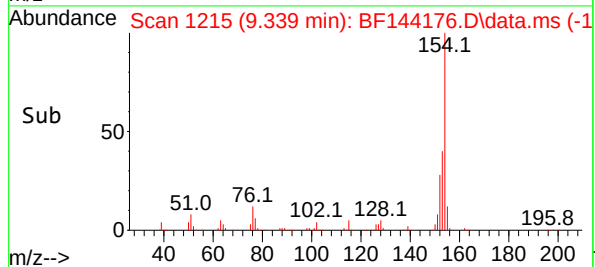
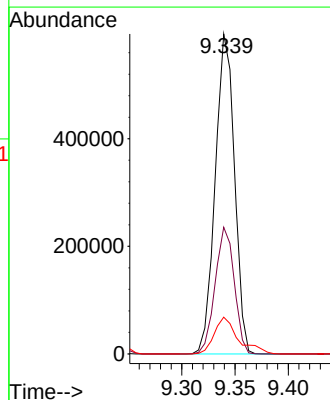
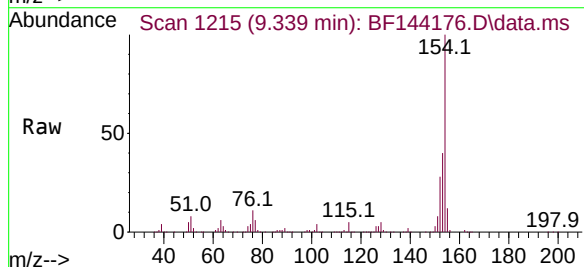
Delta R.T. 0.000 min

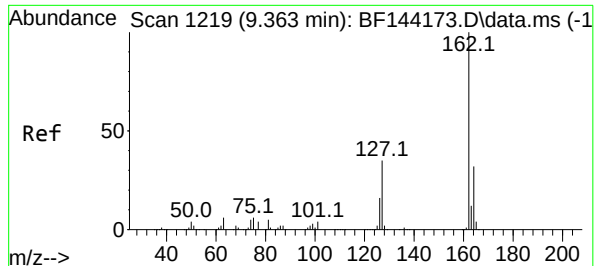
Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Tgt Ion:154 Resp: 749883

Ion	Ratio	Lower	Upper
154	100		
153	39.6	19.2	59.2
76	11.5	0.0	31.8





#47

2-Chloronaphthalene

Concen: 72.995 ng

RT: 9.369 min Scan# 1219

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

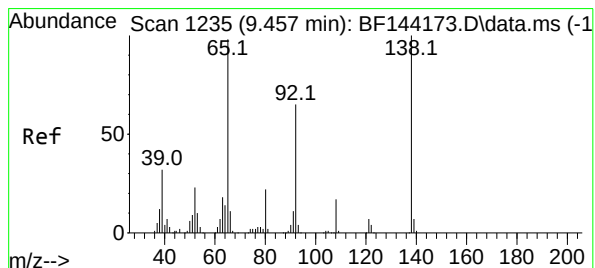
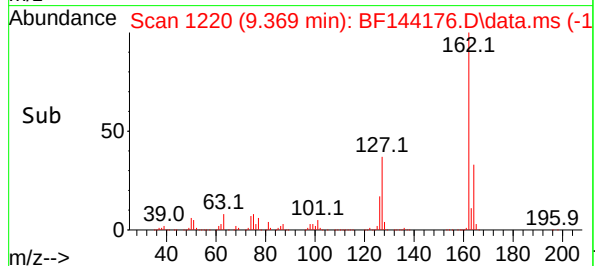
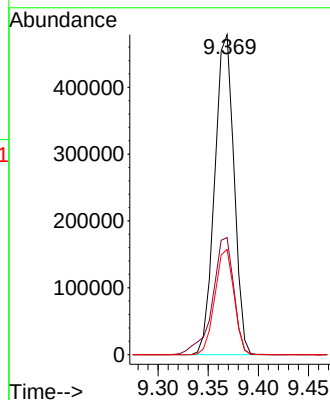
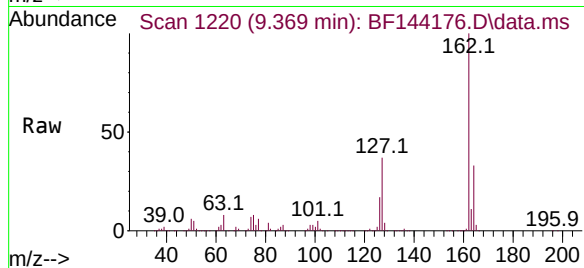
Tgt Ion:162 Resp: 641521

Ion Ratio Lower Upper

162 100

127 36.6 28.8 43.2

164 32.9 25.8 38.8



#48

2-Nitroaniline

Concen: 80.348 ng

RT: 9.463 min Scan# 1236

Delta R.T. -0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

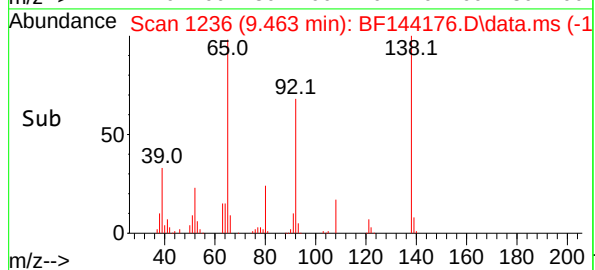
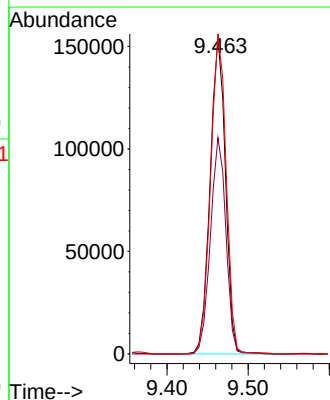
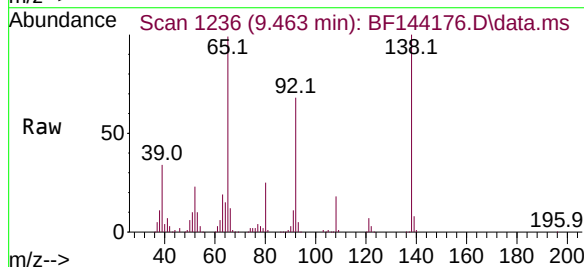
Tgt Ion: 65 Resp: 203746

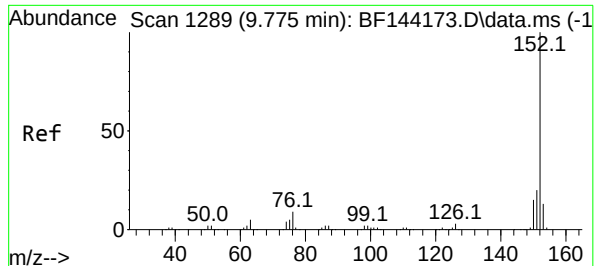
Ion Ratio Lower Upper

65 100

92 68.3 53.0 79.6

138 101.1 81.6 122.4





#49

Acenaphthylene

Concen: 74.264 ng

RT: 9.780 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

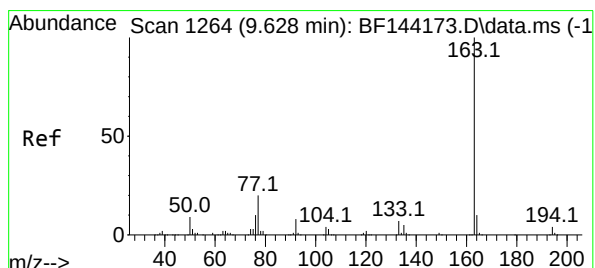
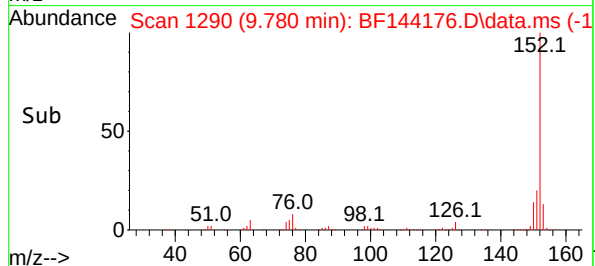
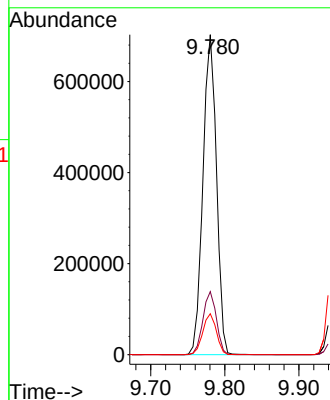
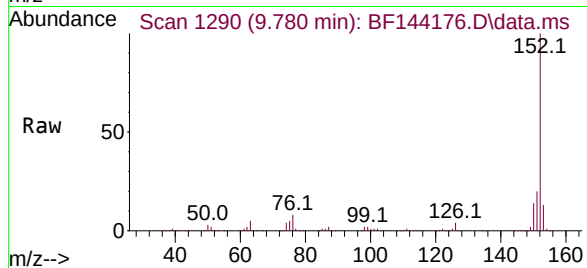
Tgt Ion:152 Resp: 889410

Ion Ratio Lower Upper

152 100

151 19.7 15.9 23.9

153 12.8 10.5 15.7



#50

Dimethylphthalate

Concen: 75.318 ng

RT: 9.633 min Scan# 1265

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

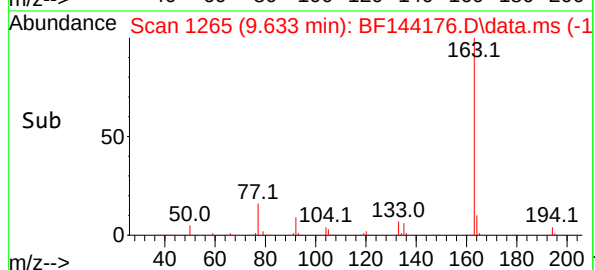
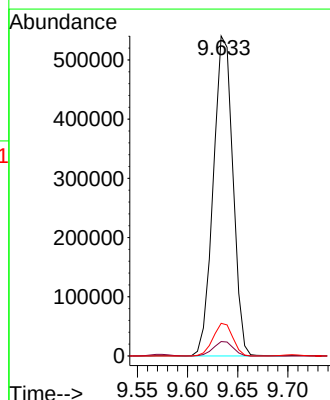
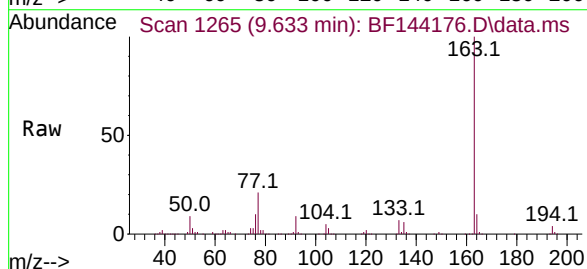
Tgt Ion:163 Resp: 736477

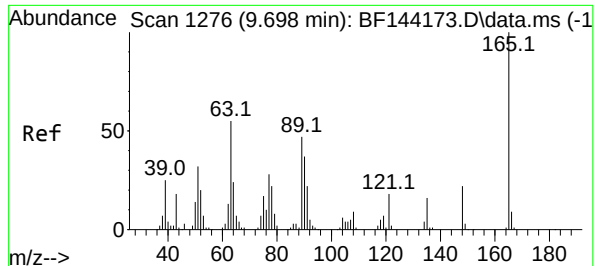
Ion Ratio Lower Upper

163 100

194 4.5 3.3 4.9

164 10.2 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 79.250 ng

RT: 9.704 min Scan# 1276

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

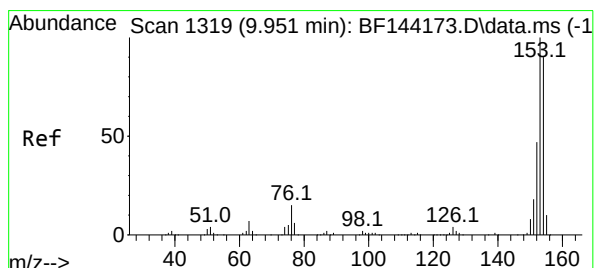
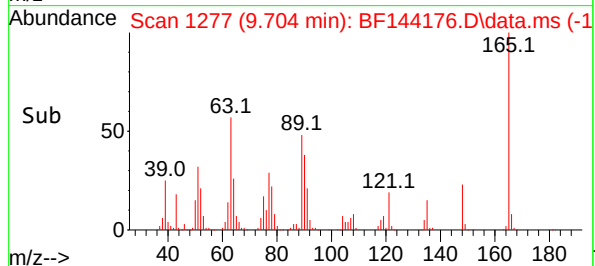
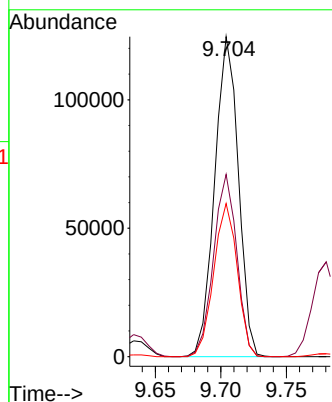
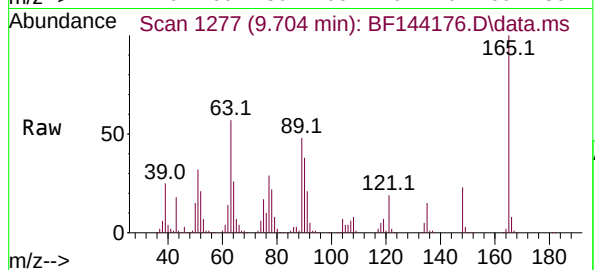
Tgt Ion:165 Resp: 156870

Ion Ratio Lower Upper

165 100

63 56.9 43.8 65.8

89 47.8 37.5 56.3



#52

Acenaphthene

Concen: 74.243 ng

RT: 9.951 min Scan# 1319

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

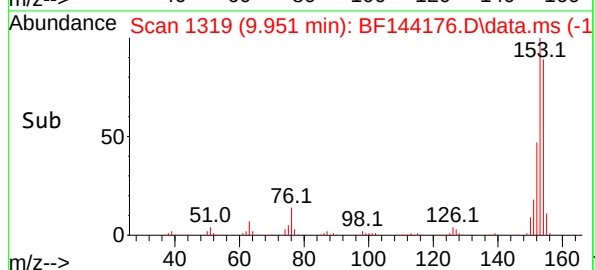
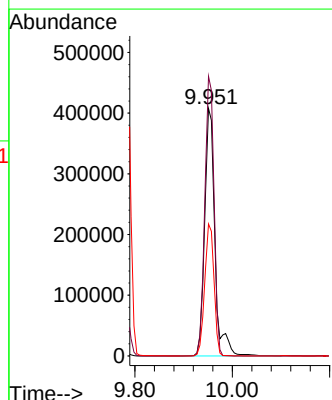
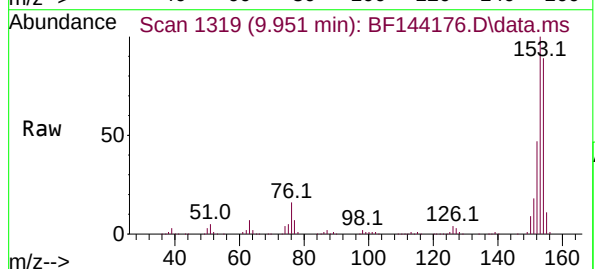
Tgt Ion:154 Resp: 594593

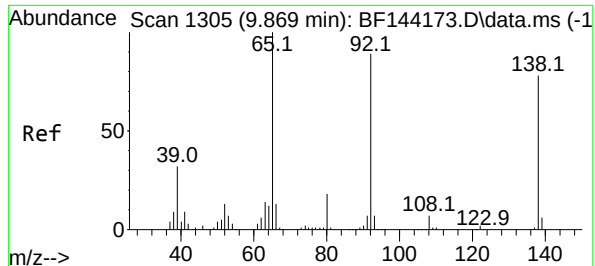
Ion Ratio Lower Upper

154 100

153 113.0 89.0 133.4

152 53.3 42.2 63.4





#53

3-Nitroaniline

Concen: 77.230 ng

RT: 9.875 min Scan# 1306

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

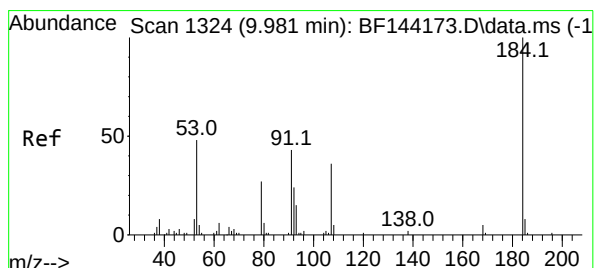
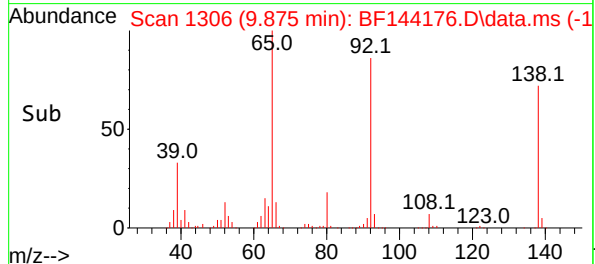
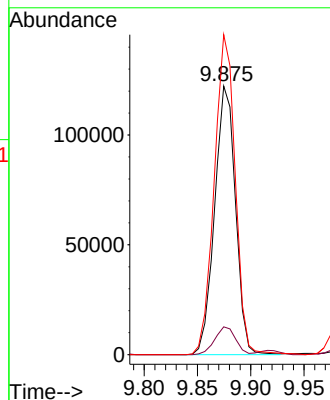
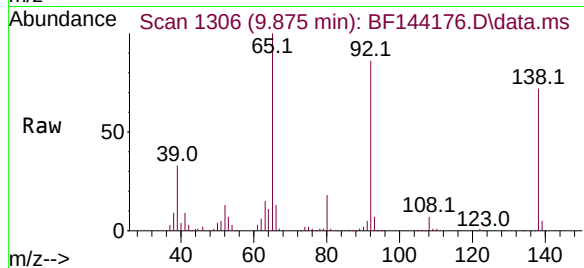
Tgt Ion:138 Resp: 167110

Ion Ratio Lower Upper

138 100

108 10.3 7.5 11.3

92 119.2 91.8 137.6



#54

2,4-Dinitrophenol

Concen: 80.924 ng

RT: 9.986 min Scan# 1325

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

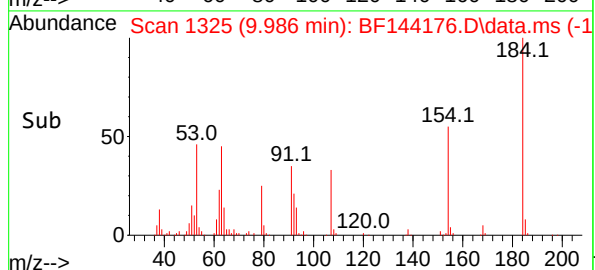
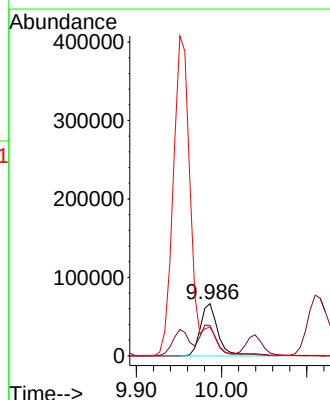
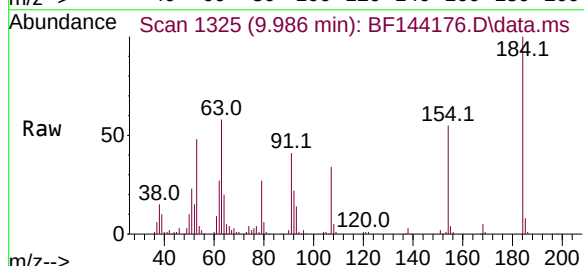
Tgt Ion:184 Resp: 96727

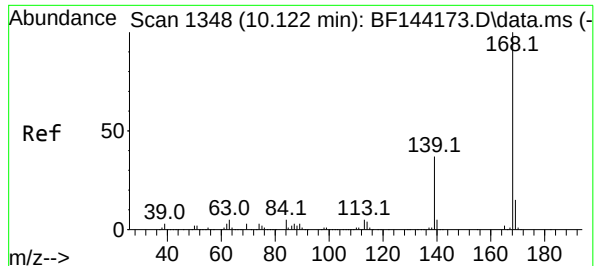
Ion Ratio Lower Upper

184 100

63 58.3 44.0 66.0

154 55.4 42.4 63.6





#55

Dibenzenofuran

Concen: 71.517 ng

RT: 10.128 min Scan# 1348

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

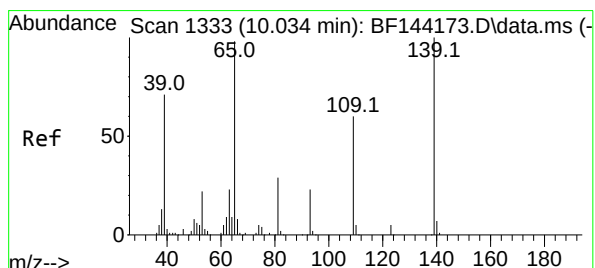
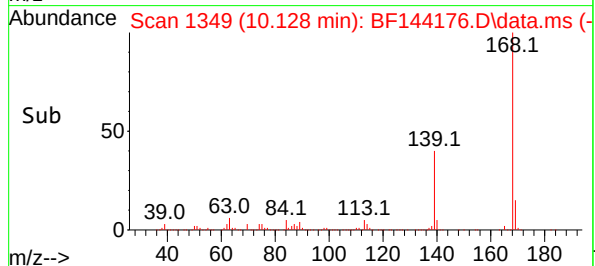
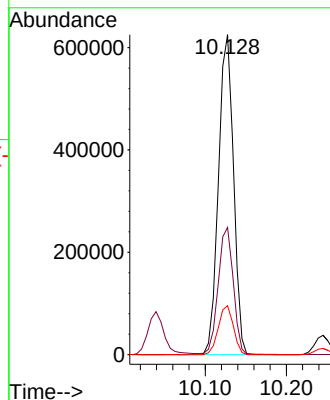
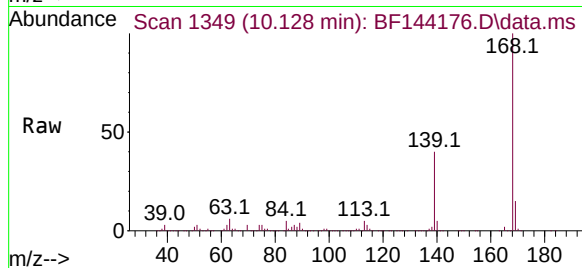
Tgt Ion:168 Resp: 802174

Ion Ratio Lower Upper

168 100

139 39.8 30.2 45.2

169 15.3 12.2 18.4



#56

4-Nitrophenol

Concen: 74.782 ng

RT: 10.039 min Scan# 1334

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

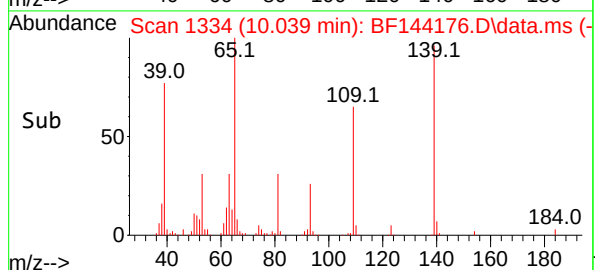
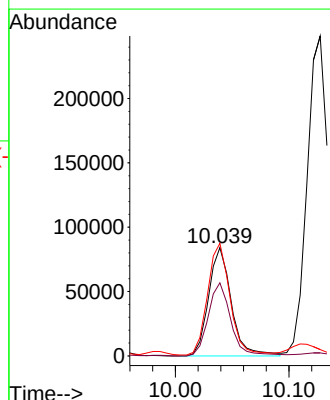
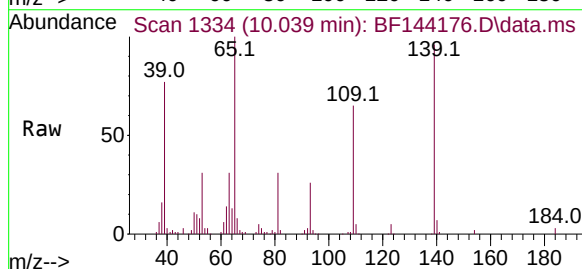
Tgt Ion:139 Resp: 117050

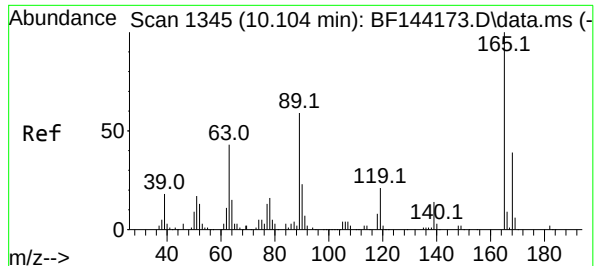
Ion Ratio Lower Upper

139 100

109 67.5 39.9 79.9

65 104.1 79.5 119.5

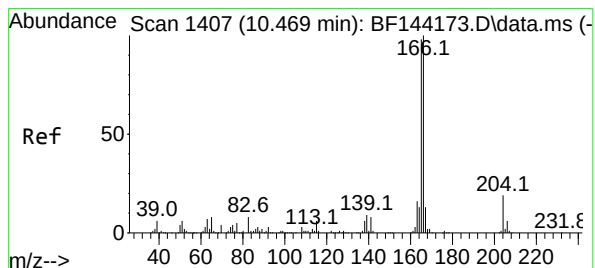
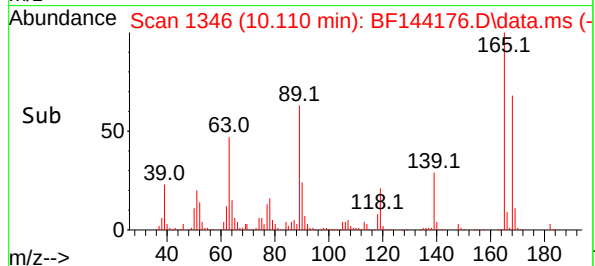
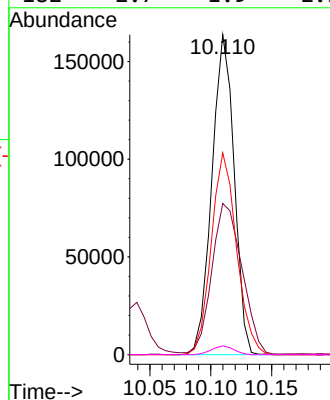
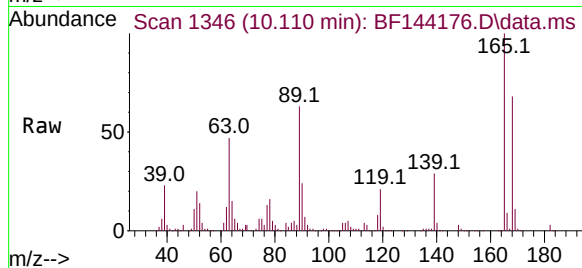




#57
2,4-Dinitrotoluene
Concen: 78.661 ng
RT: 10.110 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

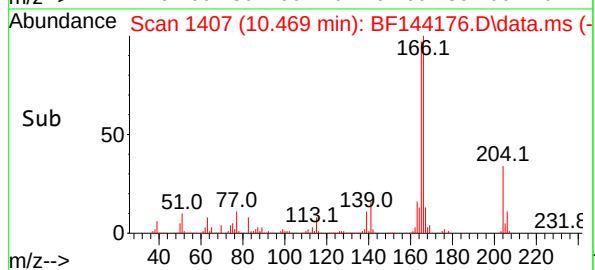
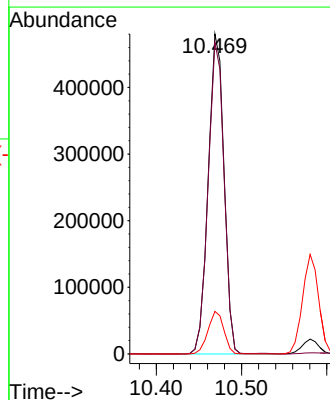
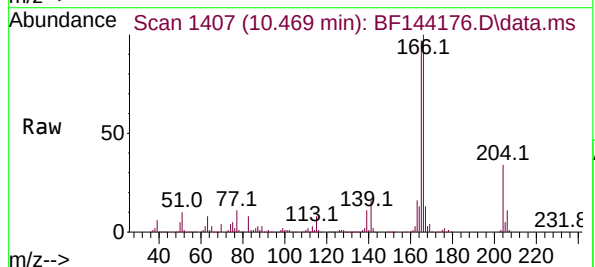
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

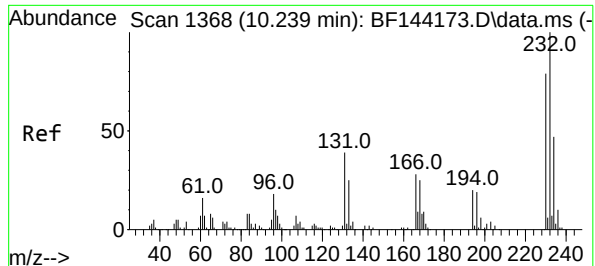
Tgt Ion:165 Resp: 208441
Ion Ratio Lower Upper
165 100
63 47.2 35.5 53.3
89 63.0 47.4 71.2
182 2.7 1.9 2.9



#58
Fluorene
Concen: 72.526 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:166 Resp: 618508
Ion Ratio Lower Upper
166 100
165 97.3 78.6 118.0
167 13.3 10.4 15.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 81.067 ng

RT: 10.245 min Scan# 1369

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:232 Resp: 203523

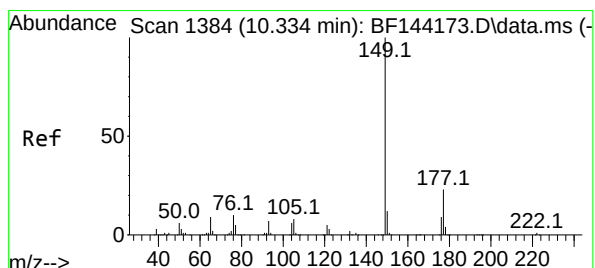
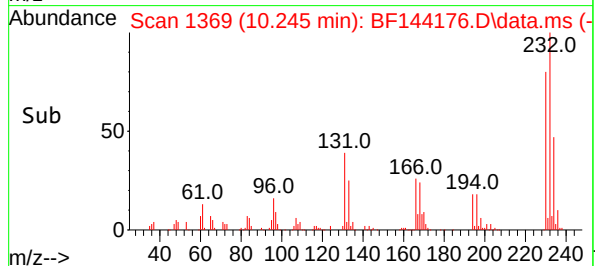
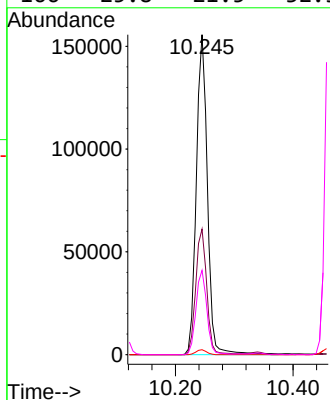
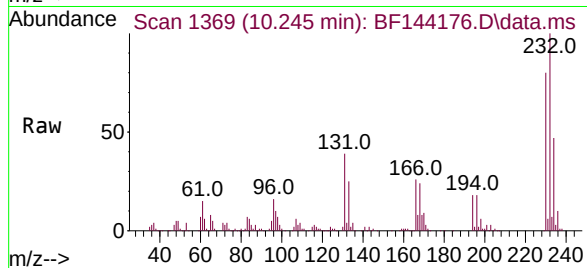
Ion Ratio Lower Upper

232 100

131 39.0 30.3 45.5

130 1.4 1.2 1.8

166 25.8 21.5 32.3



#60

Diethylphthalate

Concen: 76.182 ng

RT: 10.339 min Scan# 1385

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

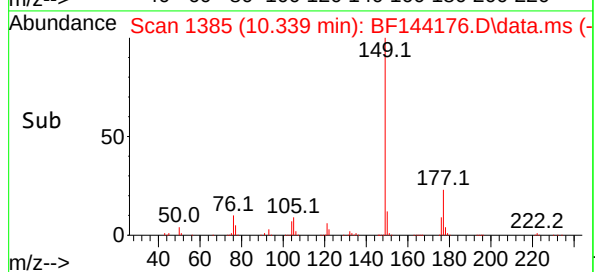
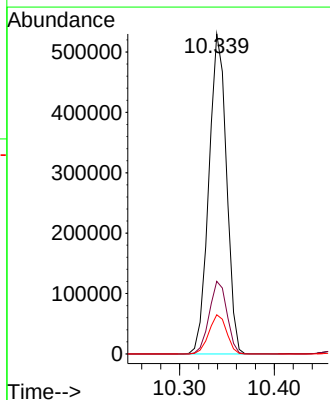
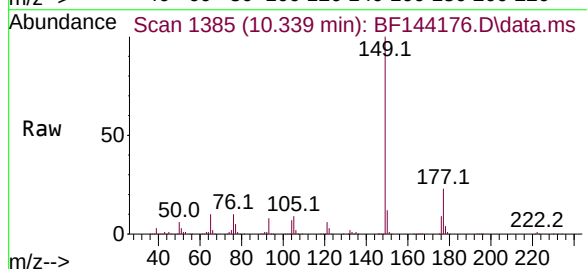
Tgt Ion:149 Resp: 686705

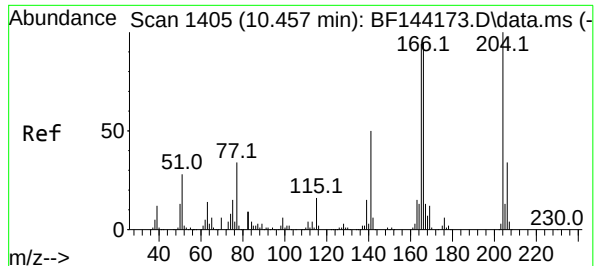
Ion Ratio Lower Upper

149 100

177 22.7 18.3 27.5

150 12.2 9.8 14.6

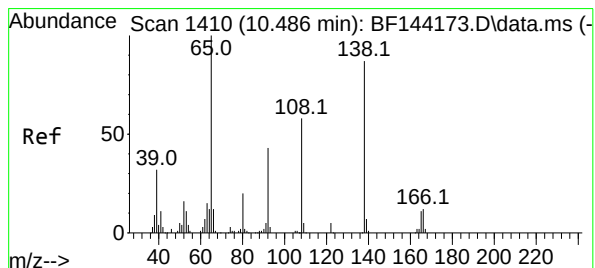
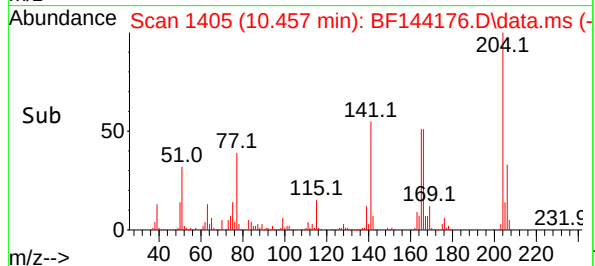
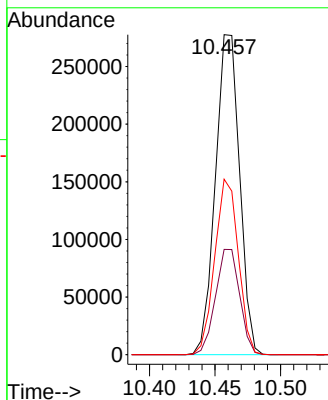
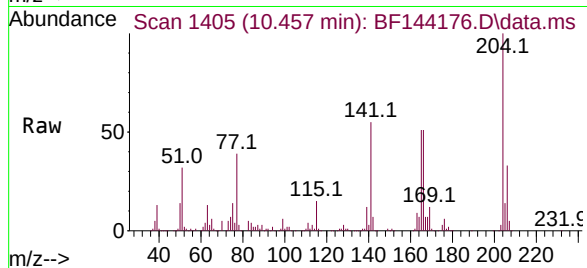




#61
4-Chlorophenyl-phenylether
Concen: 73.492 ng
RT: 10.457 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

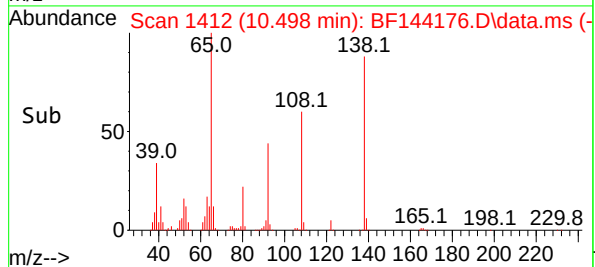
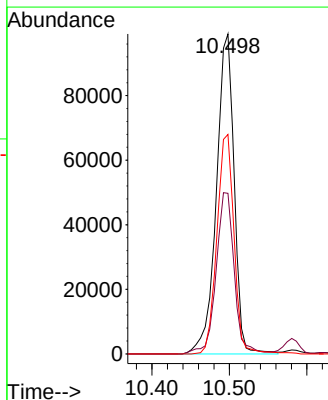
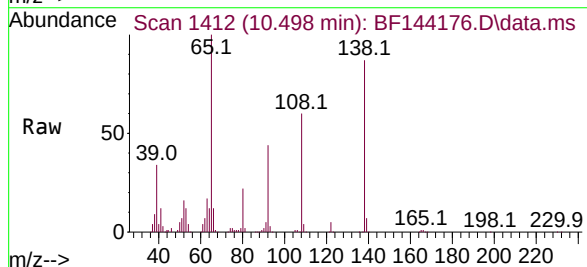
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

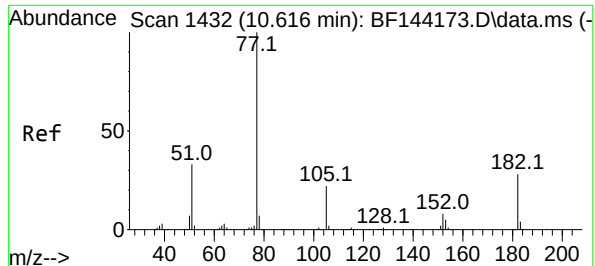
Tgt Ion:204 Resp: 357010
Ion Ratio Lower Upper
204 100
206 32.9 27.4 41.2
141 54.8 40.0 60.0



#62
4-Nitroaniline
Concen: 76.889 ng
RT: 10.498 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:138 Resp: 158441
Ion Ratio Lower Upper
138 100
92 50.2 29.4 69.4
108 68.6 46.4 86.4

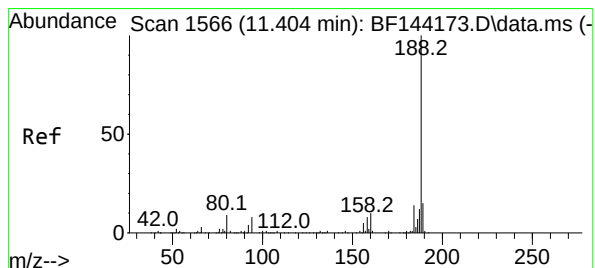
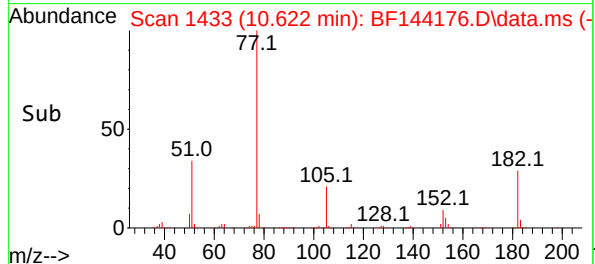
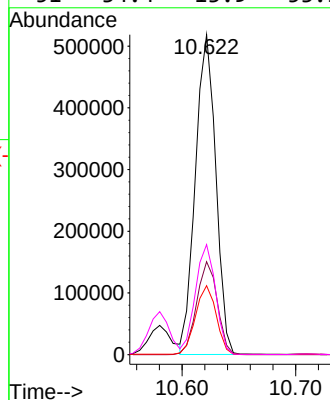
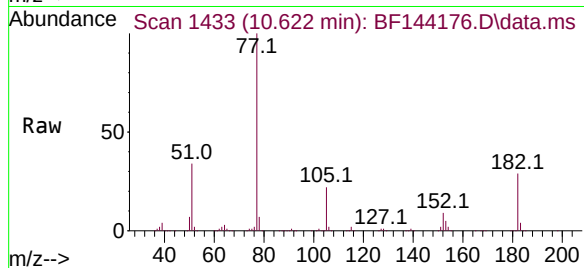




#63
Azobenzene
Concen: 77.117 ng
RT: 10.622 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

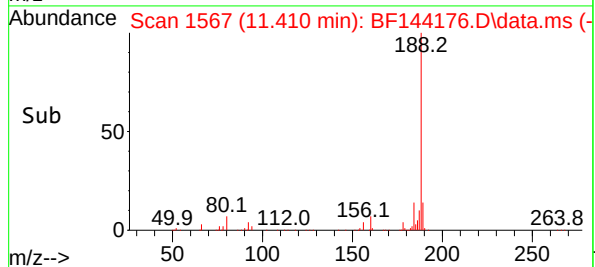
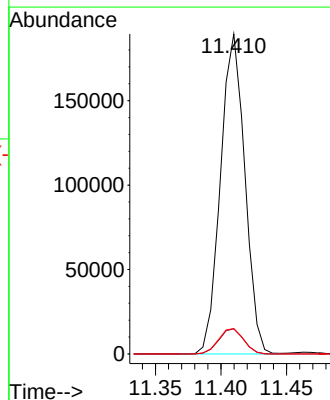
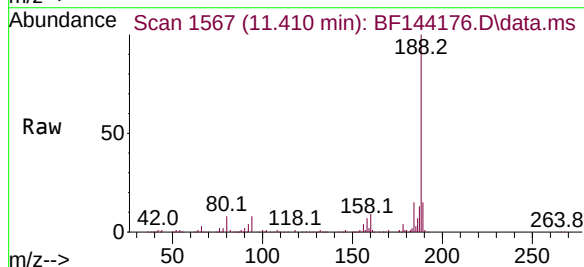
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

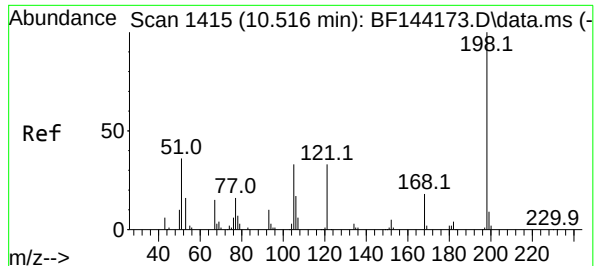
Tgt Ion: 77 Resp: 646943
Ion Ratio Lower Upper
77 100
182 29.0 8.1 48.1
105 21.6 2.0 42.0
51 34.4 13.9 53.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion: 188 Resp: 244733
Ion Ratio Lower Upper
188 100
94 7.8 6.2 9.2
80 7.9 6.9 10.3

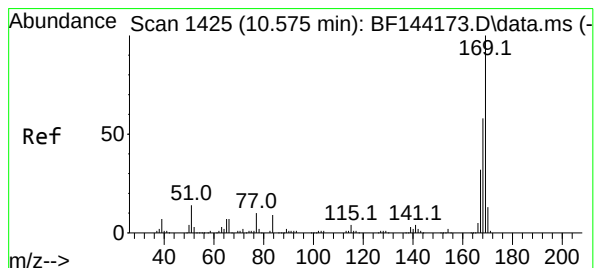
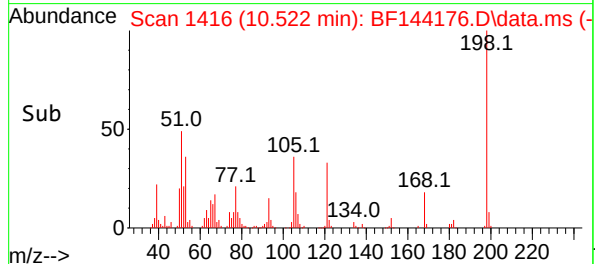
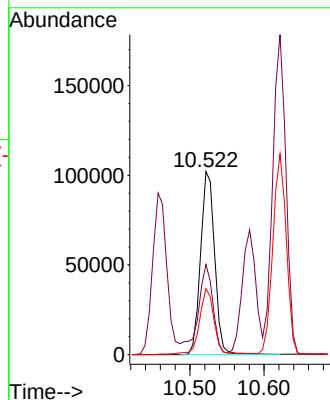
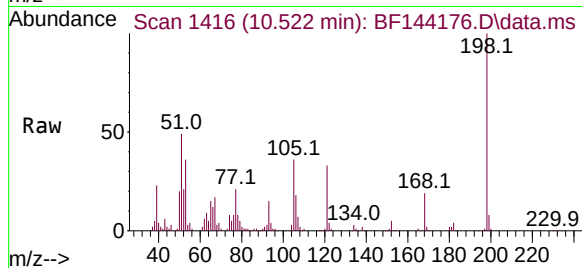




#65
4,6-Dinitro-2-methylphenol
Concen: 81.136 ng
RT: 10.522 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

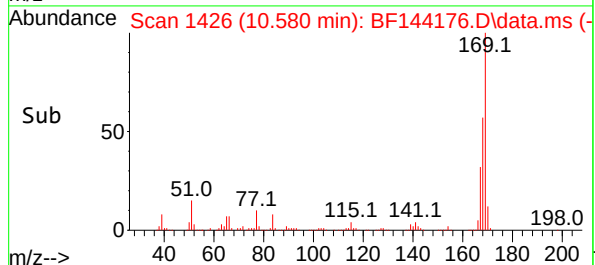
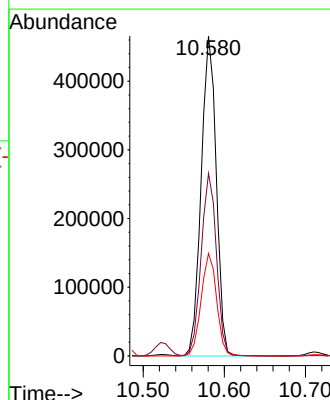
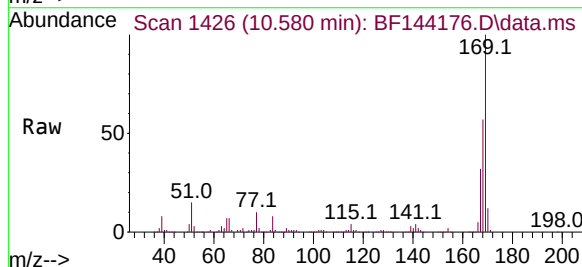
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

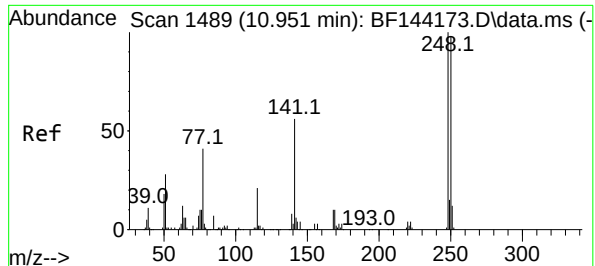
Tgt Ion:198 Resp: 134894
Ion Ratio Lower Upper
198 100
51 49.2 25.6 65.6
105 36.0 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 76.327 ng
RT: 10.580 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:169 Resp: 600791
Ion Ratio Lower Upper
169 100
168 57.0 46.2 69.2
167 32.1 25.7 38.5





#67

4-Bromophenyl-phenylether

Concen: 78.826 ng

RT: 10.951 min Scan# 14

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

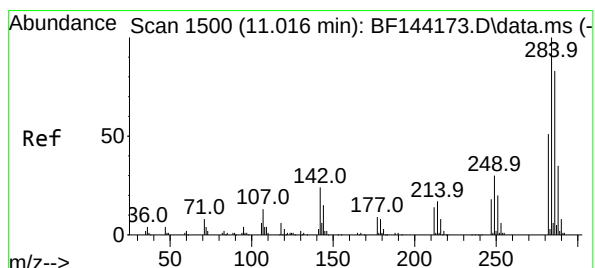
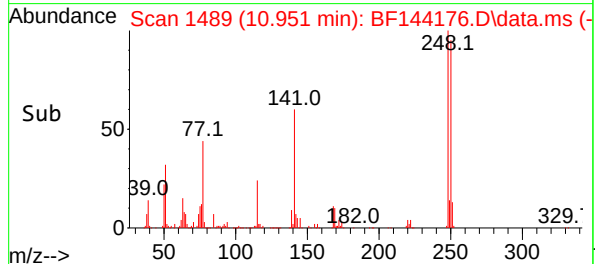
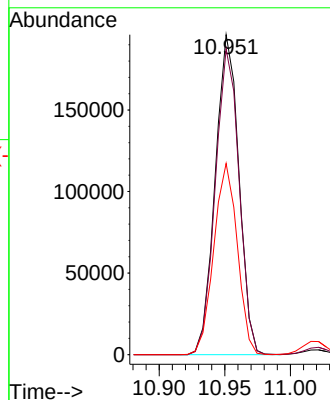
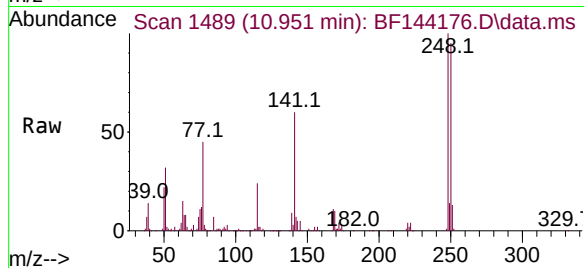
Tgt Ion:248 Resp: 246236

Ion Ratio Lower Upper

248 100

250 95.5 78.4 117.6

141 59.8 45.1 67.7



#68

Hexachlorobenzene

Concen: 78.769 ng

RT: 11.022 min Scan# 1501

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

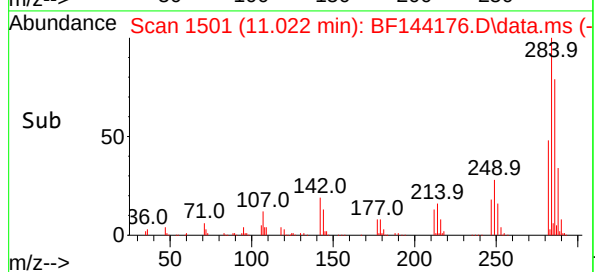
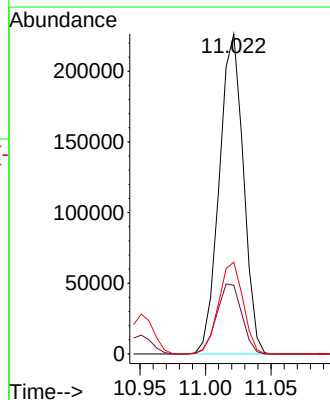
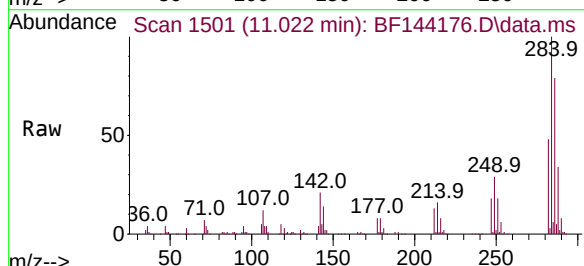
Tgt Ion:284 Resp: 289823

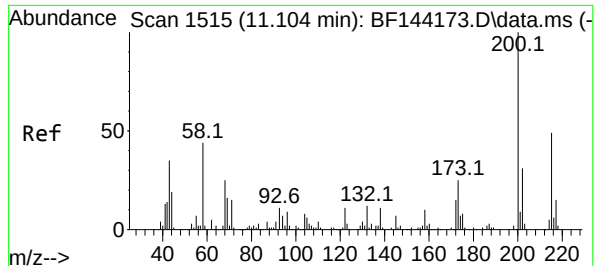
Ion Ratio Lower Upper

284 100

142 21.4 19.2 28.8

249 28.7 23.8 35.8





#69

Atrazine

Concen: 76.645 ng

RT: 11.110 min Scan# 1516

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

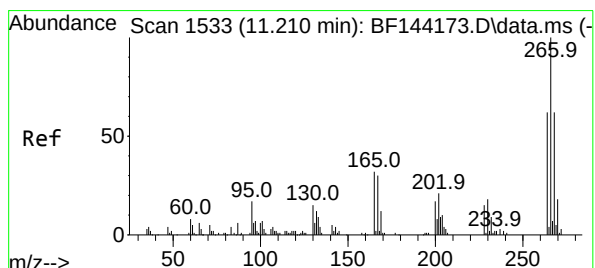
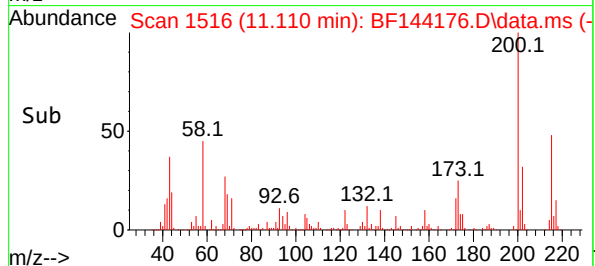
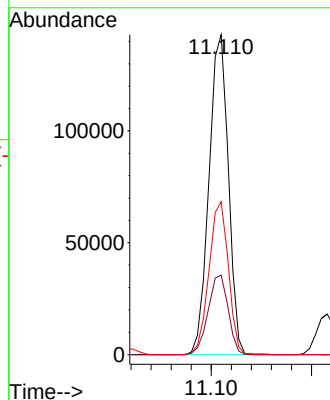
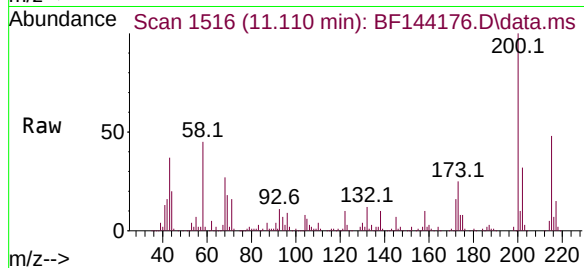
Tgt Ion:200 Resp: 191862

Ion Ratio Lower Upper

200 100

173 24.8 5.0 45.0

215 47.8 28.7 68.7



#70

Pentachlorophenol

Concen: 88.373 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

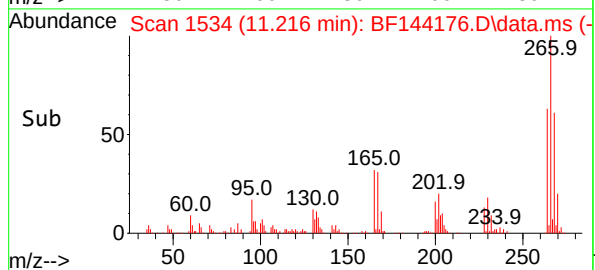
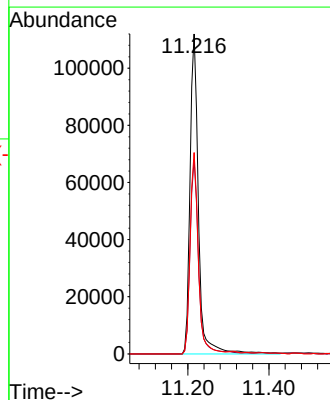
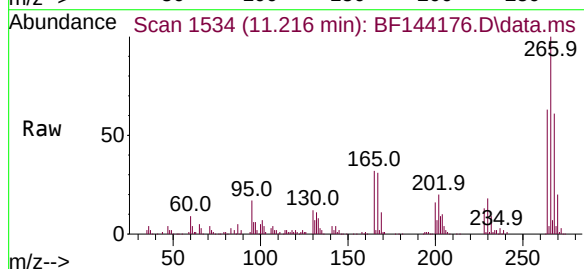
Tgt Ion:266 Resp: 161918

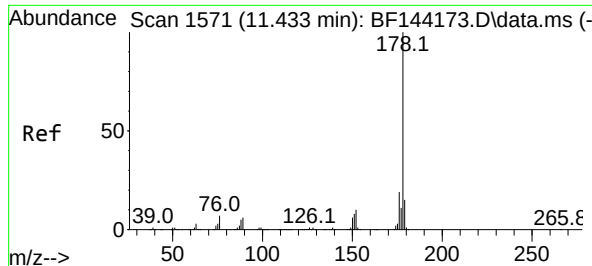
Ion Ratio Lower Upper

266 100

268 60.8 49.5 74.3

264 63.0 49.4 74.2

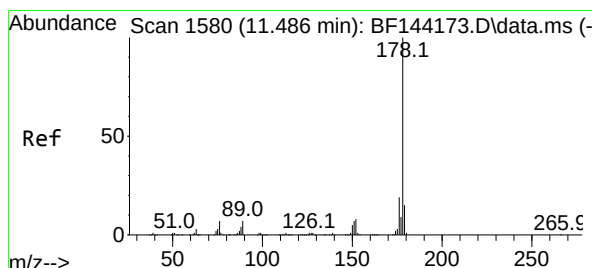
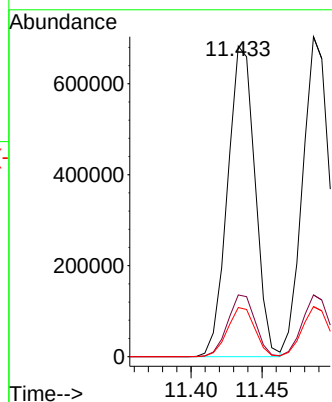
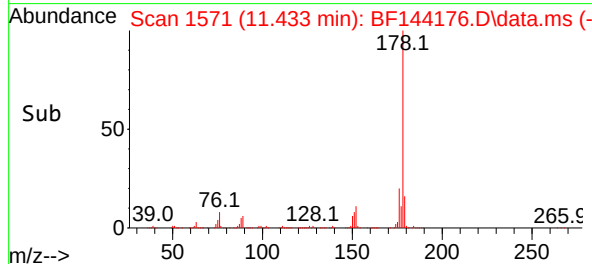
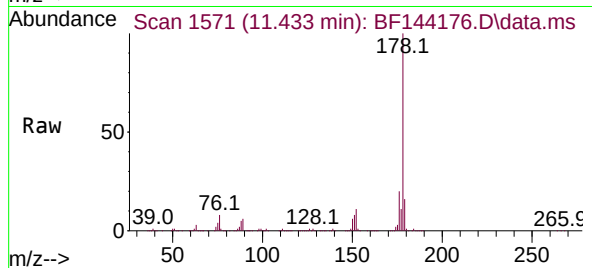




#71
Phenanthrene
Concen: 75.238 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

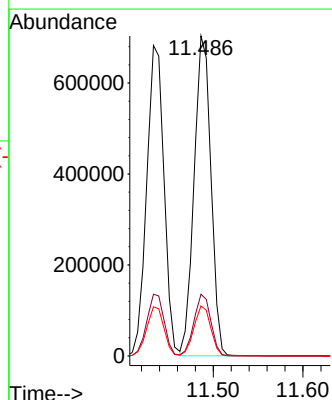
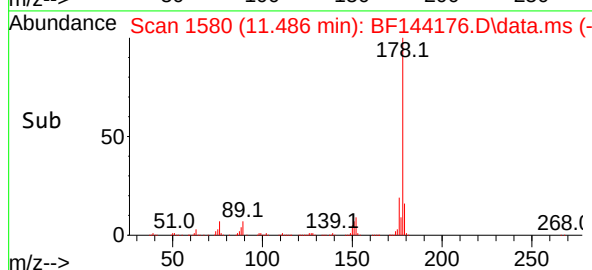
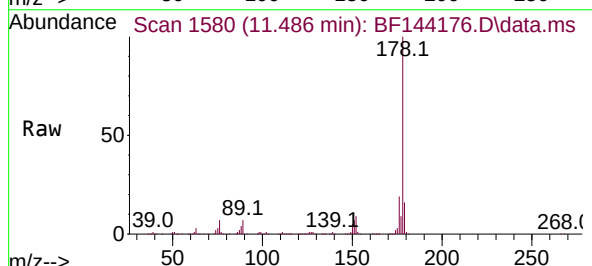
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

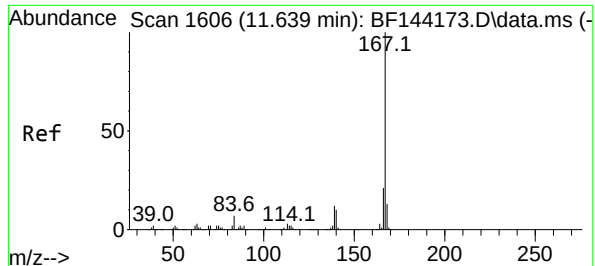
Tgt Ion:178 Resp: 916773
Ion Ratio Lower Upper
178 100
176 19.9 15.5 23.3
179 15.8 12.2 18.4



#72
Anthracene
Concen: 73.934 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:178 Resp: 916037
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.6 12.0 18.0

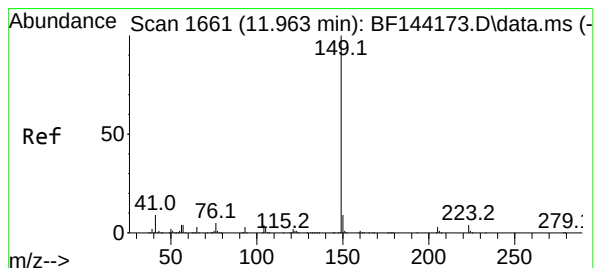
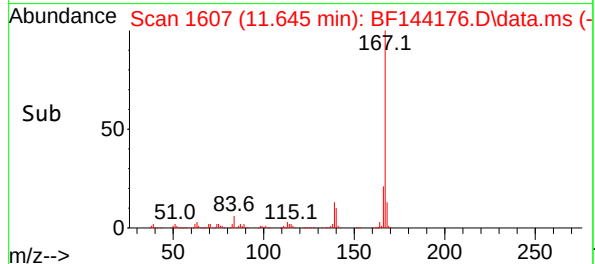
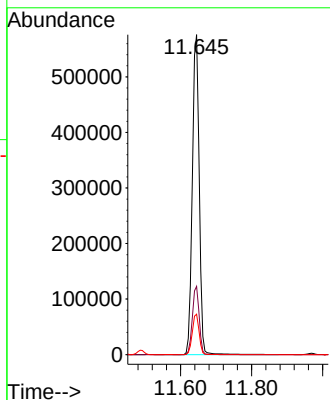
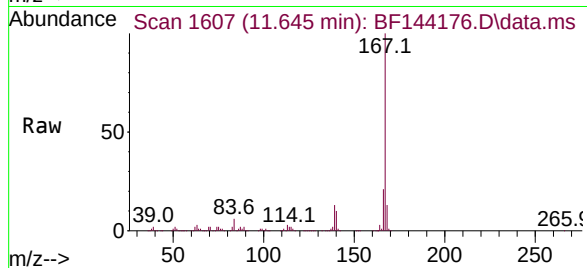




#73
Carbazole
Concen: 73.816 ng
RT: 11.645 min Scan# 1607
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

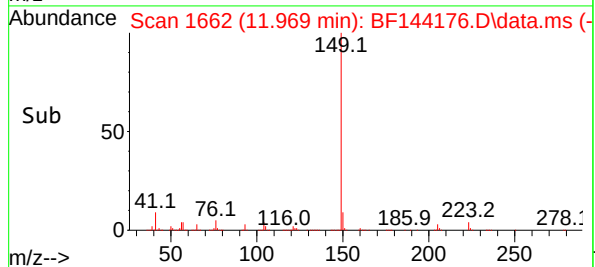
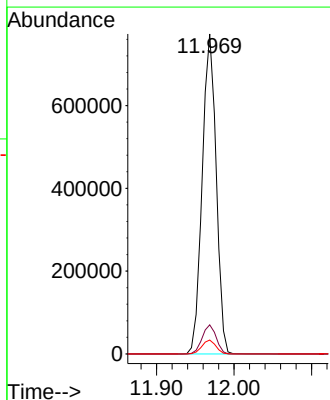
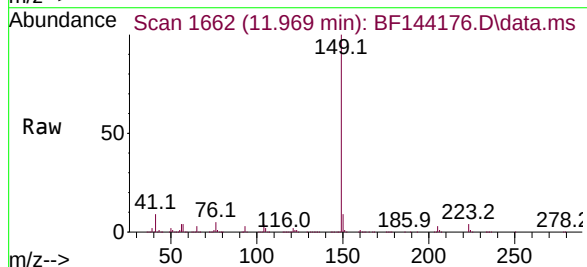
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

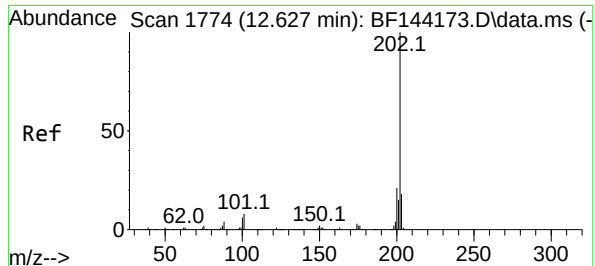
Tgt Ion:167 Resp: 777702
Ion Ratio Lower Upper
167 100
166 21.4 17.2 25.8
139 12.6 9.9 14.9



#74
Di-n-butylphthalate
Concen: 75.822 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:149 Resp: 965695
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 4.3 3.4 5.2

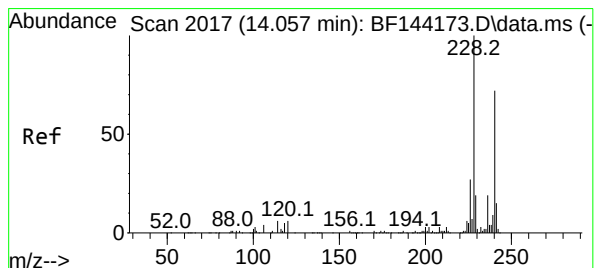
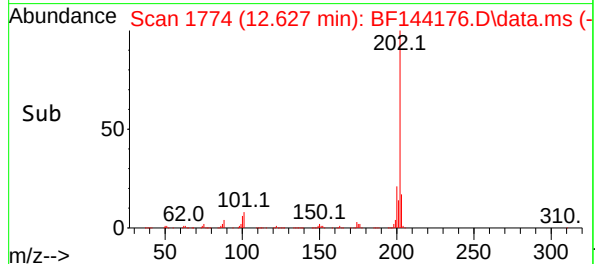
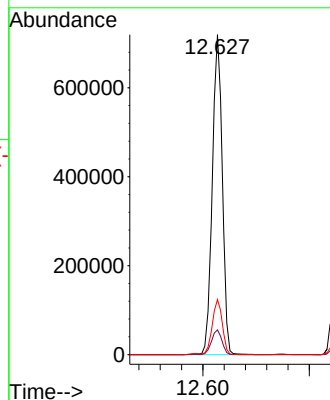
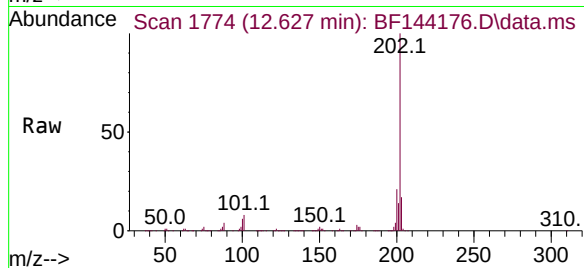




#75
Fluoranthene
Concen: 74.476 ng
RT: 12.627 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

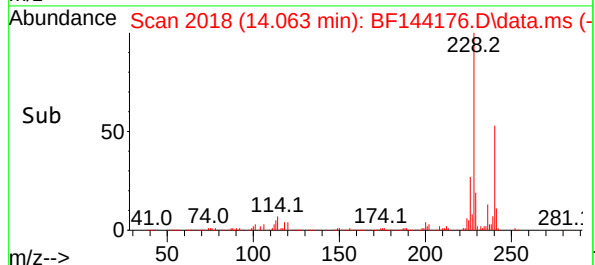
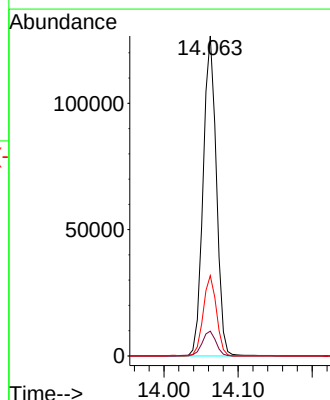
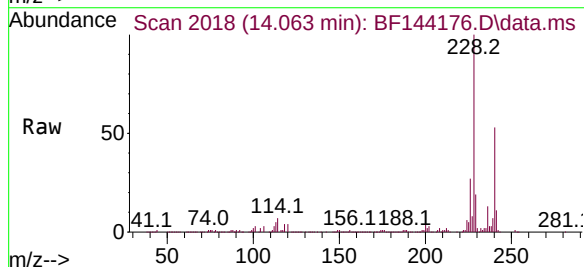
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

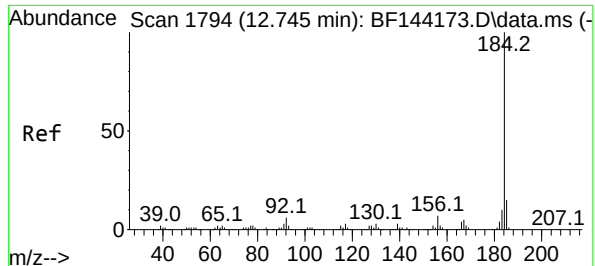
Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.7	0.0	27.9
203	17.2	0.0	37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.7	6.6	10.0
236	25.1	21.4	32.2

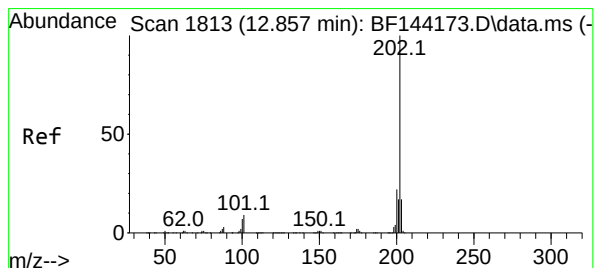
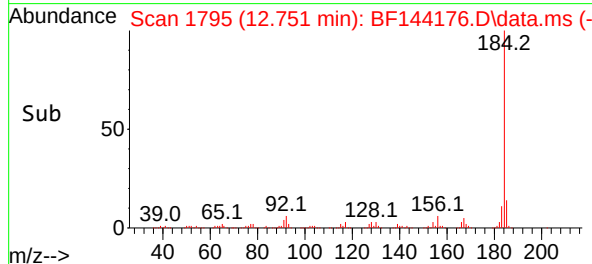
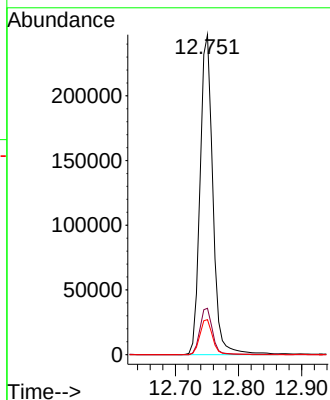
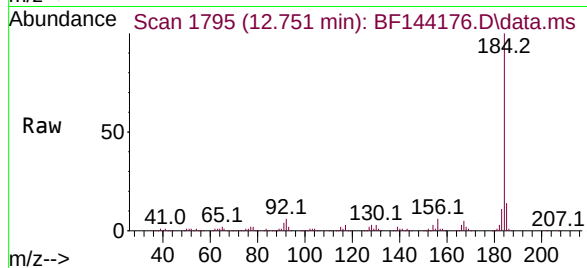




#77
Benzidine
Concen: 74.828 ng
RT: 12.751 min Scan# 1795
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

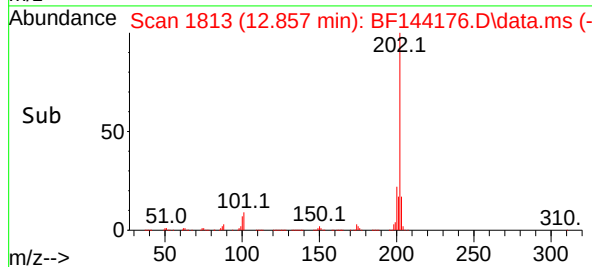
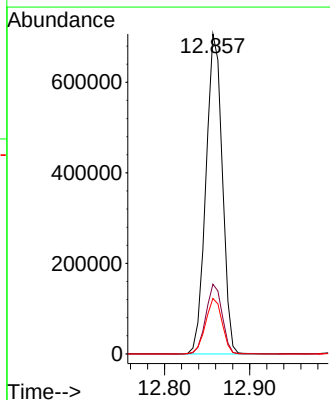
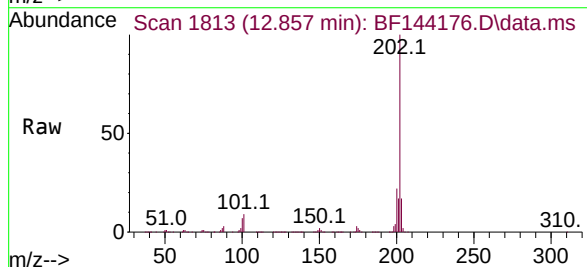
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

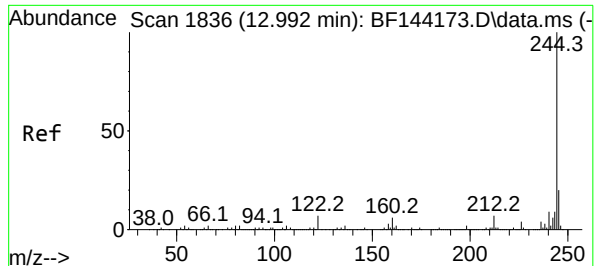
Tgt Ion:184 Resp: 347077
Ion Ratio Lower Upper
184 100
185 14.5 11.7 17.5
183 10.9 8.3 12.5



#78
Pyrene
Concen: 74.600 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:202 Resp: 943190
Ion Ratio Lower Upper
202 100
200 21.8 17.2 25.8
203 17.3 13.7 20.5





#79

Terphenyl-d14

Concen: 146.810 ng

RT: 12.998 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

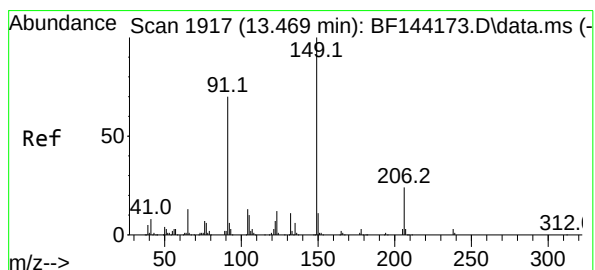
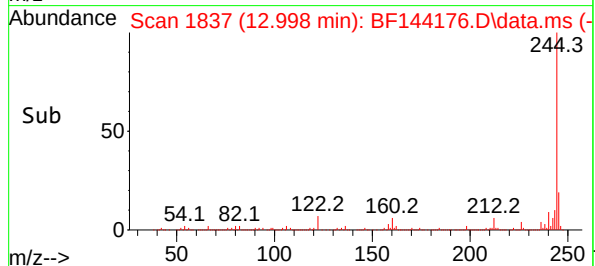
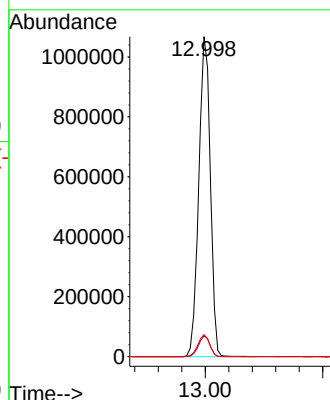
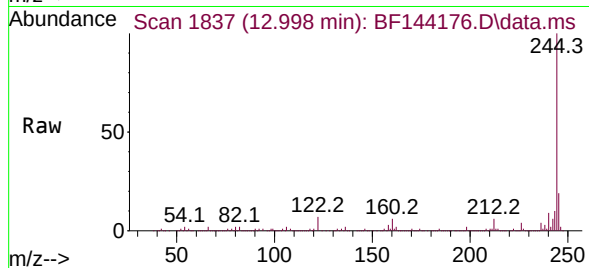
Tgt Ion:244 Resp: 1449323

Ion Ratio Lower Upper

244 100

212 6.5 5.3 7.9

122 6.9 5.6 8.4



#80

Butylbenzylphthalate

Concen: 78.633 ng

RT: 13.474 min Scan# 1918

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

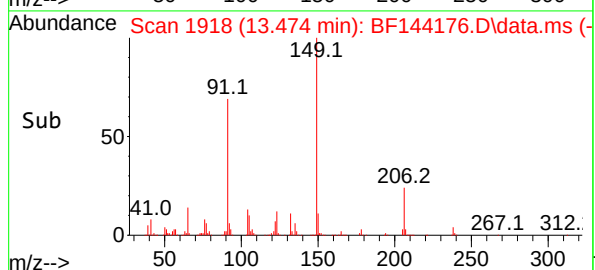
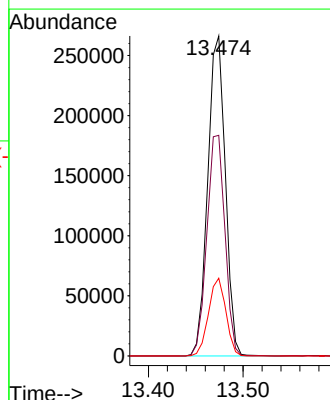
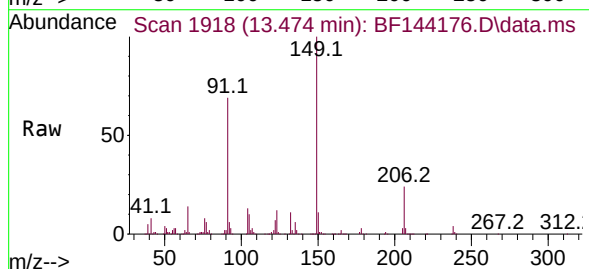
Tgt Ion:149 Resp: 344575

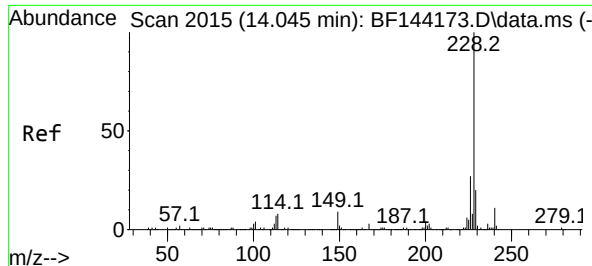
Ion Ratio Lower Upper

149 100

91 68.9 56.1 84.1

206 24.3 18.8 28.2

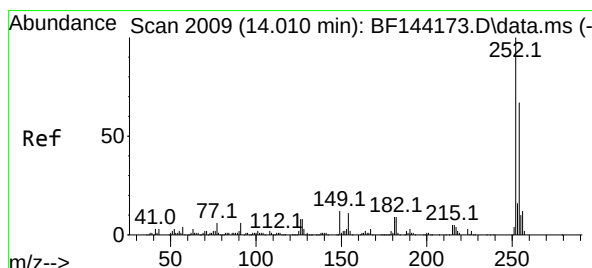
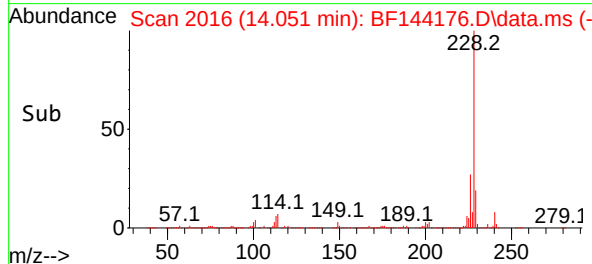
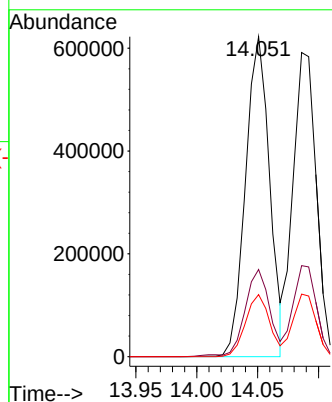
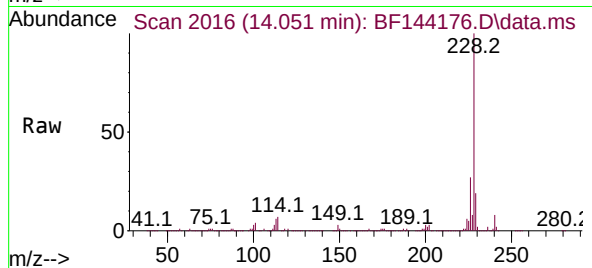




#81
Benzo(a)anthracene
Concen: 78.818 ng
RT: 14.051 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

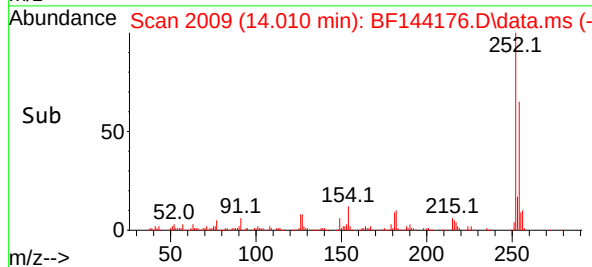
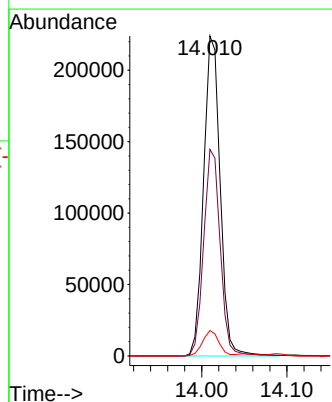
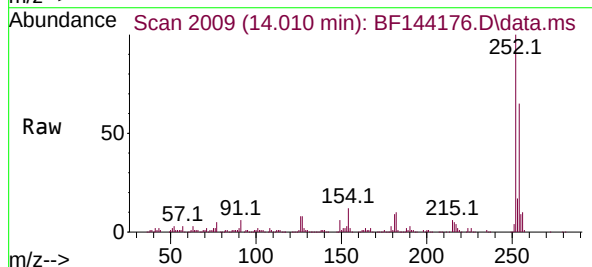
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

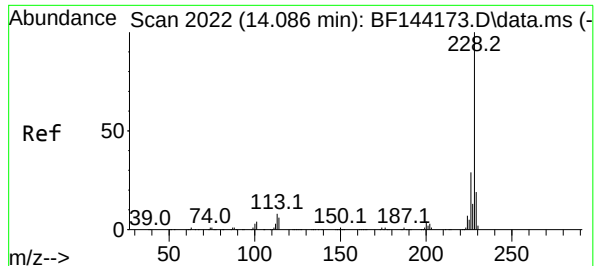
Tgt Ion:228 Resp: 856602
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.8
229 19.4 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 81.046 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:252 Resp: 301919
Ion Ratio Lower Upper
252 100
254 64.5 53.5 80.3
126 7.9 6.4 9.6





#83

Chrysene

Concen: 78.982 ng

RT: 14.086 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

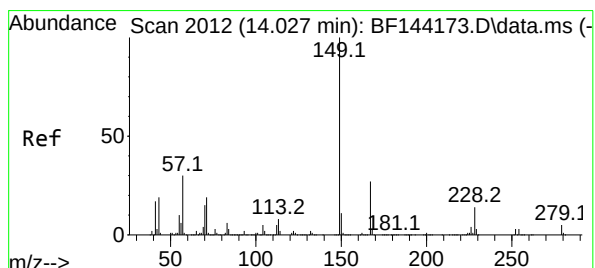
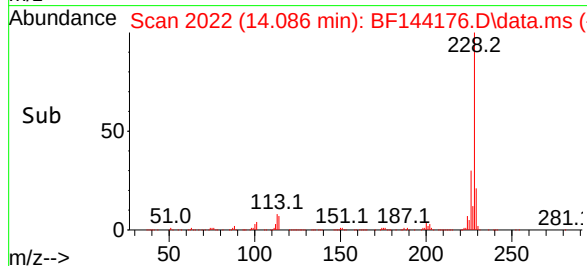
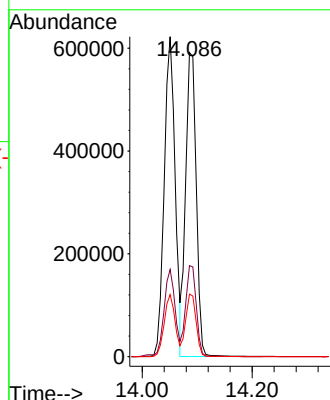
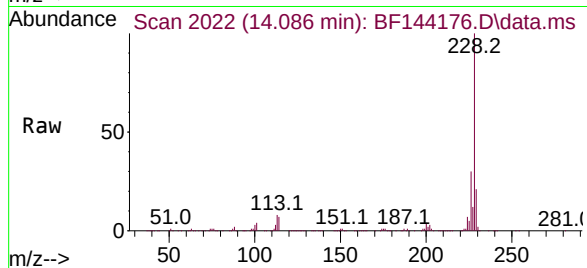
Tgt Ion:228 Resp: 792397

Ion Ratio Lower Upper

228 100

226 29.9 22.9 34.3

229 20.5 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 79.898 ng

RT: 14.033 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

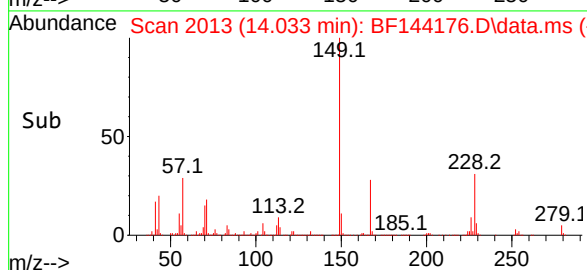
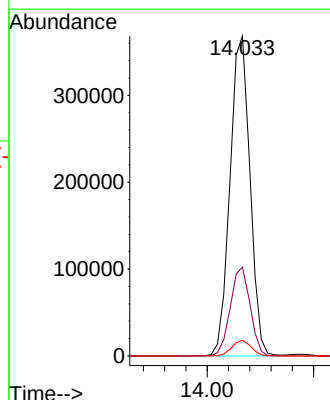
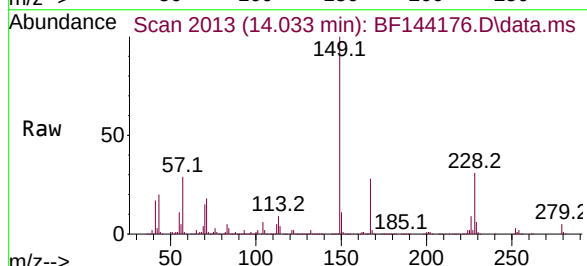
Tgt Ion:149 Resp: 479285

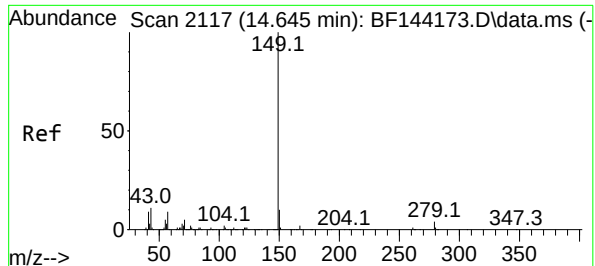
Ion Ratio Lower Upper

149 100

167 27.7 21.8 32.8

279 4.9 3.7 5.5

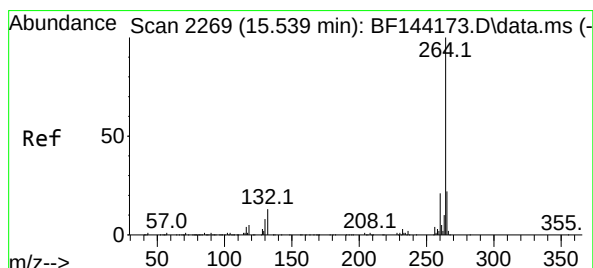
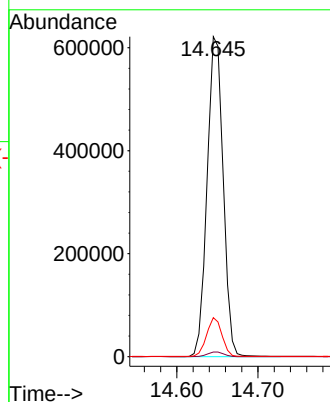
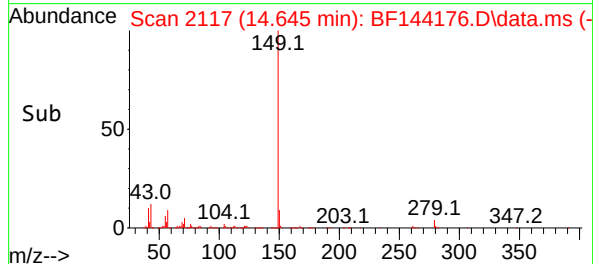
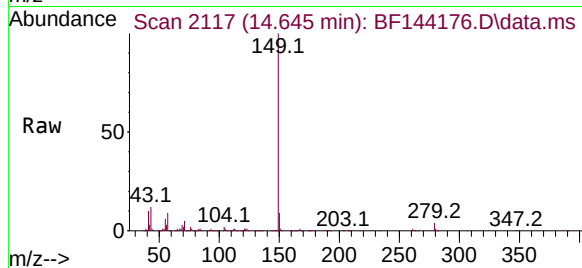




#85
Di-n-octyl phthalate
Concen: 82.657 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

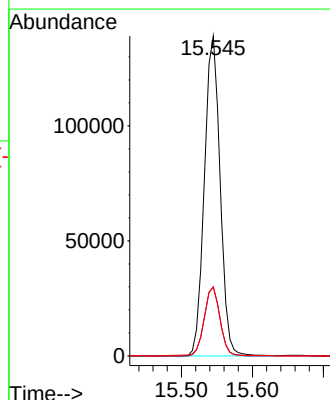
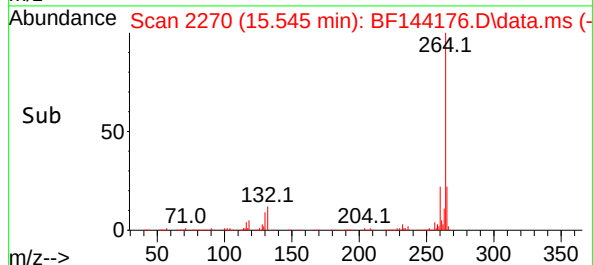
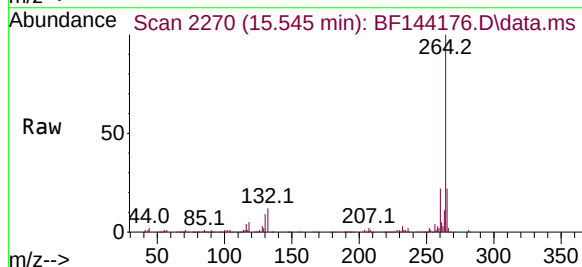
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

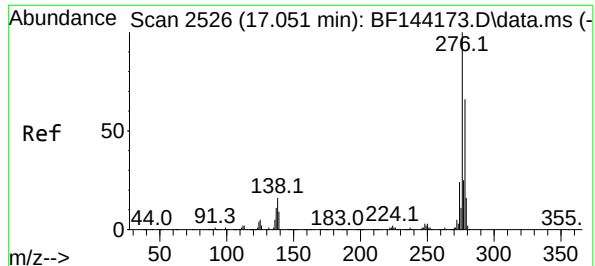
Tgt Ion:149 Resp: 855486
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.5 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:264 Resp: 213275
Ion Ratio Lower Upper
264 100
260 21.6 17.1 25.7
265 21.5 17.4 26.0

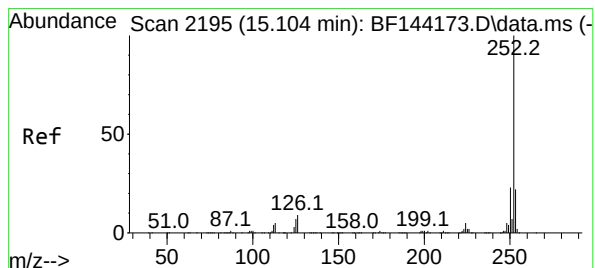
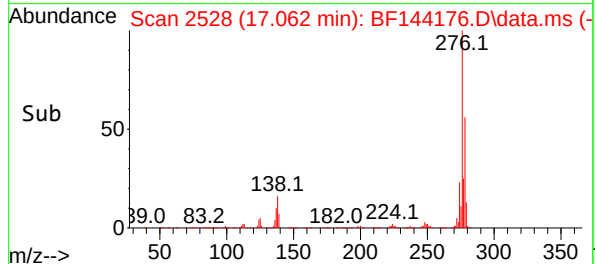
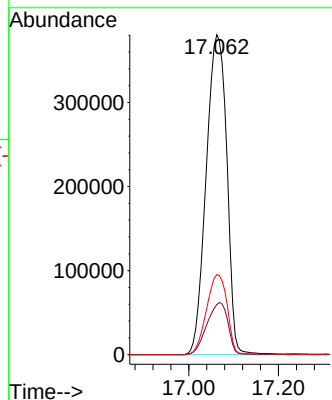
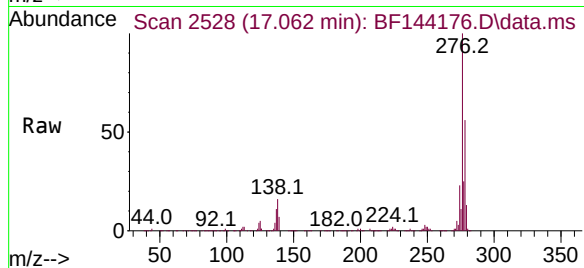




#87
Indeno(1,2,3-cd)pyrene
Concen: 79.403 ng
RT: 17.062 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

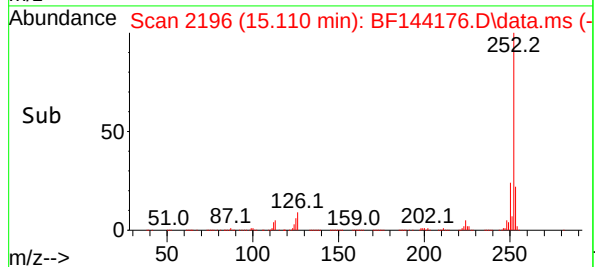
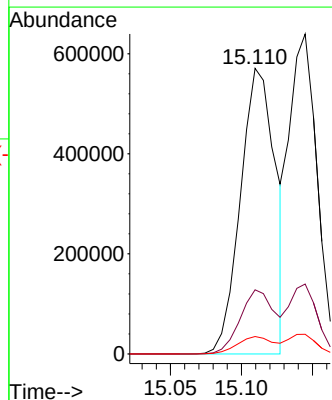
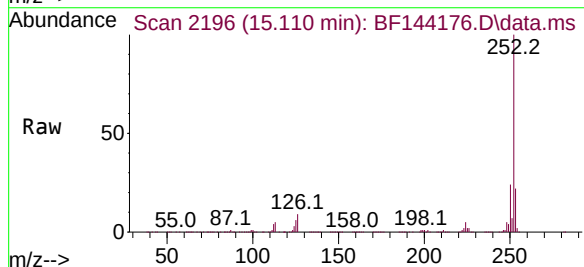
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

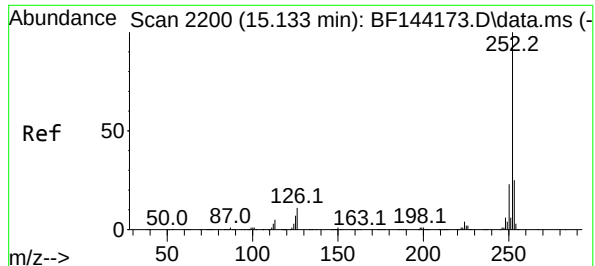
Tgt Ion:276 Resp: 1215637
Ion Ratio Lower Upper
276 100
138 16.6 13.9 20.9
277 24.9 19.8 29.6



#88
Benzo(b)fluoranthene
Concen: 80.454 ng
RT: 15.110 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:252 Resp: 975518
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 6.1 5.3 7.9





#89

Benzo(k)fluoranthene

Concen: 76.728 ng

RT: 15.145 min Scan# 2200

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

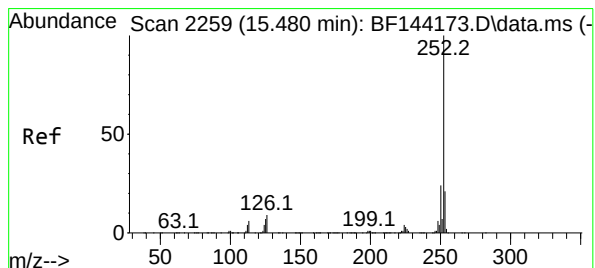
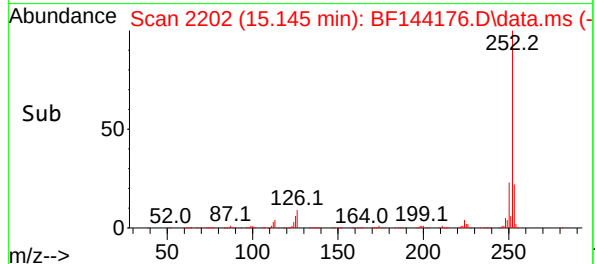
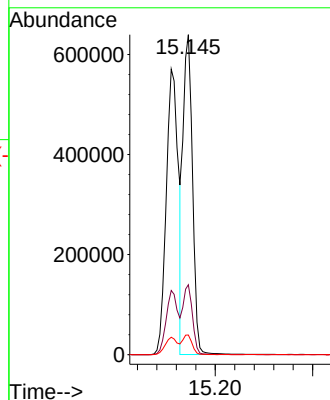
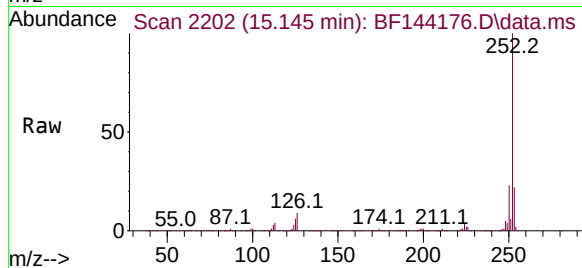
Tgt Ion:252 Resp: 870791

Ion Ratio Lower Upper

252 100

253 21.8 18.0 27.0

125 6.1 5.4 8.2



#90

Benzo(a)pyrene

Concen: 78.458 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

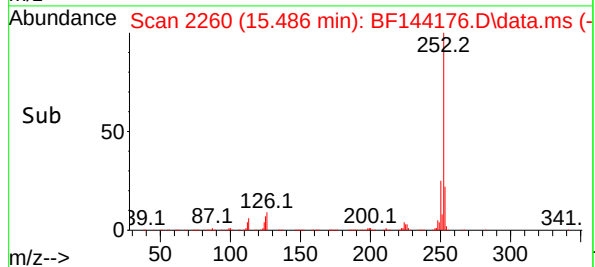
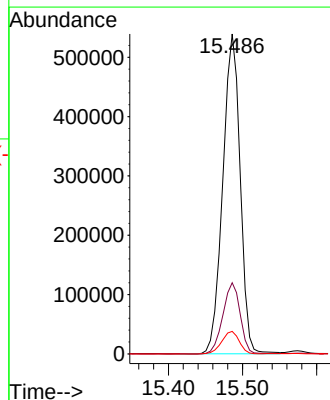
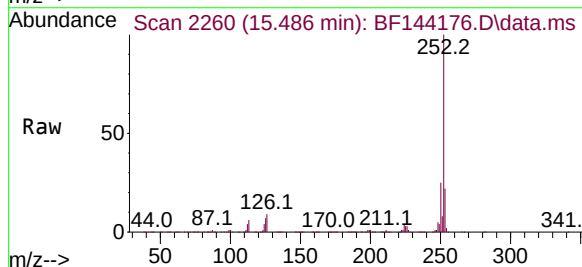
Tgt Ion:252 Resp: 877623

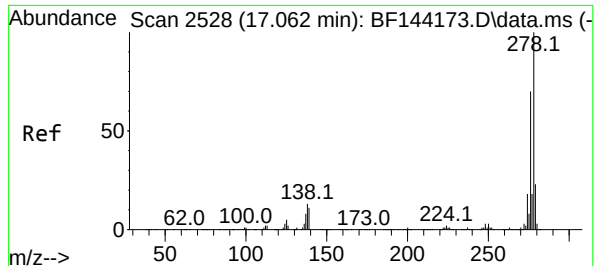
Ion Ratio Lower Upper

252 100

253 22.2 16.7 25.1

125 7.0 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 78.952 ng

RT: 17.080 min Scan# 2531

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

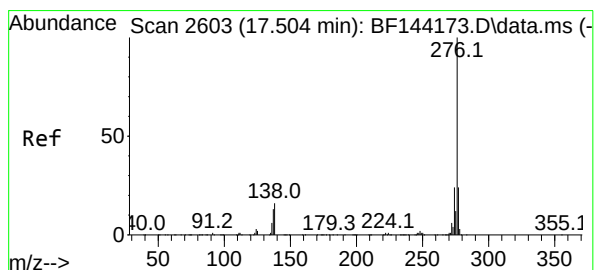
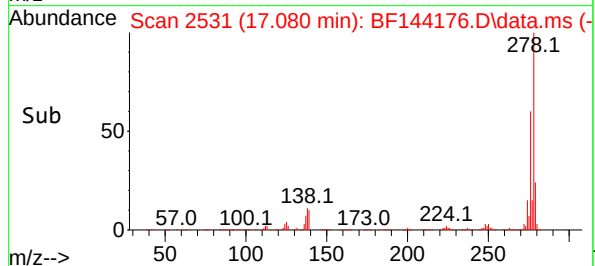
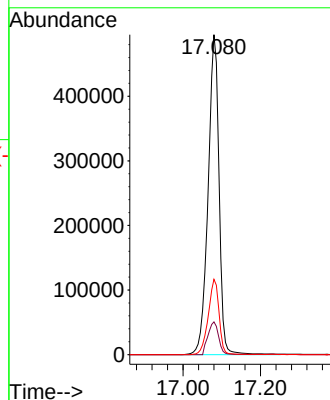
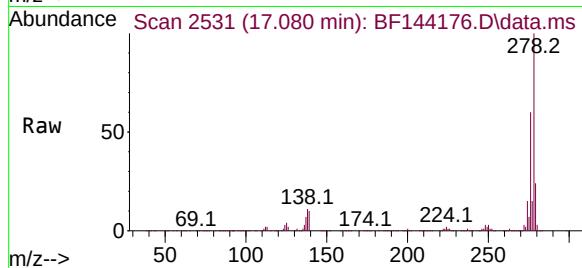
Tgt Ion:278 Resp: 970735

Ion Ratio Lower Upper

278 100

139 10.2 9.1 13.7

279 23.6 18.2 27.4



#92

Benzo(g,h,i)perylene

Concen: 80.827 ng

RT: 17.521 min Scan# 2606

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

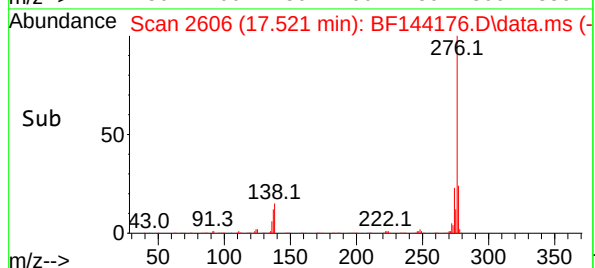
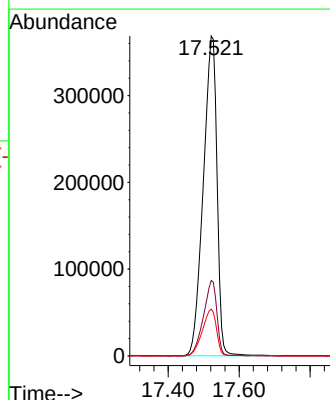
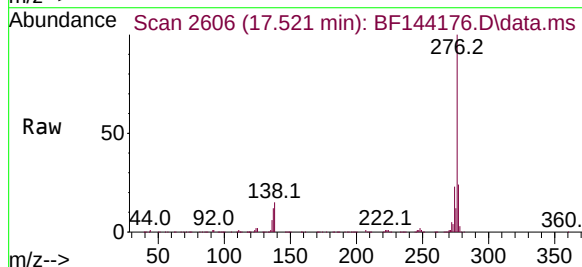
Tgt Ion:276 Resp: 981387

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.4

138 14.6 12.9 19.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144177.D
 Acq On : 05 Nov 2025 17:21
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110525

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/06/2025
 Supervised By :Jagrut Upadhyay 11/06/2025

Quant Time: Nov 05 17:56:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	69106	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	264133	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	143807	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	244964	20.000	ng	0.00
76) Chrysene-d12	14.057	240	162721	20.000	ng	0.00
86) Perylene-d12	15.539	264	215110	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	310198	70.243	ng	0.00
7) Phenol-d6	6.498	99	347682	69.484	ng	-0.01
23) Nitrobenzene-d5	7.440	82	313737	68.601	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	122691	67.987	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	679055	69.741	ng	0.00
79) Terphenyl-d14	12.992	244	689624	67.318	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.605	88	63887	34.992	ng	99
3) Pyridine	3.375	79	165752	32.541	ng	98
4) n-Nitrosodimethylamine	3.322	42	96379	36.224	ng	99
6) Aniline	6.534	93	264913	37.159	ng	99
8) 2-Chlorophenol	6.657	128	151995	35.096	ng	100
9) Benzaldehyde	6.428	77	128101	45.337	ng	99
10) Phenol	6.516	94	217418	35.563	ng	98
11) bis(2-Chloroethyl)ether	6.610	93	156661	35.167	ng	98
12) 1,3-Dichlorobenzene	6.816	146	192589	36.038	ng	98
13) 1,4-Dichlorobenzene	6.893	146	191978	35.858	ng	98
14) 1,2-Dichlorobenzene	7.045	146	189651	36.957	ng	98
15) Benzyl Alcohol	7.016	79	141026	35.593	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	289907	35.340	ng	99
17) 2-Methylphenol	7.122	107	119633	34.723	ng	97
18) Hexachloroethane	7.387	117	64124	36.050	ng	99
19) n-Nitroso-di-n-propyla...	7.281	70	112165	34.051	ng	95
20) 3+4-Methylphenols	7.275	107	145554	35.839	ng	# 89
22) Acetophenone	7.281	105	204331	36.061	ng	98
24) Nitrobenzene	7.457	77	172618	34.763	ng	99
25) Isophorone	7.692	82	300648	34.755	ng	100
26) 2-Nitrophenol	7.775	139	89771	36.521	ng	96
27) 2,4-Dimethylphenol	7.804	122	144915	39.334	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	191347	35.422	ng	98
29) 2,4-Dichlorophenol	8.016	162	144739	34.086	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	155562	35.677	ng	99
31) Naphthalene	8.181	128	438013	34.861	ng	99
32) Benzoic acid	7.916	122	81416m	30.148	ng	
33) 4-Chloroaniline	8.228	127	177275	38.685	ng	98
34) Hexachlorobutadiene	8.292	225	113543	34.552	ng	99
35) Caprolactam	8.592	113	38947	33.478	ng	97
36) 4-Chloro-3-methylphenol	8.704	107	130667	34.336	ng	98
37) 2-Methylnaphthalene	8.869	142	268630	31.978	ng	99
38) 1-Methylnaphthalene	8.969	142	271310	33.472	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	173491	36.811	ng	98
41) Hexachlorocyclopentadiene	9.022	237	69987	46.350	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	113418	35.357	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144177.D
 Acq On : 05 Nov 2025 17:21
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110525

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/06/2025
 Supervised By :Jagrut Upadhyay 11/06/2025

Quant Time: Nov 05 17:56:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

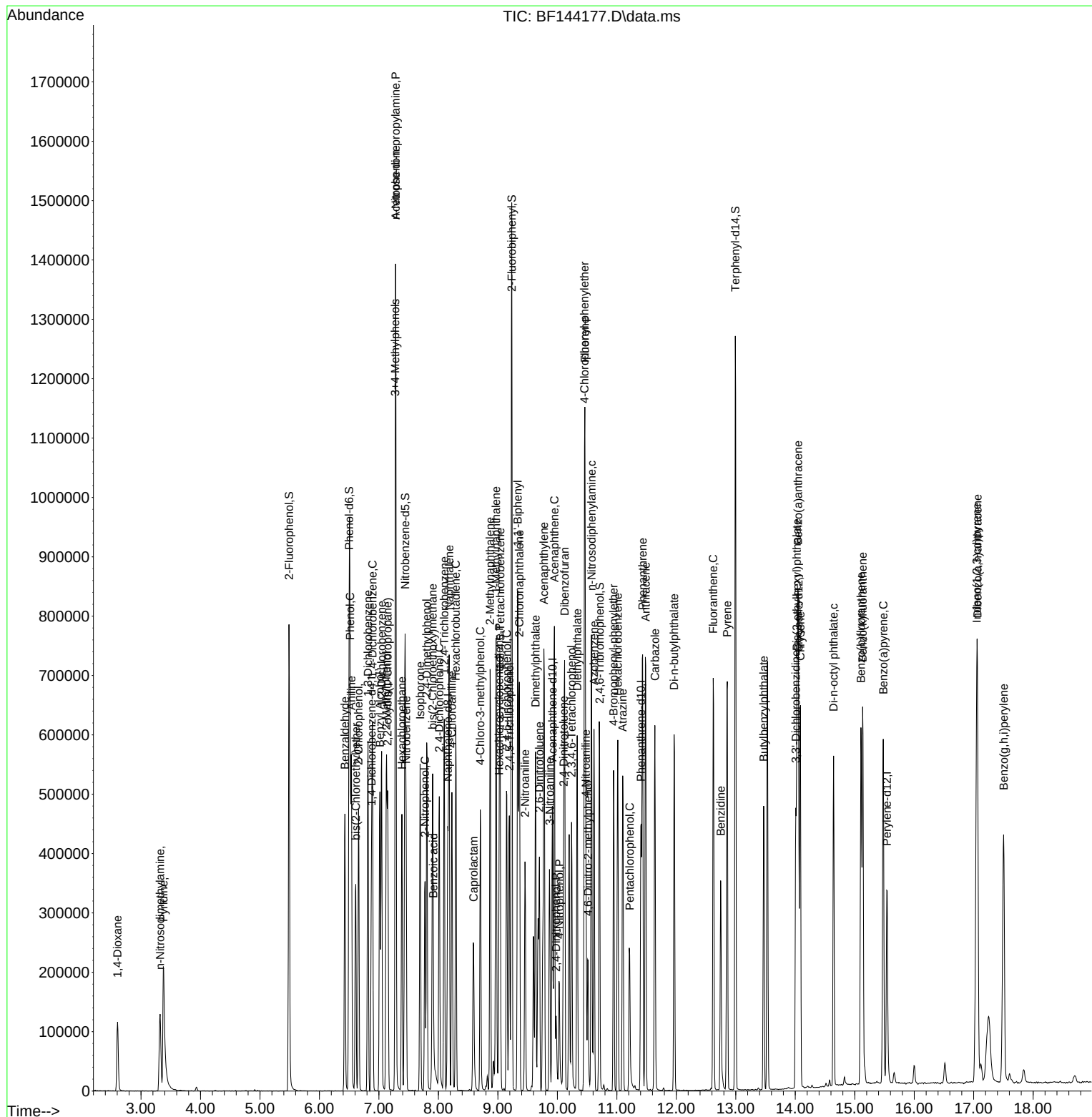
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	121621	35.179	ng	98
46) 1,1'-Biphenyl	9.334	154	366655	36.526	ng	99
47) 2-Chloronaphthalene	9.363	162	300481	35.092	ng	99
48) 2-Nitroaniline	9.457	65	88055	35.641	ng	97
49) Acenaphthylene	9.775	152	464616	39.818	ng	99
50) Dimethylphthalate	9.634	163	334163	35.076	ng	99
51) 2,6-Dinitrotoluene	9.698	165	70890	36.758	ng	97
52) Acenaphthene	9.951	154	262974	33.702	ng	98
53) 3-Nitroaniline	9.869	138	74572	35.372	ng	98
54) 2,4-Dinitrophenol	9.981	184	33460	28.732	ng	97
55) Dibenzofuran	10.122	168	389072	35.602	ng	99
56) 4-Nitrophenol	10.034	139	47167	30.929	ng	93
57) 2,4-Dinitrotoluene	10.104	165	92928	35.994	ng	98
58) Fluorene	10.463	166	298316	35.903	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	91542	37.425	ng	98
60) Diethylphthalate	10.333	149	304274	34.646	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	165662	35.002	ng	98
62) 4-Nitroaniline	10.481	138	70828	35.278	ng	97
63) Azobenzene	10.616	77	293901	35.958	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	52164	31.346	ng	96
66) n-Nitrosodiphenylamine	10.575	169	285930	36.292	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	106730	34.135	ng	97
68) Hexachlorobenzene	11.016	284	128202	34.810	ng	98
69) Atrazine	11.098	200	92182	36.790	ng	97
70) Pentachlorophenol	11.216	266	59981	32.706	ng	99
71) Phenanthrene	11.433	178	427466	35.049	ng	99
72) Anthracene	11.486	178	437609	35.286	ng	100
73) Carbazole	11.639	167	360909	34.224	ng	99
74) Di-n-butylphthalate	11.963	149	440261	34.535	ng	99
75) Fluoranthene	12.622	202	432624	34.338	ng	99
77) Benzidine	12.745	184	217389	45.165	ng	99
78) Pyrene	12.857	202	433110	33.011	ng	99
80) Butylbenzylphthalate	13.469	149	157485	34.633	ng	98
81) Benzo(a)anthracene	14.045	228	377686	33.489	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	153129	39.612	ng	96
83) Chrysene	14.086	228	359786	34.559	ng	97
84) Bis(2-ethylhexyl)phtha...	14.027	149	217122	34.880	ng	99
85) Di-n-octyl phthalate	14.645	149	377429	35.142	ng	99
87) Indeno(1,2,3-cd)pyrene	17.051	276	525298	34.019	ng	100
88) Benzo(b)fluoranthene	15.104	252	428292	35.021	ng	99
89) Benzo(k)fluoranthene	15.133	252	371234	32.431	ng	99
90) Benzo(a)pyrene	15.480	252	399556	35.415	ng	100
91) Dibenzo(a,h)anthracene	17.062	278	423195	34.126	ng	99
92) Benzo(g,h,i)perylene	17.504	276	426866	34.857	ng	98

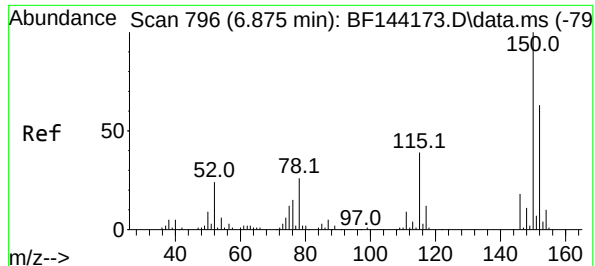
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_F
ClientSampleId :
ICVBF110525

Manual Integrations APPROVED

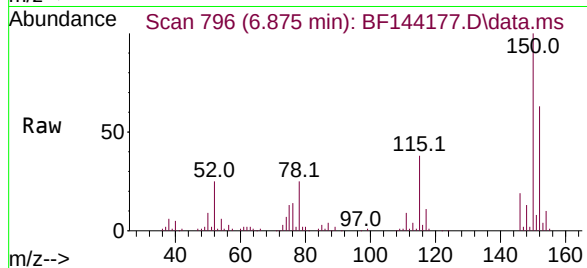
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

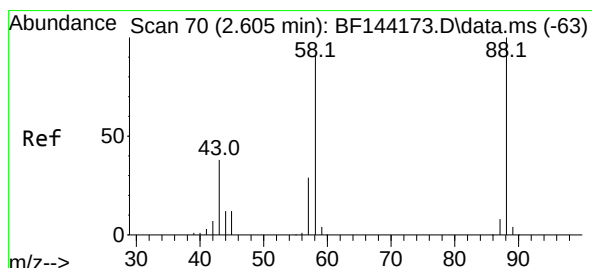
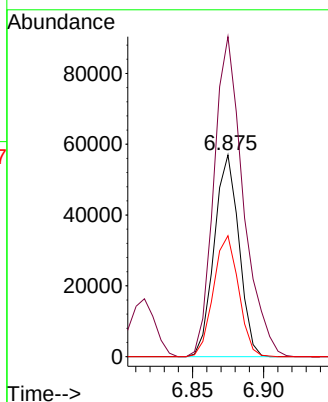
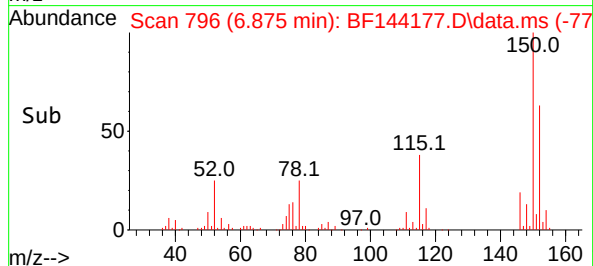
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion:152 Resp: 69106
Ion Ratio Lower Upper
152 100
150 158.6 127.4 191.0
115 59.9 49.5 74.3

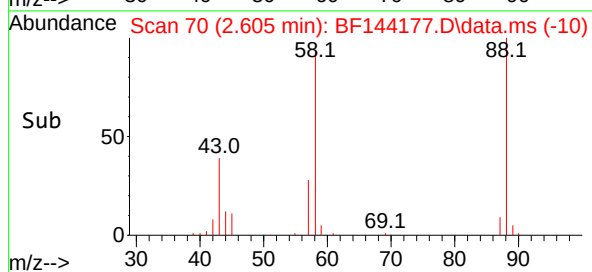
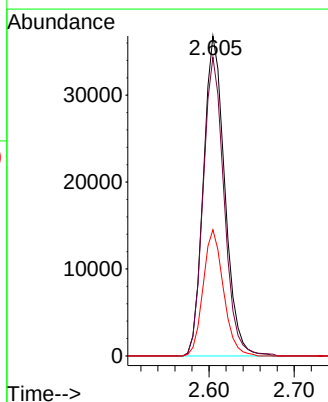
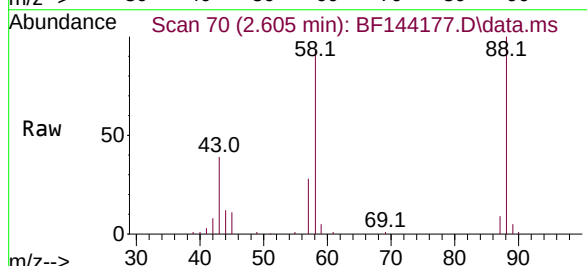
Manual Integrations
APPROVED

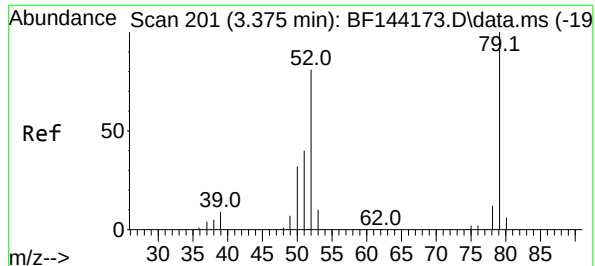
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#2
1,4-Dioxane
Concen: 34.992 ng
RT: 2.605 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion: 88 Resp: 63887
Ion Ratio Lower Upper
88 100
58 91.6 73.1 109.7
43 37.5 31.0 46.6





#3

Pyridine

Concen: 32.541 ng

RT: 3.375 min Scan# 201

Delta R.T. 0.000 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

Tgt Ion: 79 Resp: 165752

Ion Ratio Lower Upper

79 100

52 82.0 64.5 96.7

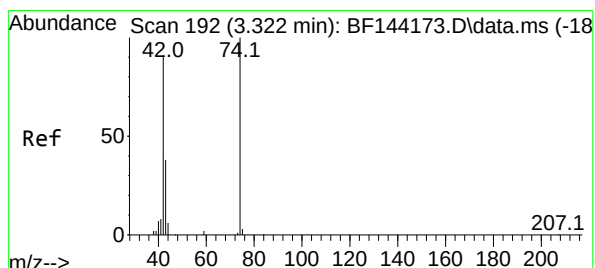
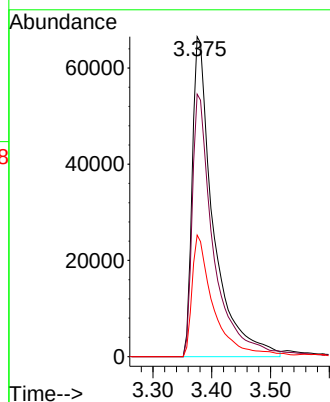
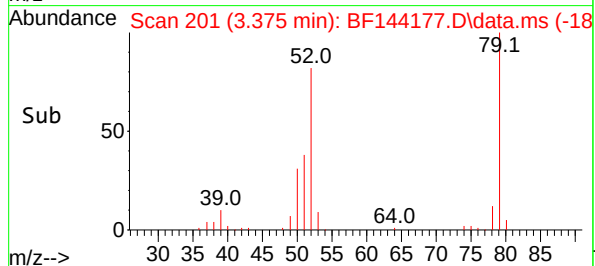
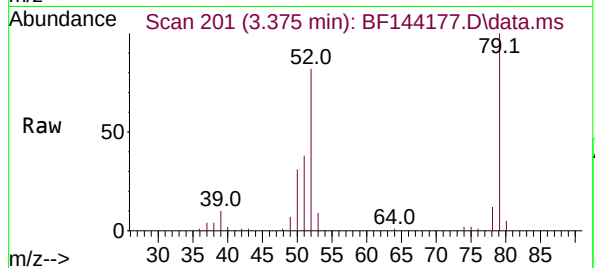
51 38.0 31.7 47.5

Manual Integrations

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Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#4

n-Nitrosodimethylamine

Concen: 36.224 ng

RT: 3.322 min Scan# 192

Delta R.T. -0.023 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

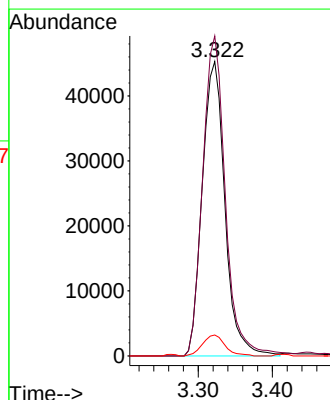
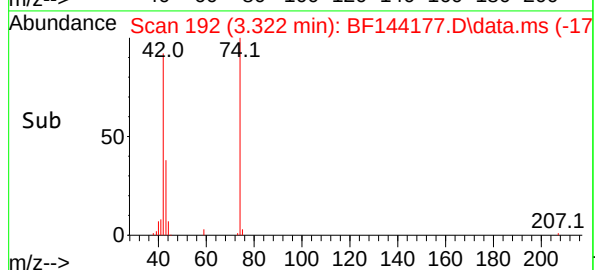
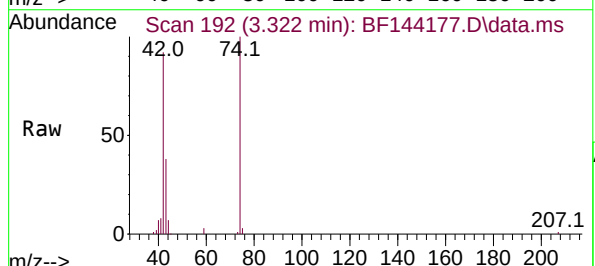
Tgt Ion: 42 Resp: 96379

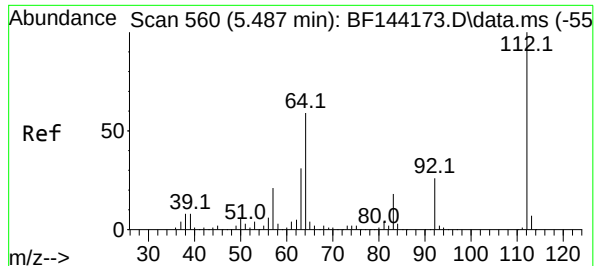
Ion Ratio Lower Upper

42 100

74 108.7 88.2 132.4

44 7.1 5.7 8.5





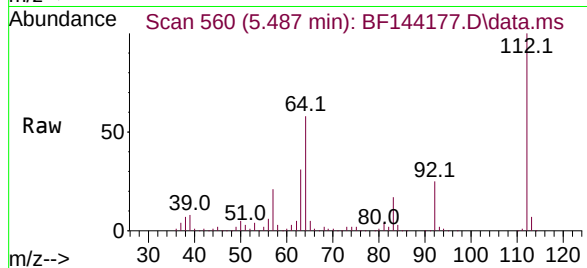
#5
2-Fluorophenol
Concen: 70.243 ng
RT: 5.487 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

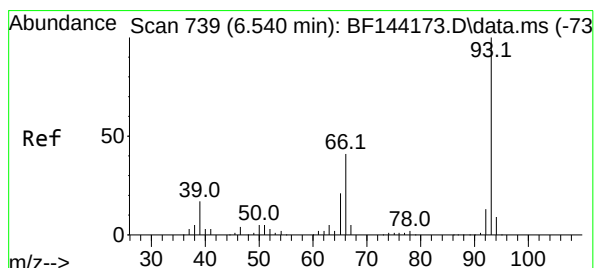
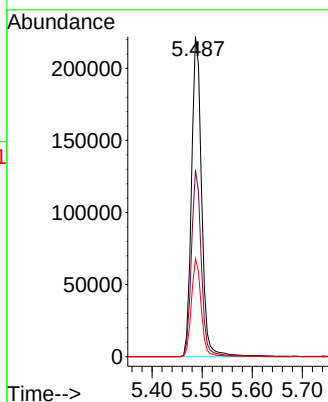
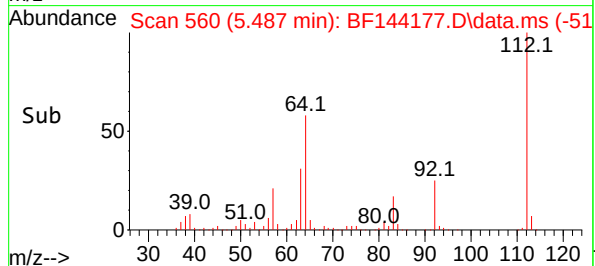


Tgt Ion:112 Resp: 310198
Ion Ratio Lower Upper
112 100
64 58.4 47.2 70.8
63 30.6 24.4 36.6

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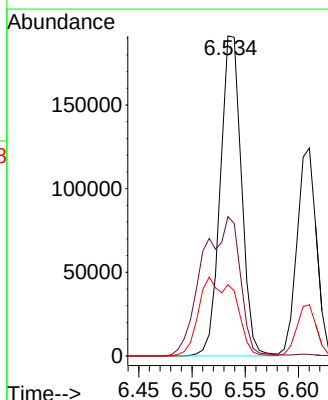
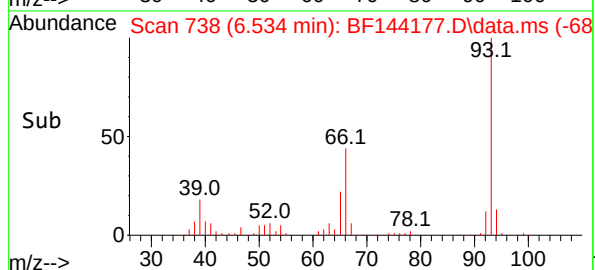
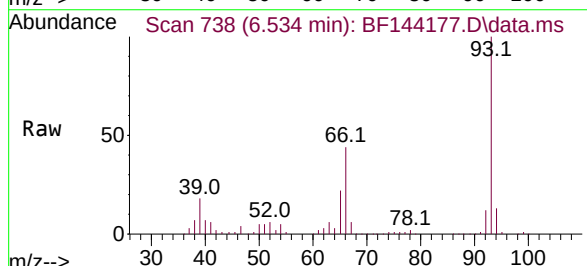
APPROVED

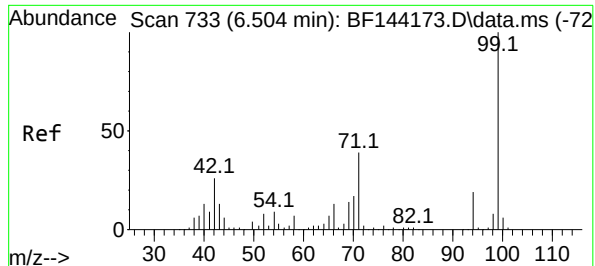
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#6
Aniline
Concen: 37.159 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.012 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

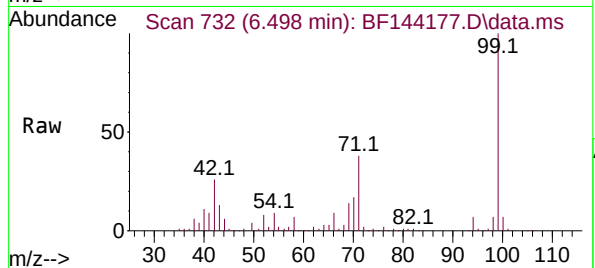
Tgt Ion: 93 Resp: 264913
Ion Ratio Lower Upper
93 100
66 43.5 34.3 51.5
65 22.2 16.9 25.3





#7
Phenol-d6
Concen: 69.484 ng
RT: 6.498 min Scan# 733
Delta R.T. -0.012 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

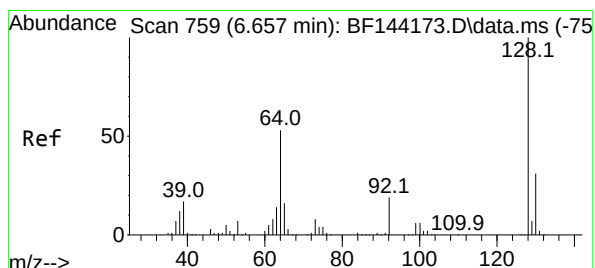
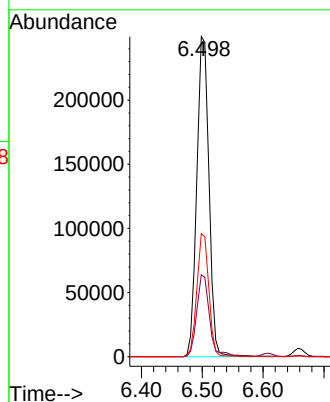
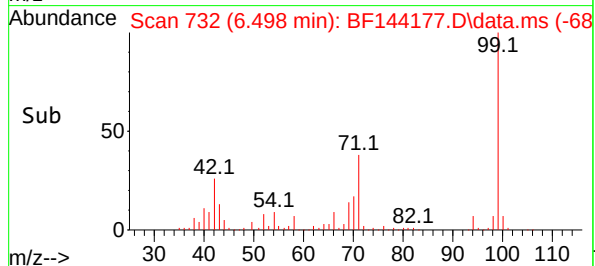
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion: 99 Resp: 347682
Ion Ratio Lower Upper
99 100
42 25.6 20.9 31.3
71 38.4 31.4 47.2

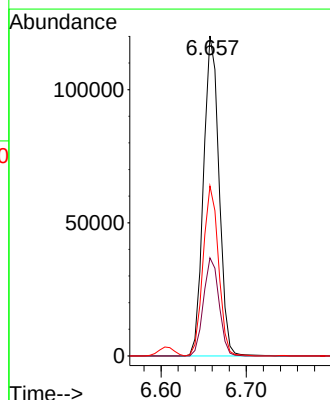
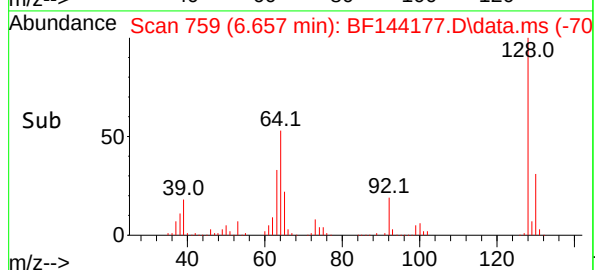
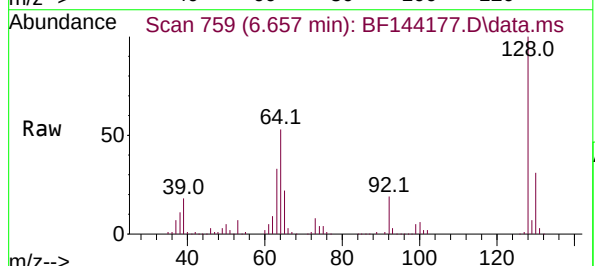
Manual Integrations
APPROVED

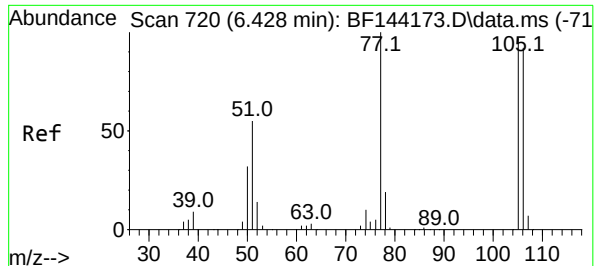
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#8
2-Chlorophenol
Concen: 35.096 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:128 Resp: 151995
Ion Ratio Lower Upper
128 100
130 30.6 10.5 50.5
64 53.1 33.2 73.2





#9

Benzaldehyde

Concen: 45.337 ng

RT: 6.428 min Scan# 720

Delta R.T. 0.000 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

Tgt Ion: 77 Resp: 12810

Ion Ratio Lower Upper

77 100

105 95.1 77.2 117.2

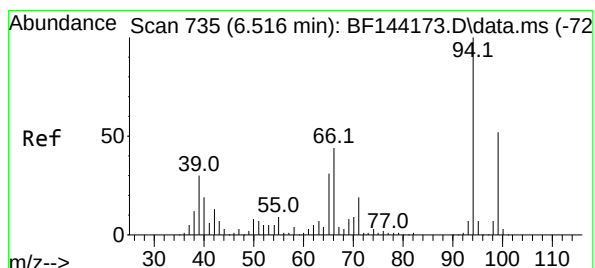
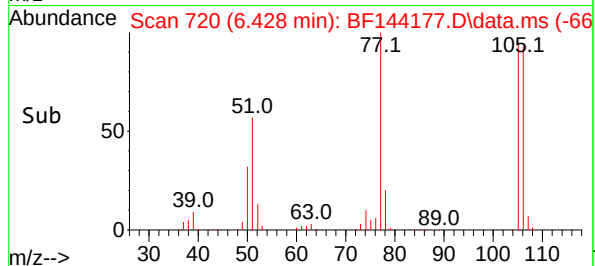
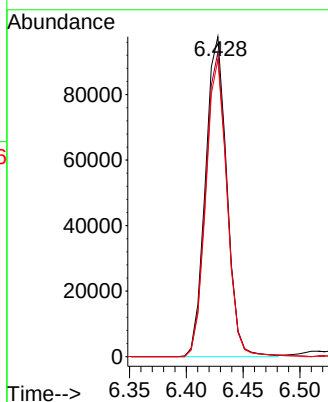
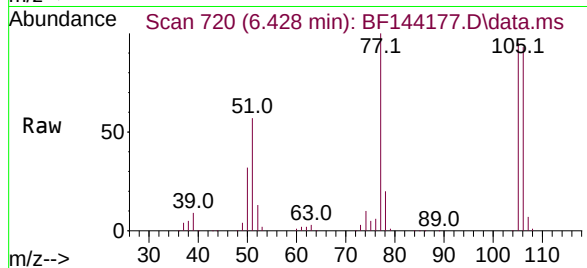
106 92.9 72.2 112.2

Manual Integrations

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Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#10

Phenol

Concen: 35.563 ng

RT: 6.516 min Scan# 735

Delta R.T. -0.012 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

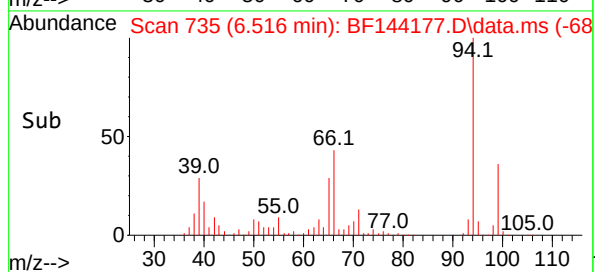
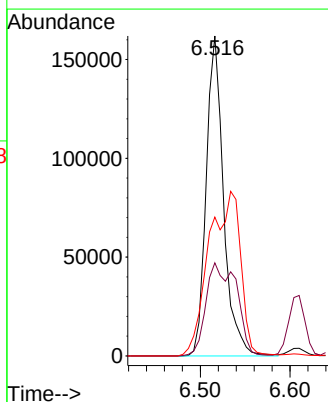
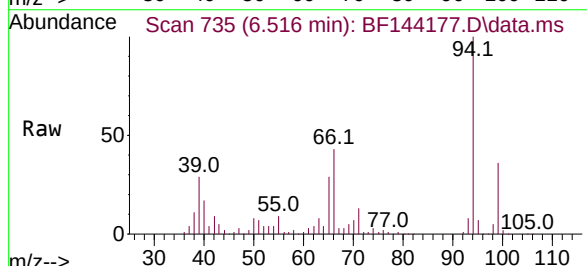
Tgt Ion: 94 Resp: 217418

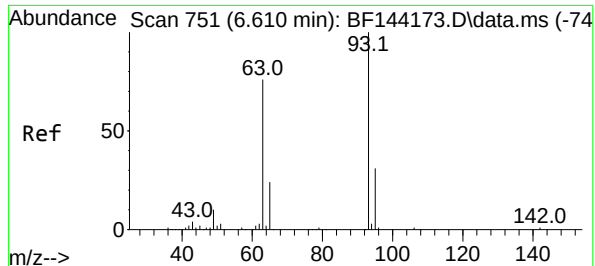
Ion Ratio Lower Upper

94 100

65 29.1 10.8 50.8

66 43.4 24.3 64.3





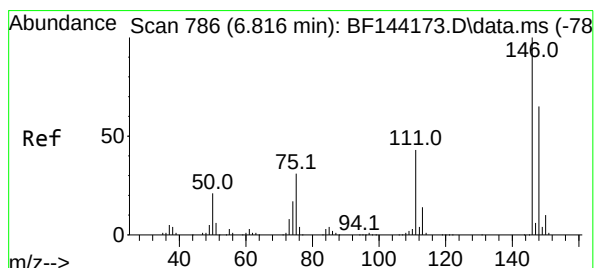
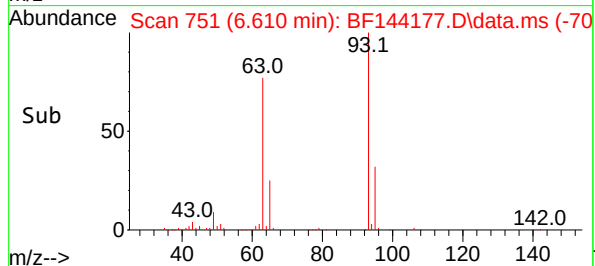
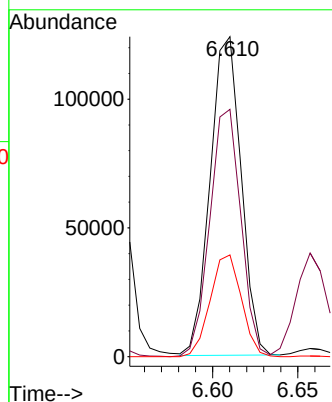
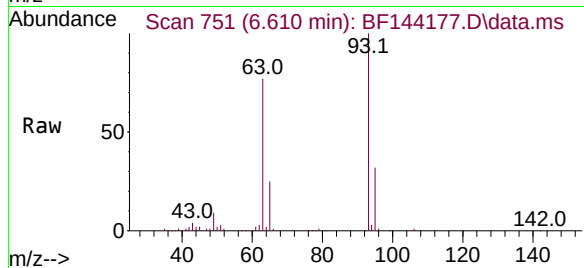
#11
bis(2-Chloroethyl)ether
Concen: 35.167 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Instrument :
BNA_F
ClientSampleId :
ICVBF110525

Tgt Ion: 93 Resp: 156663
Ion Ratio Lower Upper
93 100
63 77.3 55.2 95.2
95 31.8 11.2 51.2

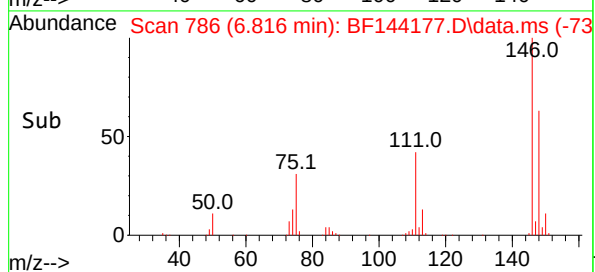
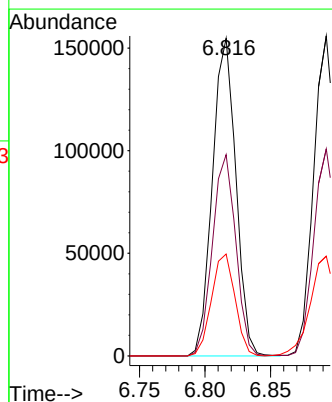
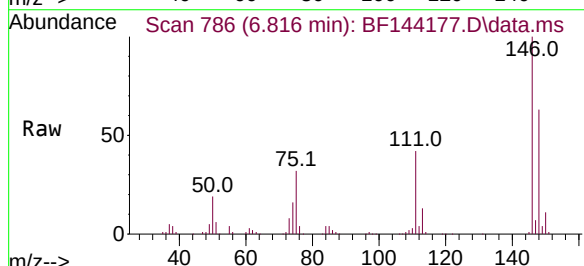
Manual Integrations
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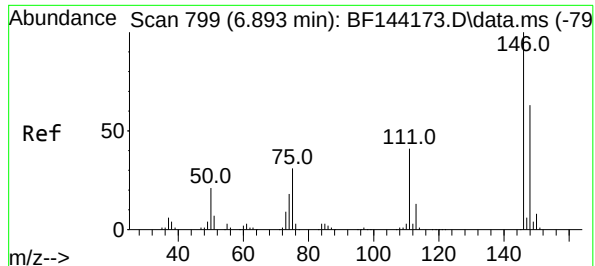
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#12
1,3-Dichlorobenzene
Concen: 36.038 ng
RT: 6.816 min Scan# 786
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:146 Resp: 192589
Ion Ratio Lower Upper
146 100
148 63.4 51.8 77.8
75 32.1 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 35.858 ng

RT: 6.893 min Scan# 799

Delta R.T. 0.000 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

Tgt Ion:146 Resp: 191978

Ion Ratio Lower Upper

146 100

148 64.7 50.2 75.2

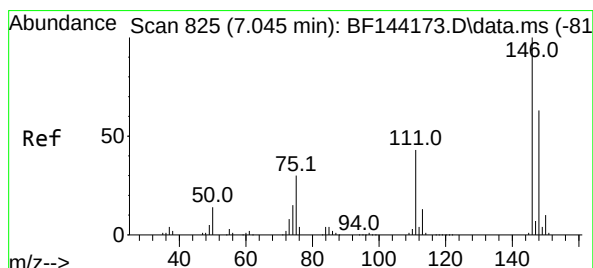
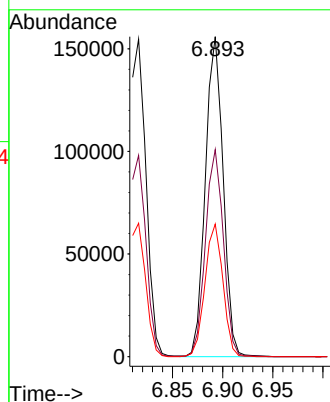
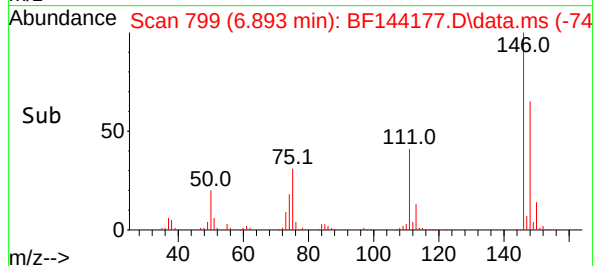
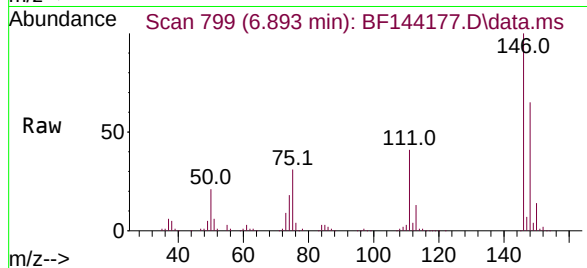
111 41.4 32.6 48.8

Manual Integrations

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Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#14

1,2-Dichlorobenzene

Concen: 36.957 ng

RT: 7.045 min Scan# 825

Delta R.T. 0.000 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

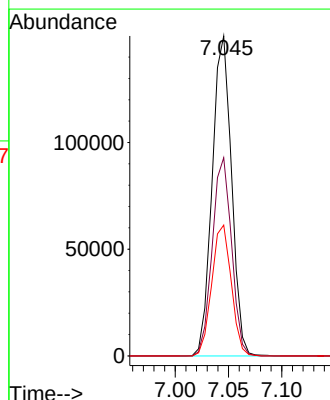
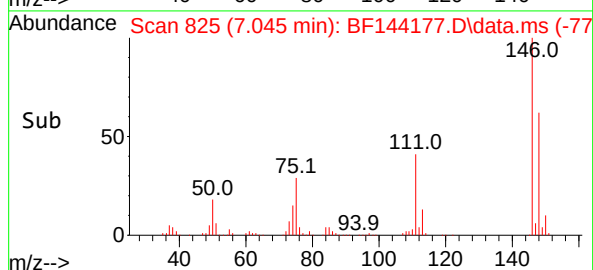
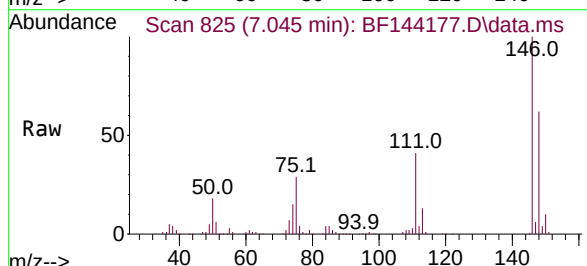
Tgt Ion:146 Resp: 189651

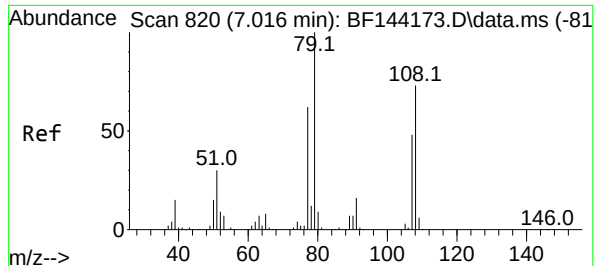
Ion Ratio Lower Upper

146 100

148 61.9 50.7 76.1

111 40.9 34.2 51.4





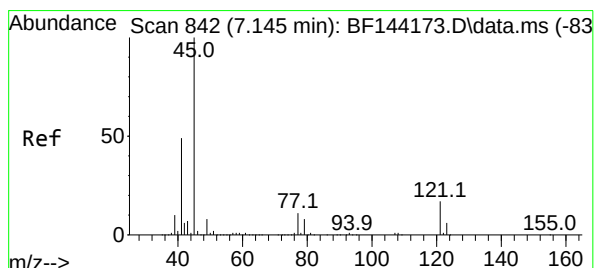
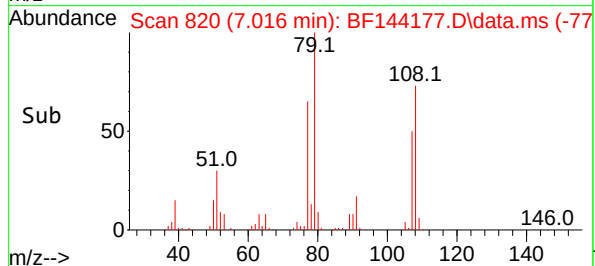
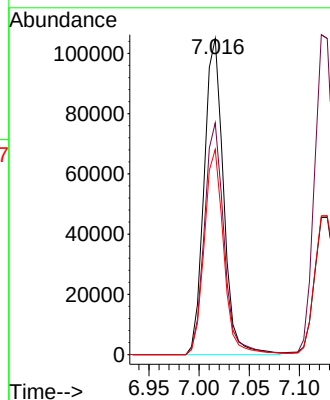
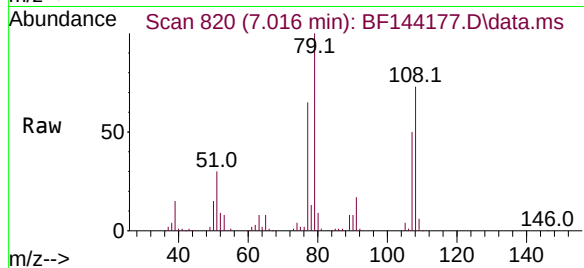
#15
Benzyl Alcohol
Concen: 35.593 ng
RT: 7.016 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Instrument :
BNA_F
ClientSampleId :
ICVBF110525

Tgt Ion: 79 Resp: 141026
Ion Ratio Lower Upper
79 100
108 73.3 58.2 87.4
77 64.9 49.9 74.9

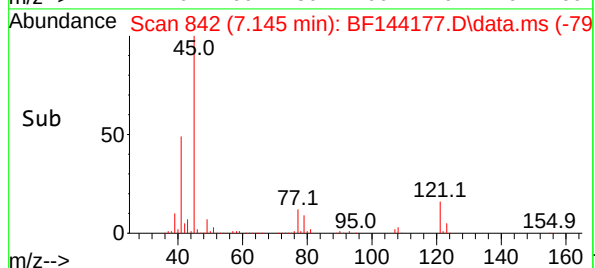
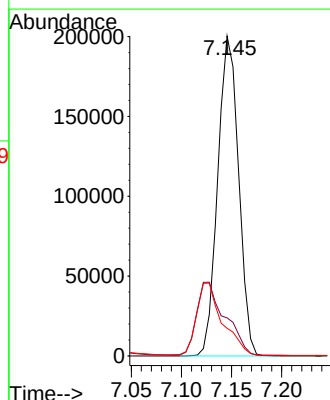
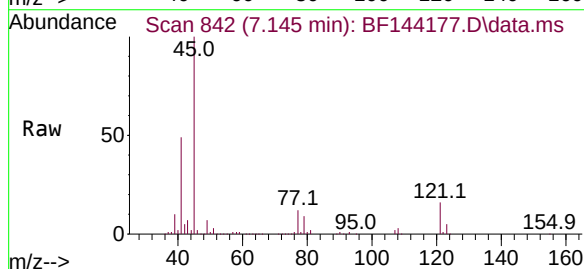
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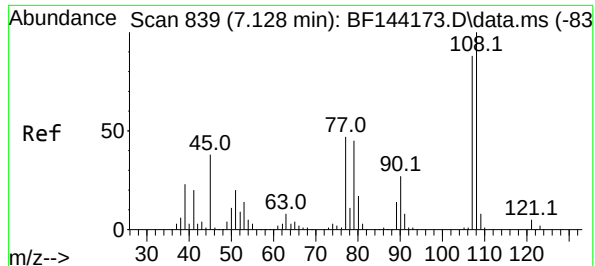
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.340 ng
RT: 7.145 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

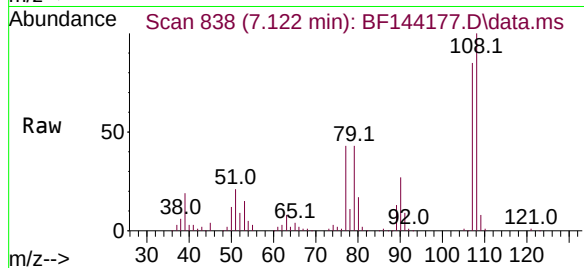
Tgt Ion: 45 Resp: 289907
Ion Ratio Lower Upper
45 100
77 11.9 0.0 31.8
79 8.6 0.0 29.1





#17
2-Methylphenol
Concen: 34.723 ng
RT: 7.122 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

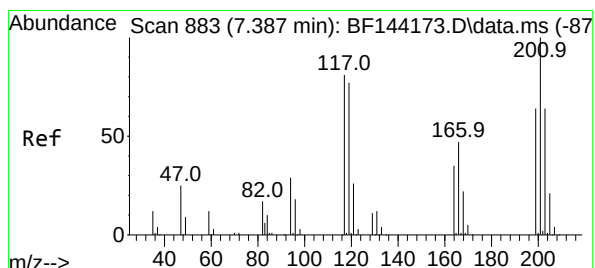
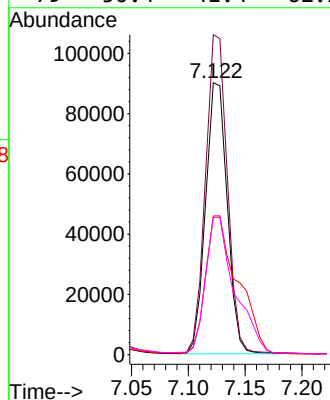
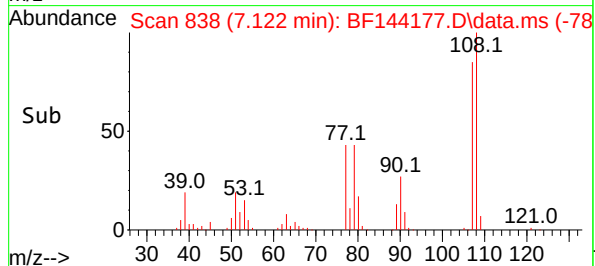
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion:107 Resp: 119633
Ion Ratio Lower Upper
107 100
108 117.7 91.0 136.4
77 51.0 42.7 64.1
79 50.4 41.4 62.2

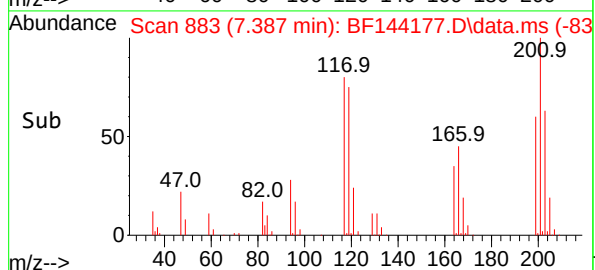
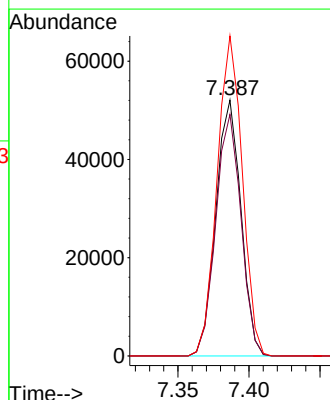
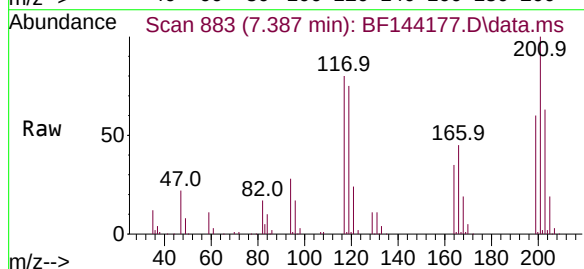
Manual Integrations
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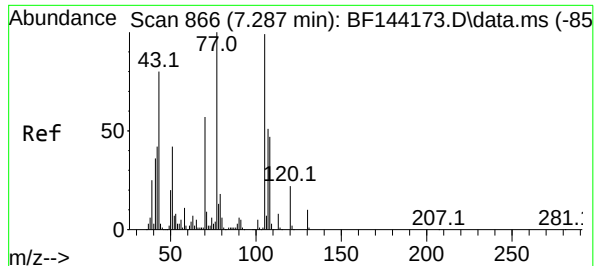
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#18
Hexachloroethane
Concen: 36.050 ng
RT: 7.387 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:117 Resp: 64124
Ion Ratio Lower Upper
117 100
119 94.5 75.8 113.8
201 125.1 98.9 148.3





#19

n-Nitroso-di-n-propylamine

Concen: 34.051 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.018 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

Tgt Ion: 70 Resp: 112165

Ion Ratio Lower Upper

70 100

42 78.4 58.3 87.5

101 9.1 7.0 10.6

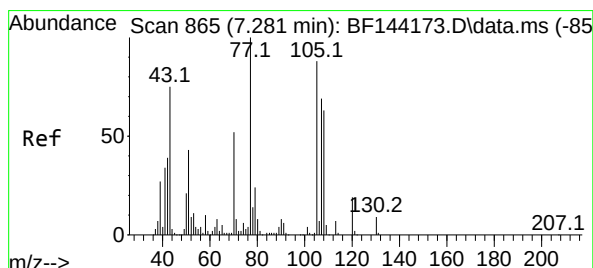
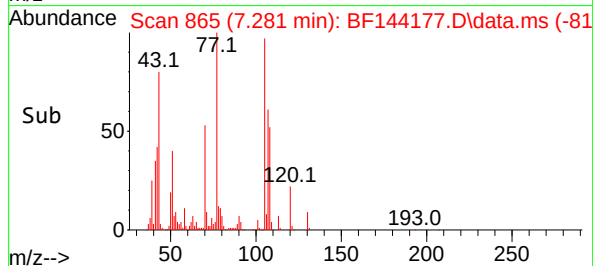
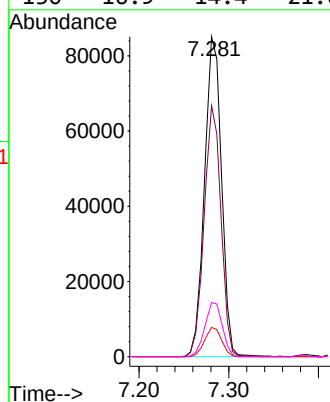
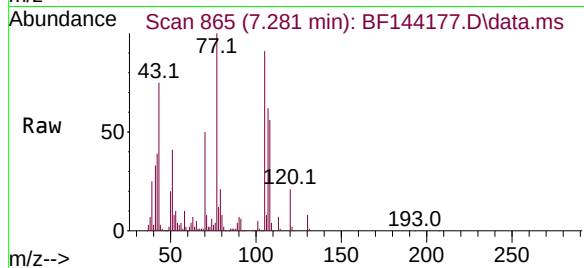
130 16.9 14.4 21.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#20

3+4-Methylphenols

Concen: 35.839 ng

RT: 7.275 min Scan# 864

Delta R.T. -0.012 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Tgt Ion:107 Resp: 145554

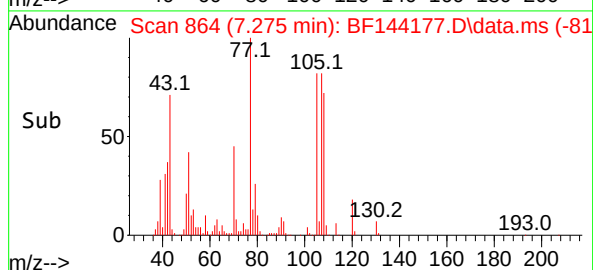
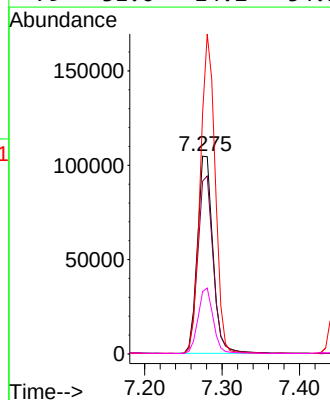
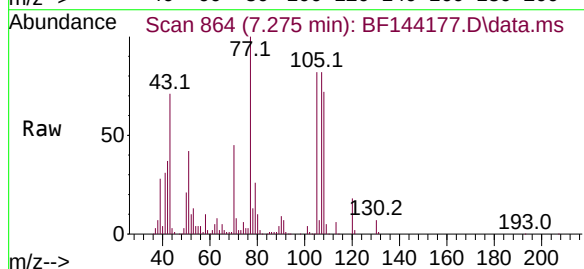
Ion Ratio Lower Upper

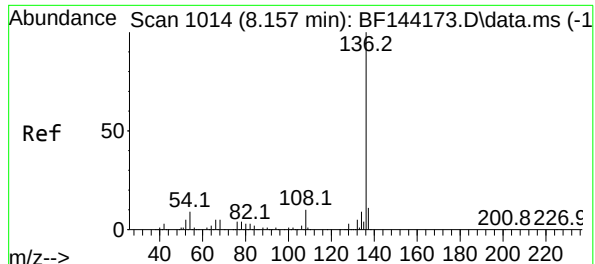
107 100

108 87.4 70.2 110.2

77 121.6 123.9 163.9#

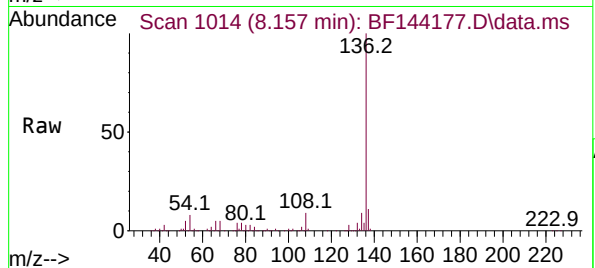
79 31.6 14.2 54.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

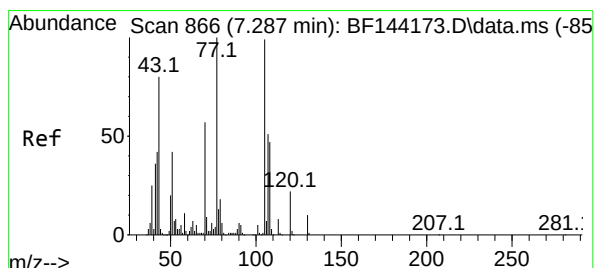
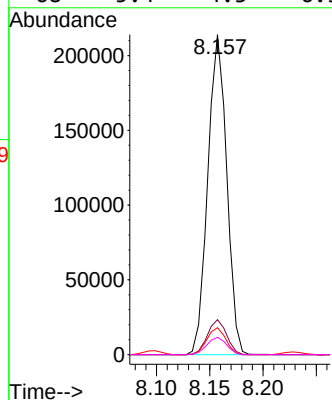
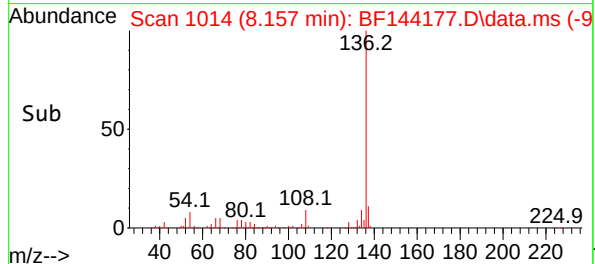
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



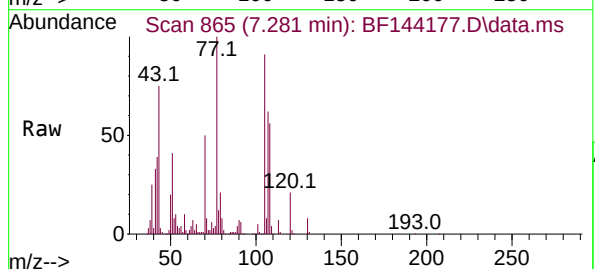
Tgt Ion:136 Resp: 264133
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.4 7.0 10.6
68 5.4 4.3 6.5

Manual Integrations
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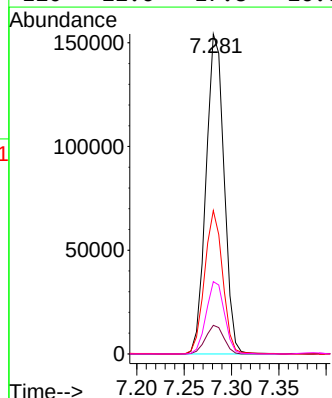
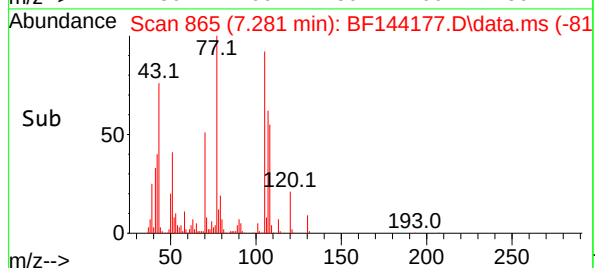
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

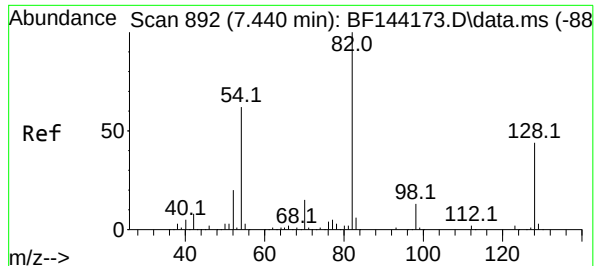


#22
Acetophenone
Concen: 36.061 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.012 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21



Tgt Ion:105 Resp: 204331
Ion Ratio Lower Upper
105 100
71 8.9 7.2 10.8
51 44.8 34.0 51.0
120 22.6 17.8 26.6





#23

Nitrobenzene-d5

Concen: 68.601 ng

RT: 7.440 min Scan# 892

Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

Tgt Ion: 82 Resp: 31373

Ion Ratio Lower Upper

82 100

128 43.8 34.7 52.1

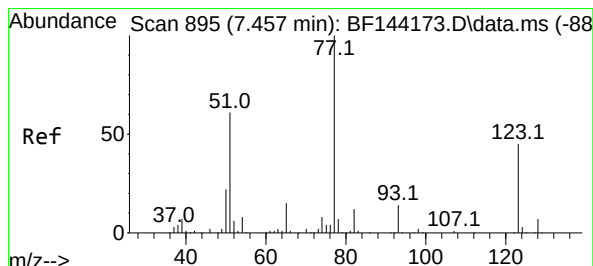
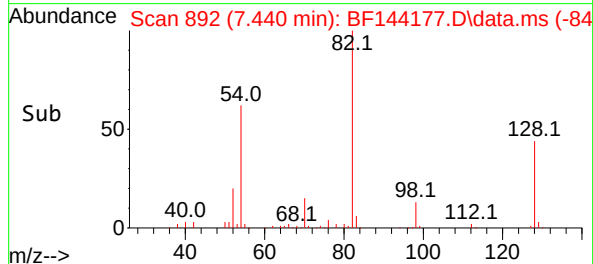
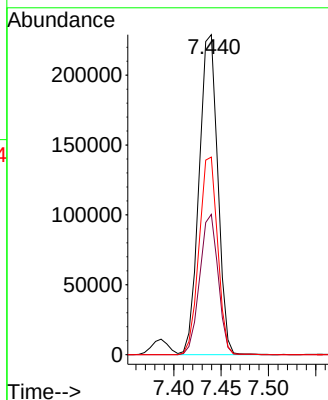
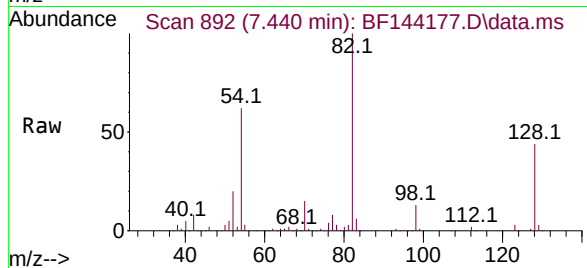
54 61.7 49.5 74.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#24

Nitrobenzene

Concen: 34.763 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

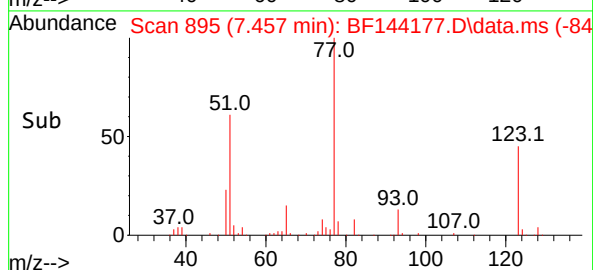
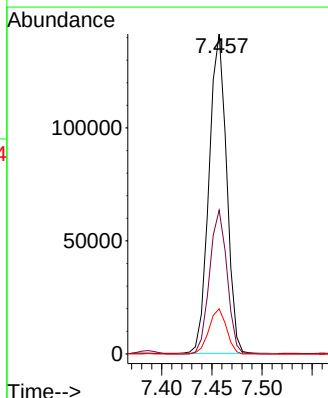
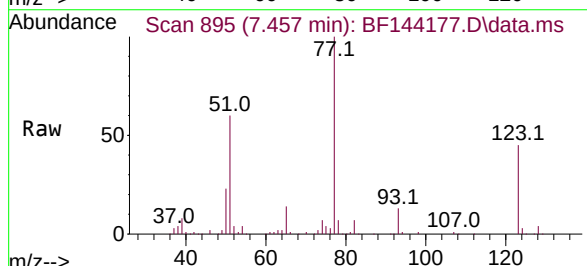
Tgt Ion: 77 Resp: 172618

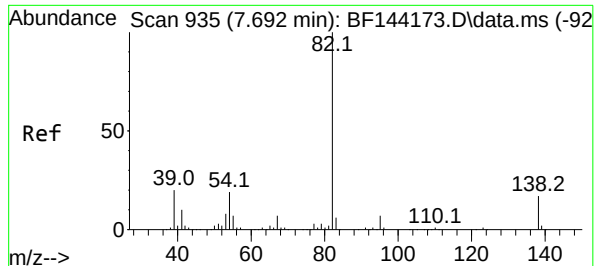
Ion Ratio Lower Upper

77 100

123 44.9 35.8 53.8

65 14.1 12.2 18.2





#25

Isophorone

Concen: 34.755 ng

RT: 7.692 min Scan# 935

Delta R.T. -0.012 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

Client Sample Id :

ICVBF110525

Tgt Ion: 82 Resp: 300648

Ion Ratio Lower Upper

82 100

95 7.0 5.5 8.3

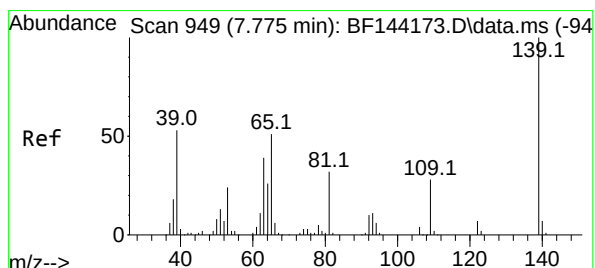
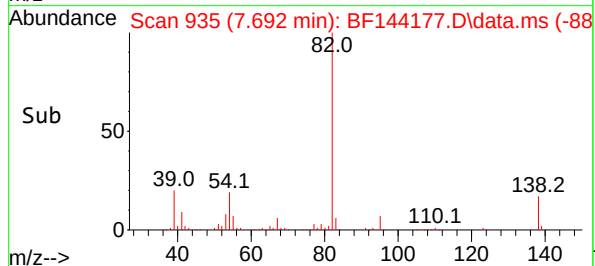
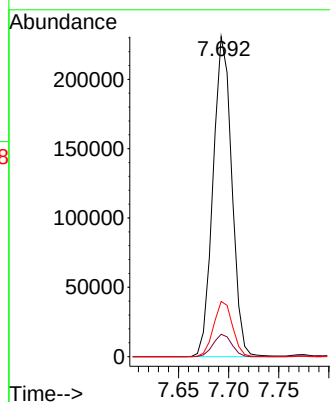
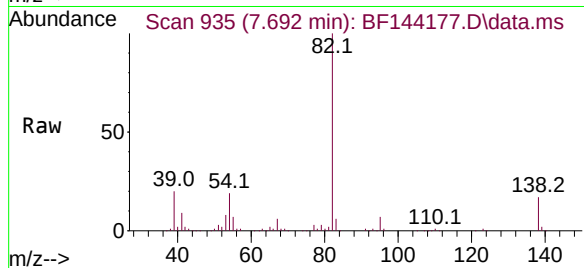
138 17.2 13.7 20.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#26

2-Nitrophenol

Concen: 36.521 ng

RT: 7.775 min Scan# 949

Delta R.T. 0.000 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

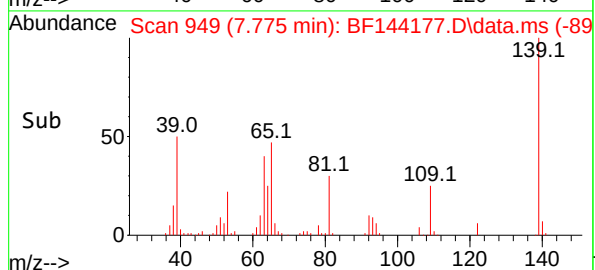
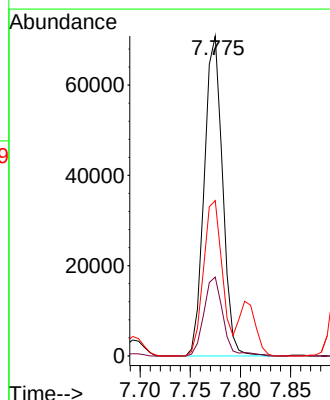
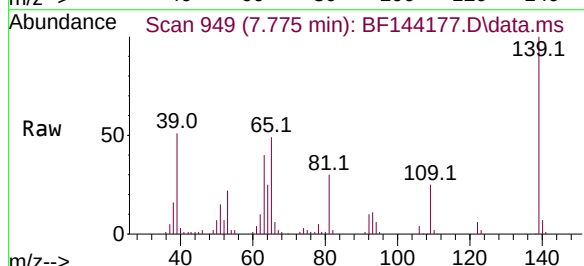
Tgt Ion:139 Resp: 89771

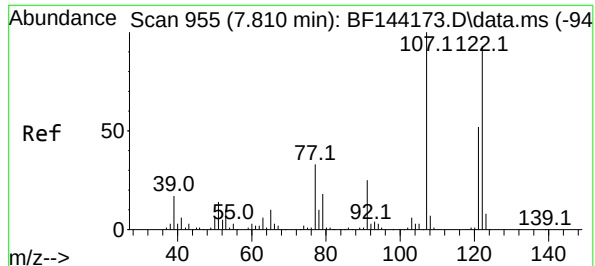
Ion Ratio Lower Upper

139 100

109 24.6 22.2 33.2

65 48.5 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 39.334 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

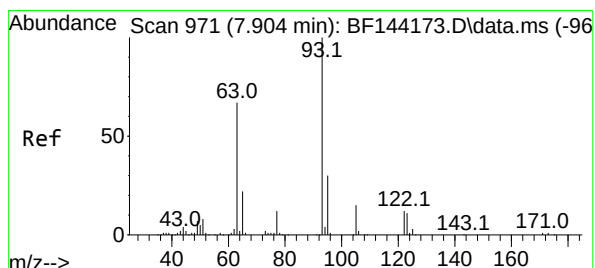
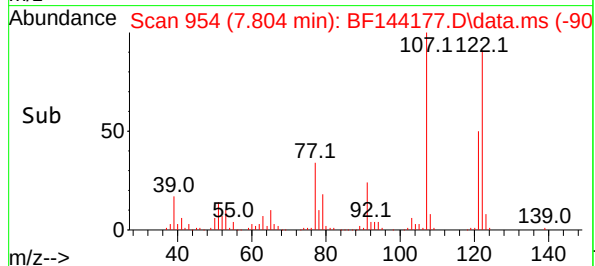
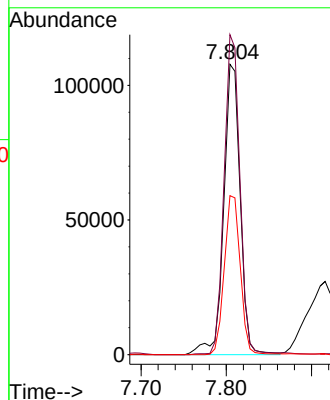
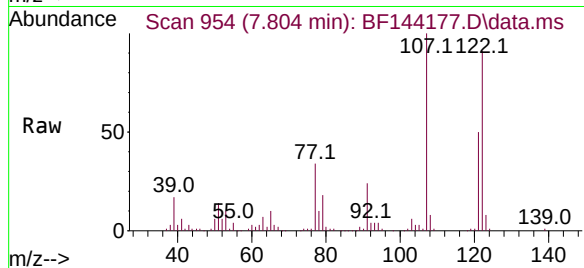
ICVBF110525

Tgt Ion:122 Resp: 144915
Ion Ratio Lower Upper
122 100
107 110.2 86.2 129.4
121 54.8 44.6 66.8

Manual Integrations

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Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#28

bis(2-Chloroethoxy)methane

Concen: 35.422 ng

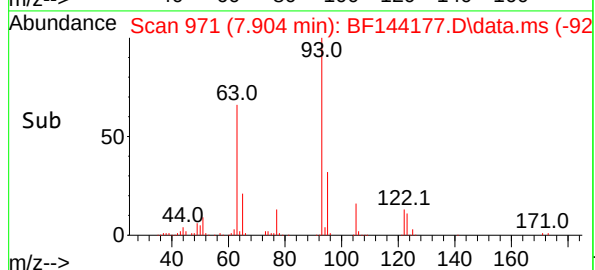
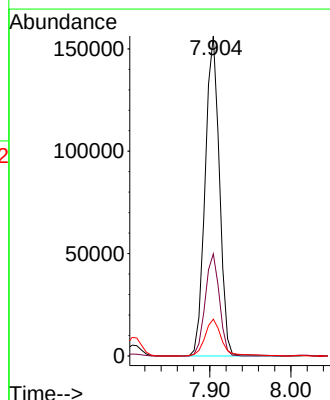
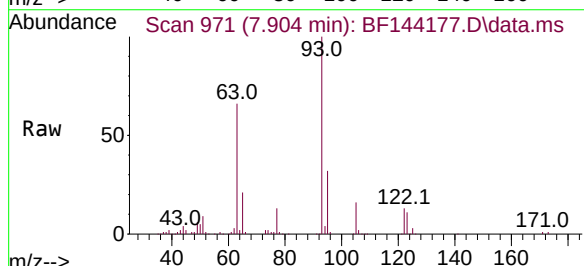
RT: 7.904 min Scan# 971

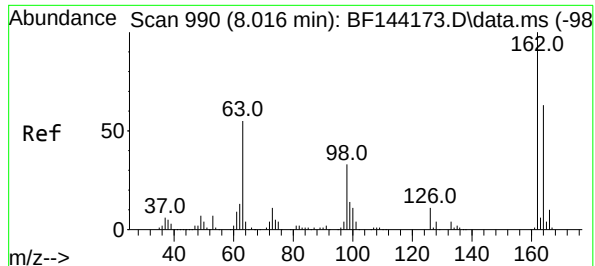
Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Tgt Ion: 93 Resp: 191347
Ion Ratio Lower Upper
93 100
95 31.9 24.2 36.4
123 11.5 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 34.086 ng

RT: 8.016 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

Tgt Ion:162 Resp: 144739

Ion Ratio Lower Upper

162 100

164 63.8 42.9 82.9

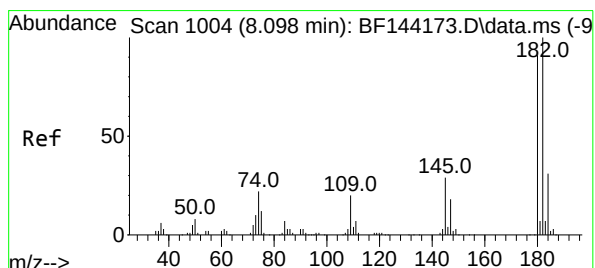
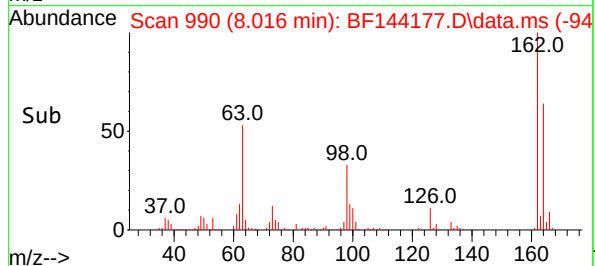
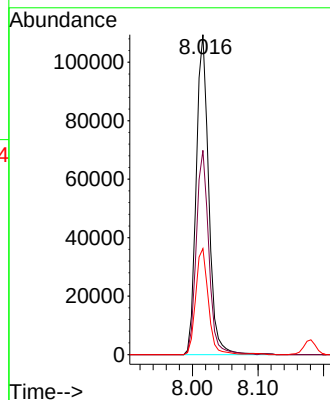
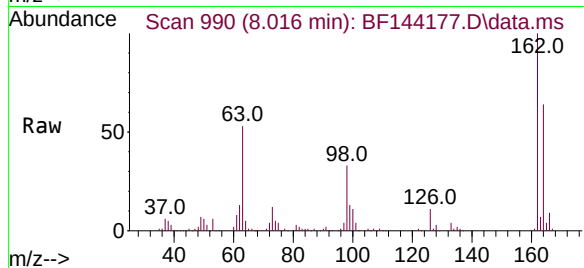
98 33.1 13.3 53.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#30

1,2,4-Trichlorobenzene

Concen: 35.677 ng

RT: 8.098 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

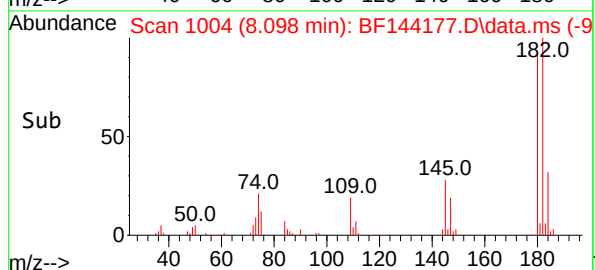
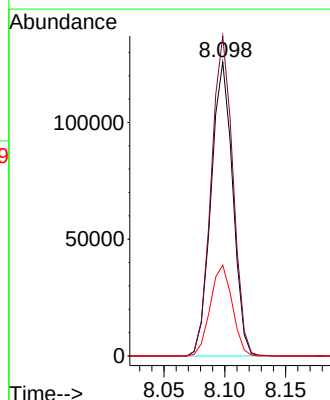
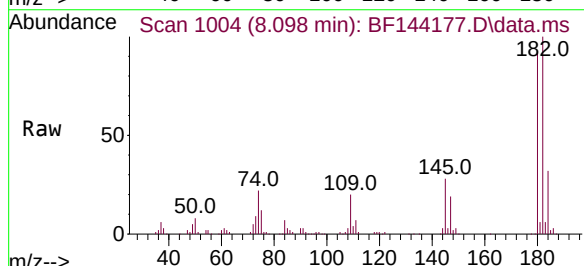
Tgt Ion:180 Resp: 155562

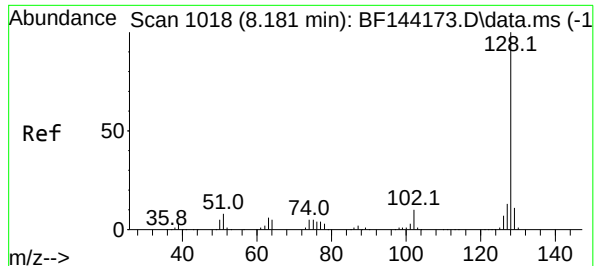
Ion Ratio Lower Upper

180 100

182 108.9 87.7 131.5

145 30.9 25.4 38.0





#31

Naphthalene

Concen: 34.861 ng

RT: 8.181 min Scan# 1018

Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

Tgt Ion:128 Resp: 438013

Ion Ratio Lower Upper

128 100

129 11.2 8.9 13.3

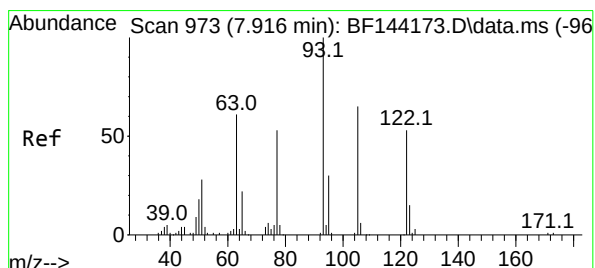
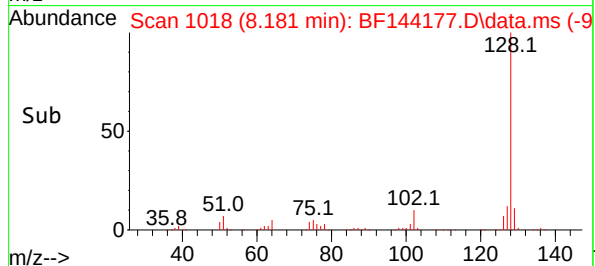
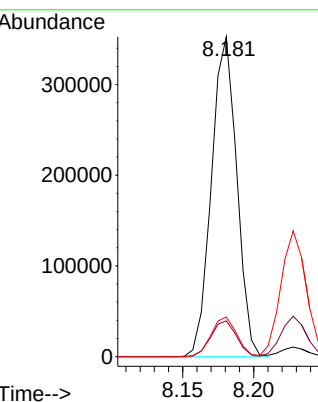
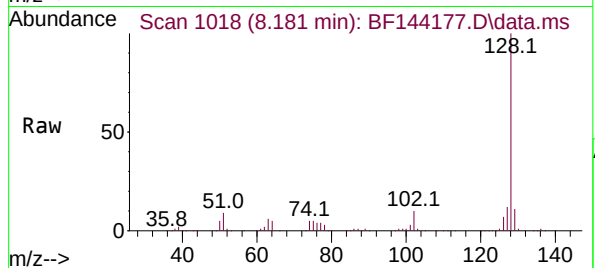
127 12.4 10.3 15.5

Manual Integrations

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Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#32

Benzoic acid

Concen: 30.148 ng m

RT: 7.916 min Scan# 973

Delta R.T. -0.035 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

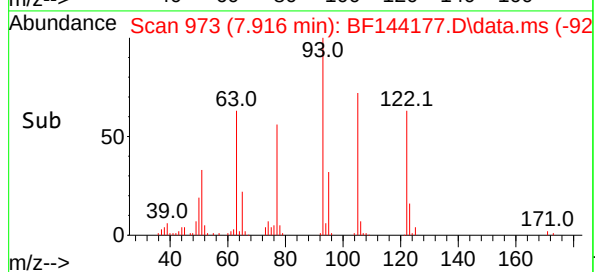
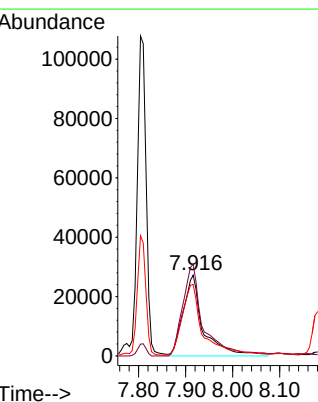
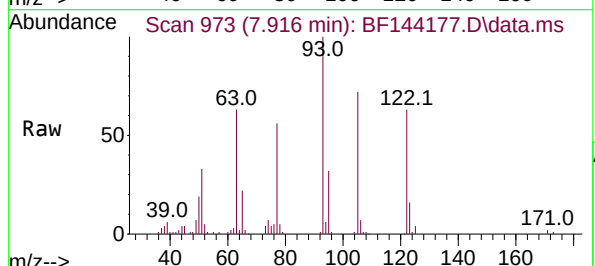
Tgt Ion:122 Resp: 81416

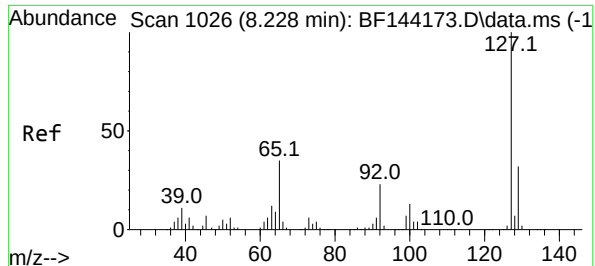
Ion Ratio Lower Upper

122 100

105 113.5 99.9 139.9

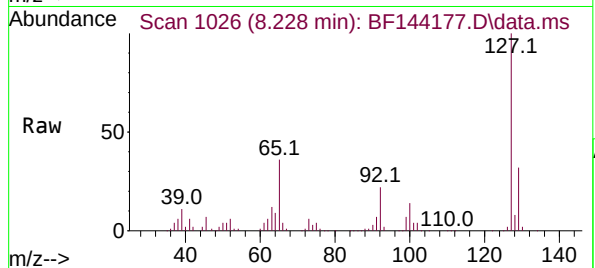
77 88.6 77.5 117.5





#33
4-Chloroaniline
Concen: 38.685 ng
RT: 8.228 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

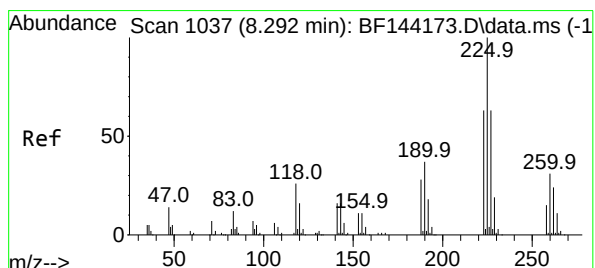
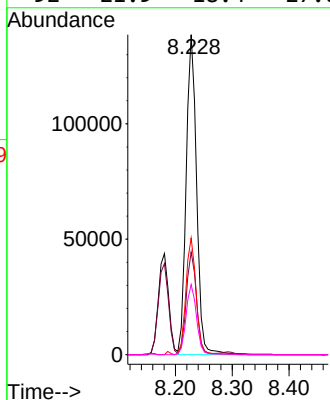
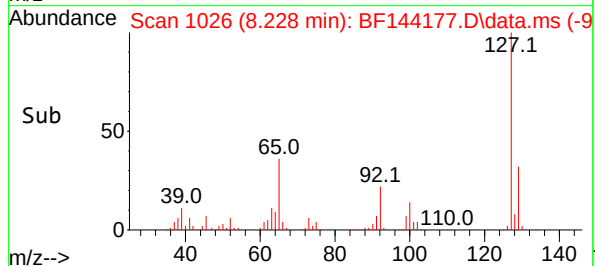
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion:127 Resp: 177275
Ion Ratio Lower Upper
127 100
129 32.1 25.3 37.9
65 36.4 27.6 41.4
92 21.9 18.4 27.6

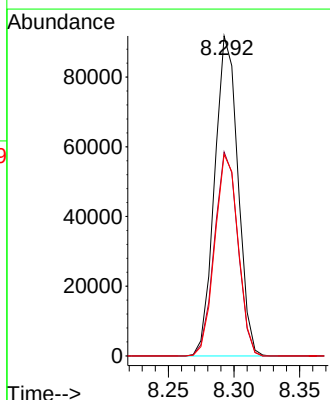
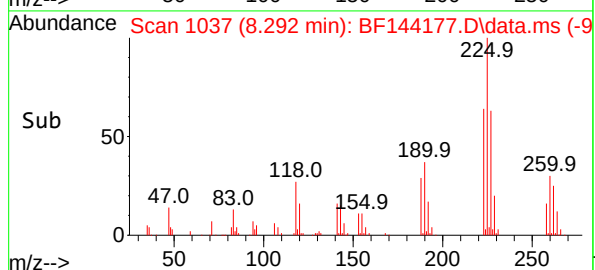
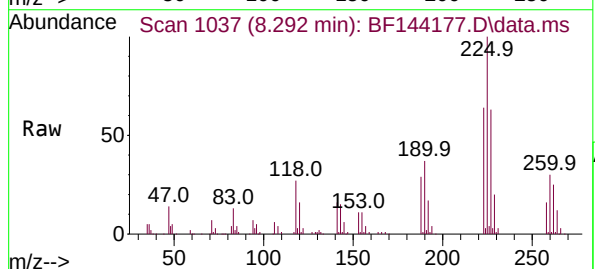
Manual Integrations
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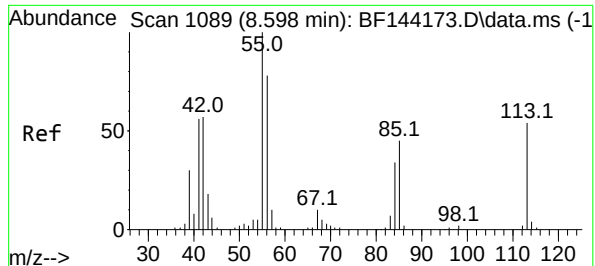
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#34
Hexachlorobutadiene
Concen: 34.552 ng
RT: 8.292 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:225 Resp: 113543
Ion Ratio Lower Upper
225 100
223 63.7 50.2 75.4
227 62.9 50.1 75.1





#35

Caprolactam

Concen: 33.478 ng

RT: 8.592 min Scan# 1088

Delta R.T. -0.029 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

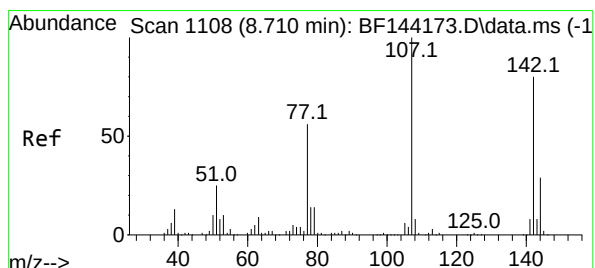
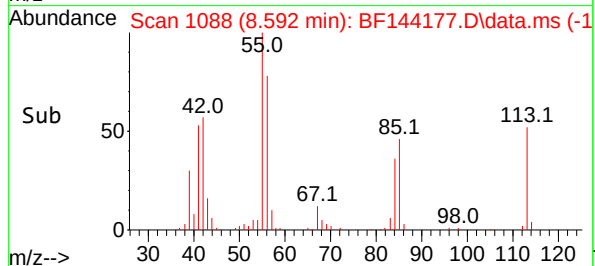
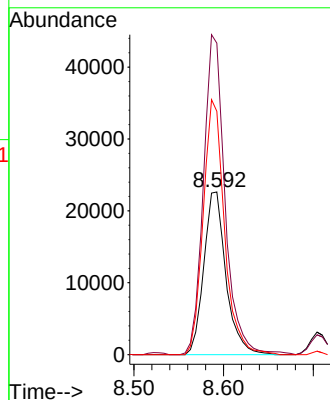
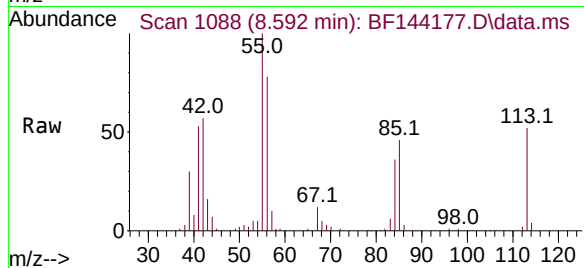
ICVBF110525

Tgt Ion:	113	Resp:	3894
Ion	Ratio	Lower	Upper
113	100		
55	191.5	166.8	206.8
56	149.7	125.9	165.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#36

4-Chloro-3-methylphenol

Concen: 34.336 ng

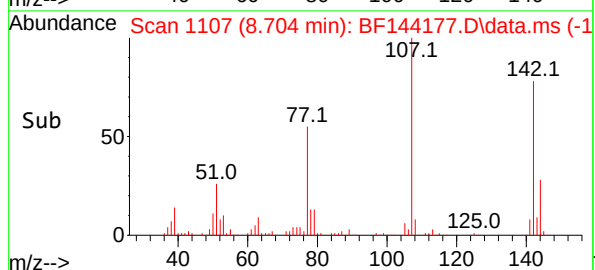
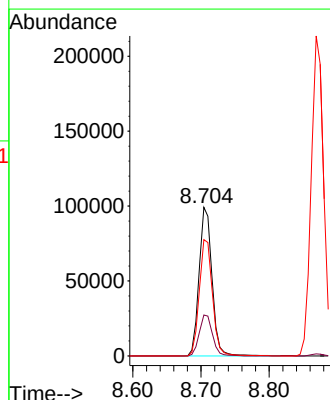
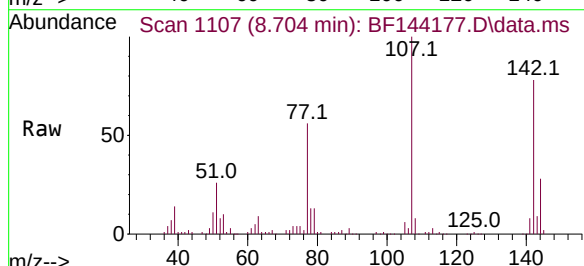
RT: 8.704 min Scan# 1107

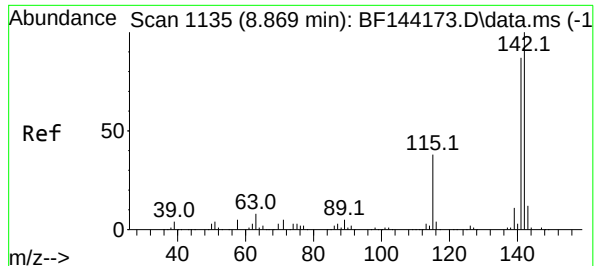
Delta R.T. -0.012 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Tgt Ion:	107	Resp:	130667
Ion	Ratio	Lower	Upper
107	100		
144	27.5	23.3	34.9
142	78.3	63.8	95.6





#37

2-Methylnaphthalene

Concen: 31.978 ng

RT: 8.869 min Scan# 1135

Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

Tgt Ion:142 Resp: 268630

Ion Ratio Lower Upper

142 100

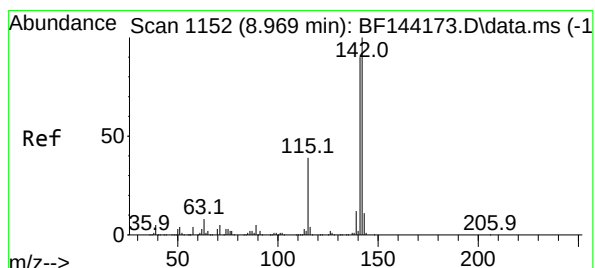
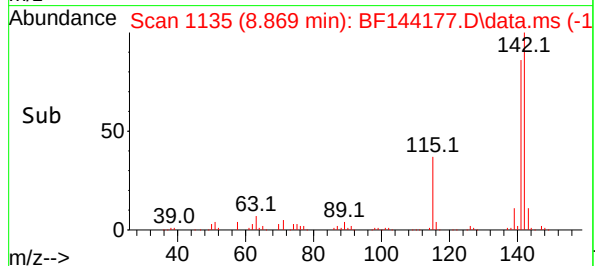
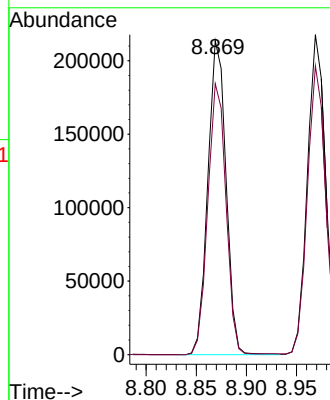
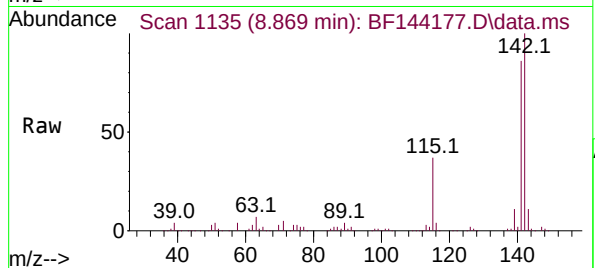
141 86.3 69.9 104.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#38

1-Methylnaphthalene

Concen: 33.472 ng

RT: 8.969 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF144177.D

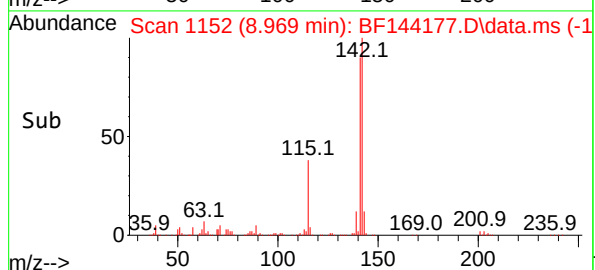
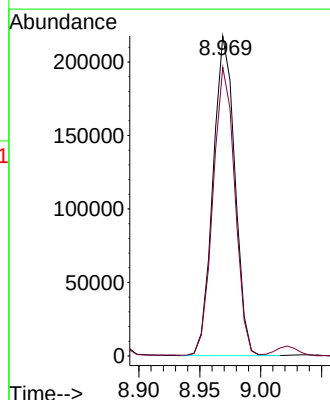
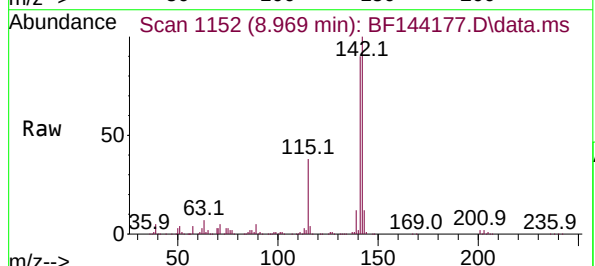
Acq: 05 Nov 2025 17:21

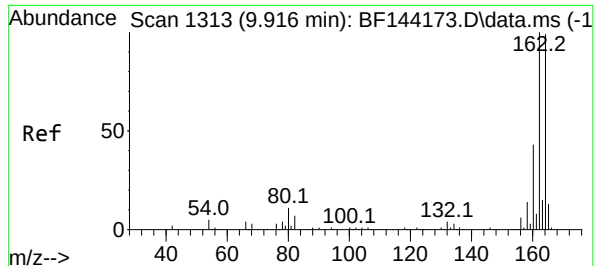
Tgt Ion:142 Resp: 271310

Ion Ratio Lower Upper

142 100

141 90.2 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF144177.D

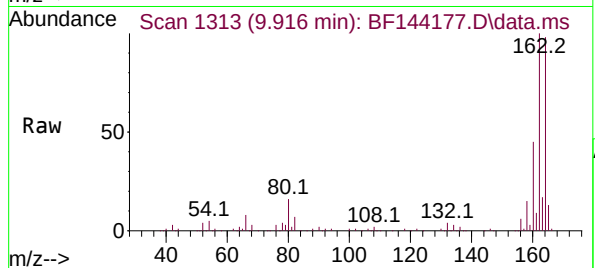
Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525



Tgt Ion:164 Resp: 14380

Ion Ratio Lower Upper

164 100

162 101.7 81.1 121.7

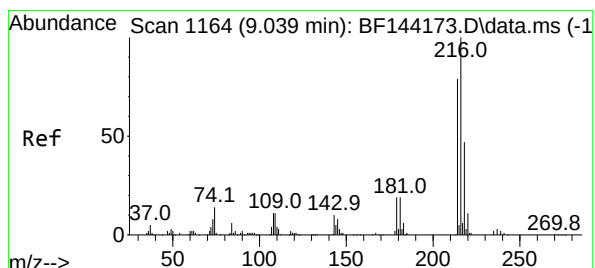
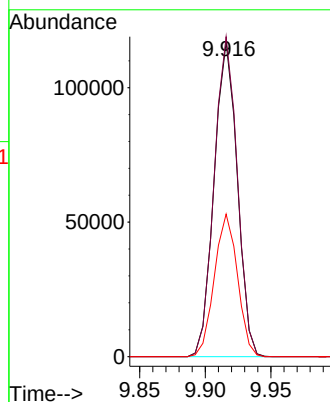
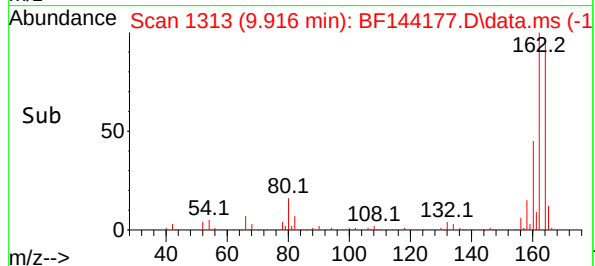
160 45.3 34.5 51.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#40

1,2,4,5-Tetrachlorobenzene

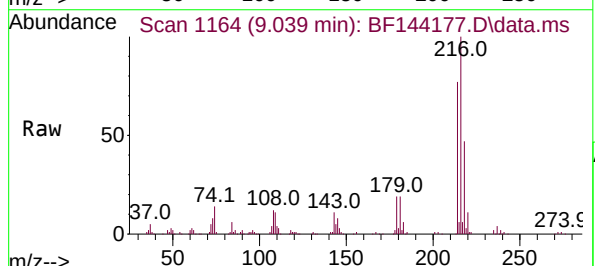
Concen: 36.811 ng

RT: 9.039 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21



Tgt Ion:216 Resp: 173491

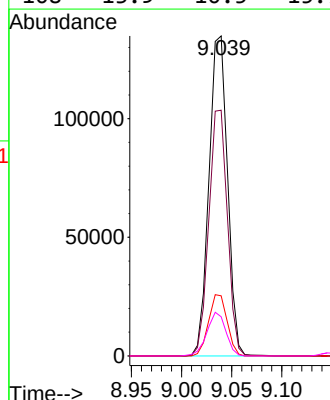
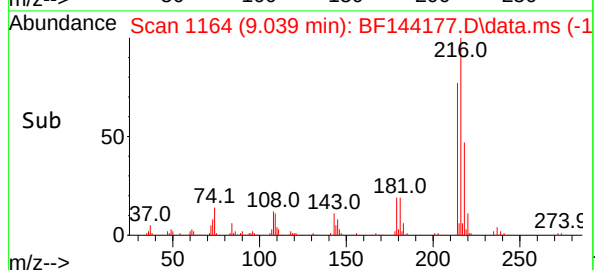
Ion Ratio Lower Upper

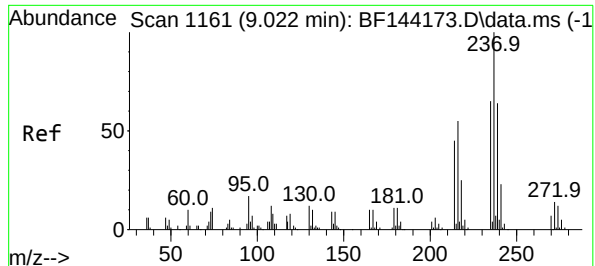
216 100

214 76.8 63.4 95.2

179 19.1 15.0 22.4

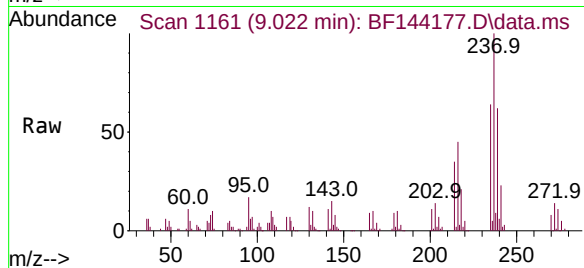
108 13.9 10.5 15.7





#41
Hexachlorocyclopentadiene
Concen: 46.350 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

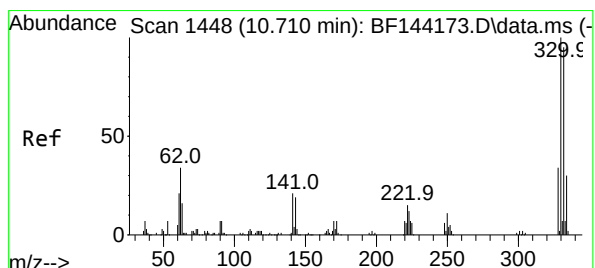
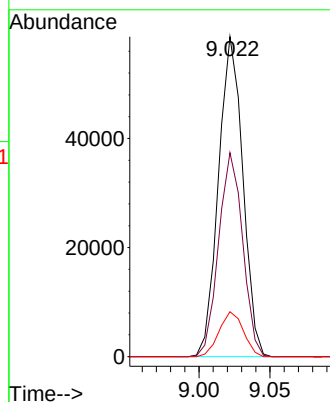
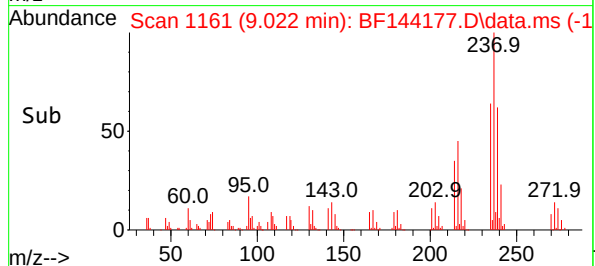
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion:237 Resp: 69987
Ion Ratio Lower Upper
237 100
235 63.7 45.5 85.5
272 14.0 0.0 33.5

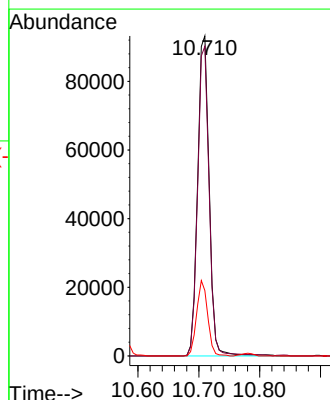
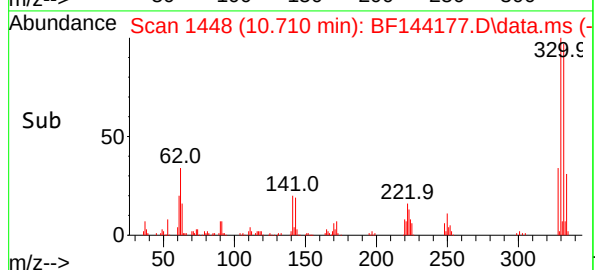
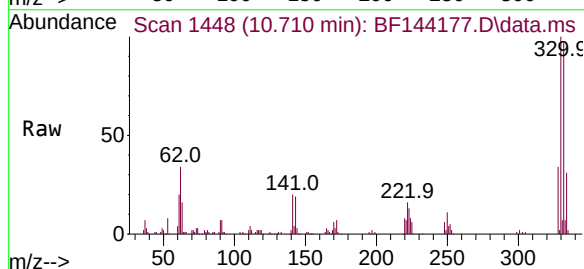
Manual Integrations
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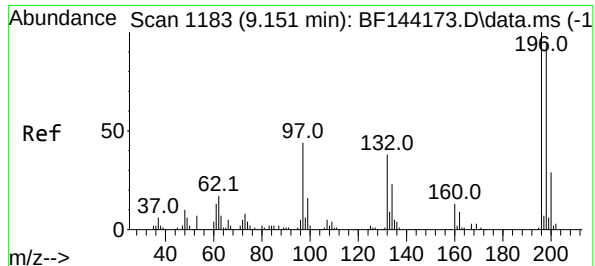
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#42
2,4,6-Tribromophenol
Concen: 67.987 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:330 Resp: 122691
Ion Ratio Lower Upper
330 100
332 96.4 76.7 115.1
141 22.4 17.8 26.8





#43

2,4,6-Trichlorophenol

Concen: 35.357 ng

RT: 9.151 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF144177.D

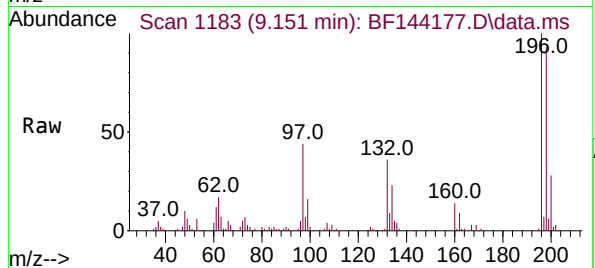
Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525



Tgt Ion:196 Resp: 113418

Ion Ratio Lower Upper

196 100

198 93.2 75.3 112.9

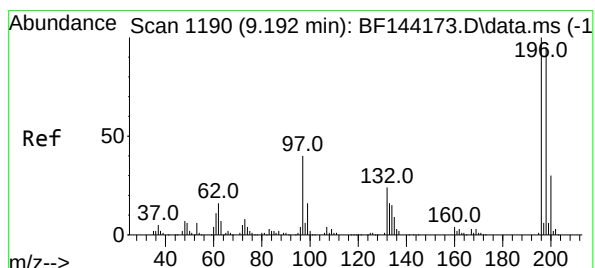
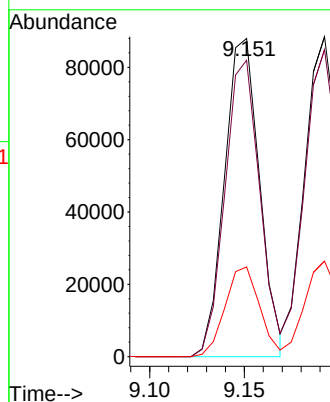
200 28.2 23.4 35.2

Manual Integrations

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Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#44

2,4,5-Trichlorophenol

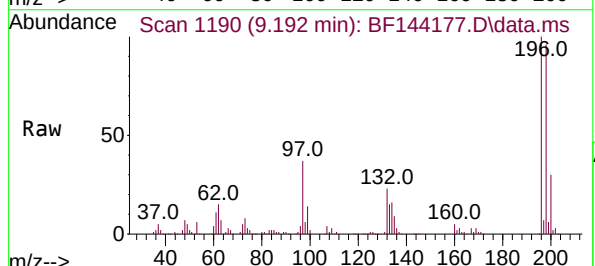
Concen: 35.179 ng

RT: 9.192 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21



Tgt Ion:196 Resp: 121621

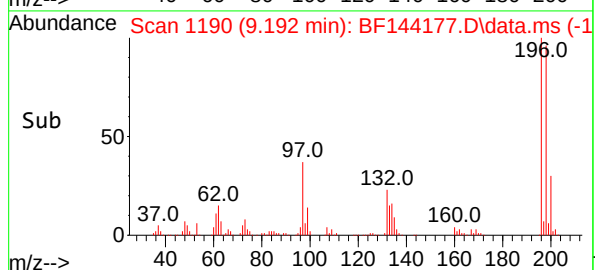
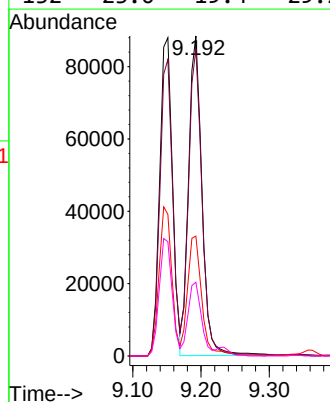
Ion Ratio Lower Upper

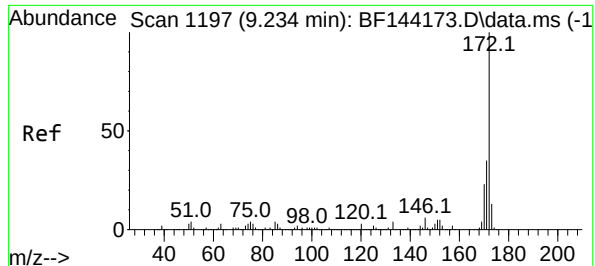
196 100

198 95.9 76.1 114.1

97 37.4 31.9 47.9

132 23.0 19.4 29.2





#45

2-Fluorobiphenyl

Concen: 69.741 ng

RT: 9.234 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

Tgt Ion:172 Resp: 679055

Ion Ratio Lower Upper

172 100

171 34.6 28.1 42.1

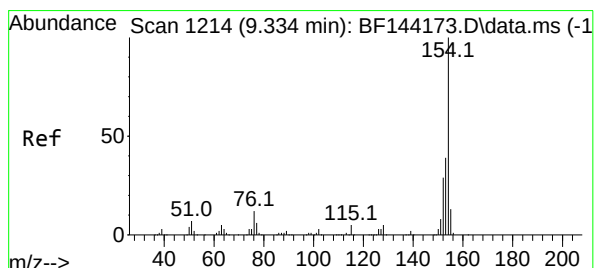
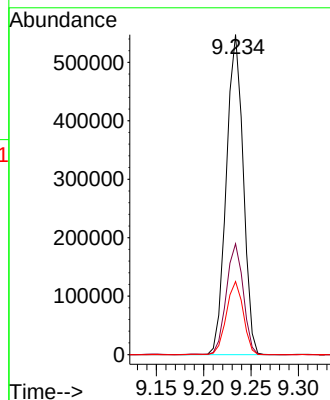
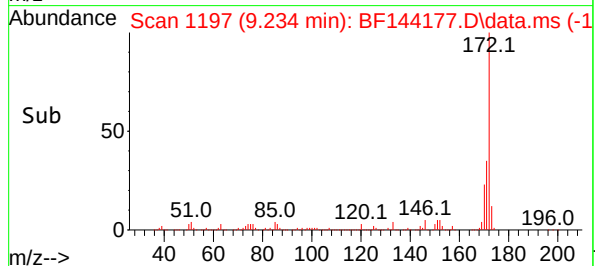
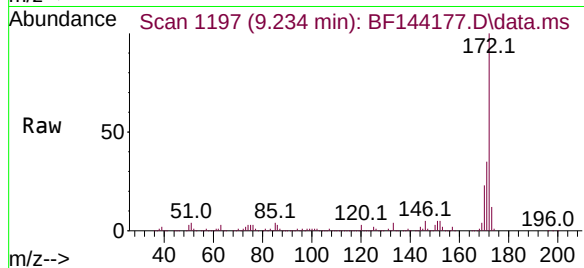
170 22.8 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#46

1,1'-Biphenyl

Concen: 36.526 ng

RT: 9.334 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

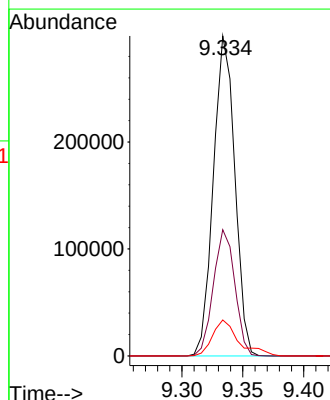
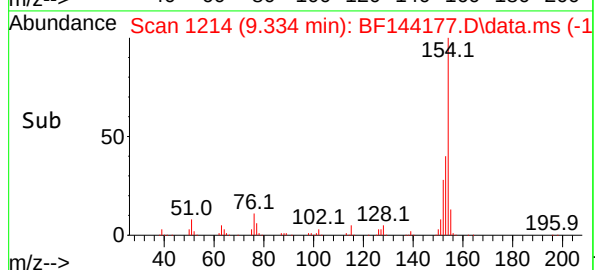
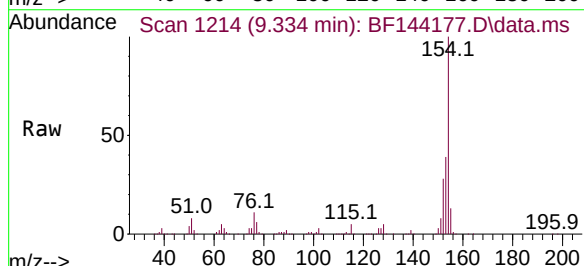
Tgt Ion:154 Resp: 366655

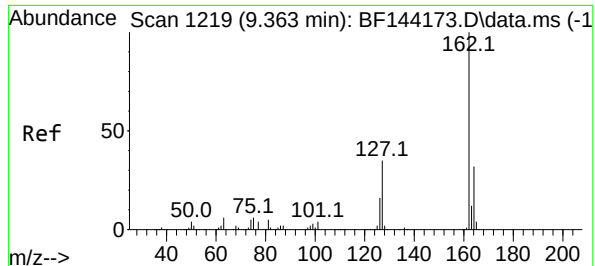
Ion Ratio Lower Upper

154 100

153 39.5 19.2 59.2

76 11.2 0.0 31.8





#47

2-Chloronaphthalene

Concen: 35.092 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

Tgt Ion:162 Resp: 30048

Ion Ratio Lower Upper

162 100

127 35.5 28.8 43.2

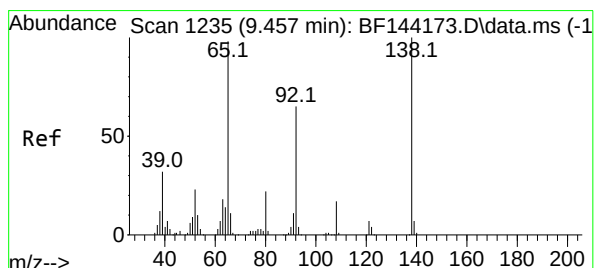
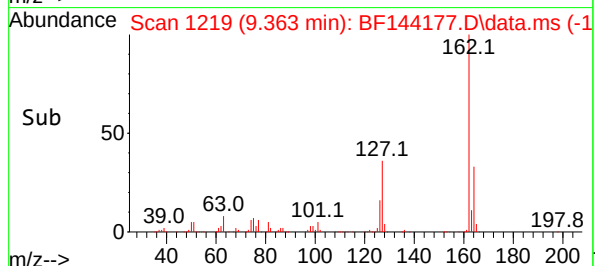
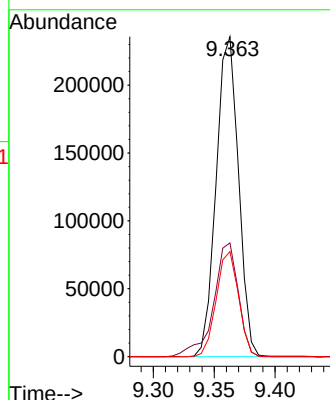
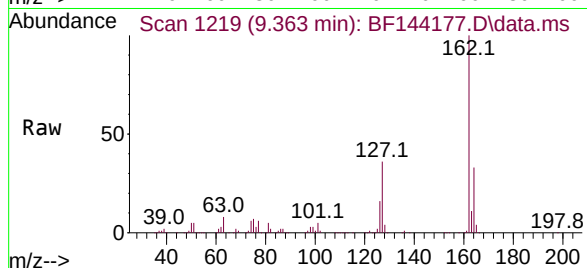
164 32.8 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#48

2-Nitroaniline

Concen: 35.641 ng

RT: 9.457 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

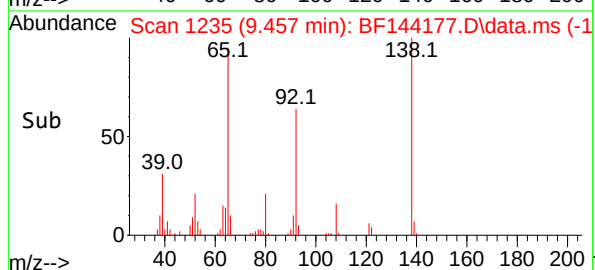
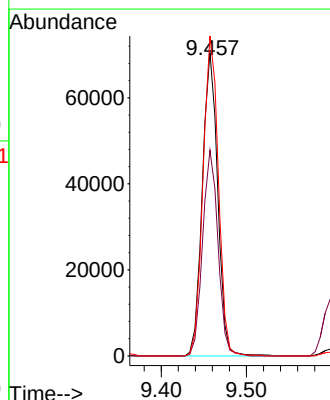
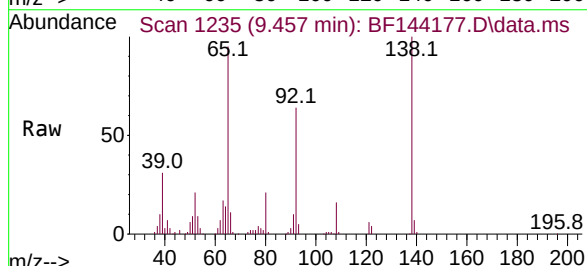
Tgt Ion: 65 Resp: 88055

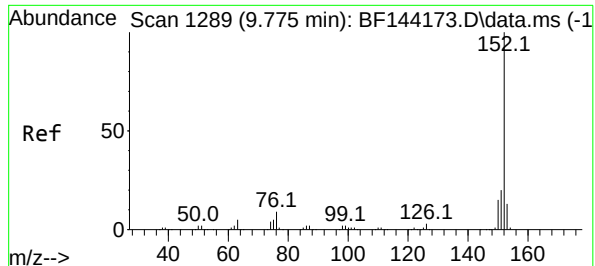
Ion Ratio Lower Upper

65 100

92 67.8 53.0 79.6

138 105.5 81.6 122.4





#49

Acenaphthylene

Concen: 39.818 ng

RT: 9.775 min Scan# 1289

Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

Tgt Ion:152 Resp: 464616

Ion Ratio Lower Upper

152 100

151 19.3 15.9 23.9

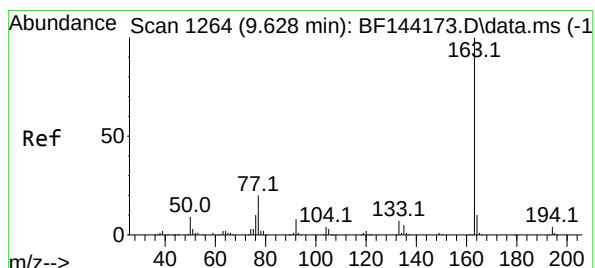
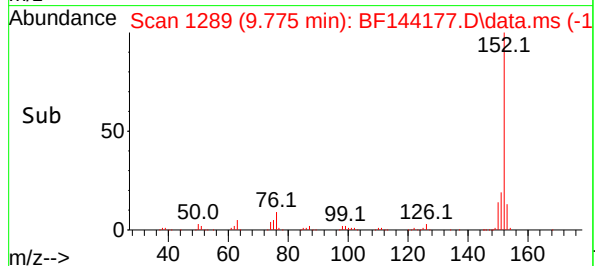
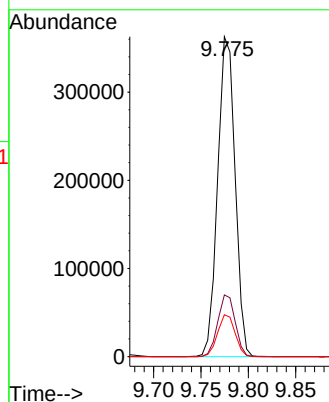
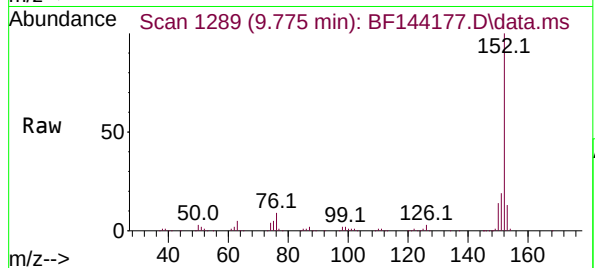
153 13.1 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#50

Dimethylphthalate

Concen: 35.076 ng

RT: 9.634 min Scan# 1265

Delta R.T. 0.000 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

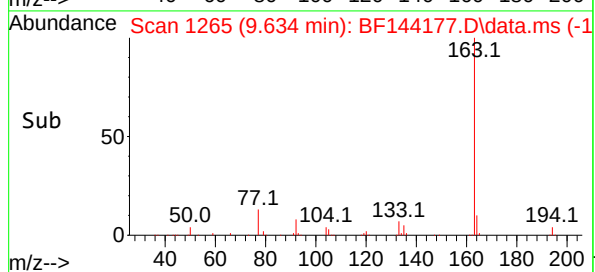
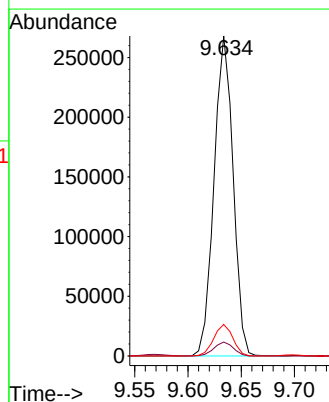
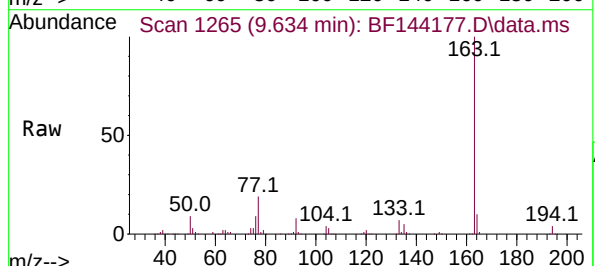
Tgt Ion:163 Resp: 334163

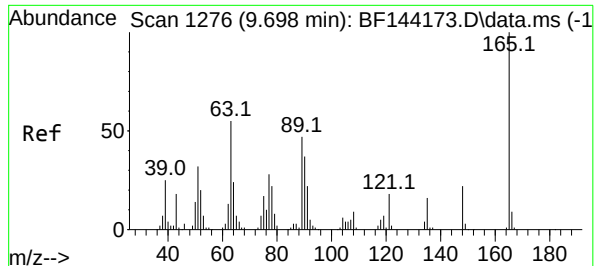
Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

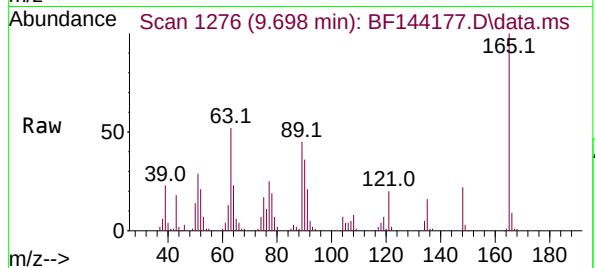
164 9.8 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 36.758 ng
RT: 9.698 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

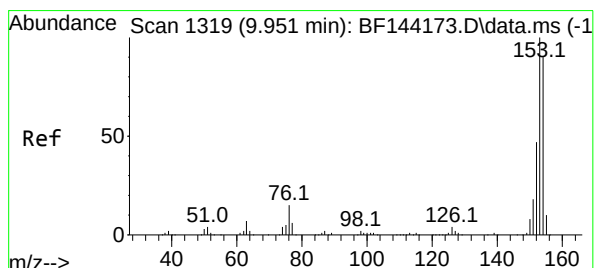
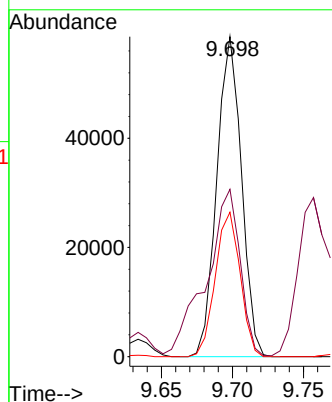
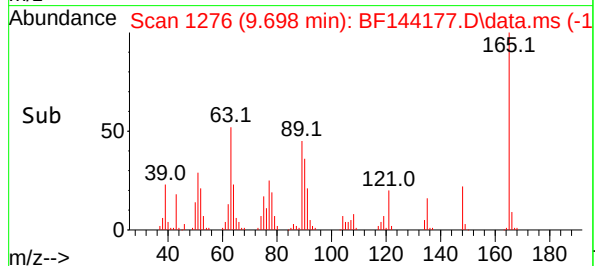
Instrument :
BNA_F
Client Sample Id :
ICVBF110525



Tgt Ion:165 Resp: 70890
Ion Ratio Lower Upper
165 100
63 52.3 43.8 65.8
89 45.1 37.5 56.3

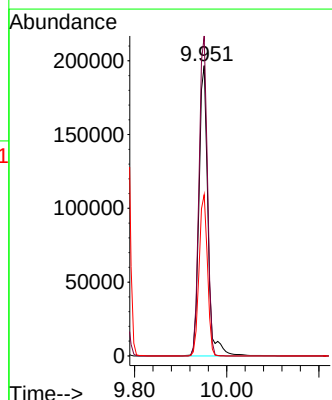
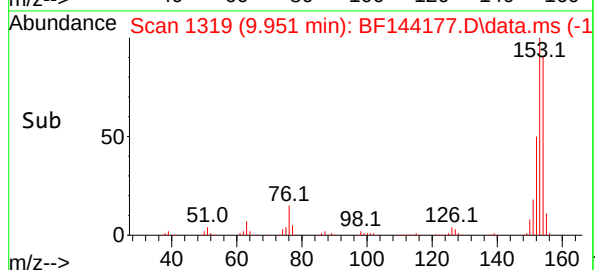
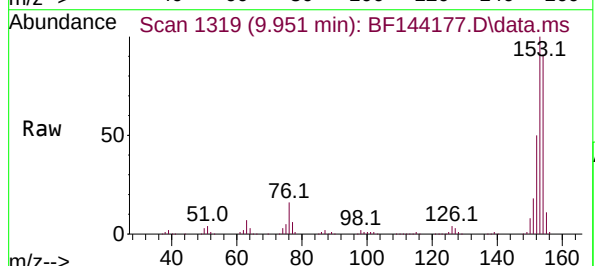
Manual Integrations
APPROVED

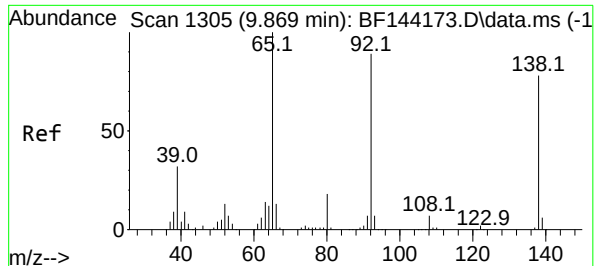
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#52
Acenaphthene
Concen: 33.702 ng
RT: 9.951 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:154 Resp: 262974
Ion Ratio Lower Upper
154 100
153 110.2 89.0 133.4
152 55.5 42.2 63.4





#53

3-Nitroaniline

Concen: 35.372 ng

RT: 9.869 min Scan# 1305

Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

Tgt Ion:138 Resp: 74572

Ion Ratio Lower Upper

138 100

108 10.9 7.5 11.3

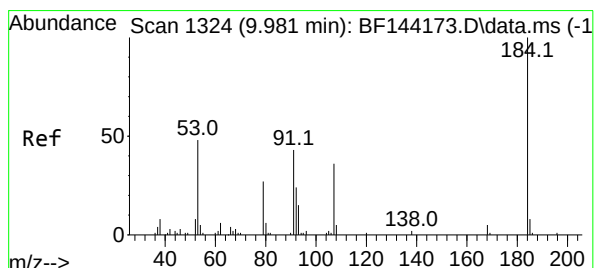
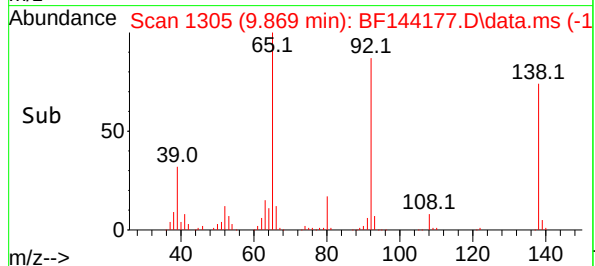
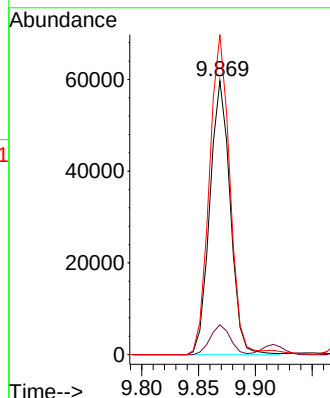
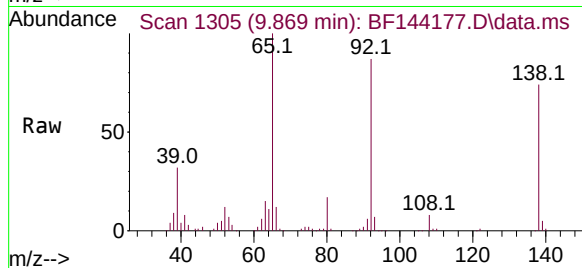
92 116.8 91.8 137.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#54

2,4-Dinitrophenol

Concen: 28.732 ng

RT: 9.981 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

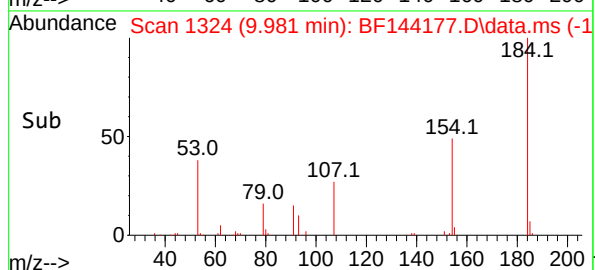
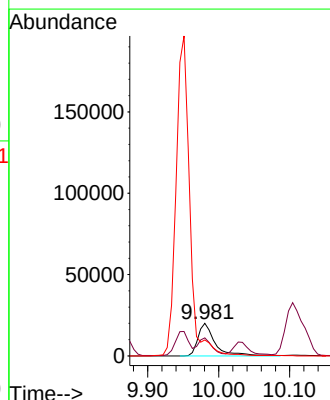
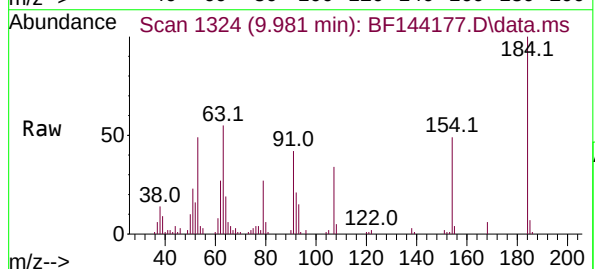
Tgt Ion:184 Resp: 33460

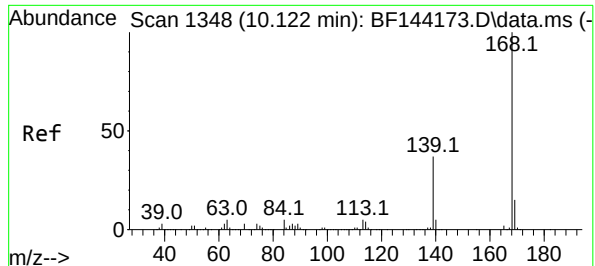
Ion Ratio Lower Upper

184 100

63 55.3 44.0 66.0

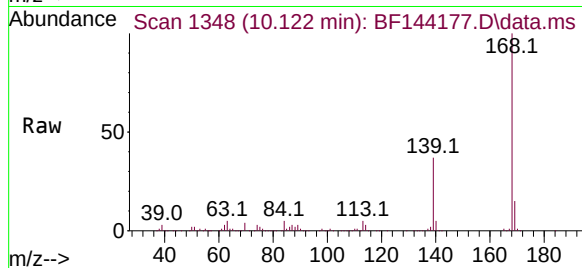
154 48.9 42.4 63.6





#55
Dibenzenofuran
Concen: 35.602 ng
RT: 10.122 min Scan# 1348
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

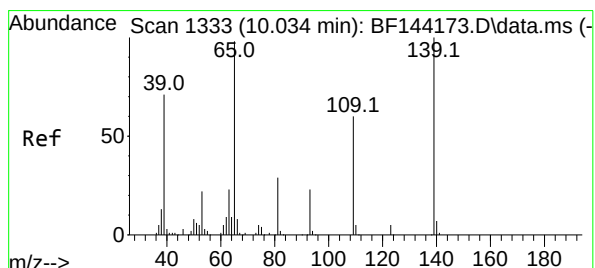
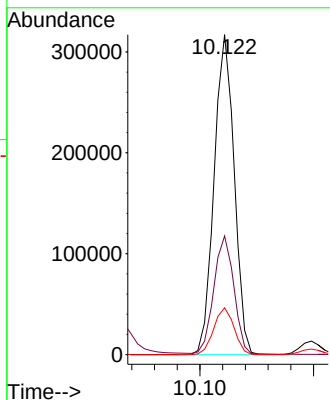
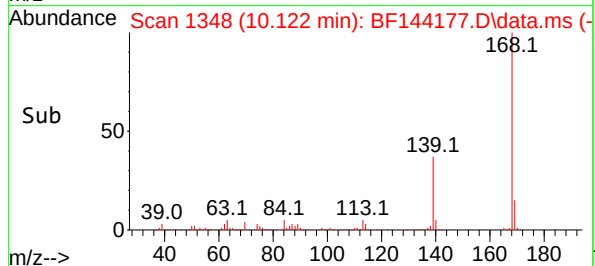
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion:168 Resp: 389072
Ion Ratio Lower Upper
168 100
139 37.1 30.2 45.2
169 14.6 12.2 18.4

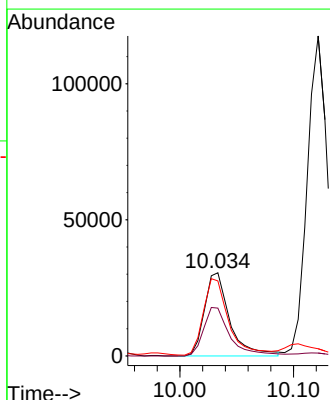
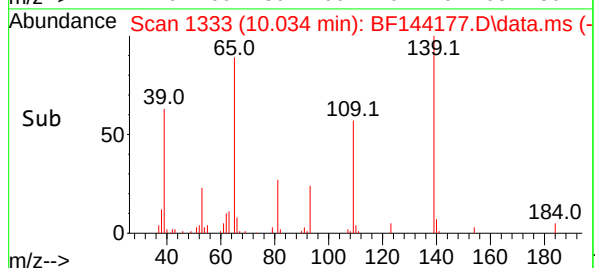
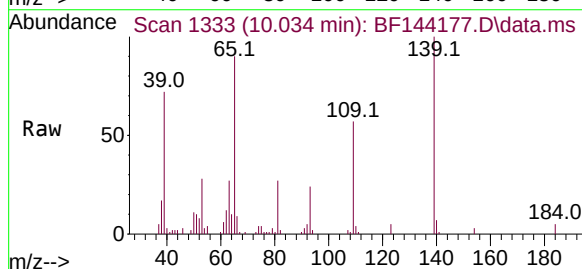
Manual Integrations
APPROVED

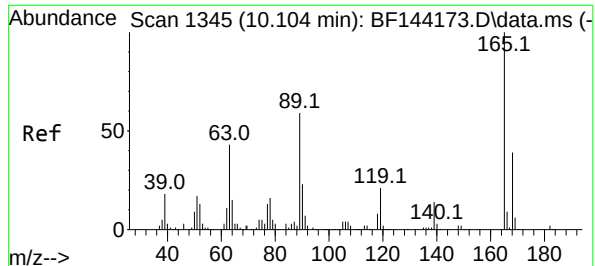
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#56
4-Nitrophenol
Concen: 30.929 ng
RT: 10.034 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

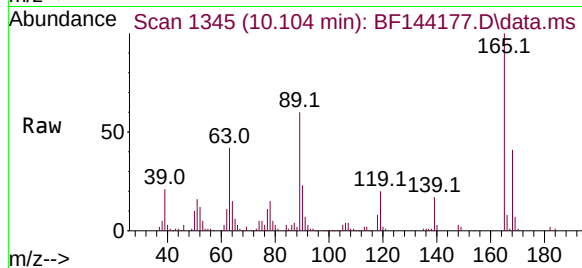
Tgt Ion:139 Resp: 47167
Ion Ratio Lower Upper
139 100
109 57.5 39.9 79.9
65 90.2 79.5 119.5





#57
2,4-Dinitrotoluene
Concen: 35.994 ng
RT: 10.104 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

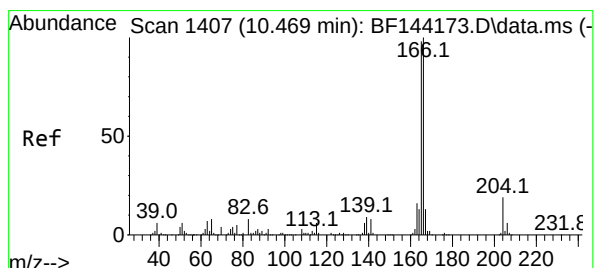
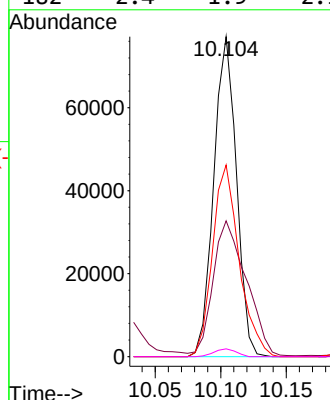
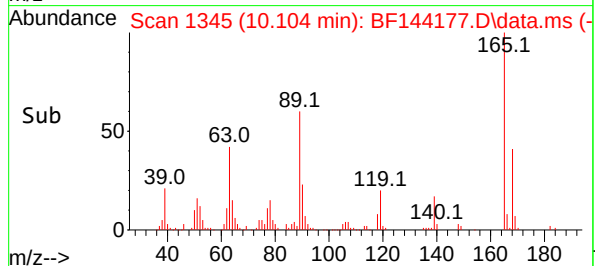
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



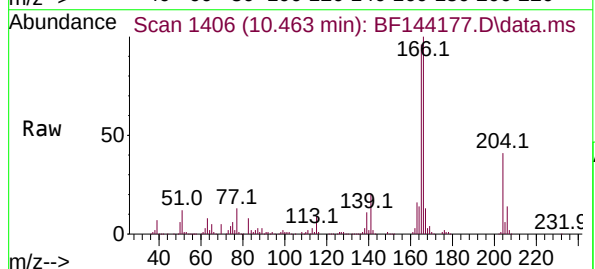
Tgt Ion:165 Resp: 92928
Ion Ratio Lower Upper
165 100
63 42.4 35.5 53.3
89 59.9 47.4 71.2
182 2.4 1.9 2.9

Manual Integrations
APPROVED

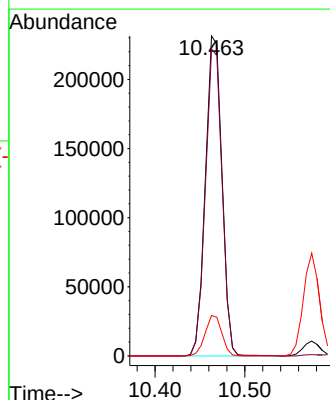
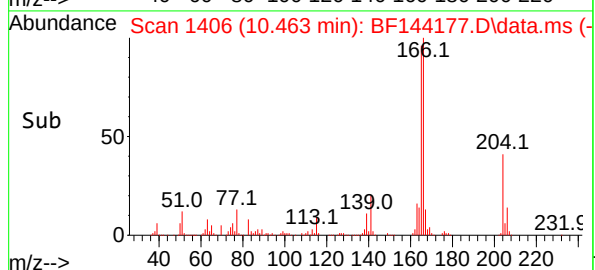
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

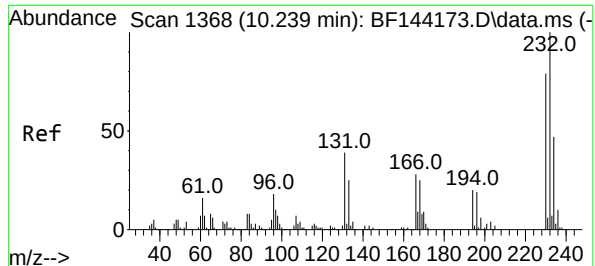


#58
Fluorene
Concen: 35.903 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21



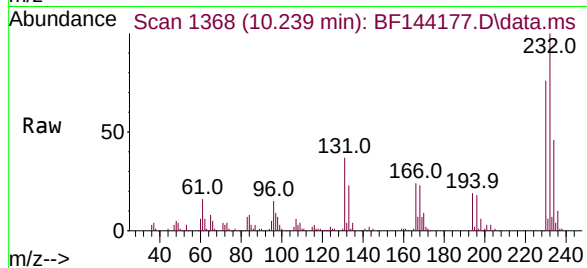
Tgt Ion:166 Resp: 298316
Ion Ratio Lower Upper
166 100
165 95.9 78.6 118.0
167 12.6 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 37.425 ng
RT: 10.239 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

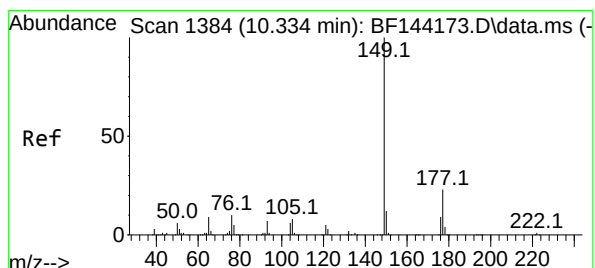
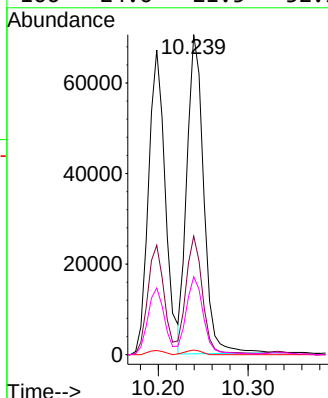
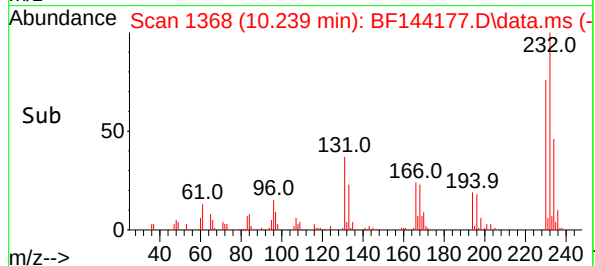
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



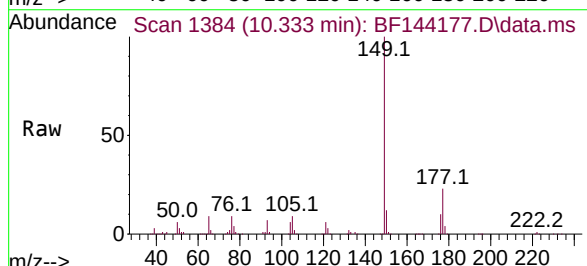
Tgt Ion:232 Resp: 91542
Ion Ratio Lower Upper
232 100
131 37.7 30.3 45.5
130 1.4 1.2 1.8
166 24.6 21.5 32.3

Manual Integrations
APPROVED

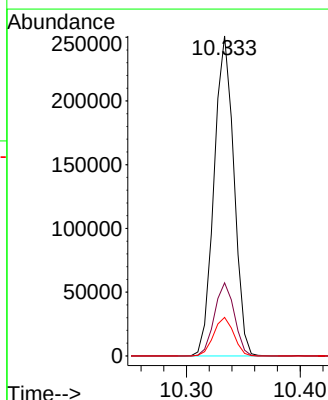
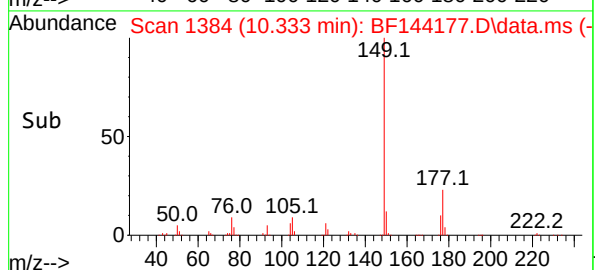
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

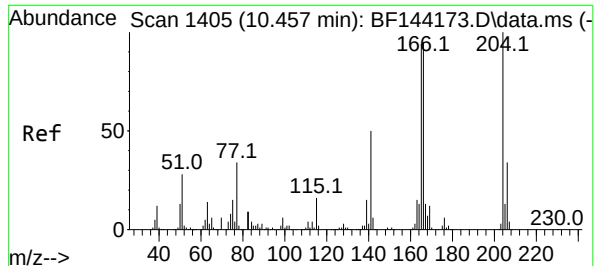


#60
Diethylphthalate
Concen: 34.646 ng
RT: 10.333 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21



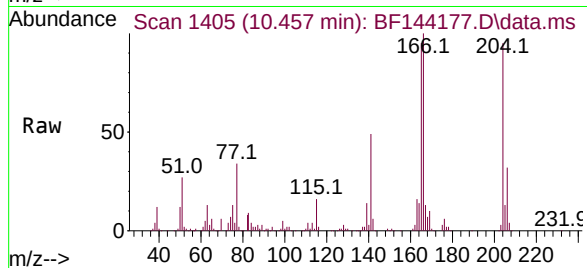
Tgt Ion:149 Resp: 304274
Ion Ratio Lower Upper
149 100
177 22.8 18.3 27.5
150 12.0 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 35.002 ng
RT: 10.457 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

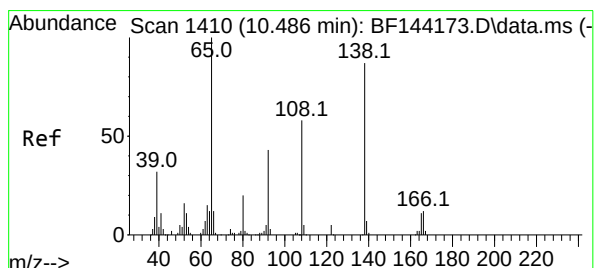
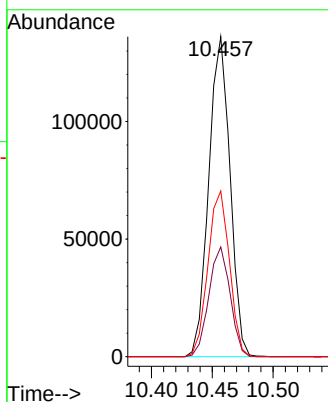
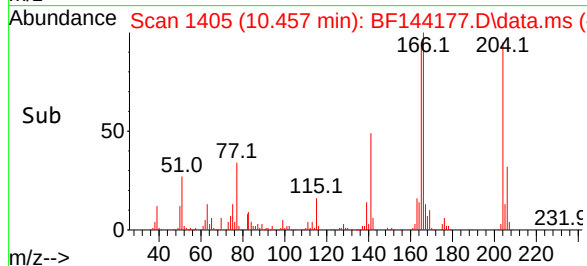
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion:204 Resp: 165662
Ion Ratio Lower Upper
204 100
206 34.3 27.4 41.2
141 51.8 40.0 60.0

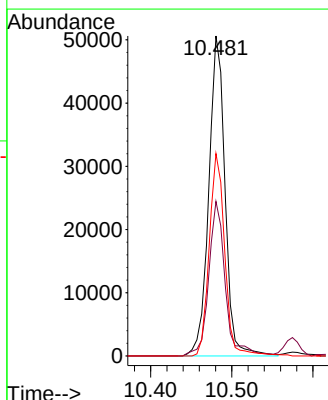
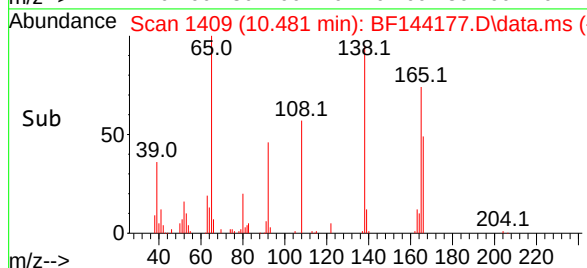
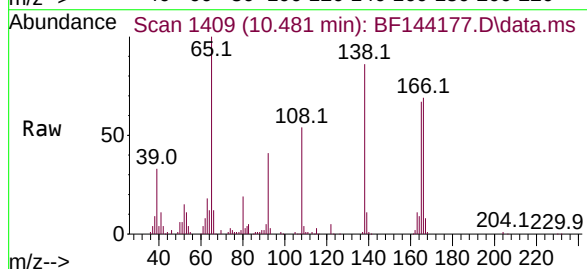
Manual Integrations
APPROVED

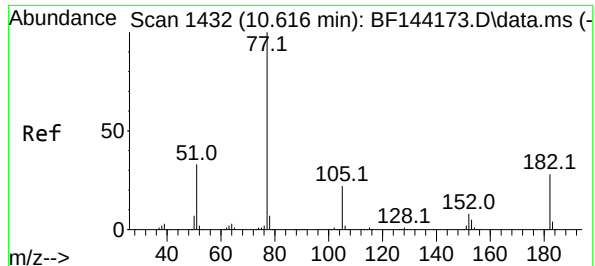
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#62
4-Nitroaniline
Concen: 35.278 ng
RT: 10.481 min Scan# 1409
Delta R.T. -0.018 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

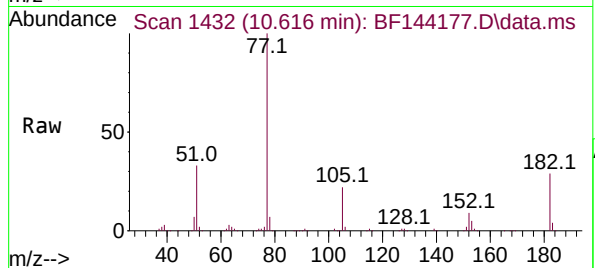
Tgt Ion:138 Resp: 70828
Ion Ratio Lower Upper
138 100
92 48.3 29.4 69.4
108 63.2 46.4 86.4





#63
Azobenzene
Concen: 35.958 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

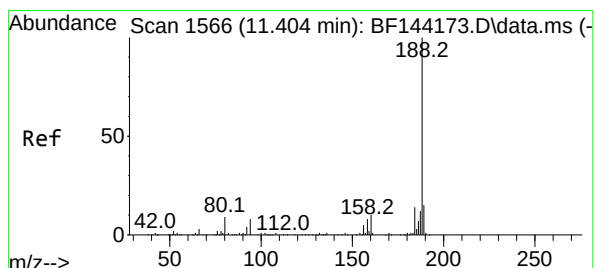
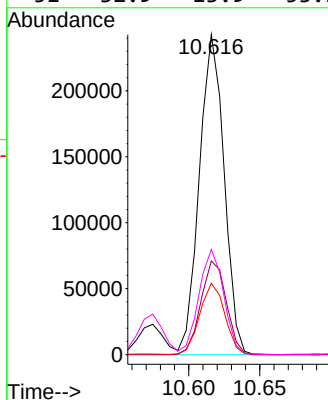
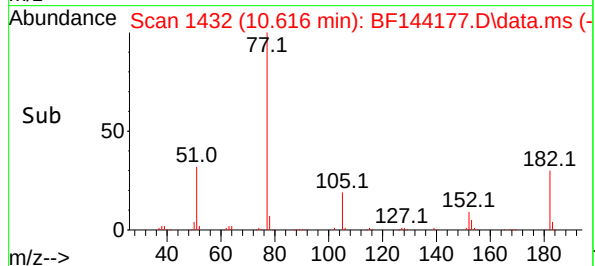
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion: 77 Resp: 293901
Ion Ratio Lower Upper
77 100
182 29.3 8.1 48.1
105 22.3 2.0 42.0
51 32.9 13.9 53.9

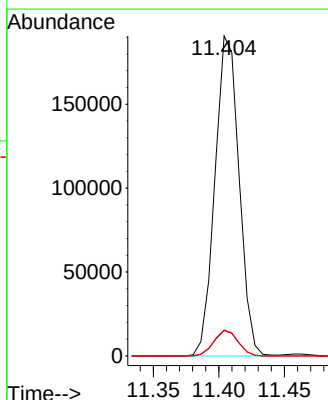
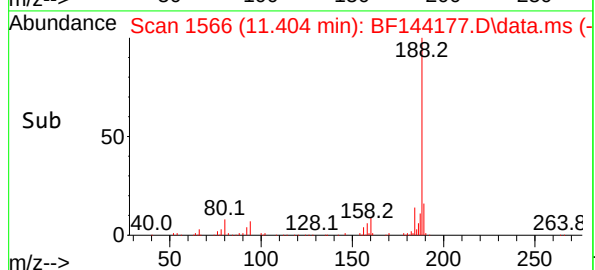
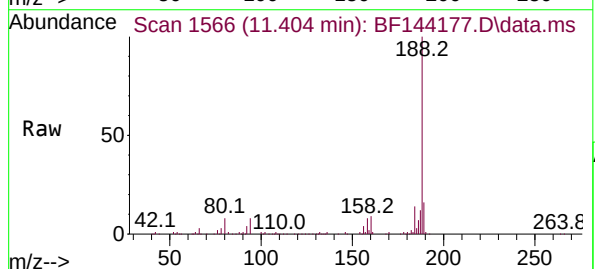
Manual Integrations
APPROVED

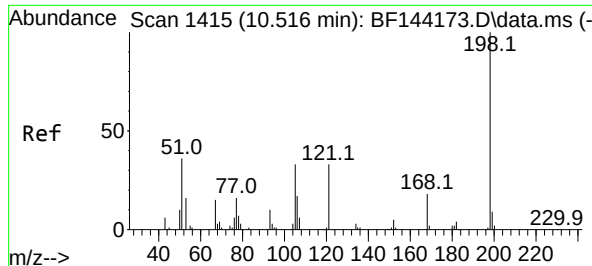
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

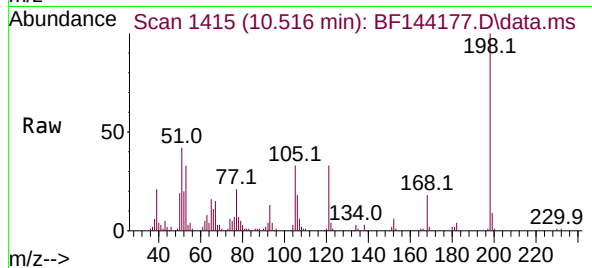
Tgt Ion:188 Resp: 244964
Ion Ratio Lower Upper
188 100
94 7.9 6.2 9.2
80 8.1 6.9 10.3





#65
4,6-Dinitro-2-methylphenol
Concen: 31.346 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

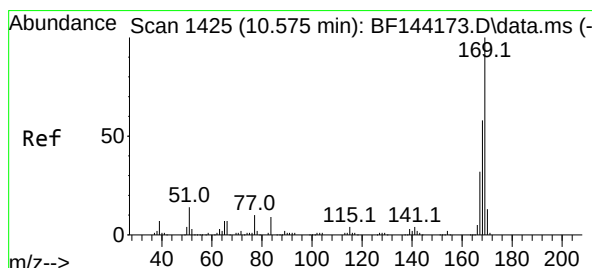
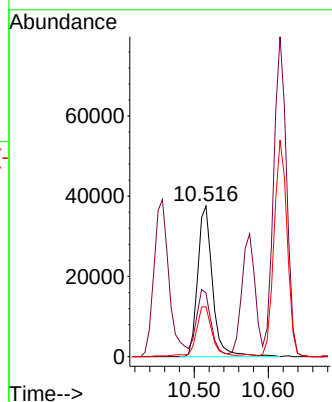
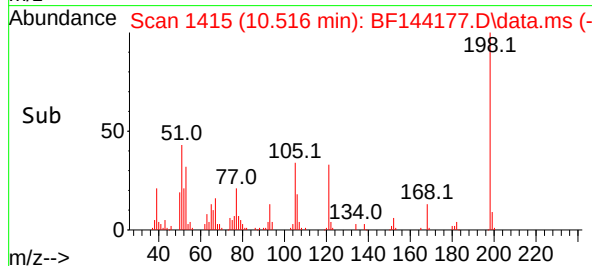
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion:198 Resp: 52164
Ion Ratio Lower Upper
198 100
51 42.3 25.6 65.6
105 33.1 14.6 54.6

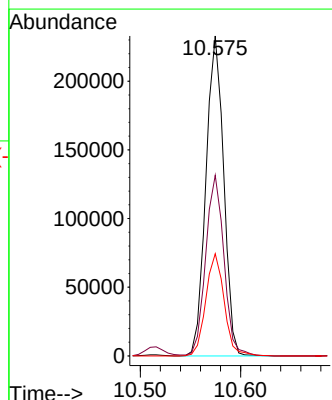
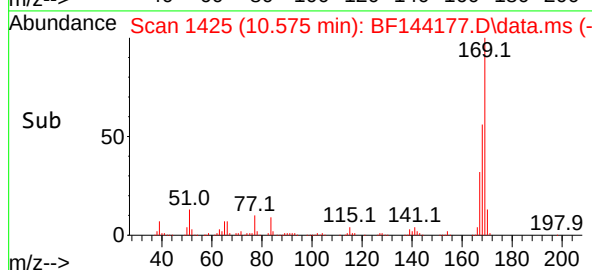
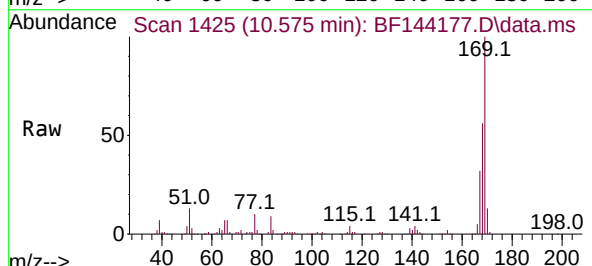
Manual Integrations
APPROVED

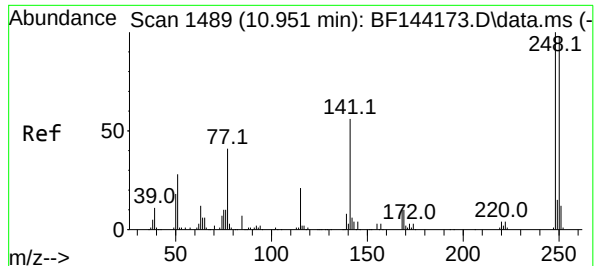
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#66
n-Nitrosodiphenylamine
Concen: 36.292 ng
RT: 10.575 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

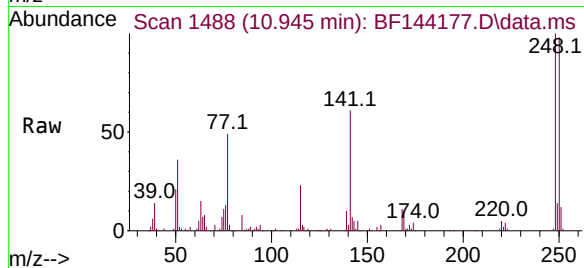
Tgt Ion:169 Resp: 285930
Ion Ratio Lower Upper
169 100
168 56.4 46.2 69.2
167 31.9 25.7 38.5





#67
4-Bromophenyl-phenylether
Concen: 34.135 ng
RT: 10.945 min Scan# 1488
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

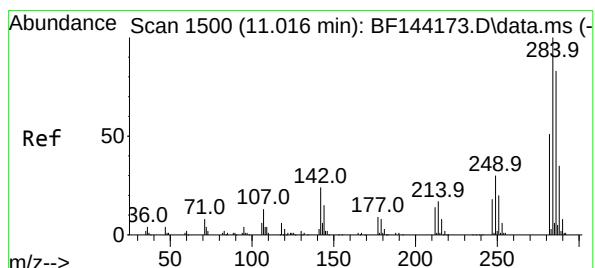
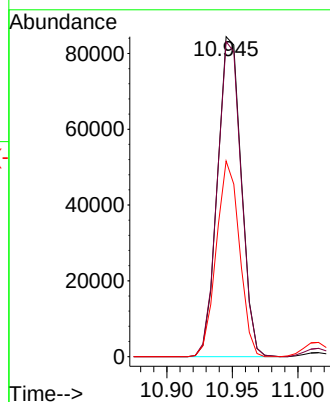
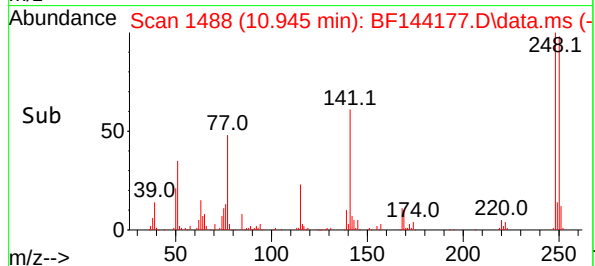
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



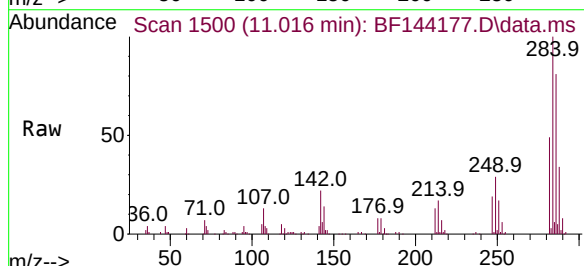
Tgt Ion:248 Resp: 106730
Ion Ratio Lower Upper
248 100
250 98.4 78.4 117.6
141 61.1 45.1 67.7

Manual Integrations
APPROVED

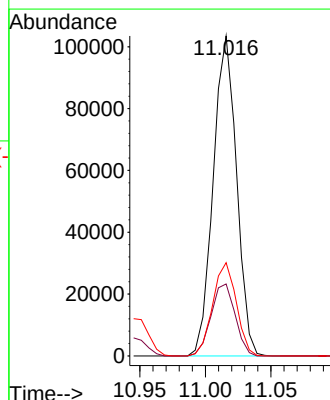
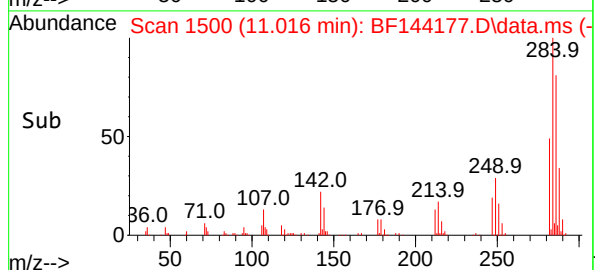
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

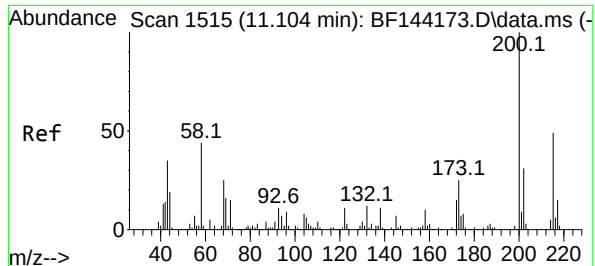


#68
Hexachlorobenzene
Concen: 34.810 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21



Tgt Ion:284 Resp: 128202
Ion Ratio Lower Upper
284 100
142 22.5 19.2 28.8
249 29.1 23.8 35.8





#69

Atrazine

Concen: 36.790 ng

RT: 11.098 min Scan# 1514

Delta R.T. -0.012 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

Tgt Ion:200 Resp: 92182

Ion Ratio Lower Upper

200 100

173 27.7 5.0 45.0

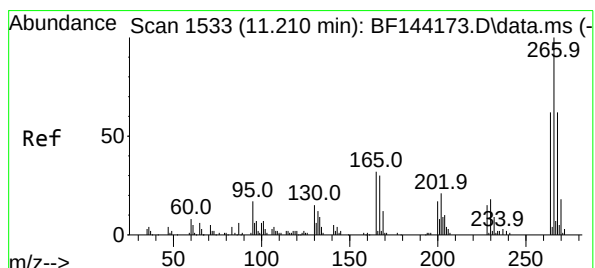
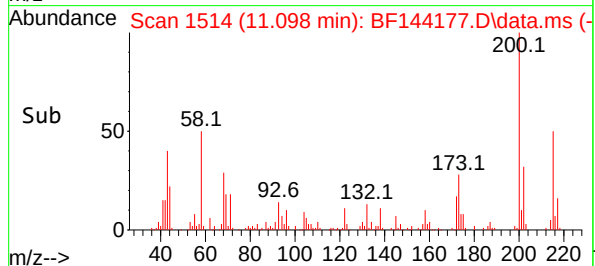
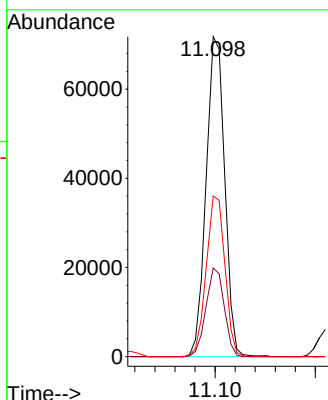
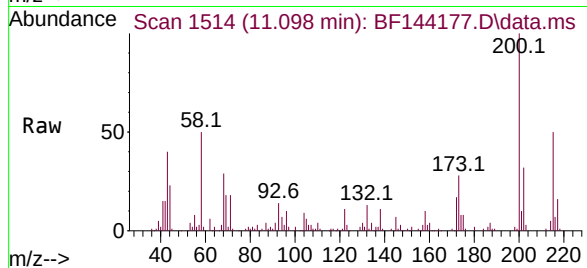
215 50.2 28.7 68.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#70

Pentachlorophenol

Concen: 32.706 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

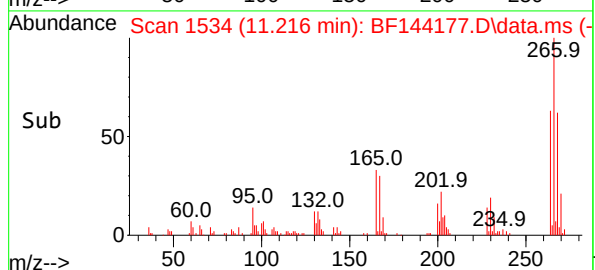
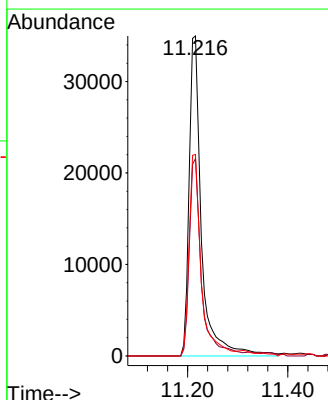
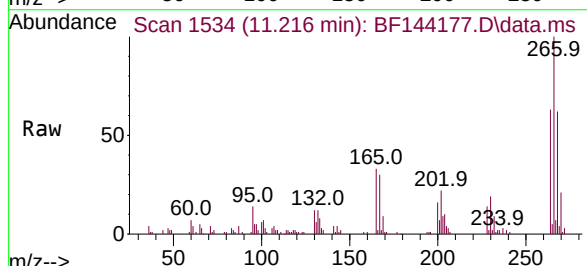
Tgt Ion:266 Resp: 59981

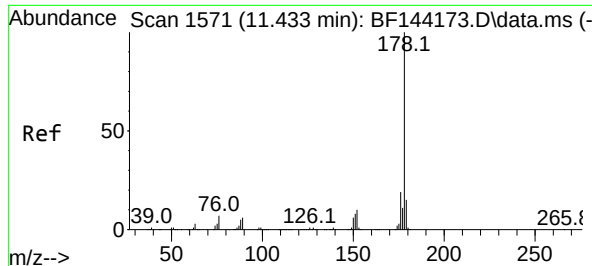
Ion Ratio Lower Upper

266 100

268 61.7 49.5 74.3

264 62.9 49.4 74.2





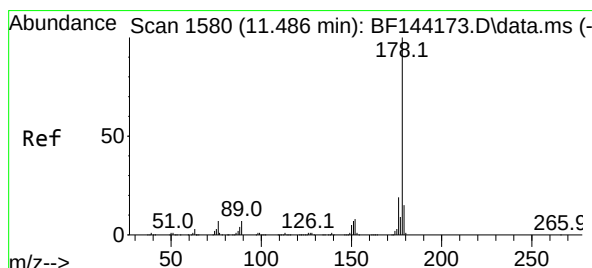
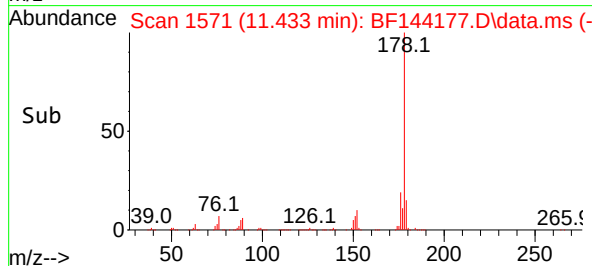
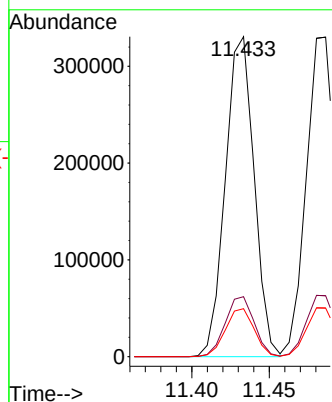
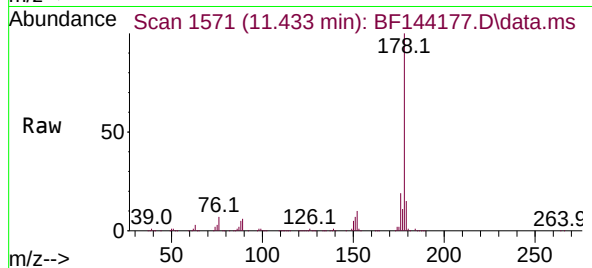
#71
Phenanthrene
Concen: 35.049 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Instrument :
BNA_F
ClientSampleId :
ICVBF110525

Tgt Ion:178 Resp: 427466
Ion Ratio Lower Upper
178 100
176 18.7 15.5 23.3
179 15.0 12.2 18.4

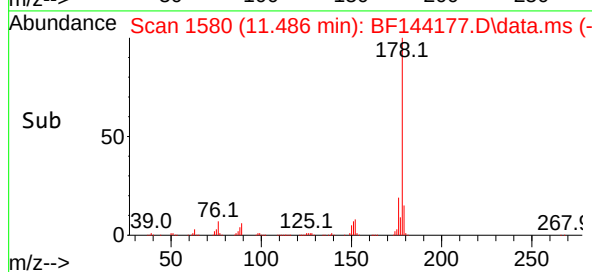
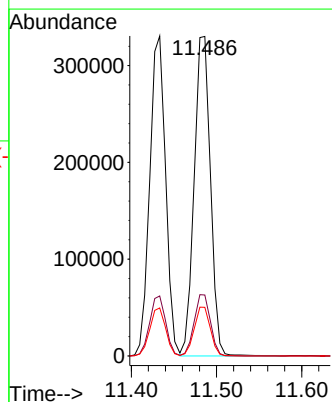
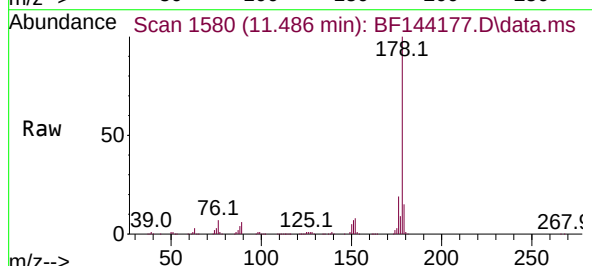
Manual Integrations
APPROVED

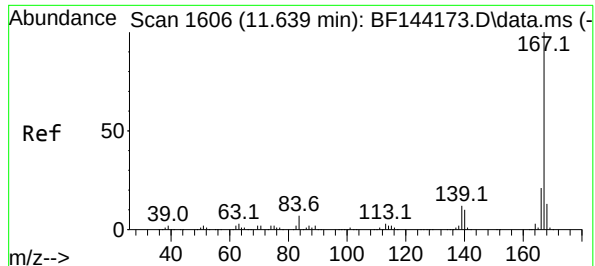
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#72
Anthracene
Concen: 35.286 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

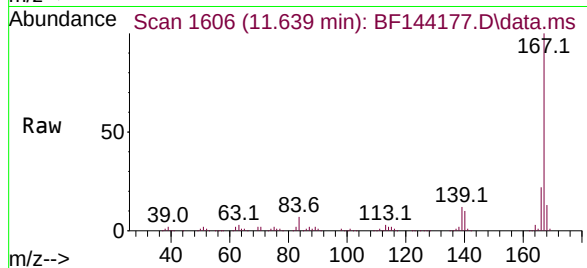
Tgt Ion:178 Resp: 437609
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.2 12.0 18.0





#73
Carbazole
Concen: 34.224 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

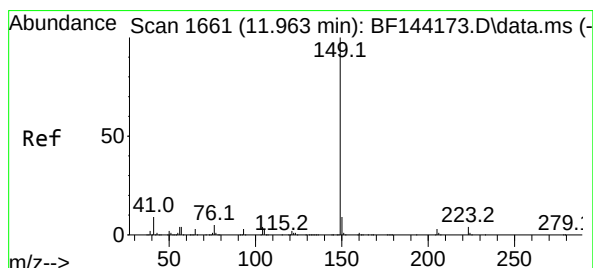
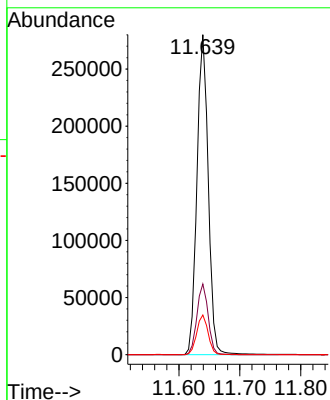
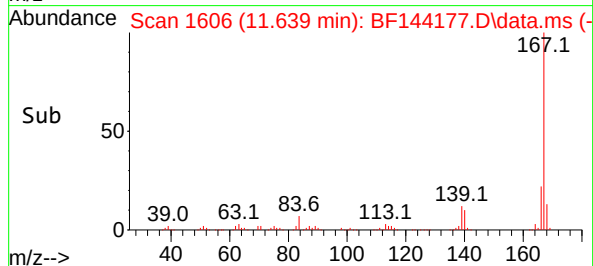
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



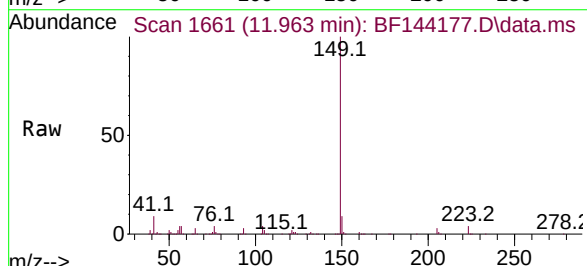
Tgt Ion:167 Resp: 360909
Ion Ratio Lower Upper
167 100
166 22.1 17.2 25.8
139 12.4 9.9 14.9

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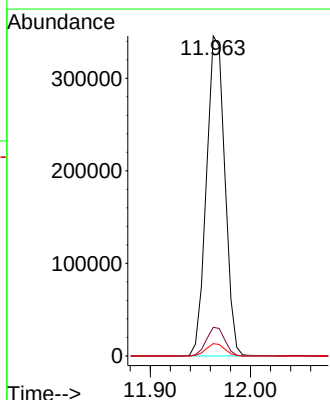
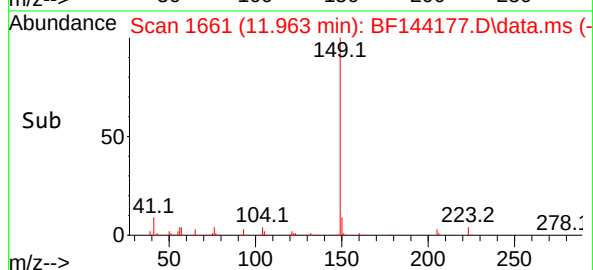
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

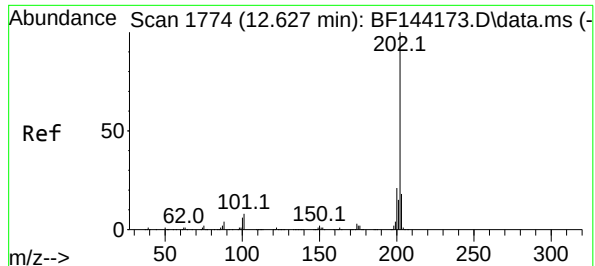


#74
Di-n-butylphthalate
Concen: 34.535 ng
RT: 11.963 min Scan# 1661
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21



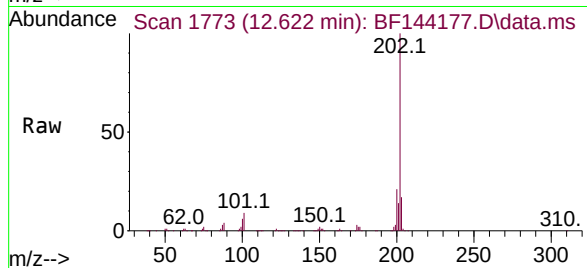
Tgt Ion:149 Resp: 440261
Ion Ratio Lower Upper
149 100
150 8.9 7.4 11.0
104 3.8 3.4 5.2





#75
Fluoranthene
Concen: 34.338 ng
RT: 12.622 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

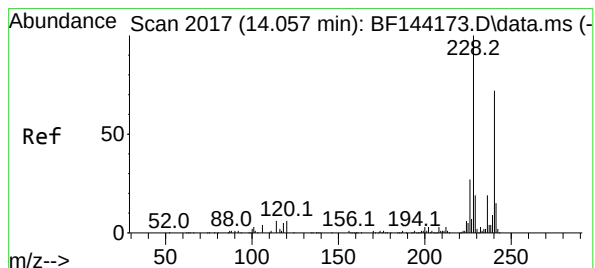
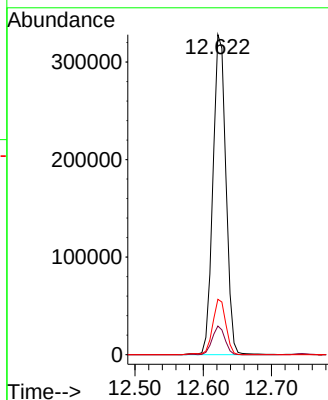
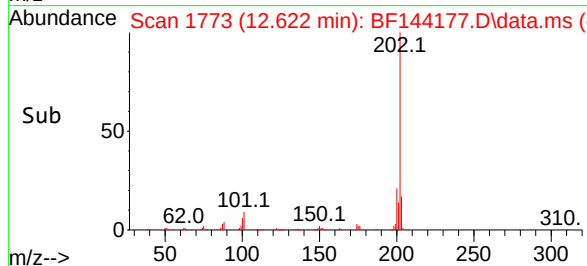
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion:202 Resp: 432624
Ion Ratio Lower Upper
202 100
101 8.9 0.0 27.9
203 17.3 0.0 37.5

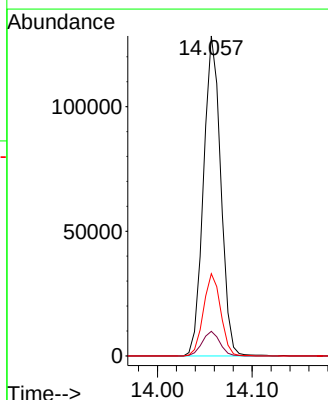
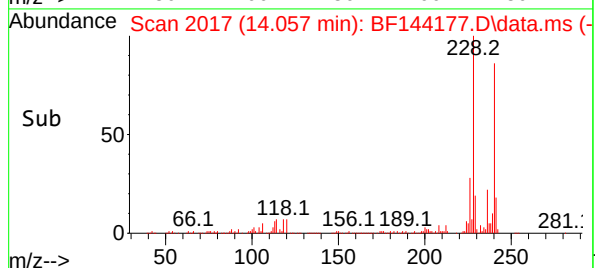
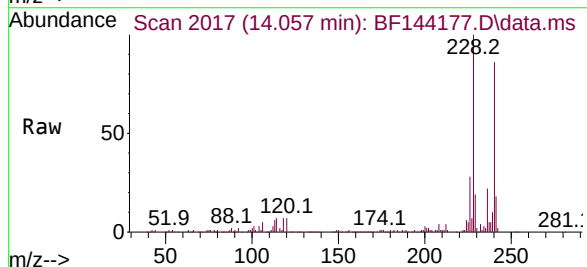
Manual Integrations
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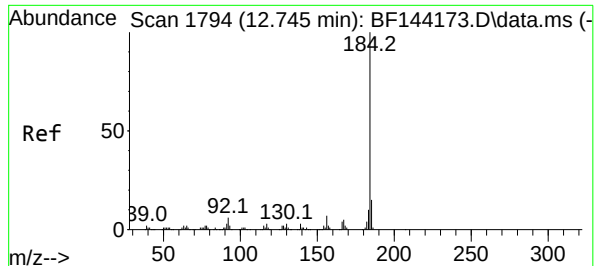
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

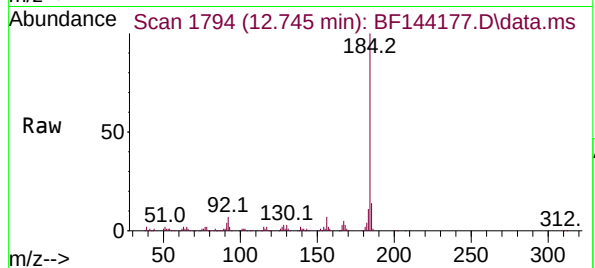
Tgt Ion:240 Resp: 162721
Ion Ratio Lower Upper
240 100
120 7.7 6.6 10.0
236 25.7 21.4 32.2





#77
Benzidine
Concen: 45.165 ng
RT: 12.745 min Scan# 1794
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

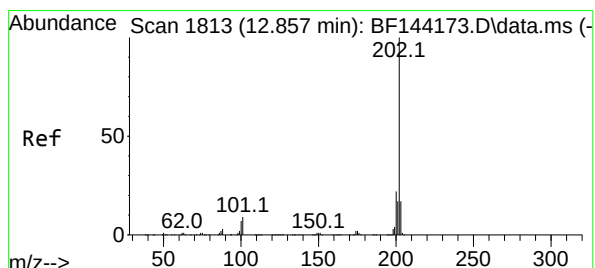
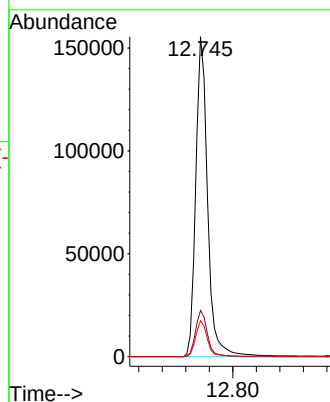
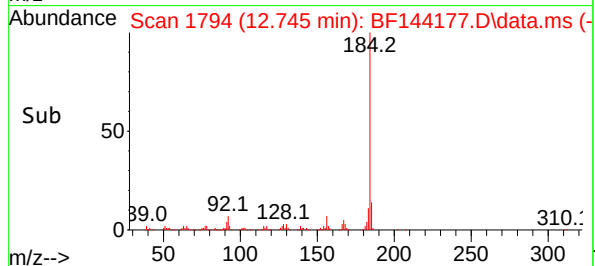
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion:184 Resp: 217389
Ion Ratio Lower Upper
184 100
185 14.4 11.7 17.5
183 11.2 8.3 12.5

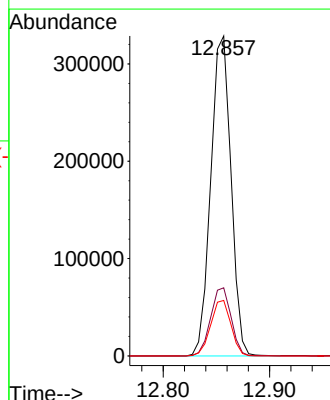
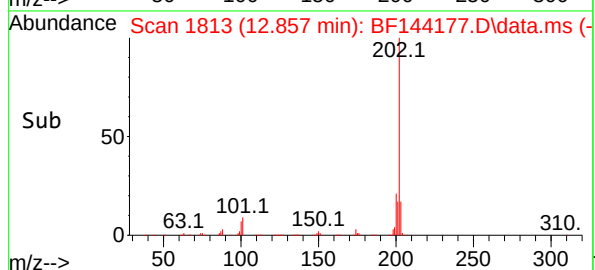
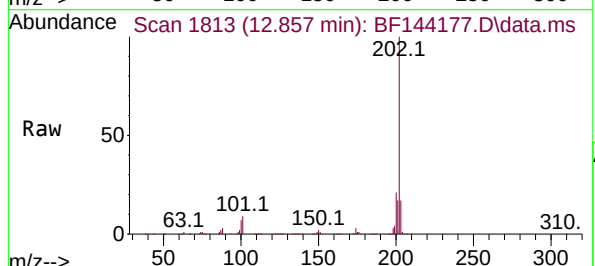
Manual Integrations
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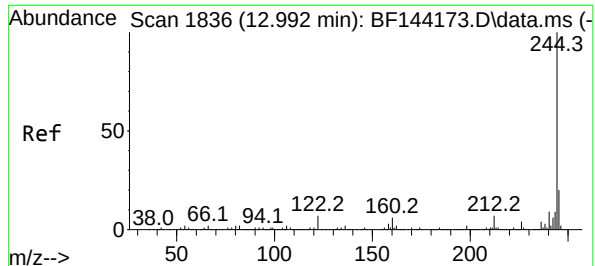
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#78
Pyrene
Concen: 33.011 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

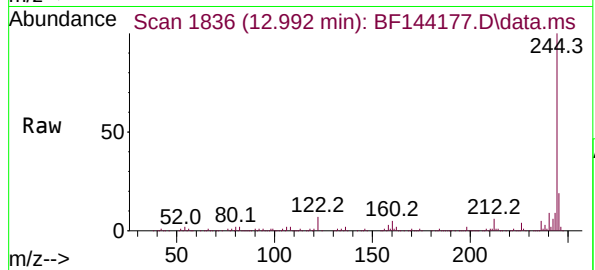
Tgt Ion:202 Resp: 433110
Ion Ratio Lower Upper
202 100
200 21.3 17.2 25.8
203 17.3 13.7 20.5





#79
Terphenyl-d14
Concen: 67.318 ng
RT: 12.992 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

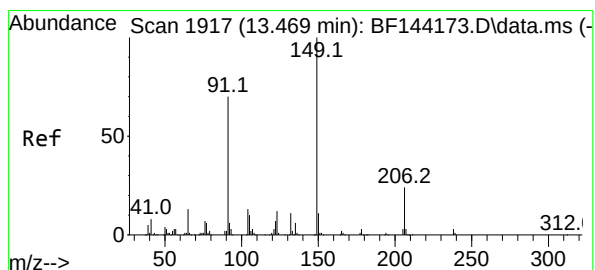
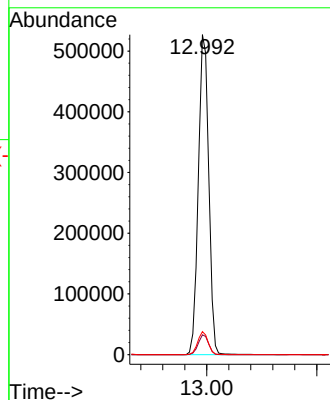
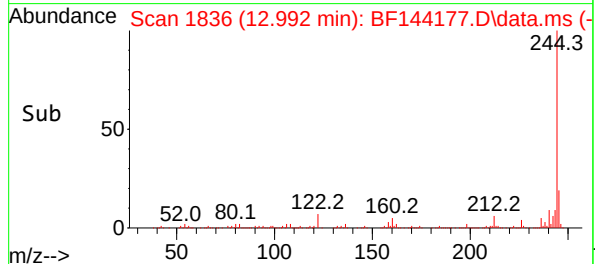
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion:244 Resp: 689624
Ion Ratio Lower Upper
244 100
212 6.2 5.3 7.9
122 7.2 5.6 8.4

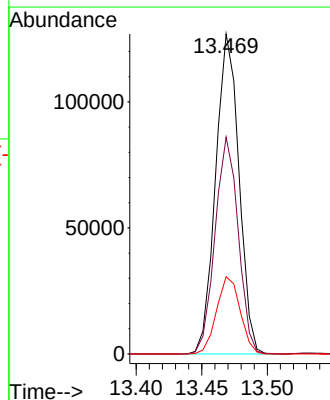
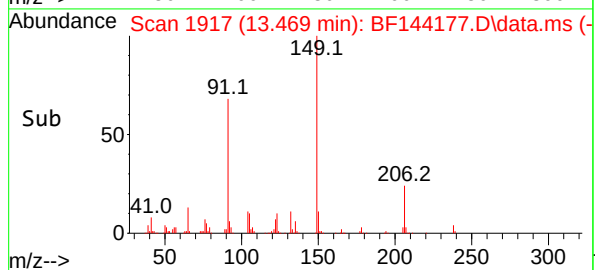
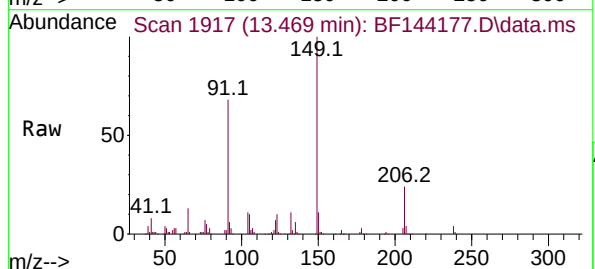
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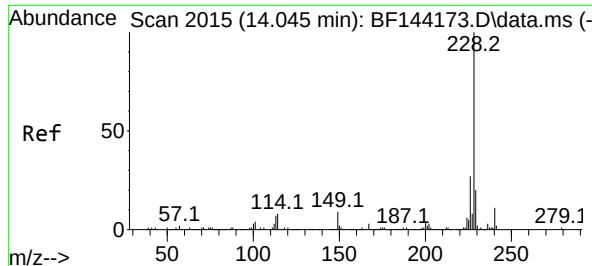
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#80
Butylbenzylphthalate
Concen: 34.633 ng
RT: 13.469 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:149 Resp: 157485
Ion Ratio Lower Upper
149 100
91 67.7 56.1 84.1
206 24.1 18.8 28.2





#81

Benzo(a)anthracene

Concen: 33.489 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF144177.D

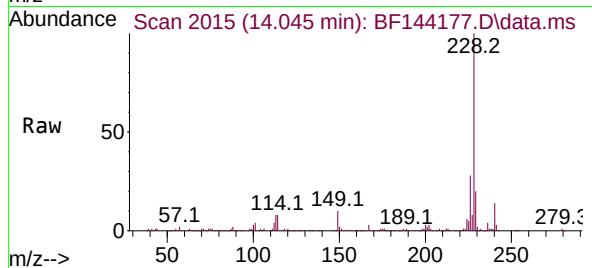
Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525



Tgt Ion:228 Resp: 377686

Ion Ratio Lower Upper

228 100

226 27.7 21.8 32.8

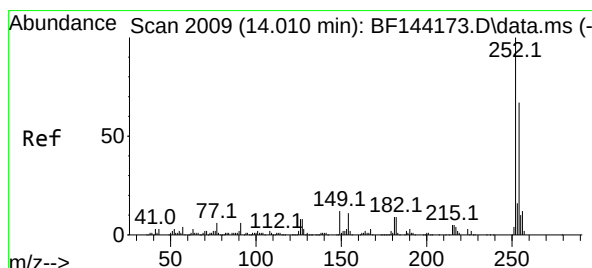
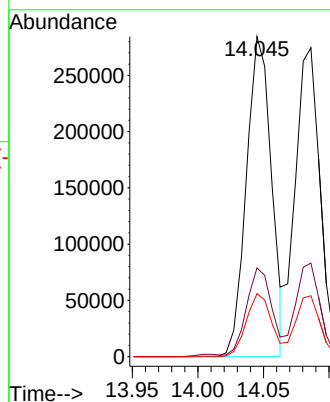
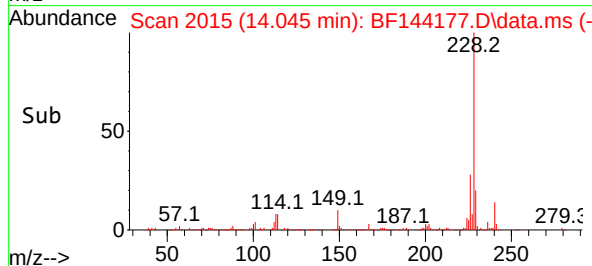
229 19.7 15.8 23.6

Manual Integrations

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Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#82

3,3'-Dichlorobenzidine

Concen: 39.612 ng

RT: 14.010 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

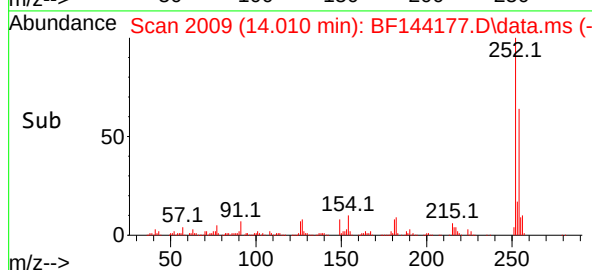
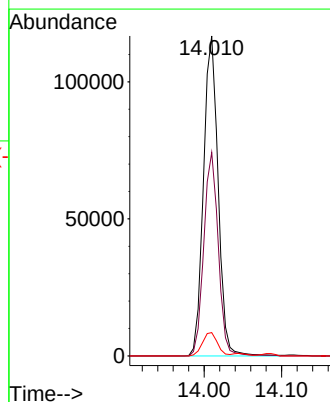
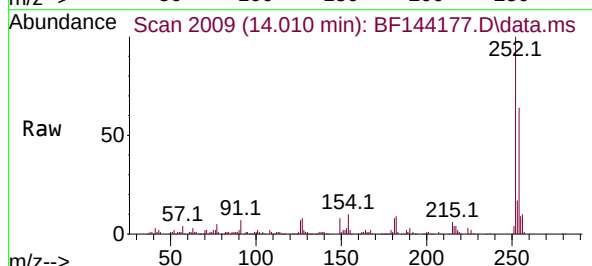
Tgt Ion:252 Resp: 153129

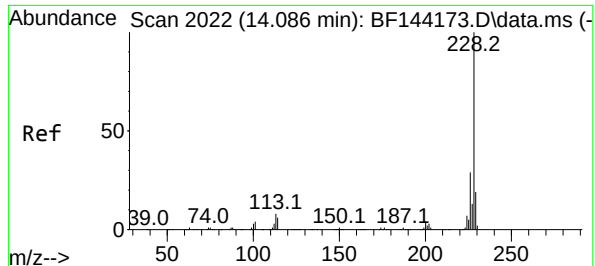
Ion Ratio Lower Upper

252 100

254 63.6 53.5 80.3

126 7.3 6.4 9.6





#83

Chrysene

Concen: 34.559 ng

RT: 14.086 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

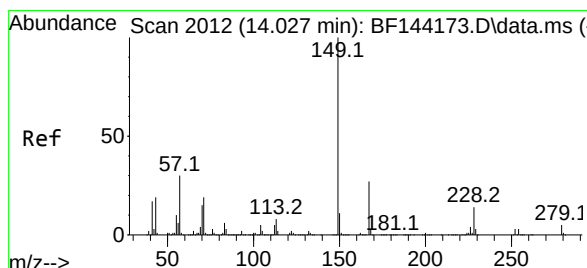
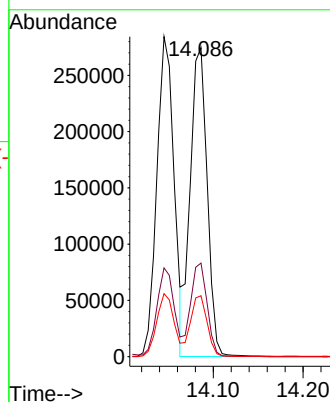
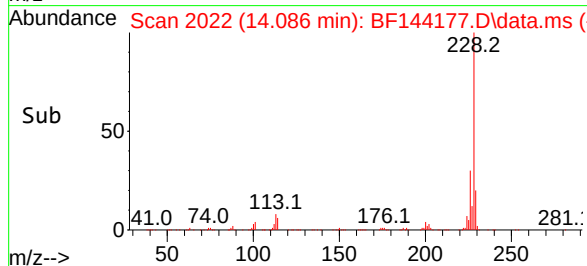
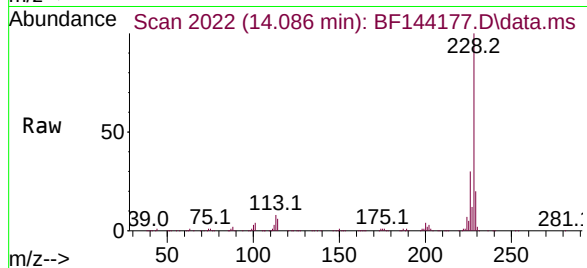
Tgt Ion:228 Resp: 359786
Ion Ratio Lower Upper
228 100
226 30.3 22.9 34.3
229 19.7 15.0 22.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 34.880 ng

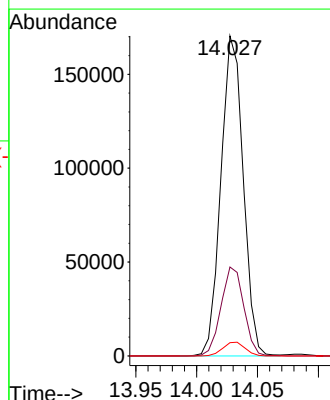
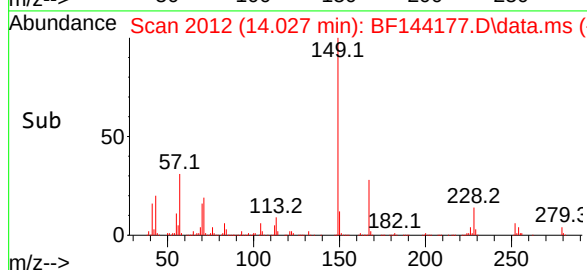
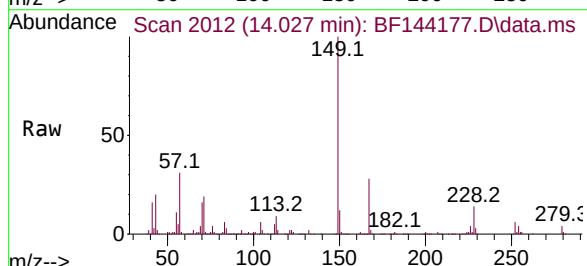
RT: 14.027 min Scan# 2012

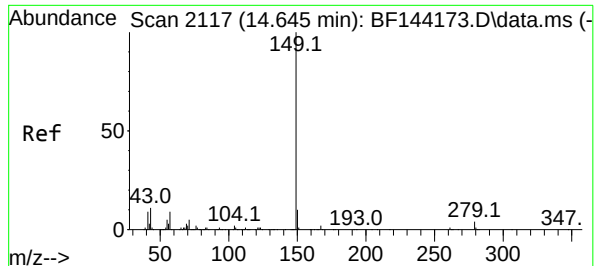
Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

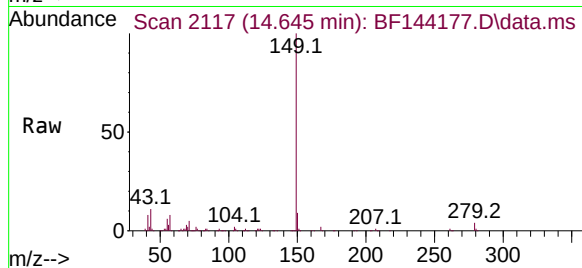
Tgt Ion:149 Resp: 217122
Ion Ratio Lower Upper
149 100
167 27.8 21.8 32.8
279 4.1 3.7 5.5





#85
Di-n-octyl phthalate
Concen: 35.142 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

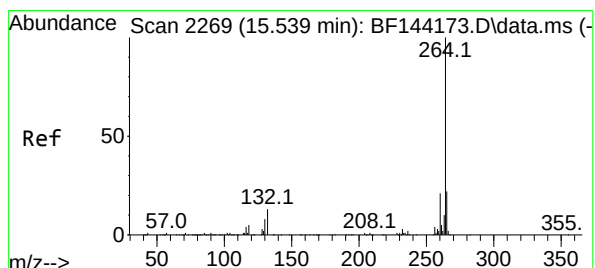
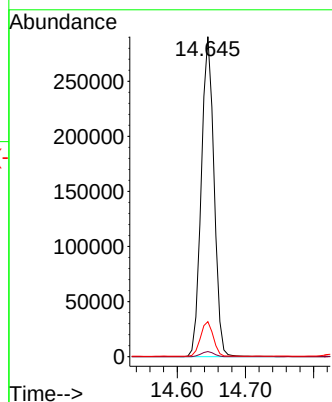
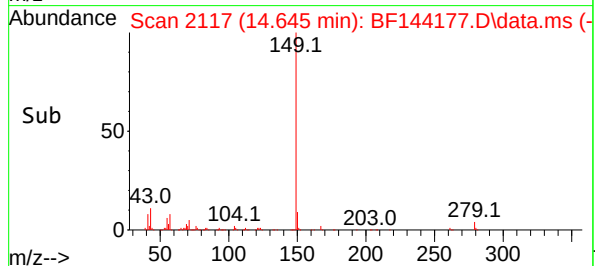
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion:149 Resp: 377429
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.8 9.0 13.4

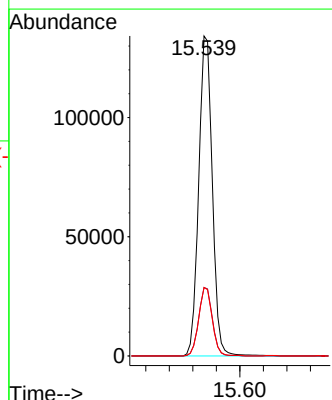
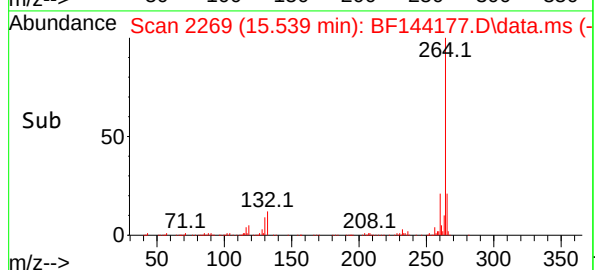
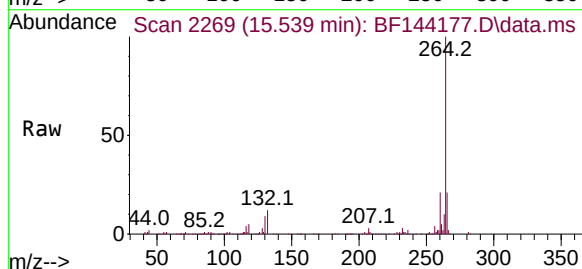
Manual Integrations
APPROVED

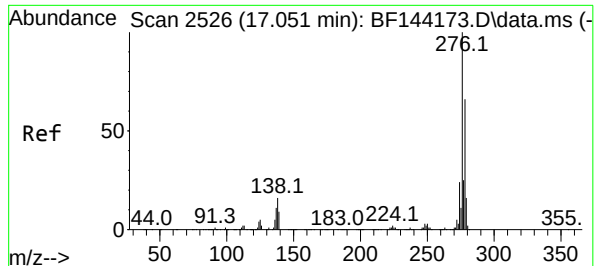
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:264 Resp: 215110
Ion Ratio Lower Upper
264 100
260 21.4 17.1 25.7
265 21.4 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 34.019 ng

RT: 17.051 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

Tgt Ion:276 Resp: 525298

Ion Ratio Lower Upper

276 100

138 17.7 13.9 20.9

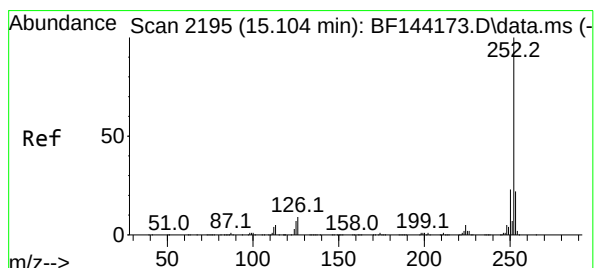
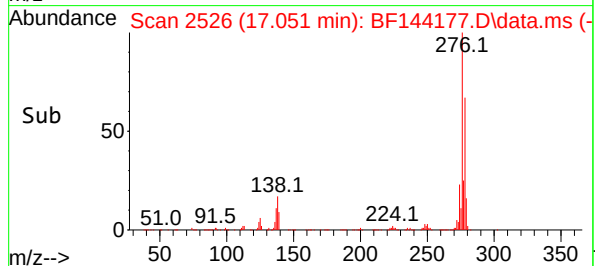
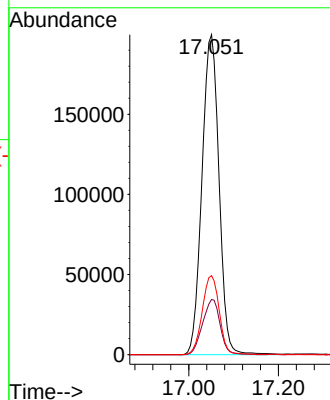
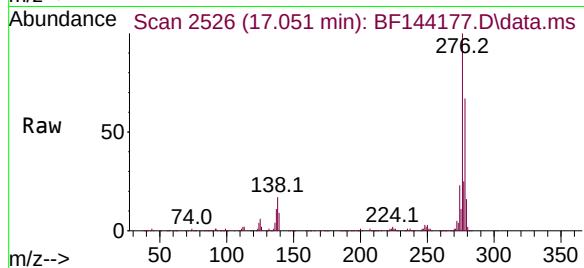
277 24.6 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#88

Benzo(b)fluoranthene

Concen: 35.021 ng

RT: 15.104 min Scan# 2195

Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

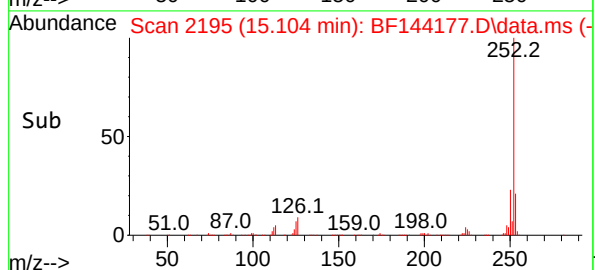
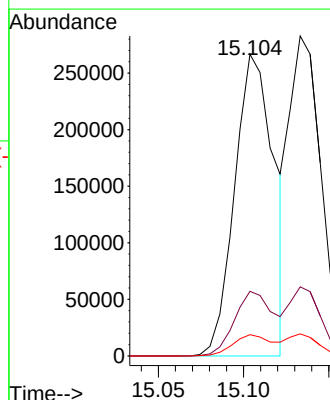
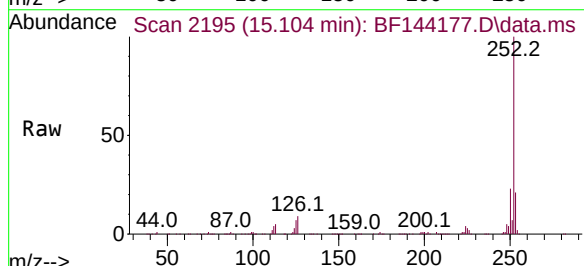
Tgt Ion:252 Resp: 428292

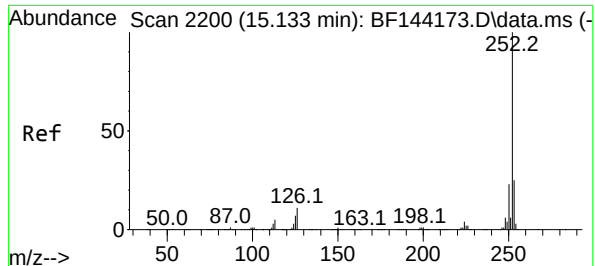
Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.2

125 7.0 5.3 7.9





#89

Benzo(k)fluoranthene

Concen: 32.431 ng

RT: 15.133 min Scan# 2200

Delta R.T. -0.012 min

Lab File: BF144177.D

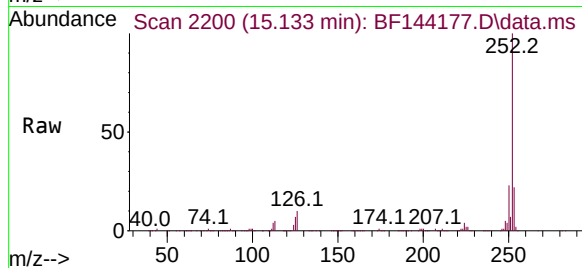
Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

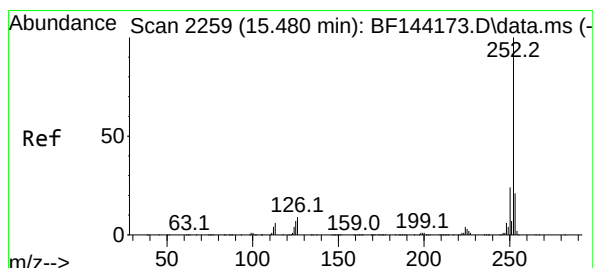
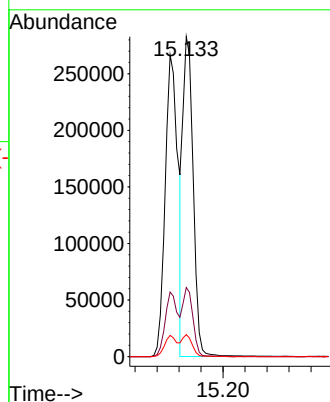
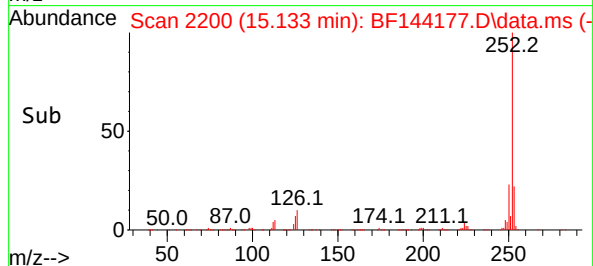


Tgt Ion:252 Resp: 371234
Ion Ratio Lower Upper
252 100
253 21.6 18.0 27.0
125 6.9 5.4 8.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#90

Benzo(a)pyrene

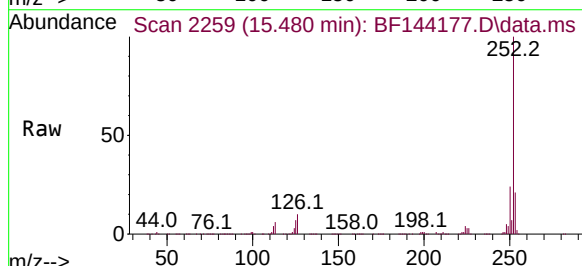
Concen: 35.415 ng

RT: 15.480 min Scan# 2259

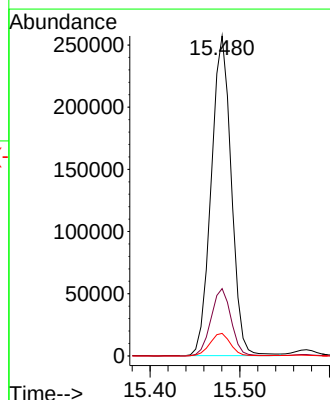
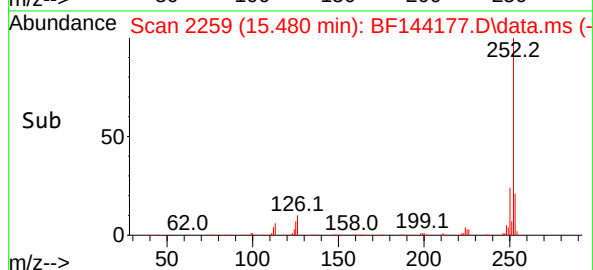
Delta R.T. -0.006 min

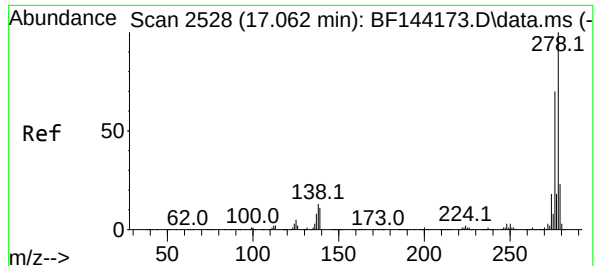
Lab File: BF144177.D

Acq: 05 Nov 2025 17:21



Tgt Ion:252 Resp: 399556
Ion Ratio Lower Upper
252 100
253 21.0 16.7 25.1
125 7.0 5.7 8.5





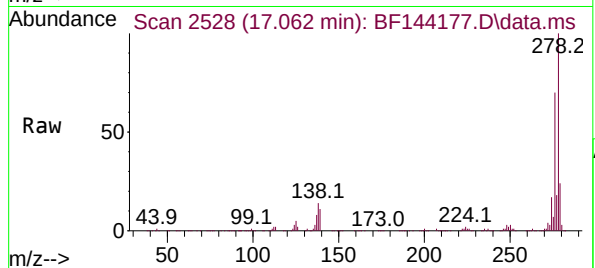
#91
Dibenzo(a,h)anthracene
Concen: 34.126 ng
RT: 17.062 min Scan# 2528
Delta R.T. -0.018 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525



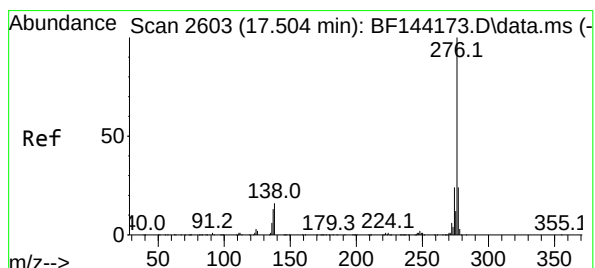
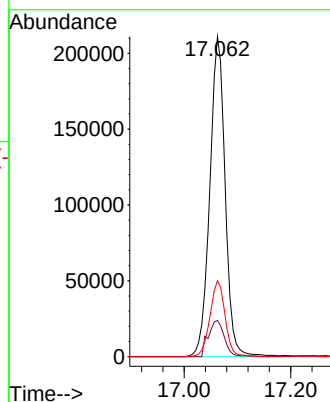
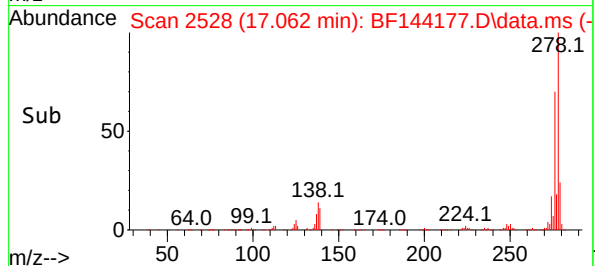
Tgt Ion:278 Resp: 423195
Ion Ratio Lower Upper
278 100
139 11.3 9.1 13.7
279 23.7 18.2 27.4

Manual Integrations

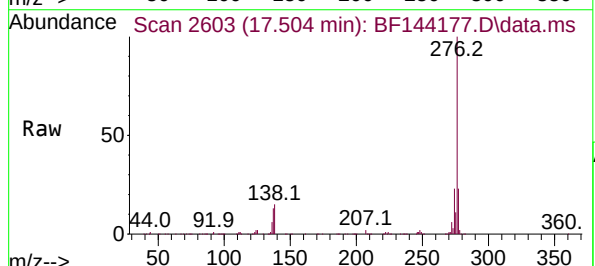
APPROVED

Reviewed By :Rahul Chavli 11/06/2025

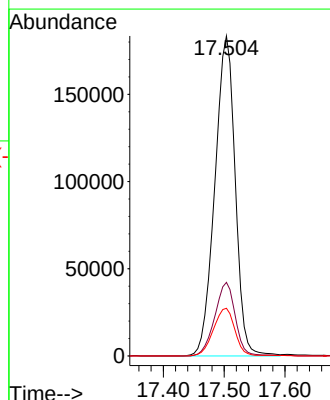
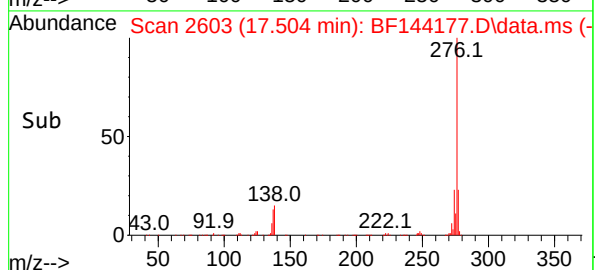
Supervised By :Jagrut Upadhyay 11/06/2025



#92
Benzo(g,h,i)perylene
Concen: 34.857 ng
RT: 17.504 min Scan# 2603
Delta R.T. -0.018 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21



Tgt Ion:276 Resp: 426866
Ion Ratio Lower Upper
276 100
277 23.0 19.0 28.4
138 14.9 12.9 19.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144177.D
 Acq On : 05 Nov 2025 17:21
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110525

Quant Time: Nov 05 17:56:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 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	99	0.00
2	1,4-Dioxane	0.528	0.462	12.5	83	-0.01
3	Pyridine	1.474	1.199	18.7	78	-0.04
4	n-Nitrosodimethylamine	0.770	0.697	9.5	89	-0.02
5 S	2-Fluorophenol	1.278	1.122	12.2	84	0.00
6	Aniline	2.063	1.917	7.1	92	0.00
7 S	Phenol-d6	1.448	1.258	13.1	85	0.00
8	2-Chlorophenol	1.253	1.100	12.2	85	0.00
9	Benzaldehyde	0.818	0.927	-13.3	112	0.00
10 C	Phenol	1.769	1.573	11.1	84	0.00
11	bis(2-Chloroethyl)ether	1.289	1.133	12.1	85	0.00
12	1,3-Dichlorobenzene	1.547	1.393	10.0	89	0.00
13 C	1,4-Dichlorobenzene	1.549	1.389	10.3	86	0.00
14	1,2-Dichlorobenzene	1.485	1.372	7.6	91	0.00
15	Benzyl Alcohol	1.147	1.020	11.1	87	0.00
16	2,2'-oxybis(1-Chloropropane	2.374	2.098	11.6	86	0.00
17	2-Methylphenol	0.997	0.866	13.1	83	0.00
18	Hexachloroethane	0.515	0.464	9.9	86	0.00
19 P	n-Nitroso-di-n-propylamine	0.953	0.812	14.8	84	0.00
20	3+4-Methylphenols	1.175	1.053	10.4	86	-0.01
21 I	Naphthalene-d8	1.000	1.000	0.0	101	0.00
22	Acetophenone	0.429	0.387	9.8	90	0.00
23 S	Nitrobenzene-d5	0.346	0.297	14.2	83	0.00
24	Nitrobenzene	0.376	0.327	13.0	85	0.00
25	Isophorone	0.655	0.569	13.1	85	0.00
26 C	2-Nitrophenol	0.186	0.170	8.6	87	0.00
27	2,4-Dimethylphenol	0.279	0.274	1.8	93	0.00
28	bis(2-Chloroethoxy)methane	0.409	0.362	11.5	86	0.00
29 C	2,4-Dichlorophenol	0.322	0.274	14.9	83	0.00
30	1,2,4-Trichlorobenzene	0.330	0.294	10.9	88	0.00
31	Naphthalene	0.951	0.829	12.8	86	0.00
32	Benzoic acid	0.204	0.154	24.5	86	-0.04
33	4-Chloroaniline	0.347	0.336	3.2	93	0.00
34 C	Hexachlorobutadiene	0.249	0.215	13.7	83	0.00
35	Caprolactam	0.088	0.074	15.9	80	-0.03
36 C	4-Chloro-3-methylphenol	0.288	0.247	14.2	84	0.00
37	2-Methylnaphthalene	0.636	0.509	20.0	79	0.00
38	1-Methylnaphthalene	0.614	0.514	16.3	83	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	97	0.00
40	1,2,4,5-Tetrachlorobenzene	0.655	0.603	7.9	86	0.00
41 P	Hexachlorocyclopentadiene	0.195	0.243	-24.6	118	0.00
42 S	2,4,6-Tribromophenol	0.251	0.213	15.1	78	0.00
43 C	2,4,6-Trichlorophenol	0.446	0.394	11.7	84	0.00
44	2,4,5-Trichlorophenol	0.481	0.423	12.1	84	0.00
45 S	2-Fluorobiphenyl	1.354	1.180	12.9	85	0.00
46	1,1'-Biphenyl	1.396	1.275	8.7	87	0.00
47	2-Chloronaphthalene	1.191	1.045	12.3	84	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144177.D
 Acq On : 05 Nov 2025 17:21
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110525

Quant Time: Nov 05 17:56:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 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	0.344	0.306	11.0	82	0.00
49	Acenaphthylene	1.623	1.615	0.5	95	0.00
50	Dimethylphthalate	1.325	1.162	12.3	83	0.00
51	2,6-Dinitrotoluene	0.268	0.246	8.2	86	0.00
52 C	Acenaphthene	1.085	0.914	15.8	81	0.00
53	3-Nitroaniline	0.293	0.259	11.6	80	0.00
54 P	2,4-Dinitrophenol	0.162	0.116	28.4#	80	0.00
55	Dibenzofuran	1.520	1.353	11.0	84	0.00
56 P	4-Nitrophenol	0.212	0.164	22.6	78	0.00
57	2,4-Dinitrotoluene	0.359	0.323	10.0	81	0.00
58	Fluorene	1.156	1.037	10.3	85	0.00
59	2,3,4,6-Tetrachlorophenol	0.340	0.318	6.5	86	0.00
60	Diethylphthalate	1.221	1.058	13.3	82	0.00
61	4-Chlorophenyl-phenylether	0.658	0.576	12.5	81	0.00
62	4-Nitroaniline	0.279	0.246	11.8	83	0.00
63	Azobenzene	1.137	1.022	10.1	85	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	95	0.00
65	4,6-Dinitro-2-methylphenol	0.136	0.106	22.1	78	0.00
66 c	n-Nitrosodiphenylamine	0.643	0.584	9.2	86	0.00
67	4-Bromophenyl-phenylether	0.255	0.218	14.5	79	0.00
68	Hexachlorobenzene	0.301	0.262	13.0	83	0.00
69	Atrazine	0.205	0.188	8.3	87	0.00
70 C	Pentachlorophenol	0.150	0.122	18.7	75	0.00
71	Phenanthrene	0.996	0.873	12.3	82	0.00
72	Anthracene	1.013	0.893	11.8	83	0.00
73	Carbazole	0.861	0.737	14.4	80	0.00
74	Di-n-butylphthalate	1.041	0.899	13.6	80	0.00
75 C	Fluoranthene	1.029	0.883	14.2	80	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	100	0.00
77	Benzidine	0.592	0.668	-12.8	107	0.00
78	Pyrene	1.613	1.331	17.5	78	0.00
79 S	Terphenyl-d14	1.259	1.060	15.8	81	0.00
80	Butylbenzylphthalate	0.559	0.484	13.4	82	0.00
81	Benzo(a)anthracene	1.386	1.161	16.2	81	0.00
82	3,3'-Dichlorobenzidine	0.475	0.471	0.8	98	0.00
83	Chrysene	1.280	1.106	13.6	79	0.00
84	Bis(2-ethylhexyl)phthalate	0.765	0.667	12.8	82	0.00
85 c	Di-n-octyl phthalate	1.320	1.160	12.1	82	0.00
86 I	Perylene-d12	1.000	1.000	0.0	103	0.00
87	Indeno(1,2,3-cd)pyrene	1.436	1.221	15.0	85	0.02
88	Benzo(b)fluoranthene	1.137	0.996	12.4	83	0.00
89	Benzo(k)fluoranthene	1.064	0.863	18.9	85	0.00
90 C	Benzo(a)pyrene	1.049	0.929	11.4	89	0.00
91	Dibenzo(a,h)anthracene	1.153	0.984	14.7	85	0.01
92	Benzo(g,h,i)perylene	1.139	0.992	12.9	86	0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144177.D
Acq On : 05 Nov 2025 17:21
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF110525

Quant Time: Nov 05 17:56:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 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\BF110525\
 Data File : BF144177.D
 Acq On : 05 Nov 2025 17:21
 Operator : RC/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 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	99	0.00
2	1,4-Dioxane	40.000	34.992	12.5	83	-0.01
3	Pyridine	40.000	32.541	18.6	78	-0.04
4	n-Nitrosodimethylamine	40.000	36.224	9.4	89	-0.02
5 S	2-Fluorophenol	80.000	70.243	12.2	84	0.00
6	Aniline	40.000	37.159	7.1	92	0.00
7 S	Phenol-d6	80.000	69.484	13.1	85	0.00
8	2-Chlorophenol	40.000	35.096	12.3	85	0.00
9	Benzaldehyde	40.000	45.337	-13.3	112	0.00
10 C	Phenol	40.000	35.563	11.1	84	0.00
11	bis(2-Chloroethyl)ether	40.000	35.167	12.1	85	0.00
12	1,3-Dichlorobenzene	40.000	36.038	9.9	89	0.00
13 C	1,4-Dichlorobenzene	40.000	35.858	10.4	86	0.00
14	1,2-Dichlorobenzene	40.000	36.957	7.6	91	0.00
15	Benzyl Alcohol	40.000	35.593	11.0	87	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	35.340	11.6	86	0.00
17	2-Methylphenol	40.000	34.723	13.2	83	0.00
18	Hexachloroethane	40.000	36.050	9.9	86	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	34.051	14.9	84	0.00
20	3+4-Methylphenols	40.000	35.839	10.4	86	-0.01
21 I	Naphthalene-d8	20.000	20.000	0.0	101	0.00
22	Acetophenone	40.000	36.061	9.8	90	0.00
23 S	Nitrobenzene-d5	80.000	68.601	14.2	83	0.00
24	Nitrobenzene	40.000	34.763	13.1	85	0.00
25	Isophorone	40.000	34.755	13.1	85	0.00
26 C	2-Nitrophenol	40.000	36.521	8.7	87	0.00
27	2,4-Dimethylphenol	40.000	39.334	1.7	93	0.00
28	bis(2-Chloroethoxy)methane	40.000	35.422	11.4	86	0.00
29 C	2,4-Dichlorophenol	40.000	34.086	14.8	83	0.00
30	1,2,4-Trichlorobenzene	40.000	35.677	10.8	88	0.00
31	Naphthalene	40.000	34.861	12.8	86	0.00
32	Benzoic acid	40.000	30.148	24.6	86	-0.04
33	4-Chloroaniline	40.000	38.685	3.3	93	0.00
34 C	Hexachlorobutadiene	40.000	34.552	13.6	83	0.00
35	Caprolactam	40.000	33.478	16.3	80	-0.03
36 C	4-Chloro-3-methylphenol	40.000	34.336	14.2	84	0.00
37	2-Methylnaphthalene	40.000	31.978	20.1	79	0.00
38	1-Methylnaphthalene	40.000	33.472	16.3	83	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	97	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	36.811	8.0	86	0.00
41 P	Hexachlorocyclopentadiene	40.000	46.350	-15.9	118	0.00
42 S	2,4,6-Tribromophenol	80.000	67.987	15.0	78	0.00
43 C	2,4,6-Trichlorophenol	40.000	35.357	11.6	84	0.00
44	2,4,5-Trichlorophenol	40.000	35.179	12.1	84	0.00
45 S	2-Fluorobiphenyl	80.000	69.741	12.8	85	0.00
46	1,1'-Biphenyl	40.000	36.526	8.7	87	0.00
47	2-Chloronaphthalene	40.000	35.092	12.3	84	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144177.D
 Acq On : 05 Nov 2025 17:21
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110525

Quant Time: Nov 05 17:56:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 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	35.641	10.9	82	0.00
49	Acenaphthylene	40.000	39.818	0.5	95	0.00
50	Dimethylphthalate	40.000	35.076	12.3	83	0.00
51	2,6-Dinitrotoluene	40.000	36.758	8.1	86	0.00
52 C	Acenaphthene	40.000	33.702	15.7	81	0.00
53	3-Nitroaniline	40.000	35.372	11.6	80	0.00
54 P	2,4-Dinitrophenol	40.000	28.732	28.2#	80	0.00
55	Dibenzofuran	40.000	35.602	11.0	84	0.00
56 P	4-Nitrophenol	40.000	30.929	22.7	78	0.00
57	2,4-Dinitrotoluene	40.000	35.994	10.0	81	0.00
58	Fluorene	40.000	35.903	10.2	85	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	37.425	6.4	86	0.00
60	Diethylphthalate	40.000	34.646	13.4	82	0.00
61	4-Chlorophenyl-phenylether	40.000	35.002	12.5	81	0.00
62	4-Nitroaniline	40.000	35.278	11.8	83	0.00
63	Azobenzene	40.000	35.958	10.1	85	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	95	0.00
65	4,6-Dinitro-2-methylphenol	40.000	31.346	21.6	78	0.00
66 c	n-Nitrosodiphenylamine	40.000	36.292	9.3	86	0.00
67	4-Bromophenyl-phenylether	40.000	34.135	14.7	79	0.00
68	Hexachlorobenzene	40.000	34.810	13.0	83	0.00
69	Atrazine	40.000	36.790	8.0	87	0.00
70 C	Pentachlorophenol	40.000	32.706	18.2	75	0.00
71	Phenanthrene	40.000	35.049	12.4	82	0.00
72	Anthracene	40.000	35.286	11.8	83	0.00
73	Carbazole	40.000	34.224	14.4	80	0.00
74	Di-n-butylphthalate	40.000	34.535	13.7	80	0.00
75 C	Fluoranthene	40.000	34.338	14.2	80	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	100	0.00
77	Benzidine	40.000	45.165	-12.9	107	0.00
78	Pyrene	40.000	33.011	17.5	78	0.00
79 S	Terphenyl-d14	80.000	67.318	15.9	81	0.00
80	Butylbenzylphthalate	40.000	34.633	13.4	82	0.00
81	Benzo(a)anthracene	40.000	33.489	16.3	81	0.00
82	3,3'-Dichlorobenzidine	40.000	39.612	1.0	98	0.00
83	Chrysene	40.000	34.559	13.6	79	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	34.880	12.8	82	0.00
85 c	Di-n-octyl phthalate	40.000	35.142	12.1	82	0.00
86 I	Perylene-d12	20.000	20.000	0.0	103	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	34.019	15.0	85	0.02
88	Benzo(b)fluoranthene	40.000	35.021	12.4	83	0.00
89	Benzo(k)fluoranthene	40.000	32.431	18.9	85	0.00
90 C	Benzo(a)pyrene	40.000	35.415	11.5	89	0.00
91	Dibenzo(a,h)anthracene	40.000	34.126	14.7	85	0.01
92	Benzo(g,h,i)perylene	40.000	34.857	12.9	86	0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144177.D
Acq On : 05 Nov 2025 17:21
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF110525

Quant Time: Nov 05 17:56:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 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



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Fax : 908 789 8922

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: AllianceContract: ROMA02Lab Code: ACESDG No.: Q3604Instrument ID: BNA_PCalibration Date(s): 11/18/2025 11/18/2025Calibration Time(s): 14:31 21:22

LAB FILE ID:		RRF2.5 = BP026143.D			RRF005 = BP026144.D		RRF010 = BP026145.D	
		RRF020 = BP026146.D			RRF040 = BP026147.D		RRF050 = BP026148.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.193	1.249	1.277	1.245	1.255	1.246	2.1
Benzaldehyde			0.963	0.899	0.922	0.719	0.831	14.0
Phenol-d6		1.465	1.564	1.623	1.617	1.632	1.586	3.6
Phenol		1.570	1.658	1.757	1.746	1.759	1.709	4.1
bis(2-Chloroethyl) ether		1.252	1.334	1.368	1.361	1.363	1.338	3.0
2-Chlorophenol		1.318	1.398	1.438	1.431	1.452	1.418	3.4
2-Methylphenol		1.067	1.126	1.191	1.195	1.202	1.163	4.3
2,2-oxybis(1-Chloropropane)		1.769	1.841	1.961	1.914	1.924	1.879	3.4
Acetophenone		0.497	0.521	0.530	0.507	0.504	0.508	2.6
3+4-Methylphenols			1.530	1.656	1.624	1.648	1.612	2.8
n-Nitroso-di-n-propylamine	0.937	0.899	0.960	1.063	1.024	1.039	0.985	5.5
Nitrobenzene-d5		0.335	0.357	0.362	0.355	0.351	0.352	2.4
Hexachloroethane		0.527	0.559	0.569	0.565	0.565	0.560	3.0
Nitrobenzene		0.339	0.356	0.368	0.359	0.357	0.356	2.5
Isophorone		0.655	0.693	0.736	0.710	0.710	0.698	3.6
2-Nitrophenol		0.152	0.164	0.182	0.189	0.189	0.180	8.9
2,4-Dimethylphenol		0.305	0.327	0.337	0.328	0.328	0.325	3.1
bis(2-Chloroethoxy) methane		0.425	0.439	0.454	0.439	0.442	0.437	2.3
2,4-Dichlorophenol		0.298	0.322	0.335	0.331	0.330	0.325	3.8
Naphthalene		1.080	1.114	1.115	1.073	1.073	1.081	2.3
4-Chloroaniline		0.429	0.461	0.479	0.472	0.463	0.460	3.5
Hexachlorobutadiene		0.213	0.218	0.219	0.215	0.211	0.215	1.6
Caprolactam			0.113	0.123	0.117	0.118	0.116	3.4
4-Chloro-3-methylphenol		0.314	0.342	0.366	0.354	0.356	0.345	4.8
2-Methylnaphthalene		0.732	0.791	0.804	0.773	0.773	0.766	3.5
Hexachlorocyclopentadiene			0.347	0.382	0.396	0.396	0.396	7.8
2,4,6-Trichlorophenol		0.380	0.404	0.431	0.420	0.420	0.415	4.2
2-Fluorobiphenyl		1.430	1.442	1.453	1.337	1.317	1.365	5.7
2,4,5-Trichlorophenol		0.428	0.454	0.482	0.467	0.469	0.463	3.7
1,1-Biphenyl		1.499	1.540	1.580	1.489	1.469	1.506	2.8
2-Chloronaphthalene		1.167	1.215	1.217	1.169	1.164	1.184	2.0
2-Nitroaniline		0.289	0.310	0.345	0.338	0.336	0.329	6.6
Dimethylphthalate		1.470	1.517	1.573	1.494	1.470	1.494	2.7
Acenaphthylene		1.890	1.987	2.051	1.947	1.943	1.953	2.7

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



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Fax : 908 789 8922

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: AllianceContract: ROMA02Lab Code: ACESDG No.: Q3604Instrument ID: BNA_PCalibration Date(s): 11/18/2025 11/18/2025Calibration Time(s): 14:31 21:22

LAB FILE ID:		RRF2.5 = BP026143.D			RRF005 = BP026144.D		RRF010 = BP026145.D	
		RRF020 = BP026146.D			RRF040 = BP026147.D		RRF050 = BP026148.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2,6-Dinitrotoluene		0.235	0.267	0.310	0.315	0.312	0.296	10.9
3-Nitroaniline		0.286	0.330	0.368	0.362	0.364	0.349	8.7
Acenaphthene		1.139	1.182	1.180	1.138	1.141	1.145	2.9
2,4-Dinitrophenol			0.124	0.174	0.186	0.187	0.179	16.3
4-Nitrophenol			0.290	0.331	0.316	0.314	0.315	4.5
Dibenzofuran		1.779	1.832	1.880	1.765	1.763	1.773	4.0
2,4-Dinitrotoluene		0.362	0.407	0.469	0.467	0.464	0.442	9.4
Diethylphthalate		1.493	1.507	1.592	1.522	1.493	1.505	2.9
4-Chlorophenyl-phenylether		0.718	0.717	0.741	0.693	0.691	0.697	4.5
Fluorene		1.447	1.490	1.500	1.380	1.374	1.401	5.9
4-Nitroaniline		0.313	0.359	0.394	0.365	0.368	0.362	6.9
4,6-Dinitro-2-methylphenol			0.099	0.123	0.134	0.132	0.127	11.8
n-Nitrosodiphenylamine		0.598	0.640	0.641	0.624	0.610	0.619	2.7
2,4,6-Tribromophenol		0.241	0.253	0.273	0.264	0.262	0.259	3.9
4-Bromophenyl-phenylether		0.208	0.219	0.223	0.229	0.221	0.221	3.3
Hexachlorobenzene		0.243	0.260	0.260	0.265	0.255	0.257	2.9
Atrazine		0.217	0.232	0.247	0.238	0.233	0.233	3.9
Pentachlorophenol			0.170	0.179	0.183	0.179	0.180	3.3
Phenanthrene		1.128	1.179	1.179	1.122	1.102	1.127	3.4
Anthracene		1.122	1.194	1.198	1.171	1.122	1.149	3.3
Carbazole		1.083	1.178	1.151	1.105	1.045	1.091	5.1
Di-n-butylphthalate		1.219	1.290	1.372	1.358	1.304	1.294	4.6
Fluoranthene		1.383	1.464	1.452	1.369	1.308	1.369	5.1
Pyrene		1.266	1.318	1.375	1.331	1.309	1.311	2.7
Terphenyl-d14		1.024	1.037	1.061	0.990	0.971	0.981	7.1
Butylbenzylphthalate		0.546	0.552	0.612	0.603	0.588	0.578	4.6
3,3-Dichlorobenzidine			0.513	0.526	0.500	0.492	0.500	3.6
Benzo (a) anthracene		1.373	1.401	1.437	1.376	1.349	1.374	2.6
Chrysene		1.298	1.336	1.341	1.284	1.266	1.295	2.5
Bis (2-ethylhexyl) phthalate		0.842	0.825	0.918	0.933	0.876	0.874	5.5
Di-n-octyl phthalate			1.414	1.572	1.581	1.553	1.529	4.6
Benzo (b) fluoranthene		1.190	1.226	1.271	1.237	1.222	1.218	2.6
Benzo (k) fluoranthene		1.206	1.228	1.275	1.213	1.213	1.217	2.4
Benzo (a) pyrene		1.121	1.153	1.198	1.168	1.147	1.154	2.1
Indeno (1,2,3-cd) pyrene		1.442	1.484	1.538	1.511	1.483	1.500	2.2

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



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6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: AllianceContract: ROMA02Lab Code: ACESDG No.: Q3604Instrument ID: BNA_PCalibration Date(s): 11/18/2025 11/18/2025Calibration Time(s): 14:31 21:22

LAB FILE ID:		RRF2.5 = BP026143.D			RRF005 = BP026144.D		RRF010 = BP026145.D	
		RRF020 = BP026146.D			RRF040 = BP026147.D		RRF050 = BP026148.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Dibenzo(a,h)anthracene		1.177	1.220	1.274	1.237	1.209	1.228	2.5
Benzo(g,h,i)perylene		1.175	1.230	1.253	1.223	1.185	1.220	2.4
1,2,4,5-Tetrachlorobenzene		0.607	0.610	0.613	0.597	0.594	0.605	1.2
1,4-Dioxane		0.507	0.520	0.524	0.487	0.502	0.505	2.6
2,3,4,6-Tetrachlorophenol		0.361	0.391	0.409	0.400	0.397	0.393	3.8

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-BP111825.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Wed Nov 19 01:25:31 2025
 Response Via : Initial Calibration

Calibration Files

2.5 =BP026143.D 5 =BP026144.D 10 =BP026145.D 20 =BP026146.D 40 =BP026147.D 50 =BP026148.D 60 =BP026149.D 80 =BP026150.D

	Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane	0.507	0.520	0.524	0.487	0.502	0.505	0.494	0.505	2.61	
3)	Pyridine	1.401	1.459	1.510	1.445	1.485	1.466	1.458	1.461	2.32	
4)	n-Nitrosodimet...		0.535	0.560	0.540	0.552	0.549	0.540	0.546	1.75	
5) S	2-Fluorophenol	1.193	1.249	1.277	1.245	1.255	1.258	1.245	1.246	2.08	
6)	Aniline	1.953	2.050	2.154	2.122	2.138	2.127	2.117	2.094	3.36	
7) S	Phenol-d6	1.465	1.564	1.623	1.617	1.632	1.606	1.596	1.586	3.64	
8)	2-Chlorophenol	1.318	1.398	1.438	1.431	1.452	1.439	1.453	1.418	3.37	
9)	Benzaldehyde		0.963	0.899	0.922	0.719	0.812	0.673	0.831	14.04	
10) C	Phenol	1.570	1.658	1.757	1.746	1.759	1.742	1.729	1.709	4.12	
11)	bis(2-Chloroet...	1.252	1.334	1.368	1.361	1.363	1.338	1.350	1.338	3.00	
12)	1,3-Dichlorobe...	1.511	1.526	1.570	1.525	1.528	1.518	1.518	1.528	1.28	
13) C	1,4-Dichlorobe...	1.495	1.547	1.589	1.540	1.546	1.532	1.530	1.540	1.81	
14)	1,2-Dichlorobe...	1.453	1.482	1.521	1.479	1.480	1.470	1.464	1.479	1.46	
15)	Benzyl Alcohol		1.074	1.181	1.187	1.194	1.164	1.173	1.162	3.82	
16)	2,2'-oxybis(1-...	1.769	1.841	1.961	1.914	1.924	1.852	1.892	1.879	3.40	
17)	2-Methylphenol	1.067	1.126	1.191	1.195	1.202	1.180	1.182	1.163	4.25	
18)	Hexachloroethane	0.527	0.559	0.569	0.565	0.565	0.557	0.581	0.560	2.99	
19) P	n-Nitroso-di-n...	0.937	0.899	0.960	1.063	1.024	1.039	0.975	0.986	0.985	5.53
20)	3+4-Methylphenols		1.530	1.656	1.624	1.648	1.601	1.613	1.612	2.82	
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone	0.497	0.521	0.530	0.507	0.504	0.507	0.493	0.508	2.58	
23) S	Nitrobenzene-d5	0.335	0.357	0.362	0.355	0.351	0.355	0.349	0.352	2.39	
24)	Nitrobenzene	0.339	0.356	0.368	0.359	0.357	0.360	0.354	0.356	2.50	
25)	Isophorone	0.655	0.693	0.736	0.710	0.710	0.686	0.697	0.698	3.57	
26) C	2-Nitrophenol	0.152	0.164	0.182	0.189	0.189	0.192	0.193	0.180	8.87	
27)	2,4-Dimethylph...	0.305	0.327	0.337	0.328	0.328	0.327	0.323	0.325	3.06	
28)	bis(2-Chloroet...	0.425	0.439	0.454	0.439	0.442	0.426	0.436	0.437	2.28	
29) C	2,4-Dichloroph...	0.298	0.322	0.335	0.331	0.330	0.330	0.328	0.325	3.81	
30)	1,2,4-Trichlor...	0.331	0.337	0.337	0.330	0.325	0.328	0.328	0.331	1.36	
31)	Naphthalene	1.080	1.114	1.115	1.073	1.073	1.059	1.052	1.081	2.30	
32)	Benzoic acid		0.209	0.268	0.276	0.276	0.329	0.285	0.274	14.03	
33)	4-Chloroaniline	0.429	0.461	0.479	0.472	0.463	0.458	0.457	0.460	3.45	
34) C	Hexachlorobuta...	0.213	0.218	0.219	0.215	0.211	0.212	0.219	0.215	1.65	
35)	Caprolactam		0.113	0.123	0.117	0.118	0.114	0.113	0.116	3.36	
36) C	4-Chloro-3-met...	0.314	0.342	0.366	0.354	0.356	0.344	0.342	0.345	4.75	
37)	2-Methylnaphth...	0.732	0.791	0.804	0.773	0.773	0.746	0.744	0.766	3.47	
38)	1-Methylnaphth...	0.735	0.767	0.785	0.763	0.746	0.729	0.719	0.749	3.17	

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
 Method File : 8270E-BP111825.M

39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.607	0.610	0.613	0.597	0.594	0.610	0.603	0.605	1.19	
41) P	Hexachlorocycl...	0.347	0.382	0.396	0.396	0.418	0.436	0.396		7.76	
42) S	2,4,6-Tribromo...	0.241	0.253	0.273	0.264	0.262	0.260	0.262	0.259	3.87	
43) C	2,4,6-Trichlor...	0.380	0.404	0.431	0.420	0.420	0.426	0.420	0.415	4.21	
44)	2,4,5-Trichlor...	0.428	0.454	0.482	0.467	0.469	0.473	0.468	0.463	3.72	
45) S	2-Fluorobiphenyl	1.430	1.442	1.453	1.337	1.317	1.325	1.249	1.365	5.68	
46)	1,1'-Biphenyl	1.499	1.540	1.580	1.489	1.469	1.504	1.460	1.506	2.78	
47)	2-Chloronaphth...	1.167	1.215	1.217	1.169	1.164	1.195	1.162	1.184	2.04	
48)	2-Nitroaniline	0.289	0.310	0.345	0.338	0.336	0.349	0.339	0.329	6.58	
49)	Acenaphthylene	1.890	1.987	2.051	1.947	1.943	1.951	1.906	1.953	2.74	
50)	Dimethylphthalate	1.470	1.517	1.573	1.494	1.470	1.470	1.462	1.494	2.66	
51)	2,6-Dinitrotol...	0.235	0.267	0.310	0.315	0.312	0.313	0.319	0.296	10.85	
52) C	Acenaphthene	1.139	1.182	1.180	1.138	1.141	1.153	1.081	1.145	2.95	
53)	3-Nitroaniline	0.286	0.330	0.368	0.362	0.364	0.368	0.362	0.349	8.74	
54) P	2,4-Dinitrophenol	0.124	0.174	0.186	0.187	0.194	0.208	0.179		16.32	
55)	Dibenzofuran	1.779	1.832	1.880	1.765	1.763	1.738	1.654	1.773	4.02	
56) P	4-Nitrophenol	0.290	0.331	0.316	0.314	0.324	0.317	0.315		4.47	
57)	2,4-Dinitrotol...	0.362	0.407	0.469	0.467	0.464	0.465	0.459	0.442	9.40	
58)	Fluorene	1.447	1.490	1.500	1.380	1.374	1.351	1.267	1.401	5.94	
59)	2,3,4,6-Tetrac...	0.361	0.391	0.409	0.400	0.397	0.396	0.394	0.393	3.80	
60)	Diethylphthalate	1.493	1.507	1.592	1.522	1.493	1.462	1.465	1.505	2.92	
61)	4-Chlorophenyl...	0.718	0.717	0.741	0.693	0.691	0.673	0.648	0.697	4.47	
62)	4-Nitroaniline	0.313	0.359	0.394	0.365	0.368	0.376	0.358	0.362	6.90	
63)	Azobenzene	1.200	1.276	1.346	1.290	1.279	1.252	1.240	1.269	3.58	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.099	0.123	0.134	0.132	0.134	0.141	0.127		11.84	
66) c	n-Nitrosodiphe...	0.598	0.640	0.641	0.624	0.610	0.609	0.610	0.619	2.70	
67)	4-Bromophenyl-...	0.208	0.219	0.223	0.229	0.221	0.221	0.229	0.221	3.29	
68)	Hexachlorobenzene	0.243	0.260	0.260	0.265	0.255	0.254	0.263	0.257	2.91	
69)	Atrazine	0.217	0.232	0.247	0.238	0.233	0.229	0.237	0.233	3.94	
70) C	Pentachlorophenol	0.170	0.179	0.183	0.179	0.180	0.187	0.180		3.30	
71)	Phenanthrene	1.128	1.179	1.179	1.122	1.102	1.089	1.087	1.127	3.43	
72)	Anthracene	1.122	1.194	1.198	1.171	1.122	1.134	1.102	1.149	3.33	
73)	Carbazole	1.083	1.178	1.151	1.105	1.045	1.050	1.030	1.091	5.15	
74)	Di-n-butylphth...	1.219	1.290	1.372	1.358	1.304	1.223	1.290	1.294	4.57	
75) C	Fluoranthene	1.383	1.464	1.452	1.369	1.308	1.319	1.287	1.369	5.09	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.727	0.733	0.616	0.631	0.594	0.508	0.635		13.43	
78)	Pyrene	1.266	1.318	1.375	1.331	1.309	1.302	1.277	1.311	2.75	
79) S	Terphenyl-d14	1.024	1.037	1.061	0.990	0.971	0.918	0.866	0.981	7.08	
80)	Butylbenzylpht...	0.546	0.552	0.612	0.603	0.588	0.555	0.587	0.578	4.60	
81)	Benzo(a)anthra...	1.373	1.401	1.437	1.376	1.349	1.350	1.328	1.374	2.65	
82)	3,3'-Dichlorob...	0.513	0.526	0.500	0.492	0.491	0.475	0.500		3.61	
83)	Chrysene	1.298	1.336	1.341	1.284	1.266	1.279	1.257	1.295	2.54	
84)	Bis(2-ethylhex...	0.842	0.825	0.918	0.933	0.876	0.814	0.911	0.874	5.48	
85) c	Di-n-octyl pht...	1.414	1.572	1.581	1.553	1.467	1.584	1.529		4.64	

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP111825.M

86) I	Perylene-d12	-----ISTD-----								
87)	Indeno(1,2,3-c...	1.442	1.484	1.538	1.511	1.483	1.531	1.511	1.500	2.21
88)	Benzo(b)fluora...	1.190	1.226	1.271	1.237	1.222	1.200	1.180	1.218	2.57
89)	Benzo(k)fluora...	1.206	1.228	1.275	1.213	1.213	1.192	1.189	1.217	2.38
90) C	Benzo(a)pyrene	1.121	1.153	1.198	1.168	1.147	1.146	1.142	1.154	2.10
91)	Dibenzo(a,h)an...	1.177	1.220	1.274	1.237	1.209	1.245	1.232	1.228	2.48
92)	Benzo(g,h,i)pe...	1.175	1.230	1.253	1.223	1.185	1.244	1.234	1.220	2.41

(#) = Out of Range

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026143.D
Acq On : 18 Nov 2025 14:31
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Nov 19 00:37:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration

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

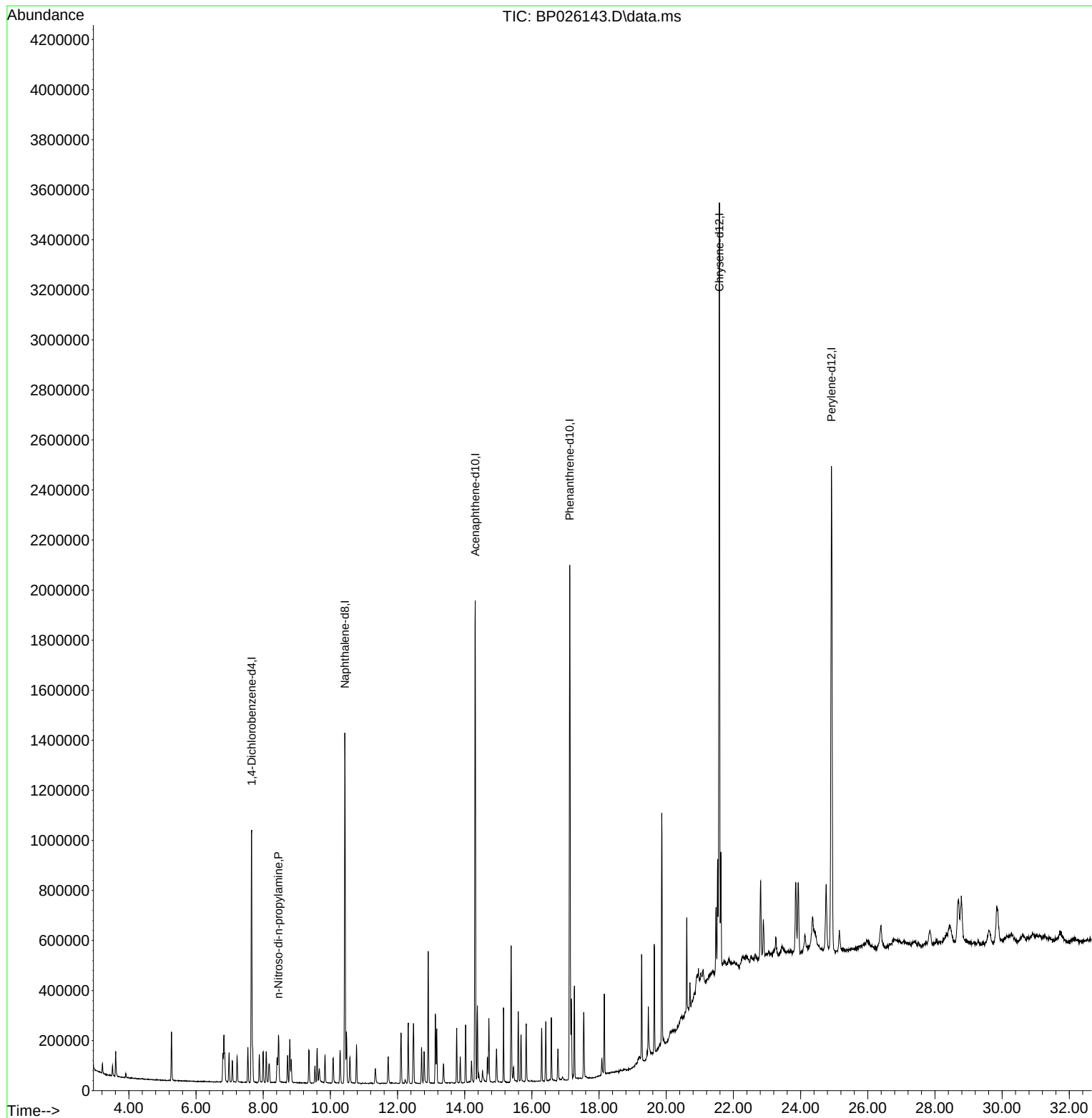
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.655	152	296435	20.000	ng	-0.02
21) Naphthalene-d8	10.431	136	1184362	20.000	ng	-0.02
39) Acenaphthene-d10	14.313	164	759057	20.000	ng	-0.01
64) Phenanthrene-d10	17.125	188	1539519	20.000	ng	0.00
76) Chrysene-d12	21.583	240	1732194	20.000	ng	0.01
86) Perylene-d12	24.918	264	1973418	20.000	ng	0.01
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...	8.449	70	34712	2.457	ng	96

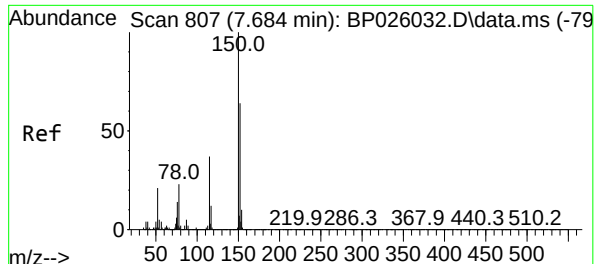
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026143.D
Acq On : 18 Nov 2025 14:31
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Nov 19 00:37:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.655 min Scan# 80

Delta R.T. -0.017 min

Lab File: BP026143.D

Acq: 18 Nov 2025 14:31

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5

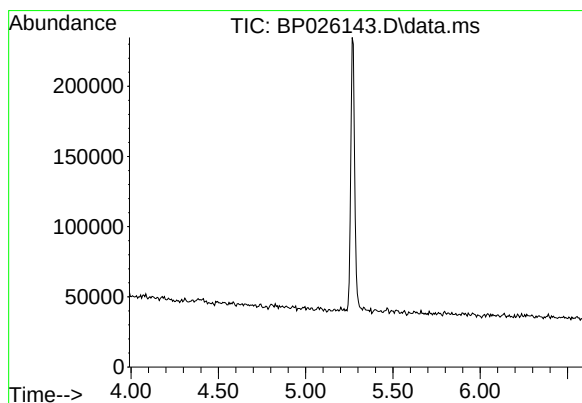
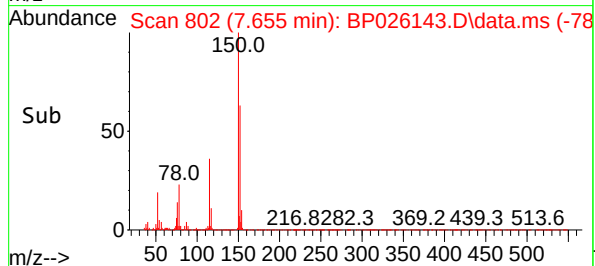
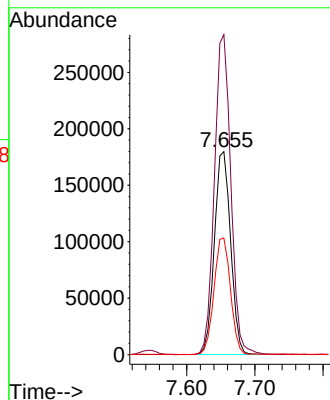
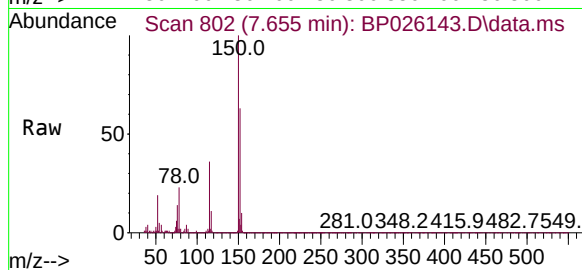
Tgt Ion:152 Resp: 296435

Ion Ratio Lower Upper

152 100

150 157.7 123.0 184.6

115 57.5 46.3 69.5



#5

2-Fluorophenol

Concen: 0.000 ng

Expected RT: 5.29 min

Lab File: BP026143.D

Acq: 18 Nov 2025 14:31

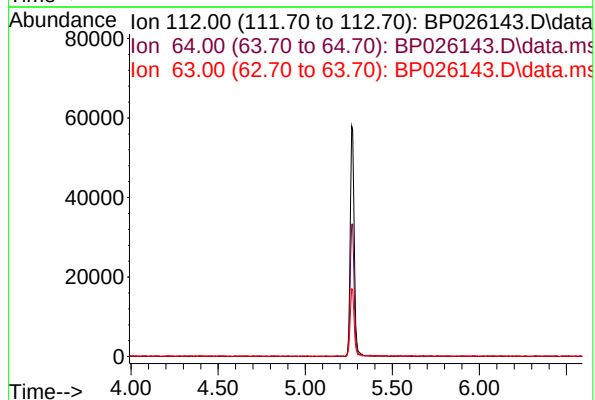
Tgt Ion: 112

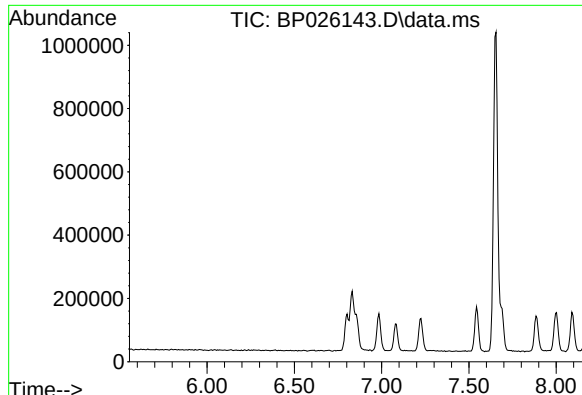
Sig Exp Ratio

112 100

64 57.2

63 29.4





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.85 min

Lab File: BP026143.D

Acq: 18 Nov 2025 14:31

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5

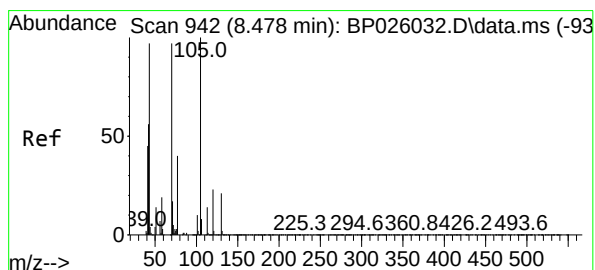
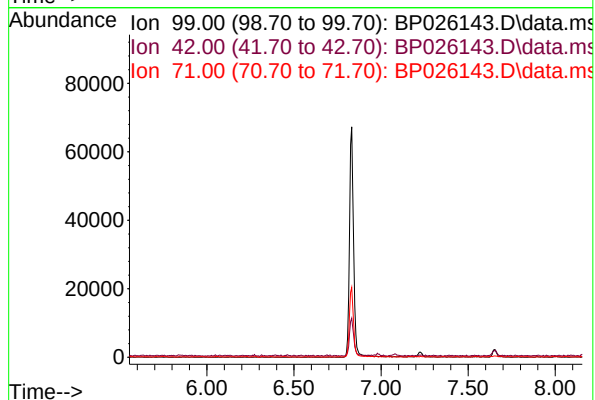
Tgt Ion: 99

Sig Exp Ratio

99 100

42 16.1

71 31.0



#19

n-Nitroso-di-n-propylamine

Concen: 2.457 ng

RT: 8.449 min Scan# 937

Delta R.T. -0.023 min

Lab File: BP026143.D

Acq: 18 Nov 2025 14:31

Tgt Ion: 70 Resp: 34712

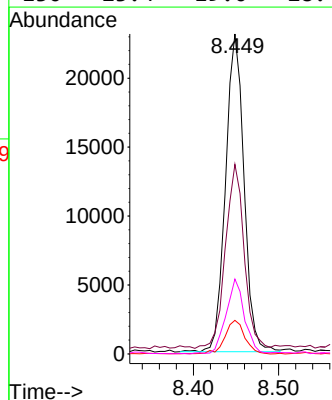
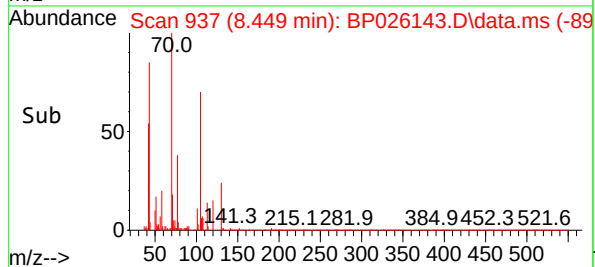
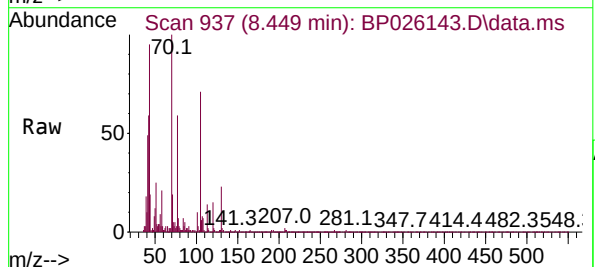
Ion Ratio Lower Upper

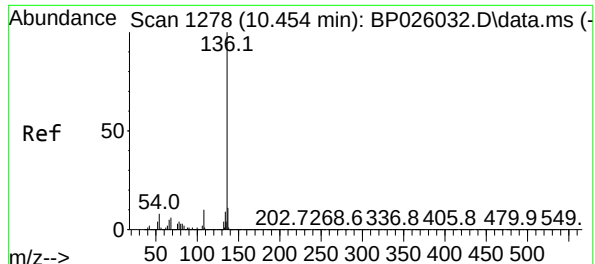
70 100

42 59.2 44.1 66.1

101 10.5 8.2 12.4

130 23.4 19.0 28.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.431 min Scan# 11

Delta R.T. -0.017 min

Lab File: BP026143.D

Acq: 18 Nov 2025 14:31

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5

Tgt Ion:136 Resp: 1184362

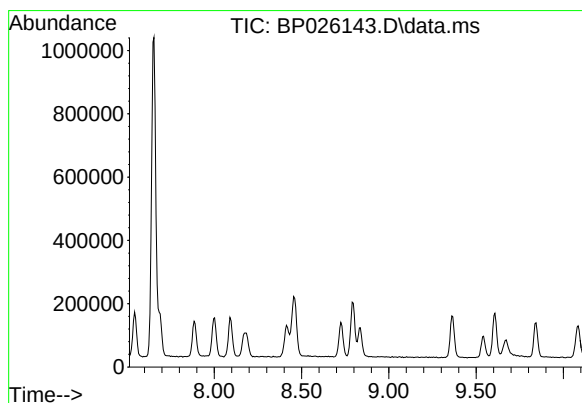
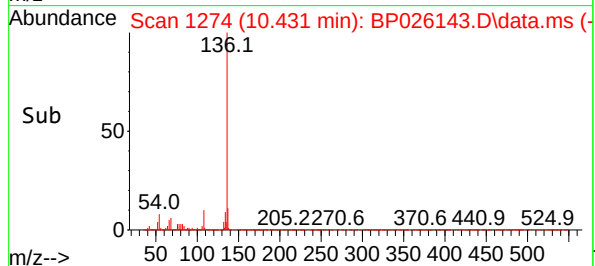
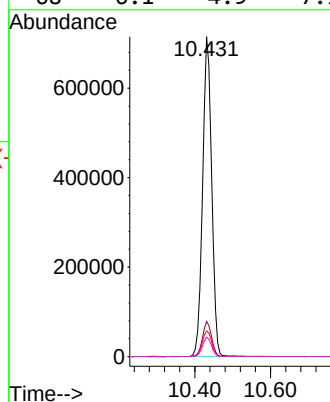
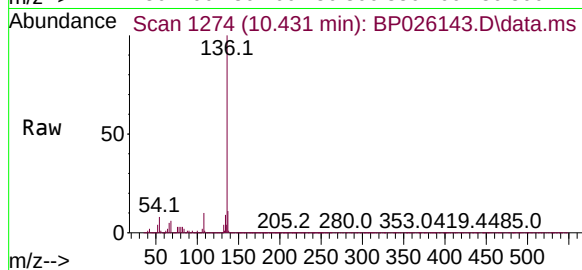
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 8.0 6.4 9.6

68 6.1 4.9 7.3



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 8.81 min

Lab File: BP026143.D

Acq: 18 Nov 2025 14:31

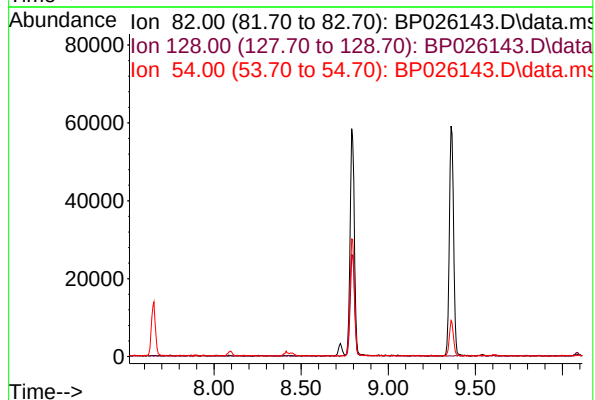
Tgt Ion: 82

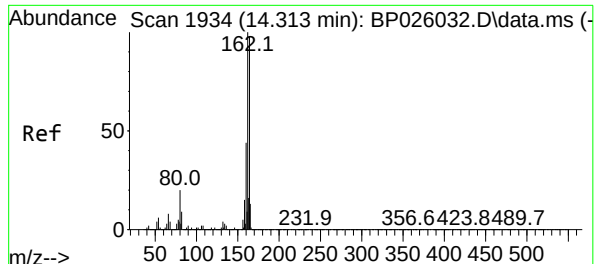
Sig Exp Ratio

82 100

128 46.7

54 52.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.313 min Scan# 1934

Delta R.T. -0.012 min

Lab File: BP026143.D

Acq: 18 Nov 2025 14:31

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5

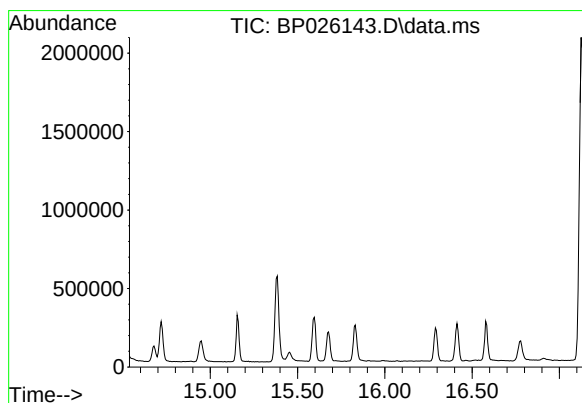
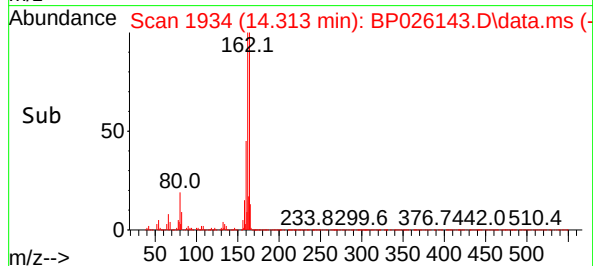
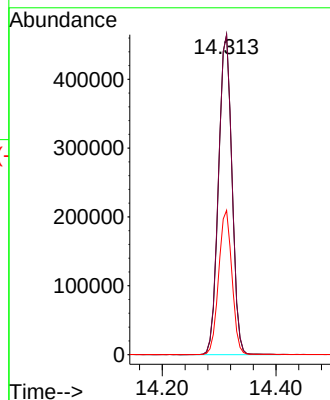
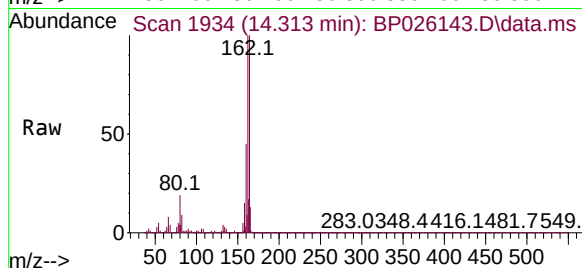
Tgt Ion:164 Resp: 759057

Ion Ratio Lower Upper

164 100

162 100.0 80.3 120.5

160 45.1 35.2 52.8



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 15.84 min

Lab File: BP026143.D

Acq: 18 Nov 2025 14:31

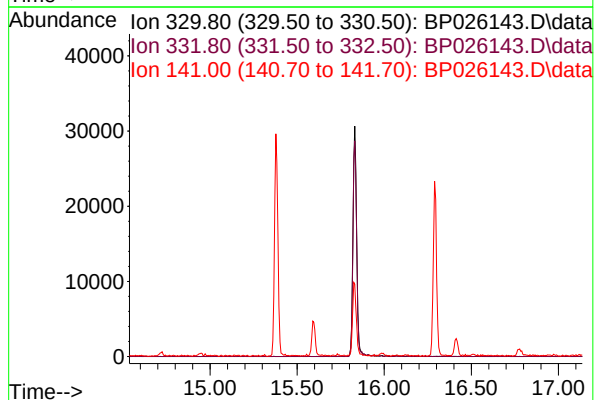
Tgt Ion: 330

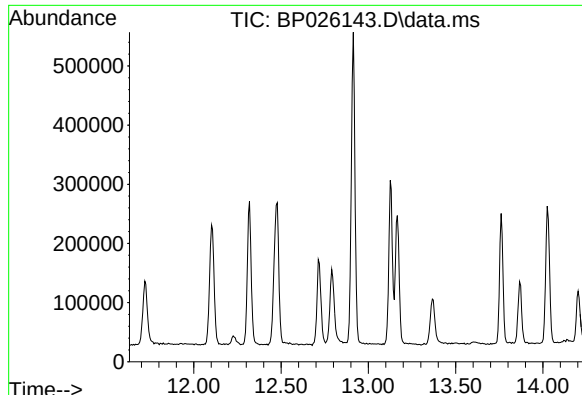
Sig Exp Ratio

330 100

332 97.5

141 33.5





#45

2-Fluorobiphenyl

Concen: 0.000 ng

Expected RT: 12.93 min

Lab File: BP026143.D

Acq: 18 Nov 2025 14:31

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5

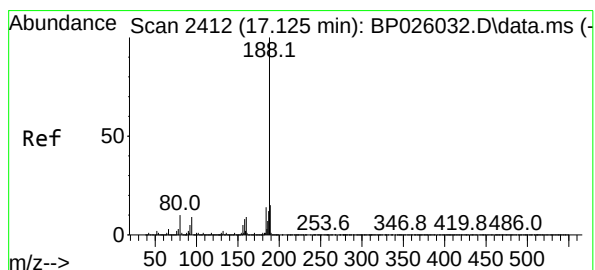
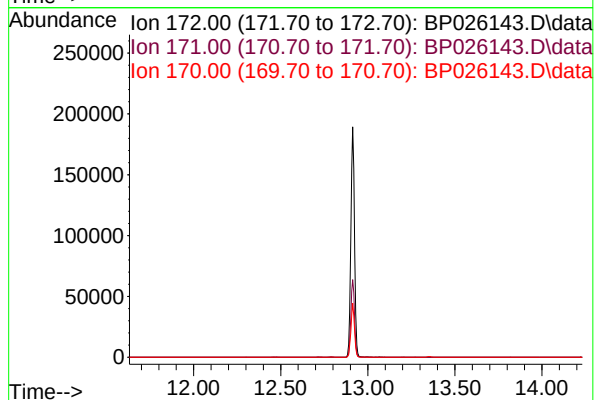
Tgt Ion: 172

Sig Exp Ratio

172 100

171 35.3

170 23.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.125 min Scan# 2412

Delta R.T. -0.006 min

Lab File: BP026143.D

Acq: 18 Nov 2025 14:31

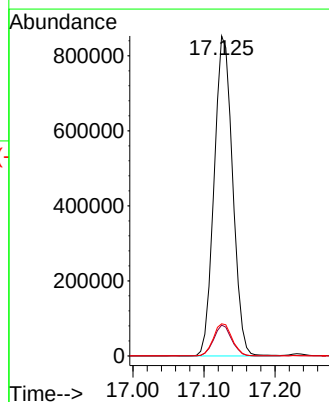
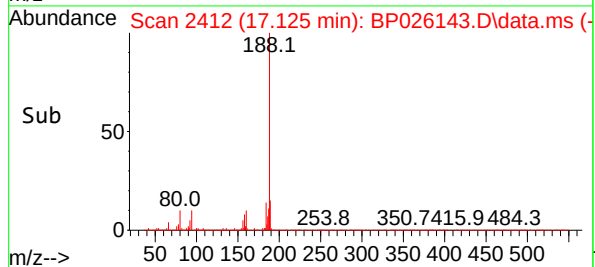
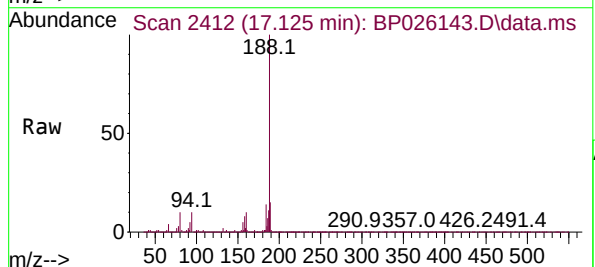
Tgt Ion:188 Resp: 1539519

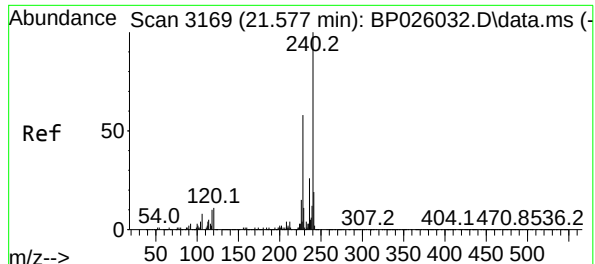
Ion Ratio Lower Upper

188 100

94 9.6 7.8 11.6

80 10.0 8.2 12.2

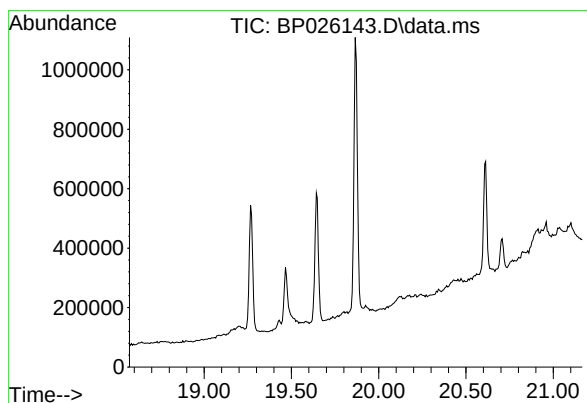
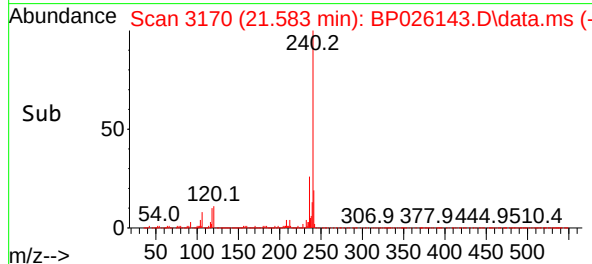
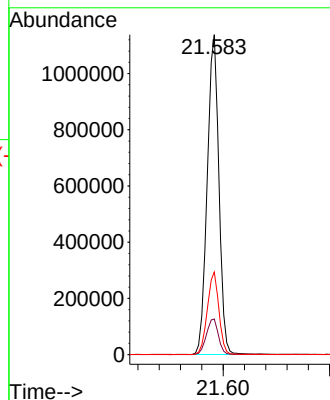
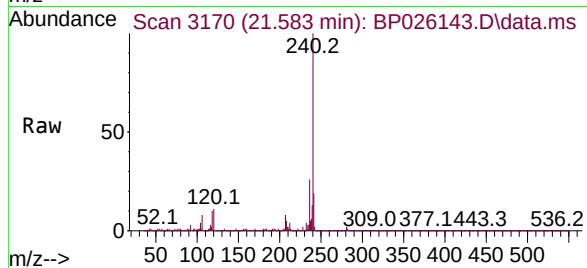




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP026143.D
Acq: 18 Nov 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

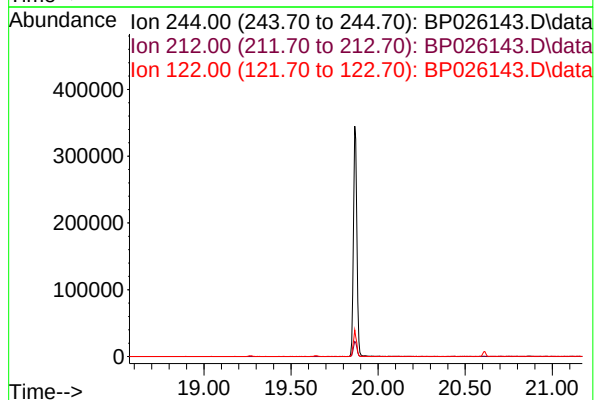
Tgt Ion: 240 Resp: 1732194
Ion Ratio Lower Upper
240 100
120 11.1 9.0 13.4
236 25.8 20.4 30.6

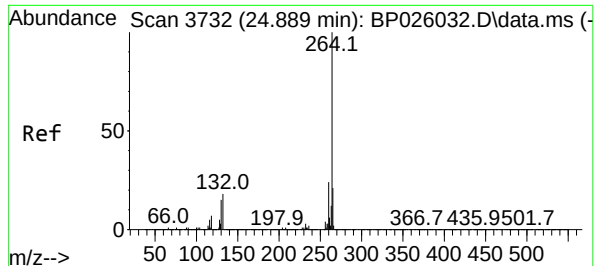


#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.87 min

Lab File: BP026143.D
Acq: 18 Nov 2025 14:31

Tgt Ion: 244
Sig Exp Ratio
244 100
212 7.3
122 10.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.918 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP026143.D

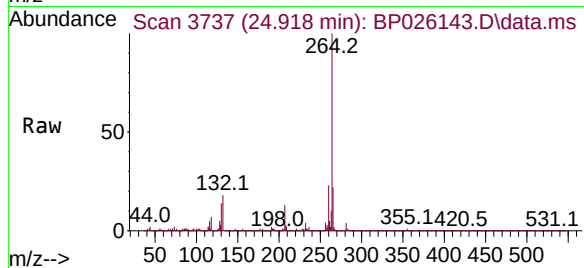
Acq: 18 Nov 2025 14:31

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5



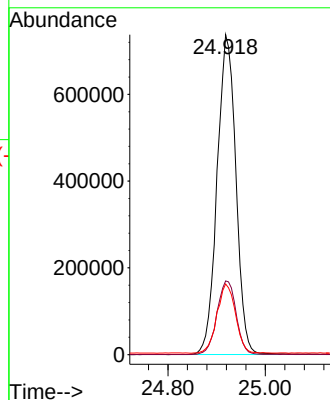
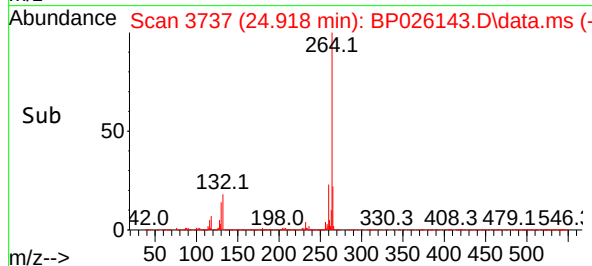
Tgt Ion:264 Resp: 1973418

Ion Ratio Lower Upper

264 100

260 23.0 18.7 28.1

265 22.1 17.5 26.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
 Data File : BP026144.D
 Acq On : 18 Nov 2025 15:12
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC005

Quant Time: Nov 19 00:38:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 00:37:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.672	152	261259	20.000	ng	0.00
21) Naphthalene-d8	10.437	136	1023584	20.000	ng	-0.01
39) Acenaphthene-d10	14.313	164	643620	20.000	ng	-0.01
64) Phenanthrene-d10	17.131	188	1346698	20.000	ng	0.00
76) Chrysene-d12	21.583	240	1560462	20.000	ng	0.01
86) Perylene-d12	24.918	264	1801943	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.290	112	155849	9.842	ng	0.00
7) Phenol-d6	6.849	99	191404	9.528	ng	0.00
23) Nitrobenzene-d5	8.807	82	171702	10.379	ng	0.00
42) 2,4,6-Tribromophenol	15.831	330	77590	11.005	ng	0.00
45) 2-Fluorobiphenyl	12.919	172	460038	10.313	ng	-0.01
79) Terphenyl-d14	19.872	244	798858	10.439	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.220	88	33093	4.981	ng	96
3) Pyridine	3.620	79	91499	4.844	ng	97
6) Aniline	7.002	93	127562	4.764	ng	98
8) 2-Chlorophenol	7.243	128	86099	4.908	ng	99
10) Phenol	6.872	94	102514	4.615	ng	96
11) bis(2-Chloroethyl)ether	7.096	93	81759	4.649	ng	99
12) 1,3-Dichlorobenzene	7.561	146	98674	4.925	ng	99
13) 1,4-Dichlorobenzene	7.708	146	97655	4.815	ng	99
14) 1,2-Dichlorobenzene	8.019	146	94897	4.899	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.190	45	115566	4.387	ng	95
17) 2-Methylphenol	8.108	107	69679	4.771	ng	97
18) Hexachloroethane	8.743	117	34390	4.908	ng	97
19) n-Nitroso-di-n-propyla...	8.466	70	58743	4.718	ng	99
22) Acetophenone	8.478	105	127156	4.927	ng	# 99
24) Nitrobenzene	8.849	77	86731	5.006	ng	99
25) Isophorone	9.378	82	167606	4.787	ng	99
26) 2-Nitrophenol	9.555	139	38871	6.573	ng	98
27) 2,4-Dimethylphenol	9.625	122	78015	5.220	ng	98
28) bis(2-Chloroethoxy)met...	9.849	93	108845	4.925	ng	99
29) 2,4-Dichlorophenol	10.090	162	76304	4.893	ng	97
30) 1,2,4-Trichlorobenzene	10.302	180	84591	5.002	ng	94
31) Naphthalene	10.484	128	276491	4.976	ng	99
33) 4-Chloroaniline	10.590	127	109680	5.080	ng	100
34) Hexachlorobutadiene	10.784	225	54446	5.030	ng	99
36) 4-Chloro-3-methylphenol	11.731	107	80314	4.924	ng	96
37) 2-Methylnaphthalene	12.107	142	187351	4.822	ng	98
38) 1-Methylnaphthalene	12.337	142	187981	4.977	ng	99
40) 1,2,4,5-Tetrachloroben...	12.478	216	97644	4.903	ng	99
43) 2,4,6-Trichlorophenol	12.725	196	61137	5.131	ng	98
44) 2,4,5-Trichlorophenol	12.796	196	68937	5.093	ng	97
46) 1,1'-Biphenyl	13.131	154	241240	4.917	ng	97
47) 2-Chloronaphthalene	13.166	162	187850	4.870	ng	99
48) 2-Nitroaniline	13.378	65	46485	5.239	ng	90
49) Acenaphthylene	14.031	152	304102	5.334	ng	99
50) Dimethylphthalate	13.766	163	236591	5.077	ng	100
51) 2,6-Dinitrotoluene	13.872	165	37885	4.835	ng	91

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
 Data File : BP026144.D
 Acq On : 18 Nov 2025 15:12
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC005

Quant Time: Nov 19 00:38:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 00:37:08 2025
 Response via : Initial Calibration

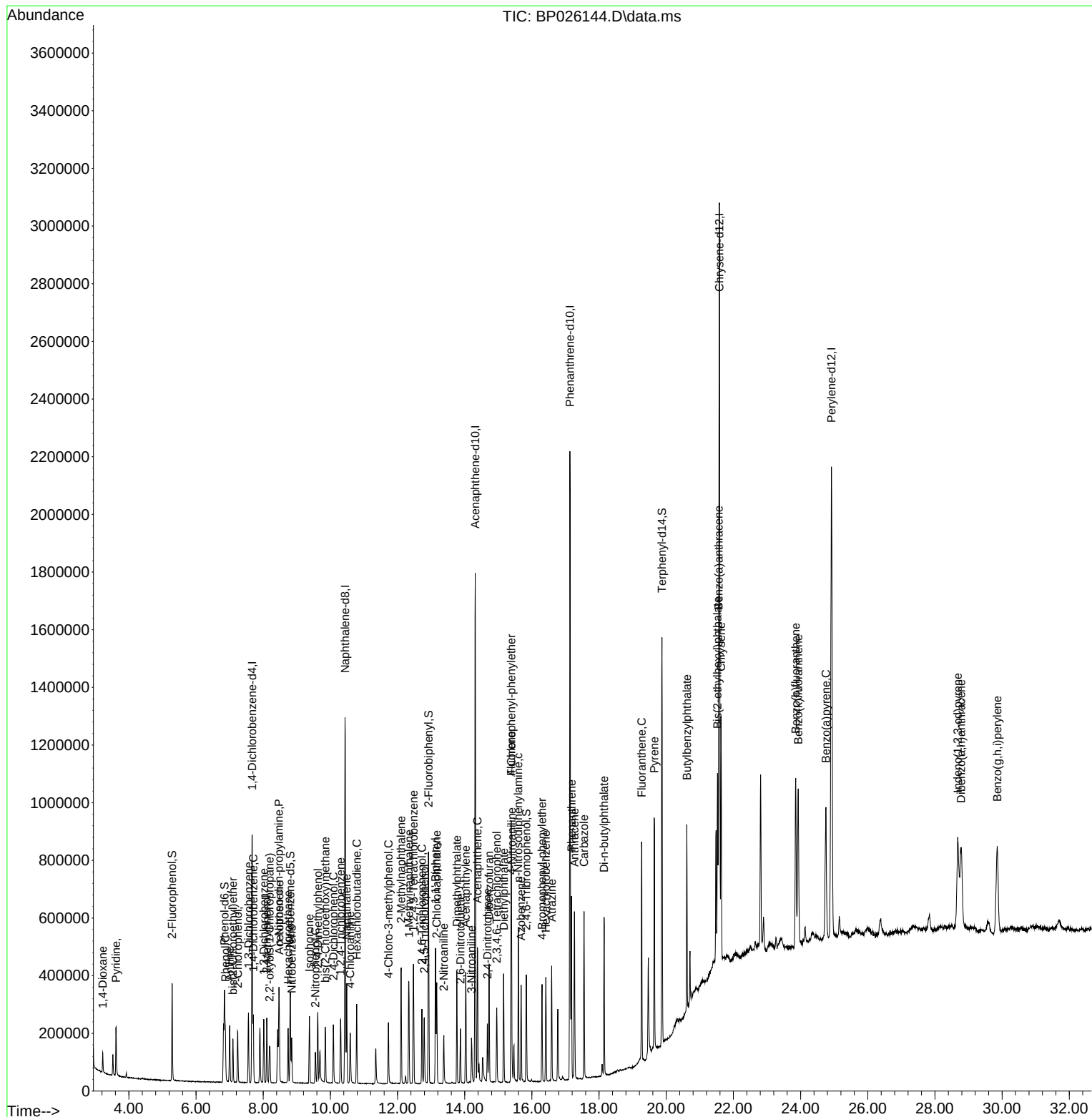
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.378	154	183221	4.803	ng	98
53) 3-Nitroaniline	14.201	138	46080	4.861	ng #	97
55) Dibenzofuran	14.725	168	286273	4.928	ng	99
57) 2,4-Dinitrotoluene	14.678	165	58186	5.089	ng	97
58) Fluorene	15.384	166	232855	5.102	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.954	232	58158	5.425	ng	99
60) Diethylphthalate	15.160	149	240172	5.123	ng	100
61) 4-Chlorophenyl-phenyle...	15.384	204	115474	5.076	ng	97
62) 4-Nitroaniline	15.395	138	50292	5.003	ng	97
63) Azobenzene	15.678	77	193050	4.580	ng	99
66) n-Nitrosodiphenylamine	15.595	169	201167	4.795	ng	99
67) 4-Bromophenyl-phenylether	16.301	248	69962	4.680	ng	98
68) Hexachlorobenzene	16.413	284	81728	4.805	ng	97
69) Atrazine	16.589	200	73147	5.086	ng	99
71) Phenanthrene	17.178	178	379854	4.882	ng	100
72) Anthracene	17.266	178	377623	4.865	ng	99
73) Carbazole	17.554	167	364556	4.990	ng	100
74) Di-n-butylphthalate	18.148	149	410422	4.968	ng	100
75) Fluoranthene	19.266	202	465623	5.107	ng	100
78) Pyrene	19.642	202	493981	4.740	ng	100
80) Butylbenzylphthalate	20.613	149	212828	6.092	ng	100
81) Benzo(a)anthracene	21.560	228	535793	5.028	ng	99
83) Chrysene	21.630	228	506265	5.012	ng	99
84) Bis(2-ethylhexyl)phtha...	21.524	149	328471	5.749	ng	99
87) Indeno(1,2,3-cd)pyrene	28.677	276	649473	4.913	ng	99
88) Benzo(b)fluoranthene	23.854	252	535938	4.848	ng	100
89) Benzo(k)fluoranthene	23.930	252	543312	4.807	ng	99
90) Benzo(a)pyrene	24.754	252	504836	4.939	ng	99
91) Dibenzo(a,h)anthracene	28.777	278	530340	4.920	ng	99
92) Benzo(g,h,i)perylene	29.853	276	529220	5.083	ng	99

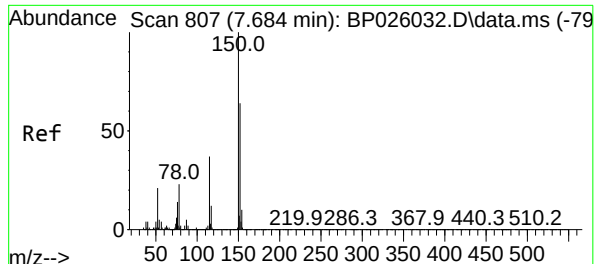
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
 Data File : BP026144.D
 Acq On : 18 Nov 2025 15:12
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC005

Quant Time: Nov 19 00:38:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 00:37:08 2025
 Response via : Initial Calibration

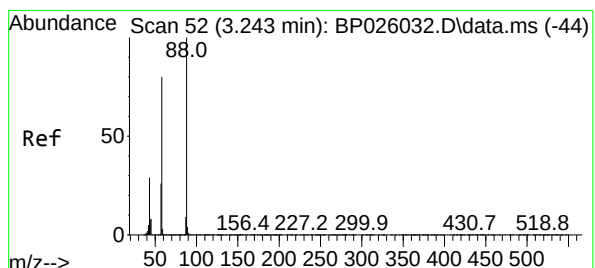
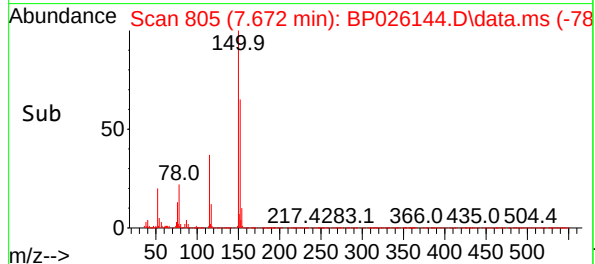
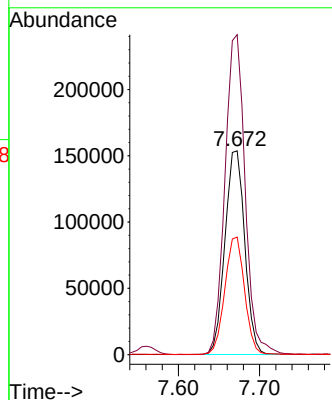
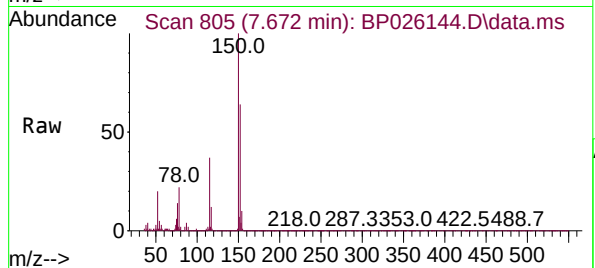




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.672 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

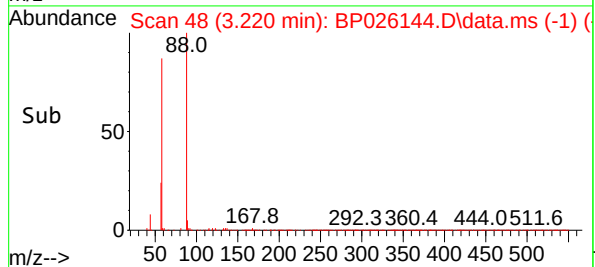
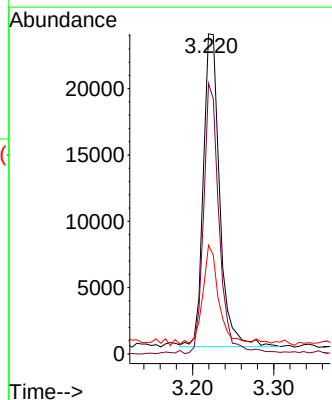
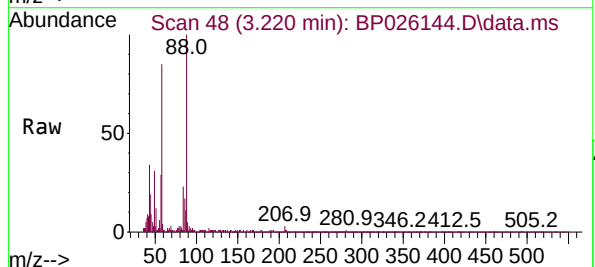
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

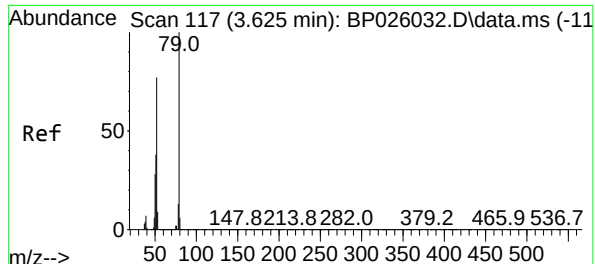
Tgt Ion:152 Resp: 261259
Ion Ratio Lower Upper
152 100
150 157.0 123.0 184.6
115 57.7 46.3 69.5



#2
1,4-Dioxane
Concen: 4.981 ng
RT: 3.220 min Scan# 48
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion: 88 Resp: 33093
Ion Ratio Lower Upper
88 100
58 82.3 64.2 96.4
43 30.9 21.5 32.3





#3

Pyridine

Concen: 4.844 ng

RT: 3.620 min Scan# 11

Delta R.T. 0.006 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

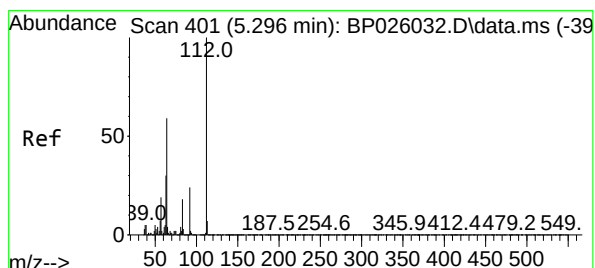
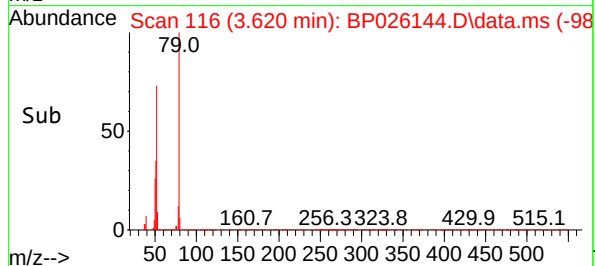
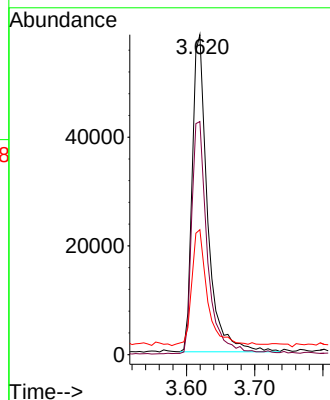
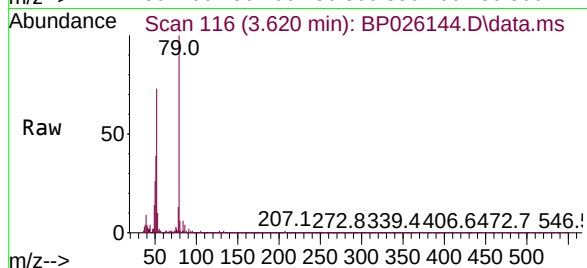
Tgt Ion: 79 Resp: 91499

Ion Ratio Lower Upper

79 100

52 72.8 60.2 90.2

51 39.0 29.5 44.3



#5

2-Fluorophenol

Concen: 9.842 ng

RT: 5.290 min Scan# 400

Delta R.T. 0.000 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

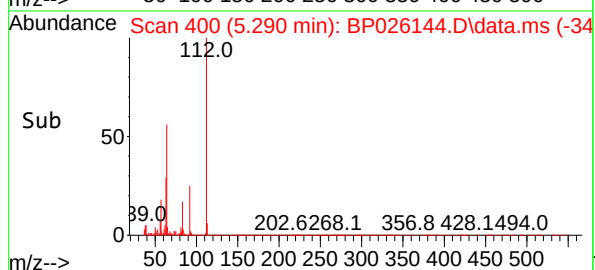
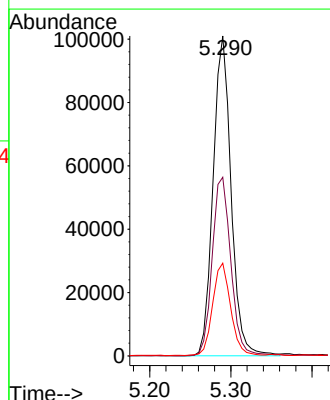
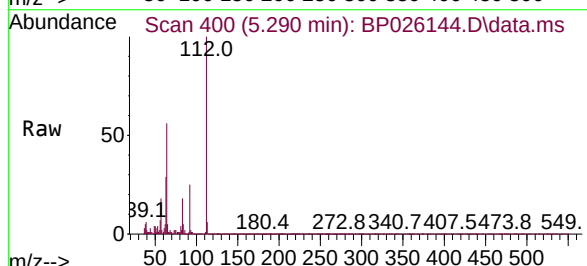
Tgt Ion: 112 Resp: 155849

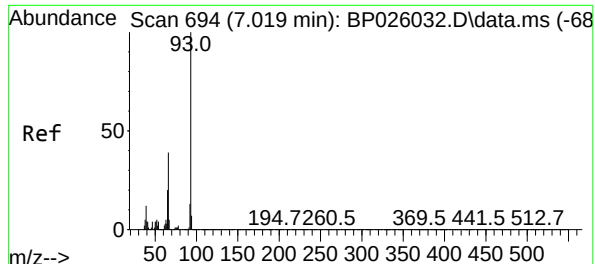
Ion Ratio Lower Upper

112 100

64 55.8 45.8 68.6

63 29.0 23.5 35.3

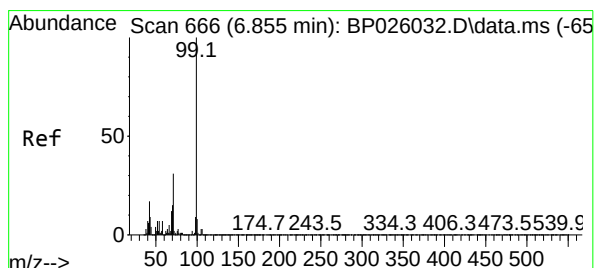
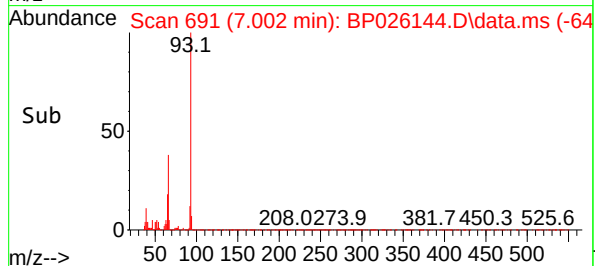
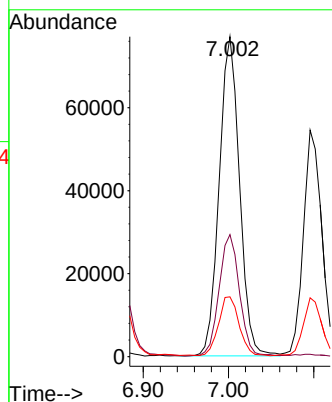
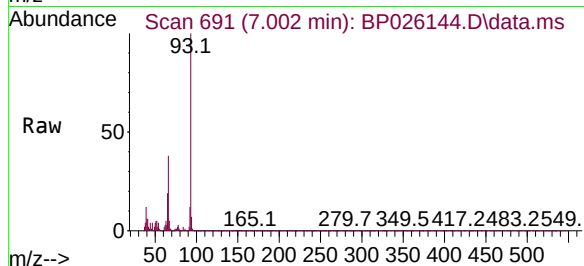




#6
Aniline
Concen: 4.764 ng
RT: 7.002 min Scan# 691
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

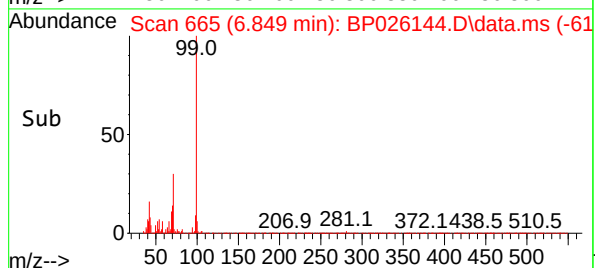
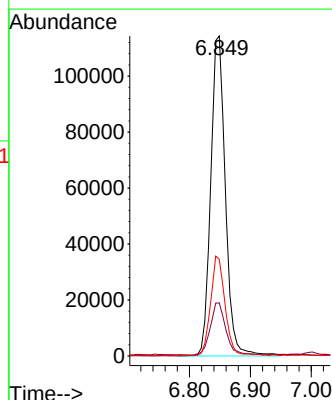
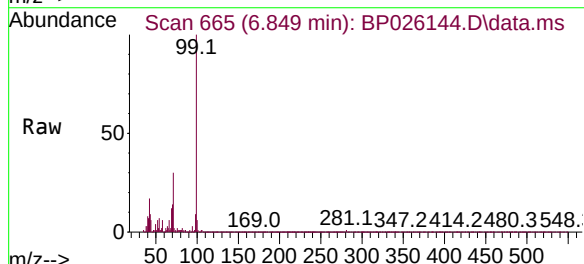
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

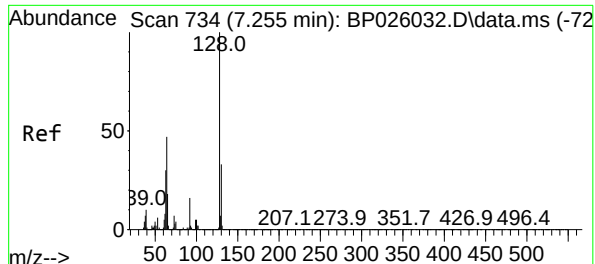
Tgt Ion: 93 Resp: 127562
Ion Ratio Lower Upper
93 100
66 38.1 31.7 47.5
65 18.7 15.8 23.6



#7
Phenol-d6
Concen: 9.528 ng
RT: 6.849 min Scan# 665
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion: 99 Resp: 191404
Ion Ratio Lower Upper
99 100
42 16.6 12.9 19.3
71 30.2 24.8 37.2

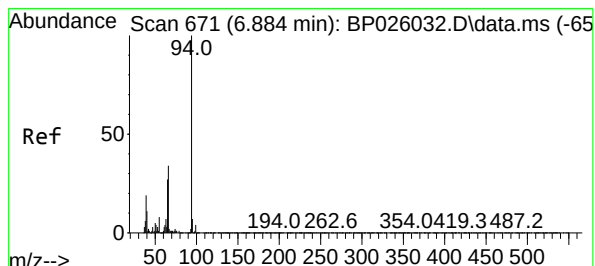
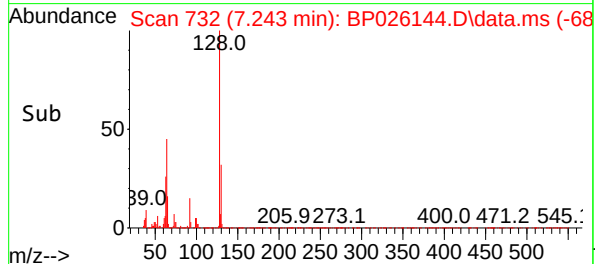
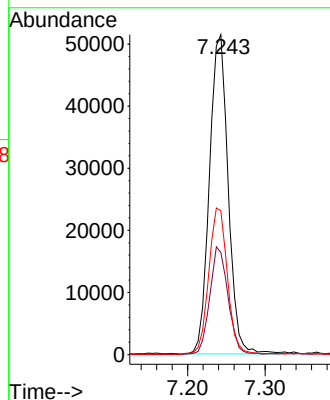
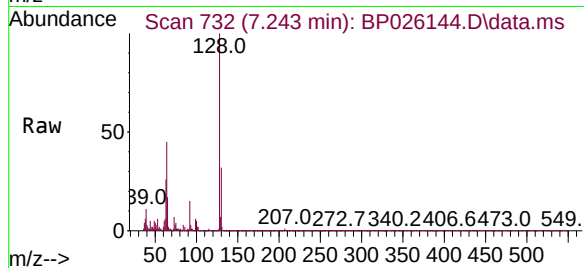




#8
2-Chlorophenol
Concen: 4.908 ng
RT: 7.243 min Scan# 734
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

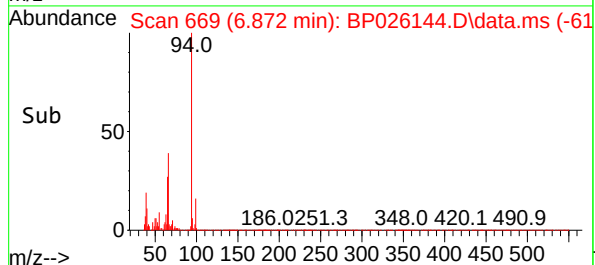
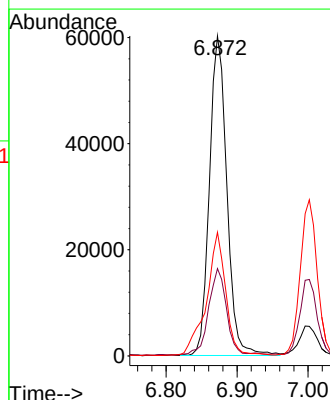
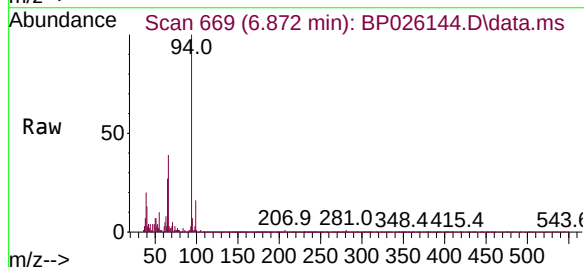
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

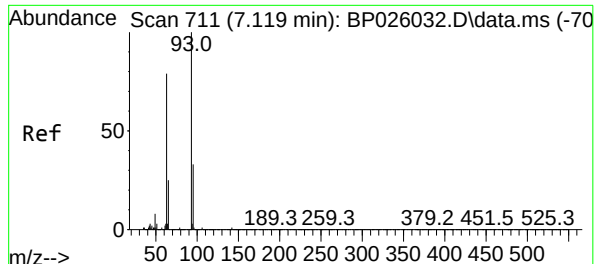
Tgt Ion:128 Resp: 86099
Ion Ratio Lower Upper
128 100
130 31.9 12.4 52.4
64 44.9 23.9 63.9



#10
Phenol
Concen: 4.615 ng
RT: 6.872 min Scan# 669
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion: 94 Resp: 102514
Ion Ratio Lower Upper
94 100
65 27.3 7.0 47.0
66 38.6 14.5 54.5





#11

bis(2-Chloroethyl)ether

Concen: 4.649 ng

RT: 7.096 min Scan# 70

Delta R.T. 0.000 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

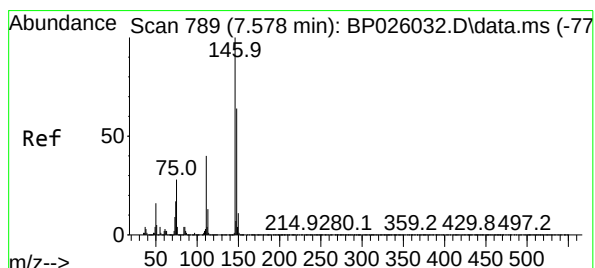
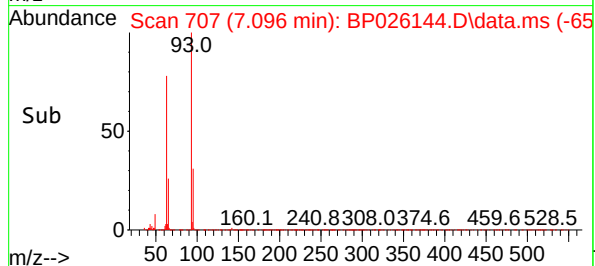
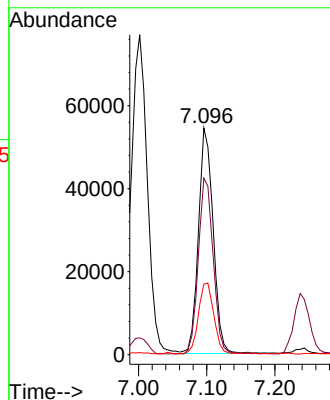
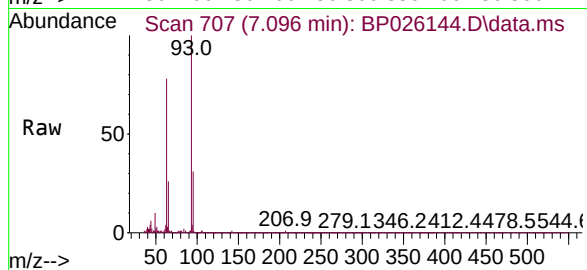
Tgt Ion: 93 Resp: 81759

Ion Ratio Lower Upper

93 100

63 77.9 58.8 98.8

95 31.1 12.1 52.1



#12

1,3-Dichlorobenzene

Concen: 4.925 ng

RT: 7.561 min Scan# 786

Delta R.T. -0.006 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

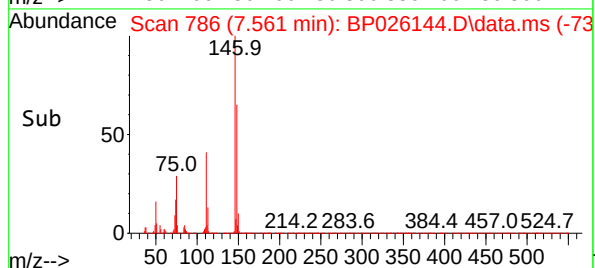
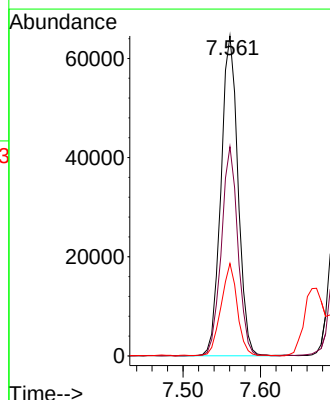
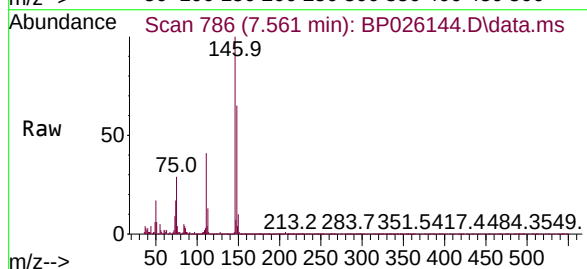
Tgt Ion: 146 Resp: 98674

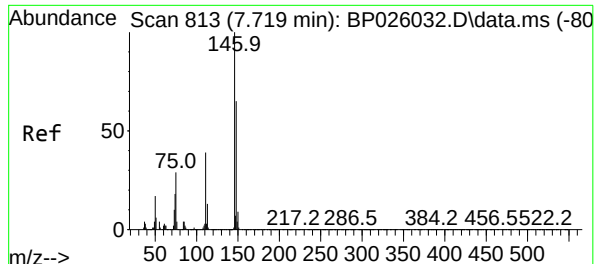
Ion Ratio Lower Upper

146 100

148 65.4 51.8 77.8

75 28.9 22.2 33.2





#13

1,4-Dichlorobenzene

Concen: 4.815 ng

RT: 7.708 min Scan# 81

Delta R.T. 0.006 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

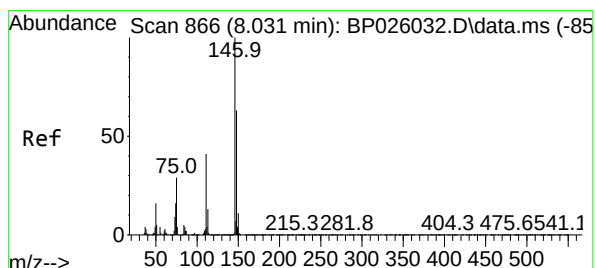
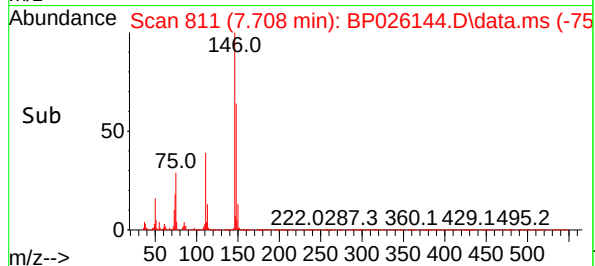
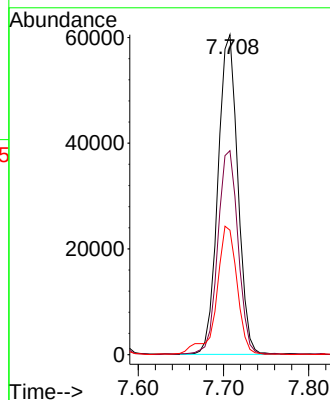
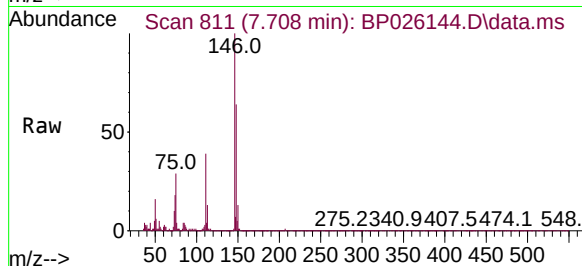
Tgt Ion:146 Resp: 97655

Ion Ratio Lower Upper

146 100

148 63.7 51.4 77.2

111 38.9 31.7 47.5



#14

1,2-Dichlorobenzene

Concen: 4.899 ng

RT: 8.019 min Scan# 864

Delta R.T. 0.006 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

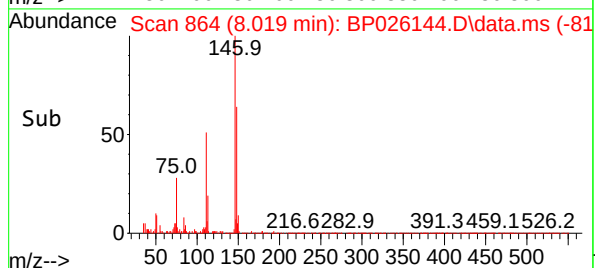
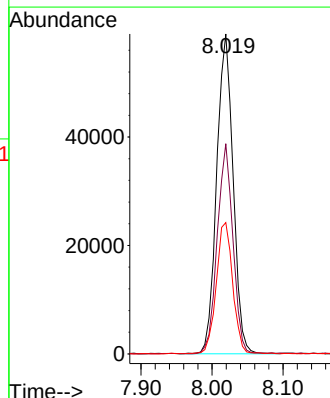
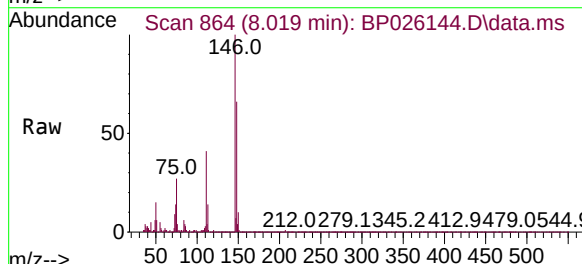
Tgt Ion:146 Resp: 94897

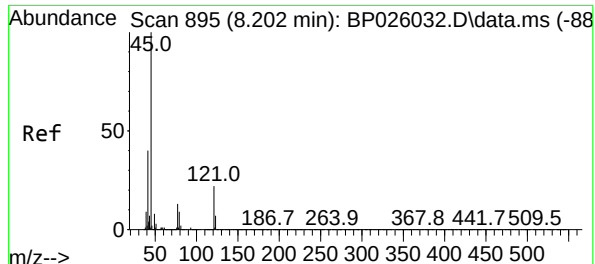
Ion Ratio Lower Upper

146 100

148 65.7 51.0 76.6

111 41.0 33.0 49.4

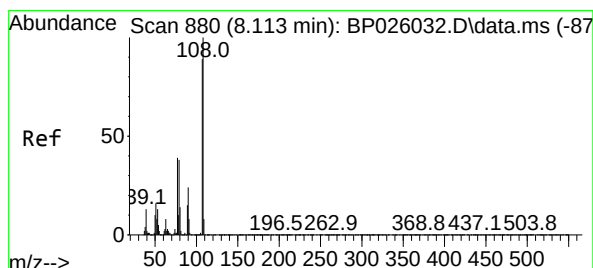
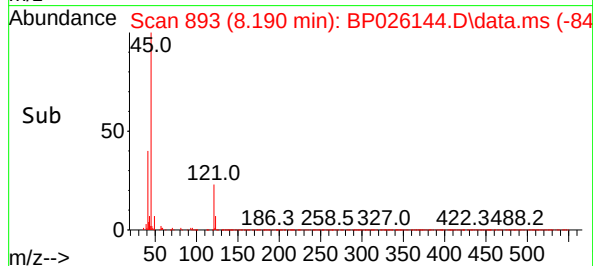
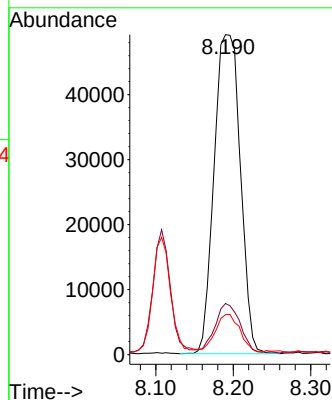
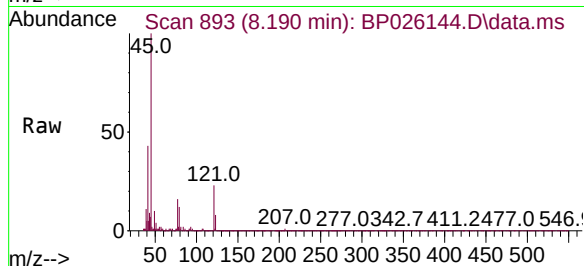




#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.387 ng
RT: 8.190 min Scan# 895
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

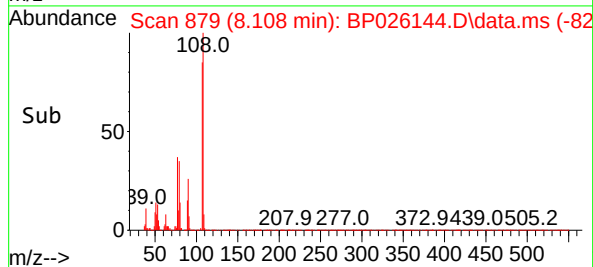
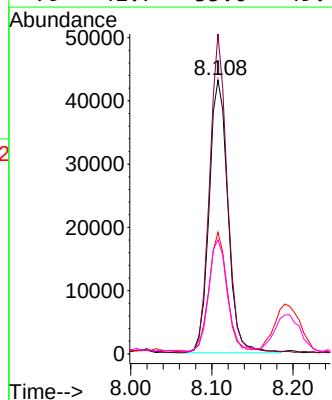
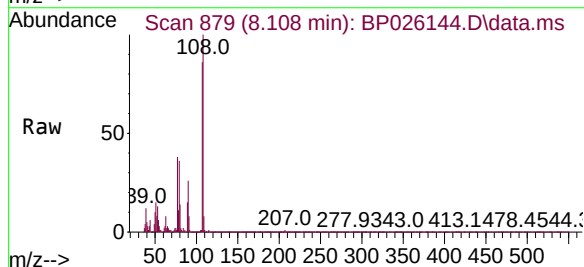
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

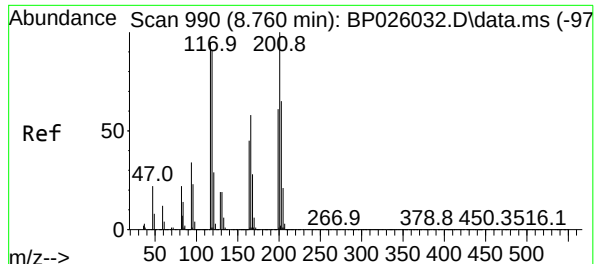
Tgt Ion: 45 Resp: 115566
Ion Ratio Lower Upper
45 100
77 16.0 0.0 33.9
79 12.5 0.0 30.4



#17
2-Methylphenol
Concen: 4.771 ng
RT: 8.108 min Scan# 879
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion: 107 Resp: 69679
Ion Ratio Lower Upper
107 100
108 116.9 89.7 134.5
77 44.4 33.9 50.9
79 41.7 33.0 49.4

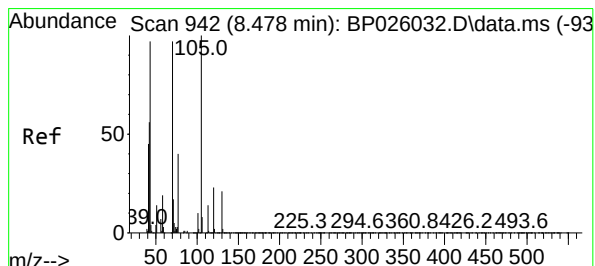
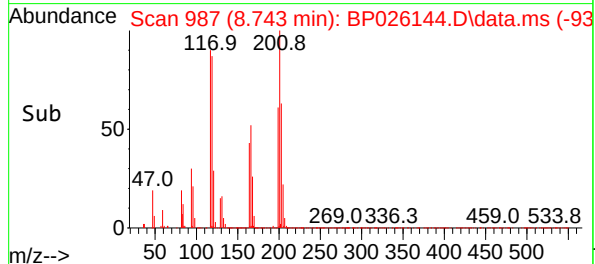
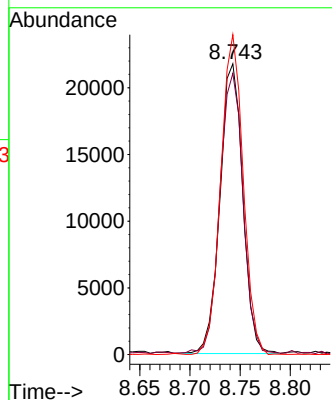
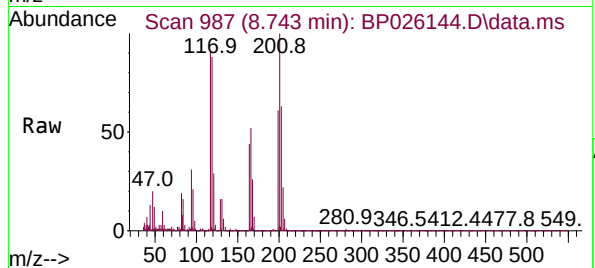




#18
Hexachloroethane
Concen: 4.908 ng
RT: 8.743 min Scan# 987
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

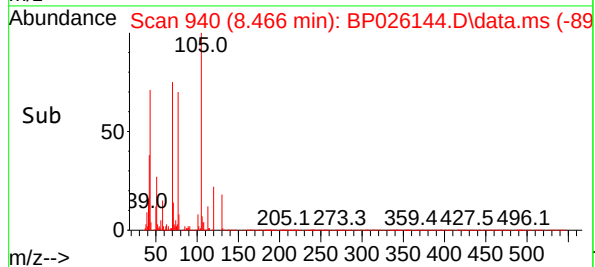
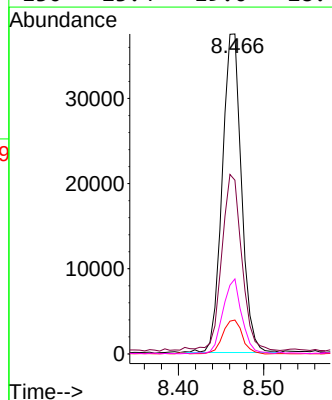
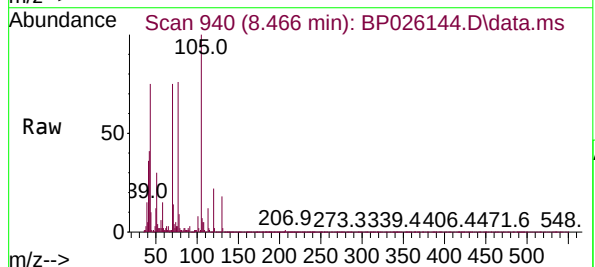
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

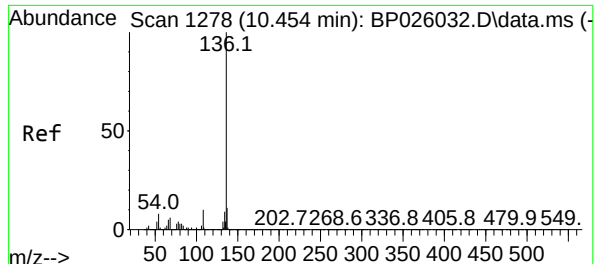
Tgt Ion:117 Resp: 34390
Ion Ratio Lower Upper
117 100
119 96.7 78.7 118.1
201 110.0 85.1 127.7



#19
n-Nitroso-di-n-propylamine
Concen: 4.718 ng
RT: 8.466 min Scan# 940
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion: 70 Resp: 58743
Ion Ratio Lower Upper
70 100
42 54.3 44.1 66.1
101 10.6 8.2 12.4
130 23.4 19.0 28.4

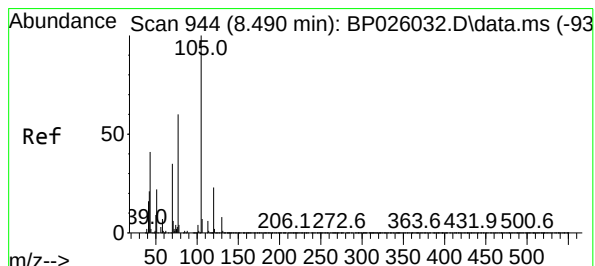
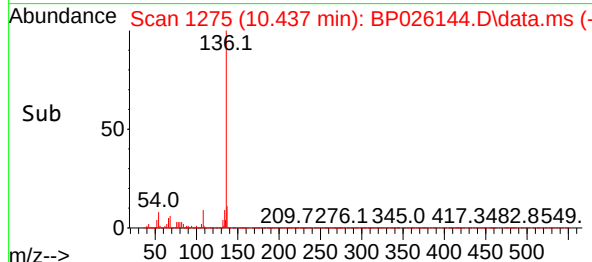
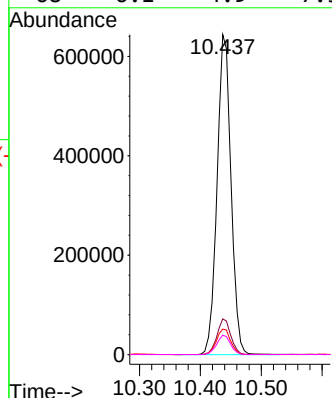
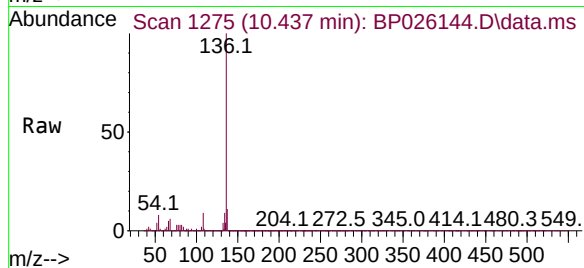




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.437 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

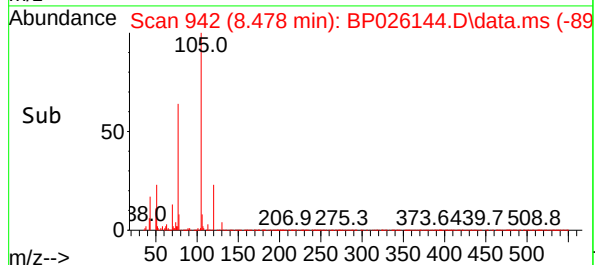
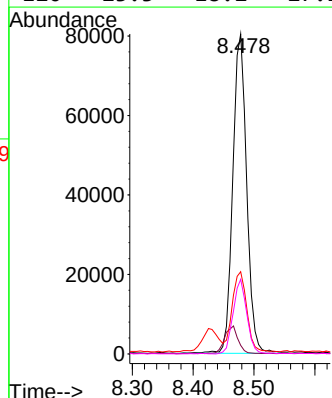
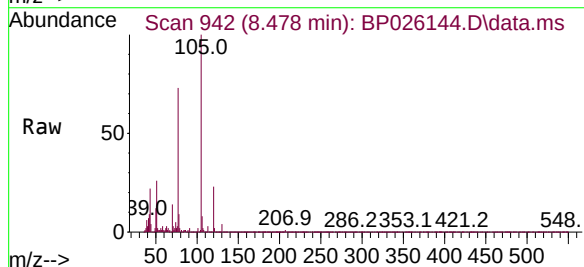
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

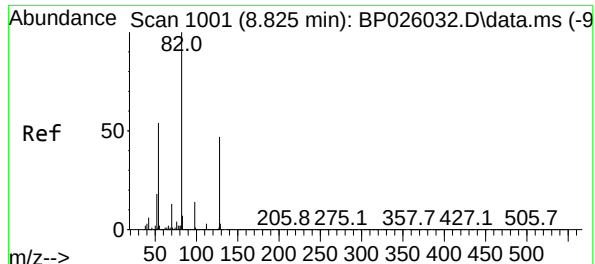
Tgt Ion:136 Resp: 1023584
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 8.0 6.4 9.6
68 6.1 4.9 7.3



#22
Acetophenone
Concen: 4.927 ng
RT: 8.478 min Scan# 942
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:105 Resp: 127156
Ion Ratio Lower Upper
105 100
71 2.7 3.0 4.4#
51 25.7 20.5 30.7
120 23.3 18.2 27.2





#23

Nitrobenzene-d5

Concen: 10.379 ng

RT: 8.807 min Scan# 99

Delta R.T. -0.006 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

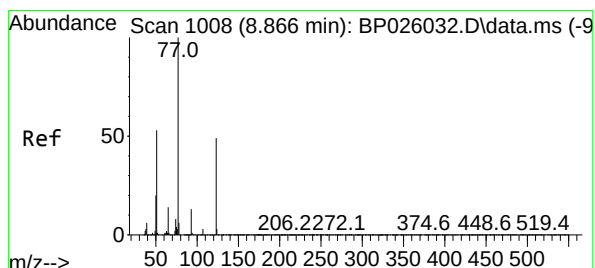
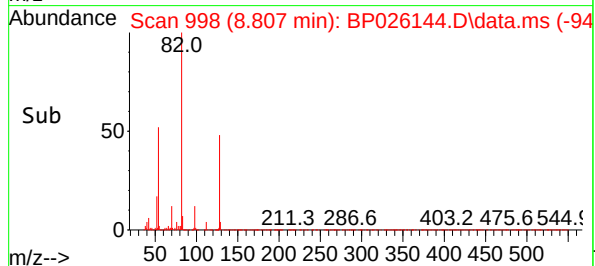
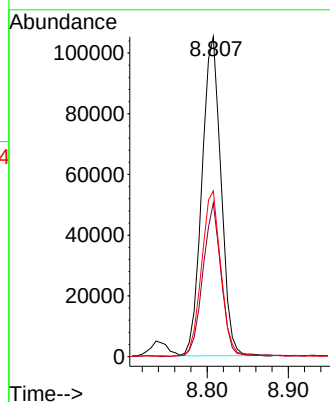
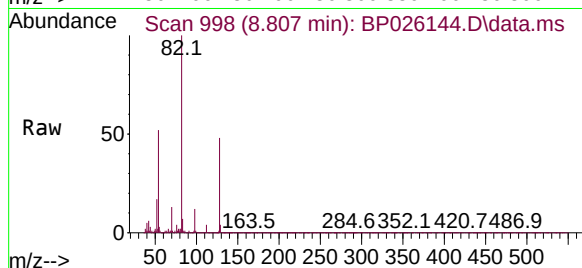
Tgt Ion: 82 Resp: 171702

Ion Ratio Lower Upper

82 100

128 48.0 37.4 56.0

54 51.8 41.6 62.4



#24

Nitrobenzene

Concen: 5.006 ng

RT: 8.849 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

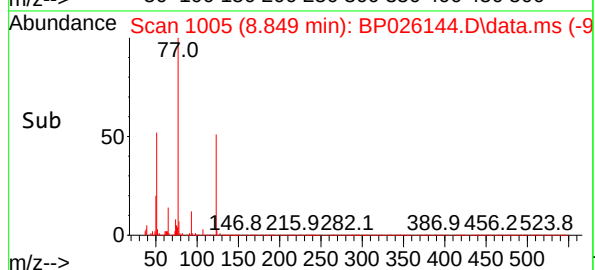
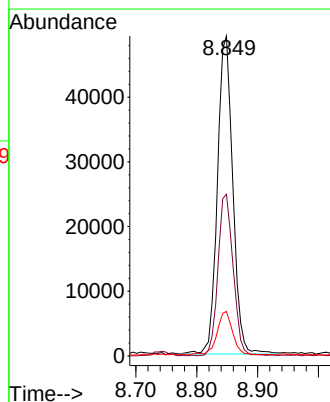
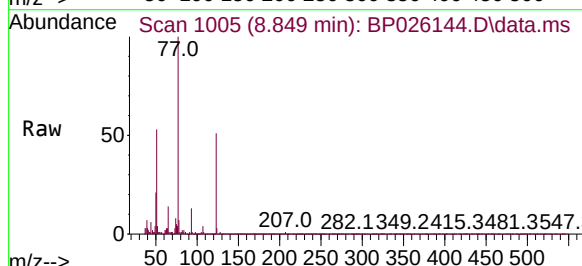
Tgt Ion: 77 Resp: 86731

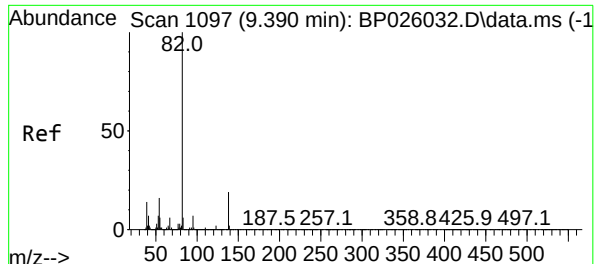
Ion Ratio Lower Upper

77 100

123 50.5 39.8 59.8

65 13.9 11.2 16.8

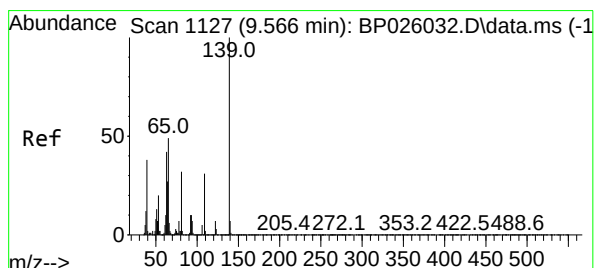
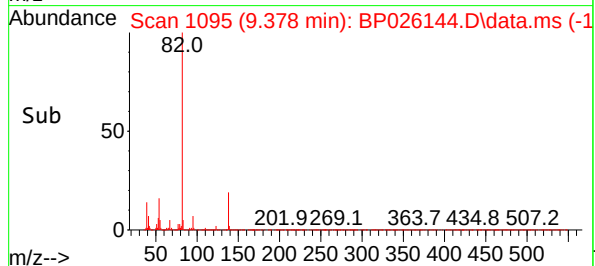
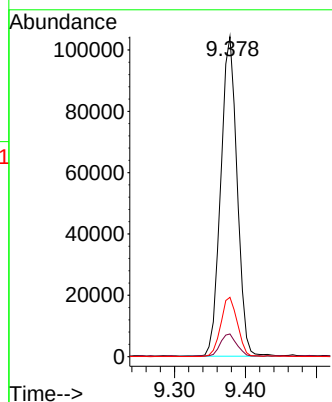
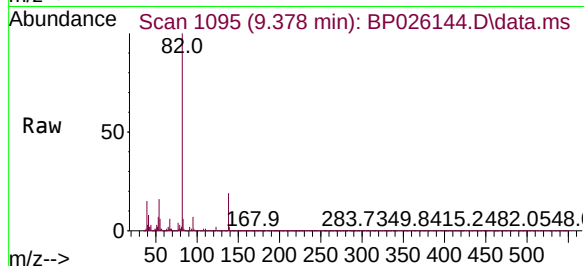




#25
Isophorone
Concen: 4.787 ng
RT: 9.378 min Scan# 1095
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

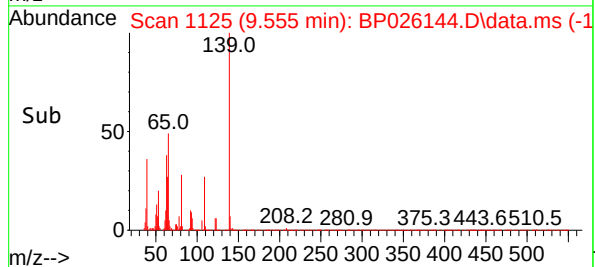
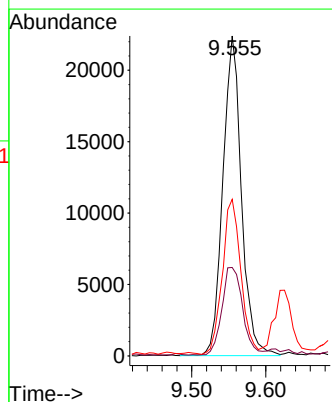
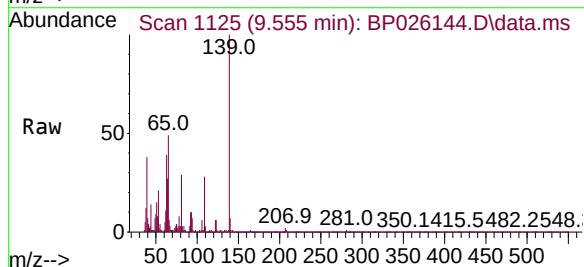
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

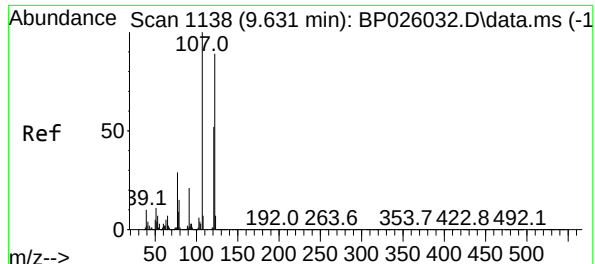
Tgt Ion: 82 Resp: 167606
Ion Ratio Lower Upper
82 100
95 7.1 5.4 8.0
138 18.5 15.4 23.0



#26
2-Nitrophenol
Concen: 6.573 ng
RT: 9.555 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion: 139 Resp: 38871
Ion Ratio Lower Upper
139 100
109 27.6 22.3 33.5
65 48.9 37.2 55.8





#27

2,4-Dimethylphenol

Concen: 5.220 ng

RT: 9.625 min Scan# 1137

Delta R.T. 0.000 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

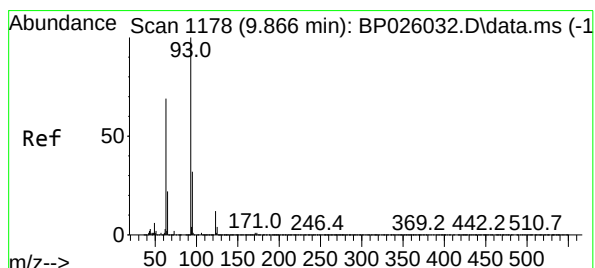
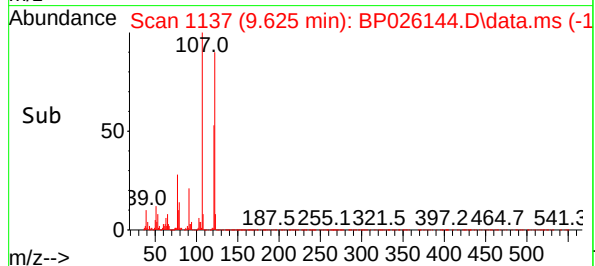
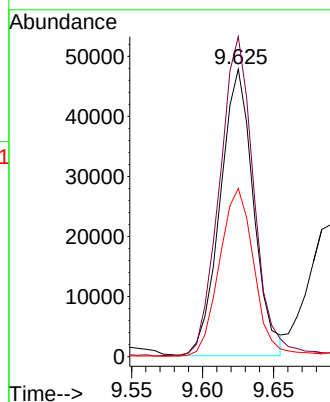
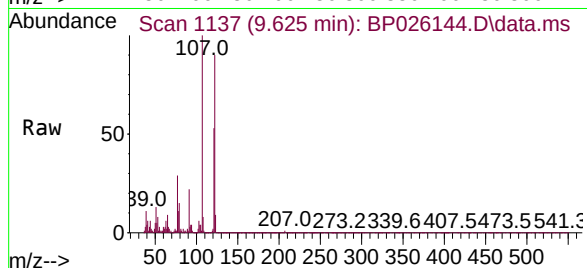
Tgt Ion:122 Resp: 78015

Ion Ratio Lower Upper

122 100

107 111.3 91.0 136.6

121 58.5 47.0 70.6



#28

bis(2-Chloroethoxy)methane

Concen: 4.925 ng

RT: 9.849 min Scan# 1175

Delta R.T. -0.012 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

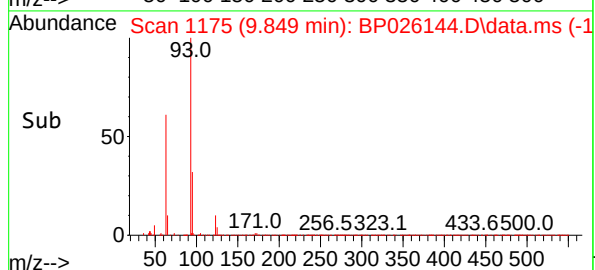
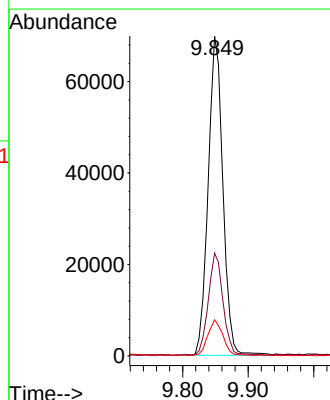
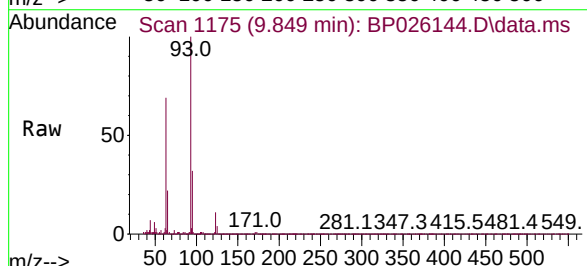
Tgt Ion: 93 Resp: 108845

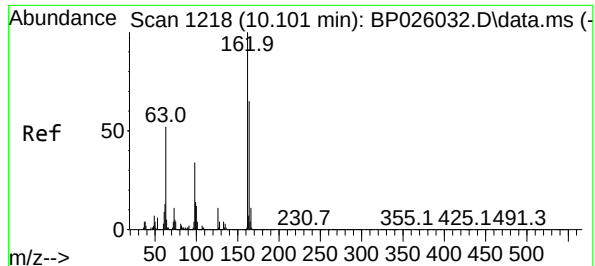
Ion Ratio Lower Upper

93 100

95 32.1 26.4 39.6

123 11.3 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 4.893 ng

RT: 10.090 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

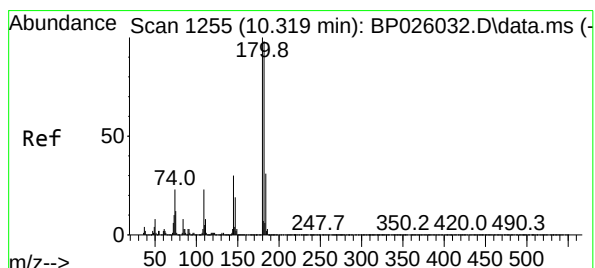
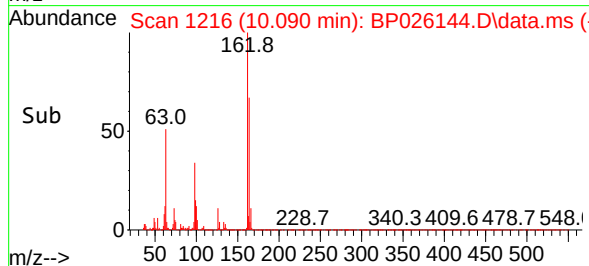
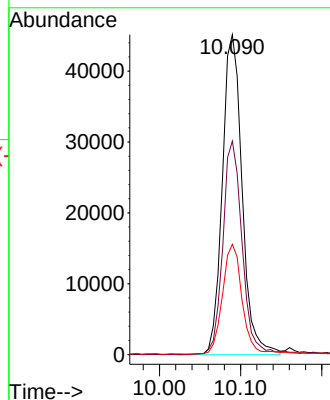
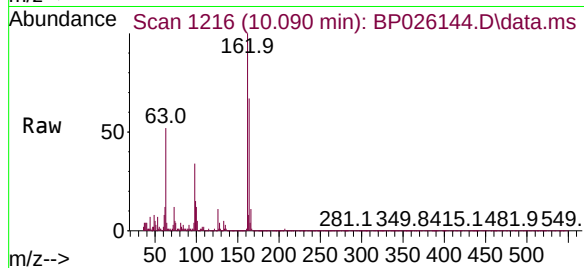
Tgt Ion:162 Resp: 76304

Ion Ratio Lower Upper

162 100

164 66.7 43.8 83.8

98 34.5 14.1 54.1



#30

1,2,4-Trichlorobenzene

Concen: 5.002 ng

RT: 10.302 min Scan# 1252

Delta R.T. -0.006 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

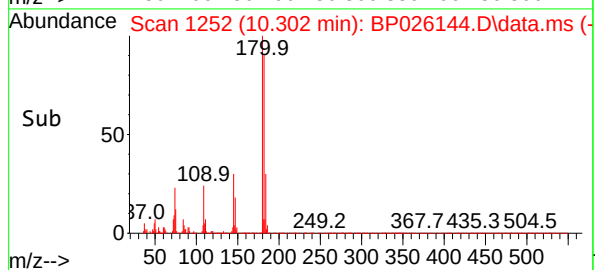
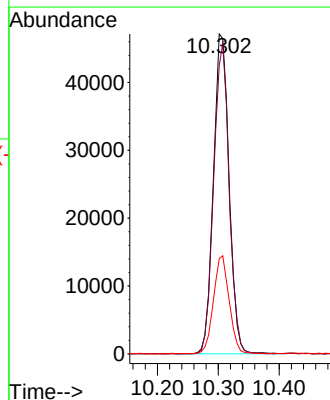
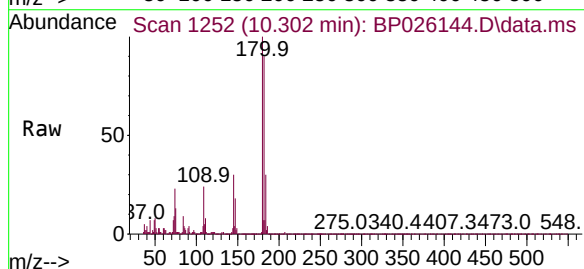
Tgt Ion:180 Resp: 84591

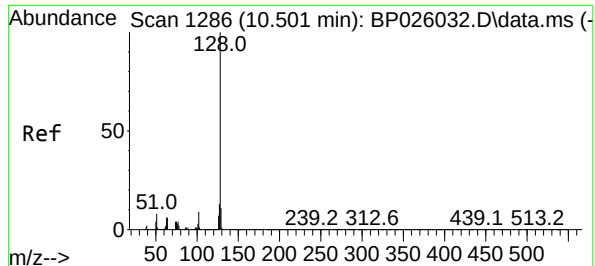
Ion Ratio Lower Upper

180 100

182 90.1 78.1 117.1

145 29.8 24.2 36.4

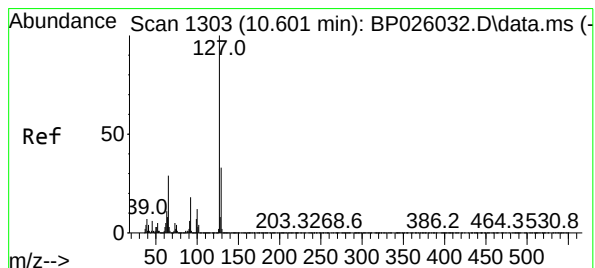
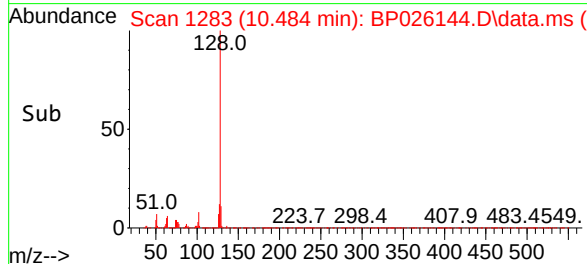
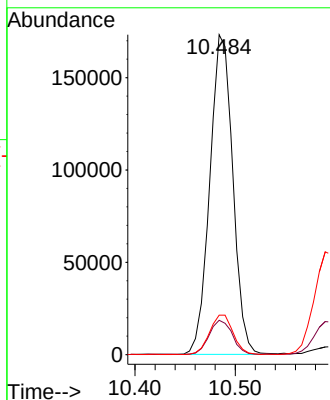
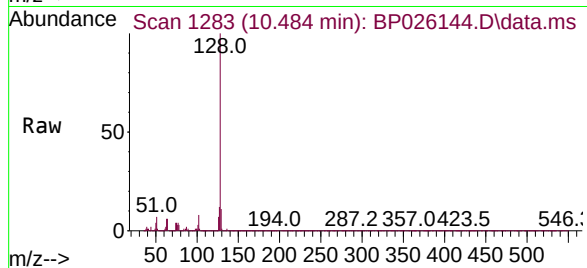




#31
Naphthalene
Concen: 4.976 ng
RT: 10.484 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

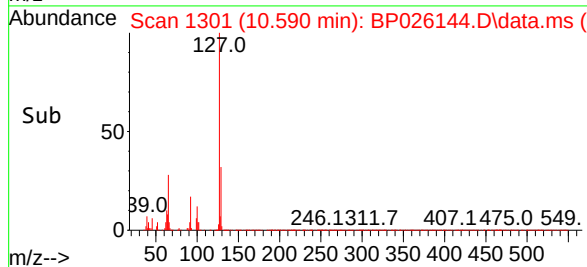
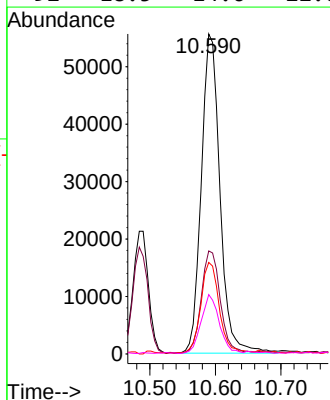
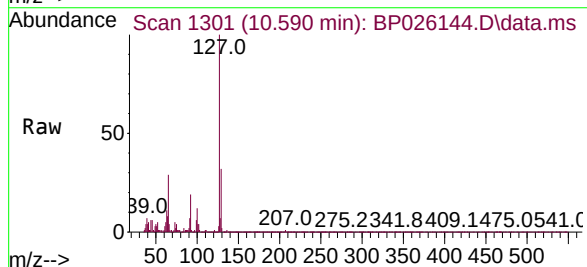
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

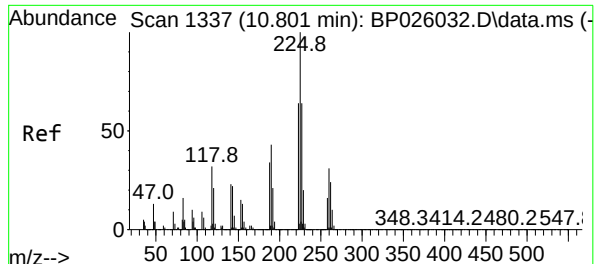
Tgt Ion:128 Resp: 276491
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.6
127 12.3 10.2 15.4



#33
4-Chloroaniline
Concen: 5.080 ng
RT: 10.590 min Scan# 1301
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:127 Resp: 109680
Ion Ratio Lower Upper
127 100
129 32.2 25.8 38.8
65 28.6 22.7 34.1
92 18.5 14.6 22.0

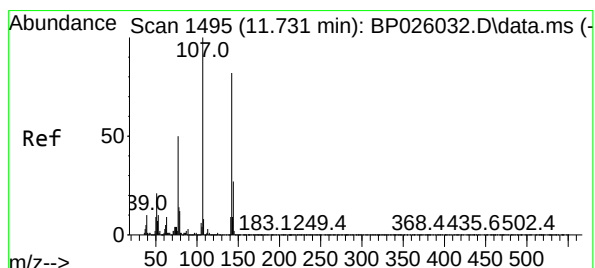
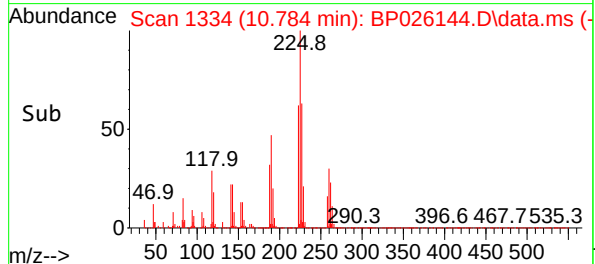
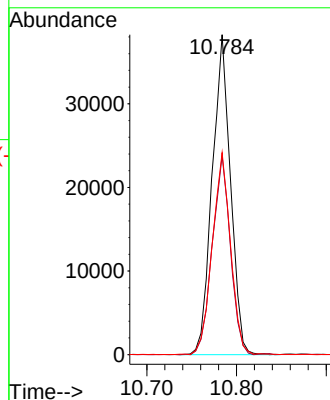
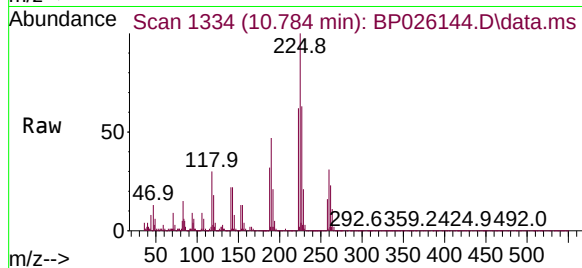




#34
Hexachlorobutadiene
Concen: 5.030 ng
RT: 10.784 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

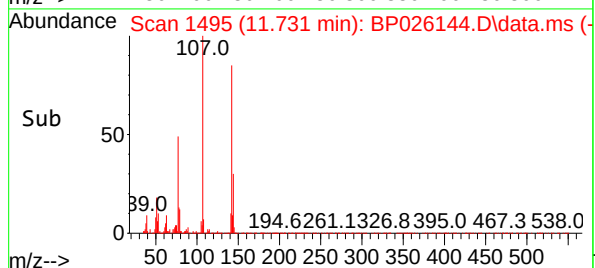
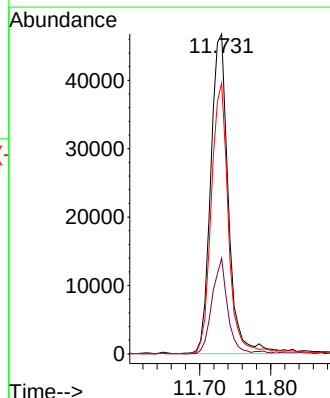
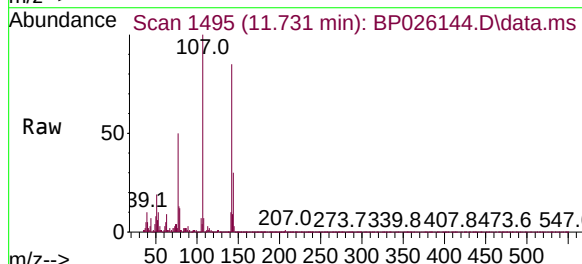
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

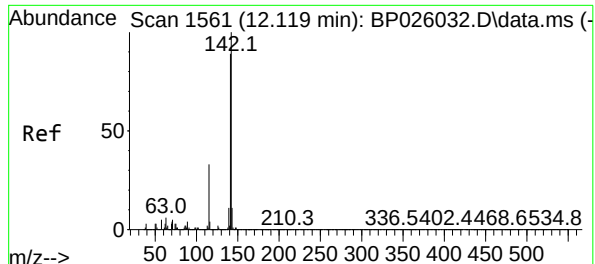
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.6	74.4
227	63.1	51.2	76.8



#36
4-Chloro-3-methylphenol
Concen: 4.924 ng
RT: 11.731 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion	Ratio	Lower	Upper
107	100		
144	29.9	21.6	32.4
142	84.7	65.6	98.4

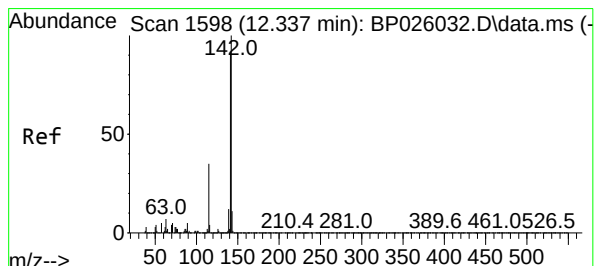
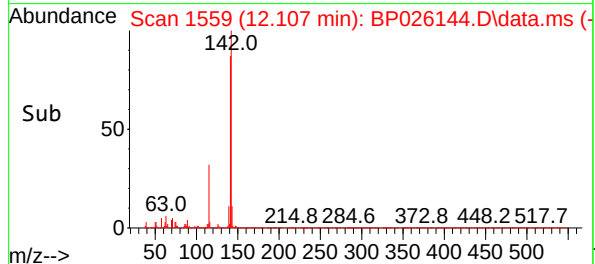
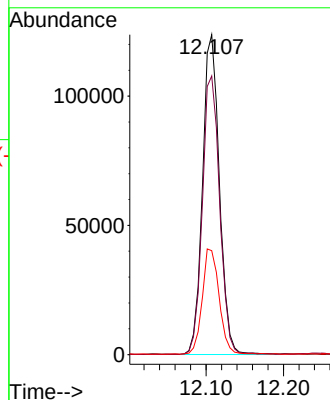
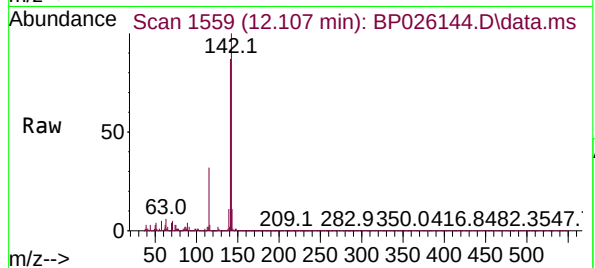




#37
2-Methylnaphthalene
Concen: 4.822 ng
RT: 12.107 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

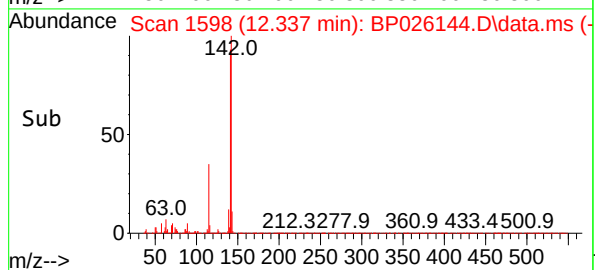
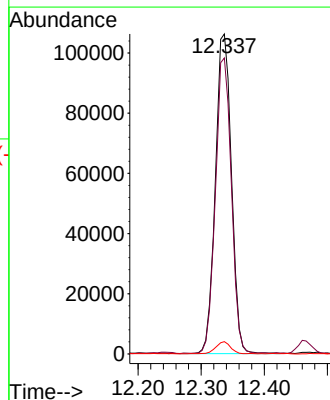
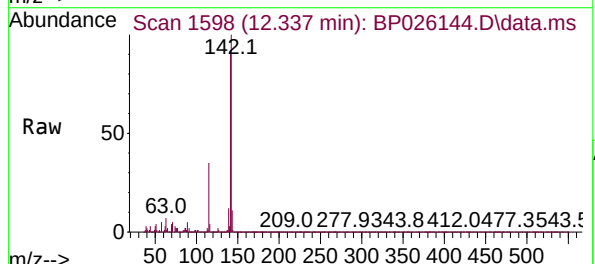
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

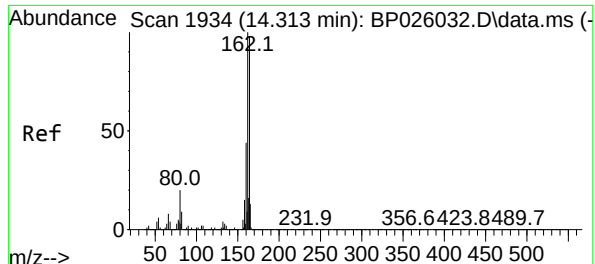
Tgt Ion:142 Resp: 187351
Ion Ratio Lower Upper
142 100
141 87.1 71.0 106.6
115 32.5 26.6 39.8



#38
1-Methylnaphthalene
Concen: 4.977 ng
RT: 12.337 min Scan# 1598
Delta R.T. 0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:142 Resp: 187981
Ion Ratio Lower Upper
142 100
141 92.5 73.5 110.3
116 3.8 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.313 min Scan# 1934

Delta R.T. -0.012 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

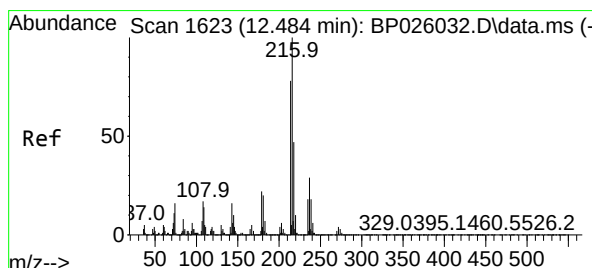
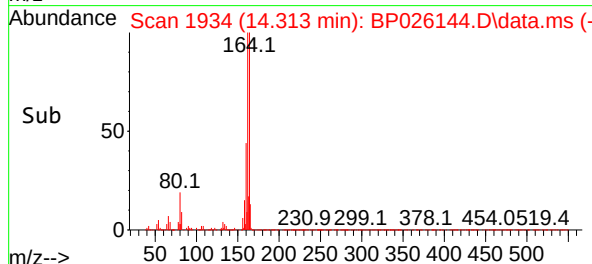
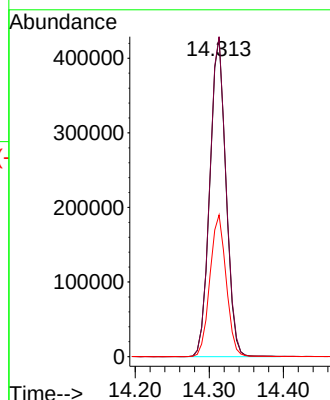
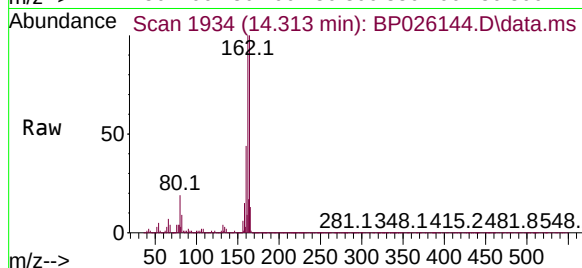
Tgt Ion:164 Resp: 643620

Ion Ratio Lower Upper

164 100

162 100.3 80.3 120.5

160 44.4 35.2 52.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.903 ng

RT: 12.478 min Scan# 1622

Delta R.T. -0.012 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

Tgt Ion:216 Resp: 97644

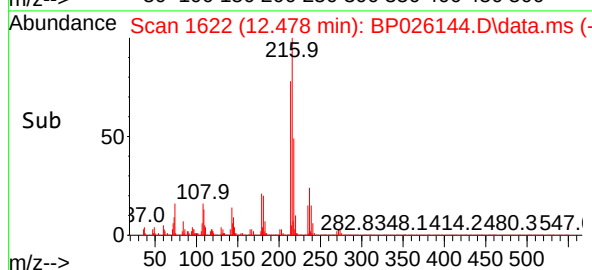
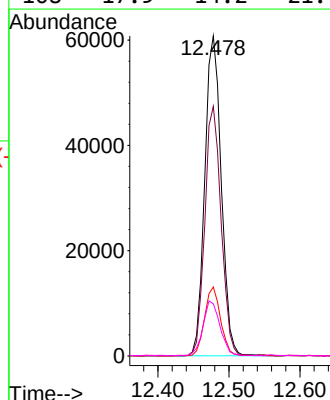
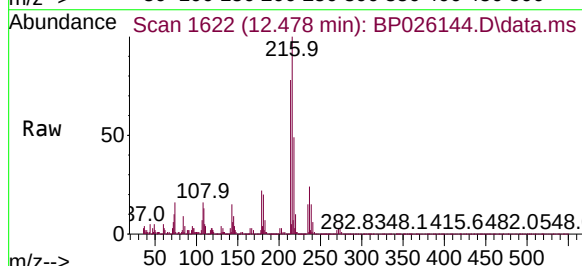
Ion Ratio Lower Upper

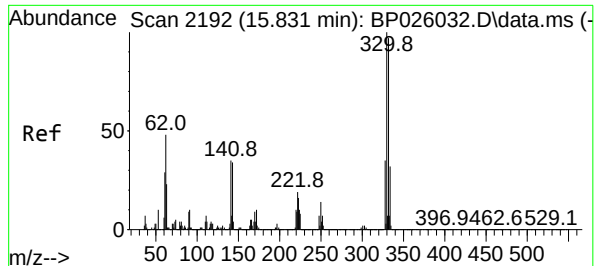
216 100

214 77.2 62.6 94.0

179 20.7 16.6 25.0

108 17.9 14.2 21.4





#42

2,4,6-Tribromophenol

Concen: 11.005 ng

RT: 15.831 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

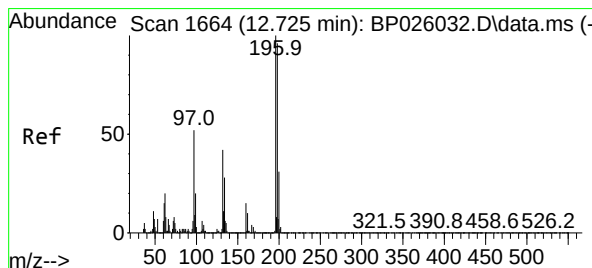
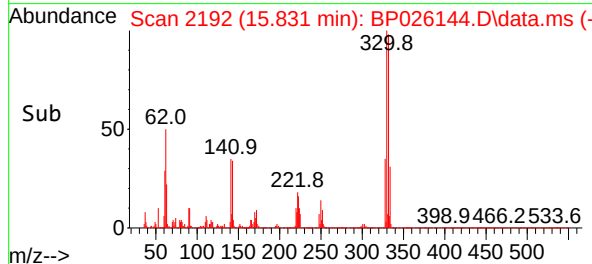
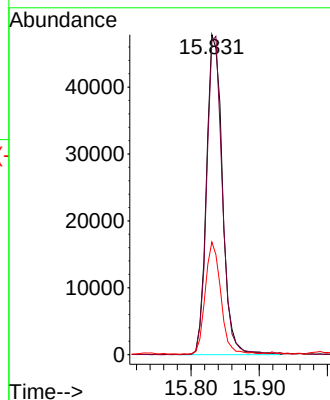
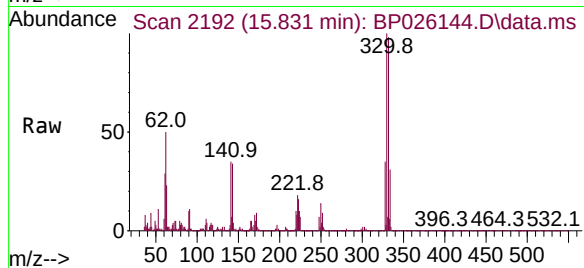
Tgt Ion:330 Resp: 77590

Ion Ratio Lower Upper

330 100

332 97.3 78.0 117.0

141 34.4 26.8 40.2



#43

2,4,6-Trichlorophenol

Concen: 5.131 ng

RT: 12.725 min Scan# 1664

Delta R.T. 0.000 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

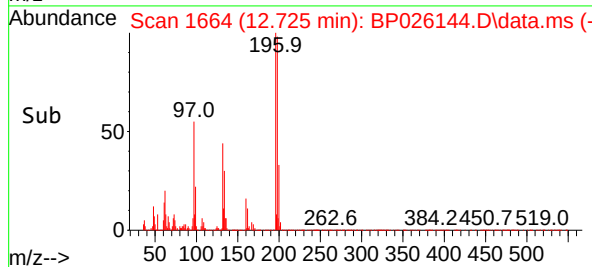
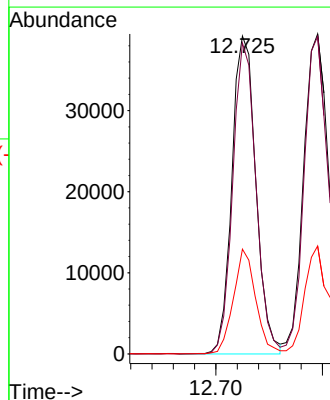
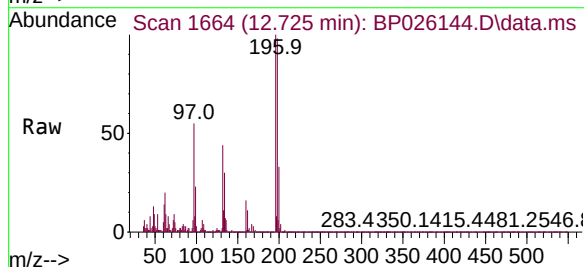
Tgt Ion:196 Resp: 61137

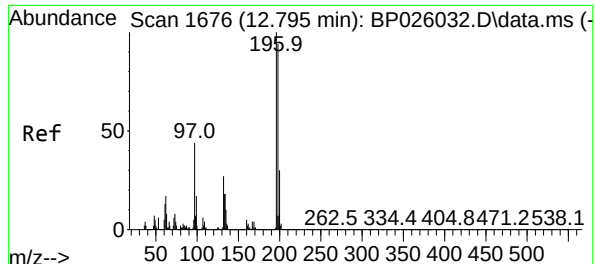
Ion Ratio Lower Upper

196 100

198 97.8 76.9 115.3

200 33.0 24.6 37.0





#44

2,4,5-Trichlorophenol

Concen: 5.093 ng

RT: 12.796 min Scan# 1676

Delta R.T. -0.006 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:196 Resp: 68937

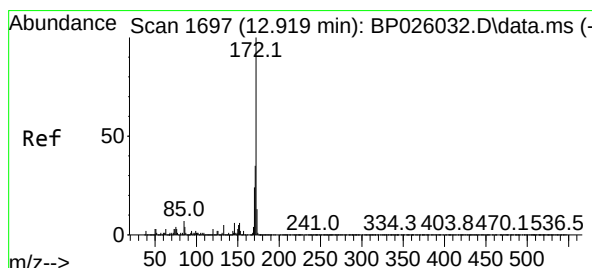
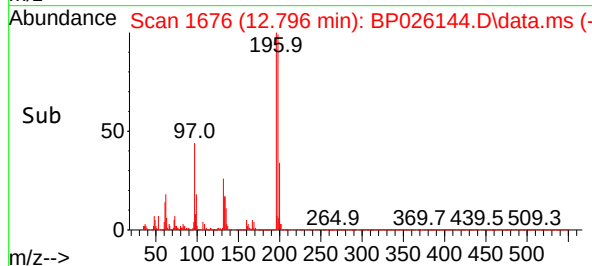
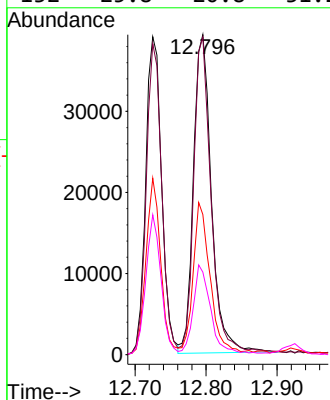
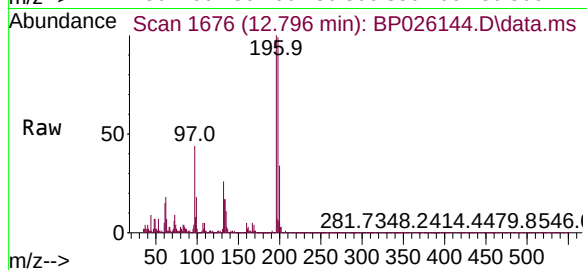
Ion Ratio Lower Upper

196 100

198 99.2 76.4 114.6

97 43.8 35.7 53.5

132 25.8 20.8 31.2



#45

2-Fluorobiphenyl

Concen: 10.313 ng

RT: 12.919 min Scan# 1697

Delta R.T. -0.012 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

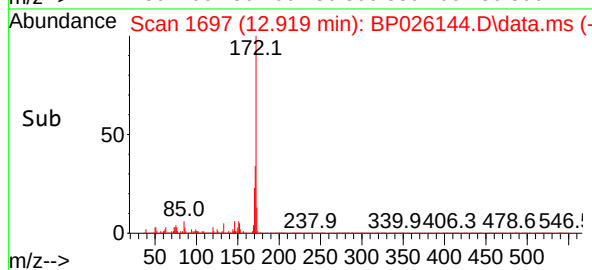
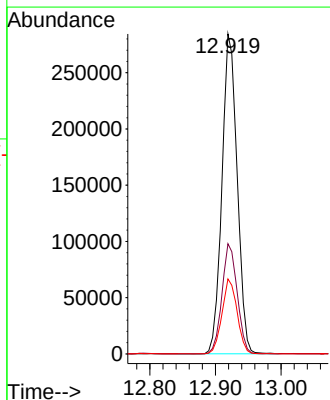
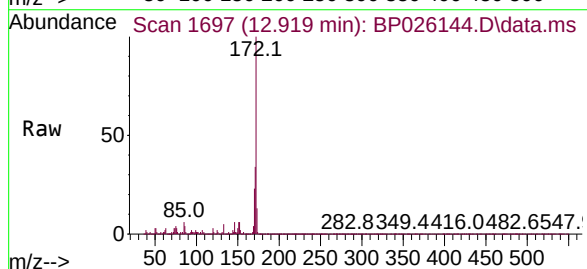
Tgt Ion:172 Resp: 460038

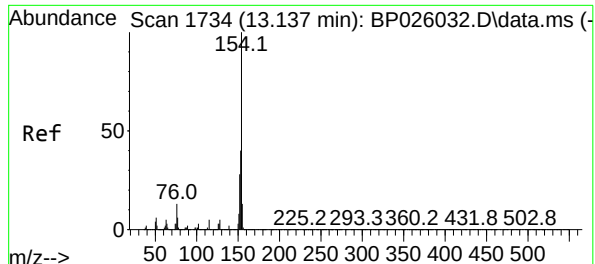
Ion Ratio Lower Upper

172 100

171 34.4 28.2 42.4

170 23.4 18.7 28.1





#46

1,1'-Biphenyl

Concen: 4.917 ng

RT: 13.131 min Scan# 1734

Delta R.T. -0.006 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

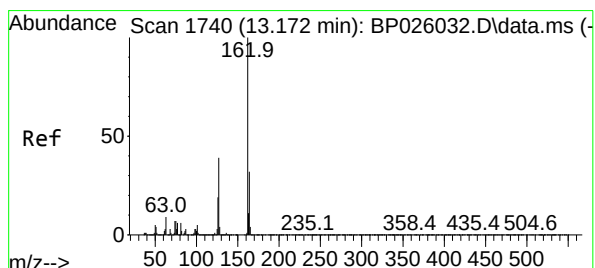
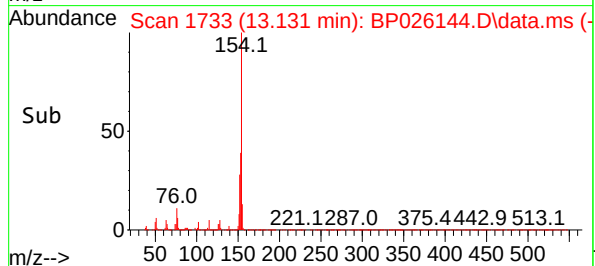
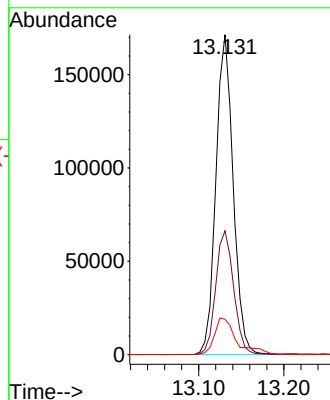
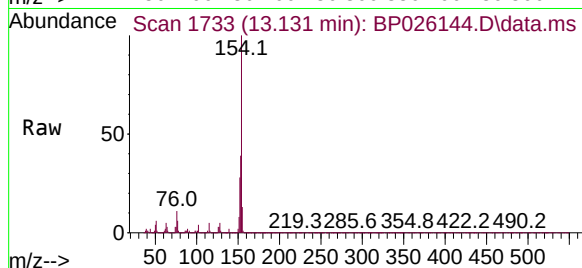
Tgt Ion:154 Resp: 241240

Ion Ratio Lower Upper

154 100

153 38.7 20.3 60.3

76 11.0 0.0 32.3



#47

2-Chloronaphthalene

Concen: 4.870 ng

RT: 13.166 min Scan# 1739

Delta R.T. -0.017 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

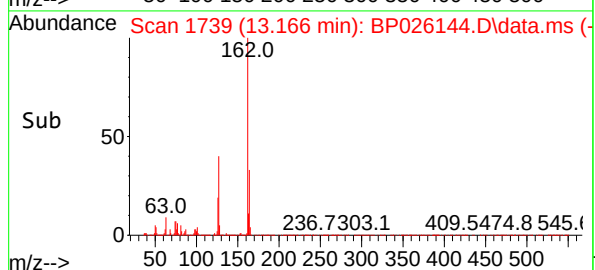
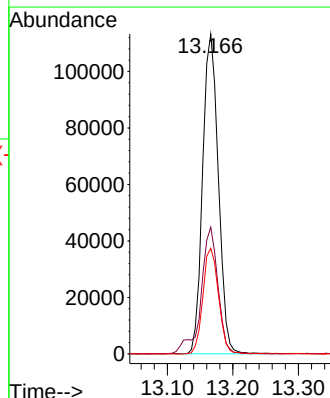
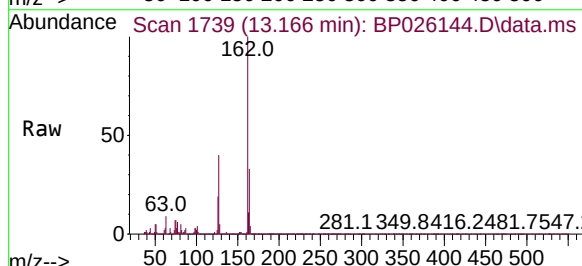
Tgt Ion:162 Resp: 187850

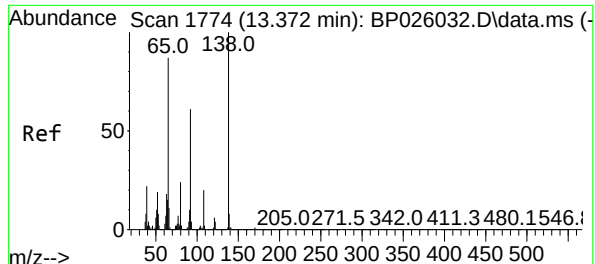
Ion Ratio Lower Upper

162 100

127 39.6 30.9 46.3

164 33.0 26.4 39.6





#48

2-Nitroaniline

Concen: 5.239 ng

RT: 13.378 min Scan# 1774

Delta R.T. 0.000 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

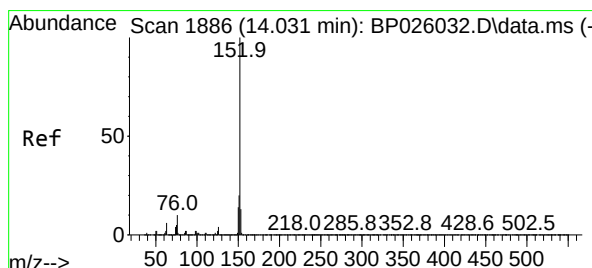
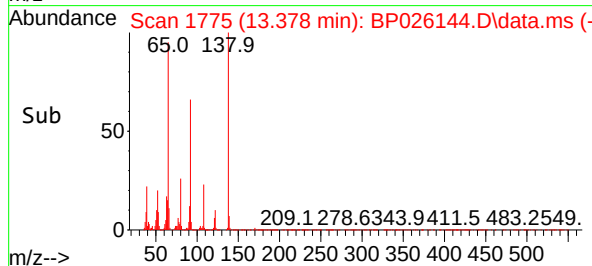
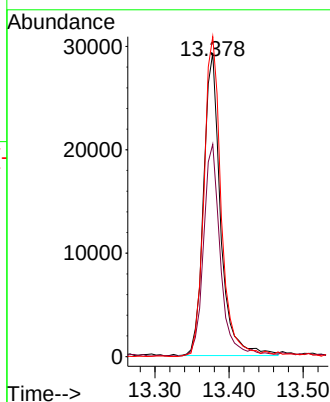
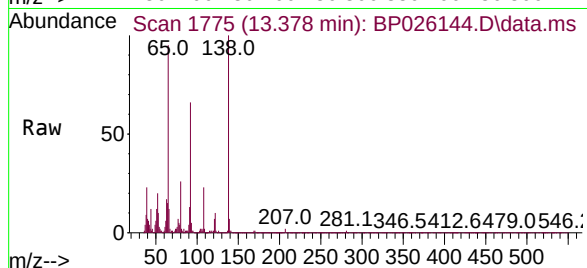
Tgt Ion: 65 Resp: 46485

Ion Ratio Lower Upper

65 100

92 70.0 59.1 88.7

138 105.4 96.6 145.0



#49

Acenaphthylene

Concen: 5.334 ng

RT: 14.031 min Scan# 1886

Delta R.T. -0.006 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

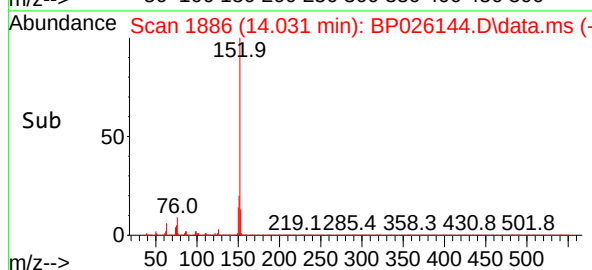
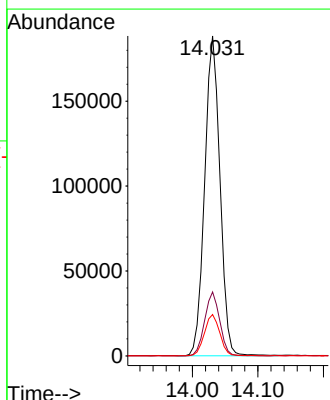
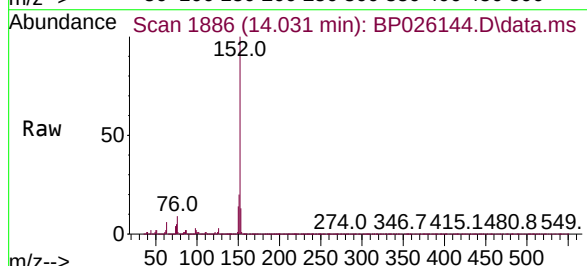
Tgt Ion: 152 Resp: 304102

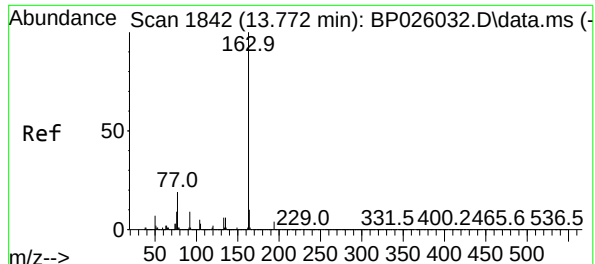
Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.8

153 12.9 10.6 16.0

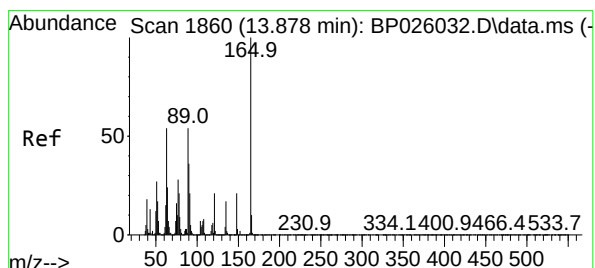
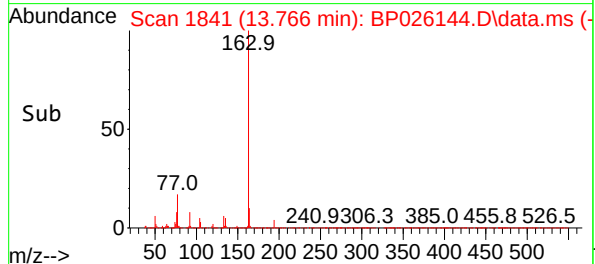
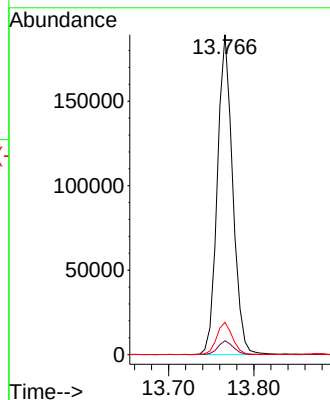
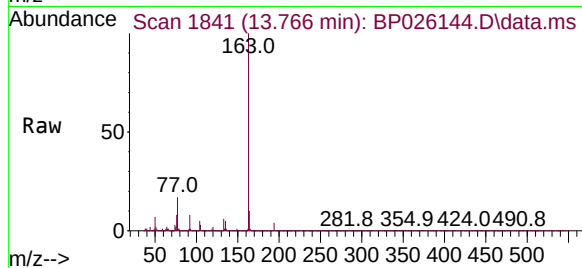




#50
Dimethylphthalate
Concen: 5.077 ng
RT: 13.766 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

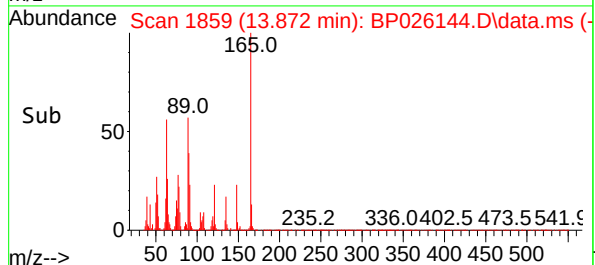
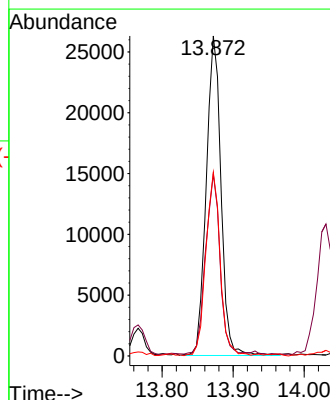
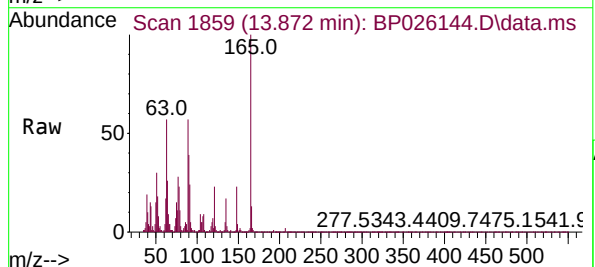
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

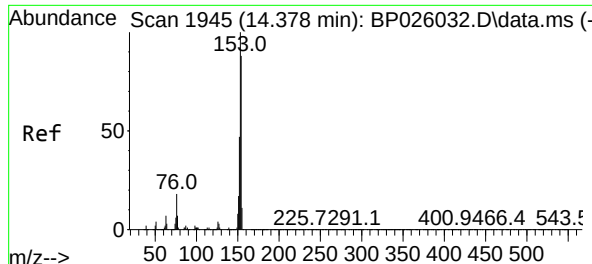
Tgt Ion:163 Resp: 236591
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.1 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 4.835 ng
RT: 13.872 min Scan# 1859
Delta R.T. -0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:165 Resp: 37885
Ion Ratio Lower Upper
165 100
63 56.8 40.5 60.7
89 57.3 41.3 61.9

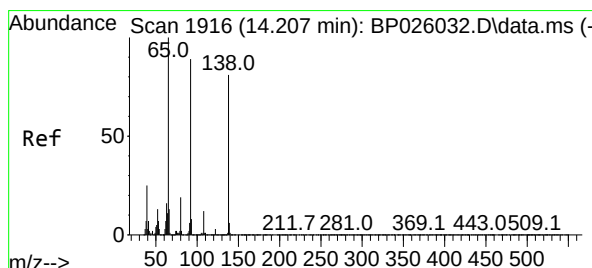
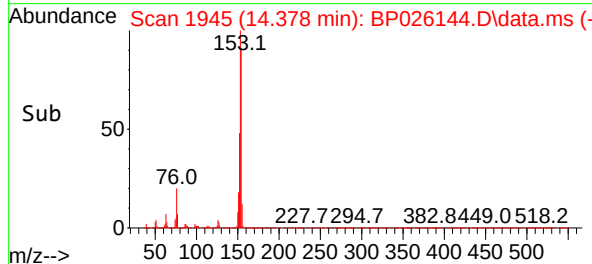
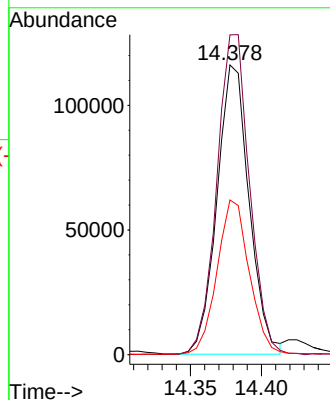
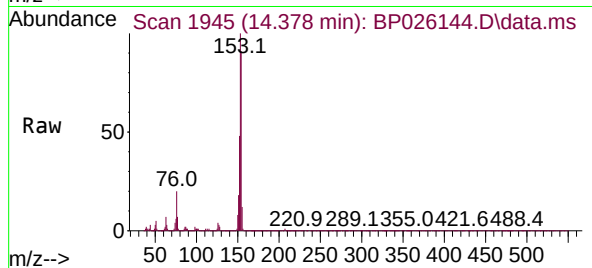




#52
Acenaphthene
Concen: 4.803 ng
RT: 14.378 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

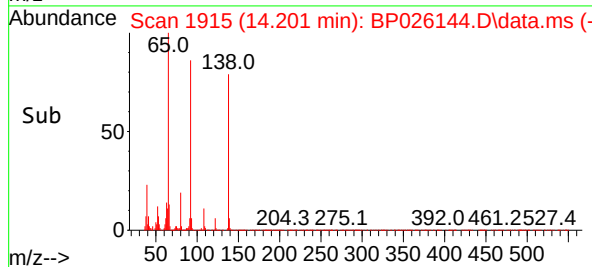
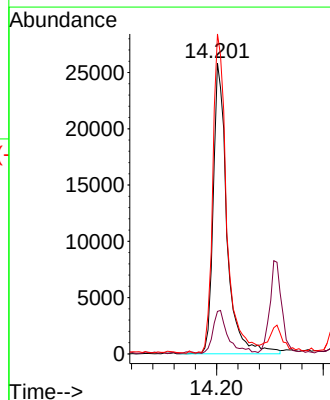
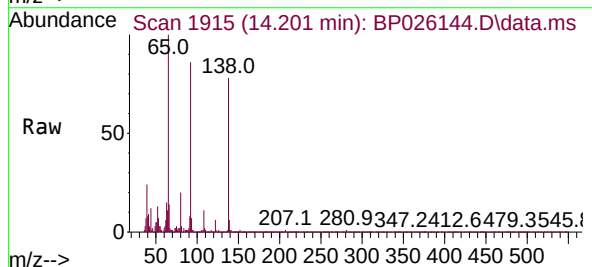
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

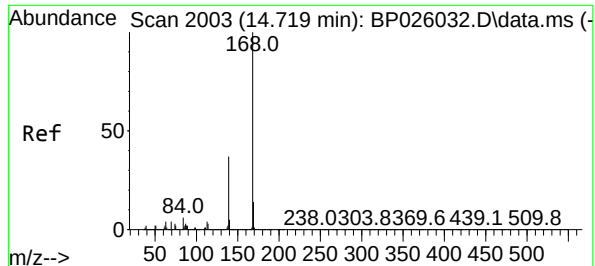
Tgt Ion:154 Resp: 183221
Ion Ratio Lower Upper
154 100
153 110.3 90.7 136.1
152 53.4 42.8 64.2



#53
3-Nitroaniline
Concen: 4.861 ng
RT: 14.201 min Scan# 1915
Delta R.T. -0.017 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:138 Resp: 46080
Ion Ratio Lower Upper
138 100
108 14.6 8.9 13.3#
92 110.1 86.3 129.5

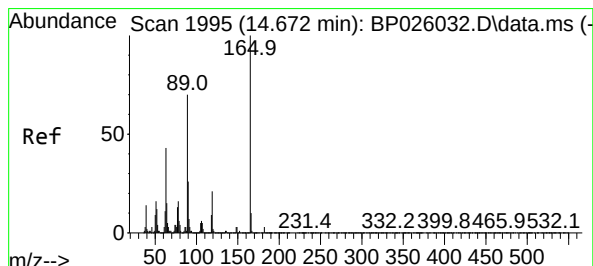
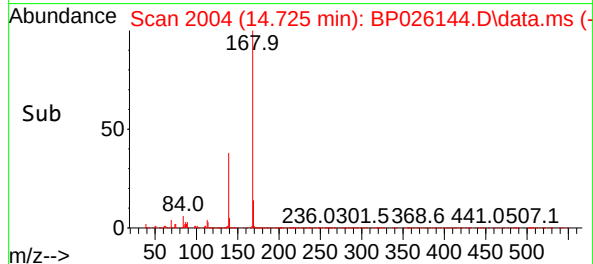
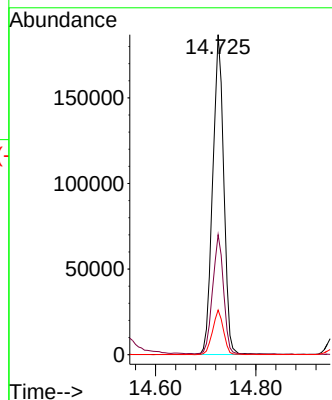
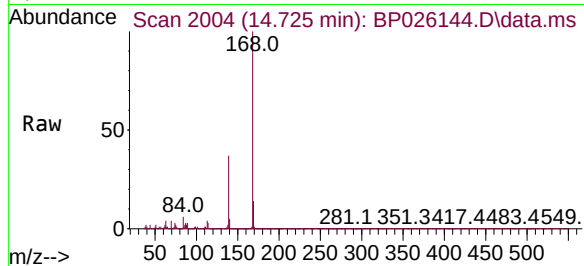




#55
Dibenzofuran
Concen: 4.928 ng
RT: 14.725 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

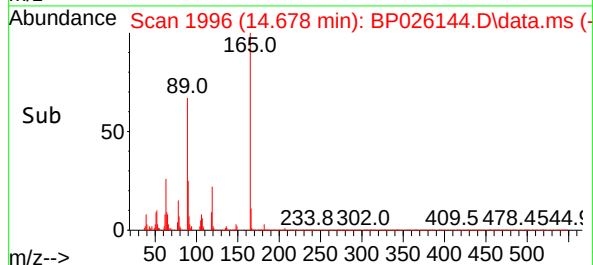
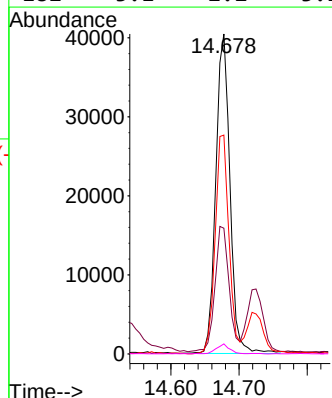
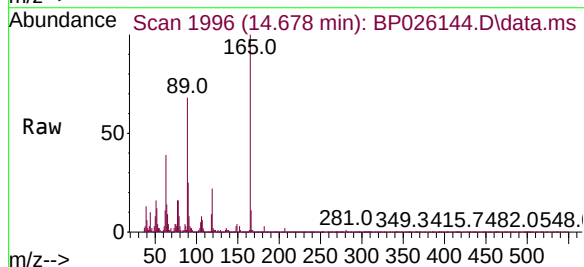
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

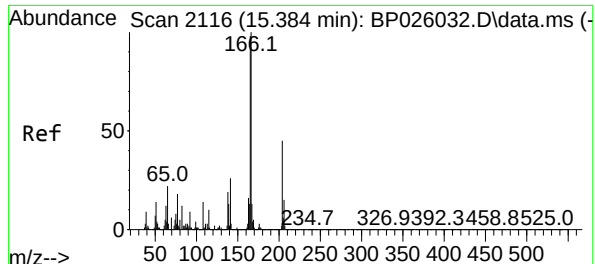
Tgt Ion:168 Resp: 286273
Ion Ratio Lower Upper
168 100
139 37.5 29.8 44.6
169 14.0 10.9 16.3



#57
2,4-Dinitrotoluene
Concen: 5.089 ng
RT: 14.678 min Scan# 1996
Delta R.T. -0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:165 Resp: 58186
Ion Ratio Lower Upper
165 100
63 39.3 31.0 46.6
89 68.4 51.7 77.5
182 3.1 2.2 3.2

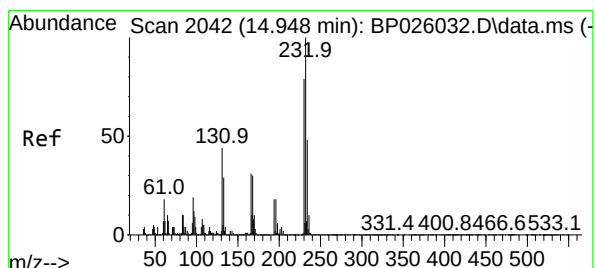
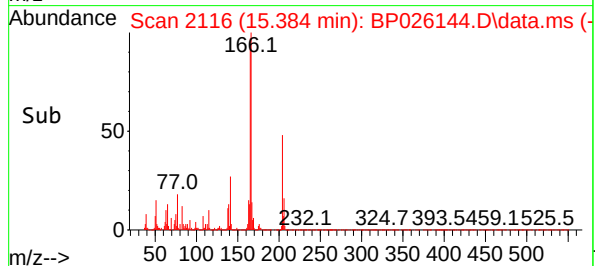
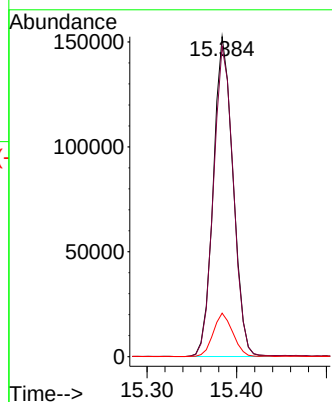
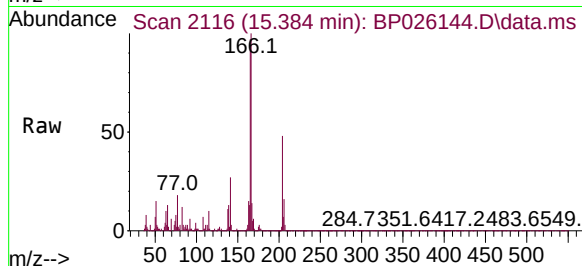




#58
Fluorene
Concen: 5.102 ng
RT: 15.384 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

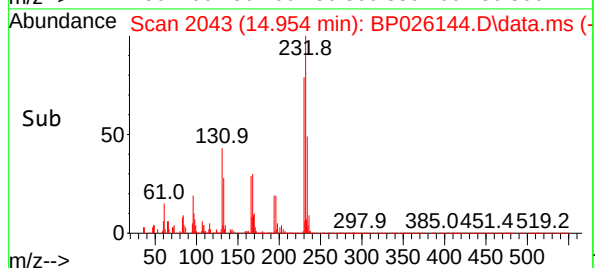
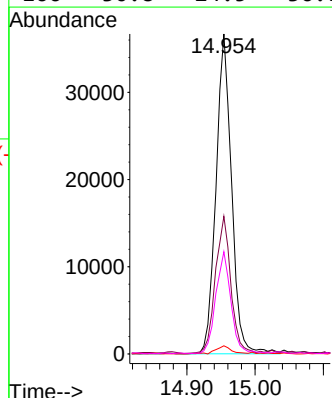
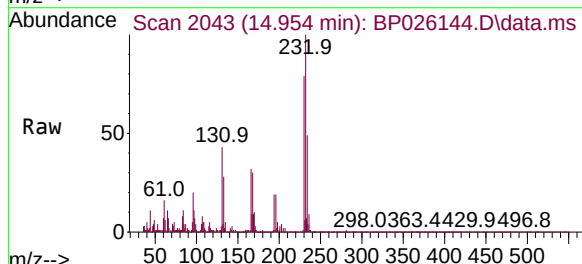
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

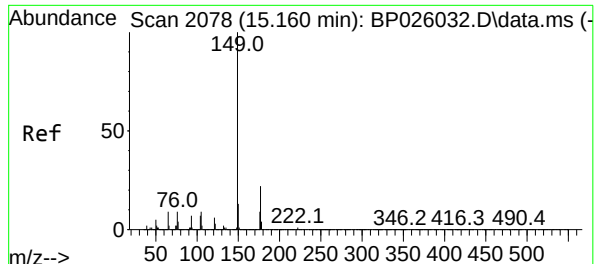
Tgt Ion:166 Resp: 232855
Ion Ratio Lower Upper
166 100
165 97.0 77.9 116.9
167 13.6 11.0 16.4



#59
2,3,4,6-Tetrachlorophenol
Concen: 5.425 ng
RT: 14.954 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:232 Resp: 58158
Ion Ratio Lower Upper
232 100
131 42.5 34.8 52.2
130 2.6 1.8 2.8
166 30.8 24.5 36.7

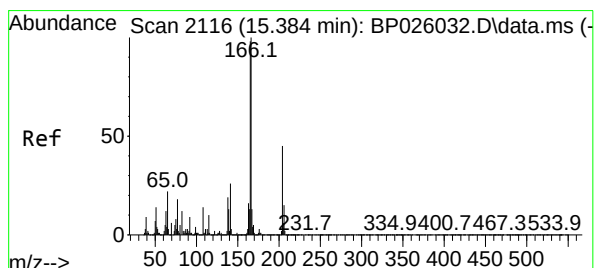
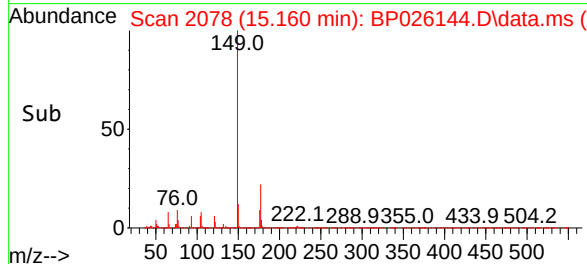
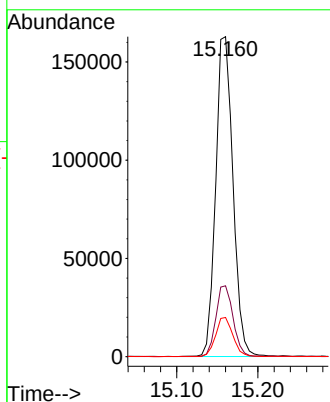
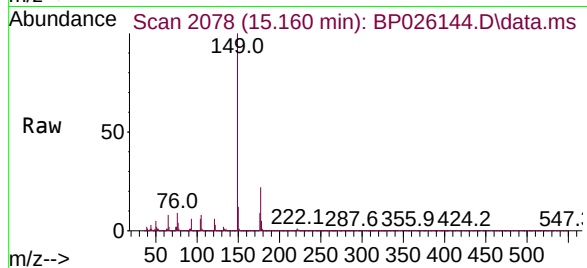




#60
Diethylphthalate
Concen: 5.123 ng
RT: 15.160 min Scan# 2078
Delta R.T. -0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

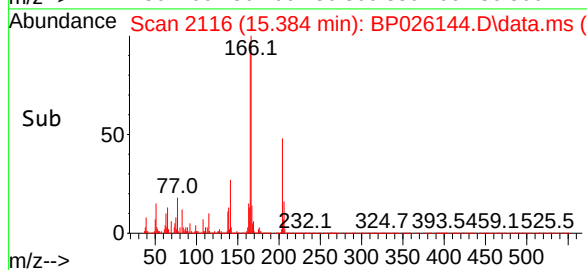
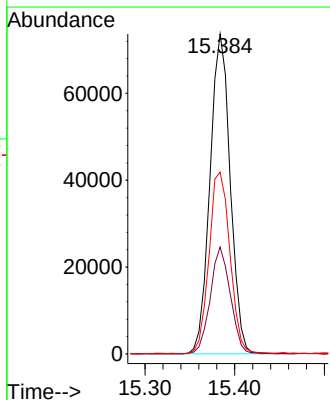
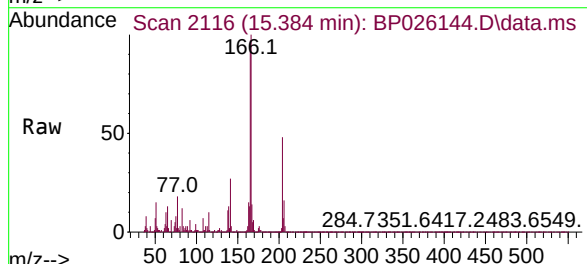
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

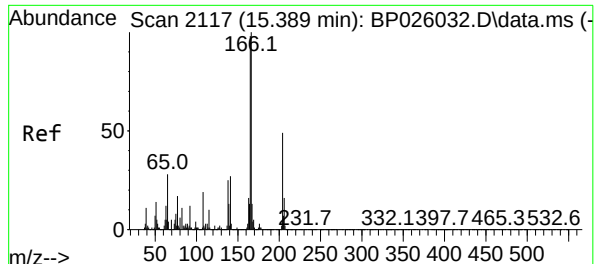
Tgt Ion:149 Resp: 240172
Ion Ratio Lower Upper
149 100
177 22.1 17.9 26.9
150 12.2 9.9 14.9



#61
4-Chlorophenyl-phenylether
Concen: 5.076 ng
RT: 15.384 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:204 Resp: 115474
Ion Ratio Lower Upper
204 100
206 33.4 26.2 39.2
141 56.8 48.1 72.1

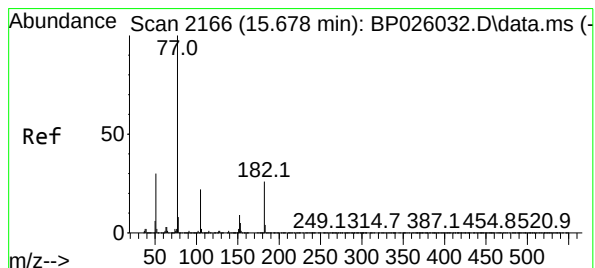
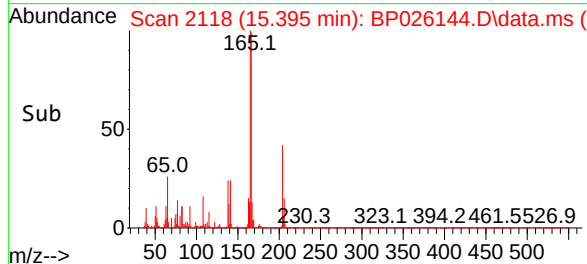
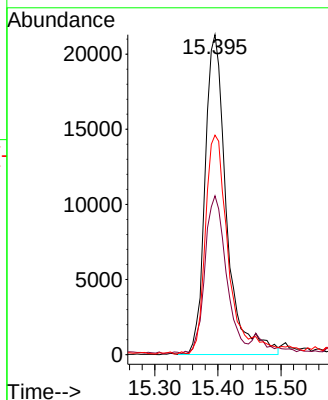
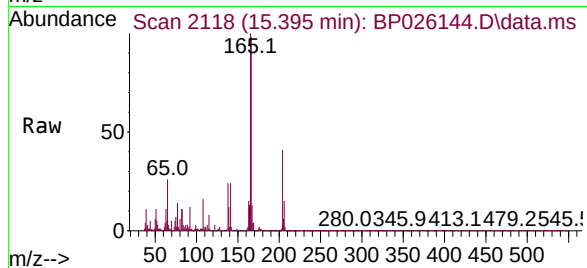




#62
4-Nitroaniline
Concen: 5.003 ng
RT: 15.395 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

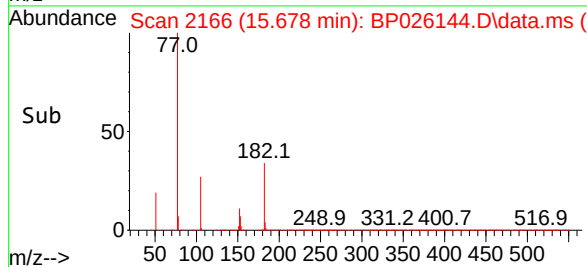
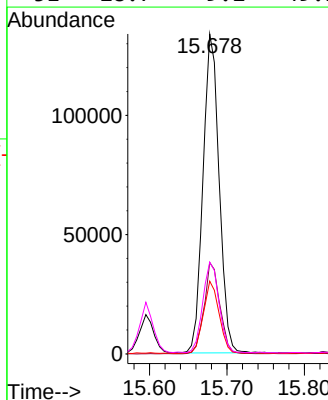
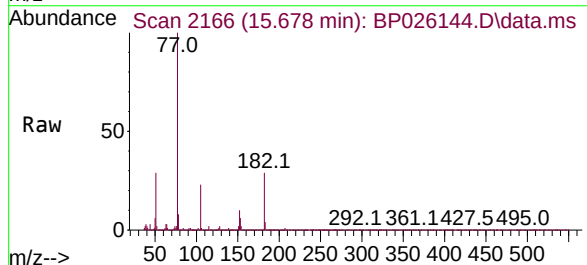
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

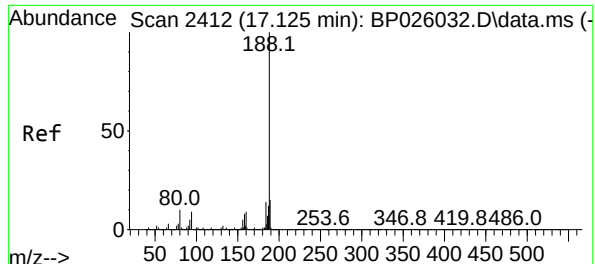
Tgt Ion	138	Resp	50292
Ion Ratio	Lower	Upper	
138	100		
92	49.6	27.5	67.5
108	68.6	51.1	91.1



#63
Azobenzene
Concen: 4.580 ng
RT: 15.678 min Scan# 2166
Delta R.T. -0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion	77	Resp	193050
Ion Ratio	Lower	Upper	
77	100		
182	28.5	8.8	48.8
105	22.7	2.6	42.6
51	28.7	9.2	49.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.131 min Scan# 2412

Delta R.T. 0.000 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

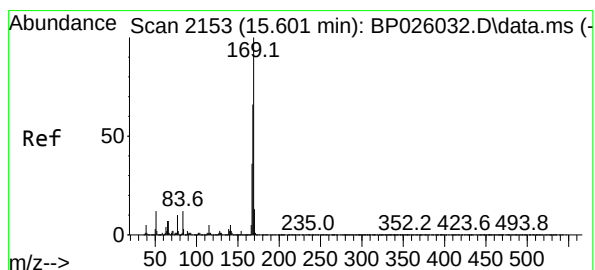
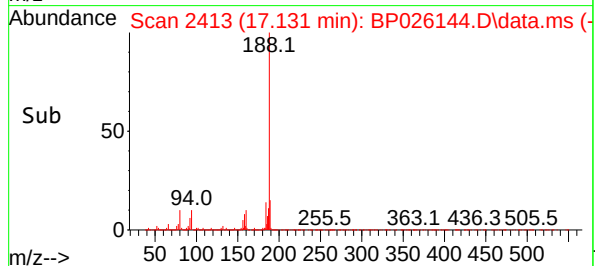
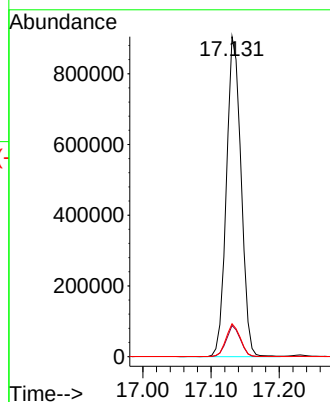
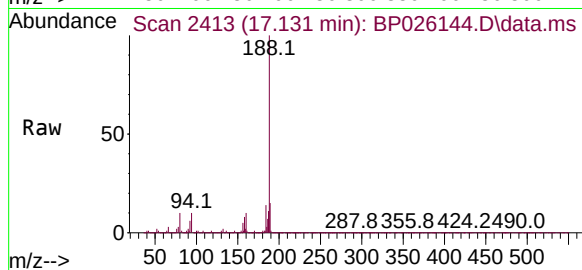
Tgt Ion:188 Resp: 1346698

Ion Ratio Lower Upper

188 100

94 9.7 7.8 11.6

80 10.3 8.2 12.2



#66

n-Nitrosodiphenylamine

Concen: 4.795 ng

RT: 15.595 min Scan# 2152

Delta R.T. -0.012 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

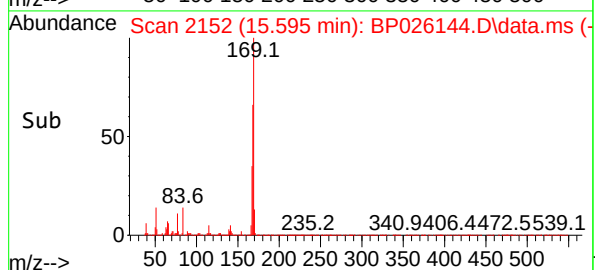
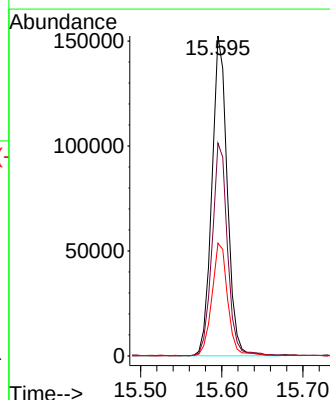
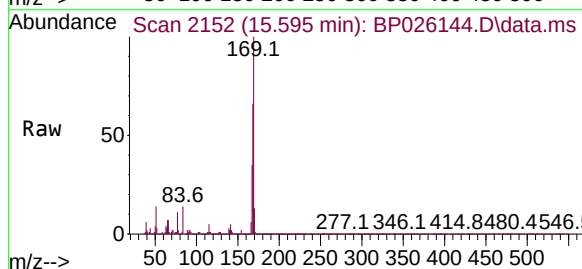
Tgt Ion:169 Resp: 201167

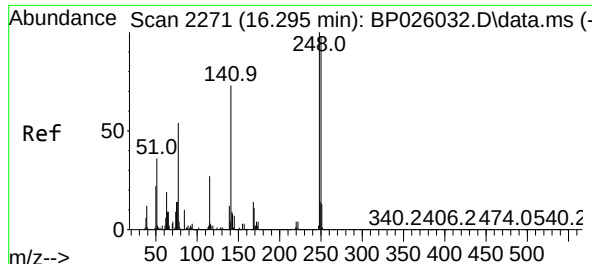
Ion Ratio Lower Upper

169 100

168 66.5 53.1 79.7

167 35.2 28.9 43.3

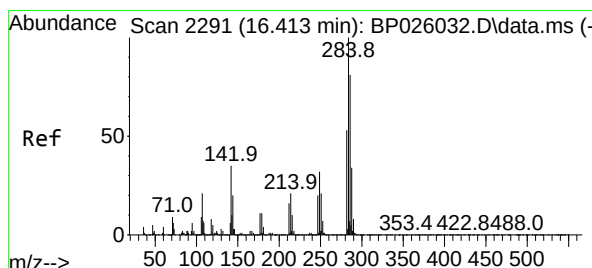
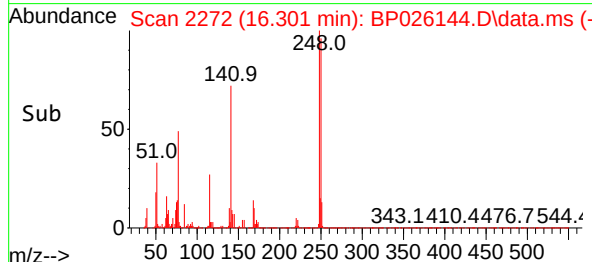
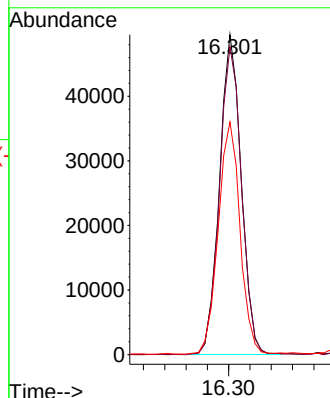
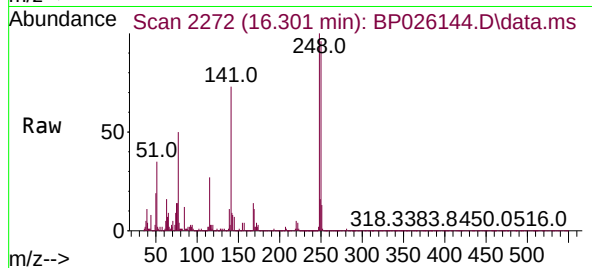




#67
4-Bromophenyl-phenylether
Concen: 4.680 ng
RT: 16.301 min Scan# 2271
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

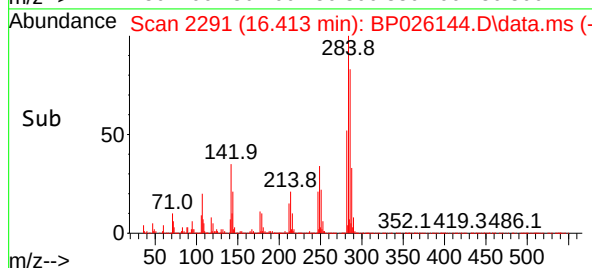
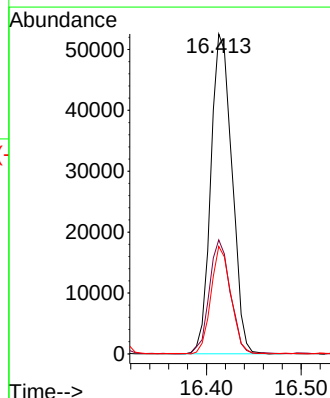
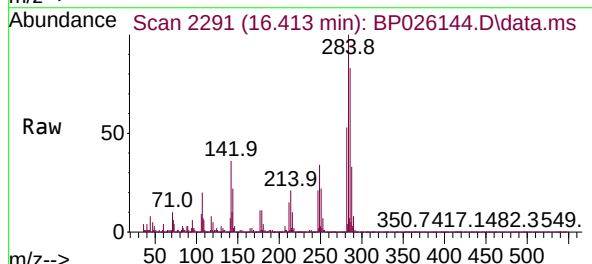
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

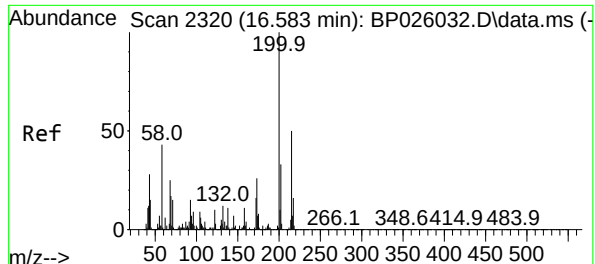
Tgt Ion:248 Resp: 69962
Ion Ratio Lower Upper
248 100
250 96.2 77.8 116.6
141 72.7 55.4 83.0



#68
Hexachlorobenzene
Concen: 4.805 ng
RT: 16.413 min Scan# 2291
Delta R.T. -0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:284 Resp: 81728
Ion Ratio Lower Upper
284 100
142 35.6 28.0 42.0
249 33.6 25.0 37.4

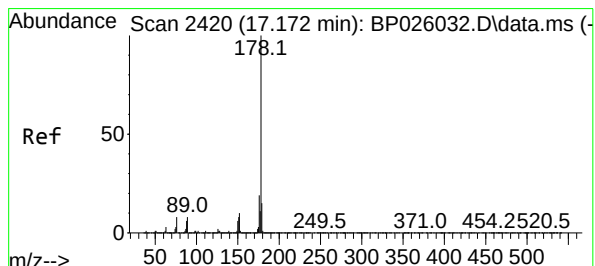
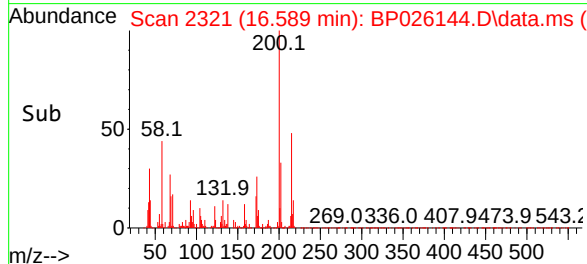
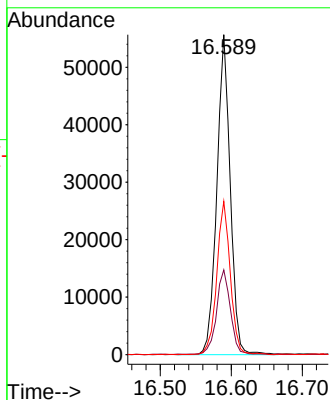
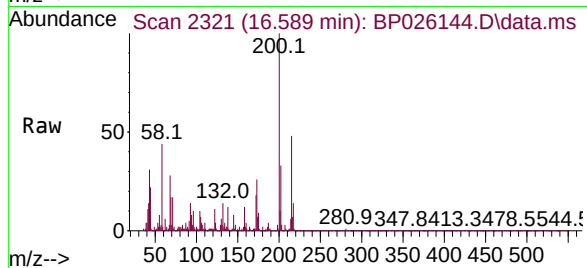




#69
Atrazine
Concen: 5.086 ng
RT: 16.589 min Scan# 2320
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

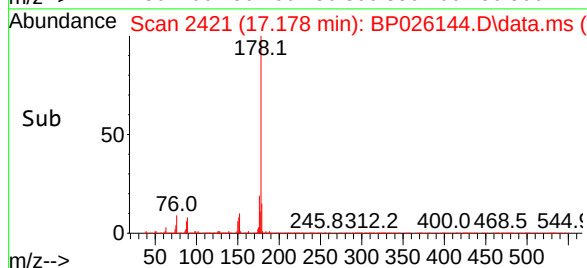
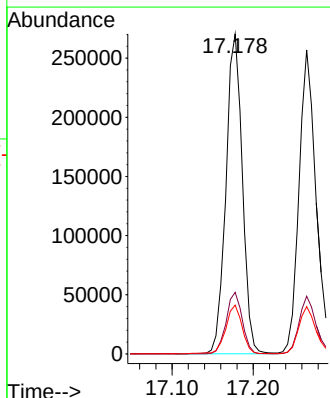
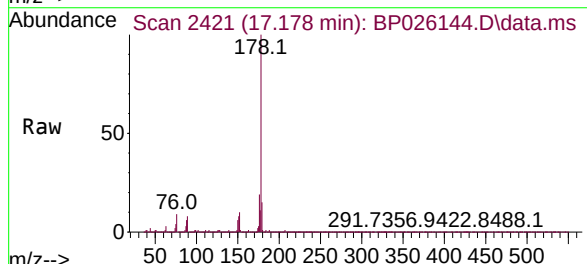
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

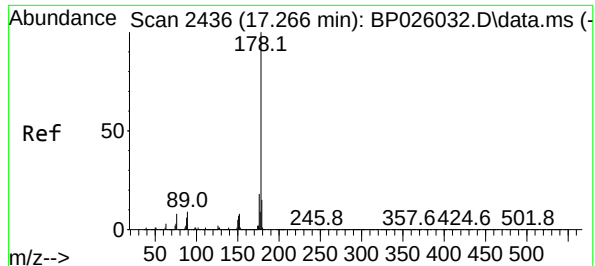
Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.5	6.7	46.7
215	47.9	27.4	67.4



#71
Phenanthrene
Concen: 4.882 ng
RT: 17.178 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.2	12.4	18.6

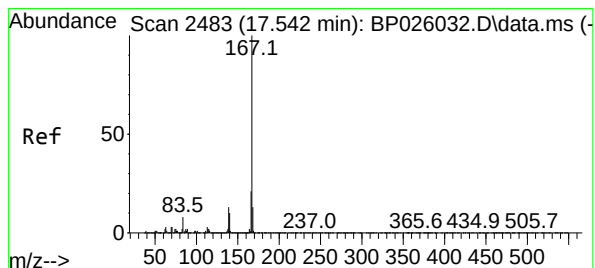
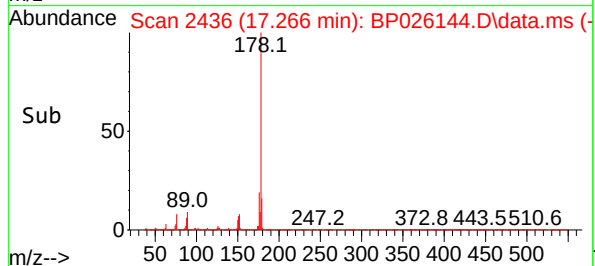
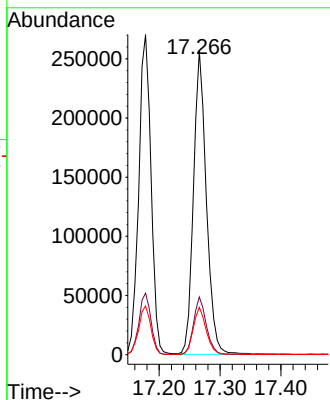
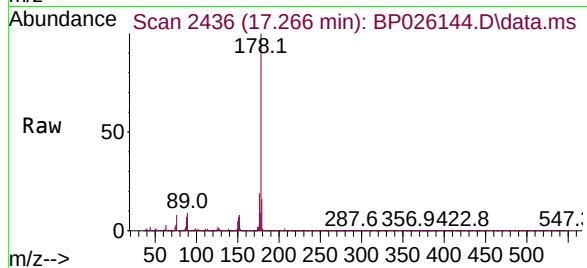




#72
Anthracene
Concen: 4.865 ng
RT: 17.266 min Scan# 2436
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

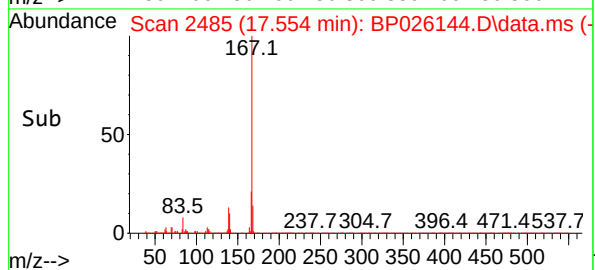
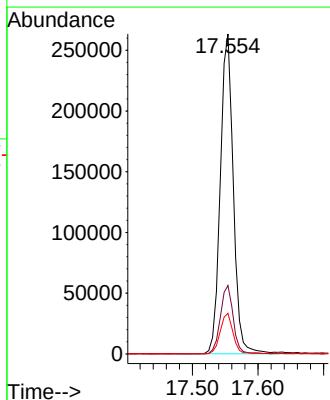
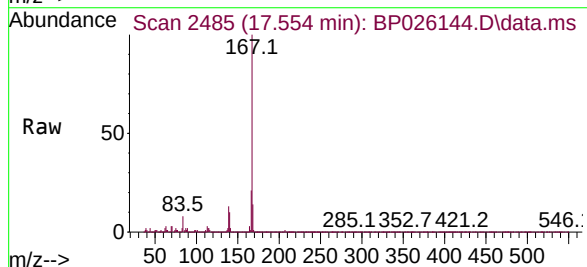
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

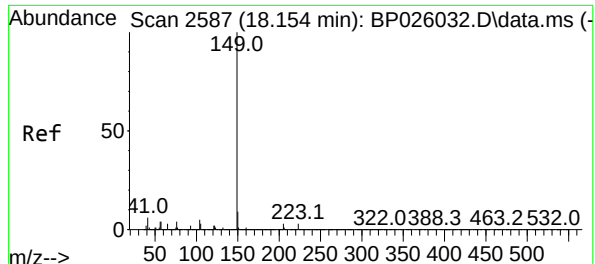
Tgt Ion:178 Resp: 377623
Ion Ratio Lower Upper
178 100
176 19.0 14.8 22.2
179 15.6 12.2 18.4



#73
Carbazole
Concen: 4.990 ng
RT: 17.554 min Scan# 2485
Delta R.T. 0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:167 Resp: 364556
Ion Ratio Lower Upper
167 100
166 21.4 17.1 25.7
139 12.7 10.2 15.4

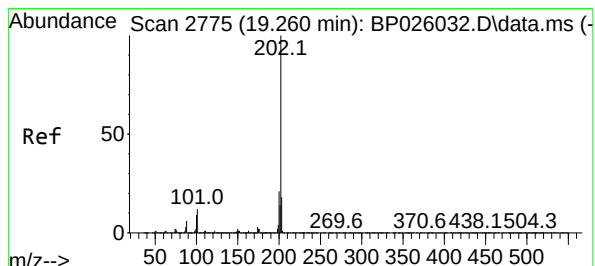
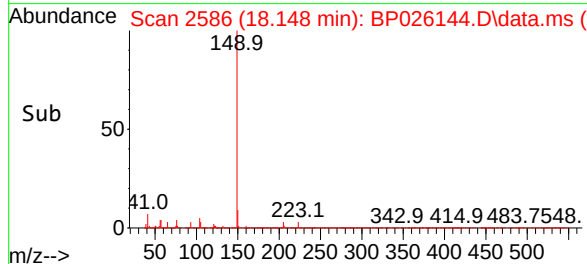
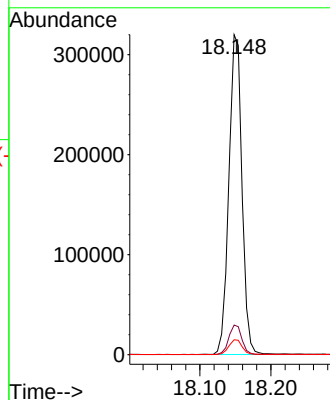
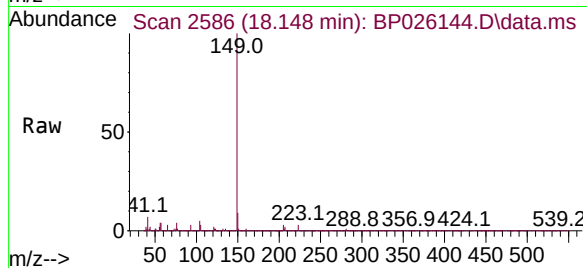




#74
Di-n-butylphthalate
Concen: 4.968 ng
RT: 18.148 min Scan# 2587
Delta R.T. -0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

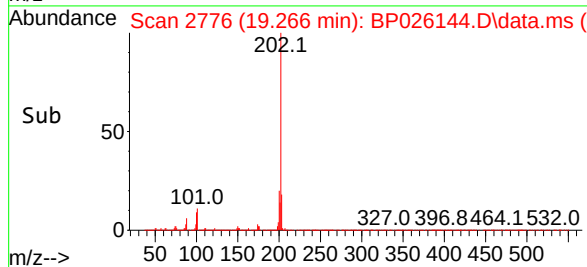
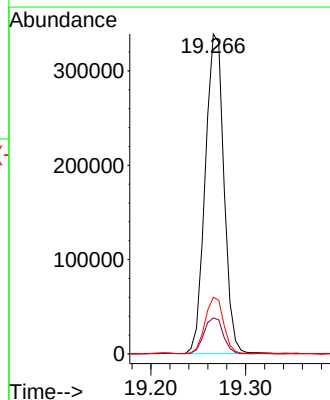
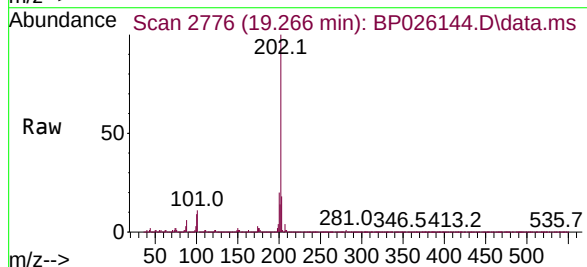
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

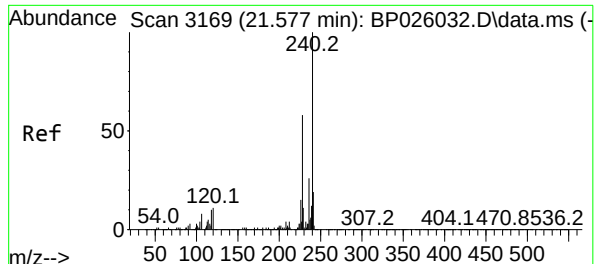
Tgt Ion:149 Resp: 410422
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 4.6 3.6 5.4



#75
Fluoranthene
Concen: 5.107 ng
RT: 19.266 min Scan# 2776
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:202 Resp: 465623
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.2
203 17.7 0.0 37.7

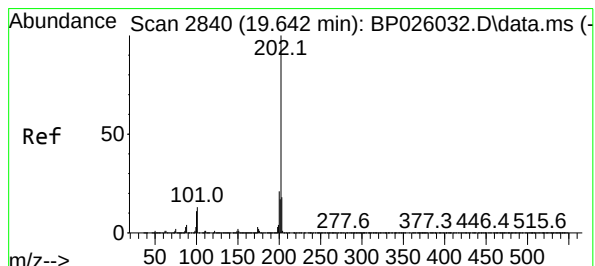
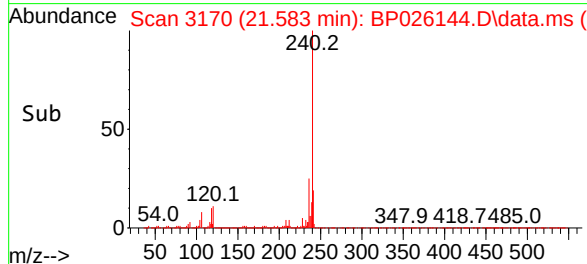
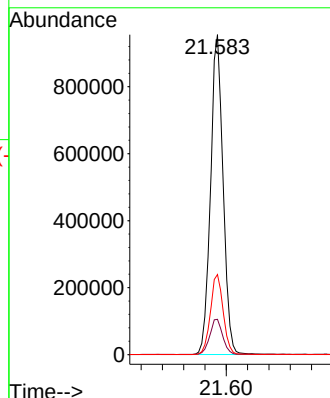
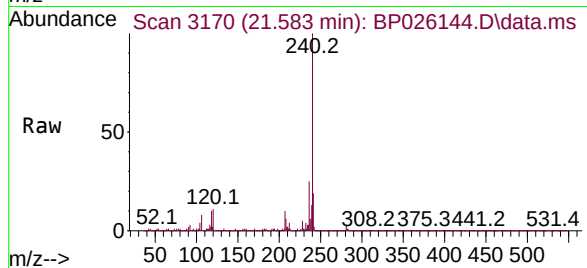




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

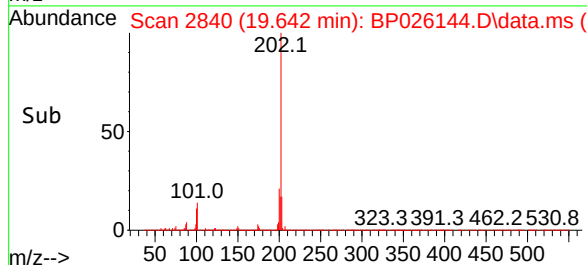
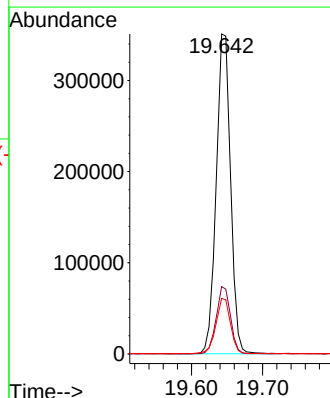
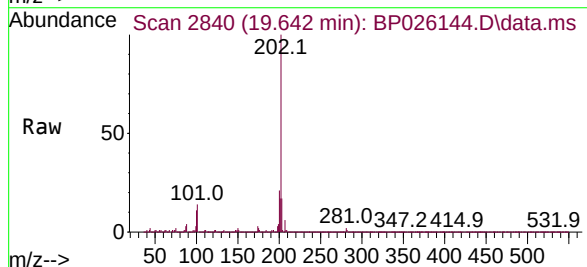
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

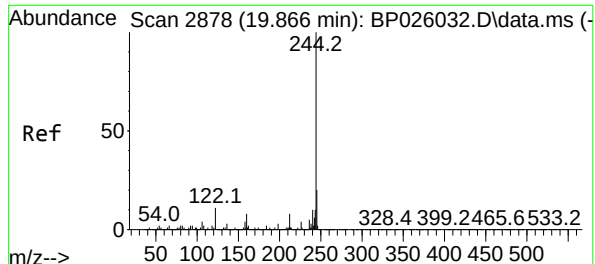
Tgt Ion:240 Resp: 1560462
Ion Ratio Lower Upper
240 100
120 11.0 9.0 13.4
236 25.0 20.4 30.6



#78
Pyrene
Concen: 4.740 ng
RT: 19.642 min Scan# 2840
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:202 Resp: 493981
Ion Ratio Lower Upper
202 100
200 21.0 16.9 25.3
203 17.3 13.8 20.8

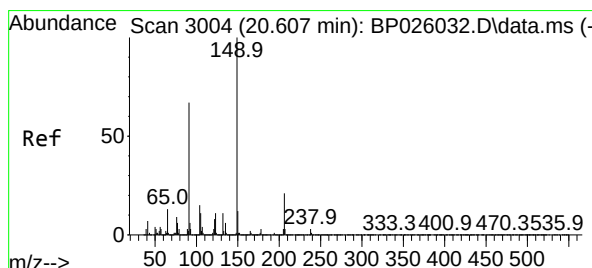
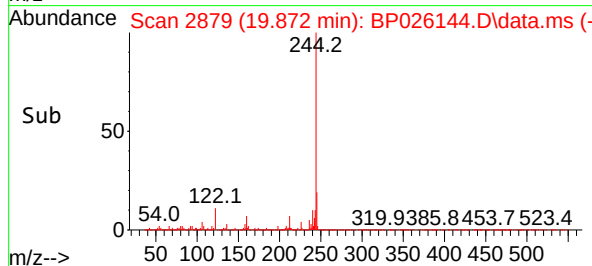
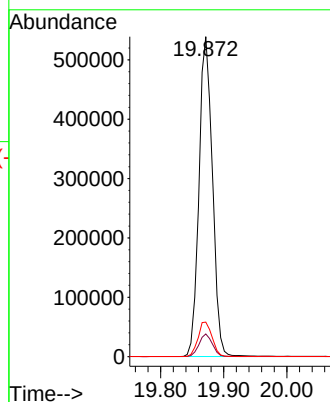
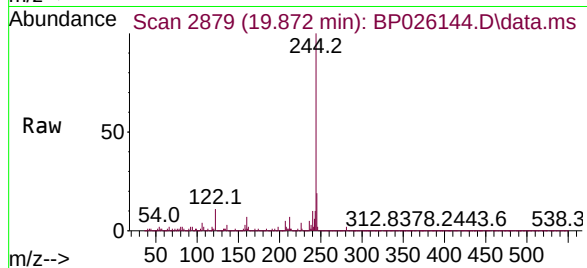




#79
Terphenyl-d14
Concen: 10.439 ng
RT: 19.872 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

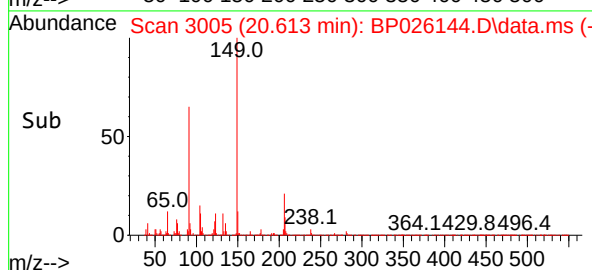
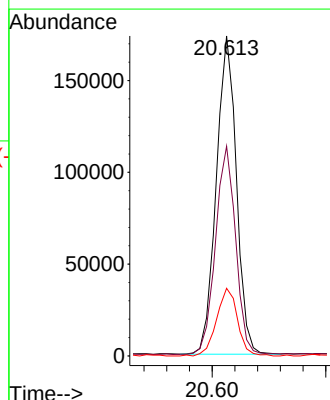
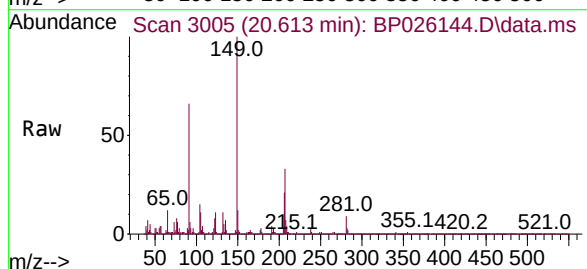
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

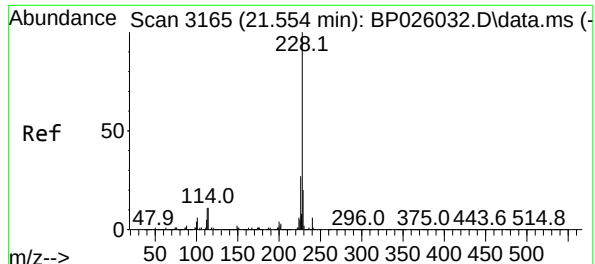
Tgt Ion:244 Resp: 798858
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 10.8 8.2 12.2



#80
Butylbenzylphthalate
Concen: 6.092 ng
RT: 20.613 min Scan# 3005
Delta R.T. 0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:149 Resp: 212828
Ion Ratio Lower Upper
149 100
91 65.5 52.6 79.0
206 21.1 16.9 25.3

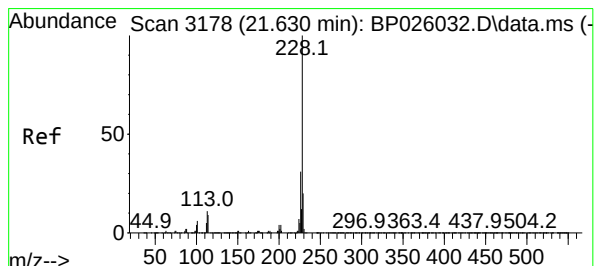
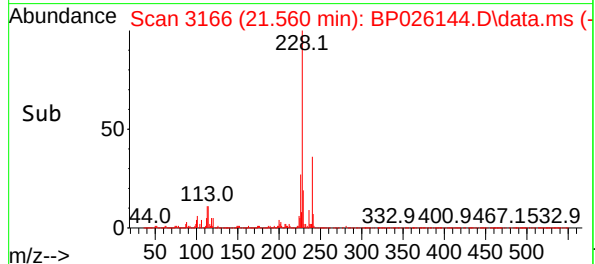
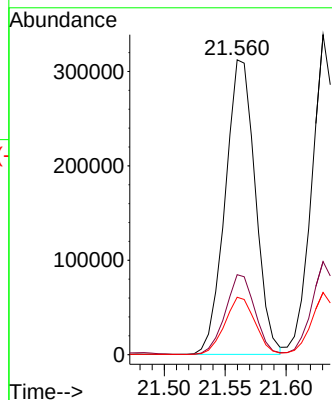
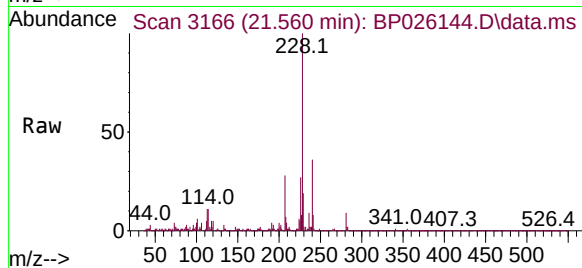




#81
Benzo(a)anthracene
Concen: 5.028 ng
RT: 21.560 min Scan# 3166
Delta R.T. 0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

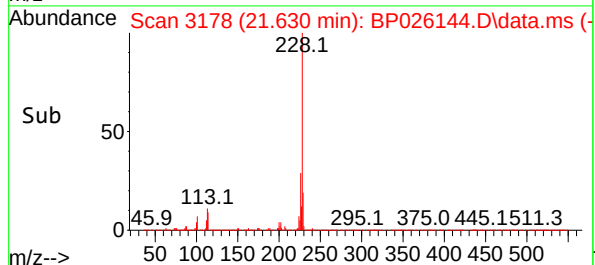
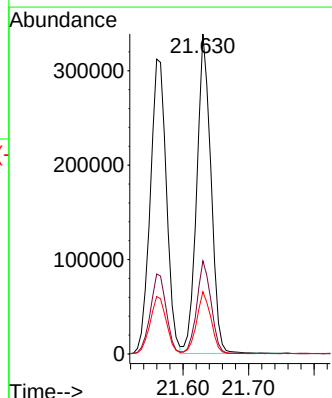
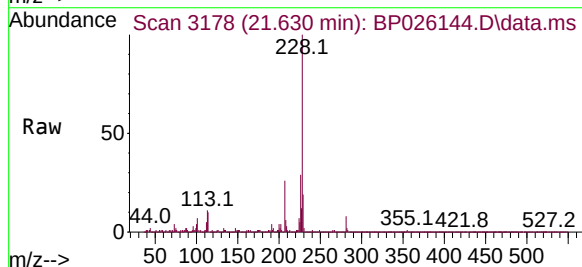
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

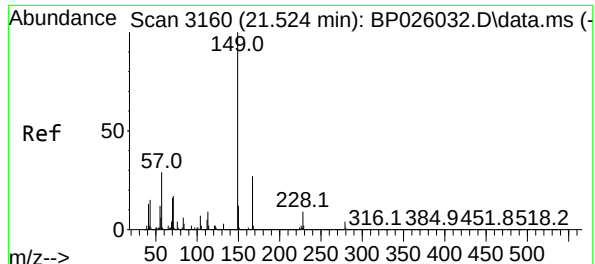
Tgt Ion:228 Resp: 535793
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 19.5 15.9 23.9



#83
Chrysene
Concen: 5.012 ng
RT: 21.630 min Scan# 3178
Delta R.T. 0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:228 Resp: 506265
Ion Ratio Lower Upper
228 100
226 29.1 23.9 35.9
229 19.4 15.9 23.9

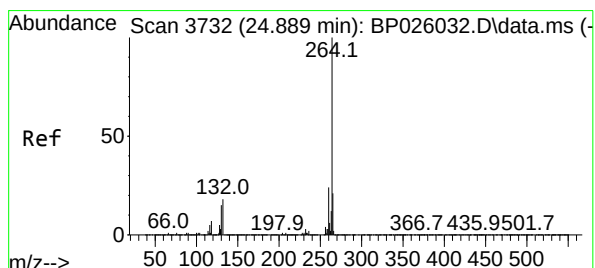
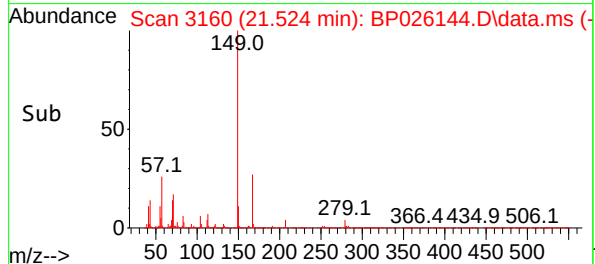
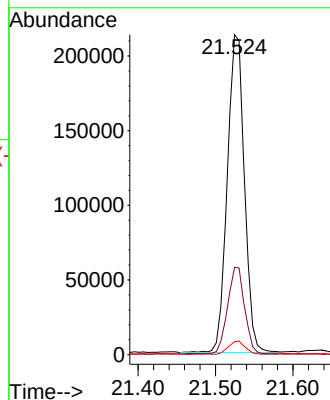
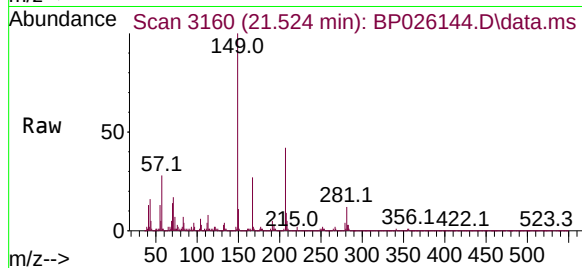




#84
Bis(2-ethylhexyl)phthalate
Concen: 5.749 ng
RT: 21.524 min Scan# 3160
Delta R.T. 0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

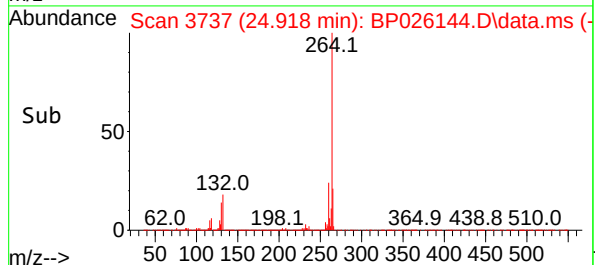
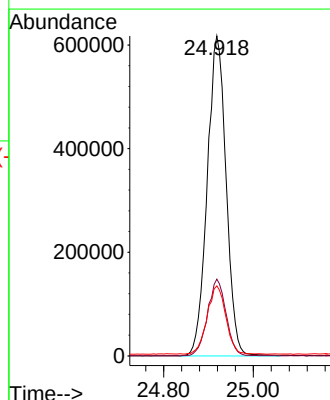
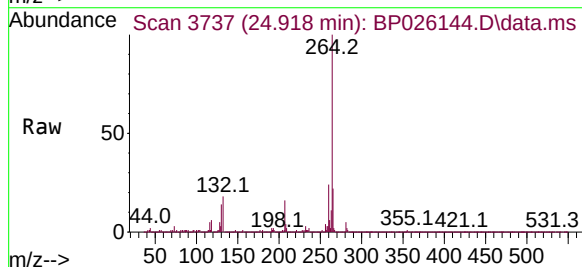
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

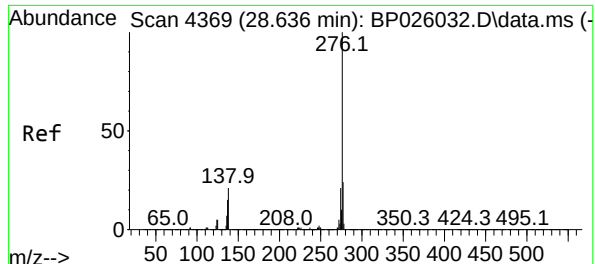
Tgt Ion:149 Resp: 328471
Ion Ratio Lower Upper
149 100
167 27.3 22.1 33.1
279 4.1 3.3 4.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.918 min Scan# 3737
Delta R.T. 0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:264 Resp: 1801943
Ion Ratio Lower Upper
264 100
260 24.0 18.7 28.1
265 21.9 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.913 ng

RT: 28.677 min Scan# 4369

Delta R.T. -0.029 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

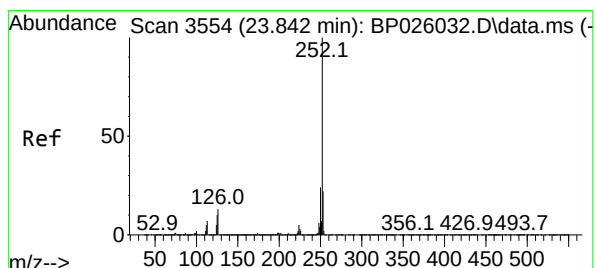
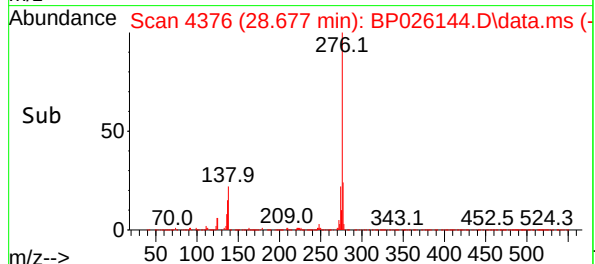
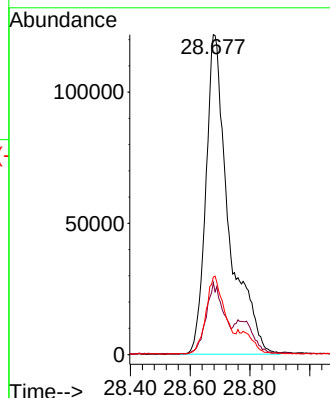
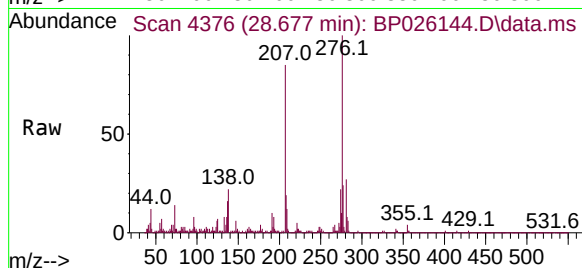
Tgt Ion:276 Resp: 649473

Ion Ratio Lower Upper

276 100

138 17.0 13.8 20.8

277 20.2 16.7 25.1



#88

Benzo(b)fluoranthene

Concen: 4.848 ng

RT: 23.854 min Scan# 3556

Delta R.T. -0.012 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

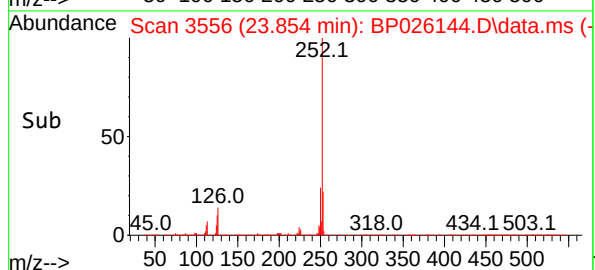
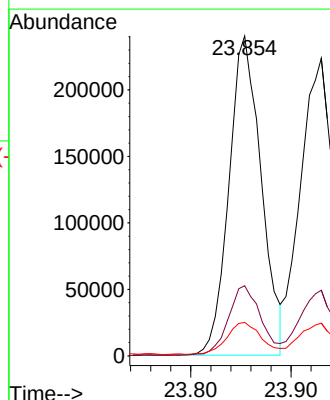
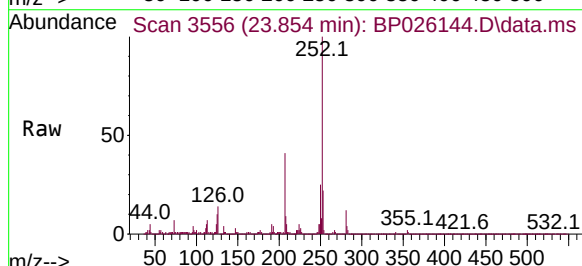
Tgt Ion:252 Resp: 535938

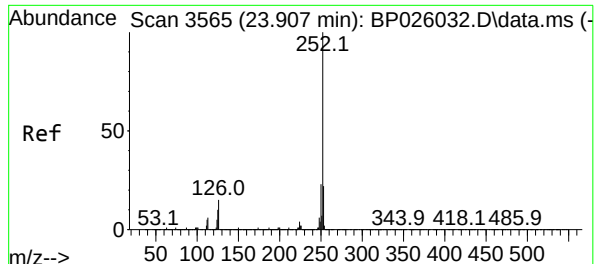
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 10.5 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 4.807 ng

RT: 23.930 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

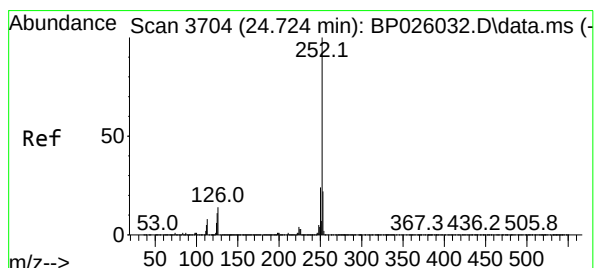
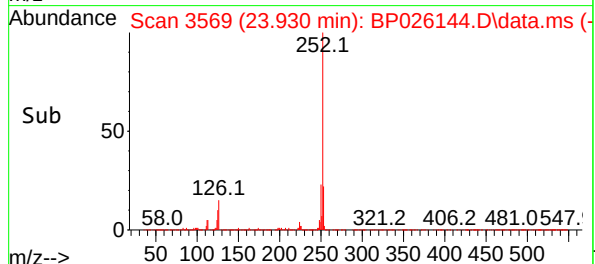
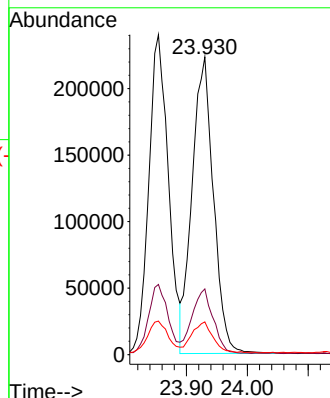
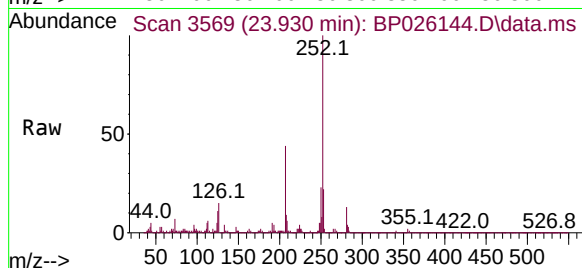
Tgt Ion:252 Resp: 543312

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 11.0 7.5 11.3



#90

Benzo(a)pyrene

Concen: 4.939 ng

RT: 24.754 min Scan# 3709

Delta R.T. 0.000 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

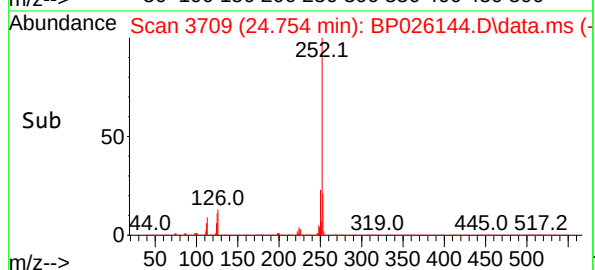
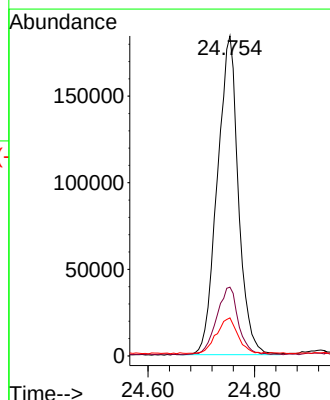
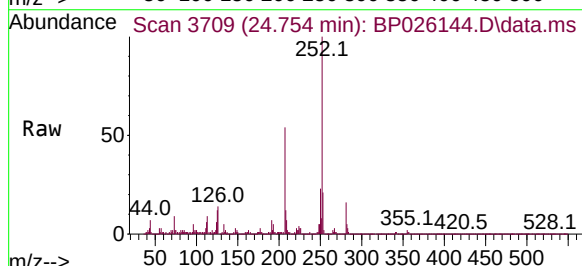
Tgt Ion:252 Resp: 504836

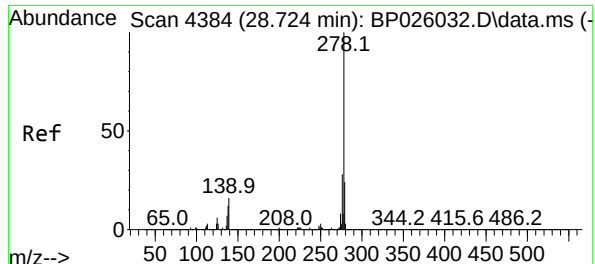
Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.2

125 11.9 9.0 13.6

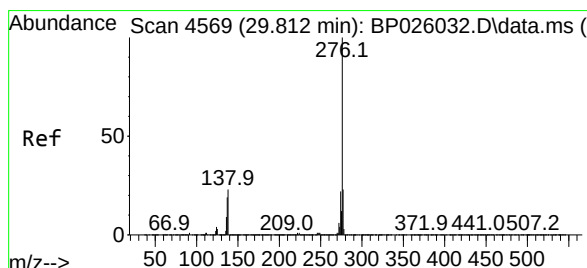
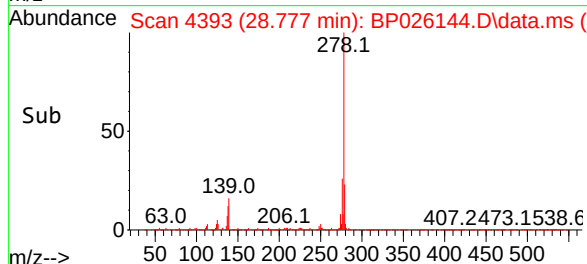
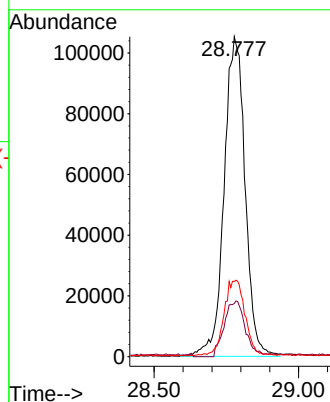
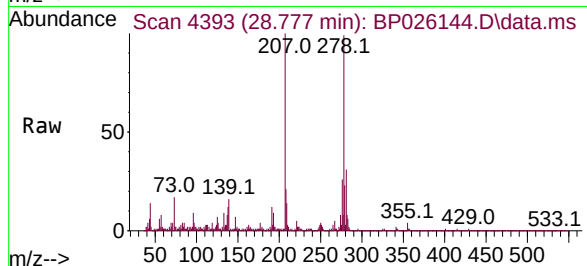




#91
Dibenzo(a,h)anthracene
Concen: 4.920 ng
RT: 28.777 min Scan# 4384
Delta R.T. -0.017 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

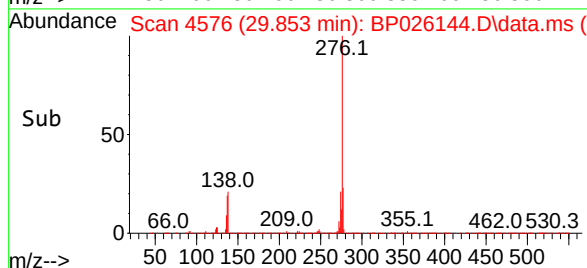
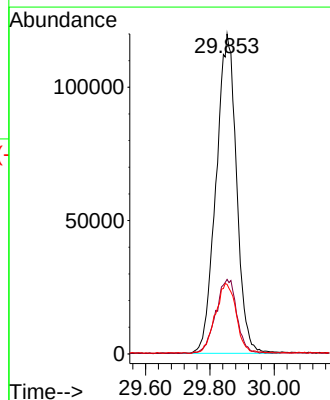
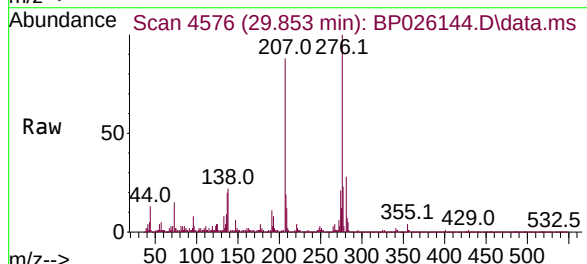
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:278 Resp: 530340
Ion Ratio Lower Upper
278 100
139 16.6 13.2 19.8
279 23.5 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 5.083 ng
RT: 29.853 min Scan# 4576
Delta R.T. -0.029 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:276 Resp: 529220
Ion Ratio Lower Upper
276 100
277 23.3 18.8 28.2
138 21.7 17.8 26.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
 Data File : BP026145.D
 Acq On : 18 Nov 2025 15:54
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC010

Quant Time: Nov 19 00:39:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 00:37:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.672	152	248452	20.000	ng	0.00
21) Naphthalene-d8	10.437	136	980614	20.000	ng	-0.01
39) Acenaphthene-d10	14.313	164	630488	20.000	ng	-0.01
64) Phenanthrene-d10	17.125	188	1297120	20.000	ng	0.00
76) Chrysene-d12	21.572	240	1508224	20.000	ng	0.00
86) Perylene-d12	24.918	264	1757840	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.290	112	310270	20.603	ng	0.00
7) Phenol-d6	6.849	99	388699	20.348	ng	0.00
23) Nitrobenzene-d5	8.808	82	349731	22.067	ng	0.00
42) 2,4,6-Tribromophenol	15.831	330	159702	23.122	ng	0.00
45) 2-Fluorobiphenyl	12.919	172	909238	20.807	ng	-0.01
79) Terphenyl-d14	19.866	244	1563806	21.144	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.225	88	64612	10.226	ng	99
3) Pyridine	3.620	79	181259	10.090	ng	99
4) n-Nitrosodimethylamine	3.525	42	66399	9.326	ng	# 94
6) Aniline	7.002	93	254679	10.001	ng	99
8) 2-Chlorophenol	7.237	128	173633	10.408	ng	98
9) Benzaldehyde	6.819	77	119591	12.428	ng	99
10) Phenol	6.872	94	206001	9.752	ng	98
11) bis(2-Chloroethyl)ether	7.102	93	165713	9.908	ng	97
12) 1,3-Dichlorobenzene	7.561	146	189523	9.947	ng	99
13) 1,4-Dichlorobenzene	7.708	146	192215	9.966	ng	98
14) 1,2-Dichlorobenzene	8.019	146	184124	9.995	ng	100
15) Benzyl Alcohol	7.902	79	133455	9.660	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.190	45	228694	9.130	ng	98
17) 2-Methylphenol	8.108	107	139821	10.067	ng	99
18) Hexachloroethane	8.743	117	69441	10.421	ng	96
19) n-Nitroso-di-n-propyla...	8.460	70	119306	10.077	ng	98
20) 3+4-Methylphenols	8.431	107	190027	9.845	ng	99
22) Acetophenone	8.478	105	255635	10.340	ng	# 99
24) Nitrobenzene	8.849	77	174709	10.525	ng	99
25) Isophorone	9.378	82	339778	10.129	ng	99
26) 2-Nitrophenol	9.555	139	80502	14.210	ng	96
27) 2,4-Dimethylphenol	9.619	122	160115	11.184	ng	99
28) bis(2-Chloroethoxy)met...	9.855	93	215062	10.157	ng	99
29) 2,4-Dichlorophenol	10.090	162	157750	10.558	ng	100
30) 1,2,4-Trichlorobenzene	10.302	180	165087	10.189	ng	100
31) Naphthalene	10.484	128	546001	10.256	ng	99
32) Benzoic acid	9.702	122	102438	11.868	ng	99
33) 4-Chloroaniline	10.590	127	225844	10.919	ng	98
34) Hexachlorobutadiene	10.784	225	106776	10.297	ng	98
35) Caprolactam	11.354	113	55204	10.571	ng	93
36) 4-Chloro-3-methylphenol	11.725	107	167761	10.736	ng	98
37) 2-Methylnaphthalene	12.101	142	387952	10.423	ng	99
38) 1-Methylnaphthalene	12.325	142	376177	10.395	ng	98
40) 1,2,4,5-Tetrachloroben...	12.472	216	192367	9.860	ng	100
41) Hexachlorocyclopentadiene	12.460	237	109280	13.468	ng	100
43) 2,4,6-Trichlorophenol	12.713	196	127331	10.910	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
 Data File : BP026145.D
 Acq On : 18 Nov 2025 15:54
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

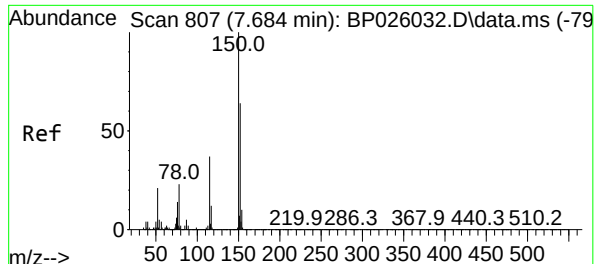
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC010

Quant Time: Nov 19 00:39:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 00:37:08 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.790	196	143128	10.794	ng	98
46) 1,1'-Biphenyl	13.125	154	485448	10.101	ng	99
47) 2-Chloronaphthalene	13.166	162	382981	10.136	ng	99
48) 2-Nitroaniline	13.366	65	97829	11.256	ng	93
49) Acenaphthylene	14.025	152	626312	11.215	ng	99
50) Dimethylphthalate	13.760	163	478267	10.476	ng	99
51) 2,6-Dinitrotoluene	13.872	165	84028	10.948	ng	90
52) Acenaphthene	14.378	154	372613	9.972	ng	99
53) 3-Nitroaniline	14.207	138	103894	11.189	ng #	94
54) 2,4-Dinitrophenol	14.413	184	38962	11.062	ng #	89
55) Dibenzofuran	14.719	168	577473	10.148	ng	98
56) 4-Nitrophenol	14.531	139	91274	9.876	ng	92
57) 2,4-Dinitrotoluene	14.678	165	128442	11.467	ng	100
58) Fluorene	15.384	166	469782	10.507	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.954	232	123375	11.749	ng	99
60) Diethylphthalate	15.154	149	475038	10.343	ng	99
61) 4-Chlorophenyl-phenyle...	15.384	204	226085	10.144	ng	97
62) 4-Nitroaniline	15.390	138	113144	11.490	ng	98
63) Azobenzene	15.684	77	402256	9.741	ng	100
65) 4,6-Dinitro-2-methylph...	15.454	198	64177	11.592	ng	93
66) n-Nitrosodiphenylamine	15.595	169	415043	10.270	ng	99
67) 4-Bromophenyl-phenylether	16.301	248	142168	9.873	ng	98
68) Hexachlorobenzene	16.413	284	168597	10.292	ng	100
69) Atrazine	16.584	200	150203	10.842	ng	98
70) Pentachlorophenol	16.766	266	109980	10.777	ng	100
71) Phenanthrene	17.166	178	764343	10.200	ng	99
72) Anthracene	17.260	178	774553	10.360	ng	100
73) Carbazole	17.536	167	763690	10.854	ng	99
74) Di-n-butylphthalate	18.154	149	836819	10.517	ng	99
75) Fluoranthene	19.260	202	949438	10.812	ng	100
77) Benzidine	19.460	184	547975	13.836	ng	99
78) Pyrene	19.642	202	994219	9.871	ng	100
80) Butylbenzylphthalate	20.607	149	416294	12.328	ng	98
81) Benzo(a)anthracene	21.554	228	1056422	10.258	ng	99
82) 3,3'-Dichlorobenzidine	21.483	252	386780	11.403	ng	99
83) Chrysene	21.619	228	1007569	10.321	ng	100
84) Bis(2-ethylhexyl)phtha...	21.519	149	622482	11.273	ng	100
85) Di-n-octyl phthalate	22.807	149	1066561	11.335	ng	99
87) Indeno(1,2,3-cd)pyrene	28.706	276	1303884	10.110	ng	99
88) Benzo(b)fluoranthene	23.871	252	1077584	9.993	ng	100
89) Benzo(k)fluoranthene	23.936	252	1079191	9.789	ng	98
90) Benzo(a)pyrene	24.754	252	1013571	10.165	ng	99
91) Dibenzo(a,h)anthracene	28.777	278	1072192	10.197	ng	99
92) Benzo(g,h,i)perylene	29.865	276	1080830	10.641	ng	99

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

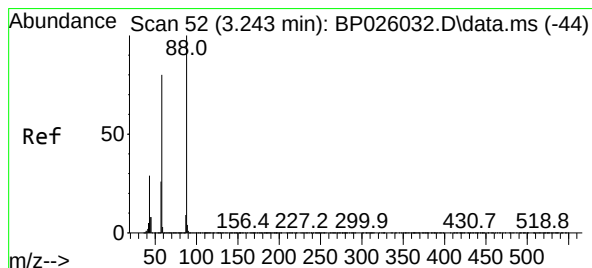
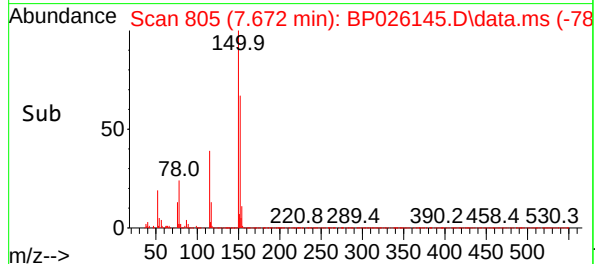
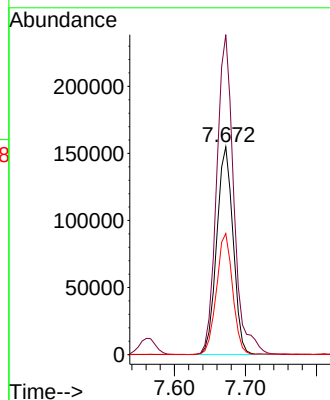
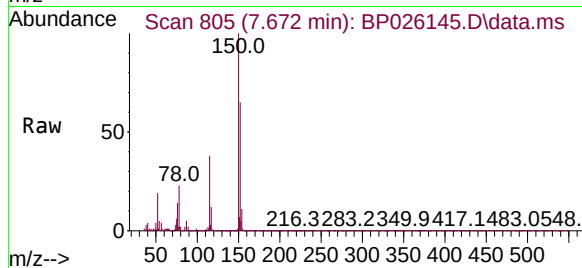
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.672 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

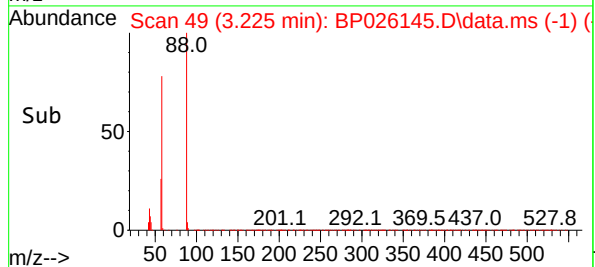
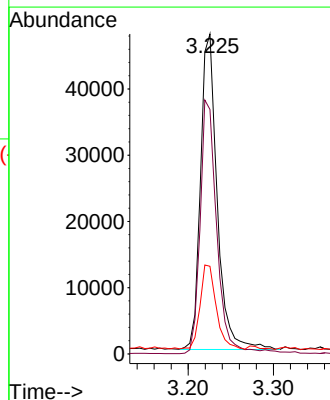
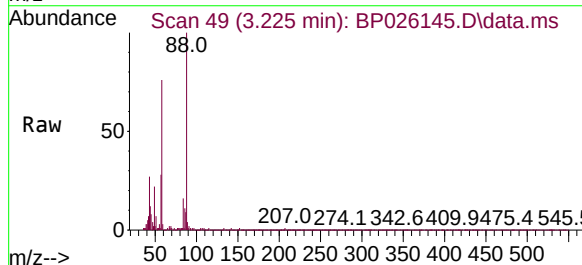
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

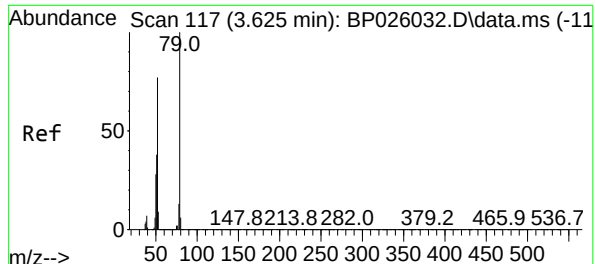
Tgt Ion:152 Resp: 248452
Ion Ratio Lower Upper
152 100
150 154.0 123.0 184.6
115 58.2 46.3 69.5



#2
1,4-Dioxane
Concen: 10.226 ng
RT: 3.225 min Scan# 49
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion: 88 Resp: 64612
Ion Ratio Lower Upper
88 100
58 81.1 64.2 96.4
43 25.7 21.5 32.3





#3

Pyridine

Concen: 10.090 ng

RT: 3.620 min Scan# 11

Delta R.T. 0.006 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

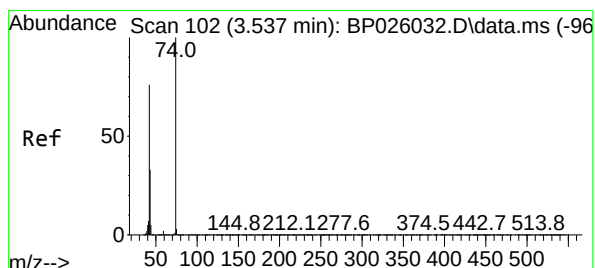
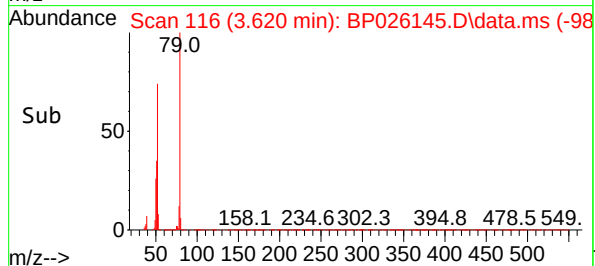
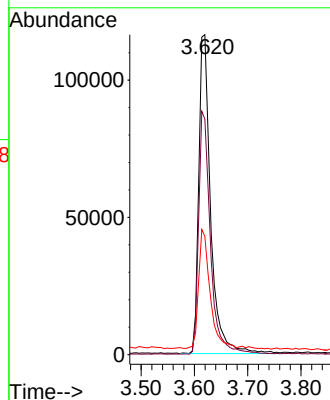
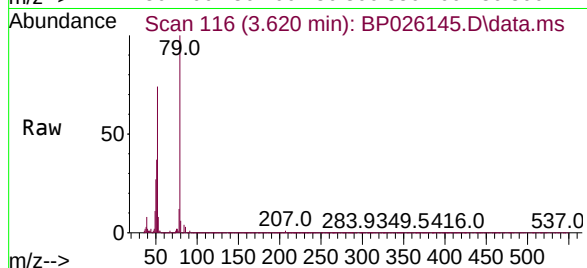
Tgt Ion: 79 Resp: 181259

Ion Ratio Lower Upper

79 100

52 73.6 60.2 90.2

51 37.0 29.5 44.3



#4

n-Nitrosodimethylamine

Concen: 9.326 ng

RT: 3.525 min Scan# 100

Delta R.T. 0.000 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

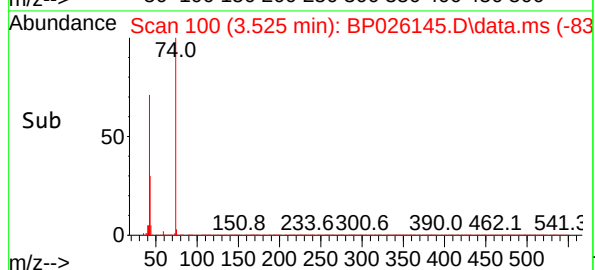
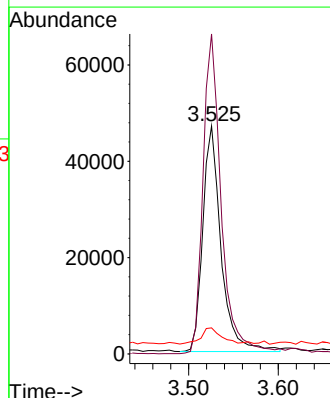
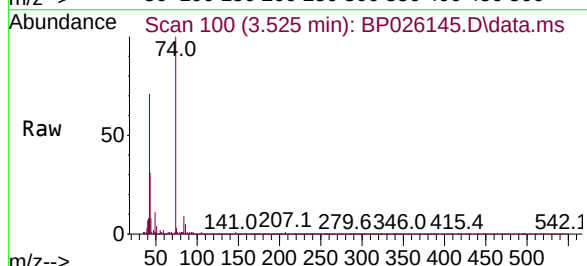
Tgt Ion: 42 Resp: 66399

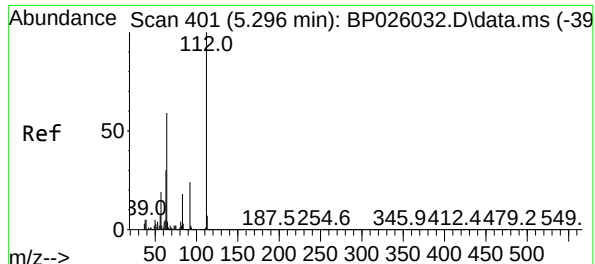
Ion Ratio Lower Upper

42 100

74 140.4 118.1 177.1

44 11.4 6.2 9.4#

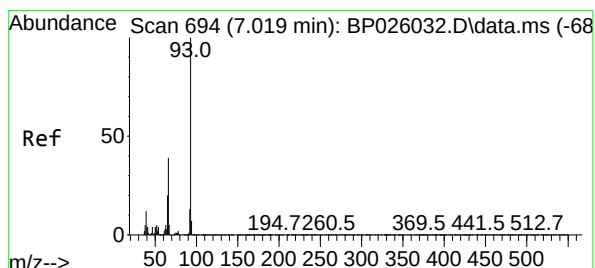
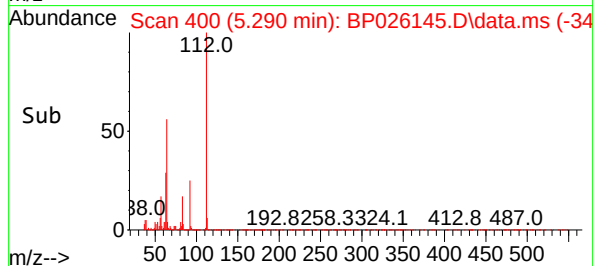
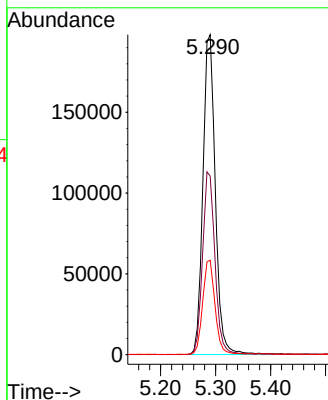
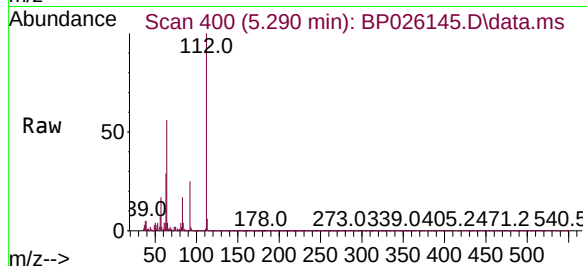




#5
2-Fluorophenol
Concen: 20.603 ng
RT: 5.290 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

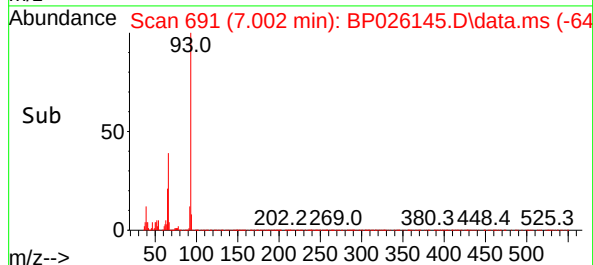
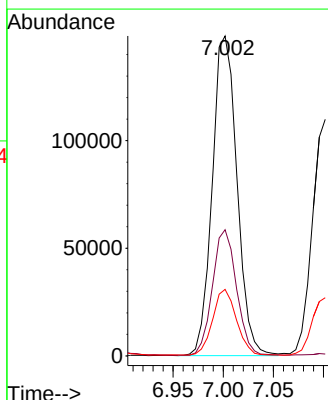
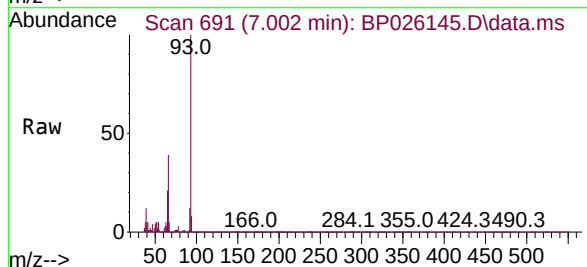
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

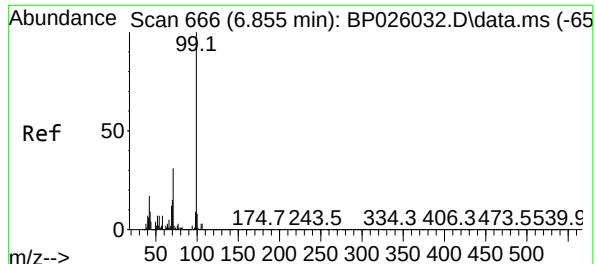
Tgt Ion:112 Resp: 310270
Ion Ratio Lower Upper
112 100
64 55.8 45.8 68.6
63 29.5 23.5 35.3



#6
Aniline
Concen: 10.001 ng
RT: 7.002 min Scan# 691
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion: 93 Resp: 254679
Ion Ratio Lower Upper
93 100
66 39.4 31.7 47.5
65 20.8 15.8 23.6





#7

Phenol-d6

Concen: 20.348 ng

RT: 6.849 min Scan# 60

Delta R.T. -0.006 min

Lab File: BP026145.D

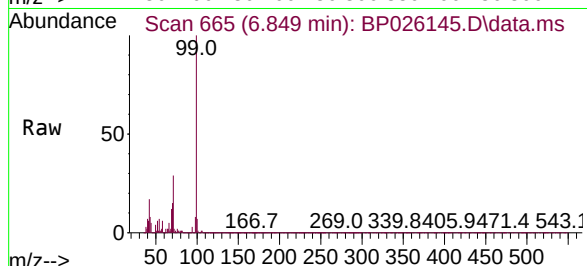
Acq: 18 Nov 2025 15:54

Instrument :

BNA_P

ClientSampleId :

SSTDICC010



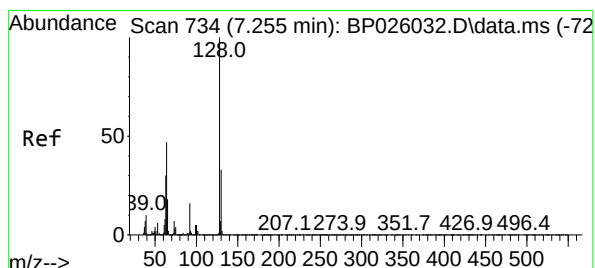
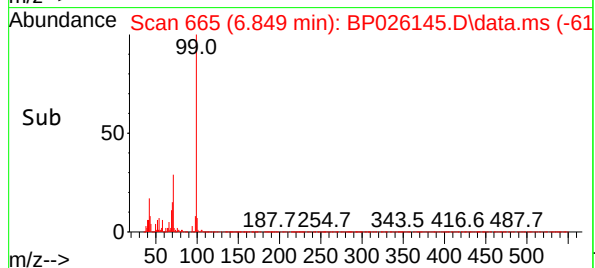
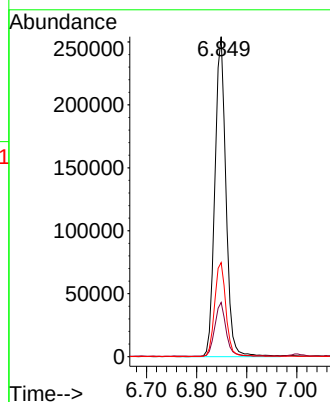
Tgt Ion: 99 Resp: 388699

Ion Ratio Lower Upper

99 100

42 16.9 12.9 19.3

71 29.4 24.8 37.2



#8

2-Chlorophenol

Concen: 10.408 ng

RT: 7.237 min Scan# 731

Delta R.T. -0.006 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

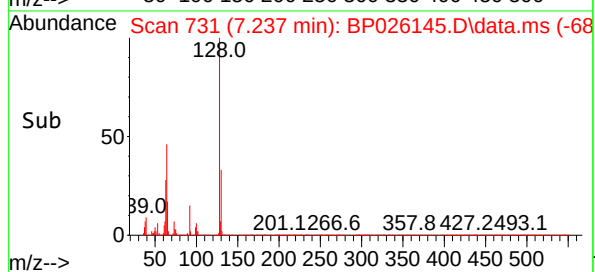
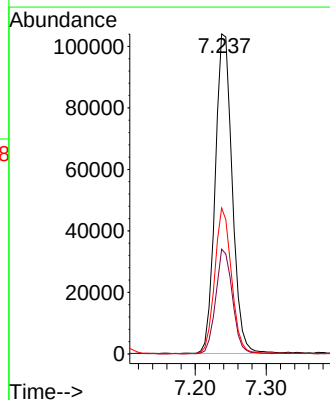
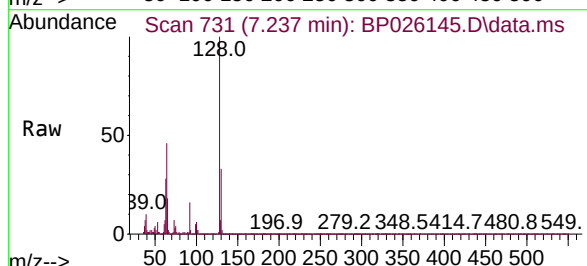
Tgt Ion:128 Resp: 173633

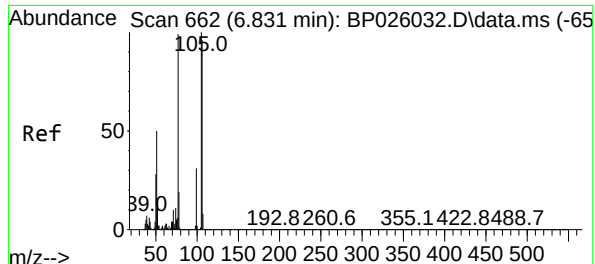
Ion Ratio Lower Upper

128 100

130 32.7 12.4 52.4

64 45.6 23.9 63.9

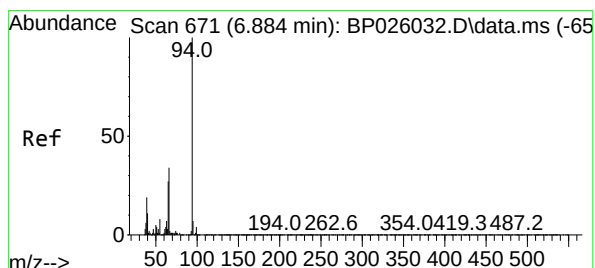
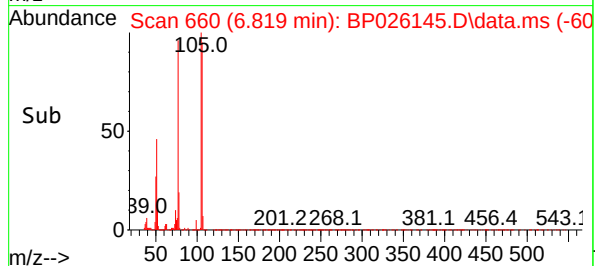
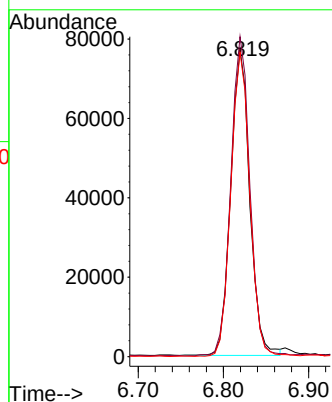
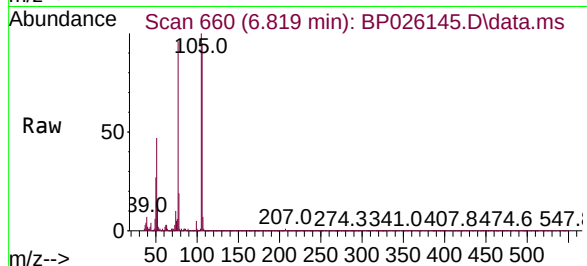




#9
Benzaldehyde
Concen: 12.428 ng
RT: 6.819 min Scan# 660
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

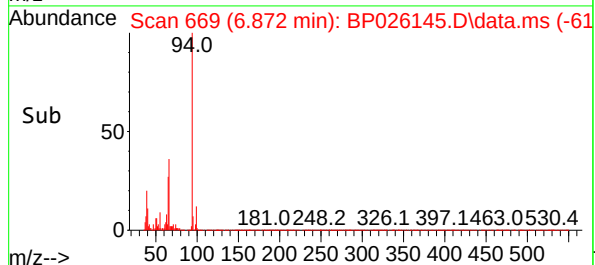
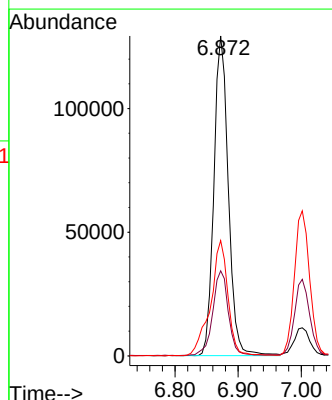
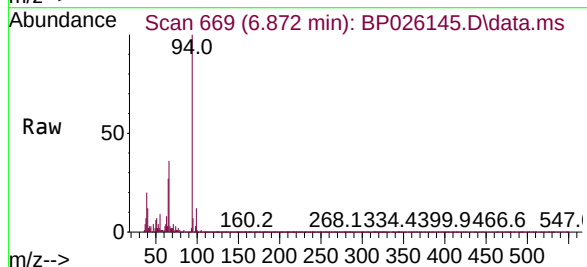
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

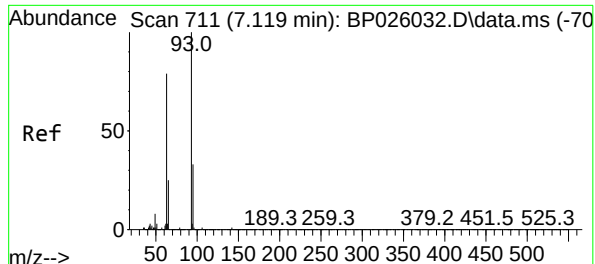
Tgt Ion: 77 Resp: 119591
Ion Ratio Lower Upper
77 100
105 104.1 82.9 122.9
106 99.0 77.8 117.8



#10
Phenol
Concen: 9.752 ng
RT: 6.872 min Scan# 669
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion: 94 Resp: 206001
Ion Ratio Lower Upper
94 100
65 26.6 7.0 47.0
66 36.0 14.5 54.5





#11

bis(2-Chloroethyl)ether

Concen: 9.908 ng

RT: 7.102 min Scan# 70

Delta R.T. 0.006 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

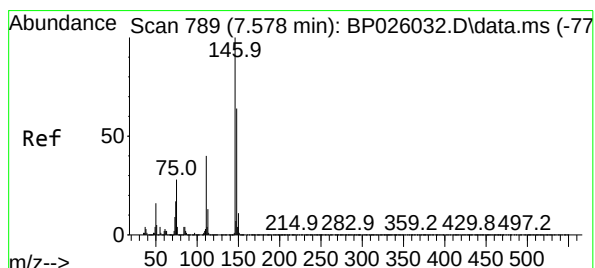
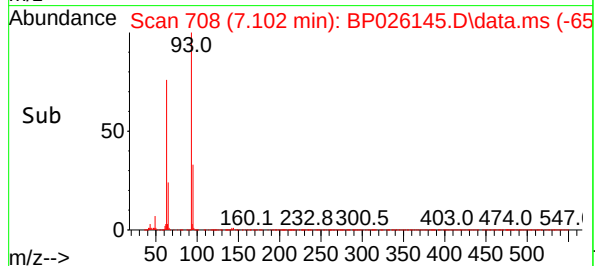
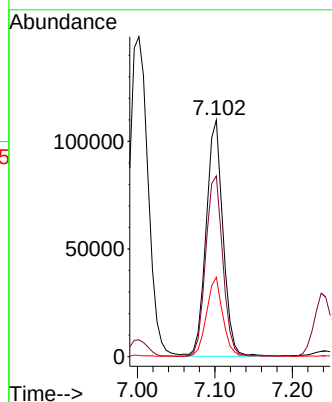
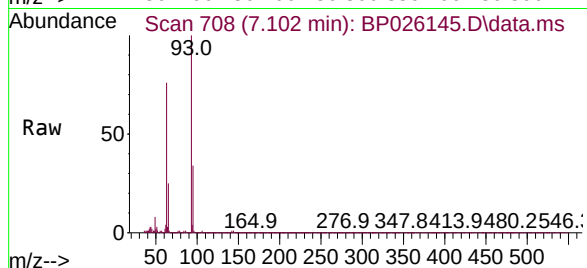
Tgt Ion: 93 Resp: 165713

Ion Ratio Lower Upper

93 100

63 76.4 58.8 98.8

95 33.6 12.1 52.1



#12

1,3-Dichlorobenzene

Concen: 9.947 ng

RT: 7.561 min Scan# 786

Delta R.T. -0.006 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

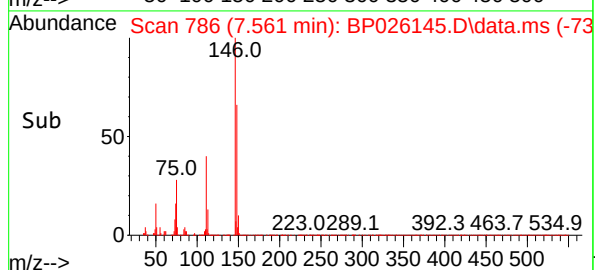
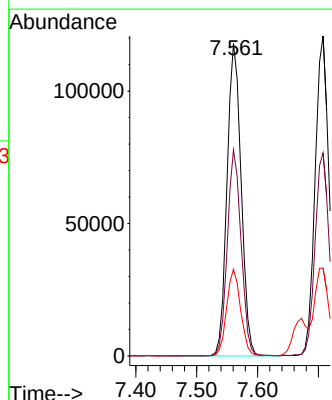
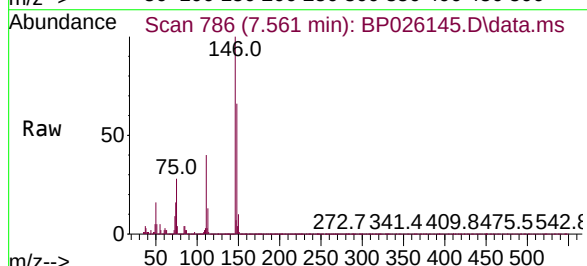
Tgt Ion: 146 Resp: 189523

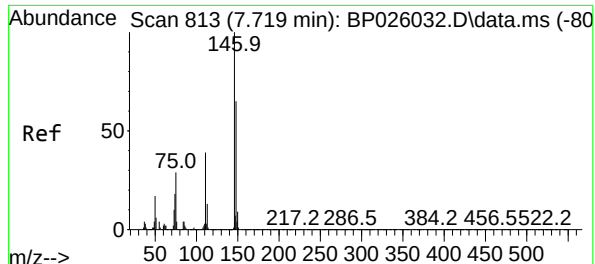
Ion Ratio Lower Upper

146 100

148 66.0 51.8 77.8

75 27.7 22.2 33.2





#13

1,4-Dichlorobenzene

Concen: 9.966 ng

RT: 7.708 min Scan# 81

Delta R.T. 0.006 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

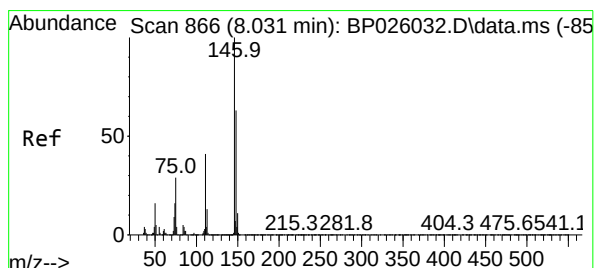
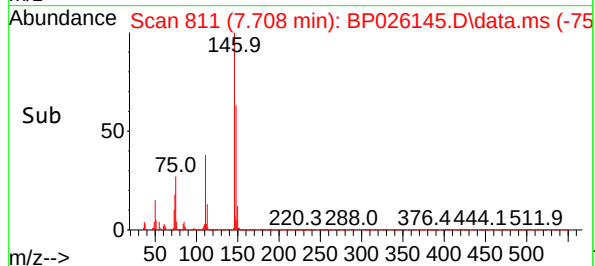
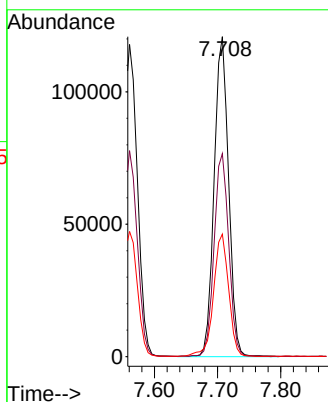
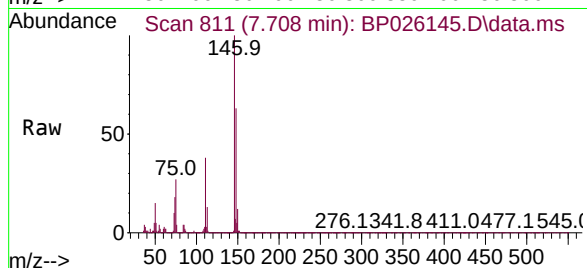
Tgt Ion:146 Resp: 192215

Ion Ratio Lower Upper

146 100

148 63.4 51.4 77.2

111 38.3 31.7 47.5



#14

1,2-Dichlorobenzene

Concen: 9.995 ng

RT: 8.019 min Scan# 864

Delta R.T. 0.006 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

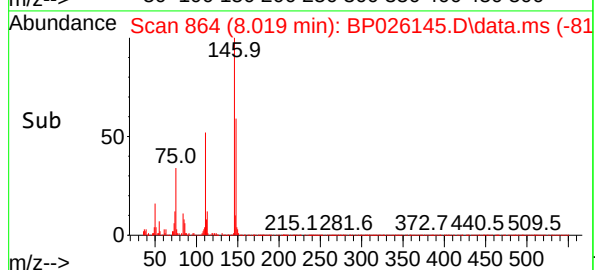
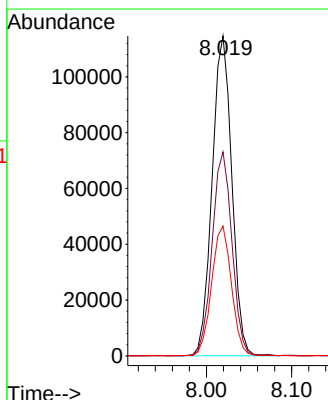
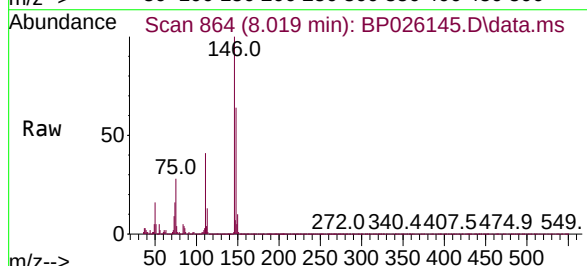
Tgt Ion:146 Resp: 184124

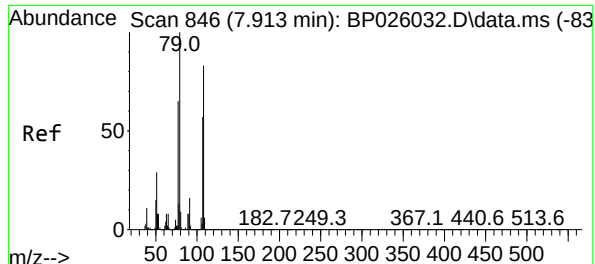
Ion Ratio Lower Upper

146 100

148 63.7 51.0 76.6

111 40.6 33.0 49.4





#15

Benzyl Alcohol

Concen: 9.660 ng

RT: 7.902 min Scan# 84

Delta R.T. -0.006 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

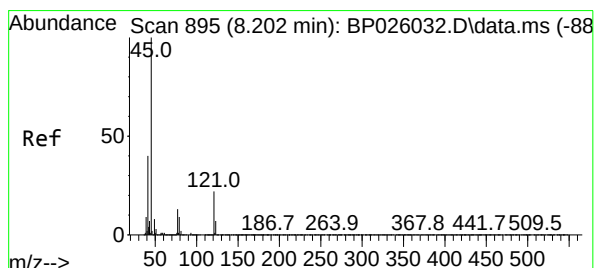
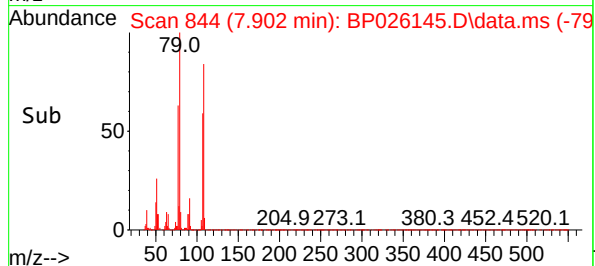
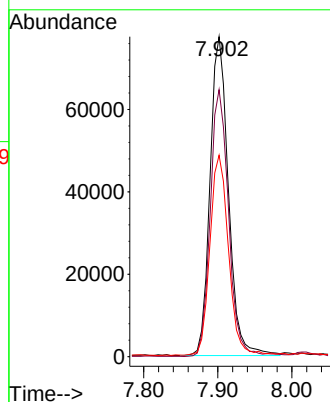
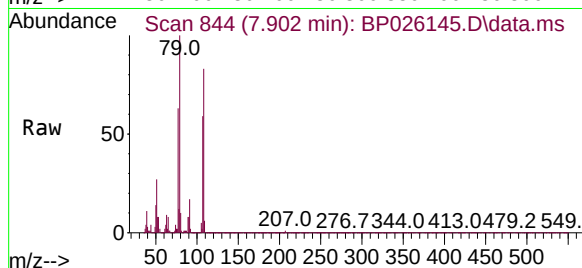
Tgt Ion: 79 Resp: 133455

Ion Ratio Lower Upper

79 100

108 83.4 66.2 99.4

77 62.9 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 9.130 ng

RT: 8.190 min Scan# 893

Delta R.T. -0.006 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

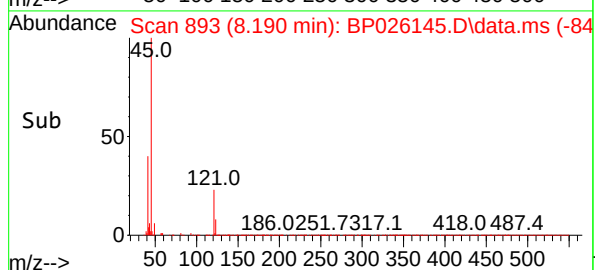
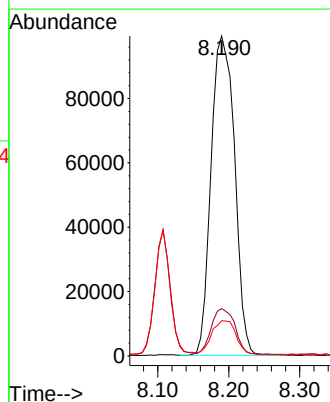
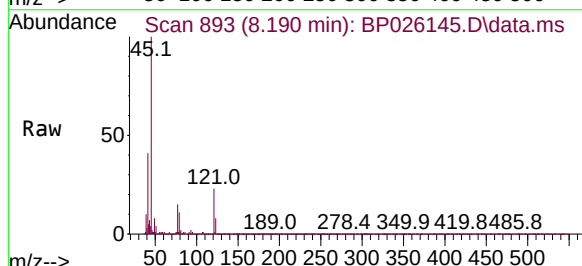
Tgt Ion: 45 Resp: 228694

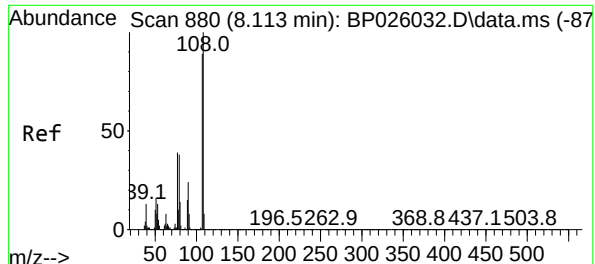
Ion Ratio Lower Upper

45 100

77 14.8 0.0 33.9

79 11.0 0.0 30.4

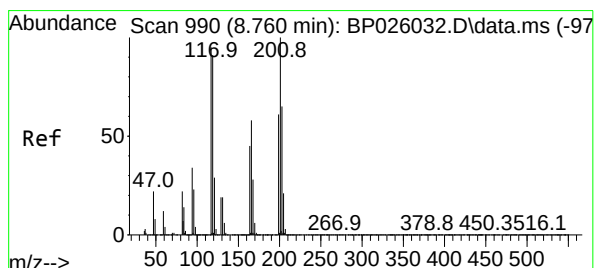
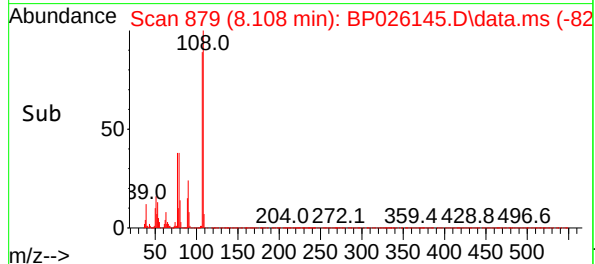
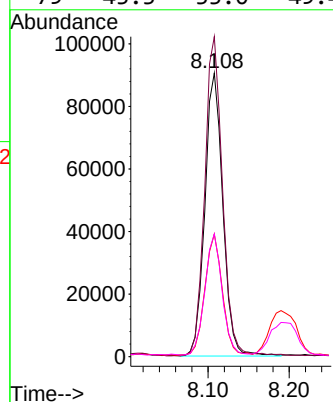
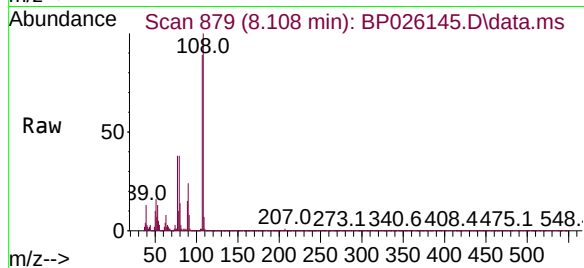




#17
2-Methylphenol
Concen: 10.067 ng
RT: 8.108 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

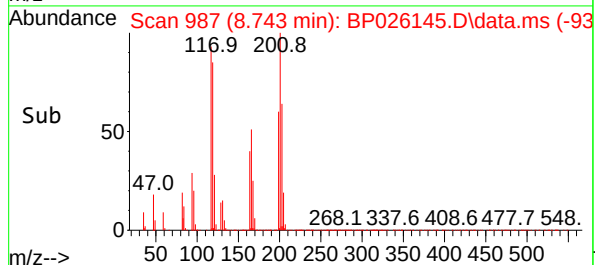
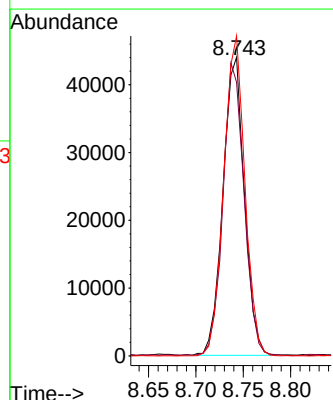
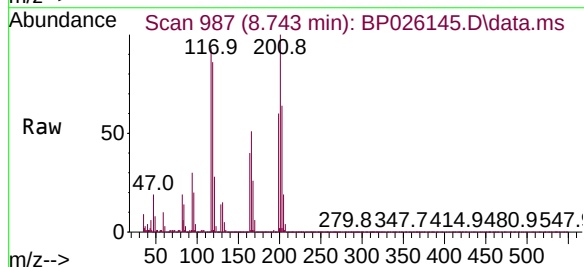
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

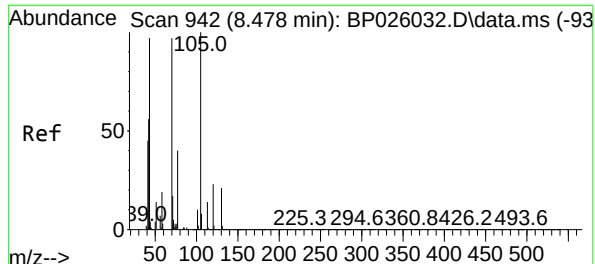
Tgt Ion:107 Resp: 139821
Ion Ratio Lower Upper
107 100
108 112.8 89.7 134.5
77 43.2 33.9 50.9
79 43.3 33.0 49.4



#18
Hexachloroethane
Concen: 10.421 ng
RT: 8.743 min Scan# 987
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:117 Resp: 69441
Ion Ratio Lower Upper
117 100
119 91.6 78.7 118.1
201 107.2 85.1 127.7





#19

n-Nitroso-di-n-propylamine

Concen: 10.077 ng

RT: 8.460 min Scan# 939

Delta R.T. -0.012 min

Lab File: BP026145.D

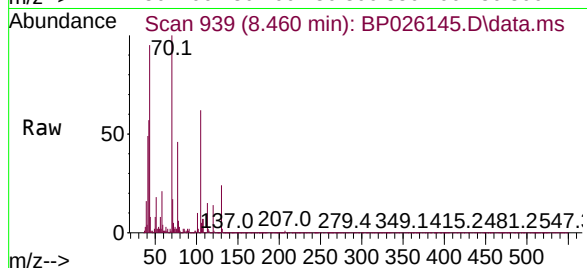
Acq: 18 Nov 2025 15:54

Instrument :

BNA_P

ClientSampleId :

SSTDICC010



Tgt Ion: 70 Resp: 119306

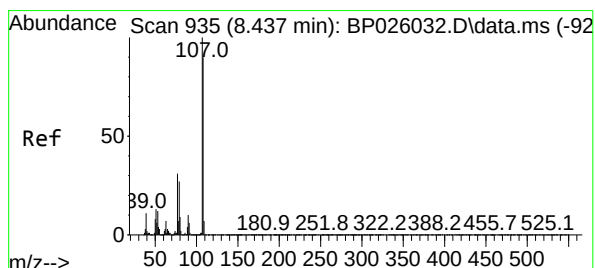
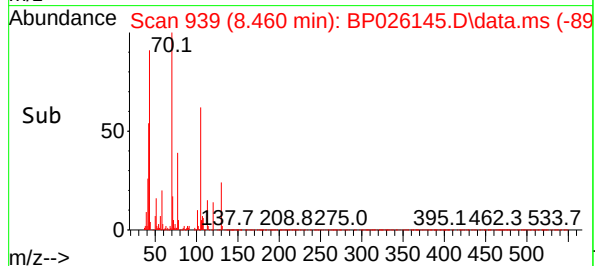
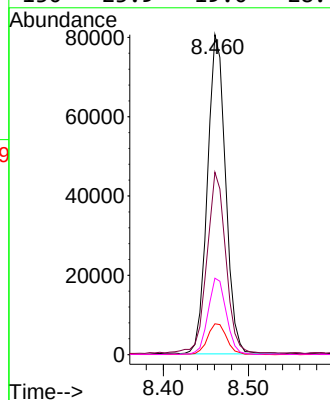
Ion Ratio Lower Upper

70 100

42 57.0 44.1 66.1

101 9.6 8.2 12.4

130 23.9 19.0 28.4



#20

3+4-Methylphenols

Concen: 9.845 ng

RT: 8.431 min Scan# 934

Delta R.T. -0.006 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

Tgt Ion: 107 Resp: 190027

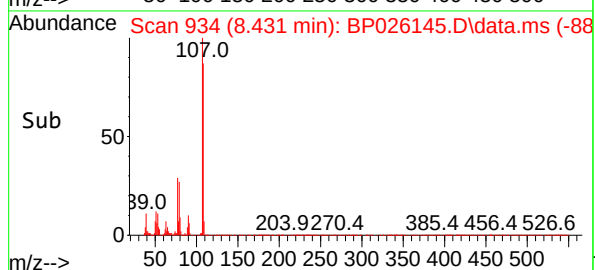
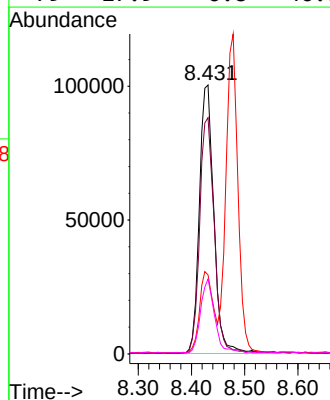
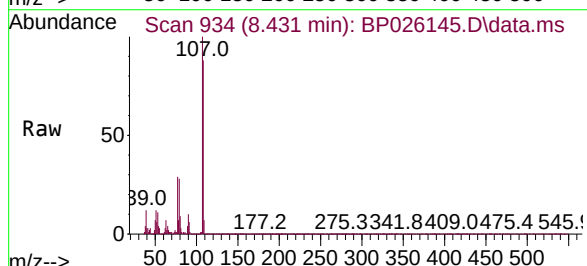
Ion Ratio Lower Upper

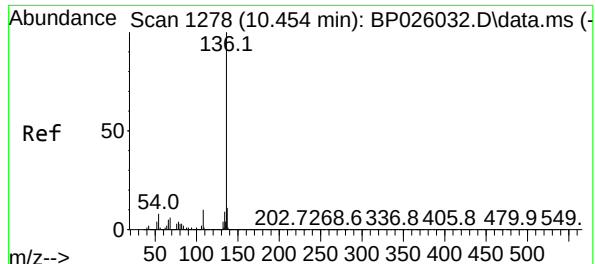
107 100

108 87.9 68.9 108.9

77 29.4 10.4 50.4

79 27.9 6.8 46.8

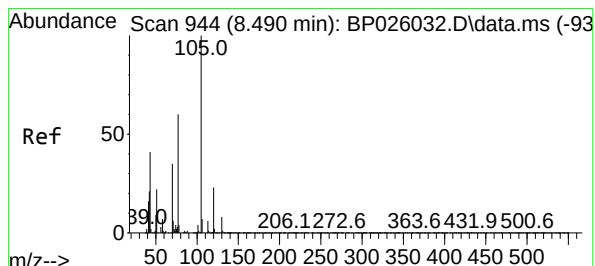
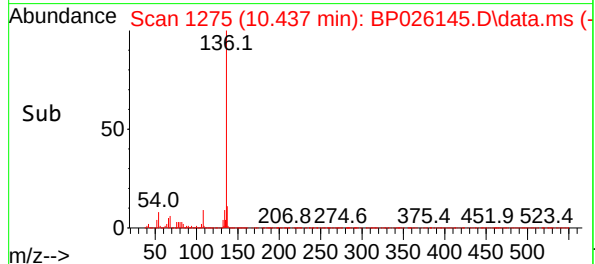
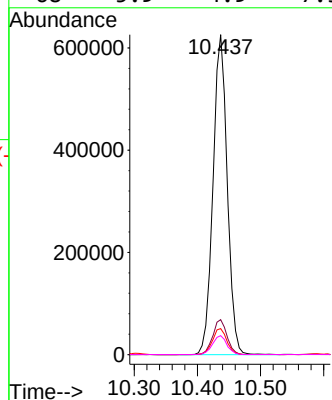
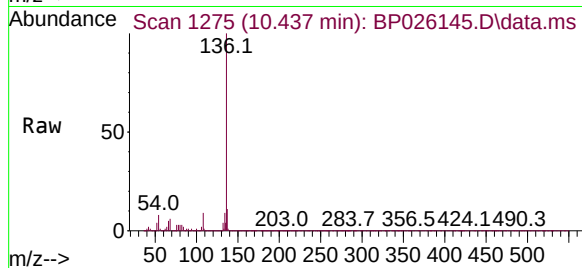




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.437 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

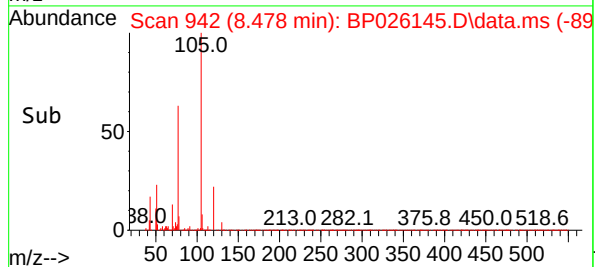
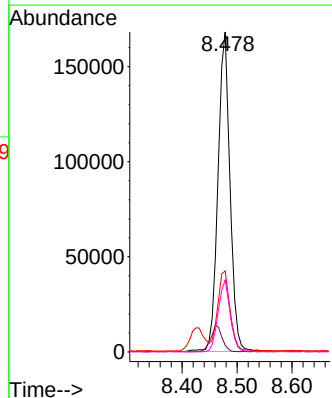
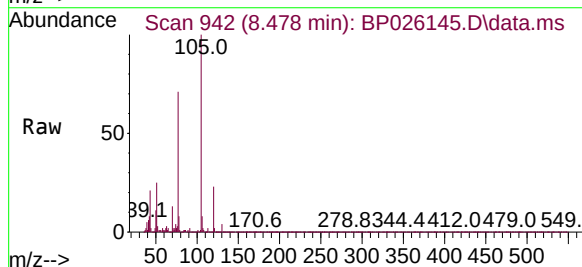
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

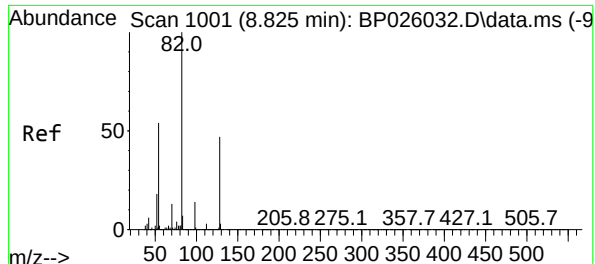
Tgt Ion:	136	Resp:	980614
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	8.1	6.4	9.6
68	5.9	4.9	7.3



#22
Acetophenone
Concen: 10.340 ng
RT: 8.478 min Scan# 942
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:	105	Resp:	255635
Ion	Ratio	Lower	Upper
105	100		
71	2.2	3.0	4.4#
51	25.3	20.5	30.7
120	22.5	18.2	27.2





#23

Nitrobenzene-d5

Concen: 22.067 ng

RT: 8.808 min Scan# 99

Delta R.T. -0.006 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

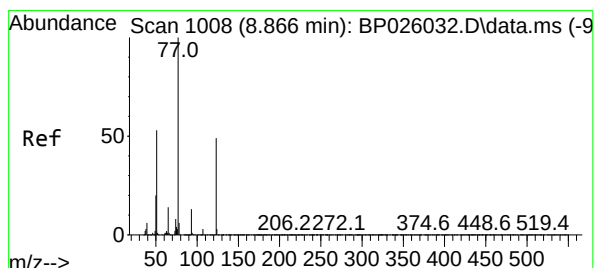
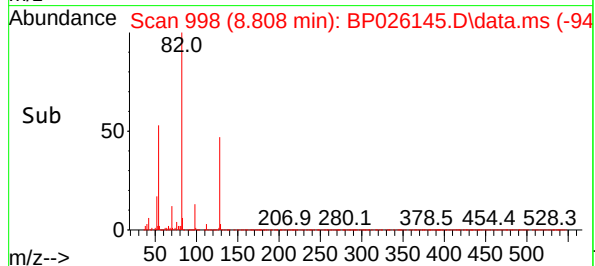
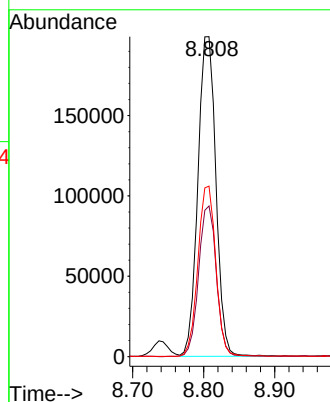
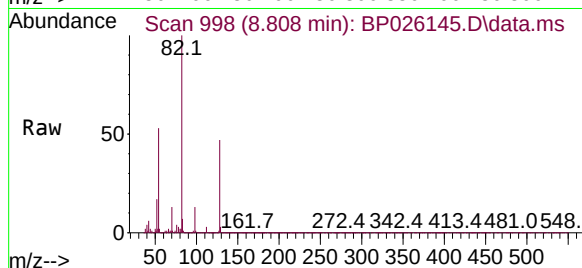
Tgt Ion: 82 Resp: 349731

Ion Ratio Lower Upper

82 100

128 47.1 37.4 56.0

54 53.3 41.6 62.4



#24

Nitrobenzene

Concen: 10.525 ng

RT: 8.849 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

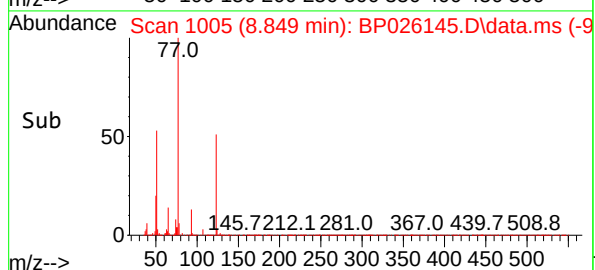
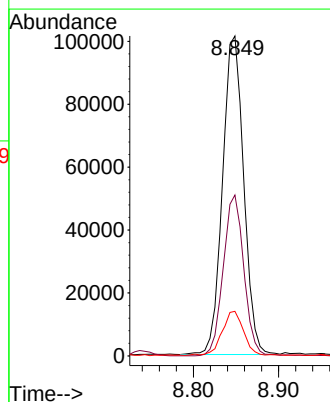
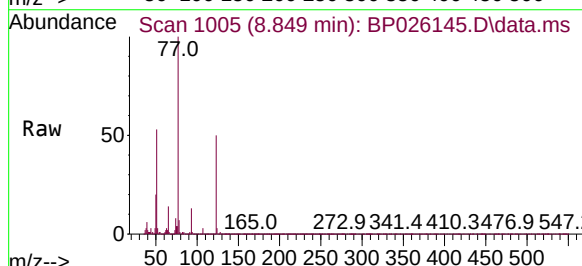
Tgt Ion: 77 Resp: 174709

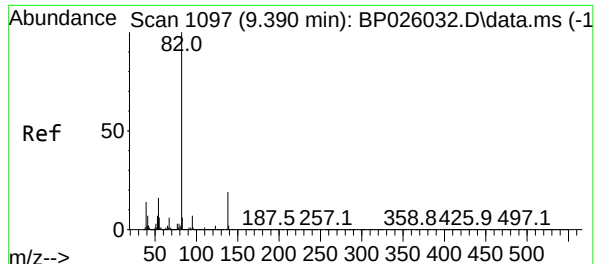
Ion Ratio Lower Upper

77 100

123 50.3 39.8 59.8

65 13.9 11.2 16.8

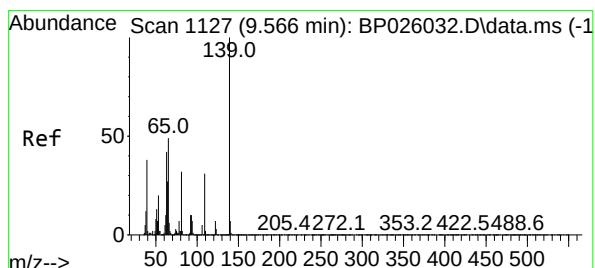
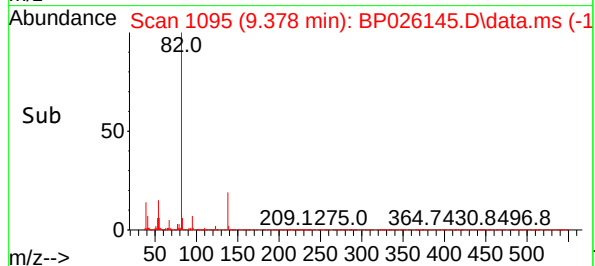
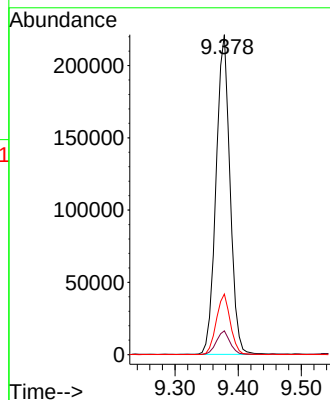
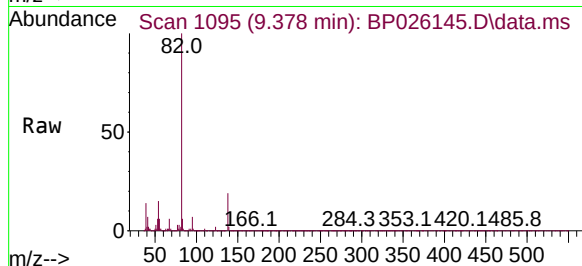




#25
Isophorone
Concen: 10.129 ng
RT: 9.378 min Scan# 1095
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

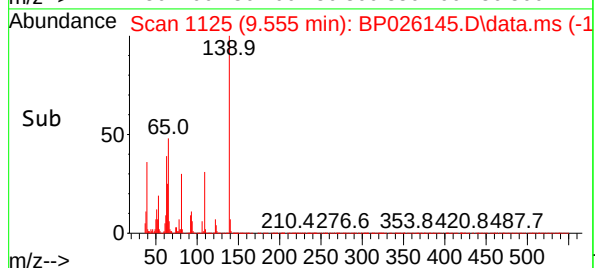
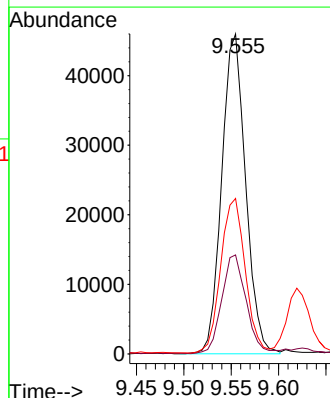
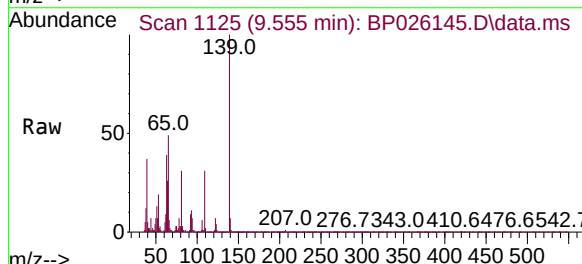
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

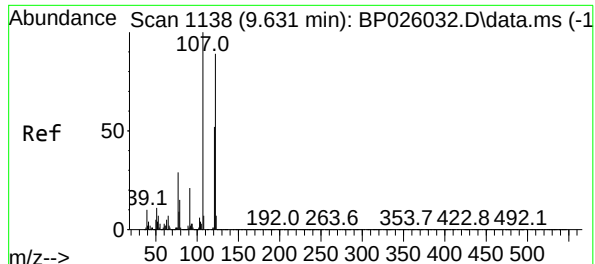
Tgt Ion: 82 Resp: 339778
Ion Ratio Lower Upper
82 100
95 7.4 5.4 8.0
138 18.9 15.4 23.0



#26
2-Nitrophenol
Concen: 14.210 ng
RT: 9.555 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion: 139 Resp: 80502
Ion Ratio Lower Upper
139 100
109 30.9 22.3 33.5
65 48.6 37.2 55.8





#27

2,4-Dimethylphenol

Concen: 11.184 ng

RT: 9.619 min Scan# 1138

Delta R.T. -0.006 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

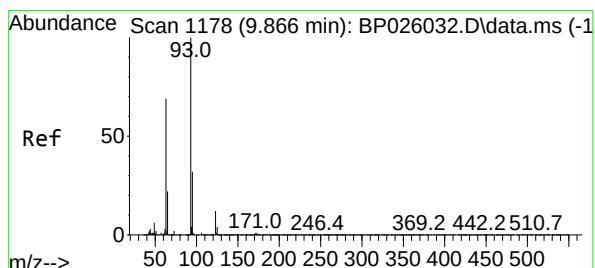
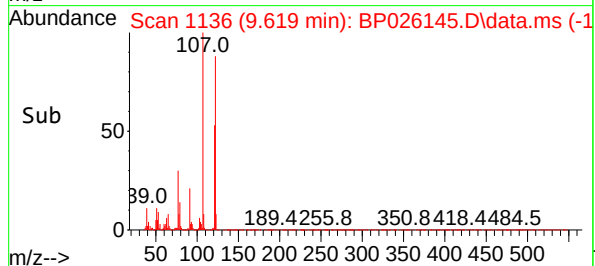
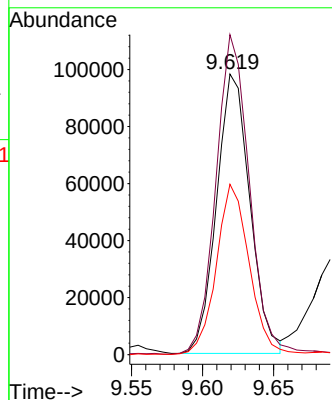
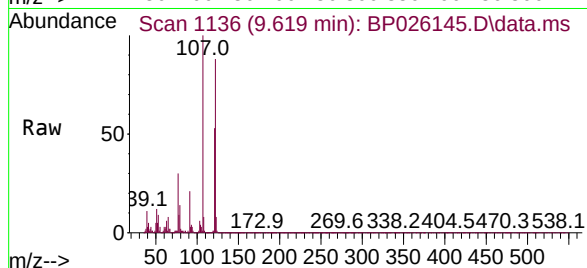
Tgt Ion:122 Resp: 160115

Ion Ratio Lower Upper

122 100

107 114.1 91.0 136.6

121 60.7 47.0 70.6



#28

bis(2-Chloroethoxy)methane

Concen: 10.157 ng

RT: 9.855 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

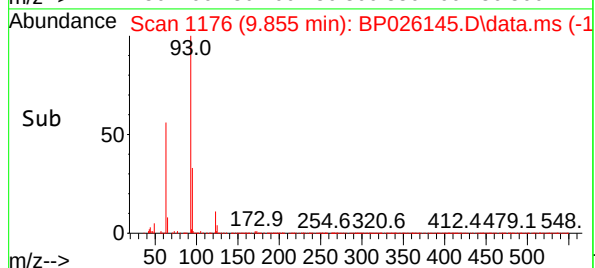
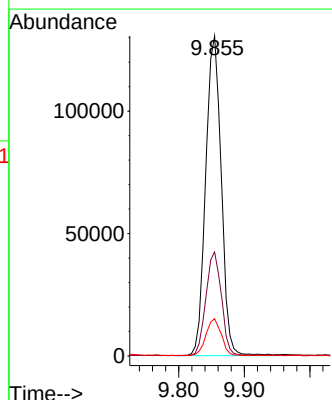
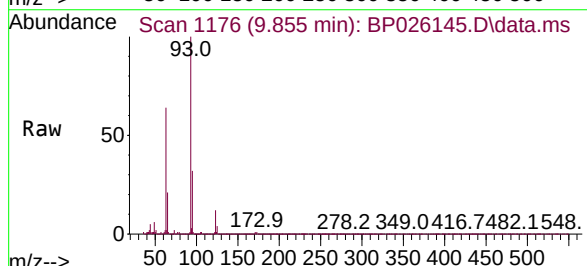
Tgt Ion: 93 Resp: 215062

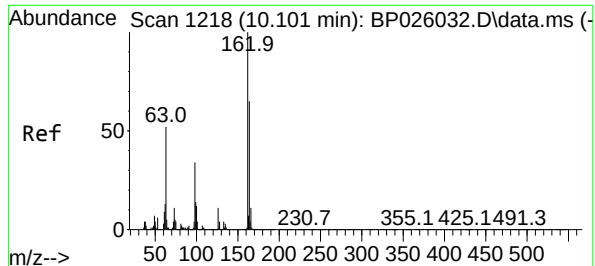
Ion Ratio Lower Upper

93 100

95 32.5 26.4 39.6

123 11.6 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 10.558 ng

RT: 10.090 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

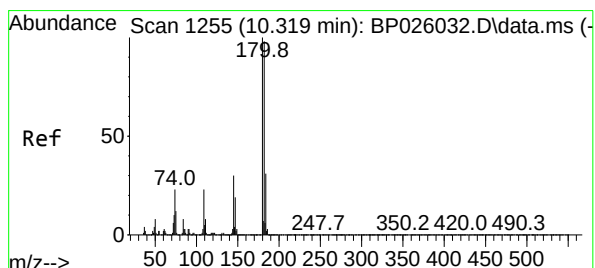
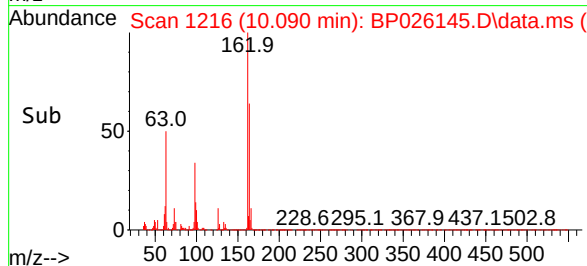
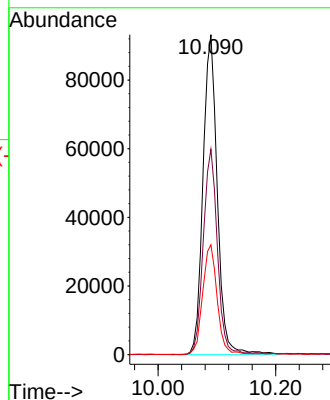
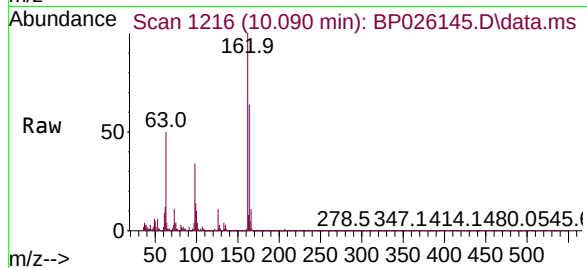
Tgt Ion:162 Resp: 157750

Ion Ratio Lower Upper

162 100

164 64.2 43.8 83.8

98 34.3 14.1 54.1



#30

1,2,4-Trichlorobenzene

Concen: 10.189 ng

RT: 10.302 min Scan# 1252

Delta R.T. -0.006 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

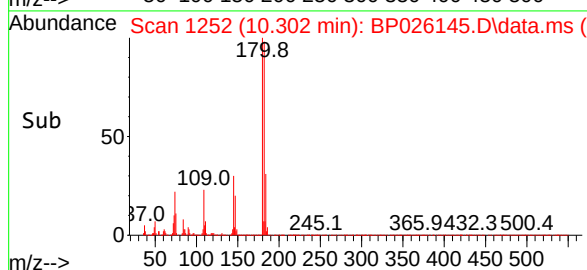
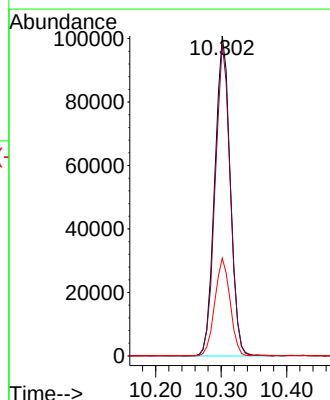
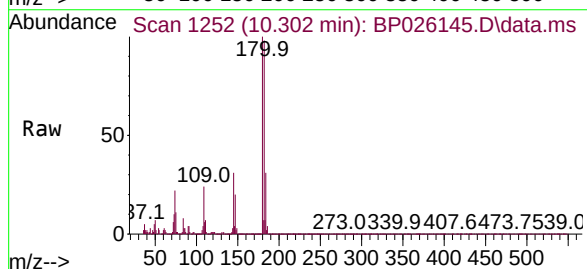
Tgt Ion:180 Resp: 165087

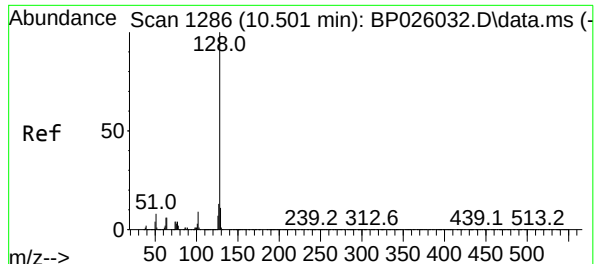
Ion Ratio Lower Upper

180 100

182 97.5 78.1 117.1

145 30.5 24.2 36.4





#31

Naphthalene

Concen: 10.256 ng

RT: 10.484 min Scan# 1150

Delta R.T. -0.012 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

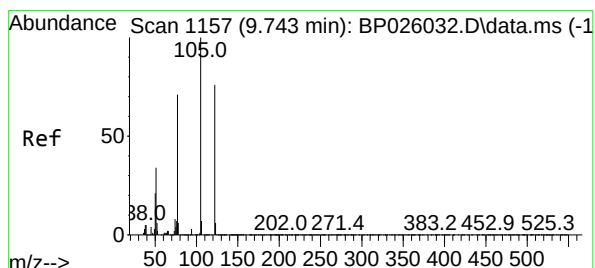
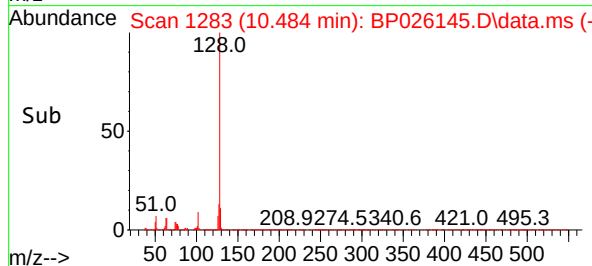
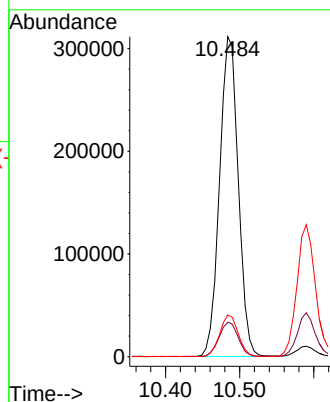
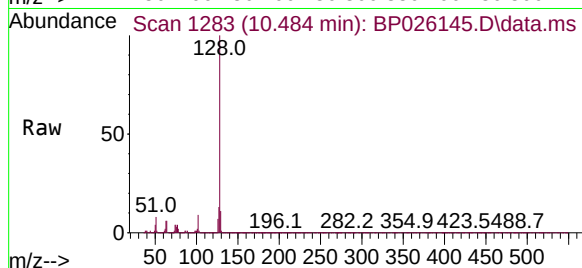
Tgt Ion:128 Resp: 546001

Ion Ratio Lower Upper

128 100

129 10.7 9.0 13.6

127 13.0 10.2 15.4



#32

Benzoic acid

Concen: 11.868 ng

RT: 9.702 min Scan# 1150

Delta R.T. -0.064 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

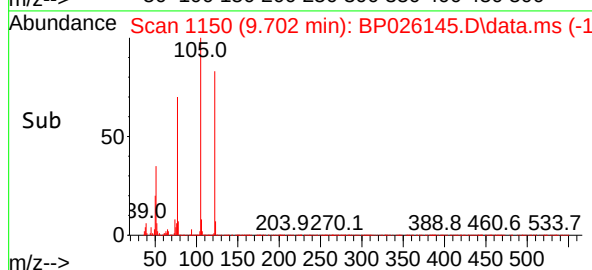
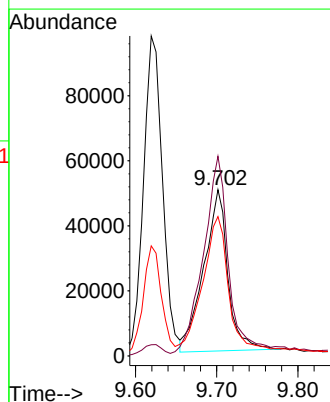
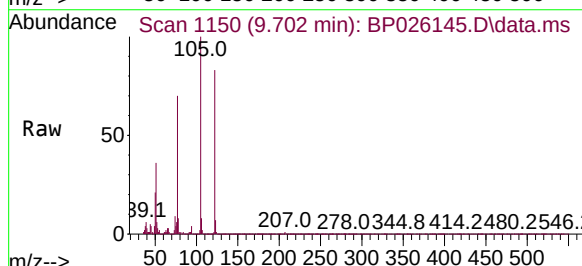
Tgt Ion:122 Resp: 102438

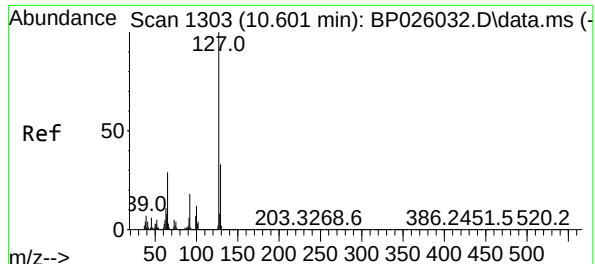
Ion Ratio Lower Upper

122 100

105 120.1 100.1 140.1

77 83.9 66.7 106.7





#33

4-Chloroaniline

Concen: 10.919 ng

RT: 10.590 min Scan# 1301

Delta R.T. -0.006 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:127 Resp: 225844

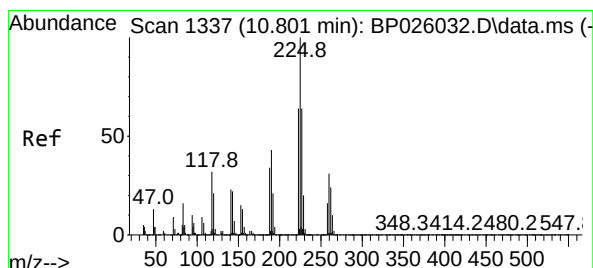
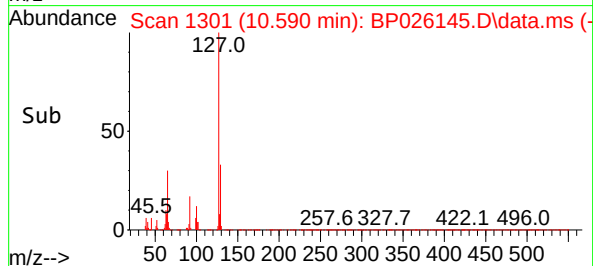
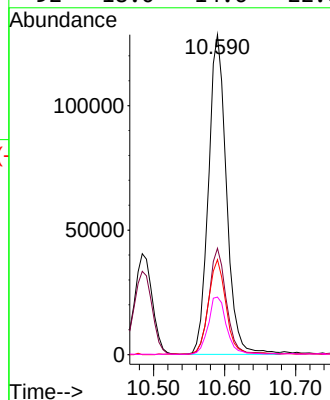
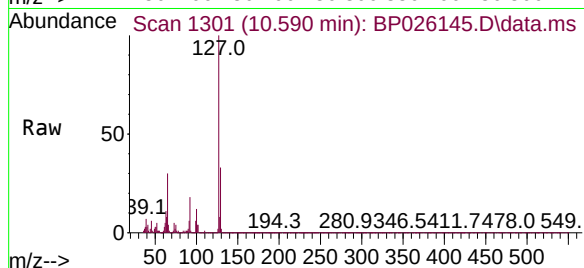
Ion Ratio Lower Upper

127 100

129 33.2 25.8 38.8

65 29.7 22.7 34.1

92 18.0 14.6 22.0



#34

Hexachlorobutadiene

Concen: 10.297 ng

RT: 10.784 min Scan# 1334

Delta R.T. -0.012 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

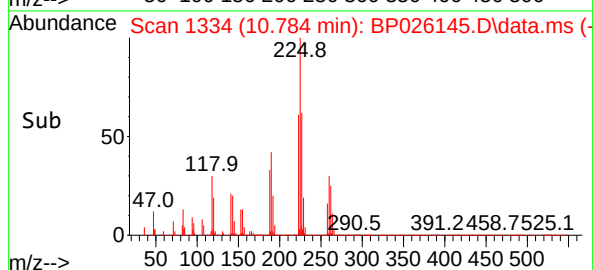
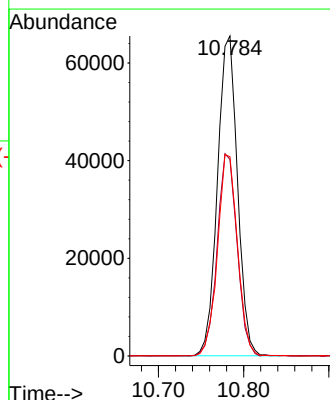
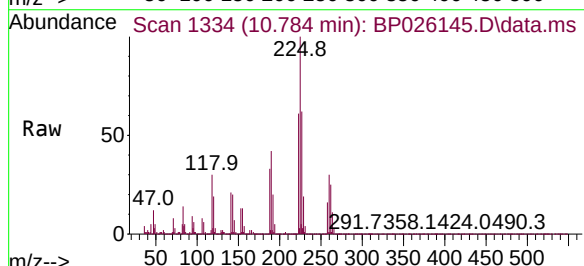
Tgt Ion:225 Resp: 106776

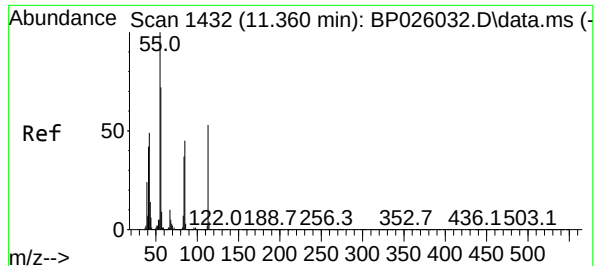
Ion Ratio Lower Upper

225 100

223 61.4 49.6 74.4

227 62.2 51.2 76.8





#35

Caprolactam

Concen: 10.571 ng

RT: 11.354 min Scan# 1432

Delta R.T. -0.023 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

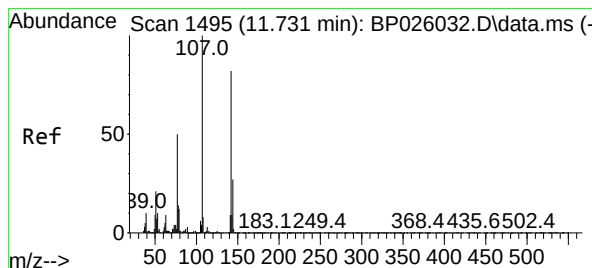
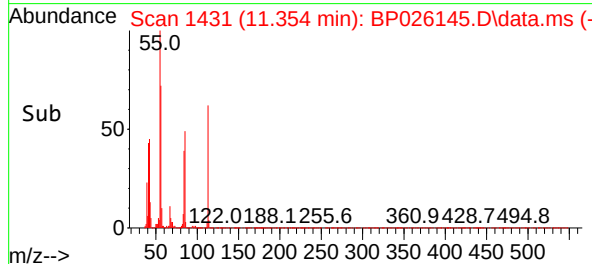
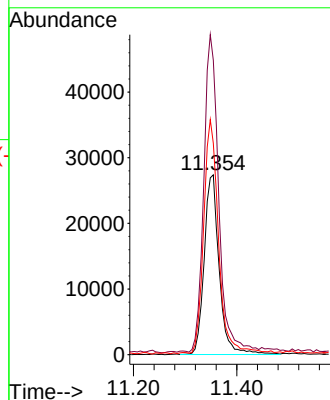
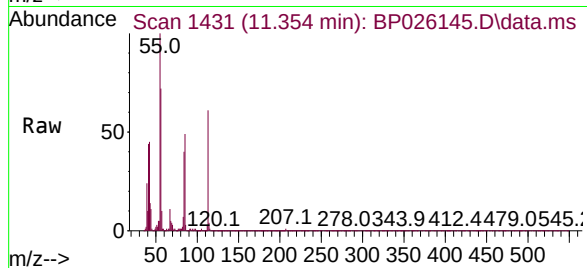
Tgt Ion:113 Resp: 55204

Ion Ratio Lower Upper

113 100

55 163.8 153.0 193.0

56 117.6 106.4 146.4



#36

4-Chloro-3-methylphenol

Concen: 10.736 ng

RT: 11.725 min Scan# 1494

Delta R.T. -0.006 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

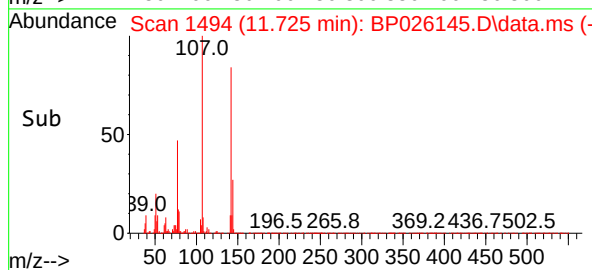
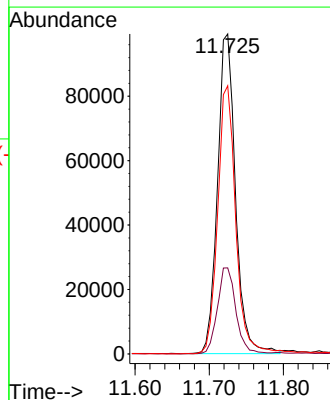
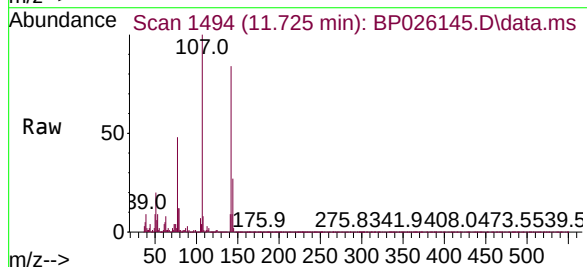
Tgt Ion:107 Resp: 167761

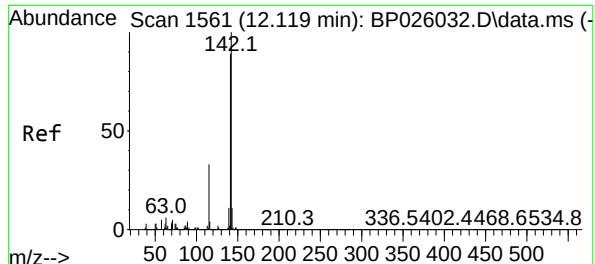
Ion Ratio Lower Upper

107 100

144 26.9 21.6 32.4

142 83.8 65.6 98.4

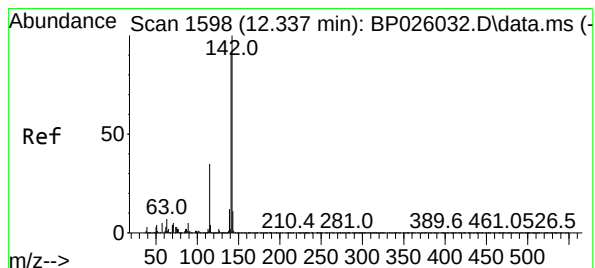
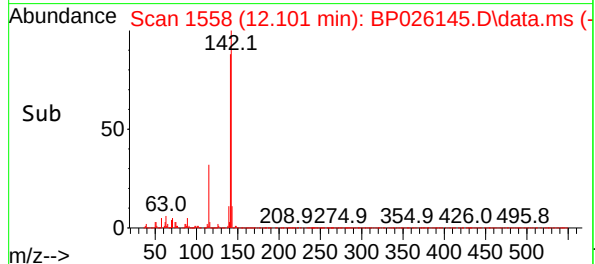
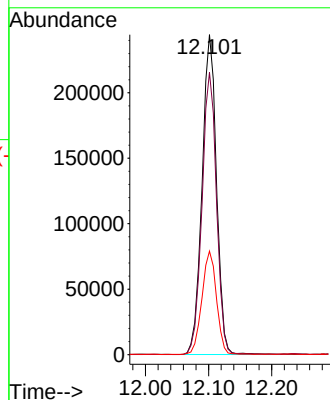
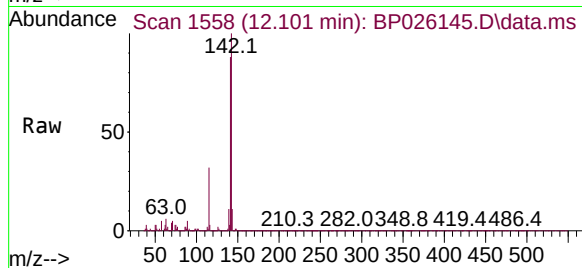




#37
2-Methylnaphthalene
Concen: 10.423 ng
RT: 12.101 min Scan# 1558
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

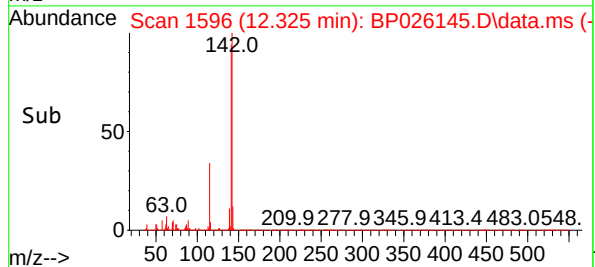
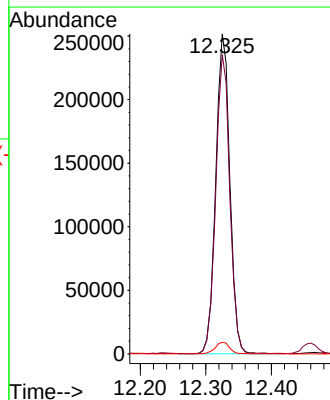
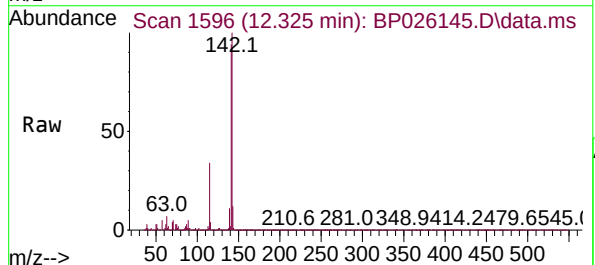
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

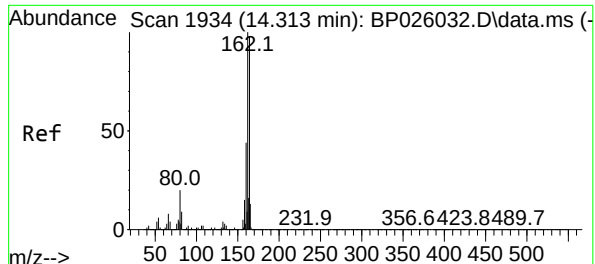
Tgt Ion:142 Resp: 387952
Ion Ratio Lower Upper
142 100
141 88.2 71.0 106.6
115 32.3 26.6 39.8



#38
1-Methylnaphthalene
Concen: 10.395 ng
RT: 12.325 min Scan# 1596
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:142 Resp: 376177
Ion Ratio Lower Upper
142 100
141 93.5 73.5 110.3
116 3.6 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.313 min Scan# 1934

Delta R.T. -0.012 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

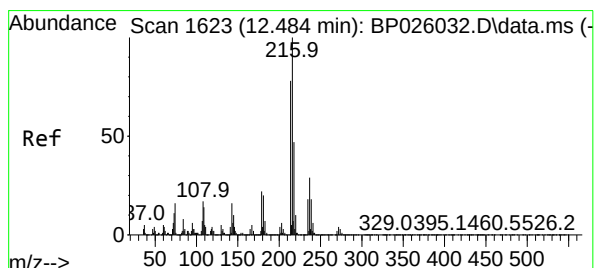
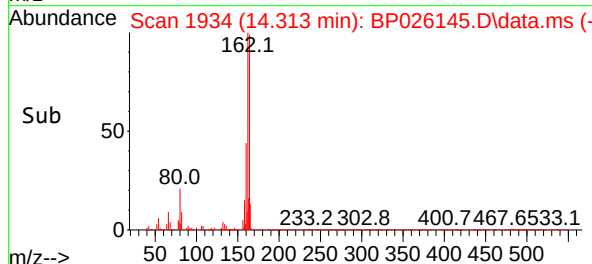
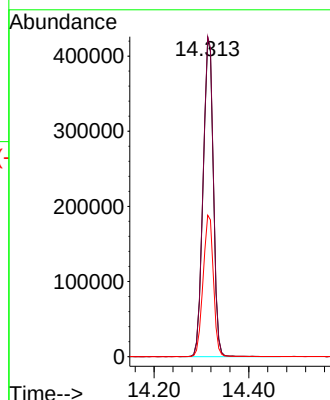
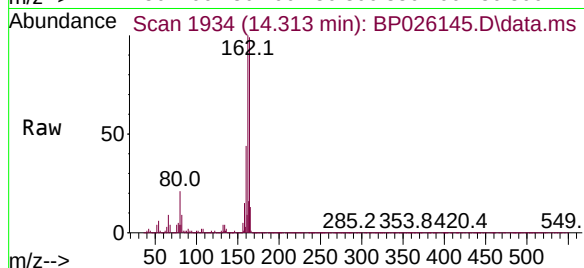
Tgt Ion:164 Resp: 630488

Ion Ratio Lower Upper

164 100

162 100.8 80.3 120.5

160 44.6 35.2 52.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 9.860 ng

RT: 12.472 min Scan# 1621

Delta R.T. -0.017 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

Tgt Ion:216 Resp: 192367

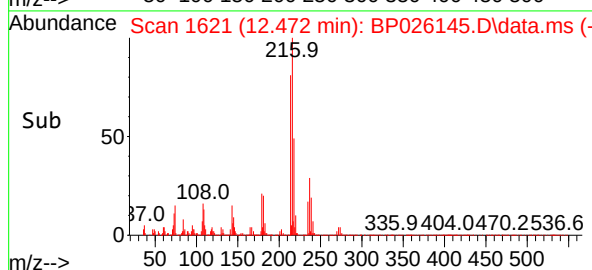
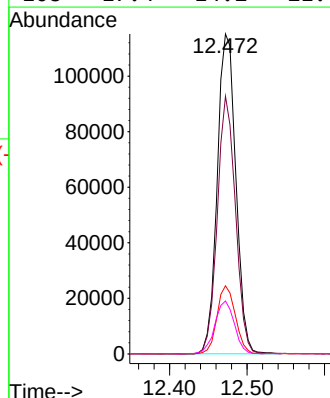
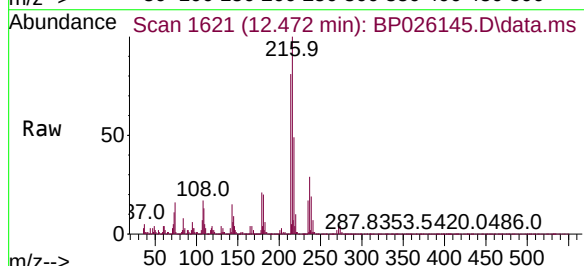
Ion Ratio Lower Upper

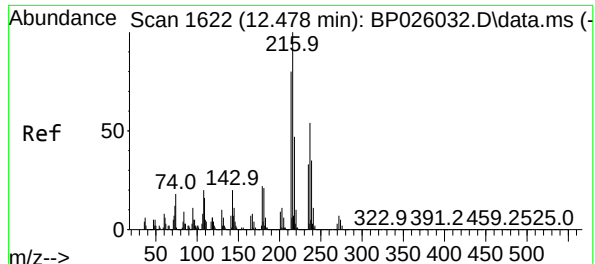
216 100

214 78.6 62.6 94.0

179 20.9 16.6 25.0

108 17.4 14.2 21.4

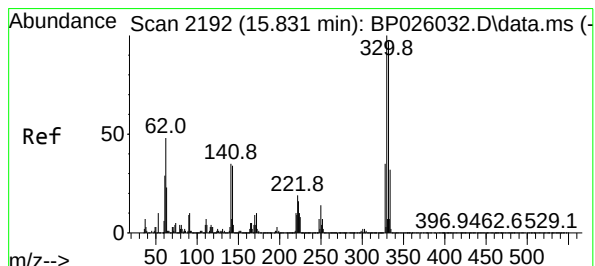
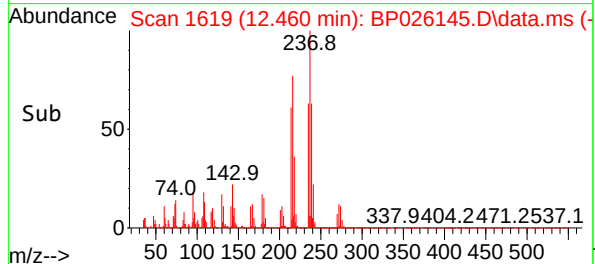
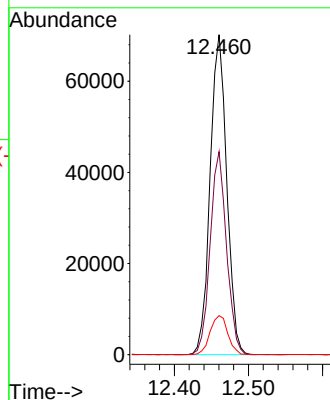
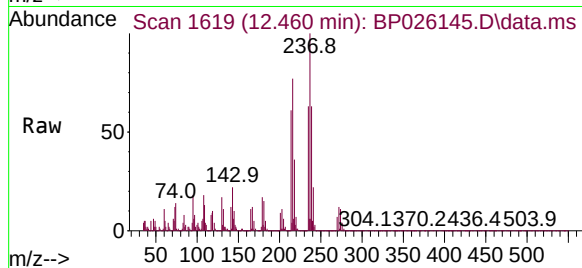




#41
Hexachlorocyclopentadiene
Concen: 13.468 ng
RT: 12.460 min Scan# 1619
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

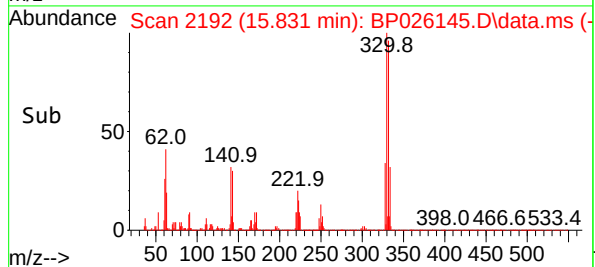
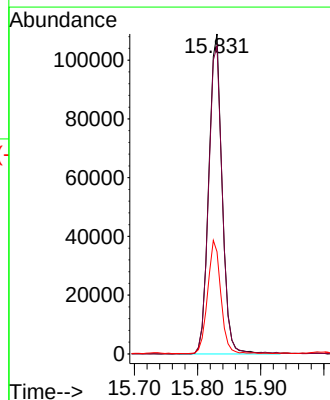
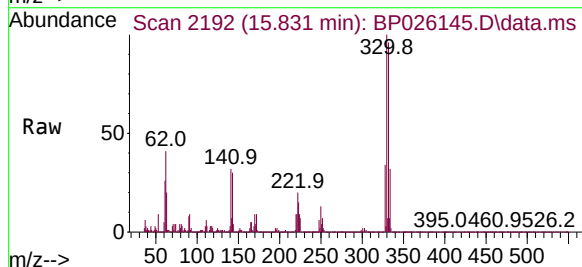
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

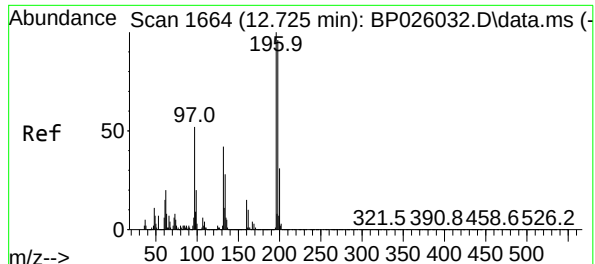
Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.4	43.3	83.3
272	12.2	0.0	32.9



#42
2,4,6-Tribromophenol
Concen: 23.122 ng
RT: 15.831 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.0	78.0	117.0
141	35.0	26.8	40.2





#43

2,4,6-Trichlorophenol

Concen: 10.910 ng

RT: 12.713 min Scan# 1662

Delta R.T. -0.012 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

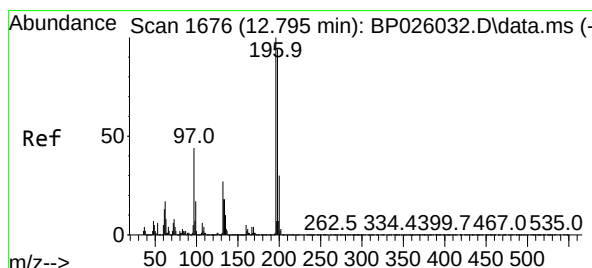
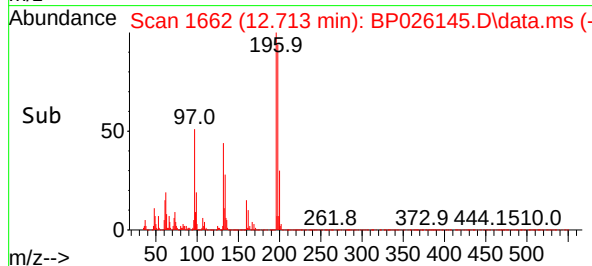
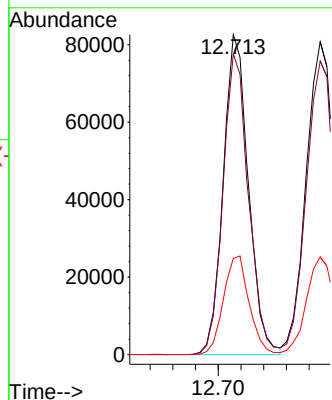
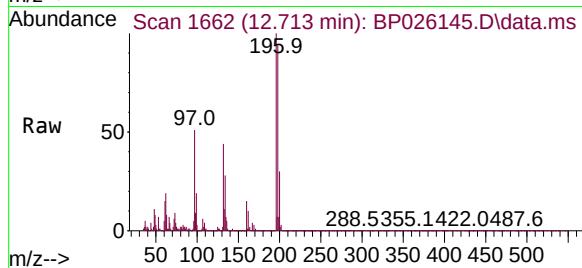
Tgt Ion:196 Resp: 127331

Ion Ratio Lower Upper

196 100

198 94.0 76.9 115.3

200 30.1 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 10.794 ng

RT: 12.790 min Scan# 1675

Delta R.T. -0.012 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

Tgt Ion:196 Resp: 143128

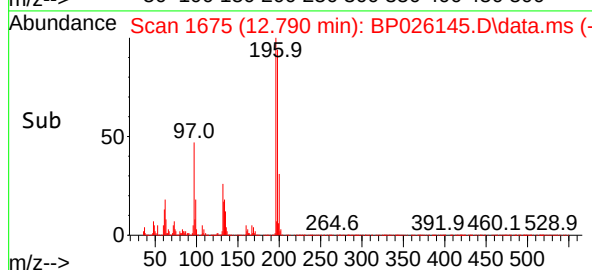
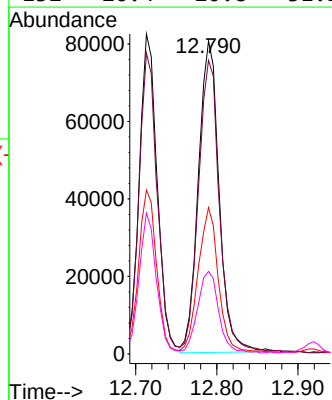
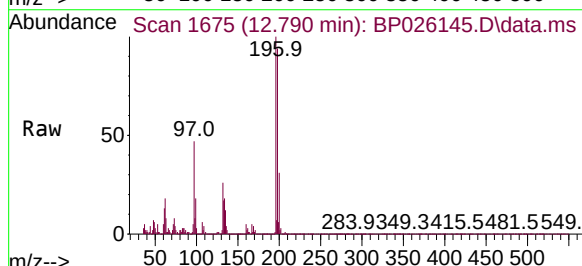
Ion Ratio Lower Upper

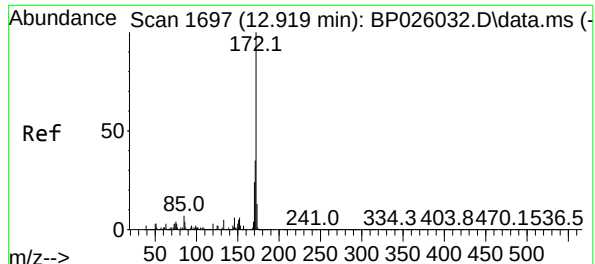
196 100

198 93.8 76.4 114.6

97 46.8 35.7 53.5

132 26.4 20.8 31.2





#45

2-Fluorobiphenyl

Concen: 20.807 ng

RT: 12.919 min Scan# 1697

Delta R.T. -0.012 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

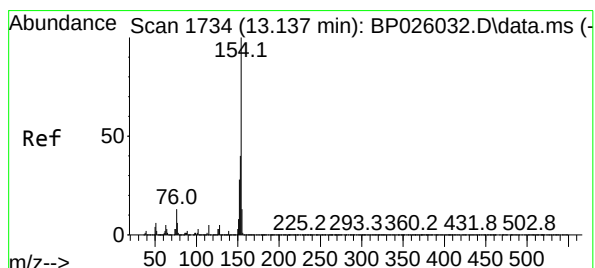
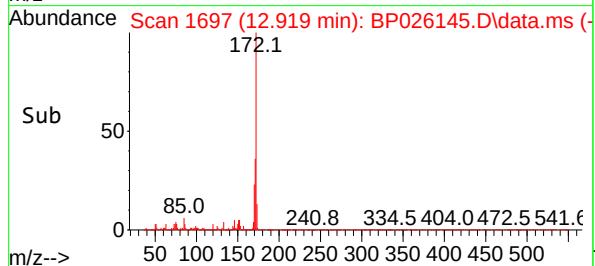
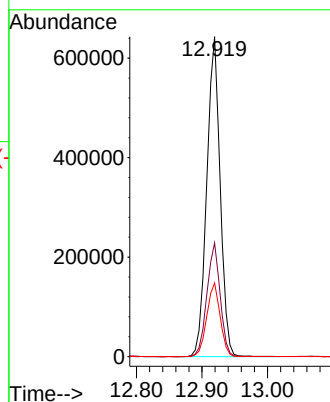
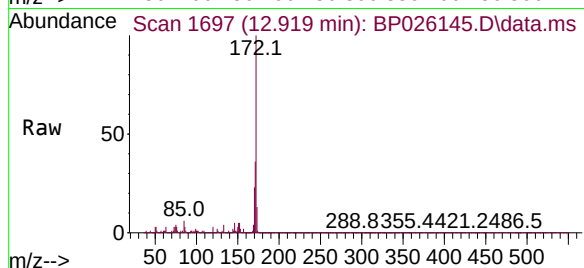
Tgt Ion:172 Resp: 909238

Ion Ratio Lower Upper

172 100

171 35.6 28.2 42.4

170 23.0 18.7 28.1



#46

1,1'-Biphenyl

Concen: 10.101 ng

RT: 13.125 min Scan# 1732

Delta R.T. -0.012 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

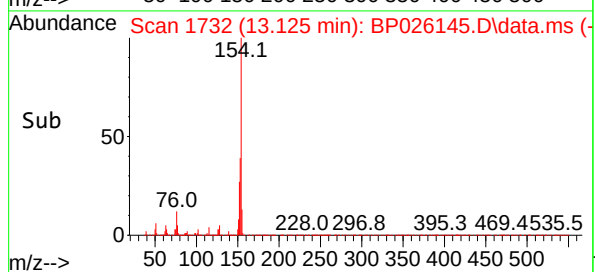
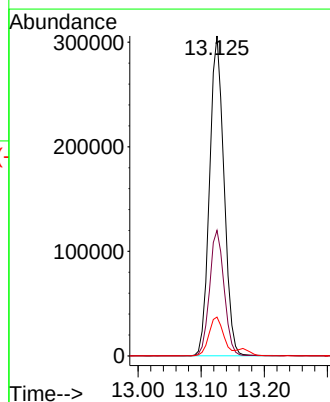
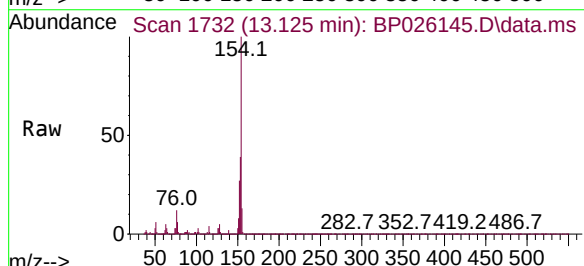
Tgt Ion:154 Resp: 485448

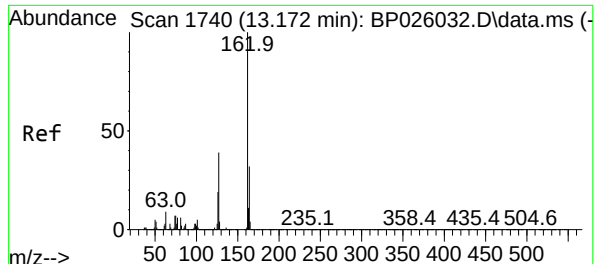
Ion Ratio Lower Upper

154 100

153 39.2 20.3 60.3

76 12.1 0.0 32.3





#47

2-Chloronaphthalene

Concen: 10.136 ng

RT: 13.166 min Scan# 1739

Delta R.T. -0.017 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

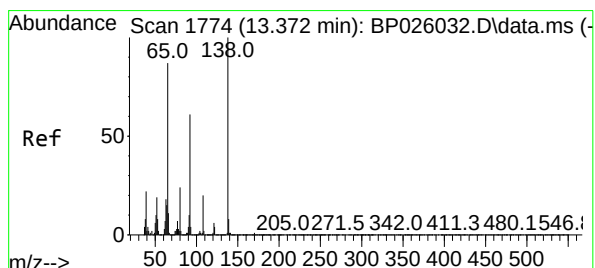
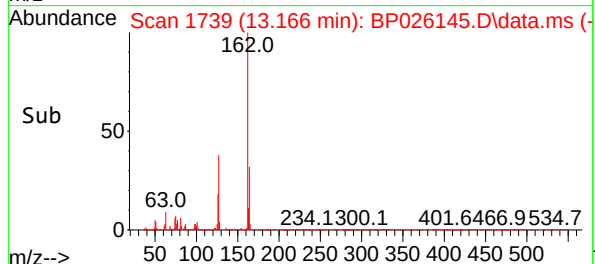
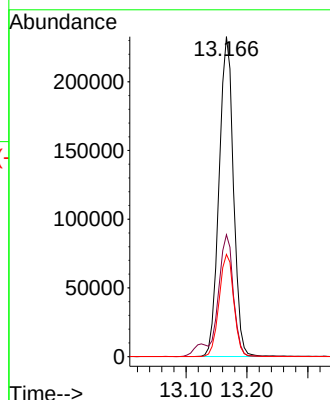
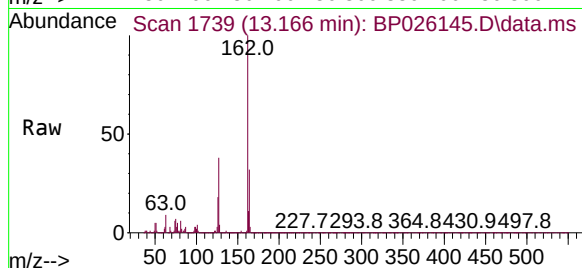
Tgt Ion:162 Resp: 382981

Ion Ratio Lower Upper

162 100

127 38.1 30.9 46.3

164 31.9 26.4 39.6



#48

2-Nitroaniline

Concen: 11.256 ng

RT: 13.366 min Scan# 1773

Delta R.T. -0.012 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

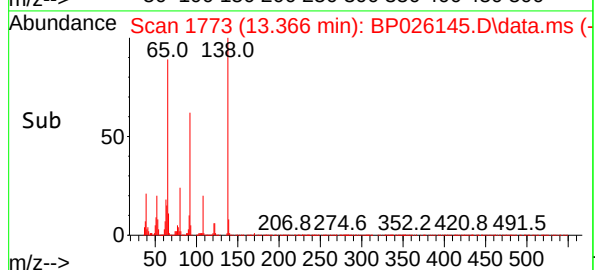
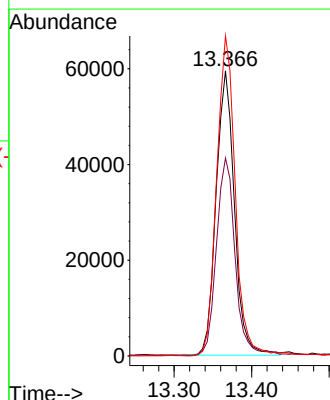
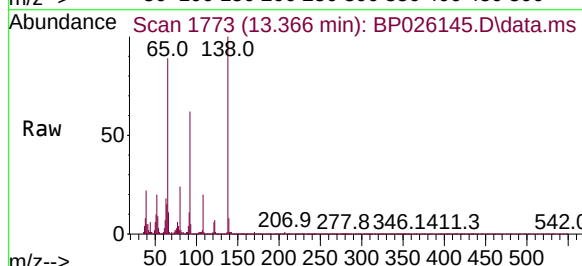
Tgt Ion: 65 Resp: 97829

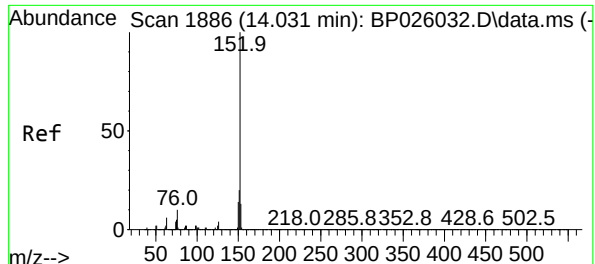
Ion Ratio Lower Upper

65 100

92 69.4 59.1 88.7

138 112.3 96.6 145.0





#49

Acenaphthylene

Concen: 11.215 ng

RT: 14.025 min Scan# 1885

Delta R.T. -0.012 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

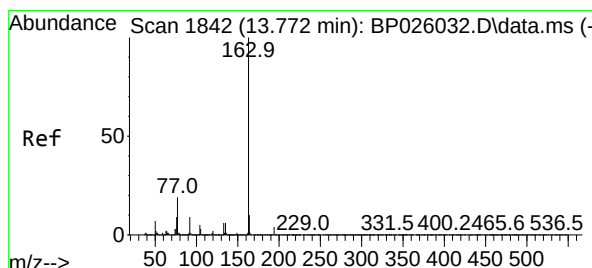
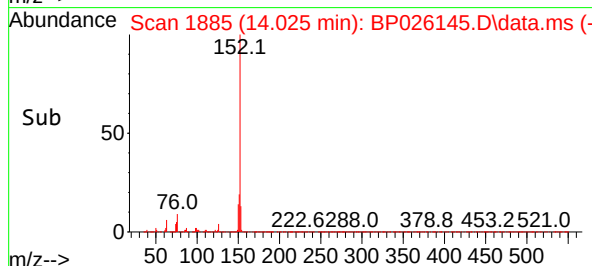
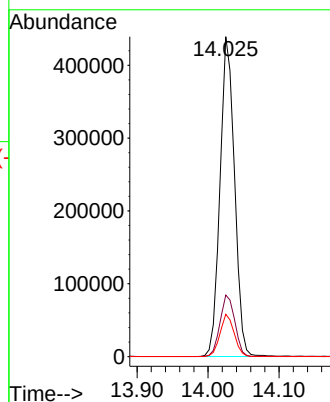
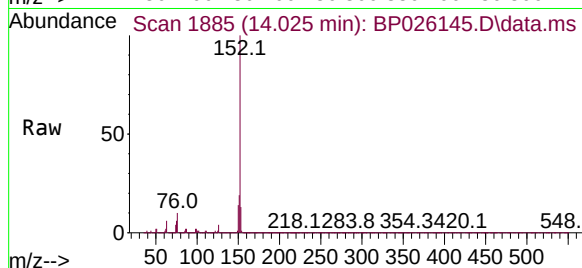
Tgt Ion:152 Resp: 626312

Ion Ratio Lower Upper

152 100

151 19.3 15.8 23.8

153 13.2 10.6 16.0



#50

Dimethylphthalate

Concen: 10.476 ng

RT: 13.760 min Scan# 1840

Delta R.T. -0.012 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

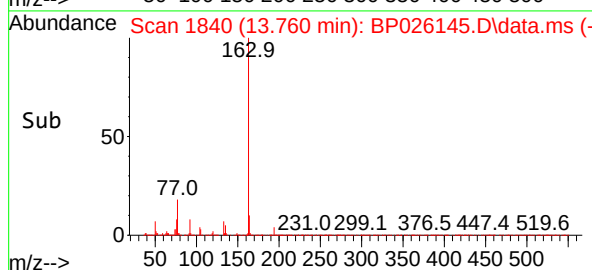
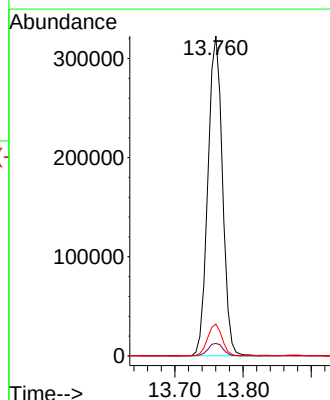
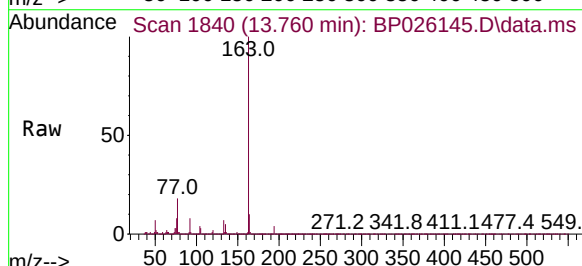
Tgt Ion:163 Resp: 478267

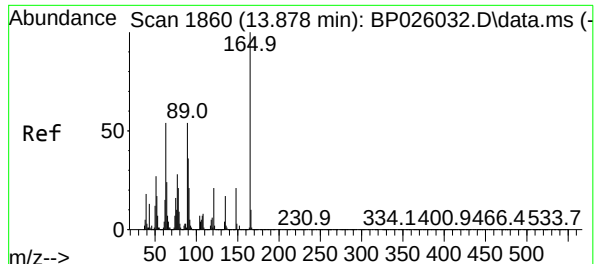
Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

164 9.9 8.2 12.2

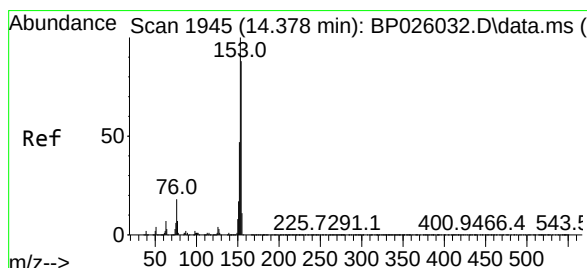
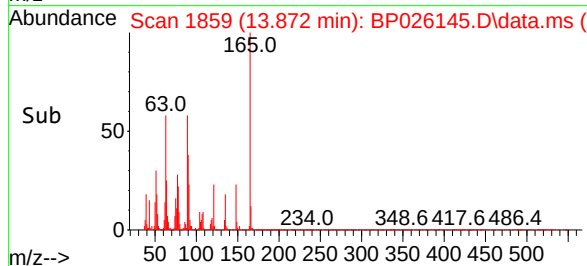
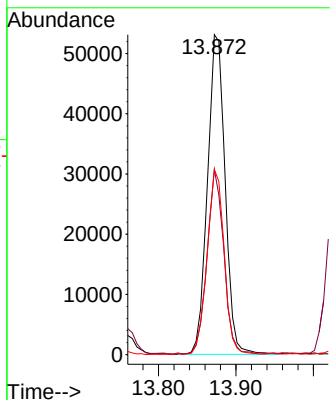
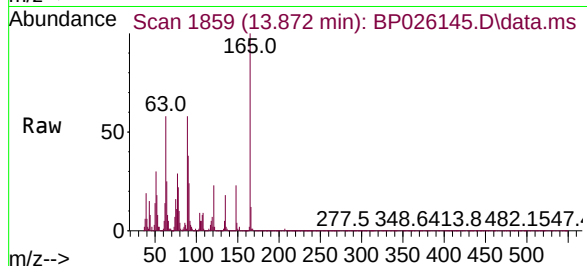




#51
2,6-Dinitrotoluene
Concen: 10.948 ng
RT: 13.872 min Scan# 1860
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

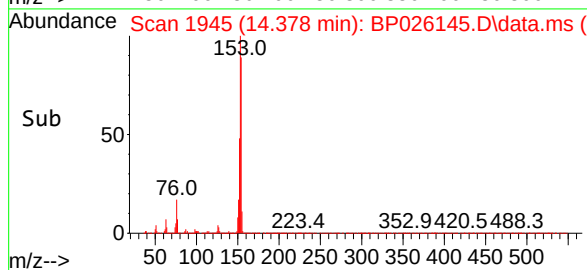
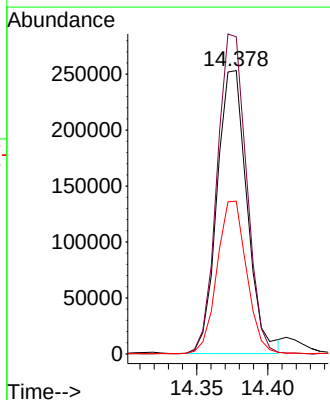
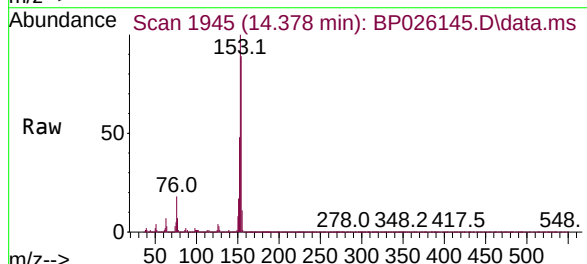
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

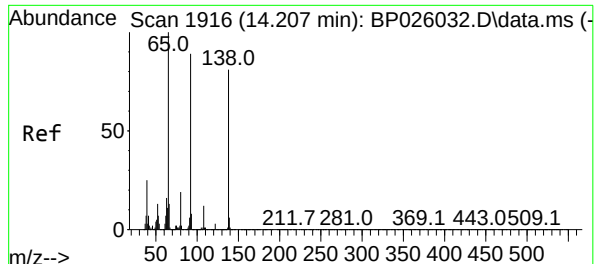
Tgt Ion	Ratio	Lower	Upper
165	100		
63	57.9	40.5	60.7
89	57.9	41.3	61.9



#52
Acenaphthene
Concen: 9.972 ng
RT: 14.378 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.9	90.7	136.1
152	53.9	42.8	64.2

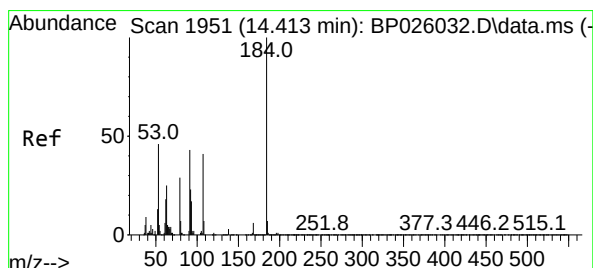
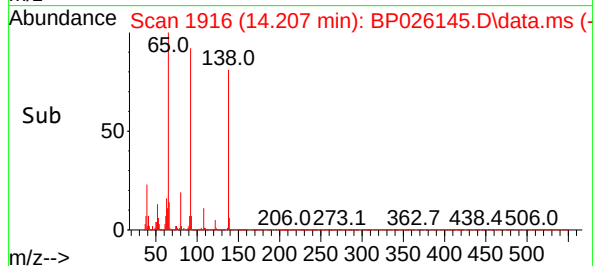
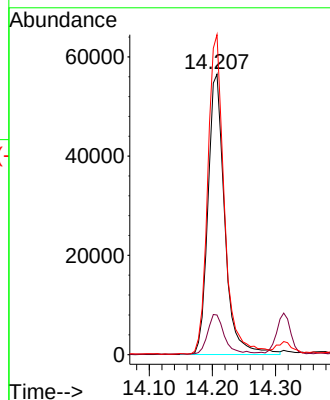
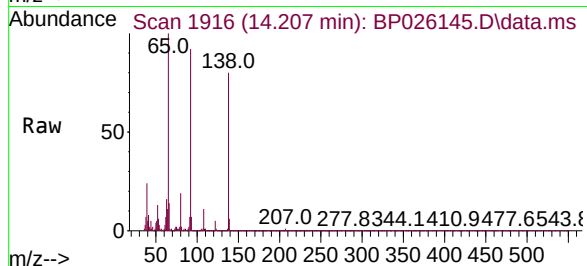




#53
3-Nitroaniline
Concen: 11.189 ng
RT: 14.207 min Scan# 1916
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

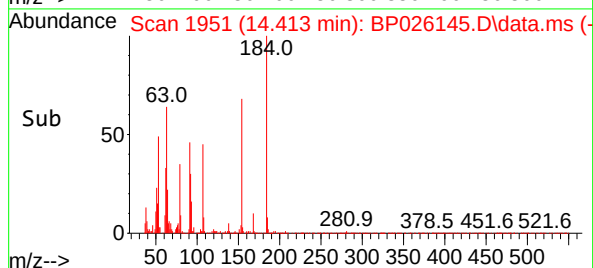
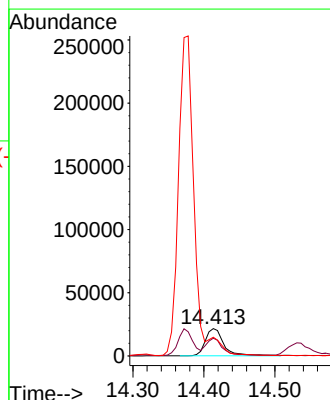
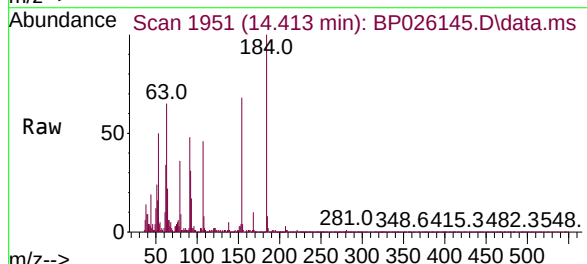
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

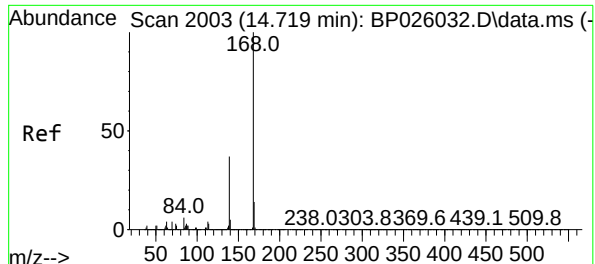
Tgt Ion:138 Resp: 103894
Ion Ratio Lower Upper
138 100
108 14.1 8.9 13.3#
92 114.1 86.3 129.5



#54
2,4-Dinitrophenol
Concen: 11.062 ng
RT: 14.413 min Scan# 1951
Delta R.T. -0.017 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:184 Resp: 38962
Ion Ratio Lower Upper
184 100
63 64.9 43.1 64.7#
154 68.2 49.5 74.3





#55

Dibenzofuran

Concen: 10.148 ng

RT: 14.719 min Scan# 2003

Delta R.T. -0.006 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

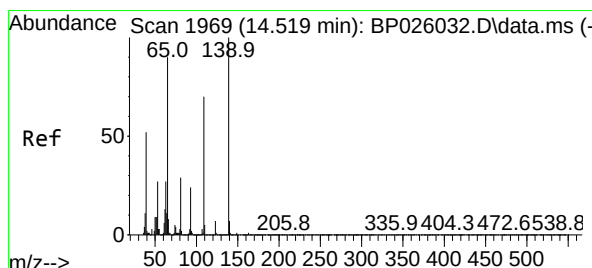
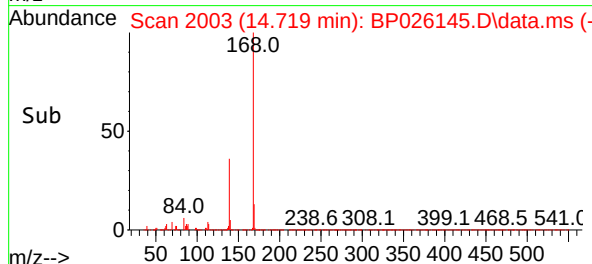
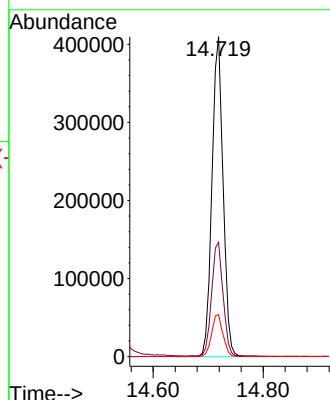
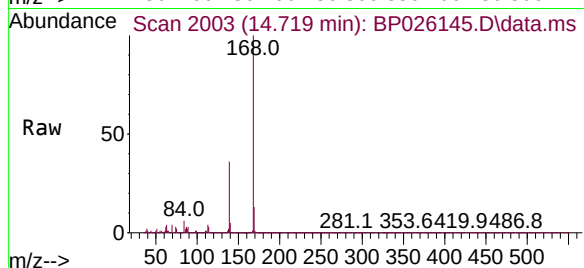
Tgt Ion:168 Resp: 577473

Ion Ratio Lower Upper

168 100

139 35.7 29.8 44.6

169 13.1 10.9 16.3



#56

4-Nitrophenol

Concen: 9.876 ng

RT: 14.531 min Scan# 1971

Delta R.T. -0.012 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

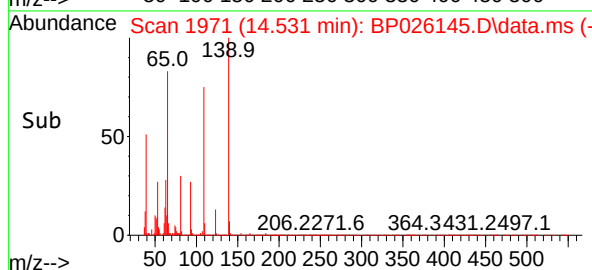
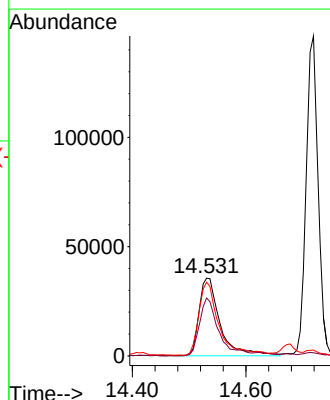
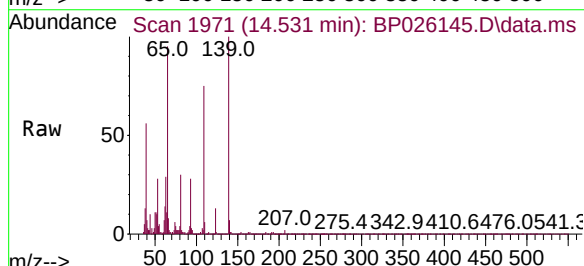
Tgt Ion:139 Resp: 91274

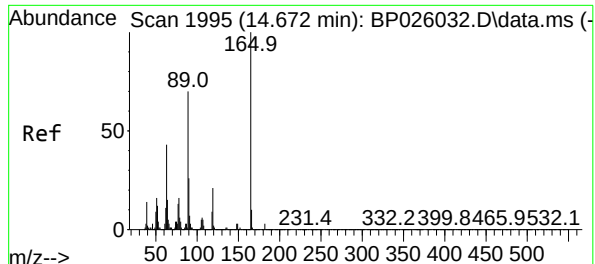
Ion Ratio Lower Upper

139 100

109 74.5 46.8 86.8

65 94.9 69.3 109.3

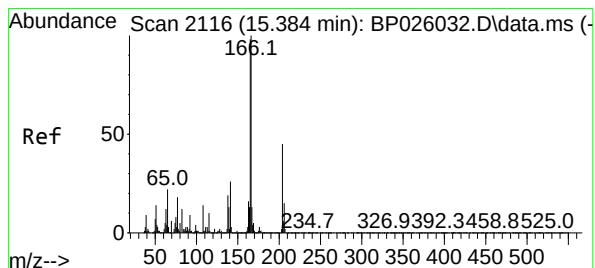
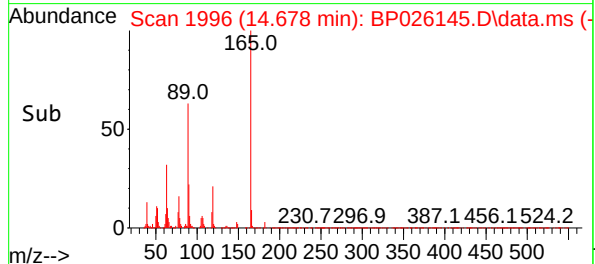
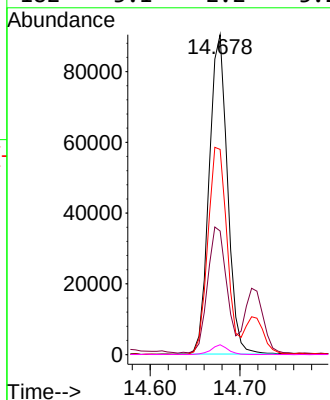
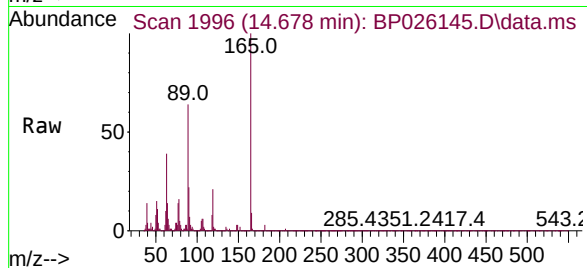




#57
2,4-Dinitrotoluene
Concen: 11.467 ng
RT: 14.678 min Scan# 1995
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

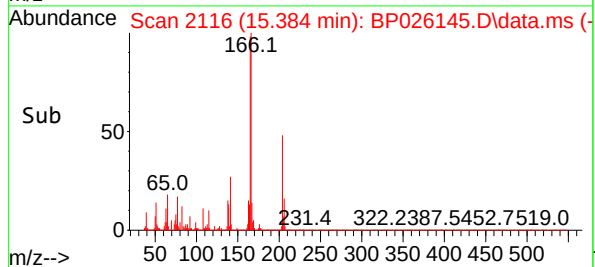
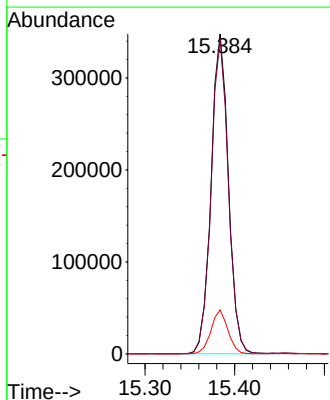
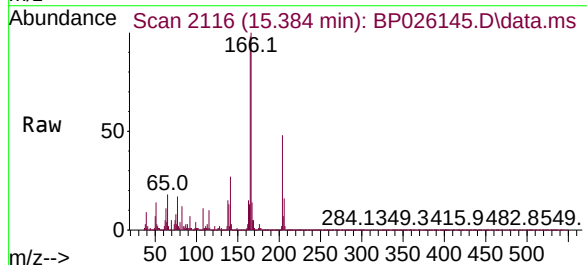
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

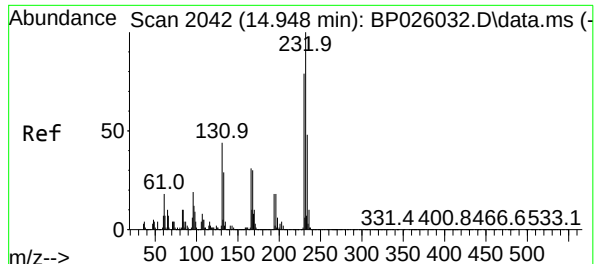
Tgt Ion:165 Resp: 128442
Ion Ratio Lower Upper
165 100
63 38.6 31.0 46.6
89 64.1 51.7 77.5
182 3.1 2.2 3.2



#58
Fluorene
Concen: 10.507 ng
RT: 15.384 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:166 Resp: 469782
Ion Ratio Lower Upper
166 100
165 98.3 77.9 116.9
167 13.7 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 11.749 ng

RT: 14.954 min Scan# 2043

Delta R.T. -0.006 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:232 Resp: 123375

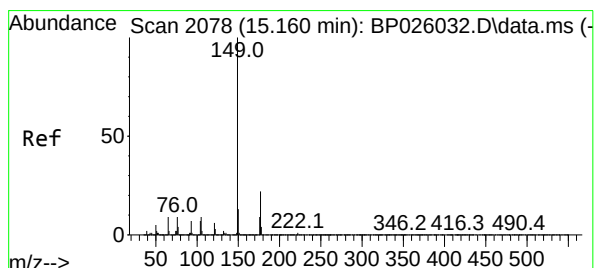
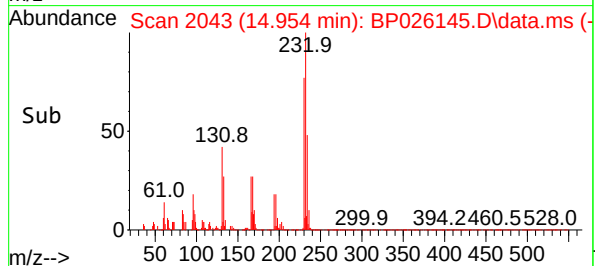
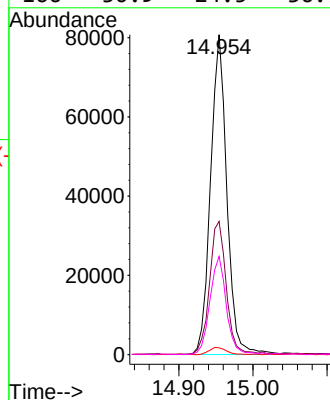
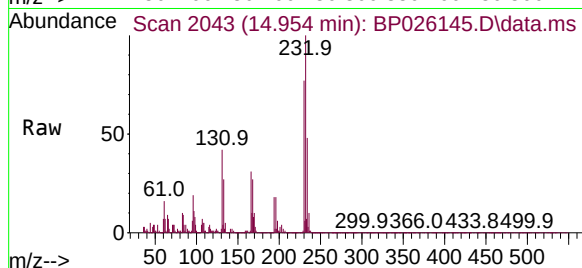
Ion Ratio Lower Upper

232 100

131 43.0 34.8 52.2

130 2.4 1.8 2.8

166 30.9 24.5 36.7



#60

Diethylphthalate

Concen: 10.343 ng

RT: 15.154 min Scan# 2077

Delta R.T. -0.017 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

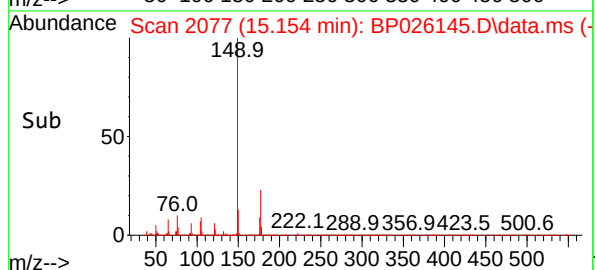
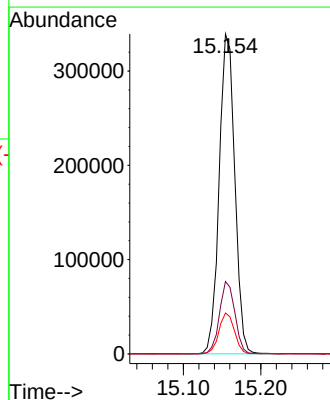
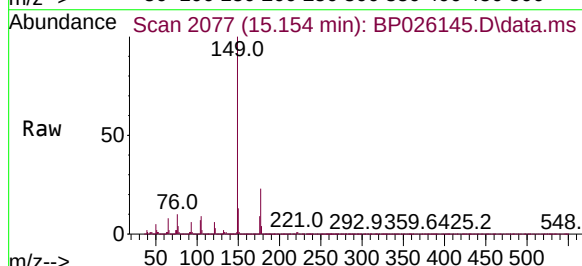
Tgt Ion:149 Resp: 475038

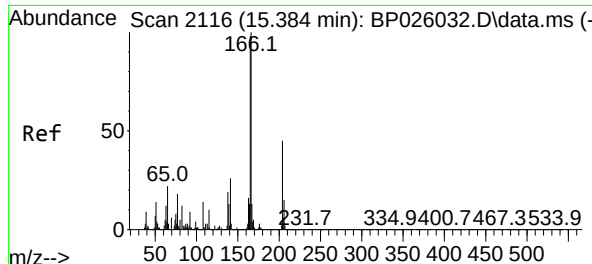
Ion Ratio Lower Upper

149 100

177 22.6 17.9 26.9

150 12.8 9.9 14.9

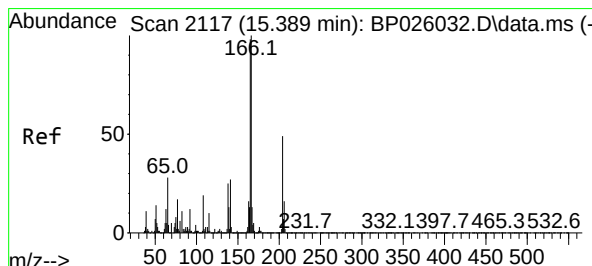
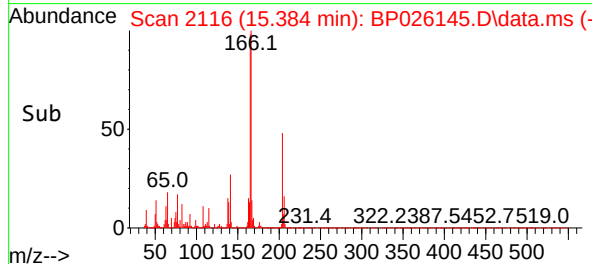
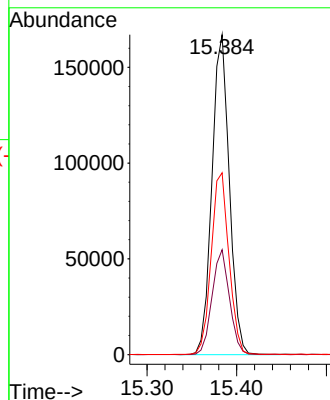
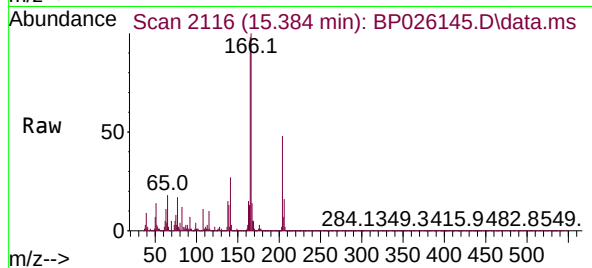




#61
4-Chlorophenyl-phenylether
Concen: 10.144 ng
RT: 15.384 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

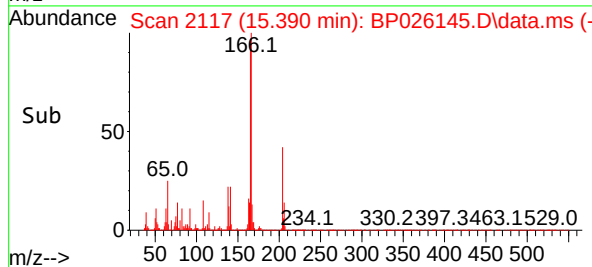
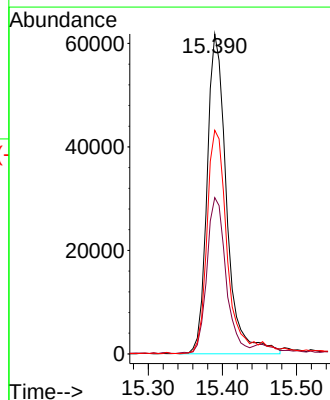
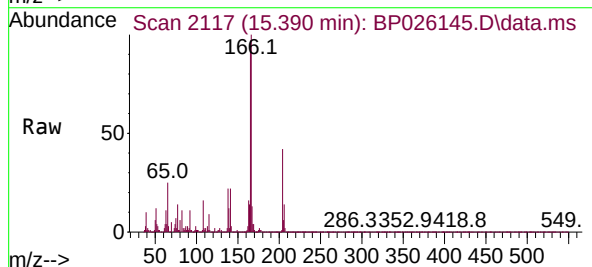
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

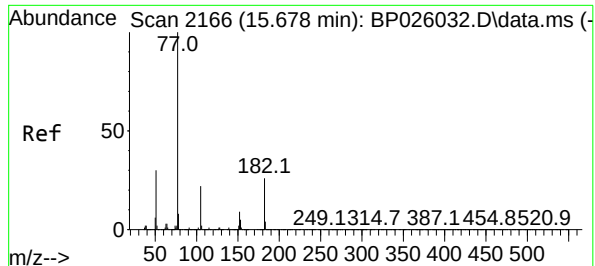
Tgt Ion:204 Resp: 226085
Ion Ratio Lower Upper
204 100
206 32.8 26.2 39.2
141 56.8 48.1 72.1



#62
4-Nitroaniline
Concen: 11.490 ng
RT: 15.390 min Scan# 2117
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:138 Resp: 113144
Ion Ratio Lower Upper
138 100
92 48.8 27.5 67.5
108 69.9 51.1 91.1



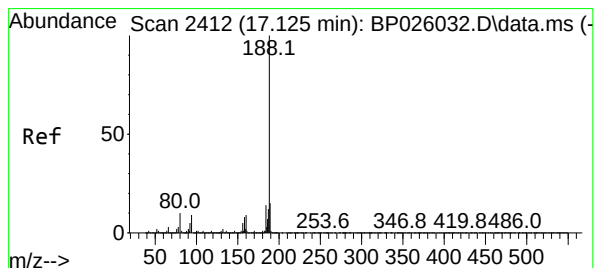
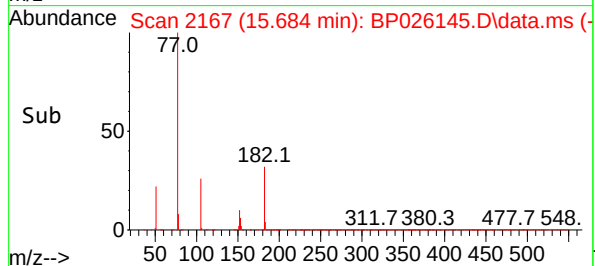
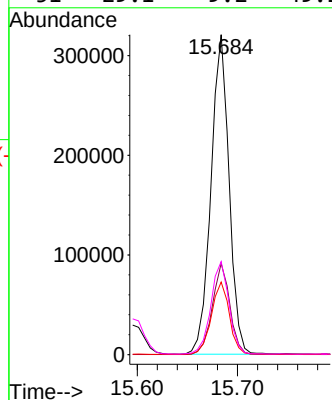
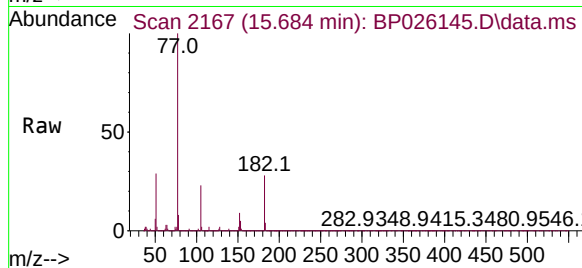


#63
Azobenzene
Concen: 9.741 ng
RT: 15.684 min Scan# 2166
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 402256

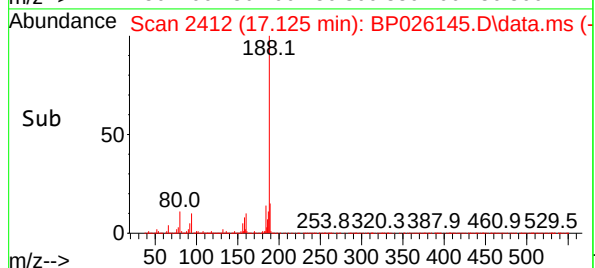
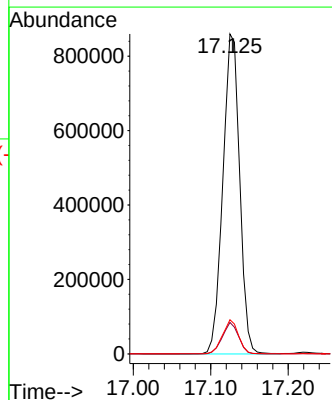
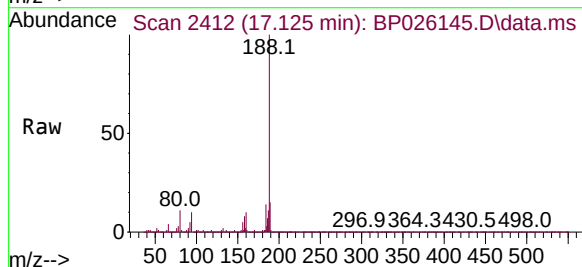
Ion	Ratio	Lower	Upper
77	100		
182	28.5	8.8	48.8
105	22.7	2.6	42.6
51	29.1	9.2	49.2

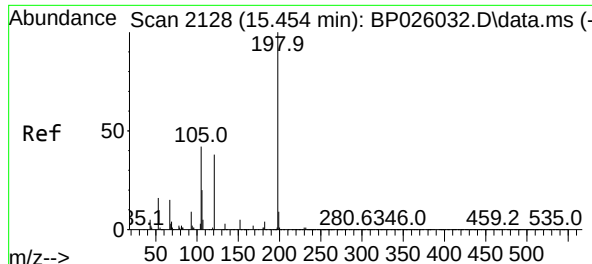


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion: 188 Resp: 1297120

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.8	11.6
80	10.7	8.2	12.2





#65

4,6-Dinitro-2-methylphenol

Concen: 11.592 ng

RT: 15.454 min Scan# 2128

Delta R.T. -0.012 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

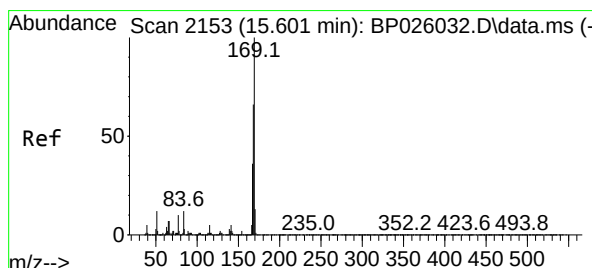
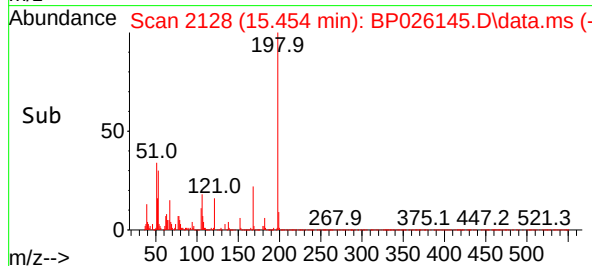
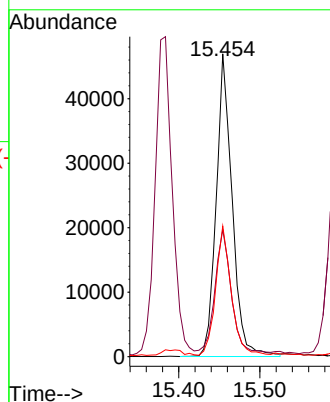
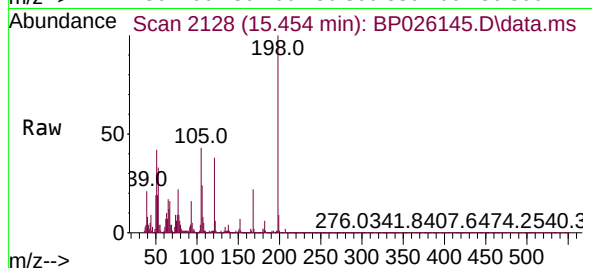
Tgt Ion:198 Resp: 64177

Ion Ratio Lower Upper

198 100

51 42.0 18.4 58.4

105 43.1 18.5 58.5



#66

n-Nitrosodiphenylamine

Concen: 10.270 ng

RT: 15.595 min Scan# 2152

Delta R.T. -0.012 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

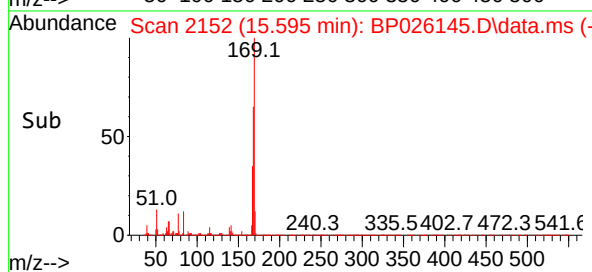
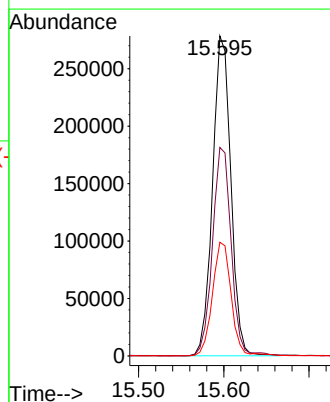
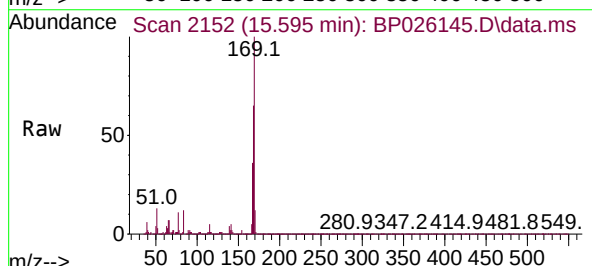
Tgt Ion:169 Resp: 415043

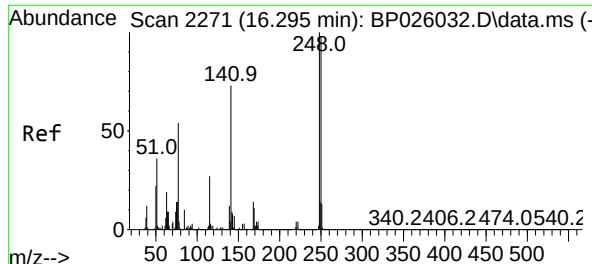
Ion Ratio Lower Upper

169 100

168 65.1 53.1 79.7

167 35.5 28.9 43.3





#67

4-Bromophenyl-phenylether

Concen: 9.873 ng

RT: 16.301 min Scan# 2271

Delta R.T. -0.006 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

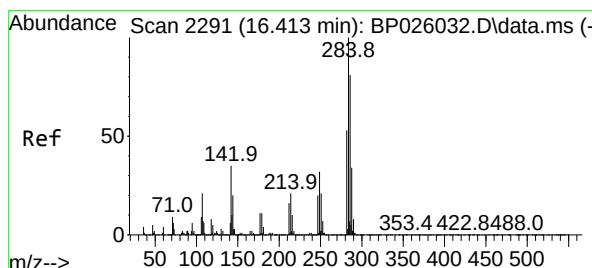
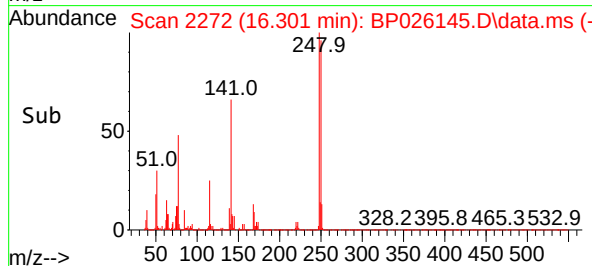
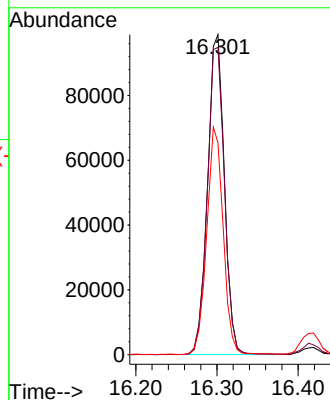
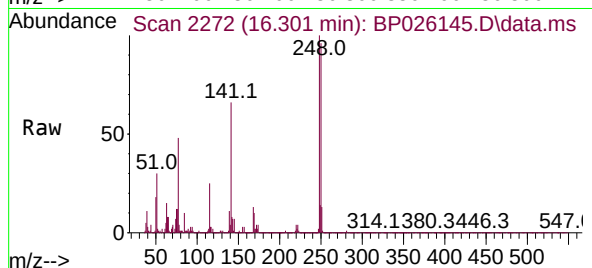
Tgt Ion:248 Resp: 142168

Ion Ratio Lower Upper

248 100

250 96.0 77.8 116.6

141 66.2 55.4 83.0



#68

Hexachlorobenzene

Concen: 10.292 ng

RT: 16.413 min Scan# 2291

Delta R.T. -0.012 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

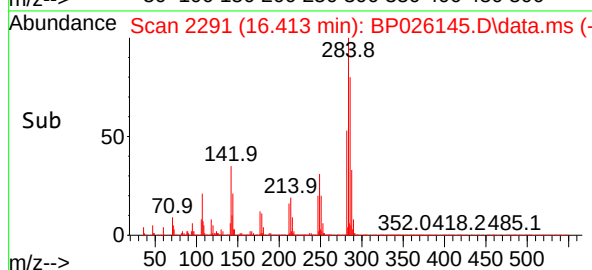
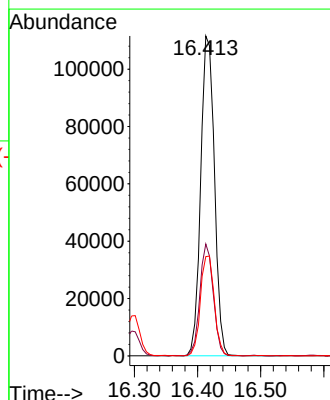
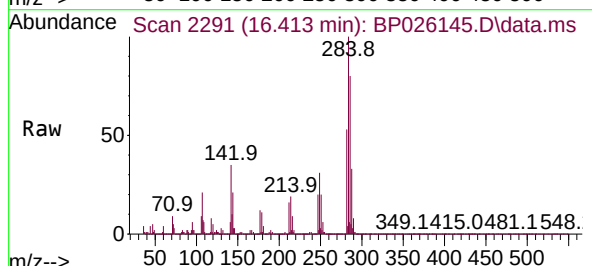
Tgt Ion:284 Resp: 168597

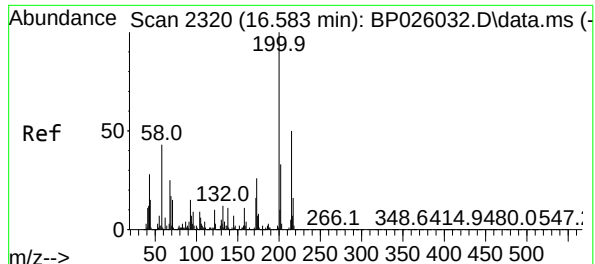
Ion Ratio Lower Upper

284 100

142 35.0 28.0 42.0

249 31.0 25.0 37.4

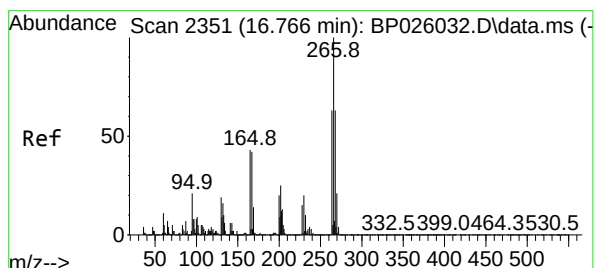
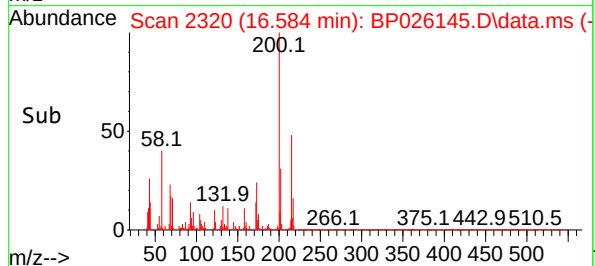
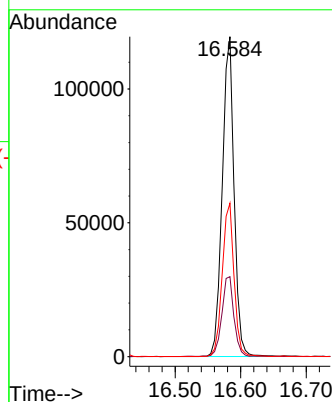
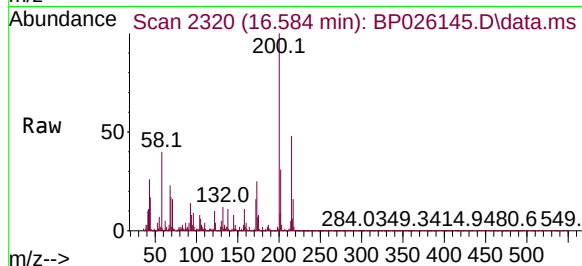




#69
Atrazine
Concen: 10.842 ng
RT: 16.584 min Scan# 2320
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

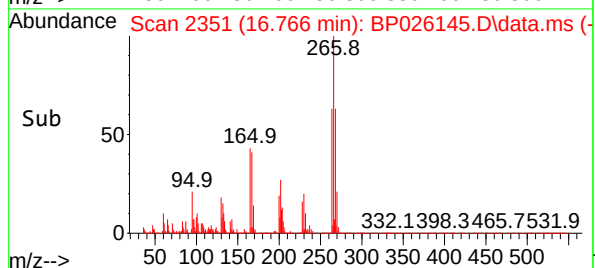
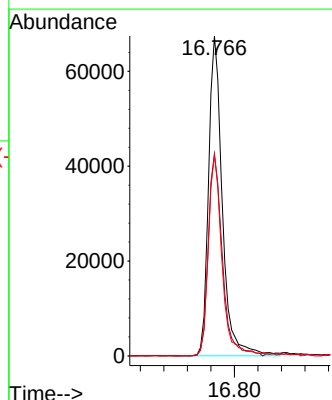
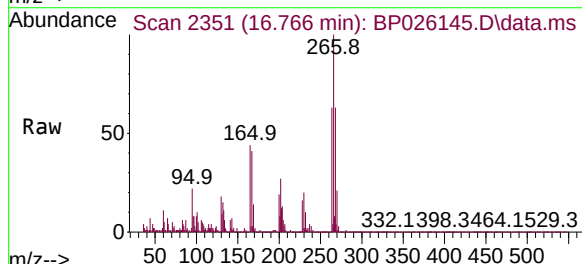
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

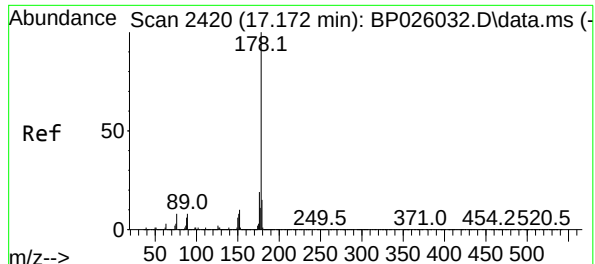
Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.0	6.7	46.7
215	47.9	27.4	67.4



#70
Pentachlorophenol
Concen: 10.777 ng
RT: 16.766 min Scan# 2351
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.0	76.4
264	62.8	50.2	75.2

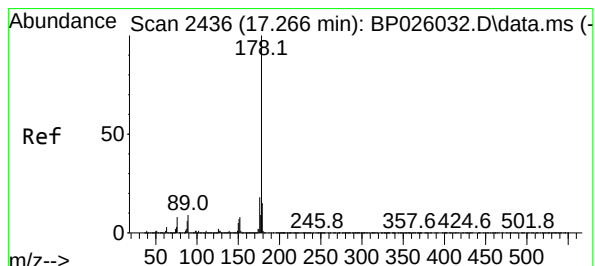
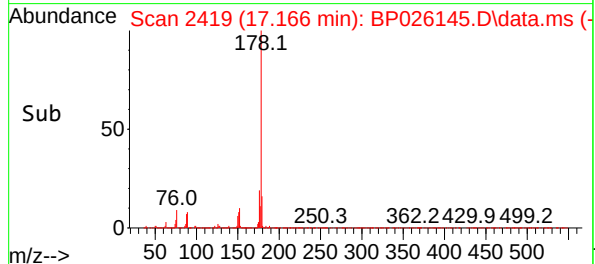
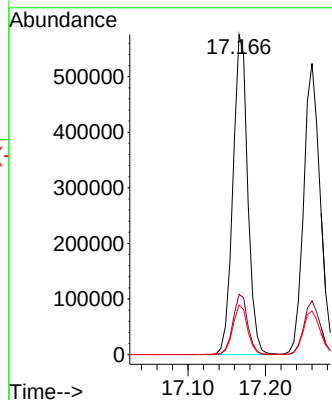
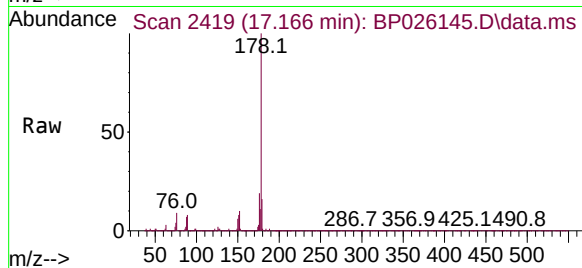




#71
Phenanthrene
Concen: 10.200 ng
RT: 17.166 min Scan# 2419
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

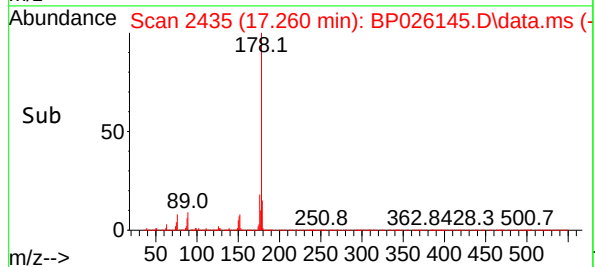
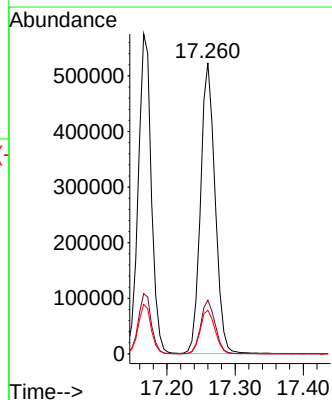
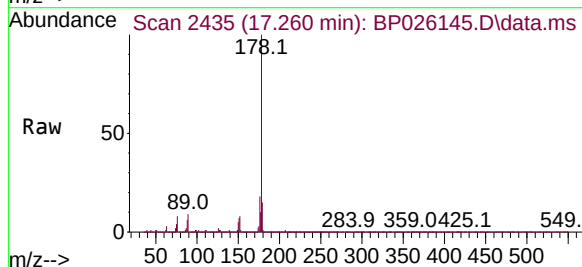
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

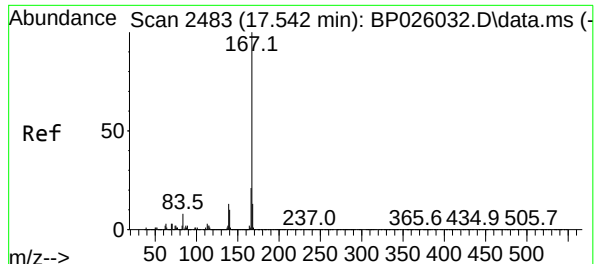
Tgt Ion:178 Resp: 764343
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.5 12.4 18.6



#72
Anthracene
Concen: 10.360 ng
RT: 17.260 min Scan# 2435
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:178 Resp: 774553
Ion Ratio Lower Upper
178 100
176 18.4 14.8 22.2
179 15.0 12.2 18.4

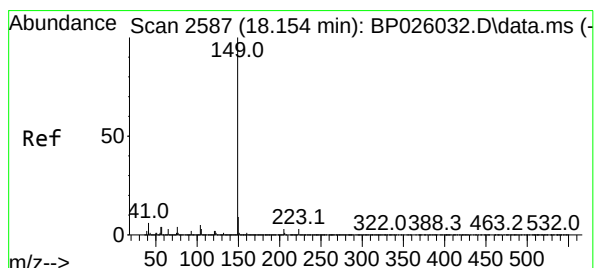
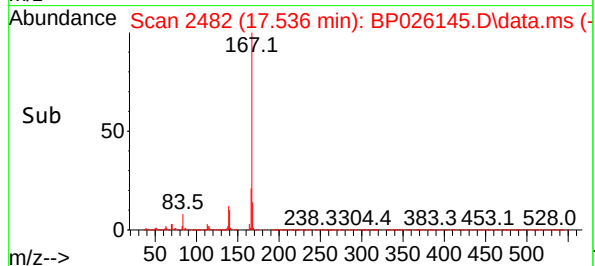
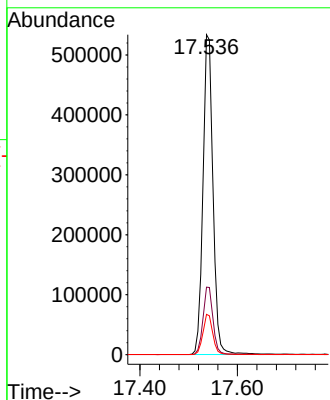
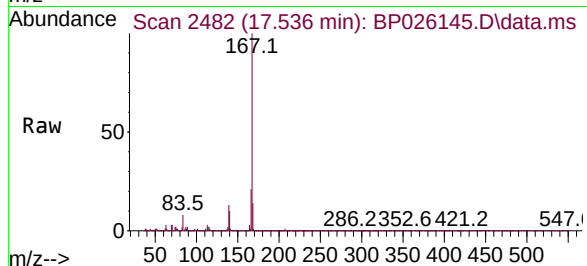




#73
Carbazole
Concen: 10.854 ng
RT: 17.536 min Scan# 2483
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

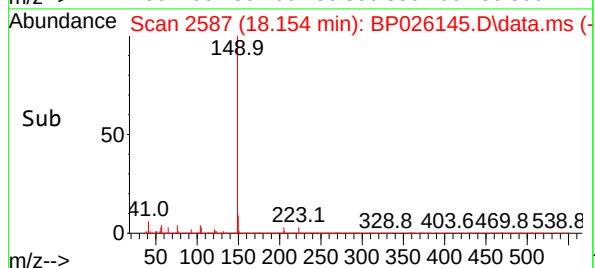
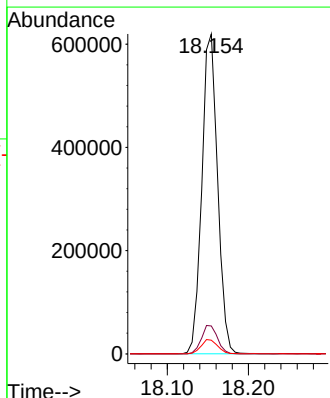
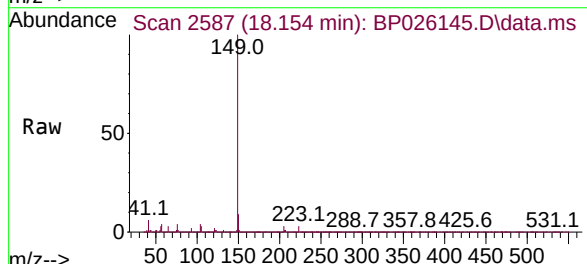
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

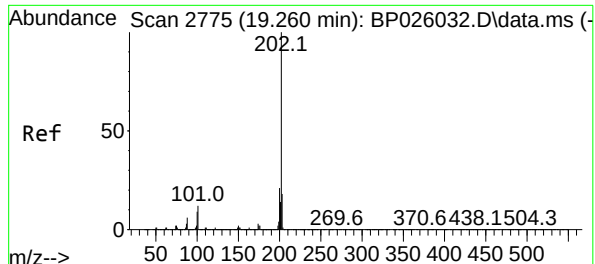
Tgt Ion:167 Resp: 763690
Ion Ratio Lower Upper
167 100
166 21.1 17.1 25.7
139 12.6 10.2 15.4



#74
Di-n-butylphthalate
Concen: 10.517 ng
RT: 18.154 min Scan# 2587
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:149 Resp: 836819
Ion Ratio Lower Upper
149 100
150 8.7 7.5 11.3
104 4.3 3.6 5.4

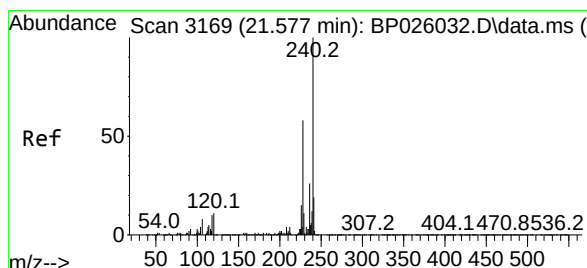
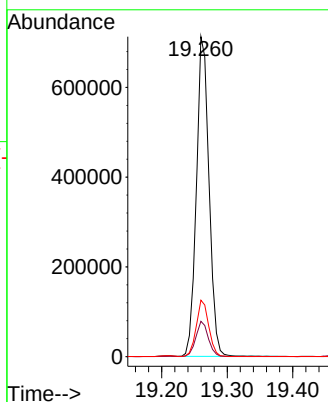
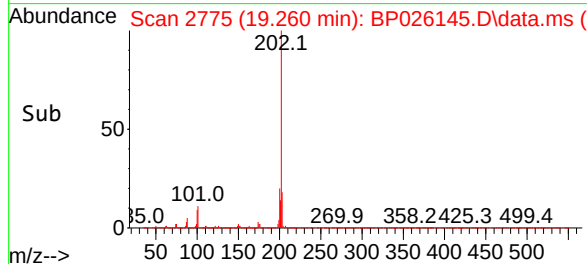
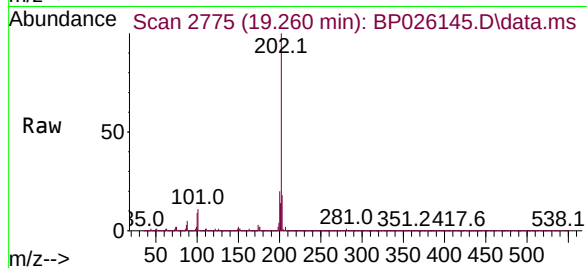




#75
Fluoranthene
Concen: 10.812 ng
RT: 19.260 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

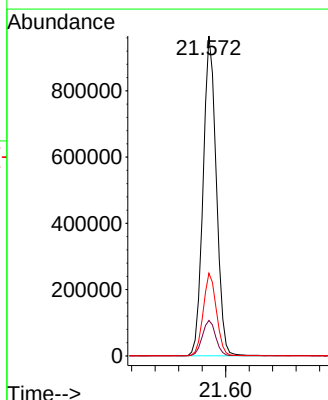
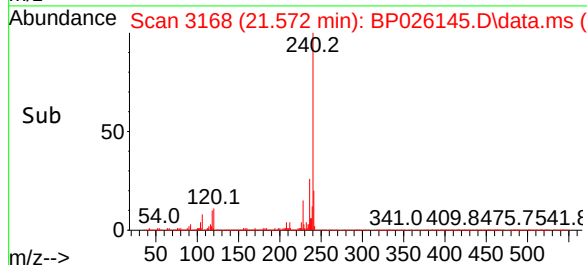
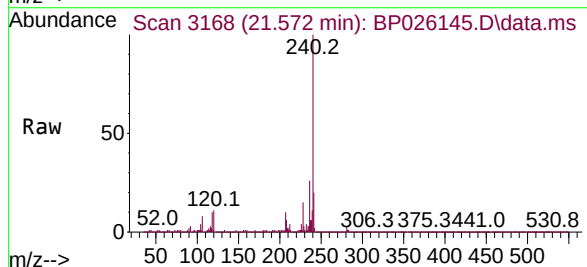
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

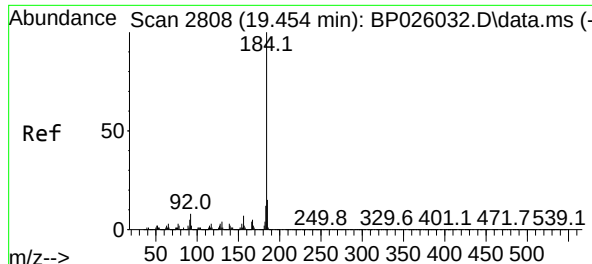
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	31.2
203	17.6	0.0	37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.572 min Scan# 3168
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.0	13.4
236	25.8	20.4	30.6





#77

Benzidine

Concen: 13.836 ng

RT: 19.460 min Scan# 2809

Delta R.T. -0.006 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

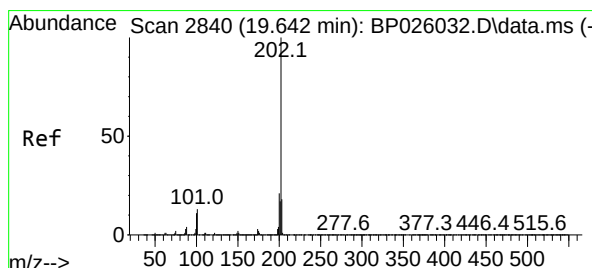
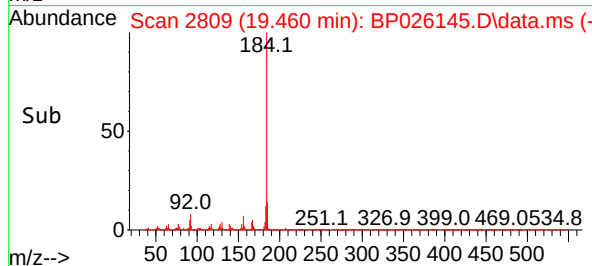
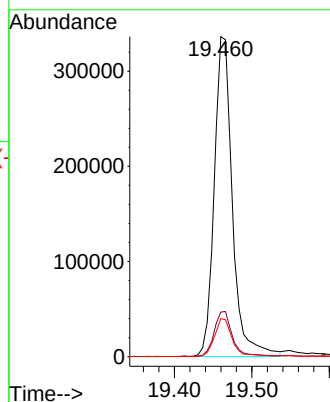
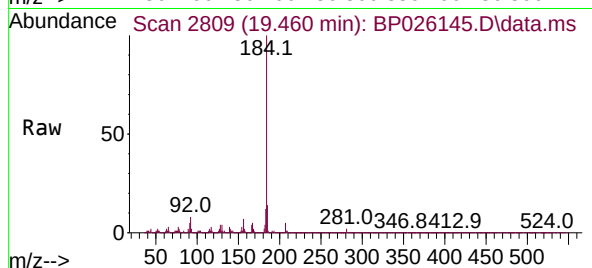
Tgt Ion:184 Resp: 547975

Ion Ratio Lower Upper

184 100

185 13.9 11.3 16.9

183 11.9 9.0 13.6



#78

Pyrene

Concen: 9.871 ng

RT: 19.642 min Scan# 2840

Delta R.T. 0.000 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

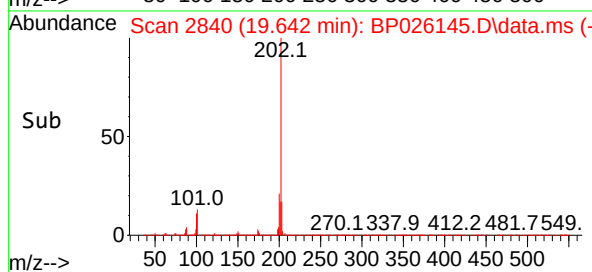
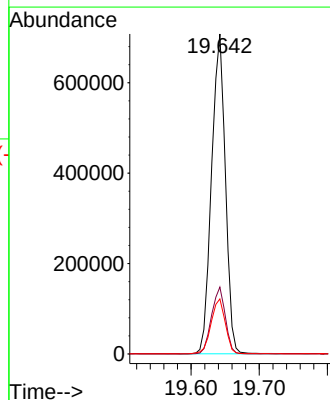
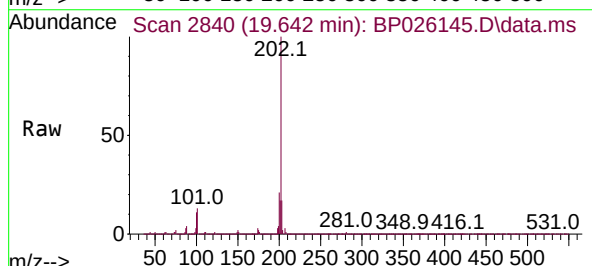
Tgt Ion:202 Resp: 994219

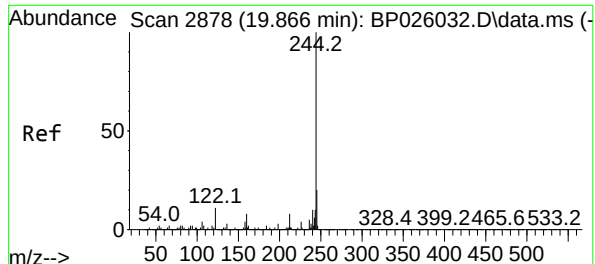
Ion Ratio Lower Upper

202 100

200 20.9 16.9 25.3

203 17.2 13.8 20.8

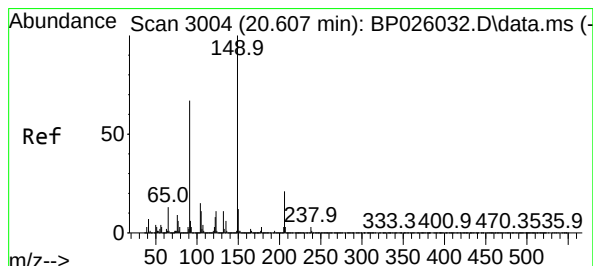
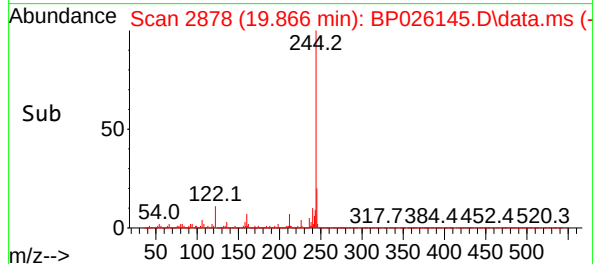
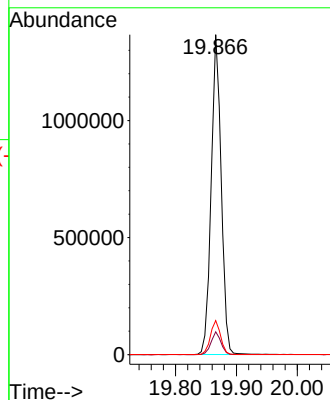
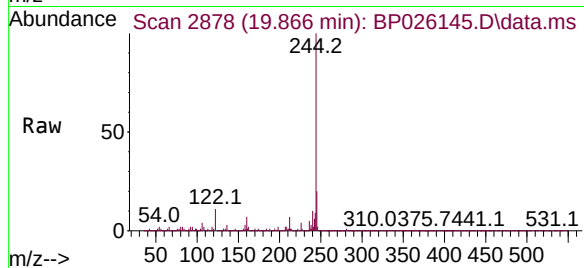




#79
Terphenyl-d14
Concen: 21.144 ng
RT: 19.866 min Scan# 2878
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

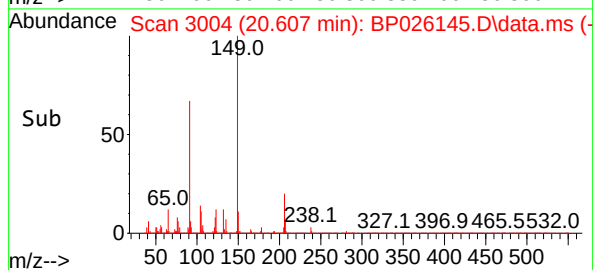
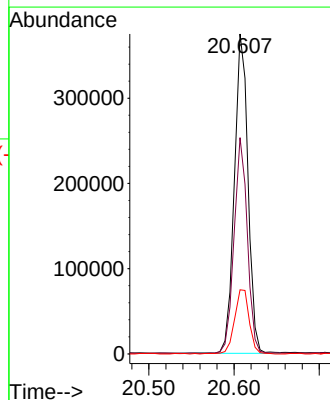
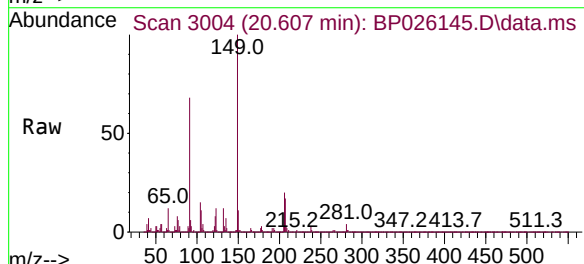
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

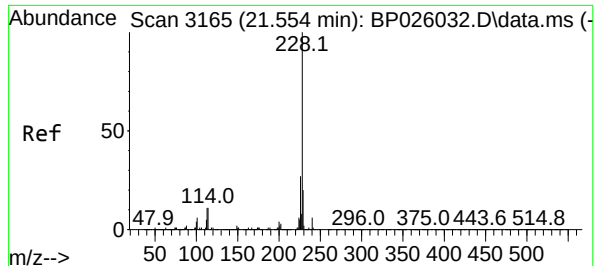
Tgt Ion:244 Resp: 1563806
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 10.6 8.2 12.2



#80
Butylbenzylphthalate
Concen: 12.328 ng
RT: 20.607 min Scan# 3004
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:149 Resp: 416294
Ion Ratio Lower Upper
149 100
91 67.6 52.6 79.0
206 20.0 16.9 25.3

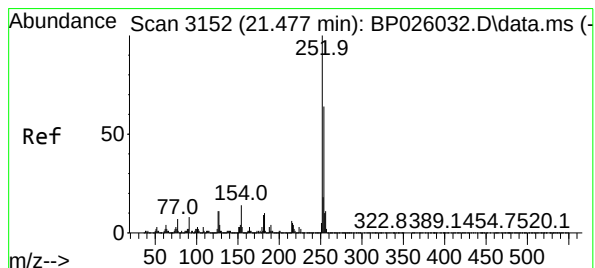
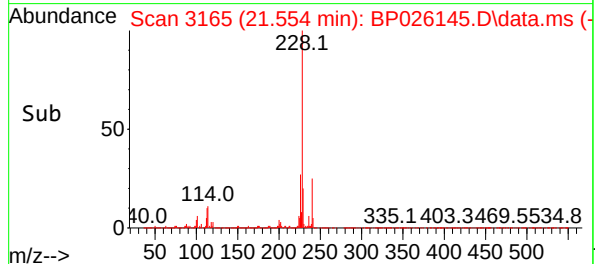
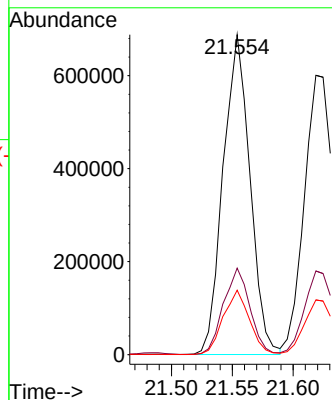
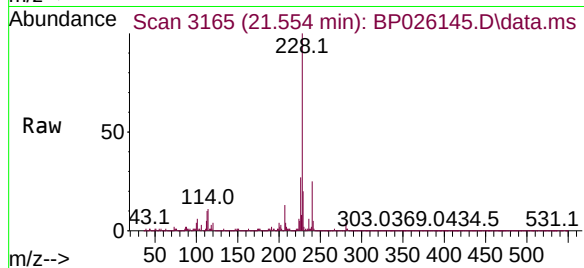




#81
Benzo(a)anthracene
Concen: 10.258 ng
RT: 21.554 min Scan# 3165
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

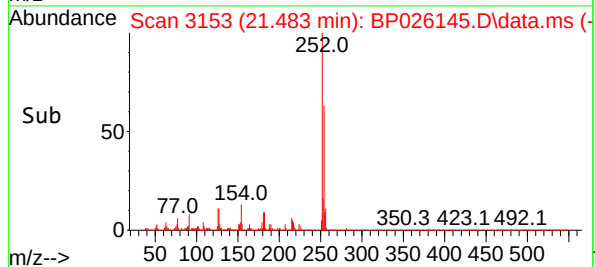
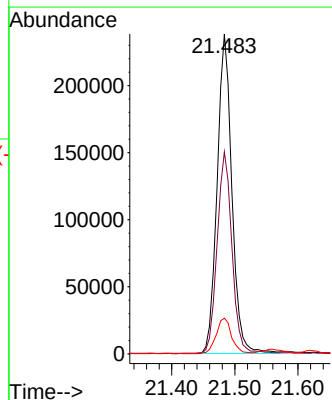
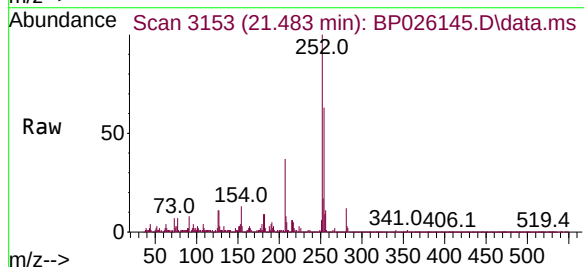
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

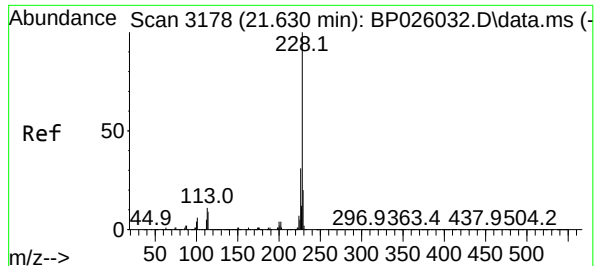
Tgt Ion:228 Resp: 1056422
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.8
229 20.1 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 11.403 ng
RT: 21.483 min Scan# 3153
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:252 Resp: 386780
Ion Ratio Lower Upper
252 100
254 63.1 51.2 76.8
126 11.2 8.2 12.4





#83

Chrysene

Concen: 10.321 ng

RT: 21.619 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

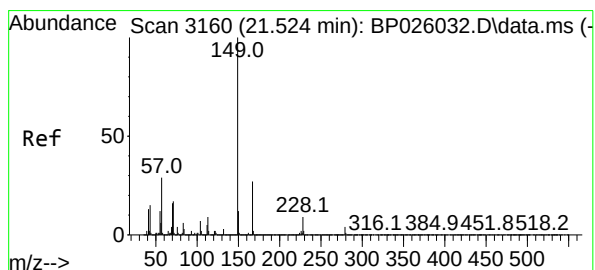
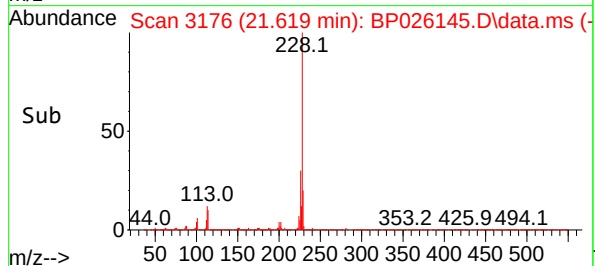
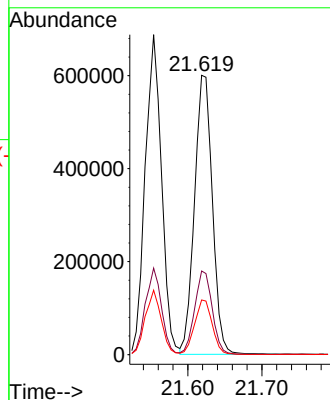
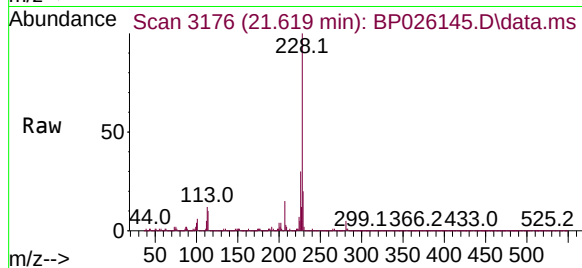
Tgt Ion:228 Resp: 1007569

Ion Ratio Lower Upper

228 100

226 29.9 23.9 35.9

229 19.6 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 11.273 ng

RT: 21.519 min Scan# 3159

Delta R.T. 0.000 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

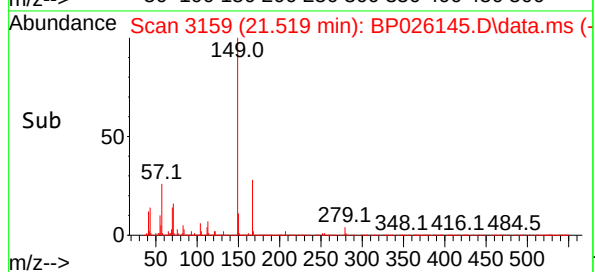
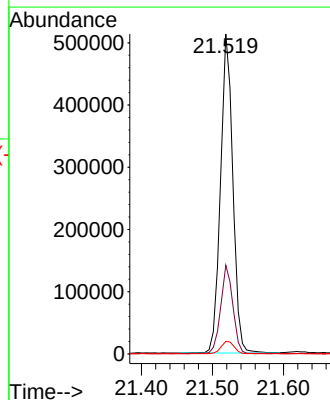
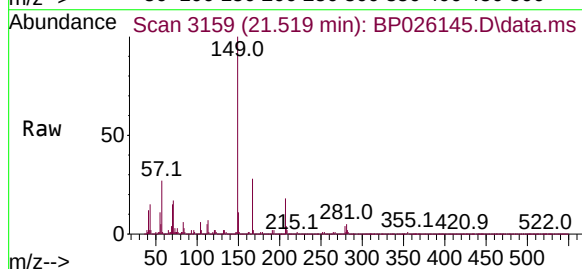
Tgt Ion:149 Resp: 622482

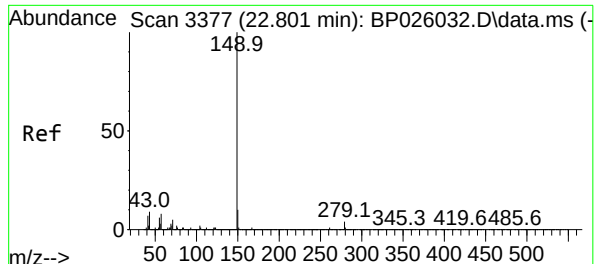
Ion Ratio Lower Upper

149 100

167 27.7 22.1 33.1

279 4.0 3.3 4.9

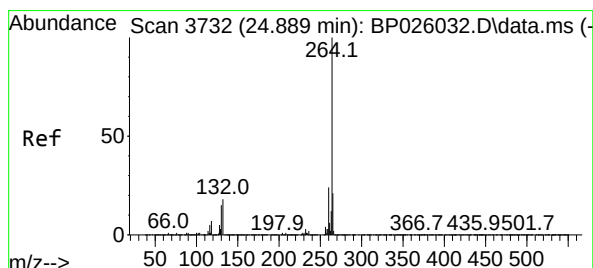
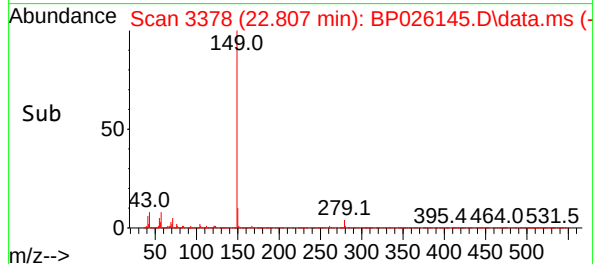
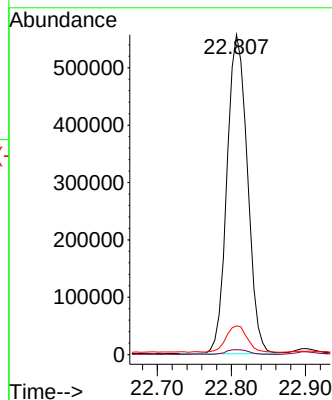
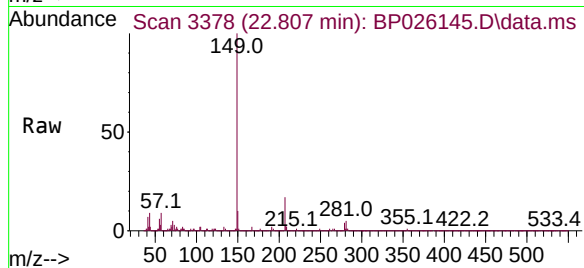




#85
Di-n-octyl phthalate
Concen: 11.335 ng
RT: 22.807 min Scan# 3377
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

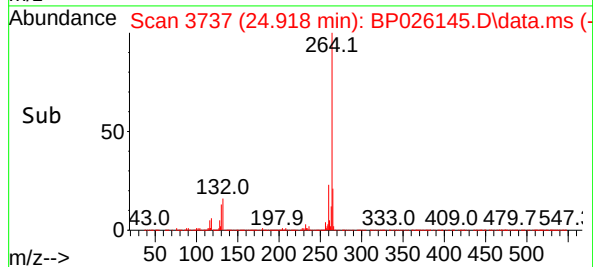
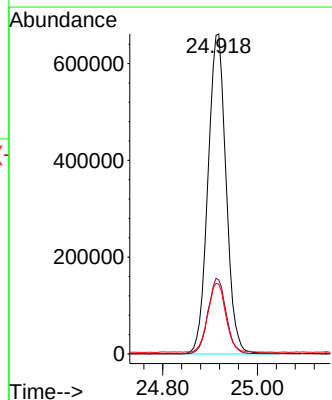
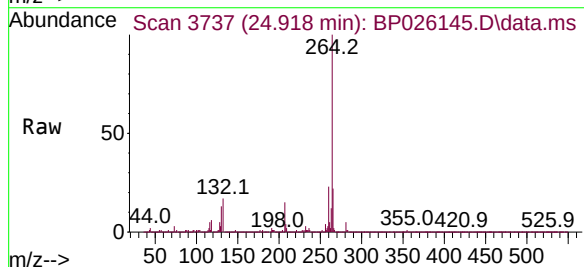
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

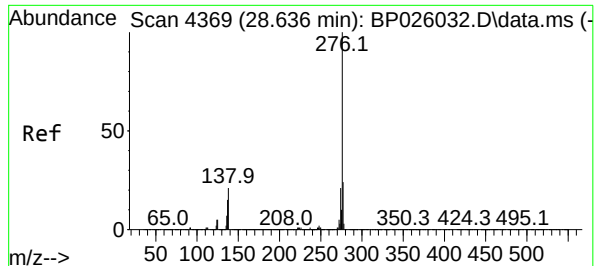
Tgt Ion:149 Resp: 1066561
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.5 6.6 10.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.918 min Scan# 3737
Delta R.T. 0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:264 Resp: 1757840
Ion Ratio Lower Upper
264 100
260 23.1 18.7 28.1
265 21.8 17.5 26.3

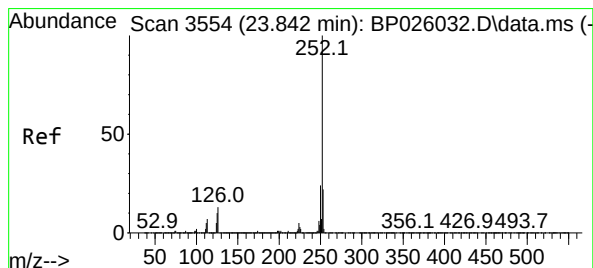
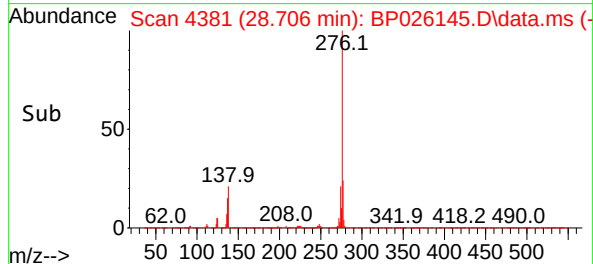
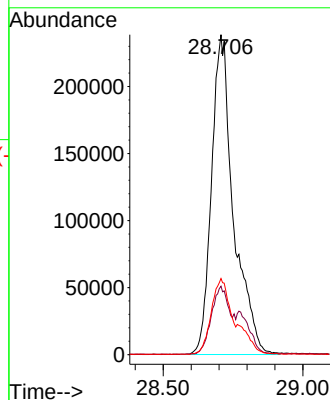
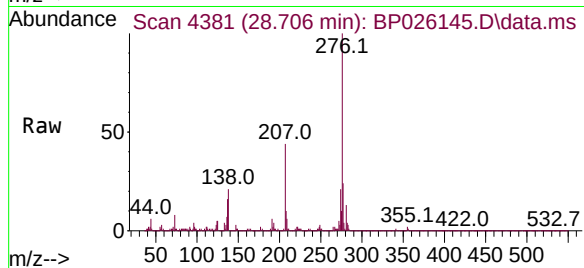




#87
Indeno(1,2,3-cd)pyrene
Concen: 10.110 ng
RT: 28.706 min Scan# 4369
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

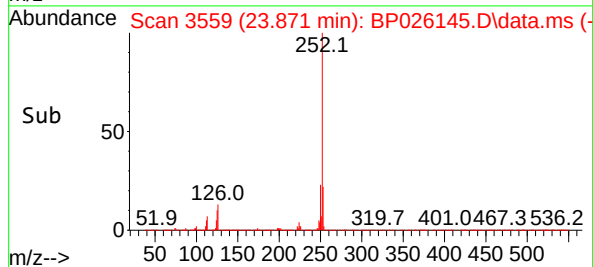
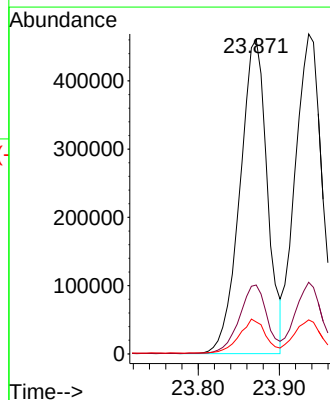
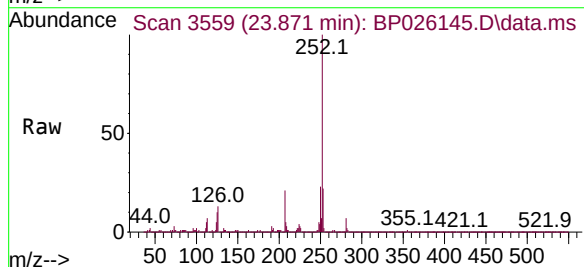
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

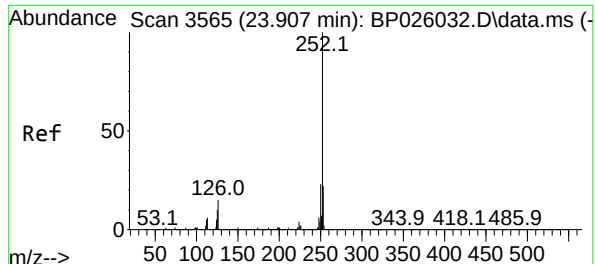
Tgt Ion:276 Resp: 1303884
Ion Ratio Lower Upper
276 100
138 17.0 13.8 20.8
277 19.9 16.7 25.1



#88
Benzo(b)fluoranthene
Concen: 9.993 ng
RT: 23.871 min Scan# 3559
Delta R.T. 0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:252 Resp: 1077584
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 10.1 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 9.789 ng

RT: 23.936 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

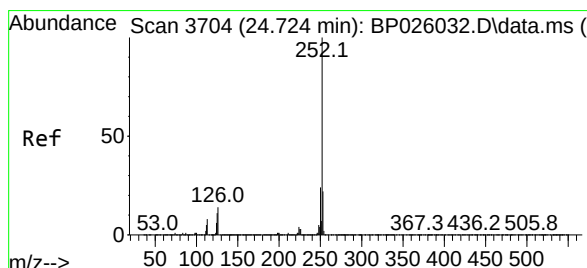
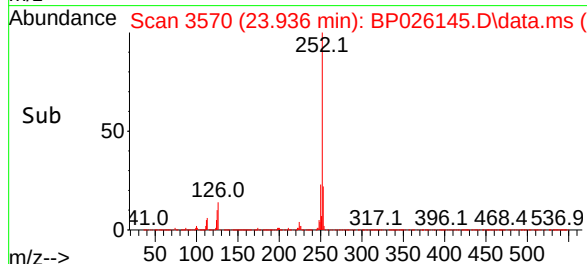
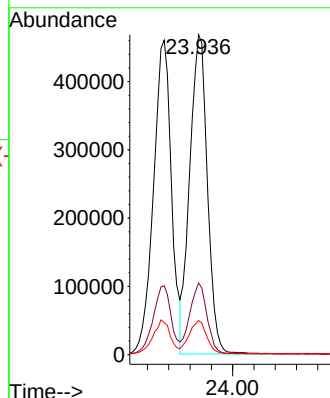
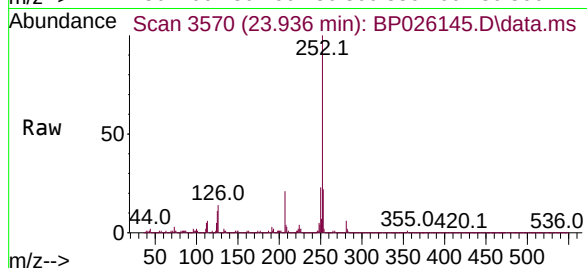
Tgt Ion:252 Resp: 1079191

Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

125 10.6 7.5 11.3



#90

Benzo(a)pyrene

Concen: 10.165 ng

RT: 24.754 min Scan# 3709

Delta R.T. 0.000 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

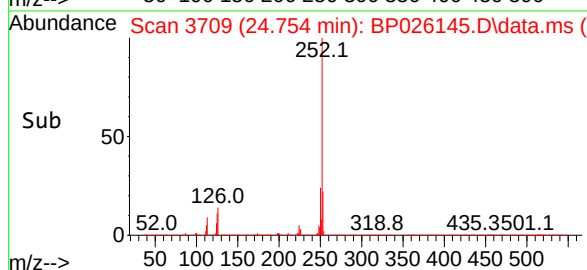
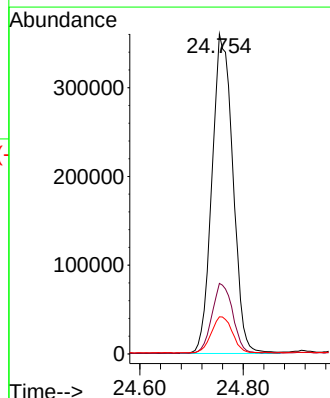
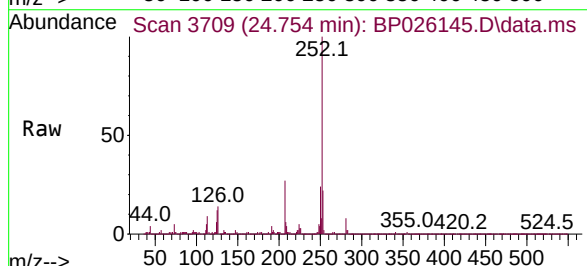
Tgt Ion:252 Resp: 1013571

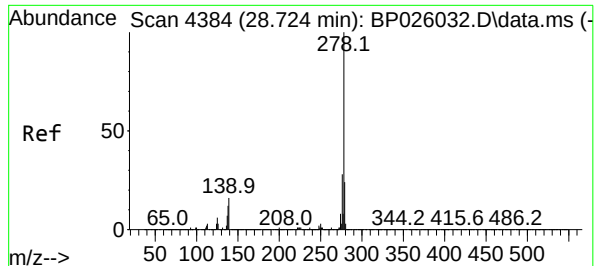
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 11.6 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 10.197 ng

RT: 28.777 min Scan# 43

Delta R.T. -0.017 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

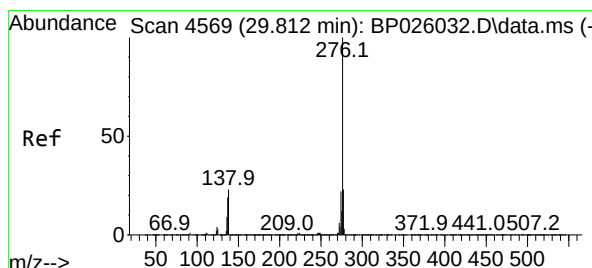
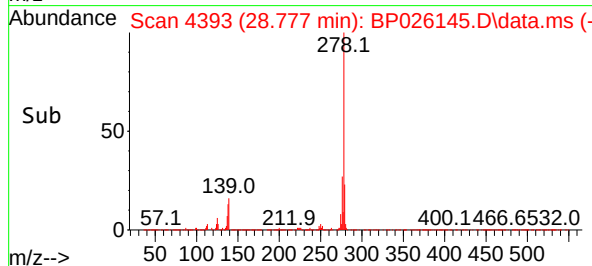
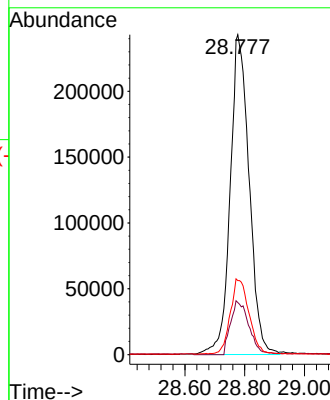
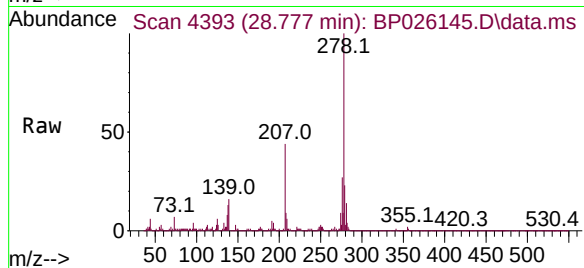
Tgt Ion:278 Resp: 1072192

Ion Ratio Lower Upper

278 100

139 16.3 13.2 19.8

279 23.1 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 10.641 ng

RT: 29.865 min Scan# 4578

Delta R.T. -0.017 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

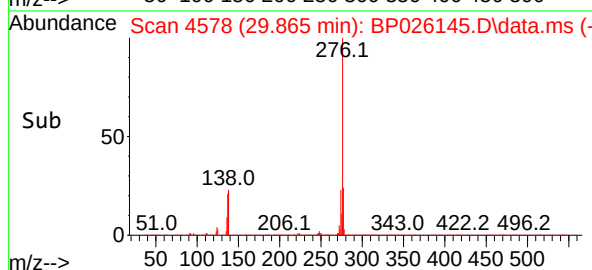
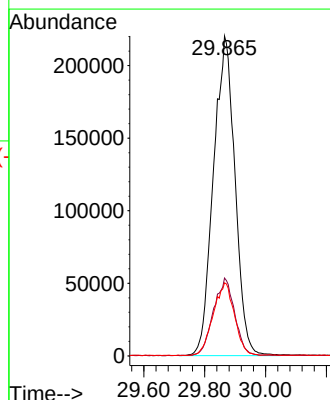
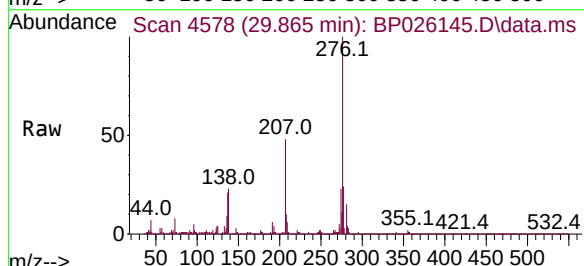
Tgt Ion:276 Resp: 1080830

Ion Ratio Lower Upper

276 100

277 24.3 18.8 28.2

138 22.8 17.8 26.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
 Data File : BP026146.D
 Acq On : 18 Nov 2025 16:35
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 19 00:40:15 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 19 00:37:08 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.672	152	298291	20.000	ng	0.00
21) Naphthalene-d8	10.449	136	1240005	20.000	ng	0.00
39) Acenaphthene-d10	14.319	164	810030	20.000	ng	0.00
64) Phenanthrene-d10	17.125	188	1709036	20.000	ng	0.00
76) Chrysene-d12	21.589	240	1880769	20.000	ng	0.02
86) Perylene-d12	24.924	264	2127701	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.290	112	762064	42.149	ng	0.00
7) Phenol-d6	6.849	99	967986	42.206	ng	0.00
23) Nitrobenzene-d5	8.813	82	898109	44.814	ng	0.00
42) 2,4,6-Tribromophenol	15.837	330	442990	49.922	ng	0.00
45) 2-Fluorobiphenyl	12.925	172	2354273	41.935	ng	0.00
79) Terphenyl-d14	19.878	244	3990615	43.268	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.225	88	156200	20.591	ng	99
3) Pyridine	3.620	79	450325	20.880	ng	99
4) n-Nitrosodimethylamine	3.525	42	167064	19.544	ng	95
6) Aniline	7.002	93	642407	21.012	ng	99
8) 2-Chlorophenol	7.243	128	428984	21.417	ng	98
9) Benzaldehyde	6.819	77	268085	23.205	ng	97
10) Phenol	6.872	94	524201	20.669	ng	98
11) bis(2-Chloroethyl)ether	7.102	93	408052	20.320	ng	99
12) 1,3-Dichlorobenzene	7.561	146	468385	20.475	ng	100
13) 1,4-Dichlorobenzene	7.708	146	473917	20.465	ng	99
14) 1,2-Dichlorobenzene	8.019	146	453824	20.519	ng	100
15) Benzyl Alcohol	7.902	79	352314	21.241	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.196	45	585097	19.455	ng	99
17) 2-Methylphenol	8.108	107	355321	21.308	ng	99
18) Hexachloroethane	8.749	117	169683	21.211	ng	99
19) n-Nitroso-di-n-propyla...	8.472	70	317044	22.304	ng	99
20) 3+4-Methylphenols	8.437	107	494113	21.323	ng	99
22) Acetophenone	8.484	105	656986	21.014	ng	100
24) Nitrobenzene	8.849	77	456901	21.768	ng	99
25) Isophorone	9.384	82	912115	21.502	ng	99
26) 2-Nitrophenol	9.560	139	225396	31.463	ng	99
27) 2,4-Dimethylphenol	9.619	122	418475	23.115	ng	99
28) bis(2-Chloroethoxy)met...	9.860	93	563383	21.042	ng	100
29) 2,4-Dichlorophenol	10.096	162	415150	21.974	ng	99
30) 1,2,4-Trichlorobenzene	10.302	180	417562	20.380	ng	96
31) Naphthalene	10.496	128	1383127	20.547	ng	100
32) Benzoic acid	9.737	122	332008	30.418	ng	98
33) 4-Chloroaniline	10.590	127	594215	22.720	ng	99
34) Hexachlorobutadiene	10.796	225	271388	20.697	ng	99
35) Caprolactam	11.366	113	152491	23.091	ng	98
36) 4-Chloro-3-methylphenol	11.731	107	453497	22.951	ng	99
37) 2-Methylnaphthalene	12.113	142	997491	21.193	ng	99
38) 1-Methylnaphthalene	12.331	142	973734	21.279	ng	99
40) 1,2,4,5-Tetrachloroben...	12.490	216	496403	19.803	ng	100
41) Hexachlorocyclopentadiene	12.472	237	309362	29.677	ng	98
43) 2,4,6-Trichlorophenol	12.725	196	349396	23.301	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
 Data File : BP026146.D
 Acq On : 18 Nov 2025 16:35
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
 Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 19 00:40:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 00:37:08 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.801	196	390063	22.897	ng	99
46) 1,1'-Biphenyl	13.137	154	1280167	20.733	ng	99
47) 2-Chloronaphthalene	13.178	162	985563	20.303	ng	99
48) 2-Nitroaniline	13.372	65	279508	25.032	ng	96
49) Acenaphthylene	14.031	152	1661599	23.158	ng	100
50) Dimethylphthalate	13.772	163	1274006	21.720	ng	99
51) 2,6-Dinitrotoluene	13.884	165	251271	25.482	ng	98
52) Acenaphthene	14.384	154	955446	19.901	ng	100
53) 3-Nitroaniline	14.213	138	297736	24.958	ng	99
54) 2,4-Dinitrophenol	14.431	184	141102	31.181	ng	96
55) Dibenzofuran	14.719	168	1523244	20.834	ng	99
56) 4-Nitrophenol	14.537	139	268085	22.578	ng	99
57) 2,4-Dinitrotoluene	14.678	165	380156	26.418	ng	97
58) Fluorene	15.384	166	1215204	21.155	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.948	232	331539	24.574	ng	99
60) Diethylphthalate	15.166	149	1289507	21.853	ng	100
61) 4-Chlorophenyl-phenyle...	15.384	204	600360	20.967	ng	97
62) 4-Nitroaniline	15.390	138	319109	25.224	ng	100
63) Azobenzene	15.684	77	1089967	20.545	ng	98
65) 4,6-Dinitro-2-methylph...	15.460	198	209402	28.706	ng	94
66) n-Nitrosodiphenylamine	15.601	169	1094982	20.565	ng	100
67) 4-Bromophenyl-phenylether	16.301	248	381732	20.120	ng	99
68) Hexachlorobenzene	16.419	284	443742	20.559	ng	97
69) Atrazine	16.589	200	422452	23.144	ng	98
70) Pentachlorophenol	16.772	266	306483	22.793	ng	99
71) Phenanthrene	17.178	178	2014344	20.401	ng	100
72) Anthracene	17.272	178	2046874	20.778	ng	100
73) Carbazole	17.548	167	1966833	21.216	ng	100
74) Di-n-butylphthalate	18.160	149	2344972	22.368	ng	99
75) Fluoranthene	19.272	202	2482057	21.452	ng	99
77) Benzidine	19.472	184	1379032	27.923	ng	100
78) Pyrene	19.648	202	2586291	20.591	ng	100
80) Butylbenzylphthalate	20.613	149	1151348	27.342	ng	99
81) Benzo(a)anthracene	21.566	228	2702573	21.043	ng	99
82) 3,3'-Dichlorobenzidine	21.483	252	989512	23.394	ng	98
83) Chrysene	21.636	228	2522765	20.723	ng	99
84) Bis(2-ethylhexyl)phtha...	21.530	149	1726261	25.069	ng	99
85) Di-n-octyl phthalate	22.813	149	2956568	25.198	ng	100
87) Indeno(1,2,3-cd)pyrene	28.706	276	3273296m	20.969	ng	
88) Benzo(b)fluoranthene	23.866	252	2704711	20.722	ng	100
89) Benzo(k)fluoranthene	23.942	252	2712398	20.326	ng	99
90) Benzo(a)pyrene	24.754	252	2549616	21.125	ng	99
91) Dibenzo(a,h)anthracene	28.795	278	2711736	21.306	ng	100
92) Benzo(g,h,i)perylene	29.877	276	2666038m	21.686	ng	

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

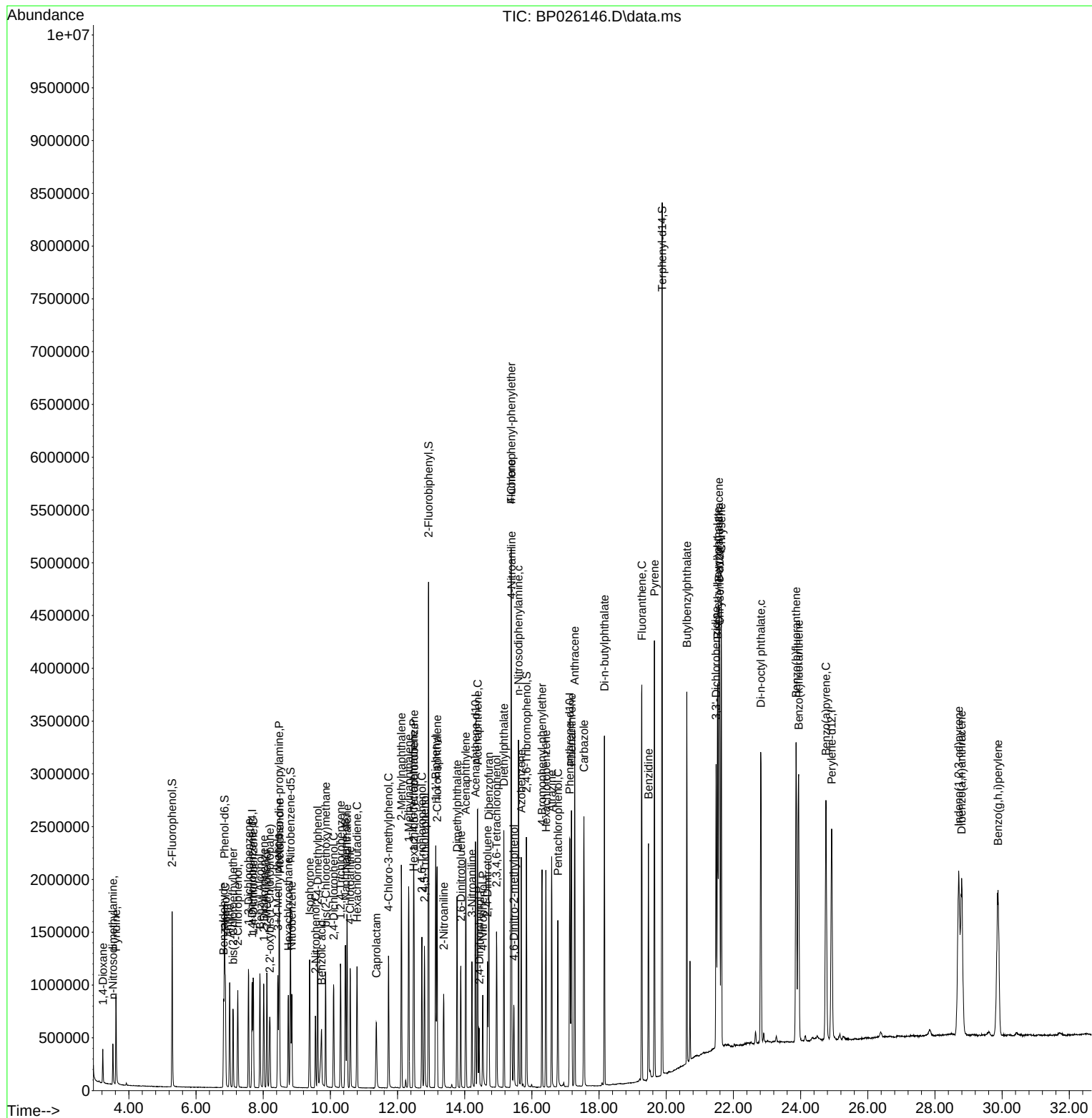

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Data File : BP026146.D  
Acq On    : 18 Nov 2025  16:35  
Operator  : RC/JU  
Sample    : SSTDICC020  
Misc      :  
ALS Vial  : 5    Sample Multiplier: 1
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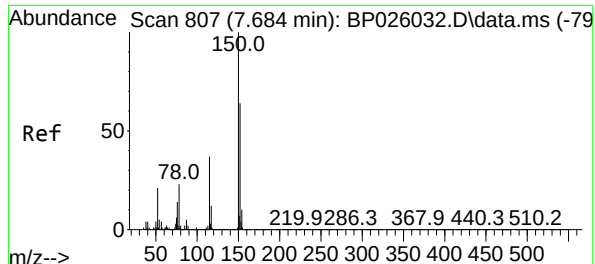
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

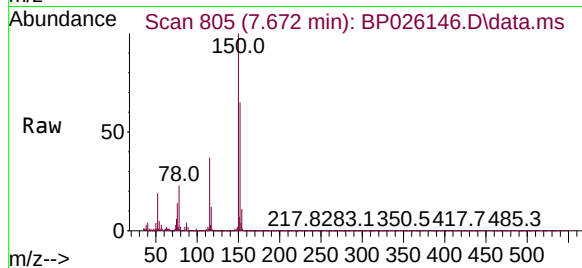
Quant Time: Nov 19 00:40:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.672 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

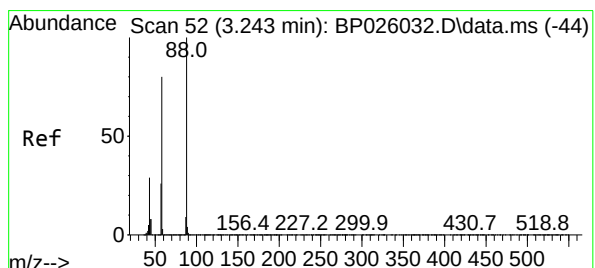
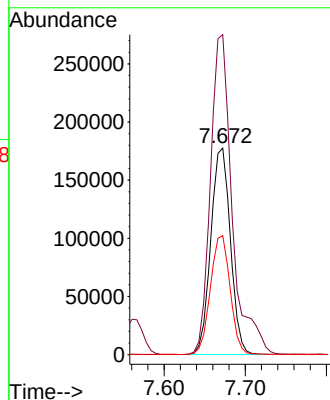
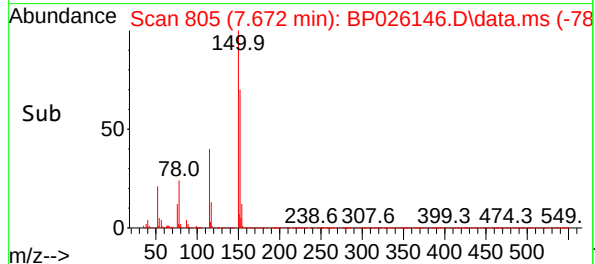
Instrument :
BNA_P
Client Sample Id :
SSTDICC020



Tgt Ion: 152 Resp: 298291
Ion Ratio Lower Upper
152 100
150 155.0 123.0 184.6
115 57.6 46.3 69.5

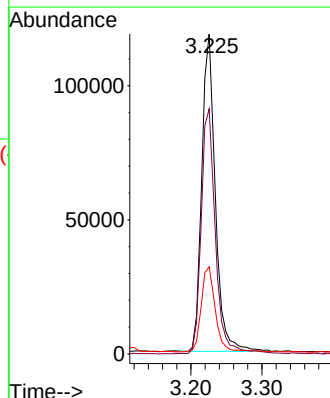
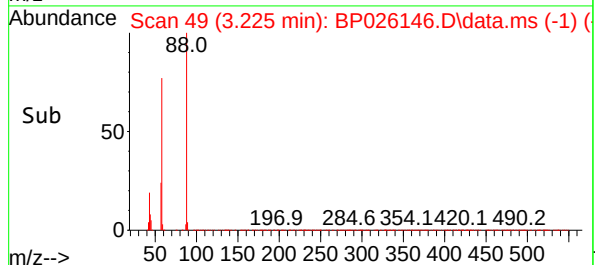
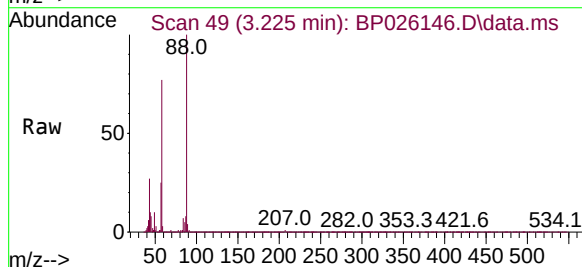
Manual Integrations
APPROVED

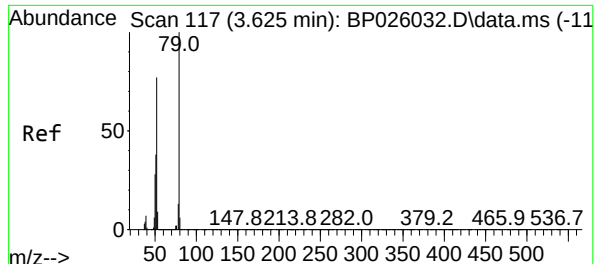
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#2
1,4-Dioxane
Concen: 20.591 ng
RT: 3.225 min Scan# 49
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

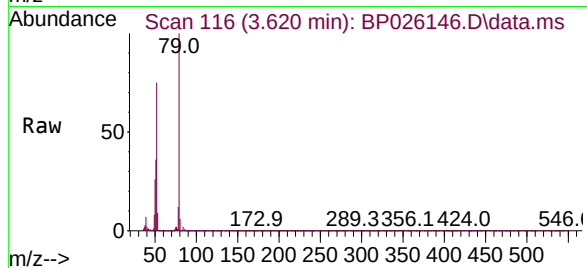
Tgt Ion: 88 Resp: 156200
Ion Ratio Lower Upper
88 100
58 81.0 64.2 96.4
43 28.2 21.5 32.3





#3
Pyridine
Concen: 20.880 ng
RT: 3.620 min Scan# 117
Delta R.T. 0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

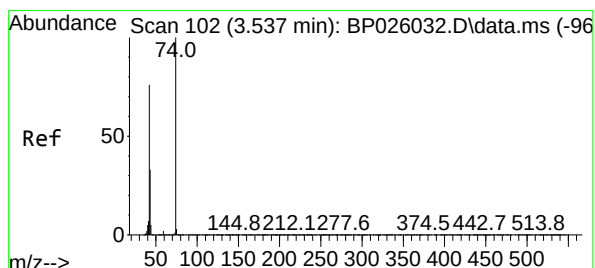
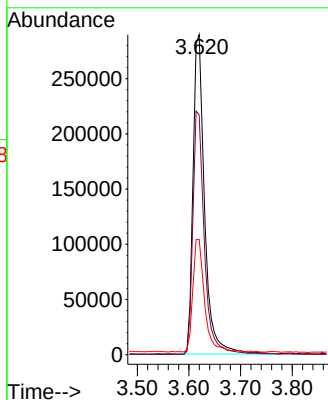
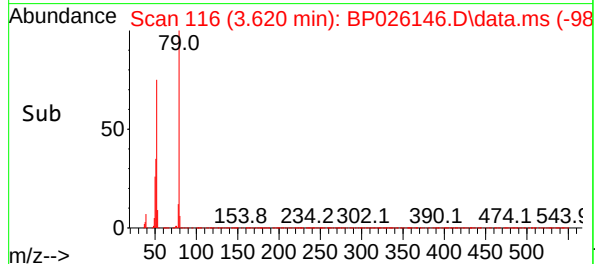
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



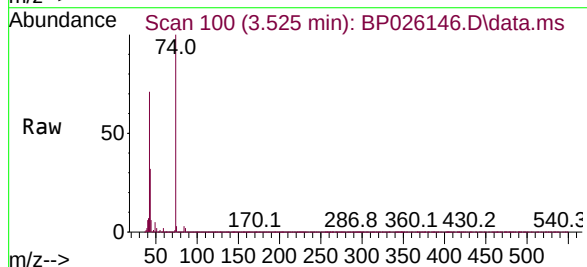
Tgt Ion: 79 Resp: 450325
Ion Ratio Lower Upper
79 100
52 74.9 60.2 90.2
51 36.0 29.5 44.3

Manual Integrations
APPROVED

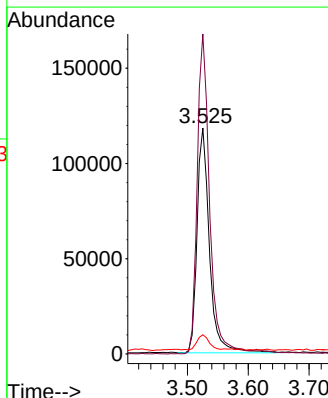
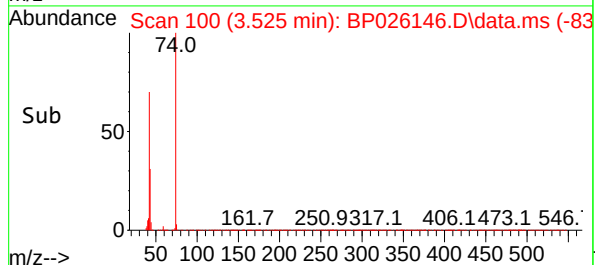
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

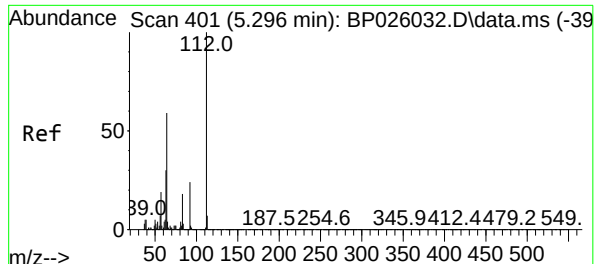


#4
n-Nitrosodimethylamine
Concen: 19.544 ng
RT: 3.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35



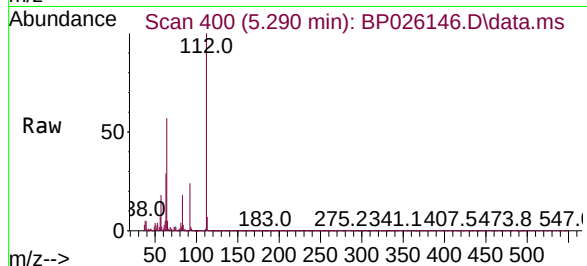
Tgt Ion: 42 Resp: 167064
Ion Ratio Lower Upper
42 100
74 141.6 118.1 177.1
44 8.5 6.2 9.4





#5
2-Fluorophenol
Concen: 42.149 ng
RT: 5.290 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

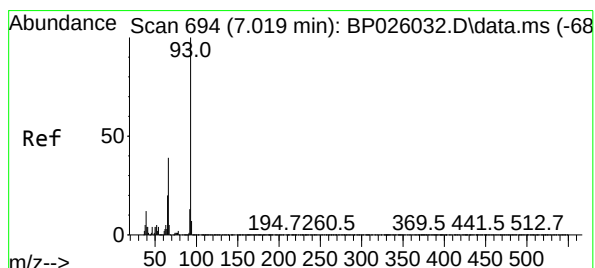
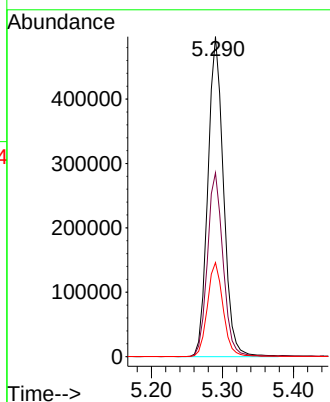
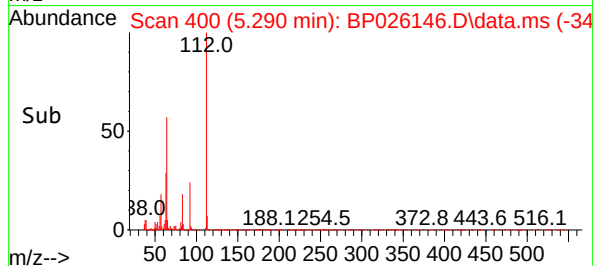
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 112 Resp: 762064
Ion Ratio Lower Upper
112 100
64 57.4 45.8 68.6
63 29.4 23.5 35.3

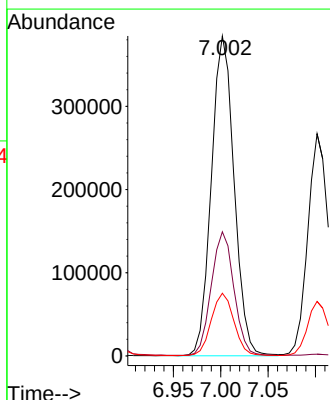
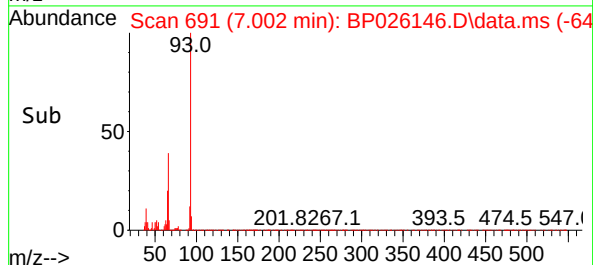
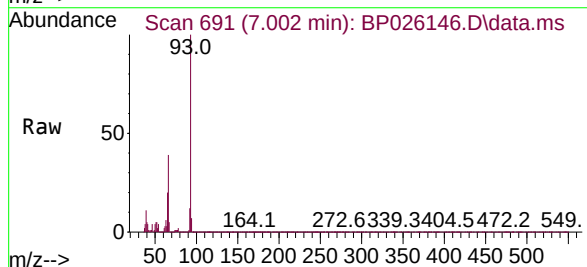
Manual Integrations
APPROVED

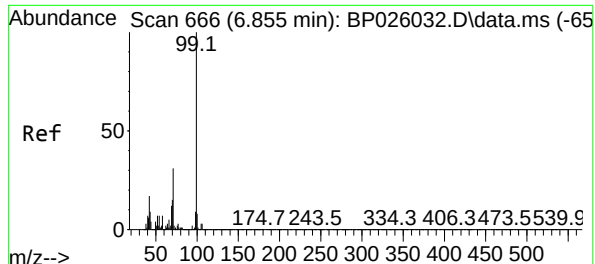
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#6
Aniline
Concen: 21.012 ng
RT: 7.002 min Scan# 691
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

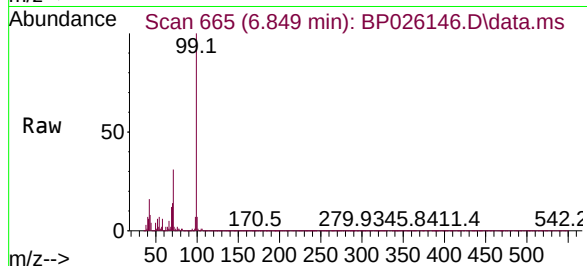
Tgt Ion: 93 Resp: 642407
Ion Ratio Lower Upper
93 100
66 38.8 31.7 47.5
65 19.6 15.8 23.6





#7
Phenol-d6
Concen: 42.206 ng
RT: 6.849 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

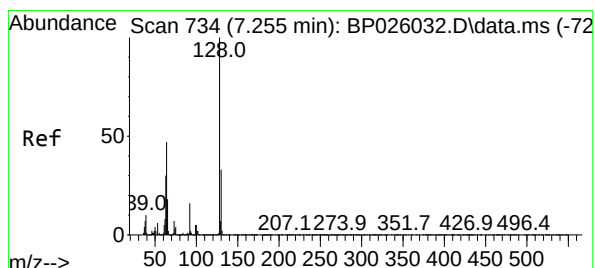
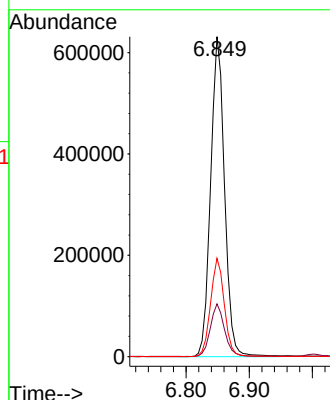
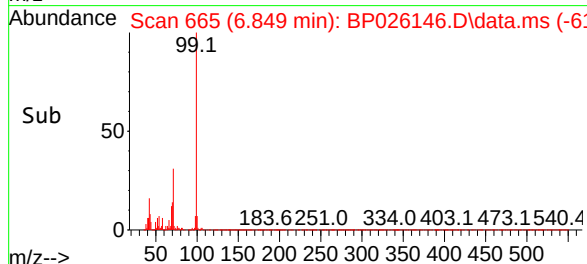
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



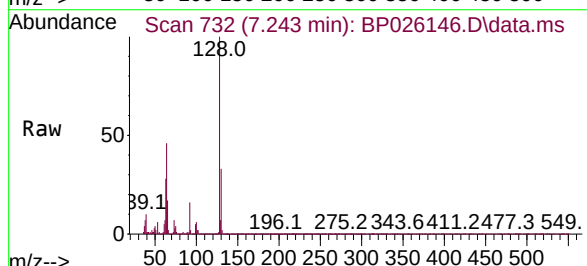
Tgt Ion: 99 Resp: 967986
Ion Ratio Lower Upper
99 100
42 16.5 12.9 19.3
71 30.7 24.8 37.2

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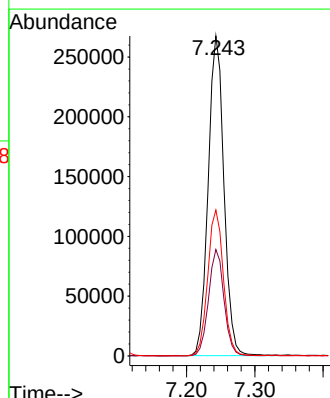
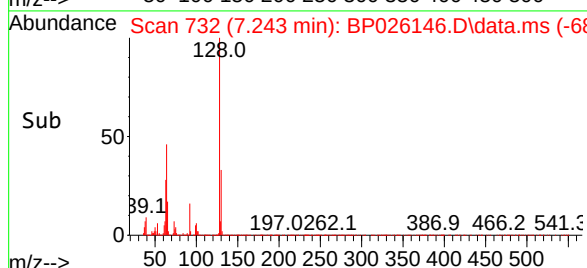
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

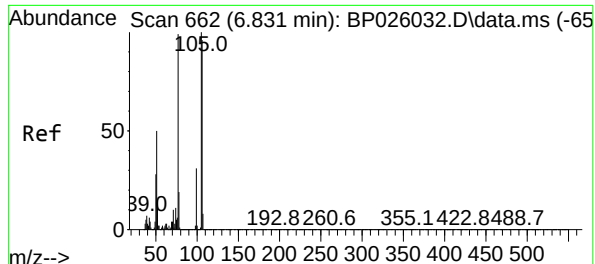


#8
2-Chlorophenol
Concen: 21.417 ng
RT: 7.243 min Scan# 732
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35



Tgt Ion:128 Resp: 428984
Ion Ratio Lower Upper
128 100
130 33.2 12.4 52.4
64 45.6 23.9 63.9





#9

Benzaldehyde

Concen: 23.205 ng

RT: 6.819 min Scan# 660

Delta R.T. 0.000 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion: 77 Resp: 268085

Ion Ratio Lower Upper

77 100

105 99.3 82.9 122.9

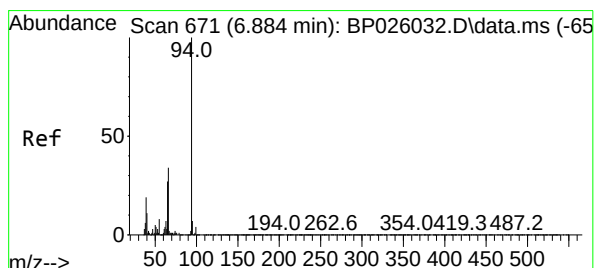
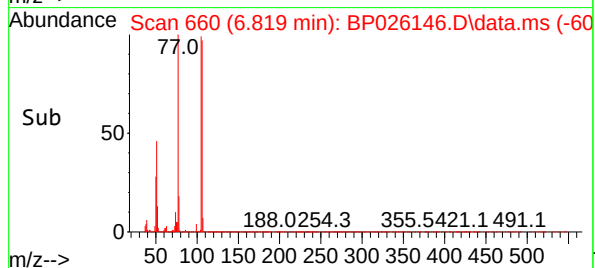
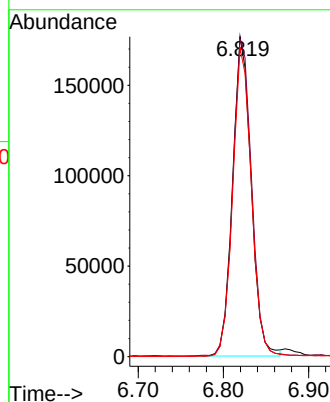
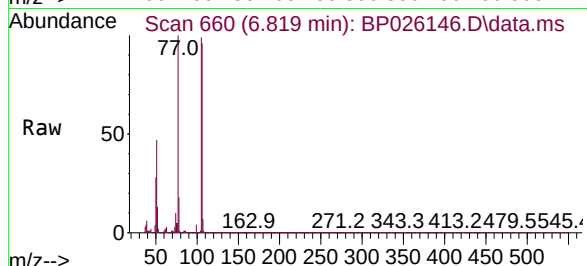
106 96.4 77.8 117.8

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#10

Phenol

Concen: 20.669 ng

RT: 6.872 min Scan# 669

Delta R.T. -0.006 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

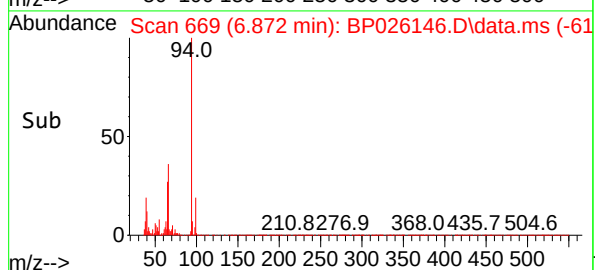
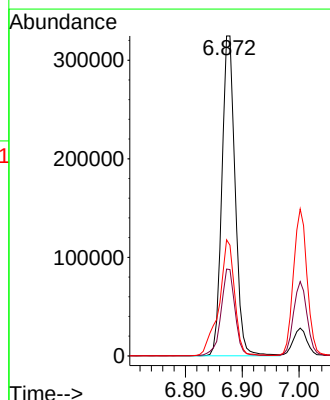
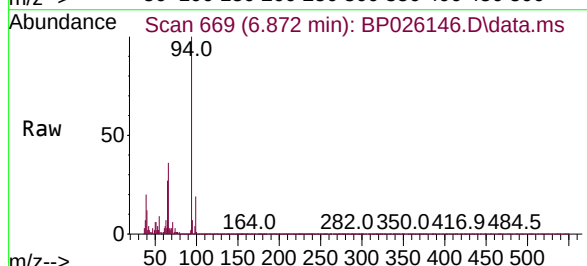
Tgt Ion: 94 Resp: 524201

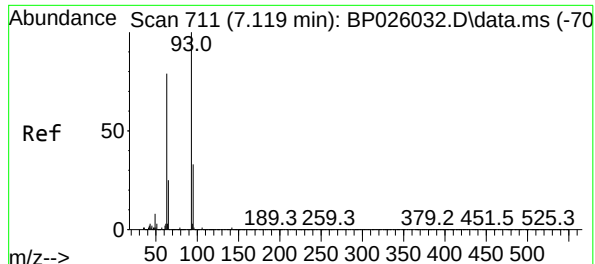
Ion Ratio Lower Upper

94 100

65 27.1 7.0 47.0

66 36.3 14.5 54.5





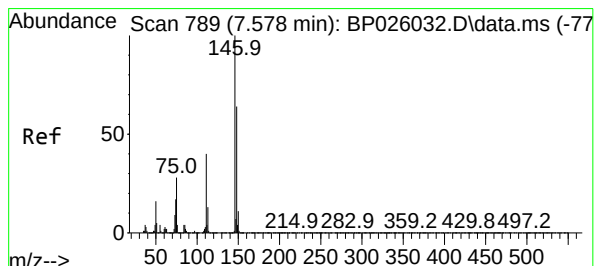
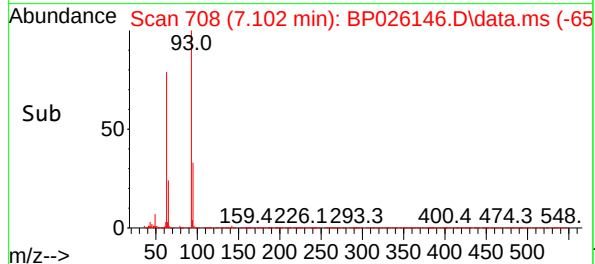
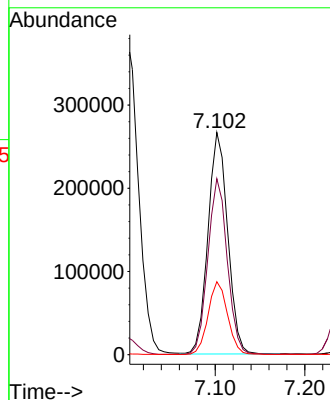
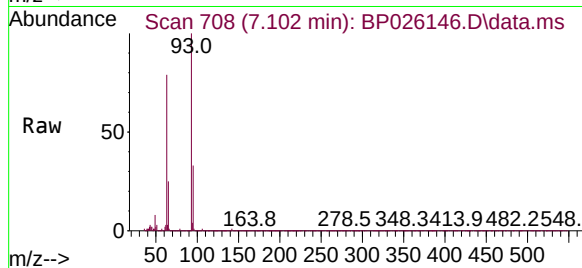
#11
bis(2-Chloroethyl)ether
Concen: 20.320 ng
RT: 7.102 min Scan# 708
Delta R.T. 0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 93 Resp: 408052
Ion Ratio Lower Upper
93 100
63 79.2 58.8 98.8
95 32.8 12.1 52.1

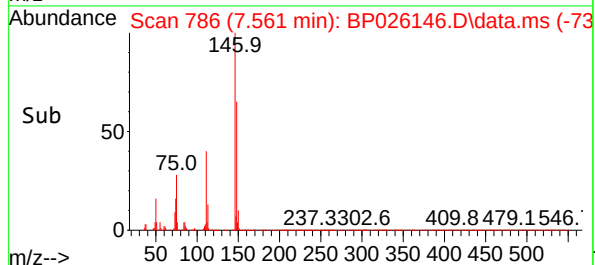
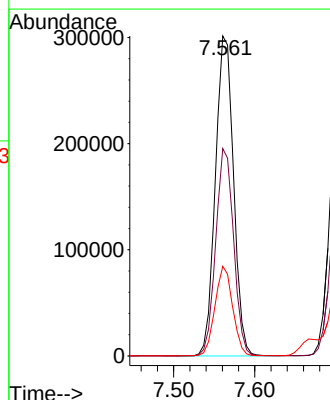
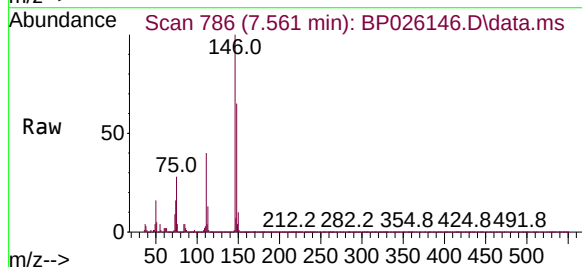
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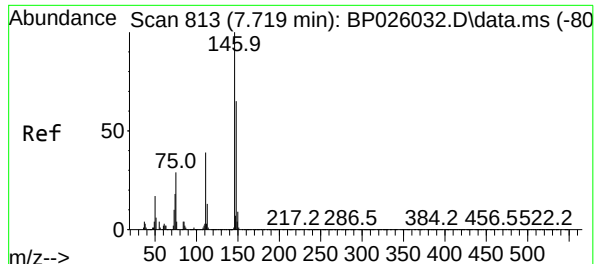
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#12
1,3-Dichlorobenzene
Concen: 20.475 ng
RT: 7.561 min Scan# 786
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:146 Resp: 468385
Ion Ratio Lower Upper
146 100
148 64.8 51.8 77.8
75 28.0 22.2 33.2





#13

1,4-Dichlorobenzene

Concen: 20.465 ng

RT: 7.708 min Scan# 81

Delta R.T. 0.006 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:146 Resp: 47391

Ion Ratio Lower Upper

146 100

148 64.0 51.4 77.2

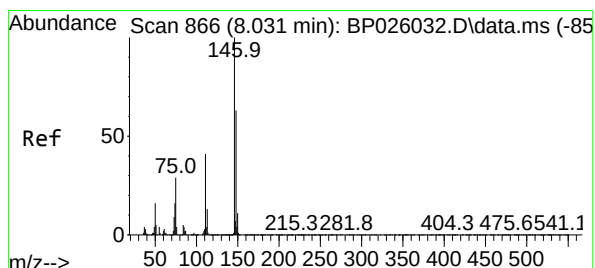
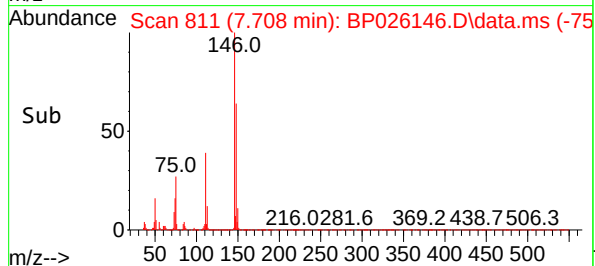
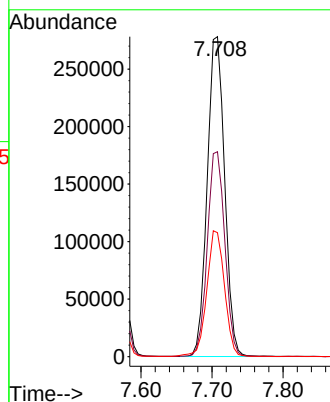
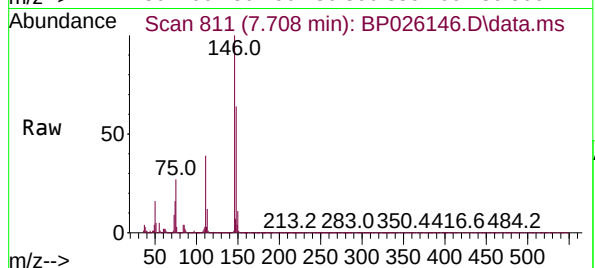
111 38.7 31.7 47.5

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#14

1,2-Dichlorobenzene

Concen: 20.519 ng

RT: 8.019 min Scan# 864

Delta R.T. 0.006 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

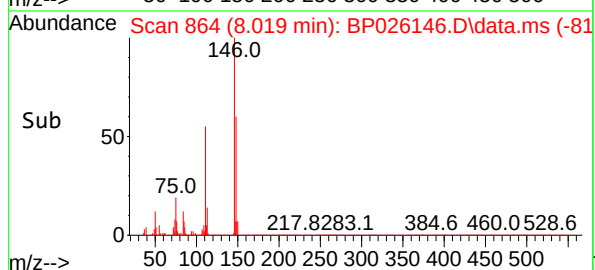
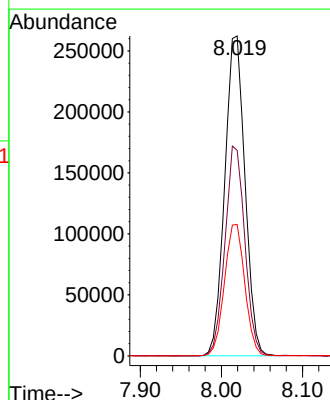
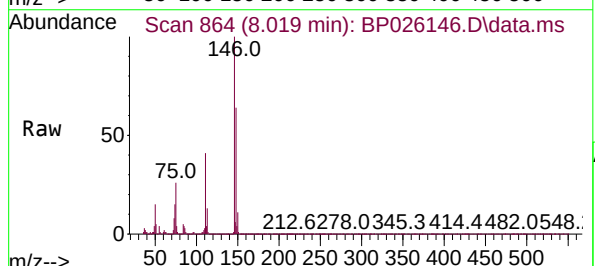
Tgt Ion:146 Resp: 453824

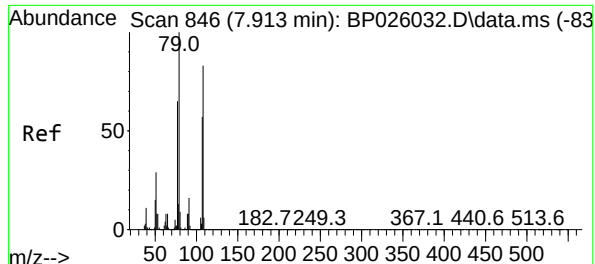
Ion Ratio Lower Upper

146 100

148 64.2 51.0 76.6

111 41.1 33.0 49.4





#15

Benzyl Alcohol

Concen: 21.241 ng

RT: 7.902 min Scan# 84

Delta R.T. -0.006 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion: 79 Resp: 352314

Ion Ratio Lower Upper

79 100

108 83.6 66.2 99.4

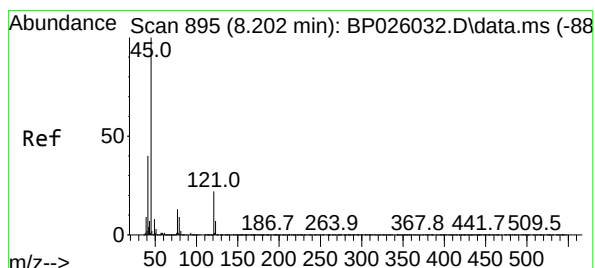
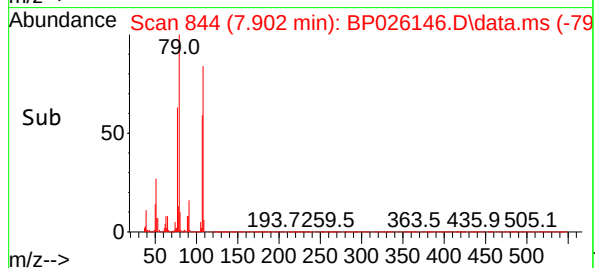
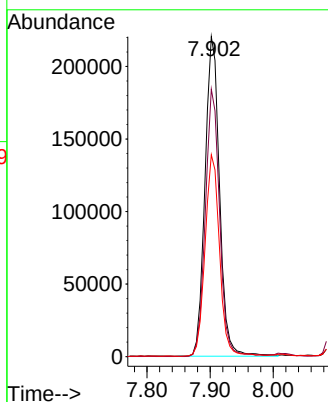
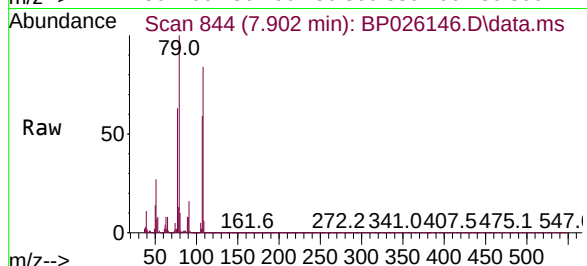
77 63.1 50.0 75.0

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 19.455 ng

RT: 8.196 min Scan# 894

Delta R.T. 0.000 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

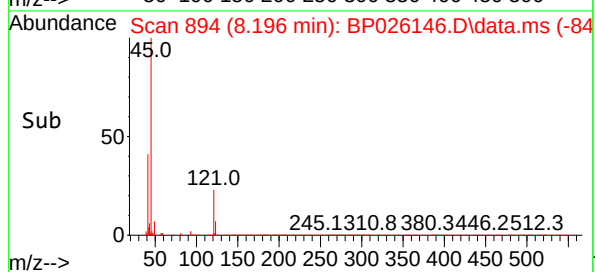
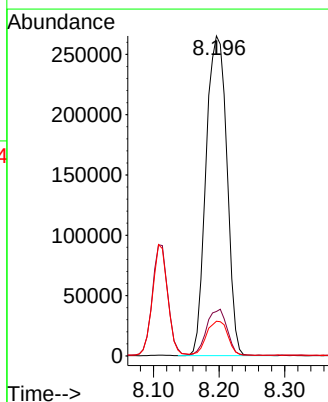
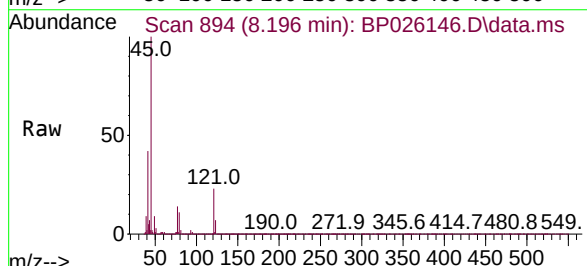
Tgt Ion: 45 Resp: 585097

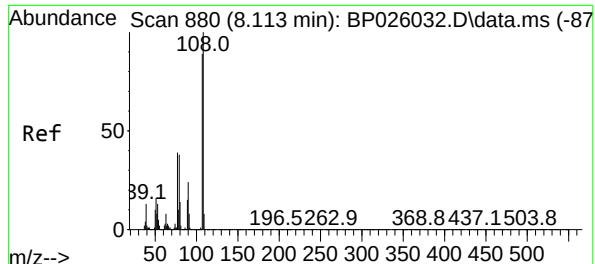
Ion Ratio Lower Upper

45 100

77 13.9 0.0 33.9

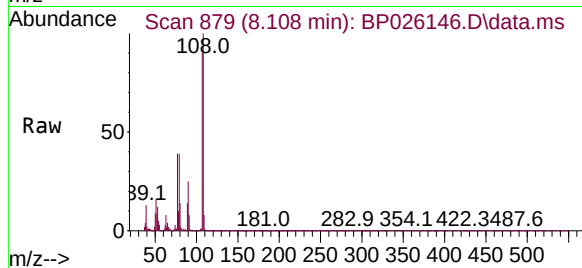
79 10.8 0.0 30.4





#17
2-Methylphenol
Concen: 21.308 ng
RT: 8.108 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

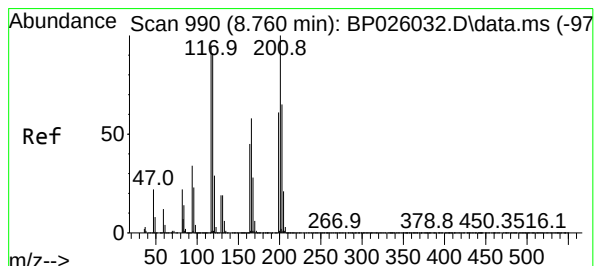
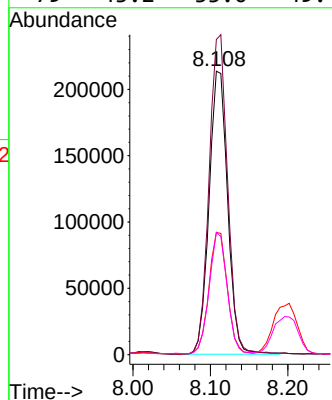
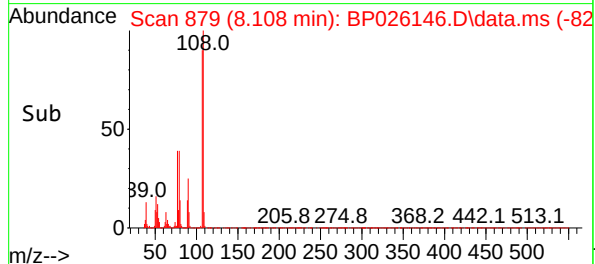
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:107 Resp: 35532
Ion Ratio Lower Upper
107 100
108 111.2 89.7 134.5
77 43.1 33.9 50.9
79 43.2 33.0 49.4

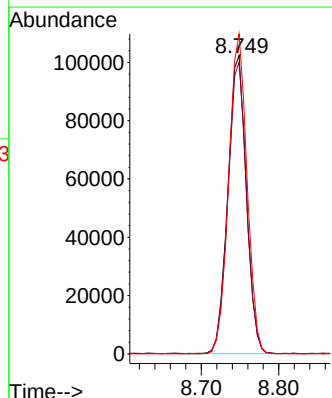
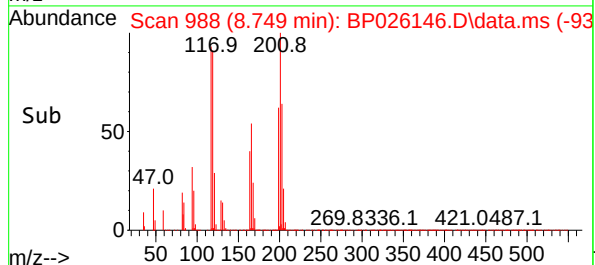
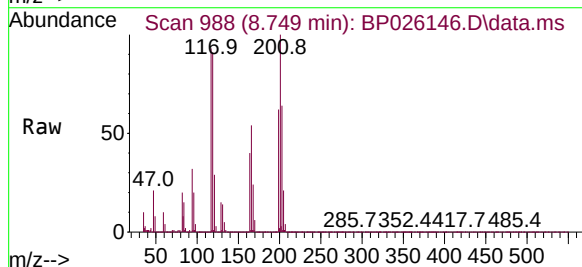
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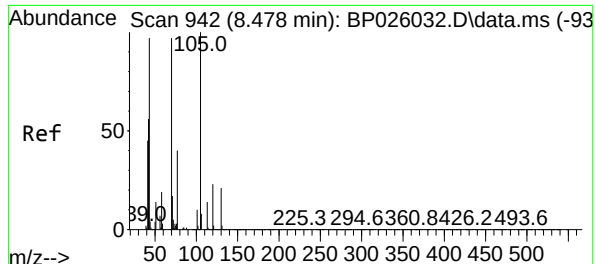
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#18
Hexachloroethane
Concen: 21.211 ng
RT: 8.749 min Scan# 988
Delta R.T. 0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:117 Resp: 169683
Ion Ratio Lower Upper
117 100
119 97.7 78.7 118.1
201 107.2 85.1 127.7





#19

n-Nitroso-di-n-propylamine

Concen: 22.304 ng

RT: 8.472 min Scan# 94

Delta R.T. 0.000 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion: 70 Resp: 31704

Ion Ratio Lower Upper

70 100

42 56.3 44.1 66.1

101 10.9 8.2 12.4

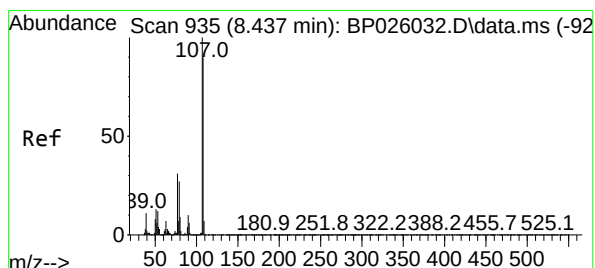
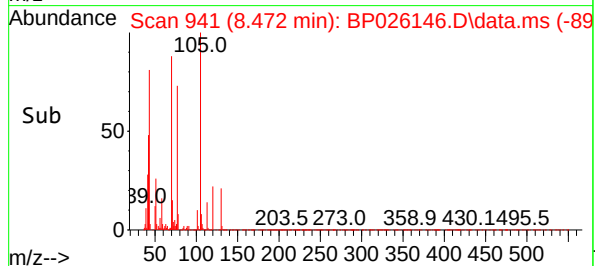
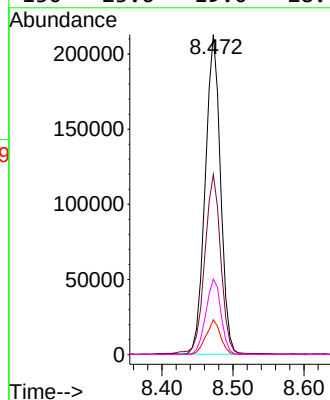
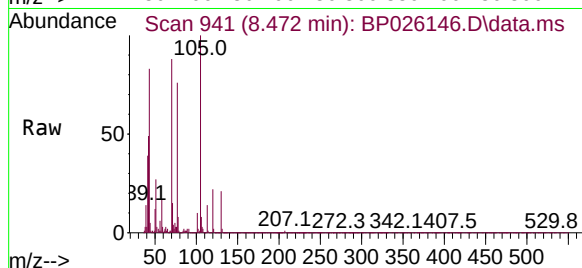
130 23.6 19.0 28.4

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#20

3+4-Methylphenols

Concen: 21.323 ng

RT: 8.437 min Scan# 935

Delta R.T. 0.000 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

Tgt Ion:107 Resp: 494113

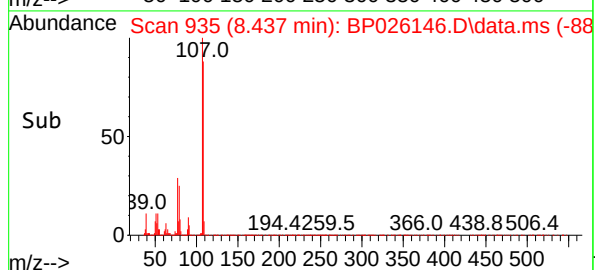
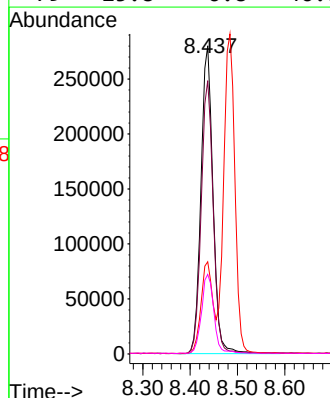
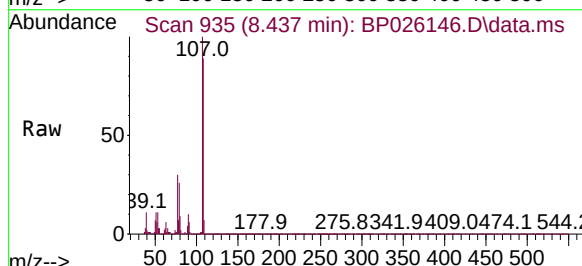
Ion Ratio Lower Upper

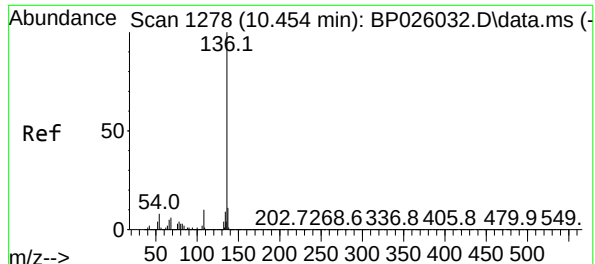
107 100

108 88.7 68.9 108.9

77 29.9 10.4 50.4

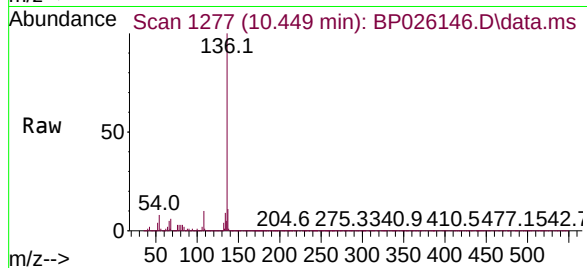
79 25.8 6.8 46.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.449 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

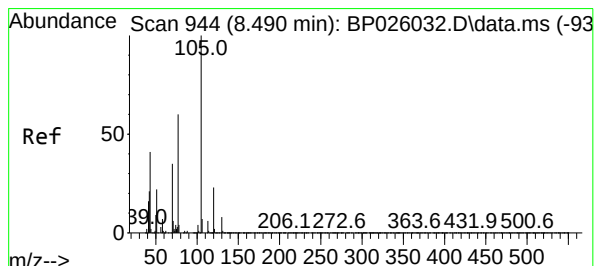
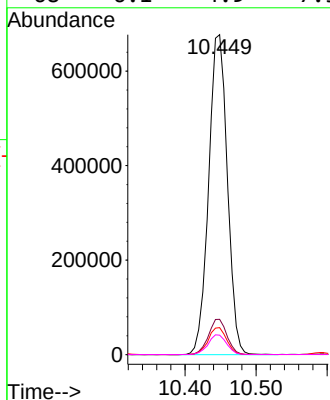
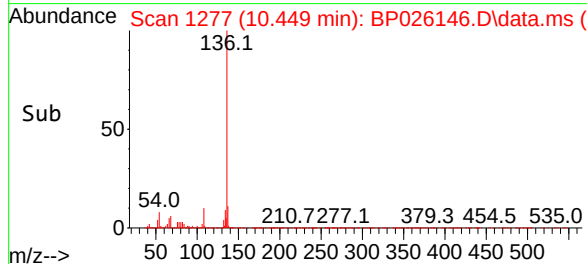
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:136 Resp: 1240005
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 8.4 6.4 9.6
68 6.1 4.9 7.3

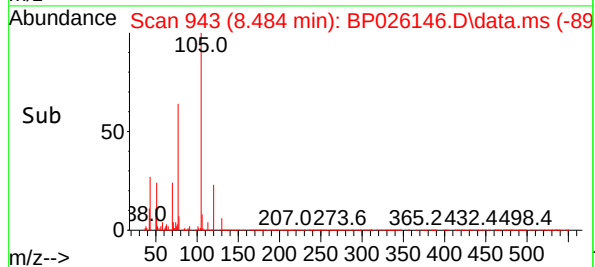
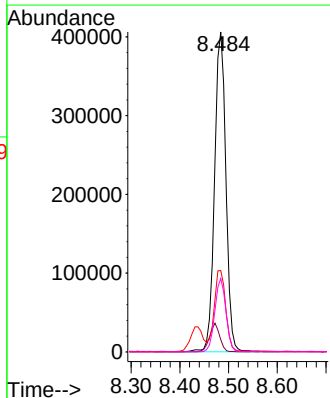
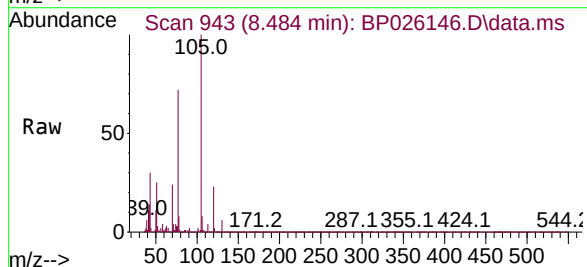
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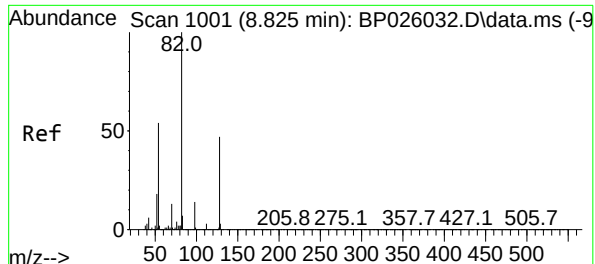
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#22
Acetophenone
Concen: 21.014 ng
RT: 8.484 min Scan# 943
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:105 Resp: 656986
Ion Ratio Lower Upper
105 100
71 3.8 3.0 4.4
51 25.4 20.5 30.7
120 22.9 18.2 27.2





#23

Nitrobenzene-d5

Concen: 44.814 ng

RT: 8.813 min Scan# 999

Delta R.T. 0.000 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion: 82 Resp: 898109

Ion Ratio Lower Upper

82 100

128 48.3 37.4 56.0

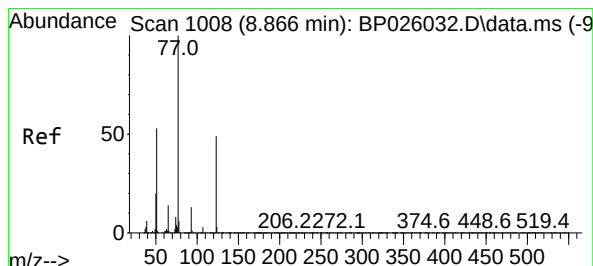
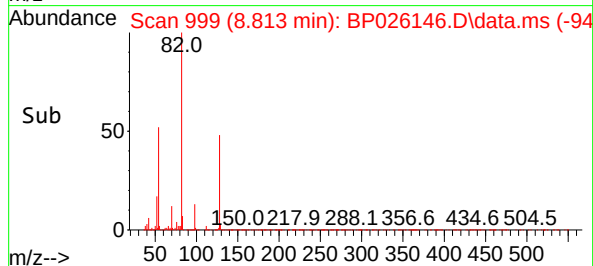
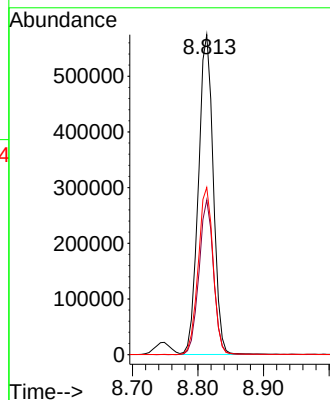
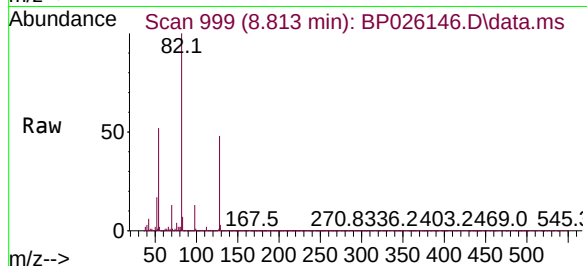
54 52.2 41.6 62.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#24

Nitrobenzene

Concen: 21.768 ng

RT: 8.849 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

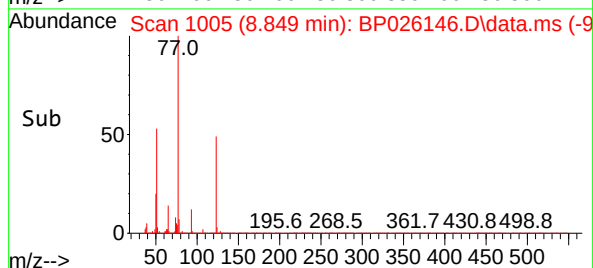
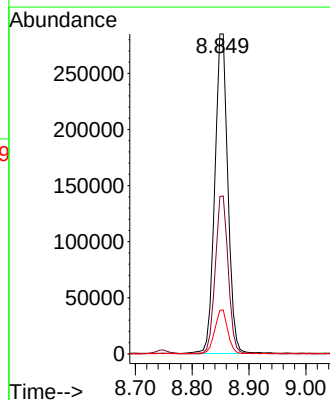
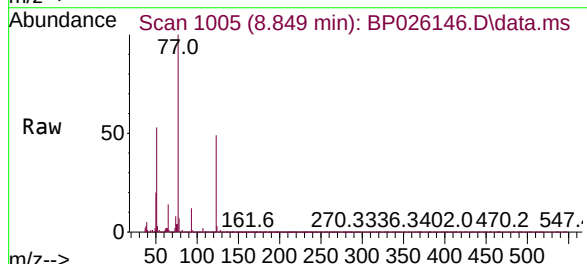
Tgt Ion: 77 Resp: 456901

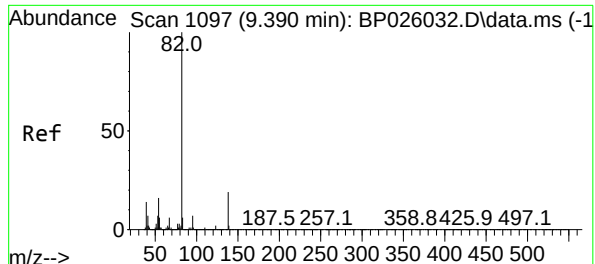
Ion Ratio Lower Upper

77 100

123 49.2 39.8 59.8

65 13.6 11.2 16.8





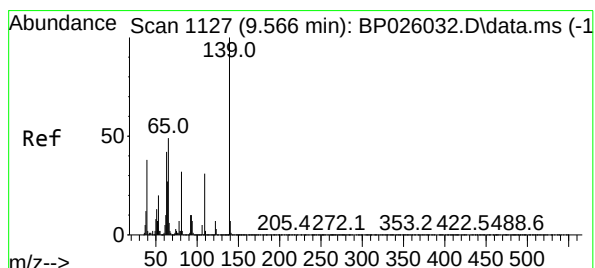
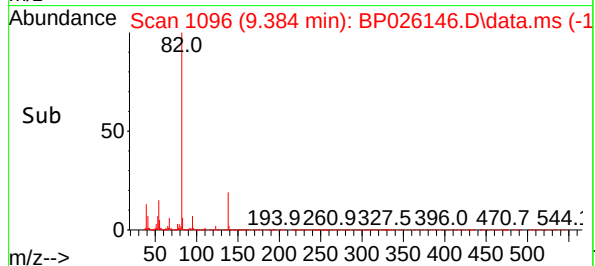
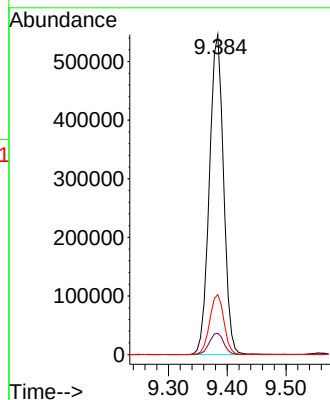
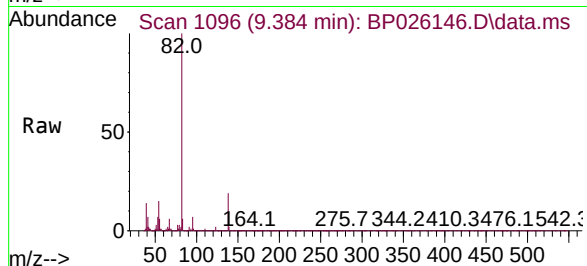
#25
Isophorone
Concen: 21.502 ng
RT: 9.384 min Scan# 1096
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 912115
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 18.7 15.4 23.0

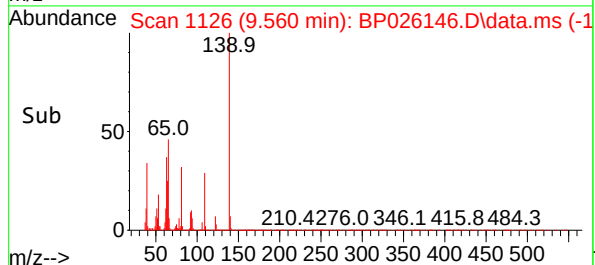
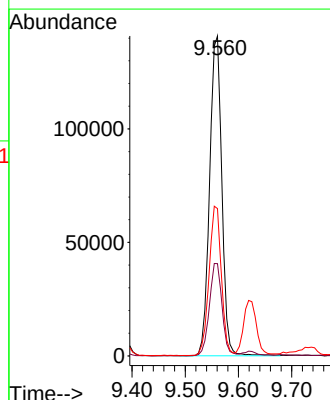
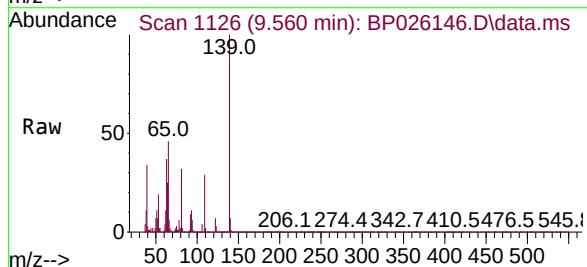
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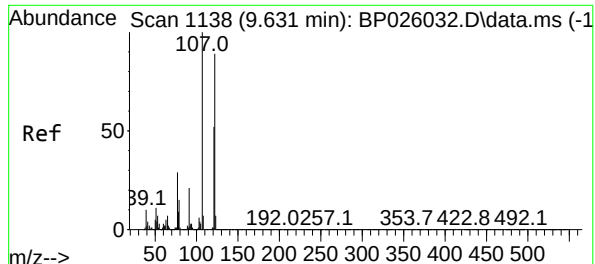
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#26
2-Nitrophenol
Concen: 31.463 ng
RT: 9.560 min Scan# 1126
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

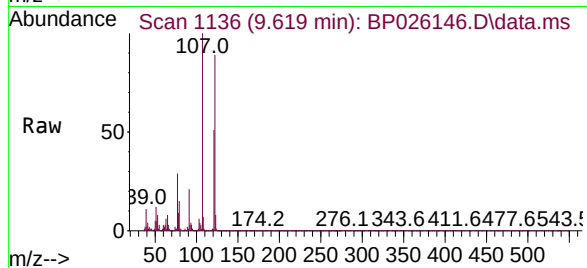
Tgt Ion:139 Resp: 225396
Ion Ratio Lower Upper
139 100
109 28.8 22.3 33.5
65 46.0 37.2 55.8





#27
2,4-Dimethylphenol
Concen: 23.115 ng
RT: 9.619 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

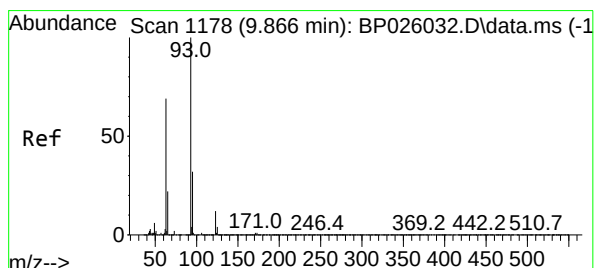
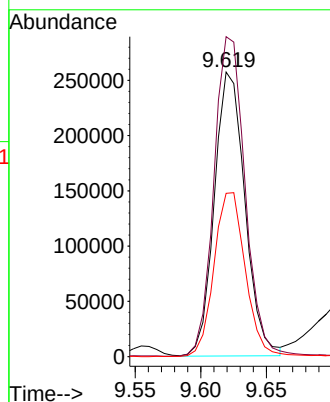
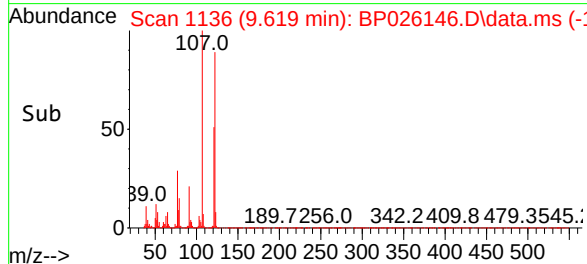
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 122 Resp: 418475
Ion Ratio Lower Upper
122 100
107 112.4 91.0 136.6
121 57.4 47.0 70.6

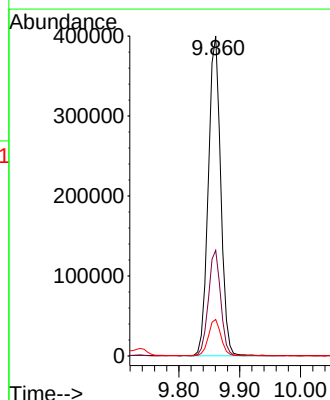
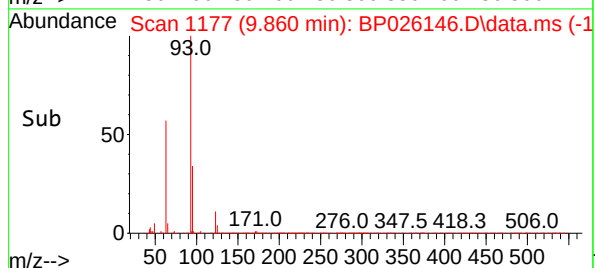
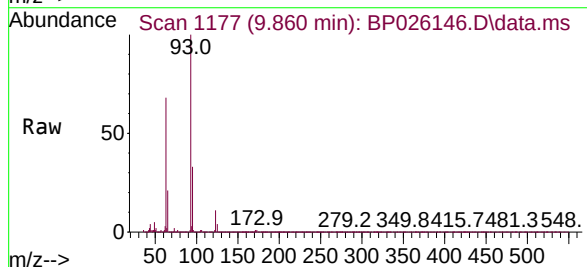
Manual Integrations
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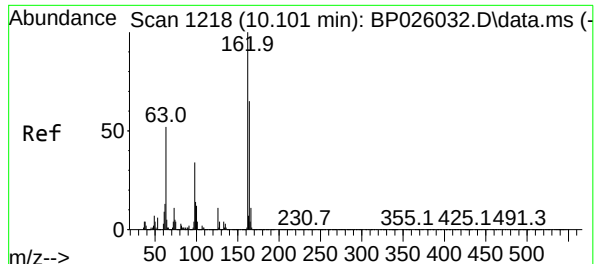
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#28
bis(2-Chloroethoxy)methane
Concen: 21.042 ng
RT: 9.860 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion: 93 Resp: 563383
Ion Ratio Lower Upper
93 100
95 33.0 26.4 39.6
123 11.4 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 21.974 ng

RT: 10.096 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:162 Resp: 415150

Ion Ratio Lower Upper

162 100

164 64.1 43.8 83.8

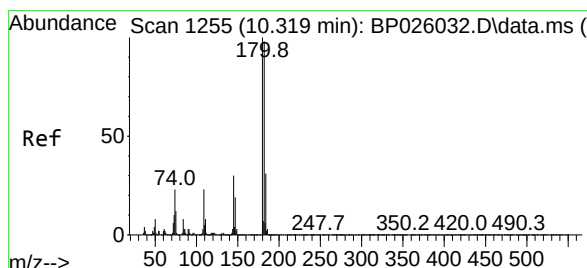
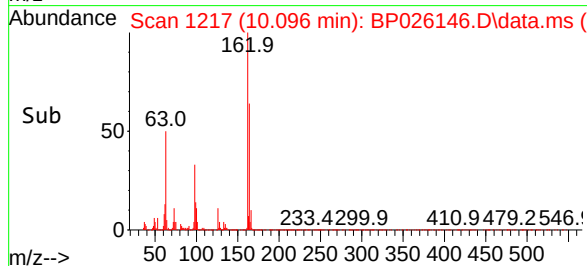
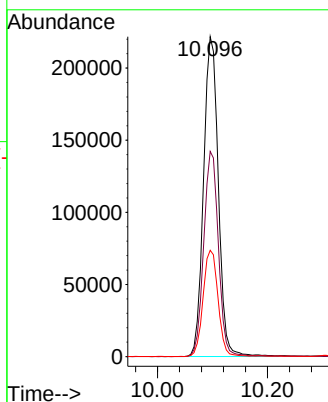
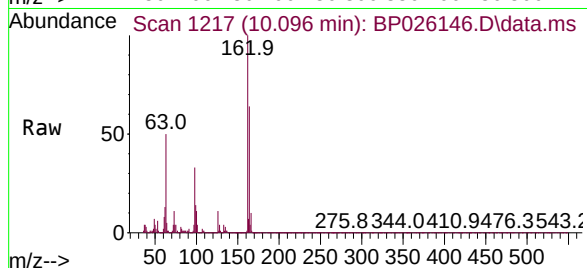
98 33.2 14.1 54.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#30

1,2,4-Trichlorobenzene

Concen: 20.380 ng

RT: 10.302 min Scan# 1252

Delta R.T. -0.006 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

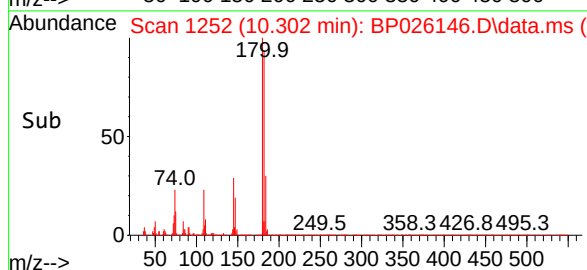
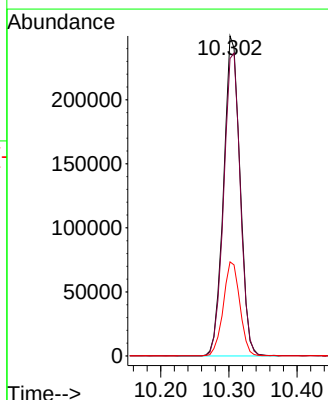
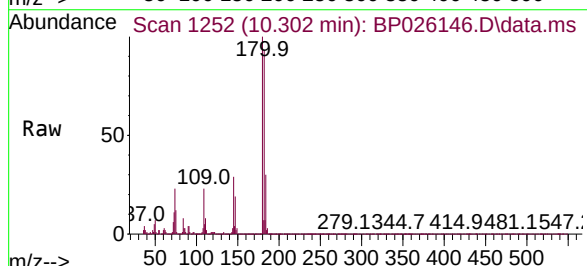
Tgt Ion:180 Resp: 417562

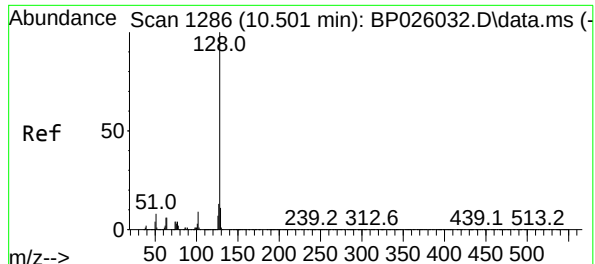
Ion Ratio Lower Upper

180 100

182 92.9 78.1 117.1

145 29.4 24.2 36.4





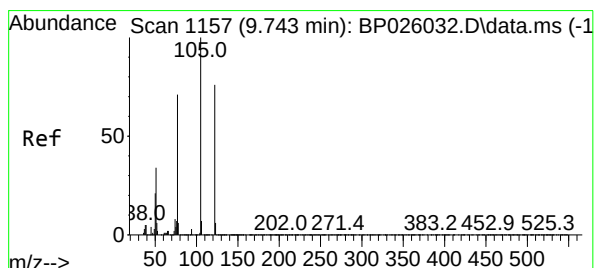
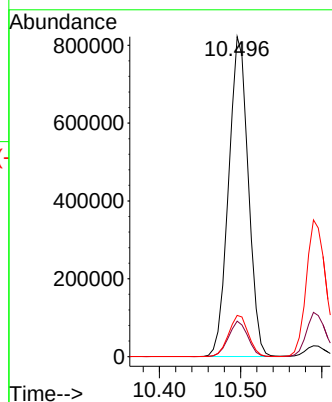
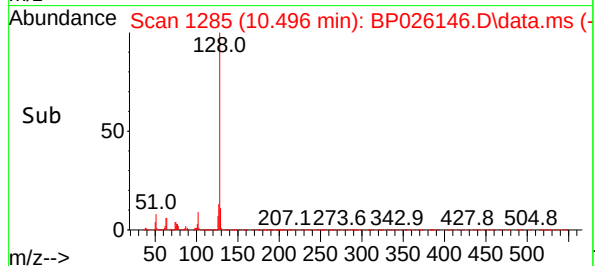
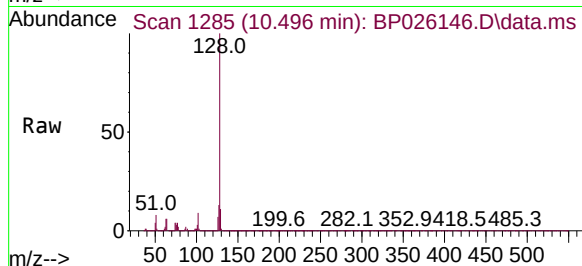
#31
Naphthalene
Concen: 20.547 ng
RT: 10.496 min Scan# 1127
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:128 Resp: 1383127
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 12.9 10.2 15.4

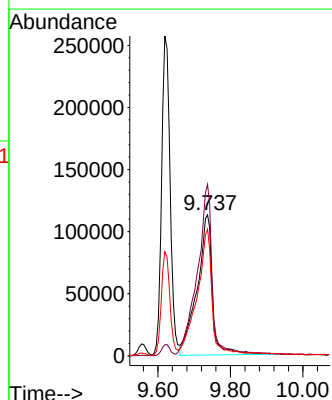
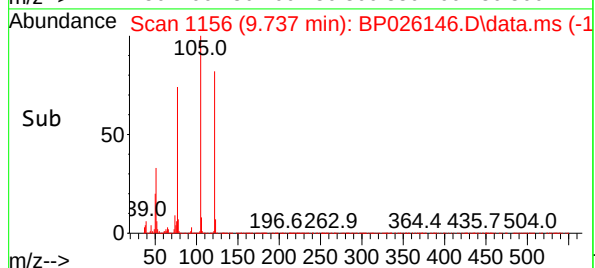
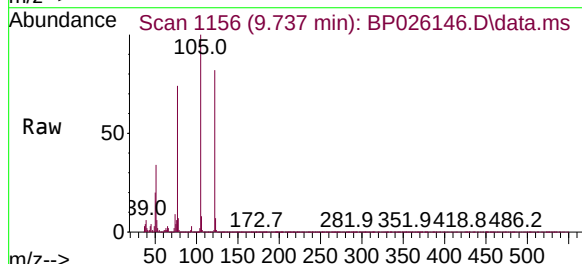
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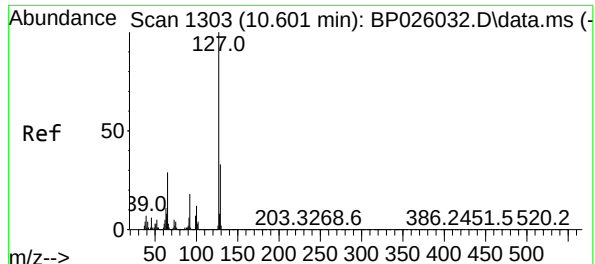
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#32
Benzoic acid
Concen: 30.418 ng
RT: 9.737 min Scan# 1156
Delta R.T. -0.029 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:122 Resp: 332008
Ion Ratio Lower Upper
122 100
105 121.7 100.1 140.1
77 90.0 66.7 106.7





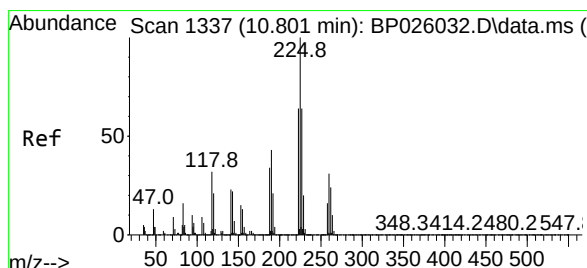
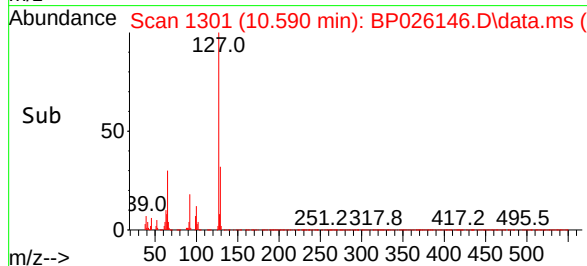
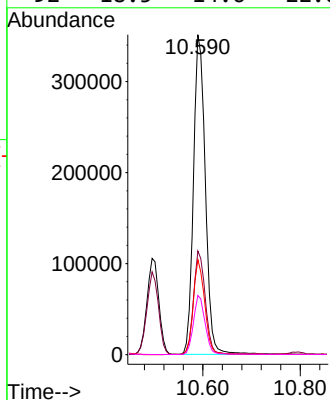
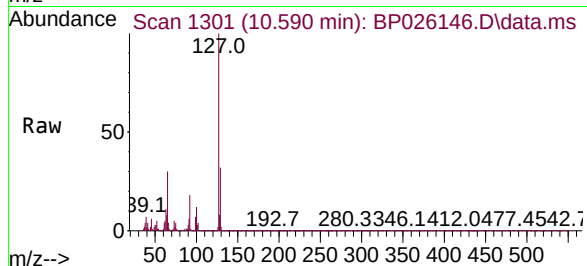
#33
4-Chloroaniline
Concen: 22.720 ng
RT: 10.590 min Scan# 1301
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:127 Resp: 594215
Ion Ratio Lower Upper
127 100
129 32.4 25.8 38.8
65 29.7 22.7 34.1
92 18.5 14.6 22.0

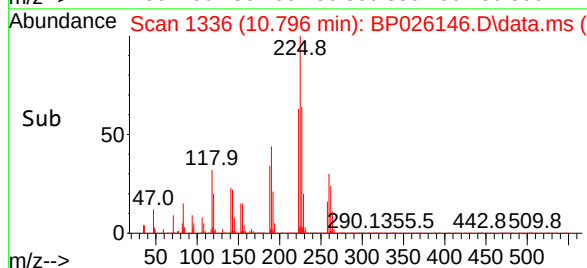
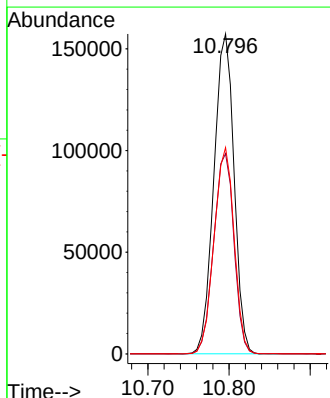
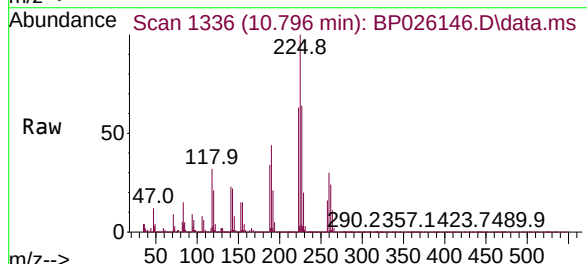
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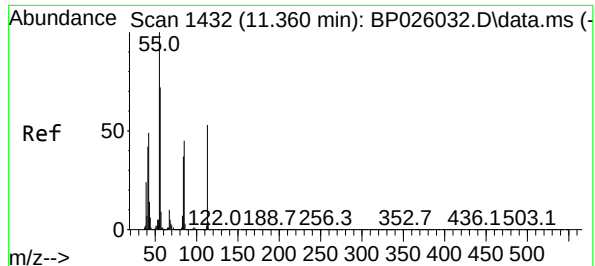
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#34
Hexachlorobutadiene
Concen: 20.697 ng
RT: 10.796 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

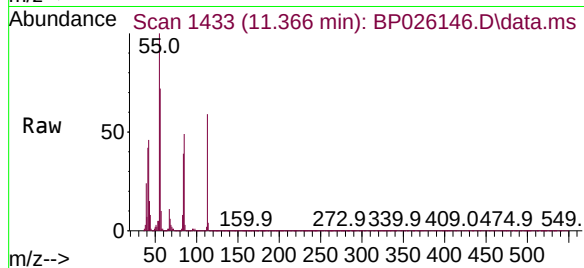
Tgt Ion:225 Resp: 271388
Ion Ratio Lower Upper
225 100
223 62.6 49.6 74.4
227 64.5 51.2 76.8





#35
Caprolactam
Concen: 23.091 ng
RT: 11.366 min Scan# 1432
Delta R.T. -0.012 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

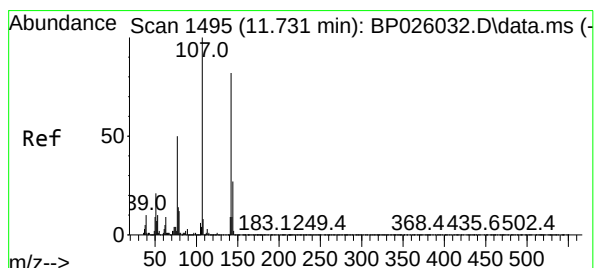
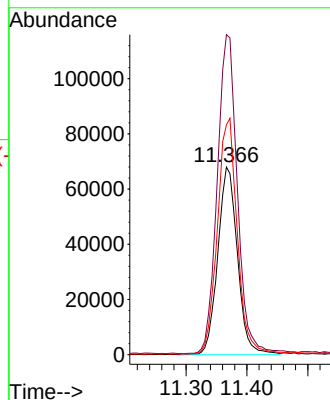
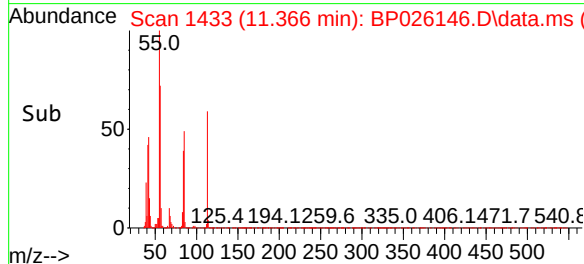
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:113 Resp: 152491
Ion Ratio Lower Upper
113 100
55 170.5 153.0 193.0
56 122.5 106.4 146.4

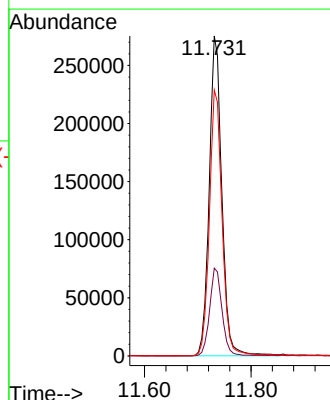
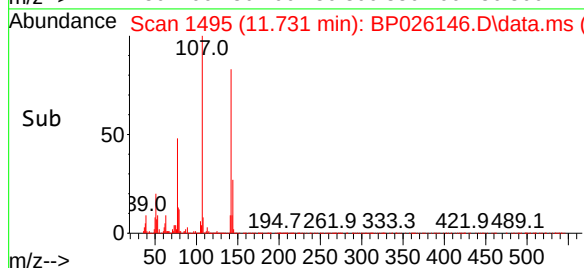
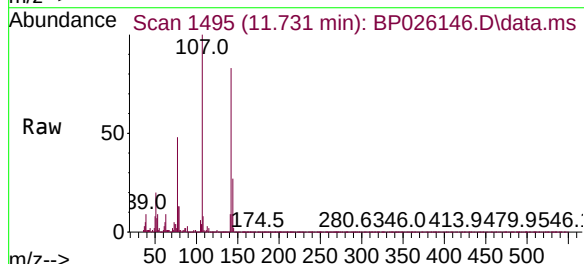
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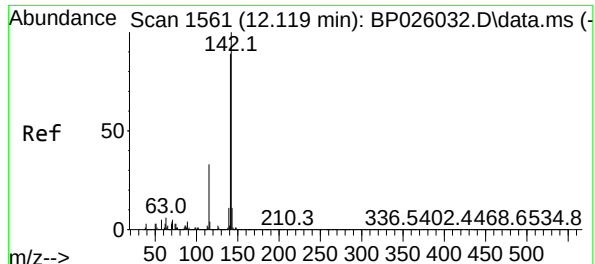
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#36
4-Chloro-3-methylphenol
Concen: 22.951 ng
RT: 11.731 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

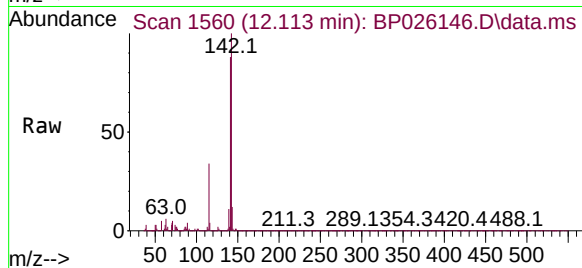
Tgt Ion:107 Resp: 453497
Ion Ratio Lower Upper
107 100
144 27.4 21.6 32.4
142 83.1 65.6 98.4





#37
2-Methylnaphthalene
Concen: 21.193 ng
RT: 12.113 min Scan# 1560
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

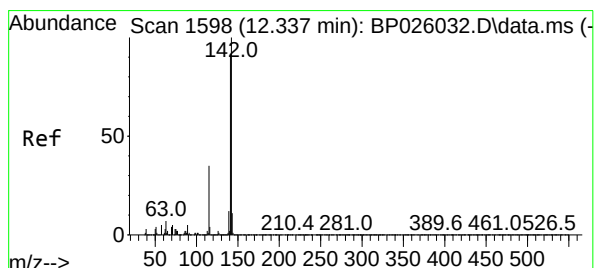
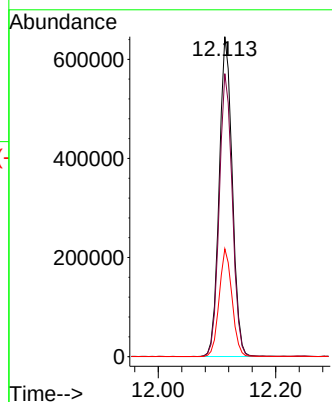
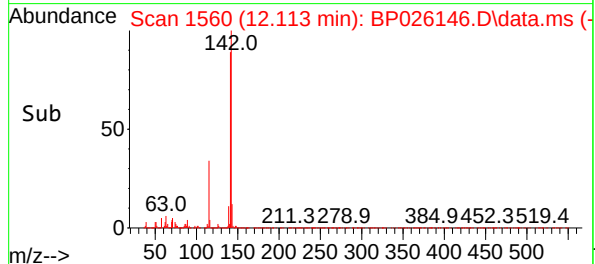
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:142 Resp: 997491
Ion Ratio Lower Upper
142 100
141 88.4 71.0 106.6
115 33.7 26.6 39.8

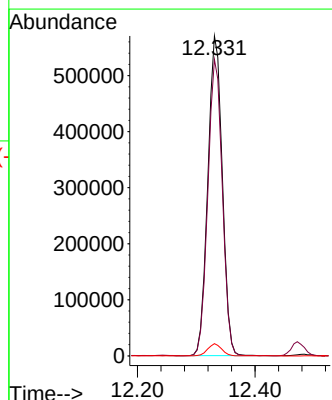
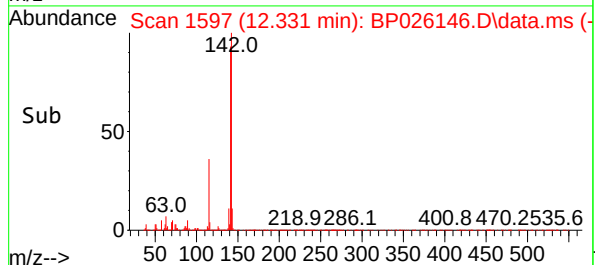
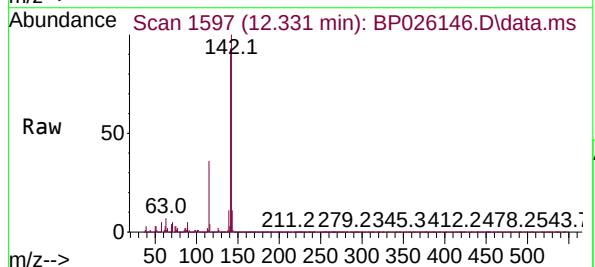
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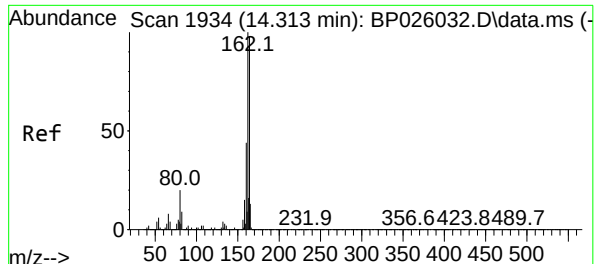
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#38
1-Methylnaphthalene
Concen: 21.279 ng
RT: 12.331 min Scan# 1597
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:142 Resp: 973734
Ion Ratio Lower Upper
142 100
141 92.6 73.5 110.3
116 3.8 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.319 min Scan# 1934

Delta R.T. -0.006 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:164 Resp: 810030

Ion Ratio Lower Upper

164 100

162 100.4 80.3 120.5

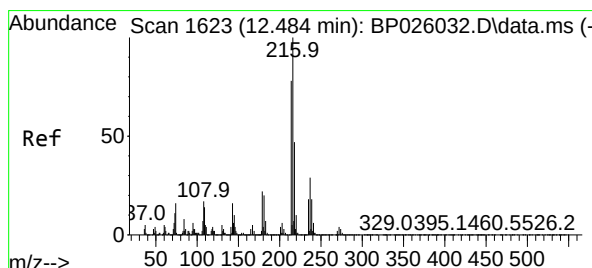
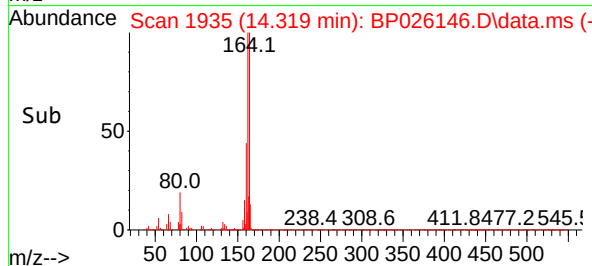
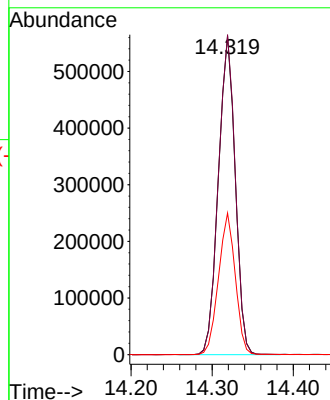
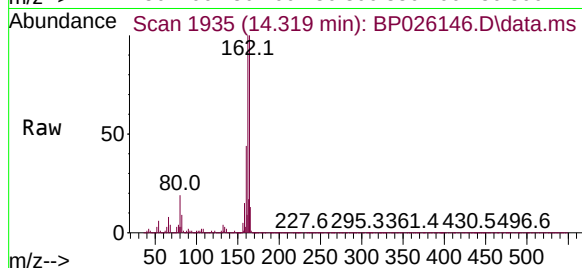
160 44.4 35.2 52.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 19.803 ng

RT: 12.490 min Scan# 1624

Delta R.T. 0.000 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

Tgt Ion:216 Resp: 496403

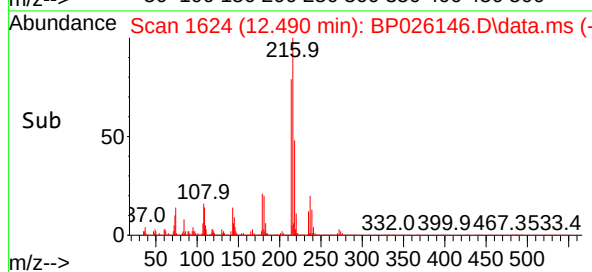
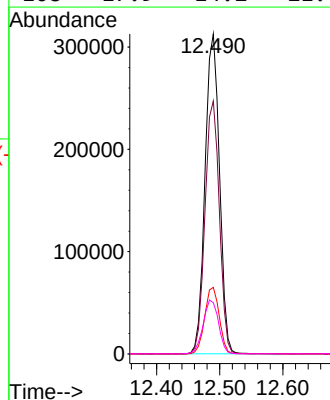
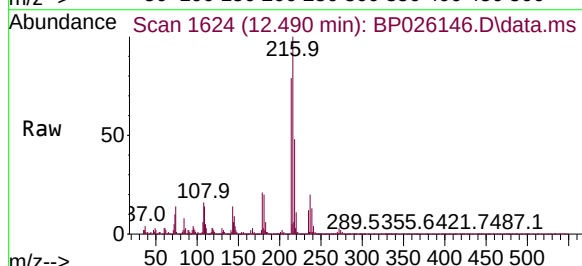
Ion Ratio Lower Upper

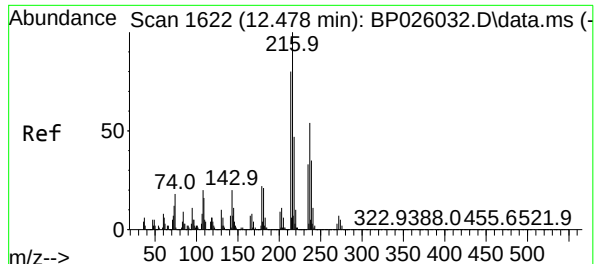
216 100

214 78.7 62.6 94.0

179 21.0 16.6 25.0

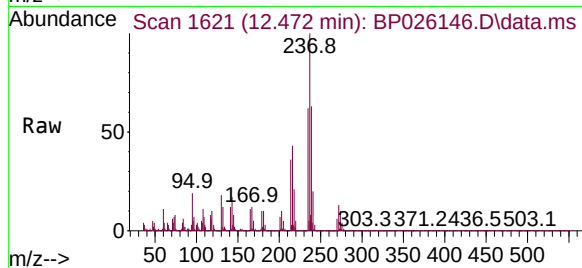
108 17.9 14.2 21.4





#41
Hexachlorocyclopentadiene
Concen: 29.677 ng
RT: 12.472 min Scan# 1622
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

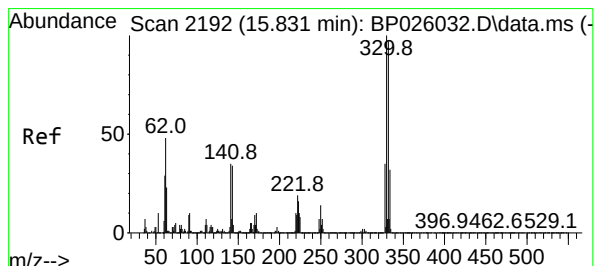
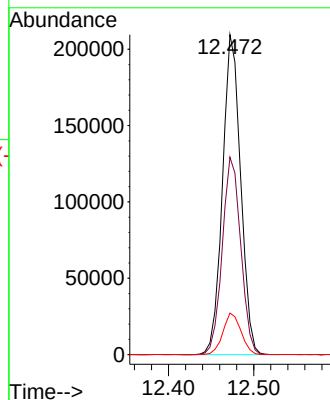
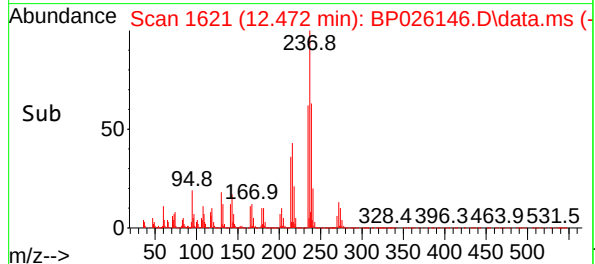
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 237 Resp: 309362
Ion Ratio Lower Upper
237 100
235 61.7 43.3 83.3
272 13.0 0.0 32.9

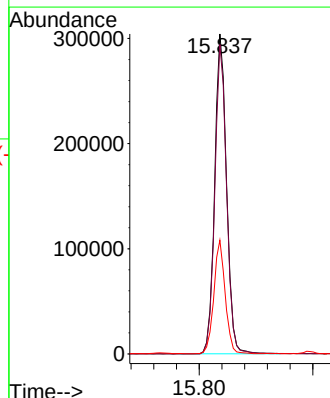
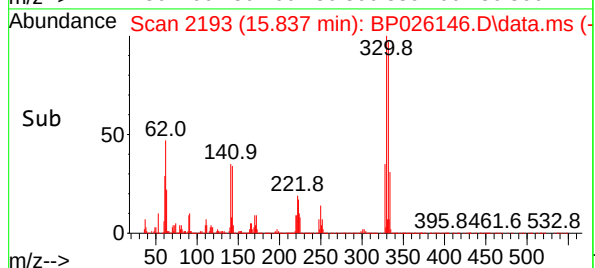
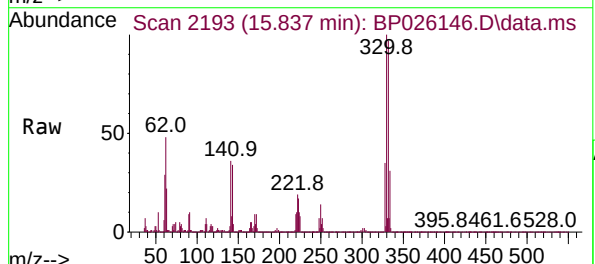
Manual Integrations
APPROVED

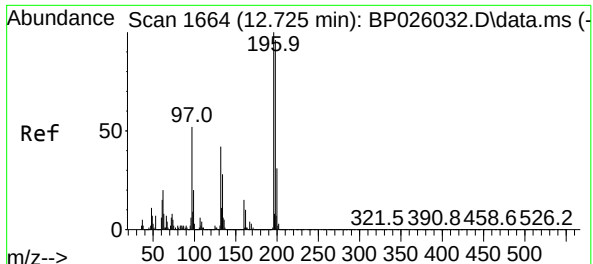
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#42
2,4,6-Tribromophenol
Concen: 49.922 ng
RT: 15.837 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

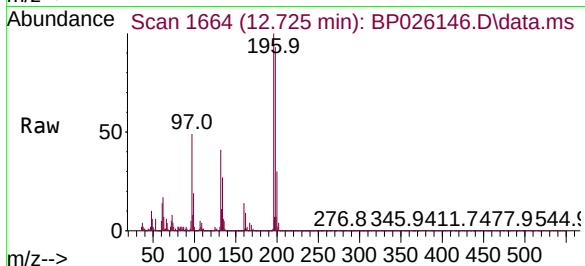
Tgt Ion: 330 Resp: 442990
Ion Ratio Lower Upper
330 100
332 95.6 78.0 117.0
141 34.0 26.8 40.2





#43
2,4,6-Trichlorophenol
Concen: 23.301 ng
RT: 12.725 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

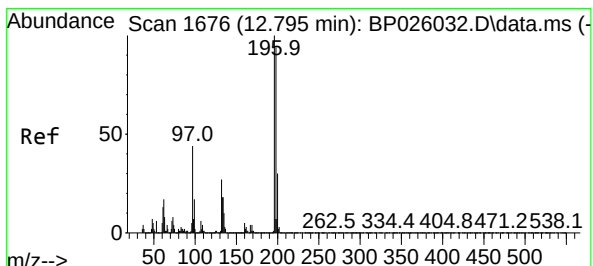
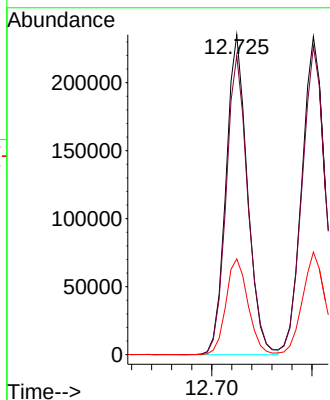
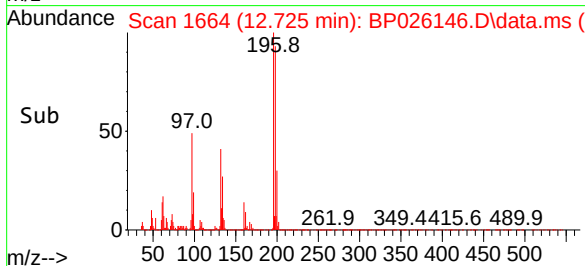
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



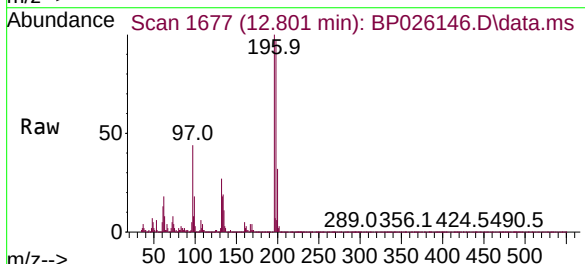
Tgt Ion:196 Resp: 349396
Ion Ratio Lower Upper
196 100
198 93.4 76.9 115.3
200 30.0 24.6 37.0

Manual Integrations
APPROVED

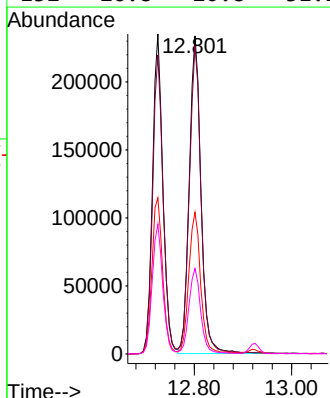
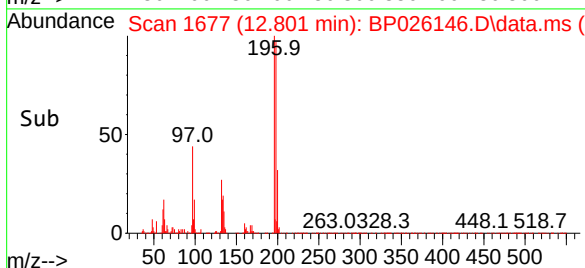
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

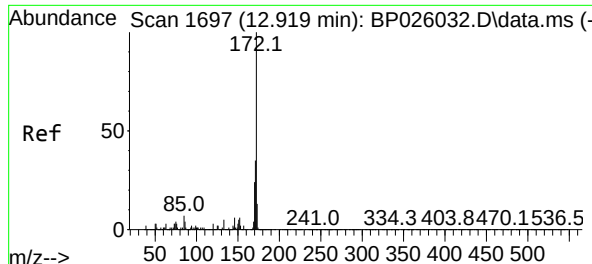


#44
2,4,5-Trichlorophenol
Concen: 22.897 ng
RT: 12.801 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35



Tgt Ion:196 Resp: 390063
Ion Ratio Lower Upper
196 100
198 96.9 76.4 114.6
97 44.5 35.7 53.5
132 26.8 20.8 31.2





#45
2-Fluorobiphenyl
Concen: 41.935 ng
RT: 12.925 min Scan# 1697
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Instrument :

BNA_P

ClientSampleId :

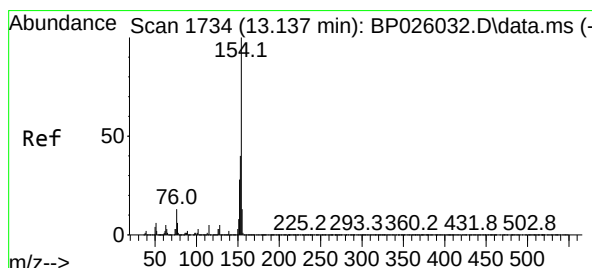
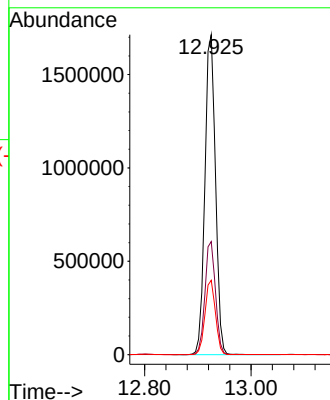
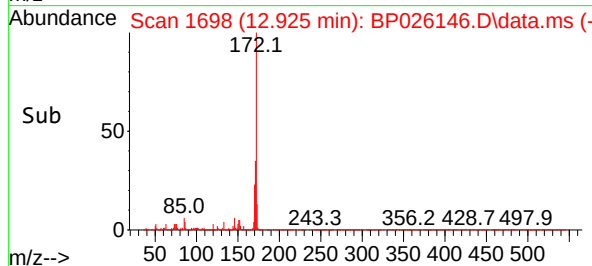
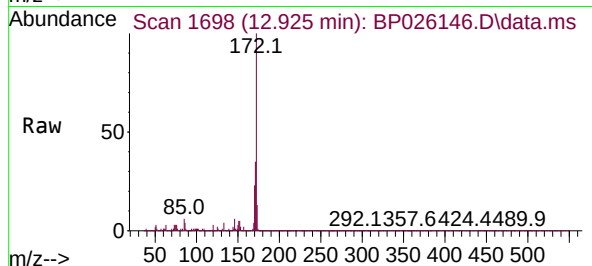
SSTDICC020

Tgt Ion:172 Resp: 2354273
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 23.2 18.7 28.1

Manual Integrations

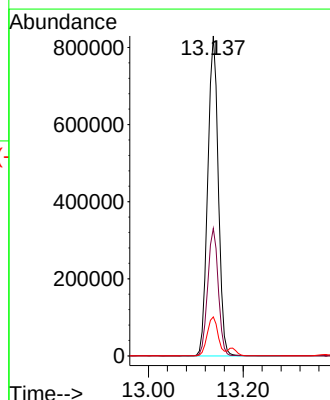
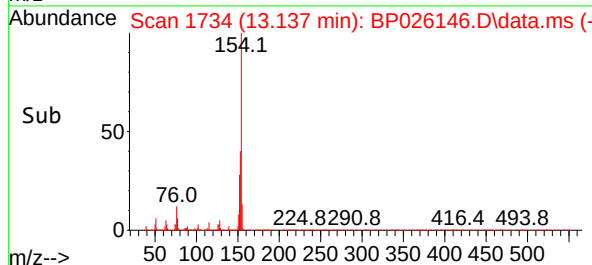
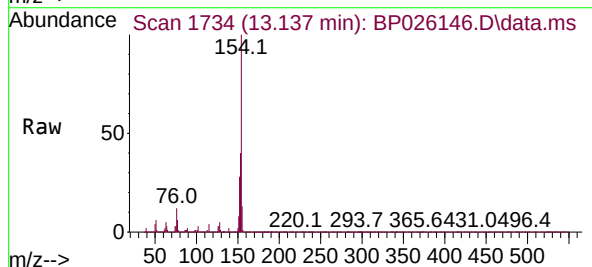
APPROVED

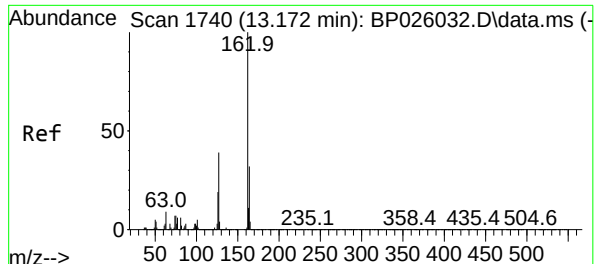
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#46
1,1'-Biphenyl
Concen: 20.733 ng
RT: 13.137 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:154 Resp: 1280167
Ion Ratio Lower Upper
154 100
153 39.8 20.3 60.3
76 12.2 0.0 32.3





#47

2-Chloronaphthalene

Concen: 20.303 ng

RT: 13.178 min Scan# 1740

Delta R.T. -0.006 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:162 Resp: 985563

Ion Ratio Lower Upper

162 100

127 37.7 30.9 46.3

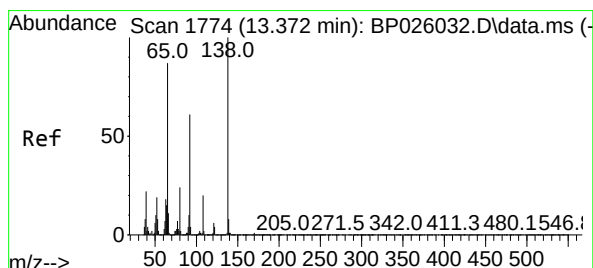
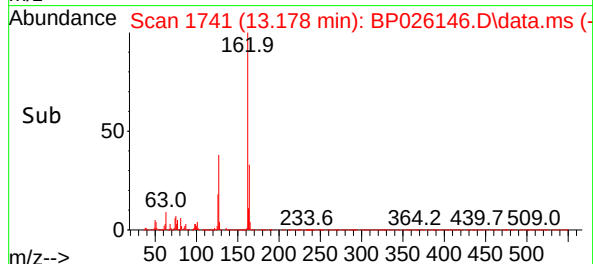
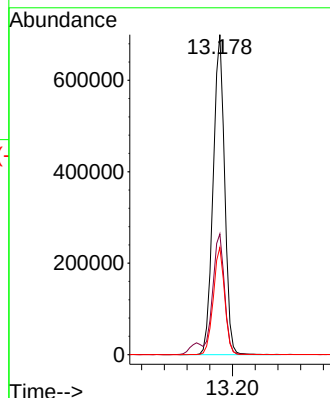
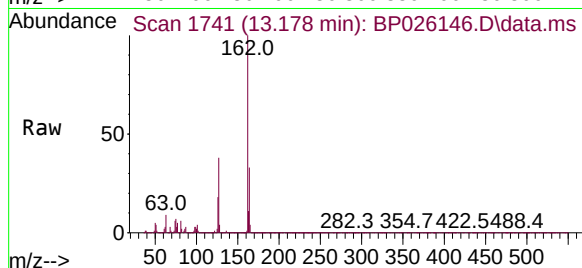
164 33.5 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#48

2-Nitroaniline

Concen: 25.032 ng

RT: 13.372 min Scan# 1774

Delta R.T. -0.006 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

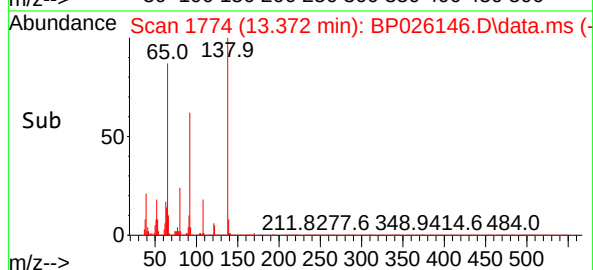
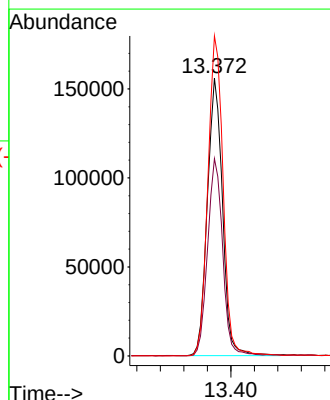
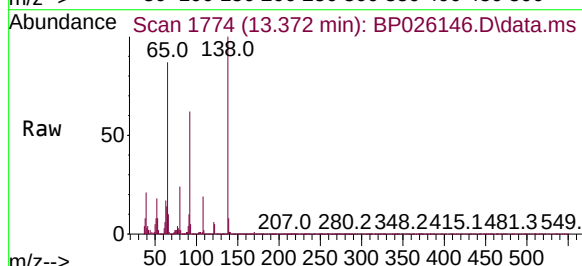
Tgt Ion: 65 Resp: 279508

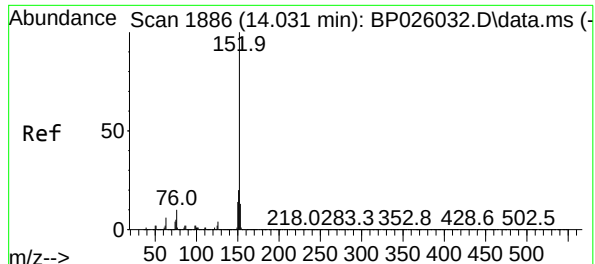
Ion Ratio Lower Upper

65 100

92 71.0 59.1 88.7

138 115.2 96.6 145.0





#49

Acenaphthylene

Concen: 23.158 ng

RT: 14.031 min Scan# 1886

Delta R.T. -0.006 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:152 Resp: 1661599

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.8

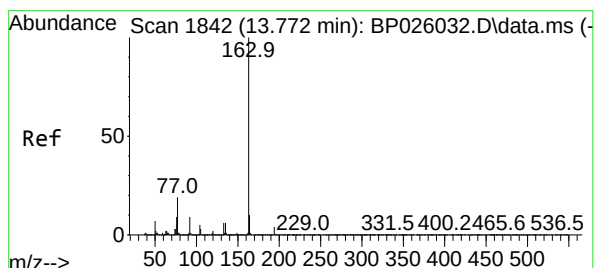
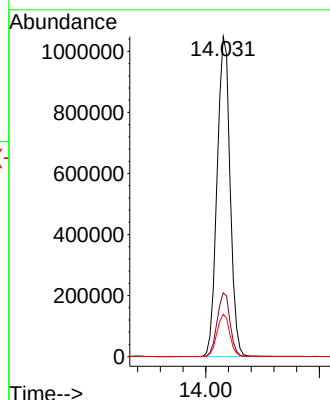
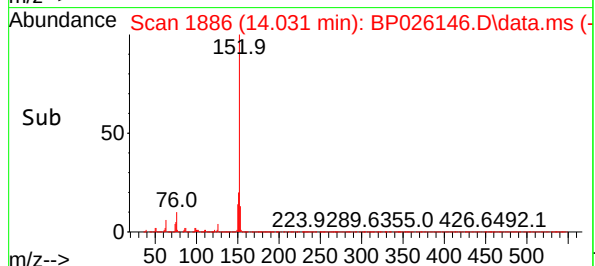
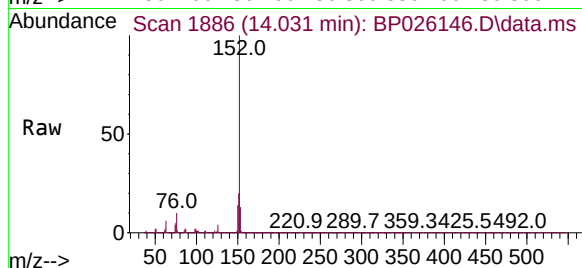
153 13.3 10.6 16.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#50

Dimethylphthalate

Concen: 21.720 ng

RT: 13.772 min Scan# 1842

Delta R.T. 0.000 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

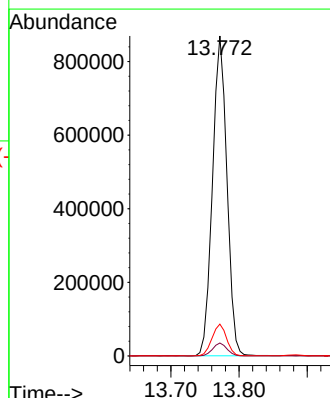
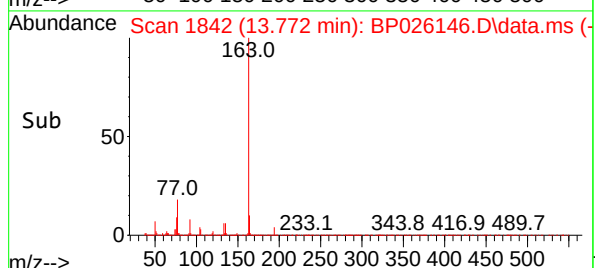
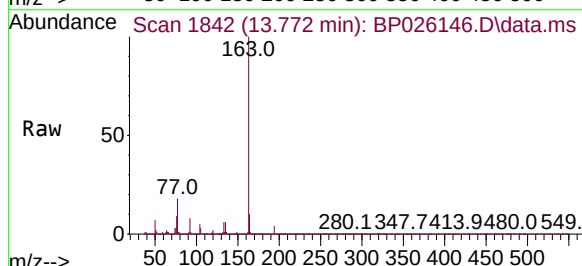
Tgt Ion:163 Resp: 1274006

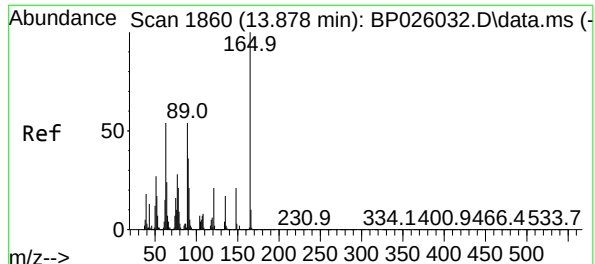
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

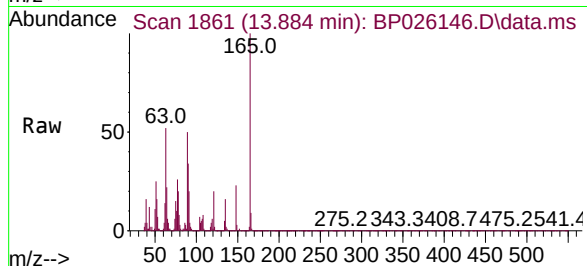
164 9.9 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 25.482 ng
RT: 13.884 min Scan# 1861
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

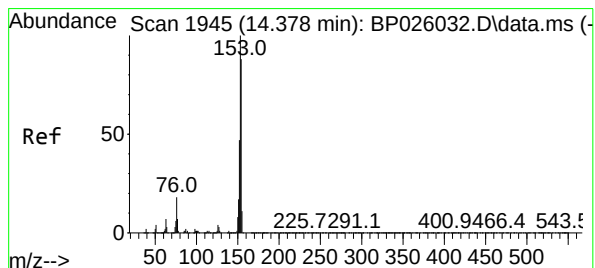
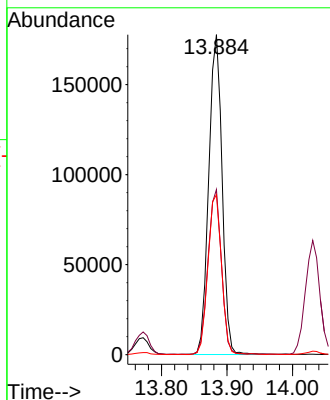
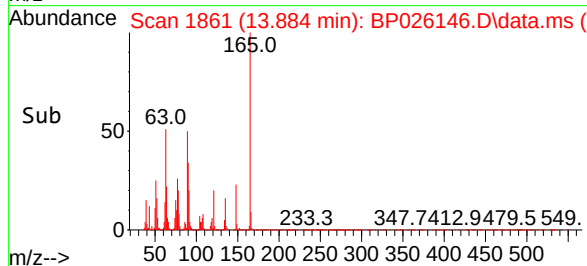
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



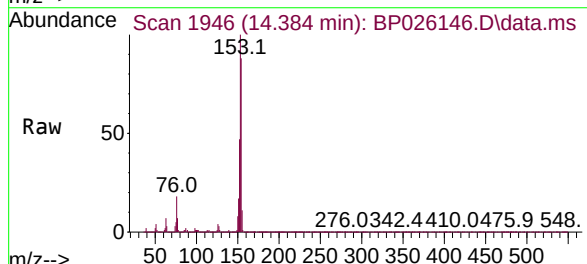
Tgt Ion:165 Resp: 25127
Ion Ratio Lower Upper
165 100
63 51.6 40.5 60.7
89 50.0 41.3 61.9

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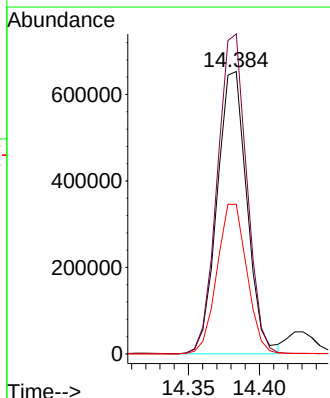
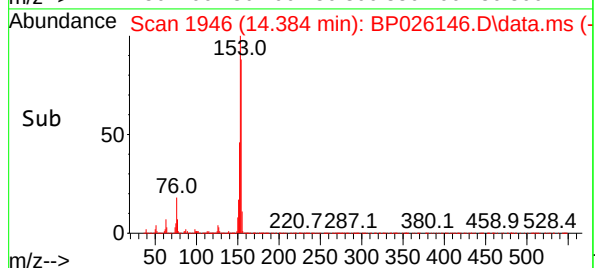
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

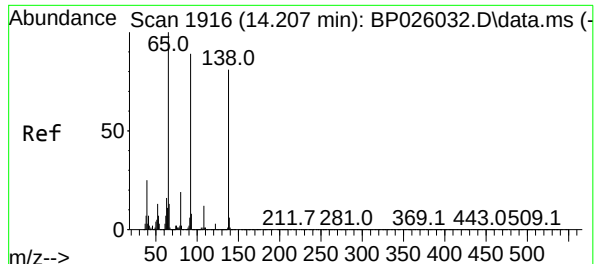


#52
Acenaphthene
Concen: 19.901 ng
RT: 14.384 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35



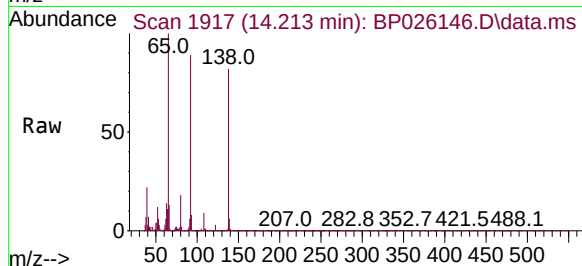
Tgt Ion:154 Resp: 955446
Ion Ratio Lower Upper
154 100
153 113.3 90.7 136.1
152 53.0 42.8 64.2





#53
3-Nitroaniline
Concen: 24.958 ng
RT: 14.213 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

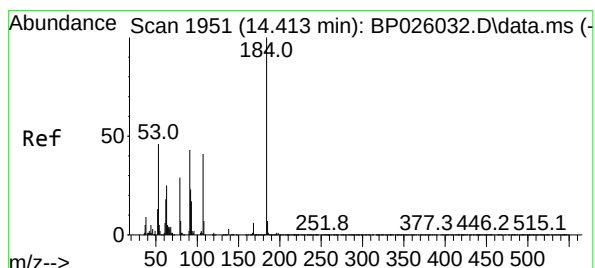
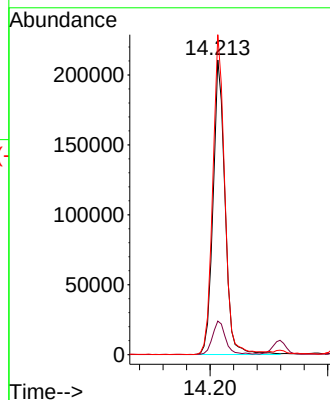
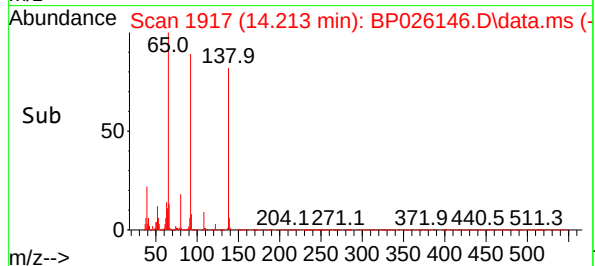
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:138 Resp: 297736
Ion Ratio Lower Upper
138 100
108 11.4 8.9 13.3
92 108.6 86.3 129.5

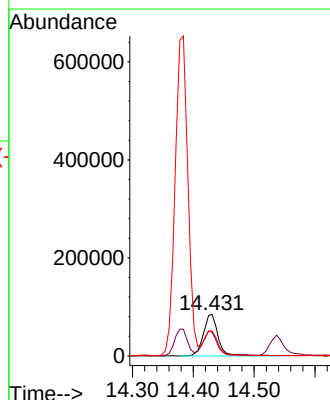
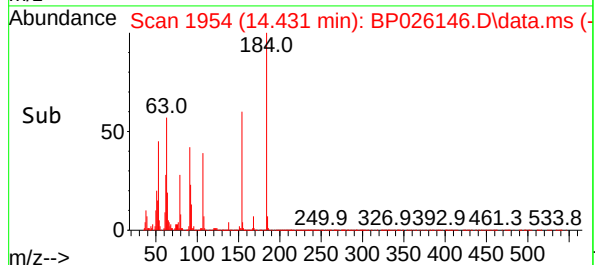
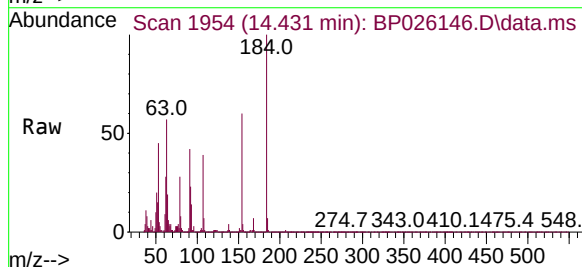
Manual Integrations
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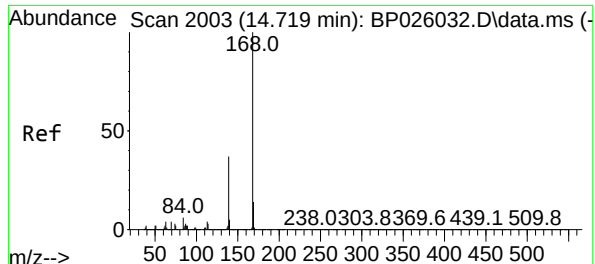
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#54
2,4-Dinitrophenol
Concen: 31.181 ng
RT: 14.431 min Scan# 1954
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:184 Resp: 141102
Ion Ratio Lower Upper
184 100
63 57.2 43.1 64.7
154 59.9 49.5 74.3





#55

Dibenzenofuran

Concen: 20.834 ng

RT: 14.719 min Scan# 2003

Delta R.T. -0.006 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:168 Resp: 1523244

Ion Ratio Lower Upper

168 100

139 36.3 29.8 44.6

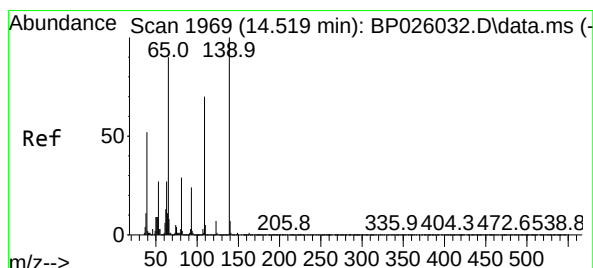
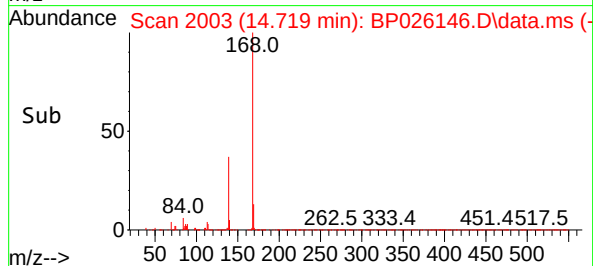
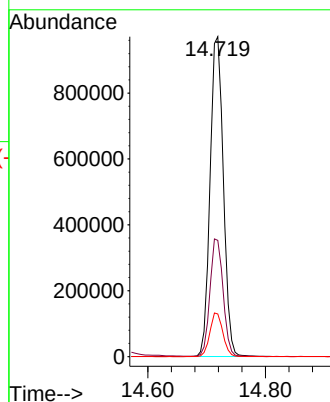
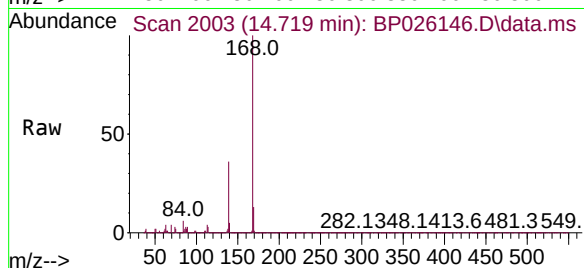
169 13.3 10.9 16.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#56

4-Nitrophenol

Concen: 22.578 ng

RT: 14.537 min Scan# 1972

Delta R.T. -0.006 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

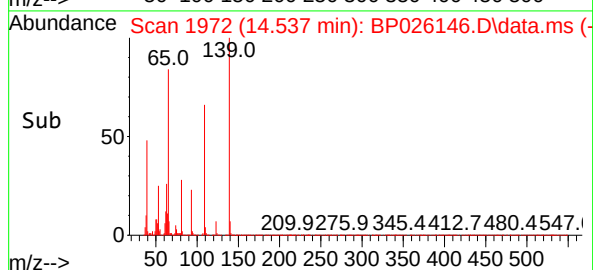
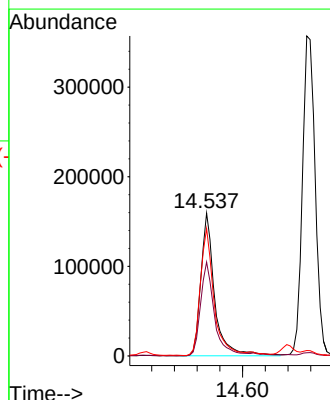
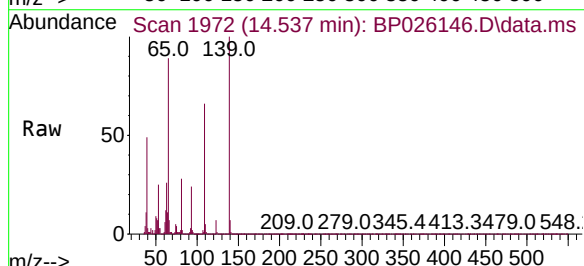
Tgt Ion:139 Resp: 268085

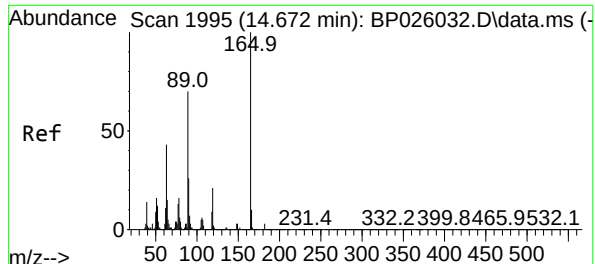
Ion Ratio Lower Upper

139 100

109 65.8 46.8 86.8

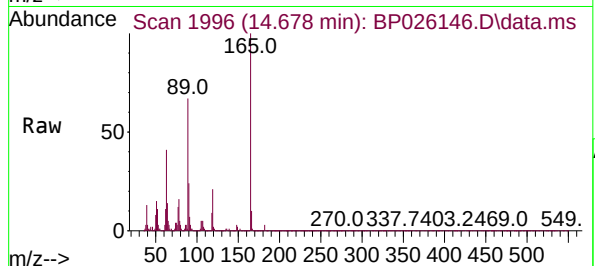
65 89.3 69.3 109.3





#57
2,4-Dinitrotoluene
Concen: 26.418 ng
RT: 14.678 min Scan# 1995
Delta R.T. -0.012 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

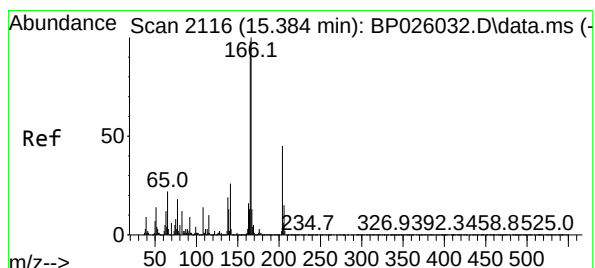
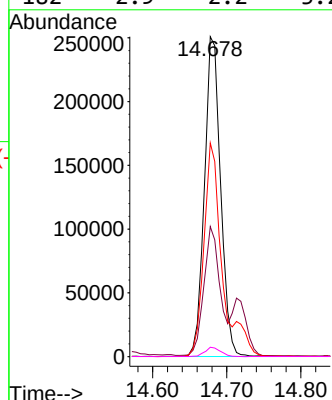
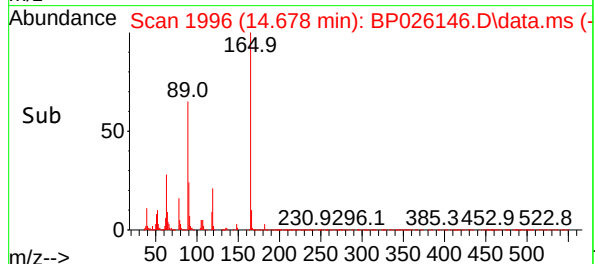
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:165 Resp: 380156
Ion Ratio Lower Upper
165 100
63 40.6 31.0 46.6
89 66.8 51.7 77.5
182 2.9 2.2 3.2

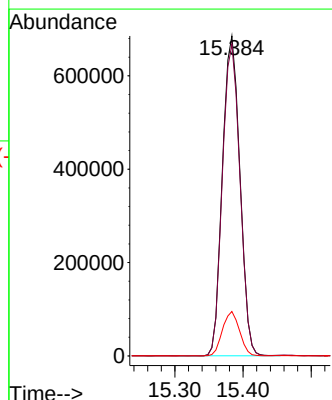
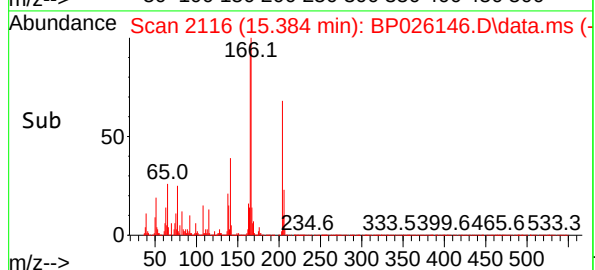
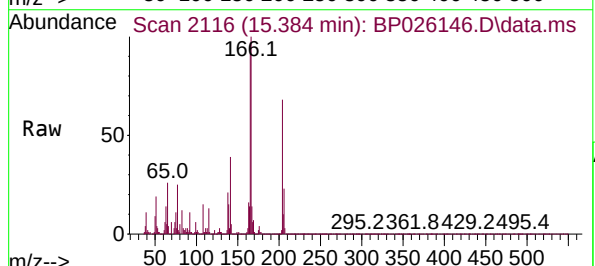
Manual Integrations
APPROVED

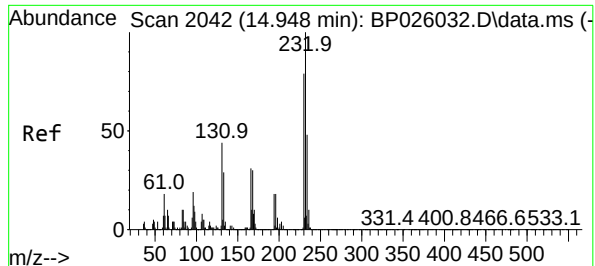
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#58
Fluorene
Concen: 21.155 ng
RT: 15.384 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

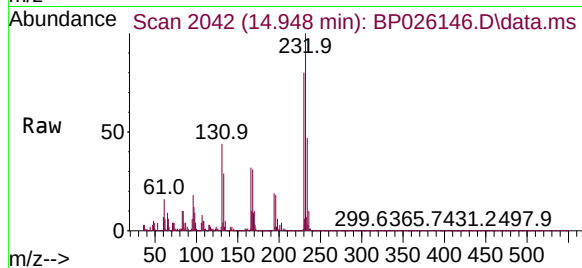
Tgt Ion:166 Resp: 1215204
Ion Ratio Lower Upper
166 100
165 97.4 77.9 116.9
167 13.9 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 24.574 ng
RT: 14.948 min Scan# 2042
Delta R.T. -0.012 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

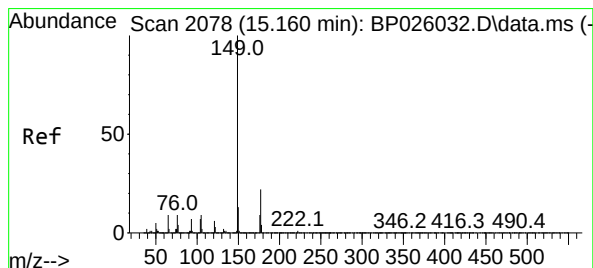
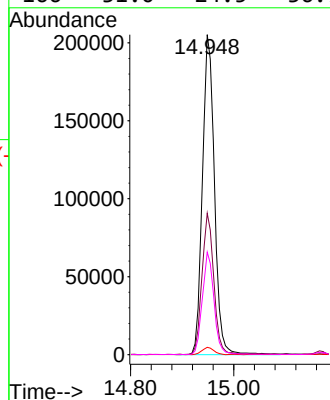
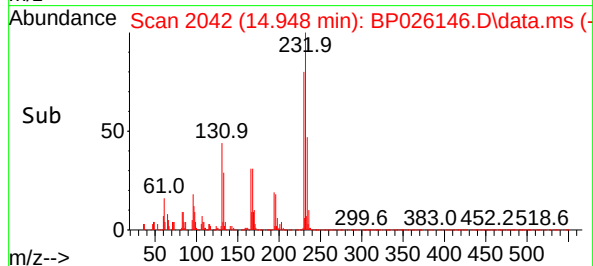
Instrument :
BNA_P
Client Sample Id :
SSTDICC020



Tgt Ion: 232 Resp: 331539
Ion Ratio Lower Upper
232 100
131 43.2 34.8 52.2
130 2.2 1.8 2.8
166 31.0 24.5 36.7

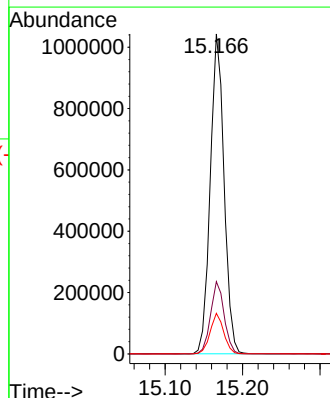
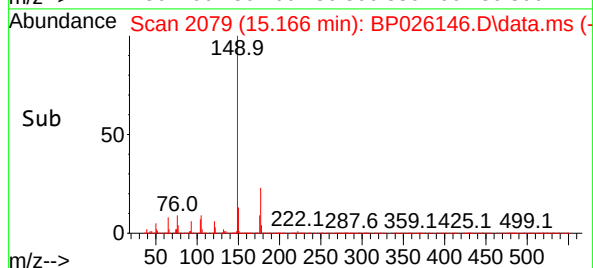
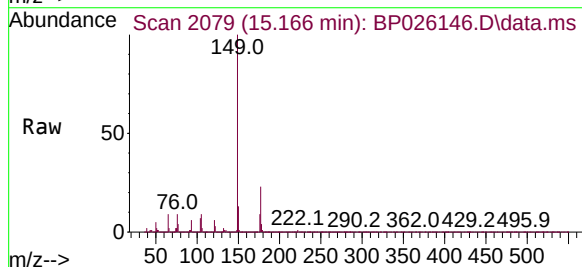
Manual Integrations
APPROVED

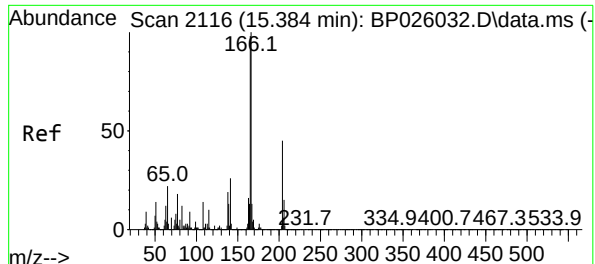
Reviewed By : Jagrut Upadhyay 11/19/2025
Supervised By : Sohil Jodhani 11/19/2025



#60
Diethylphthalate
Concen: 21.853 ng
RT: 15.166 min Scan# 2079
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

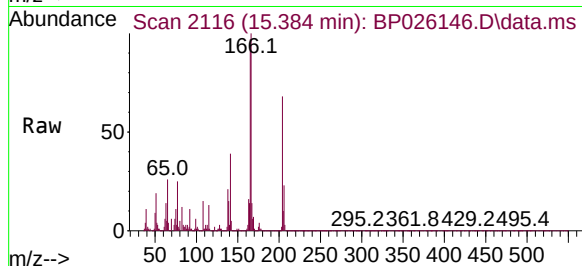
Tgt Ion: 149 Resp: 1289507
Ion Ratio Lower Upper
149 100
177 22.6 17.9 26.9
150 12.7 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 20.967 ng
RT: 15.384 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

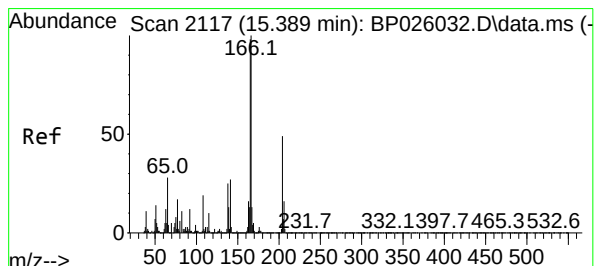
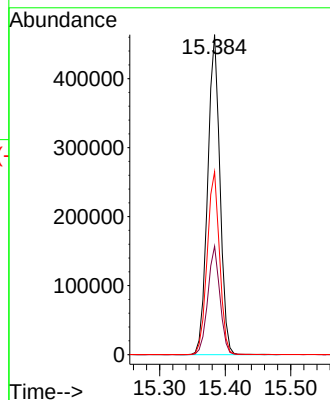
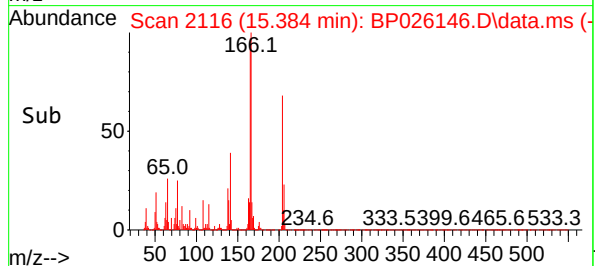
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:204 Resp: 600360
Ion Ratio Lower Upper
204 100
206 33.9 26.2 39.2
141 57.1 48.1 72.1

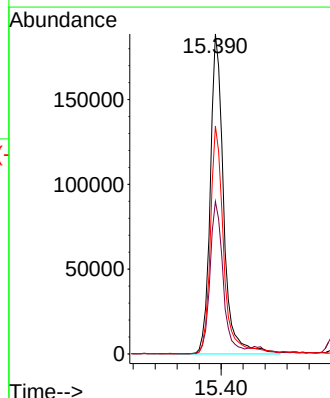
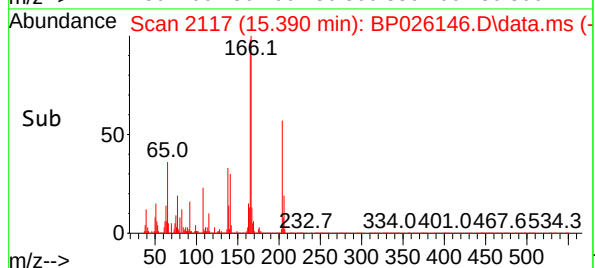
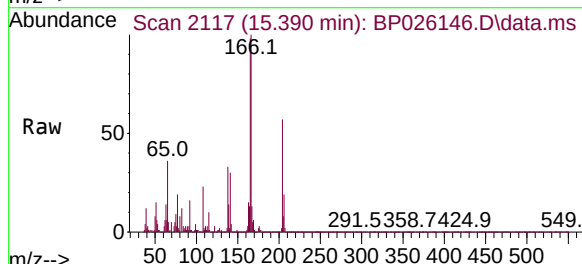
Manual Integrations
APPROVED

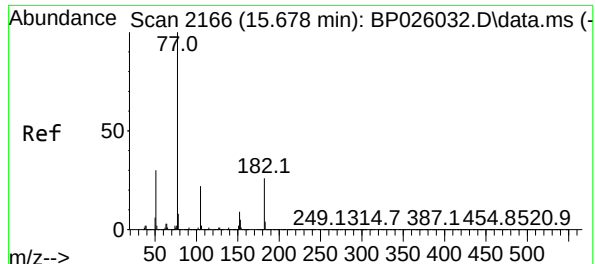
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#62
4-Nitroaniline
Concen: 25.224 ng
RT: 15.390 min Scan# 2117
Delta R.T. -0.012 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

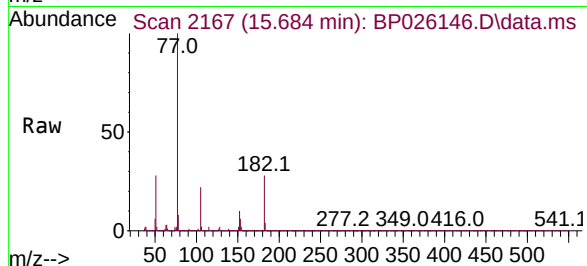
Tgt Ion:138 Resp: 319109
Ion Ratio Lower Upper
138 100
92 47.6 27.5 67.5
108 71.2 51.1 91.1





#63
Azobenzene
Concen: 20.545 ng
RT: 15.684 min Scan# 2166
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

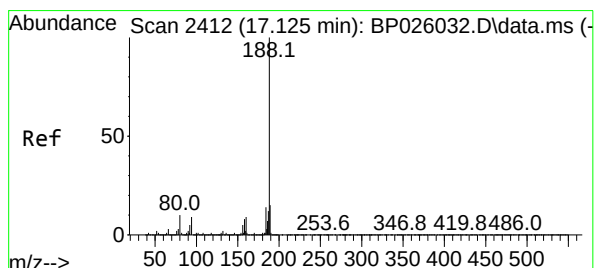
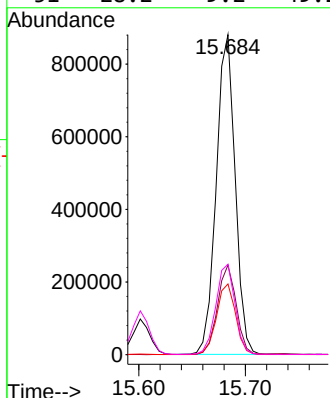
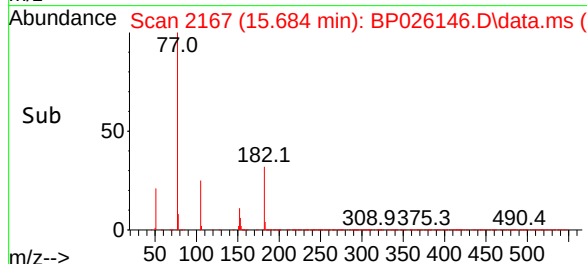
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 77 Resp: 108996
Ion Ratio Lower Upper
77 100
182 28.0 8.8 48.8
105 22.1 2.6 42.6
51 28.2 9.2 49.2

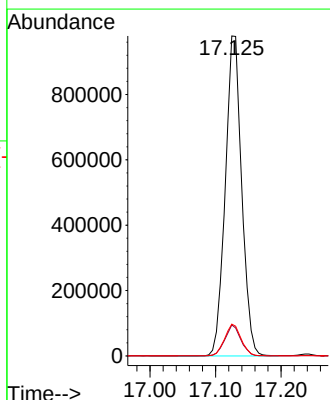
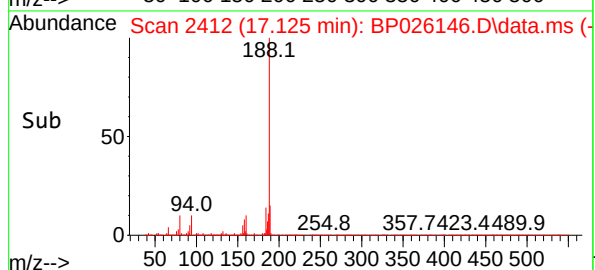
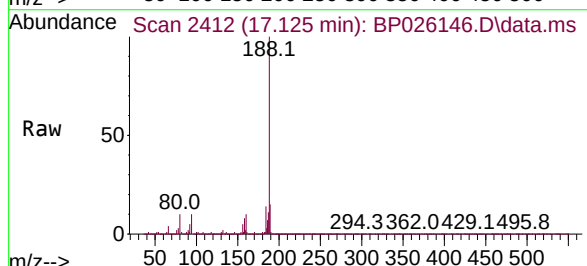
Manual Integrations
APPROVED

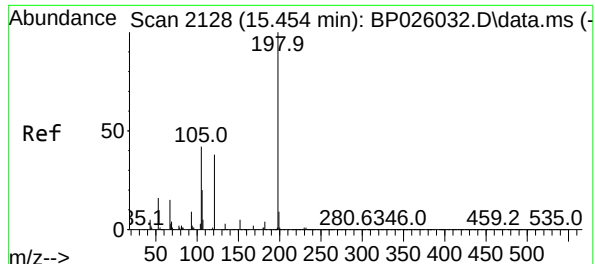
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

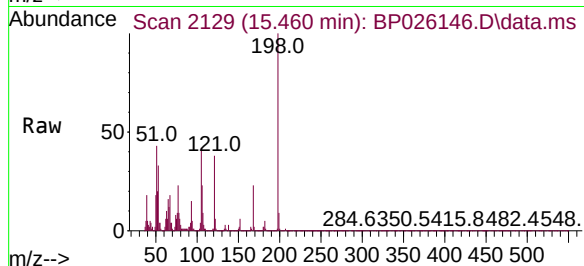
Tgt Ion:188 Resp: 1709036
Ion Ratio Lower Upper
188 100
94 9.7 7.8 11.6
80 9.9 8.2 12.2





#65
4,6-Dinitro-2-methylphenol
Concen: 28.706 ng
RT: 15.460 min Scan# 2128
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

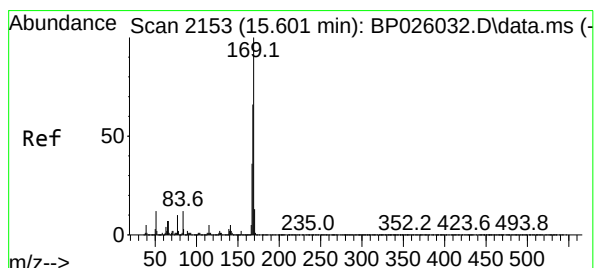
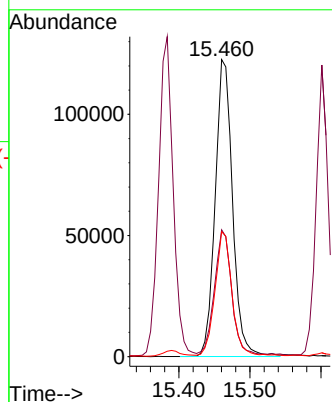
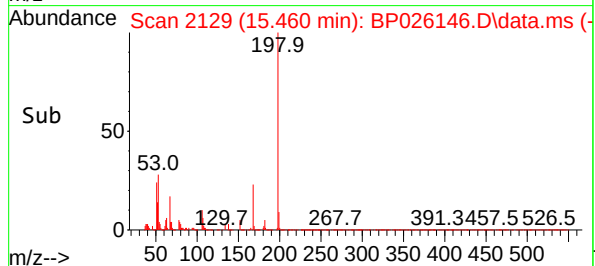
Instrument :
BNA_P
Client Sample Id :
SSTDICC020



Tgt Ion:198 Resp: 209402
Ion Ratio Lower Upper
198 100
51 42.7 18.4 58.4
105 42.1 18.5 58.5

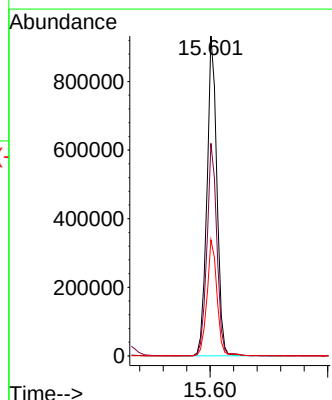
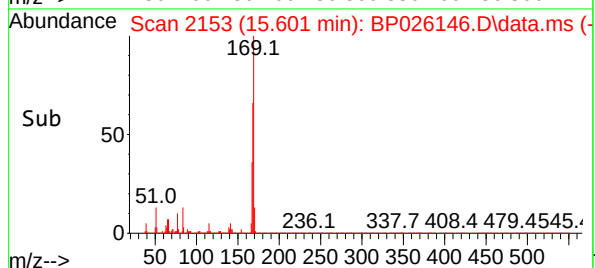
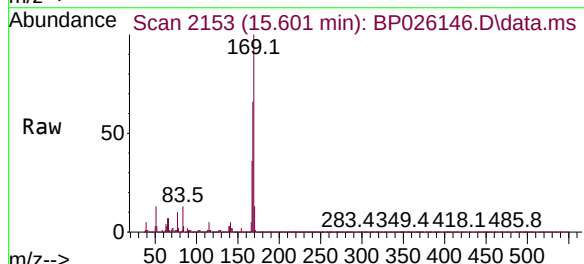
Manual Integrations
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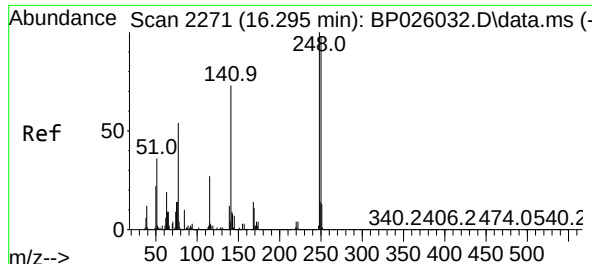
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#66
n-Nitrosodiphenylamine
Concen: 20.565 ng
RT: 15.601 min Scan# 2153
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:169 Resp: 1094982
Ion Ratio Lower Upper
169 100
168 66.4 53.1 79.7
167 36.3 28.9 43.3





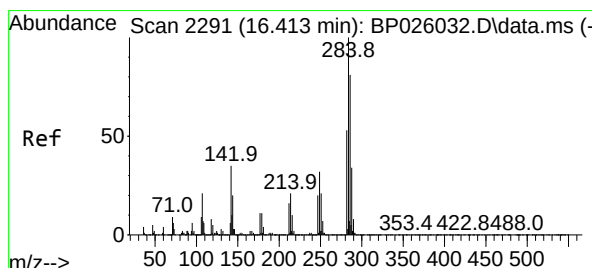
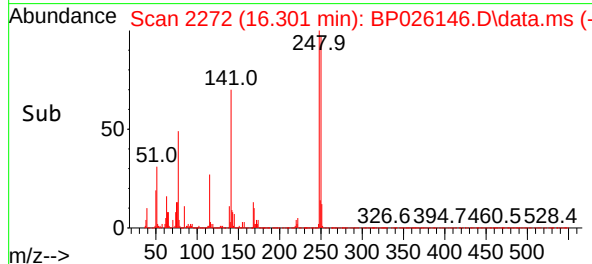
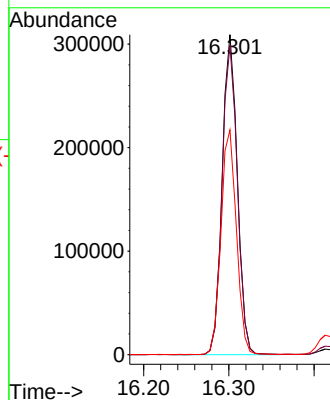
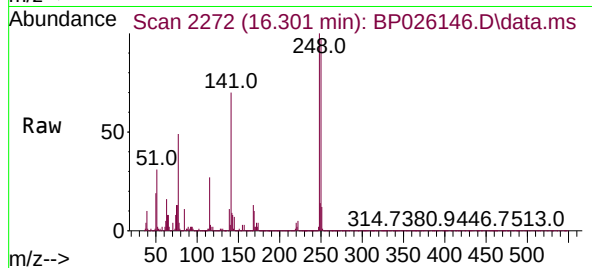
#67
4-Bromophenyl-phenylether
Concen: 20.120 ng
RT: 16.301 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:248 Resp: 381732
Ion Ratio Lower Upper
248 100
250 96.6 77.8 116.6
141 70.2 55.4 83.0

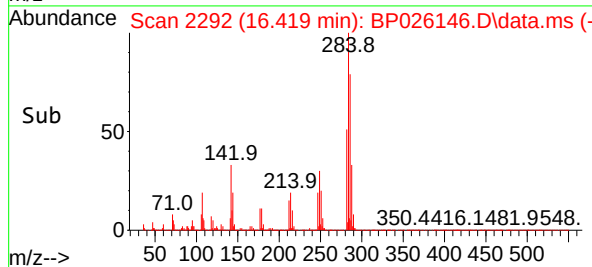
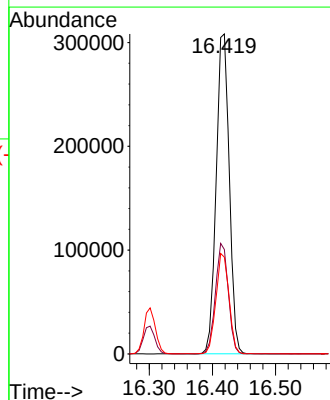
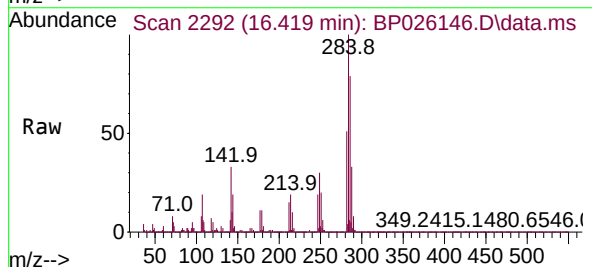
Manual Integrations
APPROVED

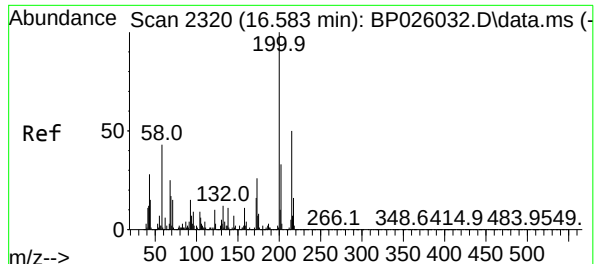
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#68
Hexachlorobenzene
Concen: 20.559 ng
RT: 16.419 min Scan# 2292
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:284 Resp: 443742
Ion Ratio Lower Upper
284 100
142 32.6 28.0 42.0
249 30.2 25.0 37.4





#69

Atrazine

Concen: 23.144 ng

RT: 16.589 min Scan# 2321

Delta R.T. 0.000 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:200 Resp: 422452

Ion Ratio Lower Upper

200 100

173 26.1 6.7 46.7

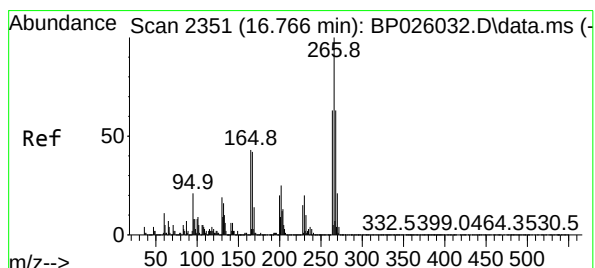
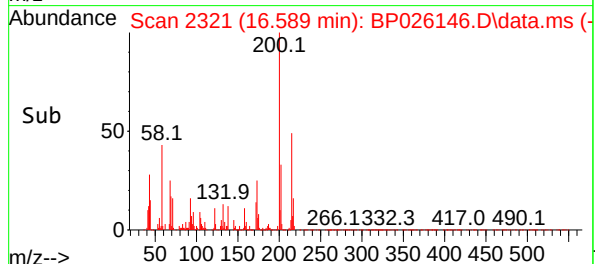
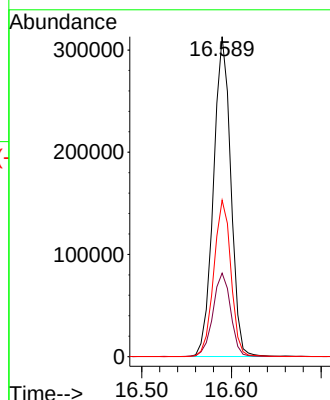
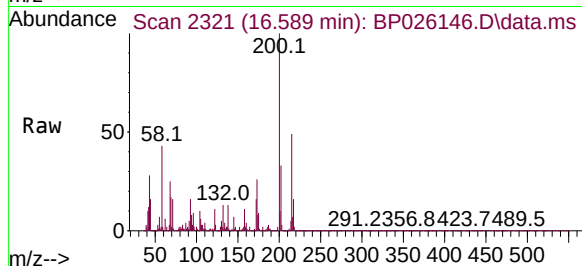
215 48.9 27.4 67.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#70

Pentachlorophenol

Concen: 22.793 ng

RT: 16.772 min Scan# 2352

Delta R.T. -0.006 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

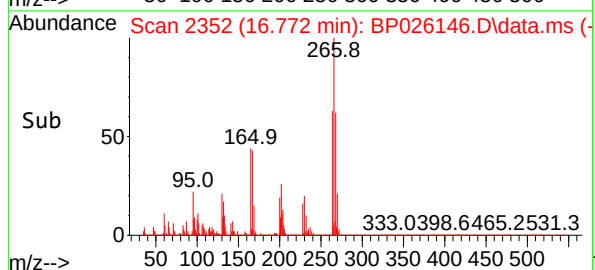
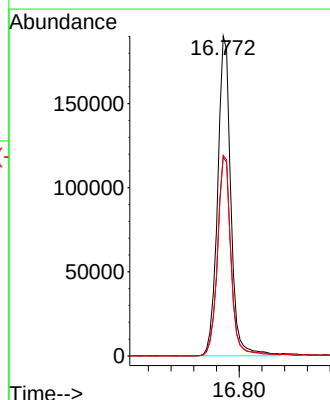
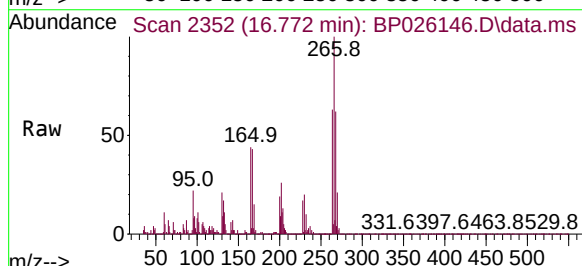
Tgt Ion:266 Resp: 306483

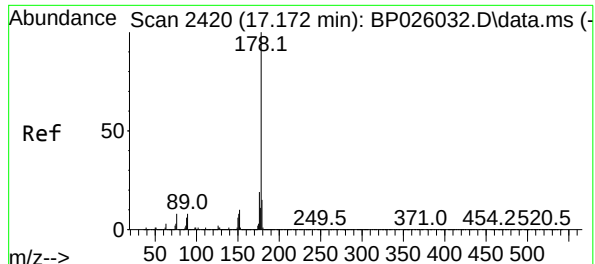
Ion Ratio Lower Upper

266 100

268 62.1 51.0 76.4

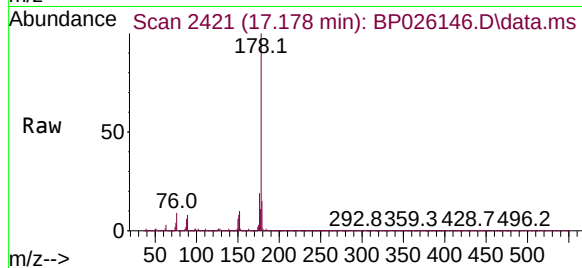
264 62.7 50.2 75.2





#71
Phenanthrene
Concen: 20.401 ng
RT: 17.178 min Scan# 2420
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

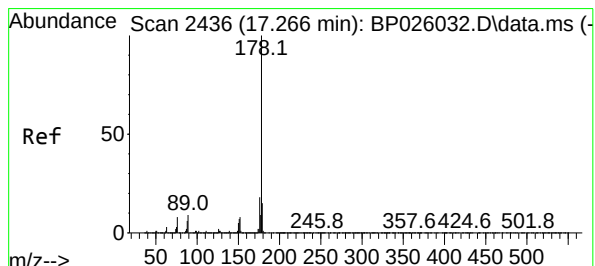
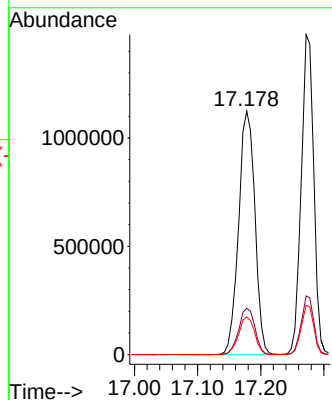
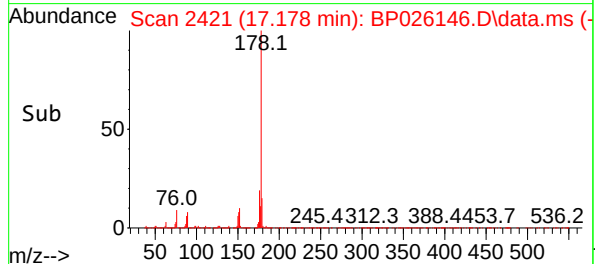
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



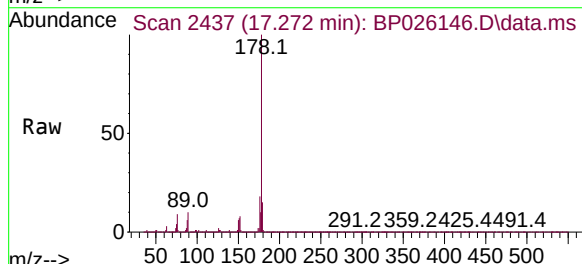
Tgt Ion:178 Resp: 2014344
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.5 12.4 18.6

Manual Integrations
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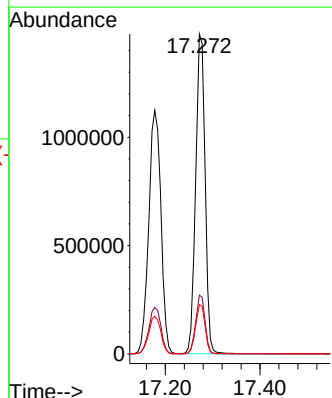
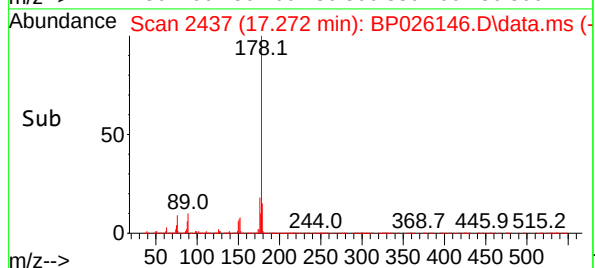
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

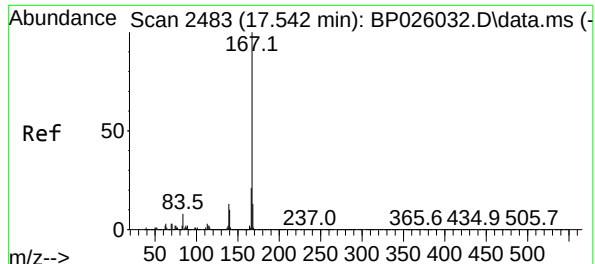


#72
Anthracene
Concen: 20.778 ng
RT: 17.272 min Scan# 2437
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35



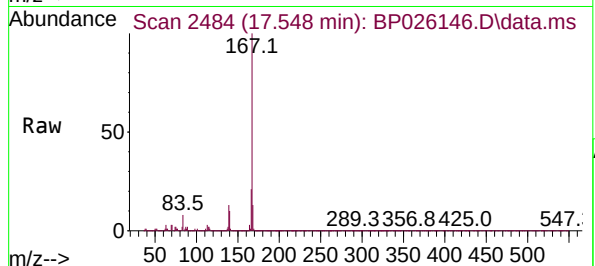
Tgt Ion:178 Resp: 2046874
Ion Ratio Lower Upper
178 100
176 18.3 14.8 22.2
179 15.4 12.2 18.4





#73
Carbazole
Concen: 21.216 ng
RT: 17.548 min Scan# 2484
Delta R.T. 0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

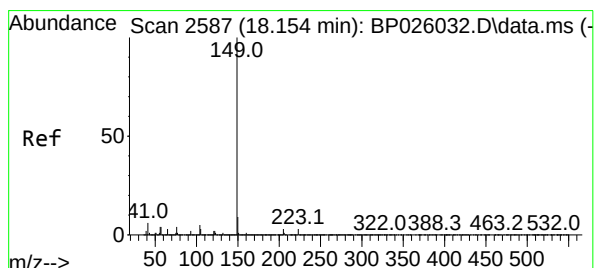
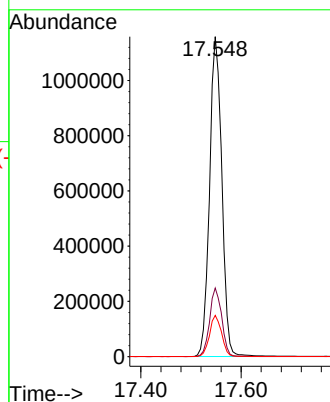
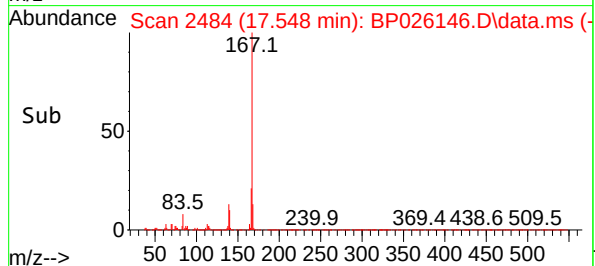
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:167 Resp: 1966833
Ion Ratio Lower Upper
167 100
166 21.4 17.1 25.7
139 12.9 10.2 15.4

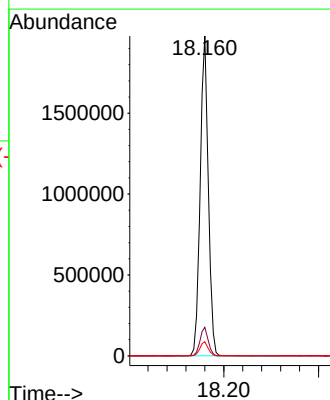
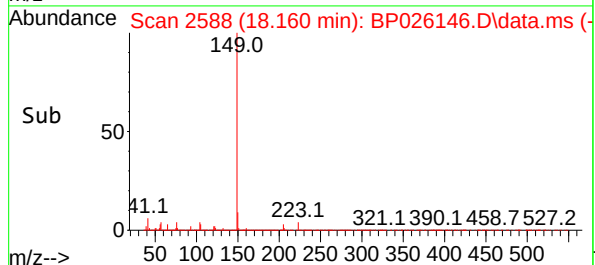
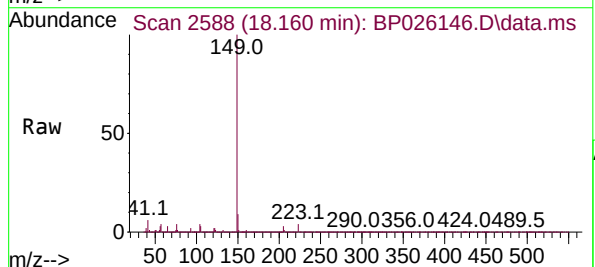
Manual Integrations
APPROVED

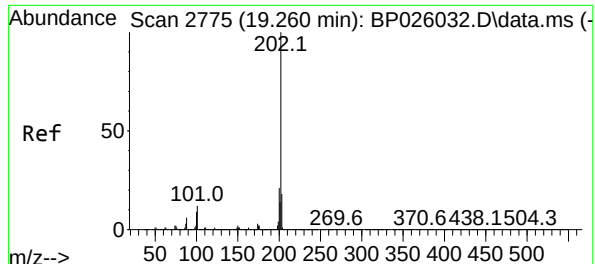
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#74
Di-n-butylphthalate
Concen: 22.368 ng
RT: 18.160 min Scan# 2588
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

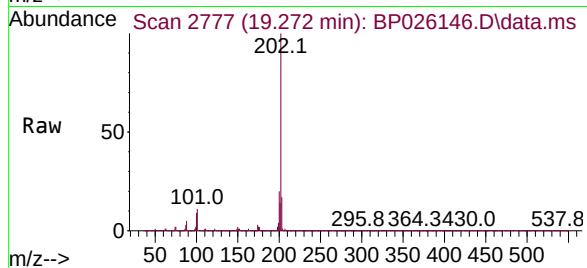
Tgt Ion:149 Resp: 2344972
Ion Ratio Lower Upper
149 100
150 8.9 7.5 11.3
104 4.4 3.6 5.4





#75
Fluoranthene
Concen: 21.452 ng
RT: 19.272 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

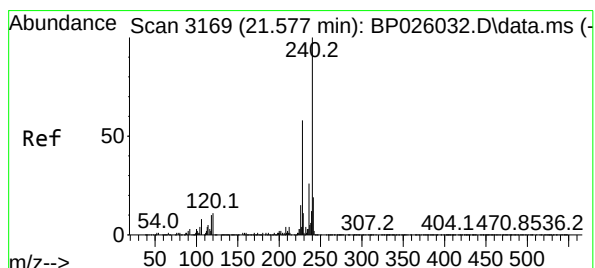
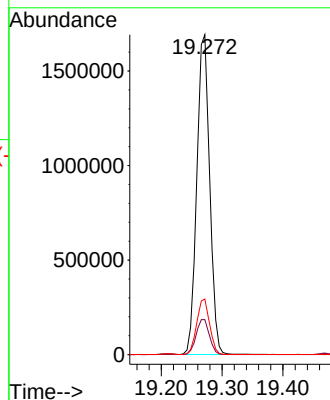
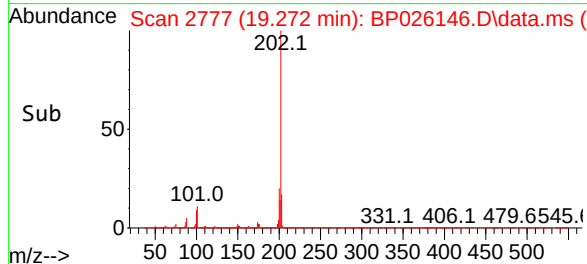
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:202 Resp: 248205
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.2
203 17.4 0.0 37.7

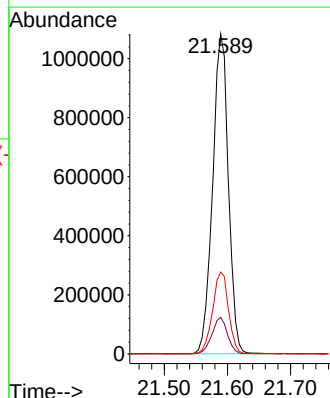
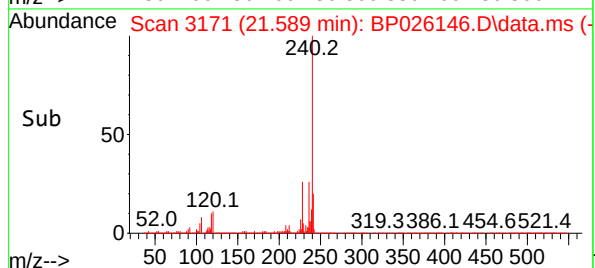
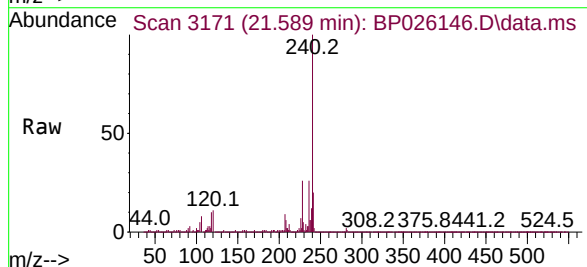
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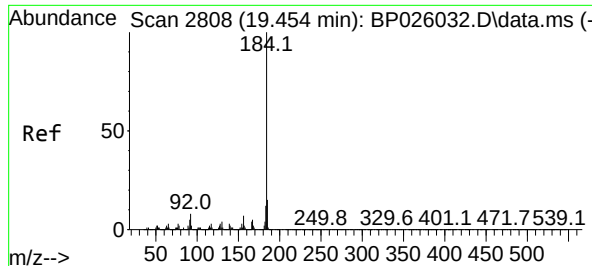
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.589 min Scan# 3171
Delta R.T. 0.018 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

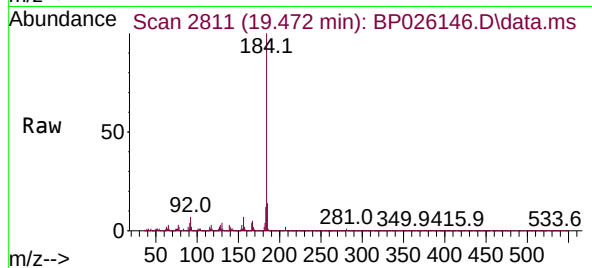
Tgt Ion:240 Resp: 1880769
Ion Ratio Lower Upper
240 100
120 11.4 9.0 13.4
236 25.6 20.4 30.6





#77
Benzidine
Concen: 27.923 ng
RT: 19.472 min Scan# 2811
Delta R.T. 0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

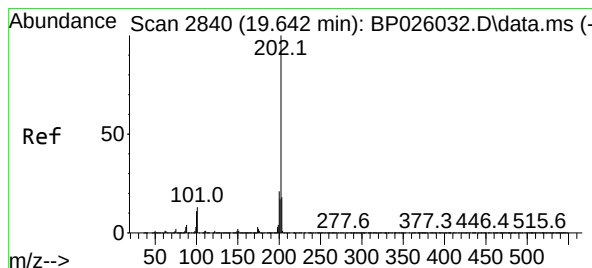
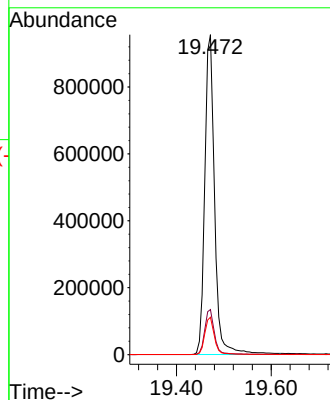
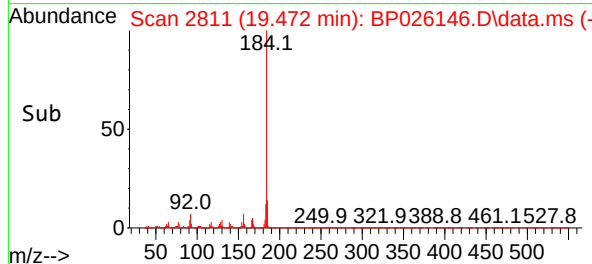
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:184 Resp: 1379032
Ion Ratio Lower Upper
184 100
185 14.1 11.3 16.9
183 11.7 9.0 13.6

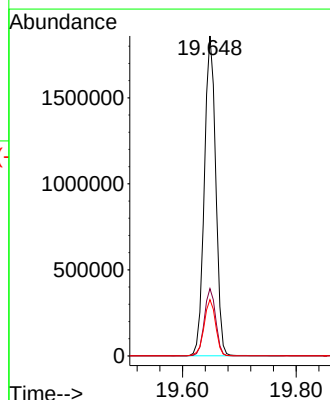
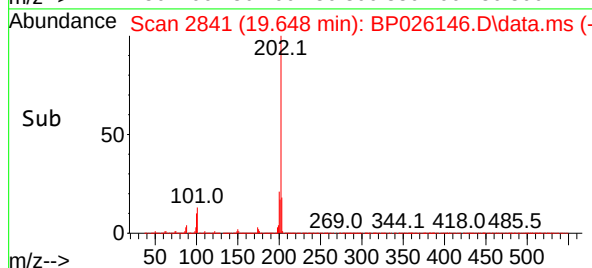
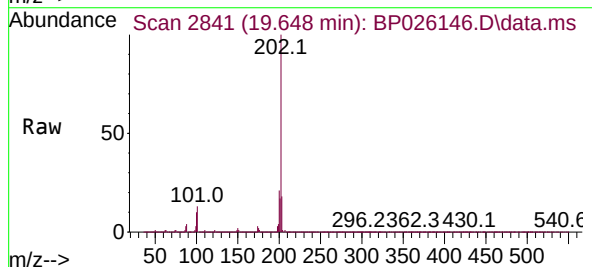
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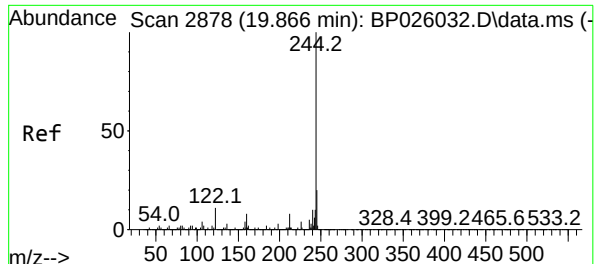
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#78
Pyrene
Concen: 20.591 ng
RT: 19.648 min Scan# 2841
Delta R.T. 0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

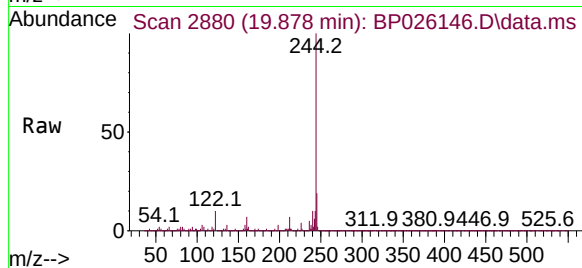
Tgt Ion:202 Resp: 2586291
Ion Ratio Lower Upper
202 100
200 21.1 16.9 25.3
203 17.6 13.8 20.8





#79
Terphenyl-d14
Concen: 43.268 ng
RT: 19.878 min Scan# 2878
Delta R.T. 0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

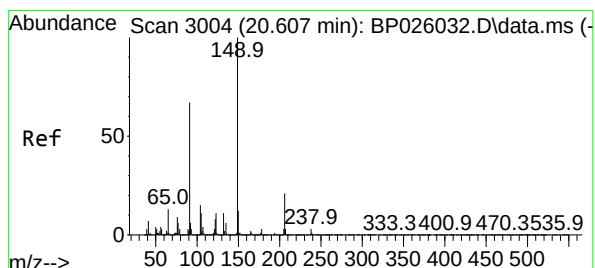
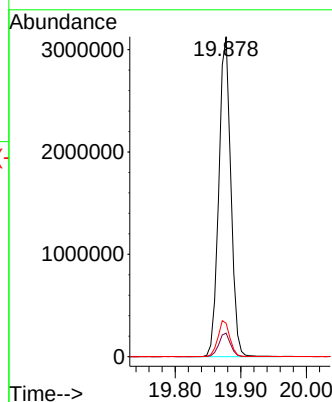
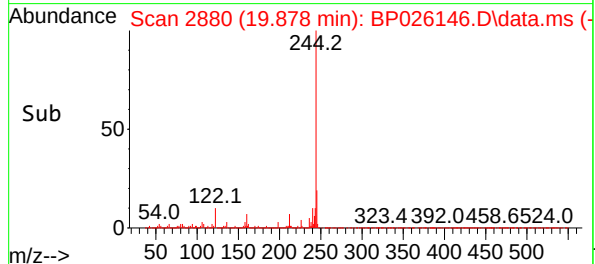
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:244 Resp: 3990615
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 10.4 8.2 12.2

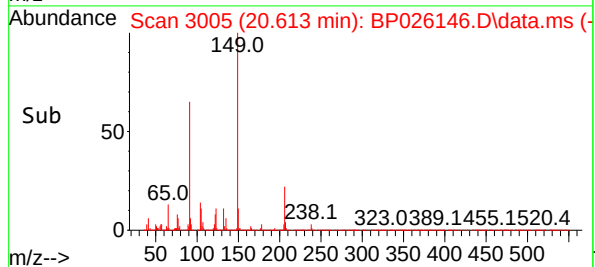
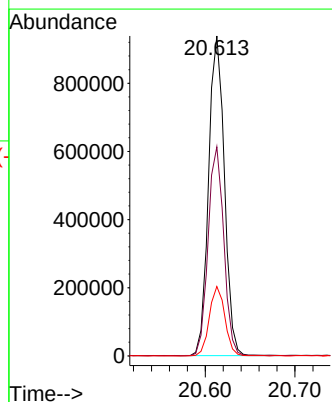
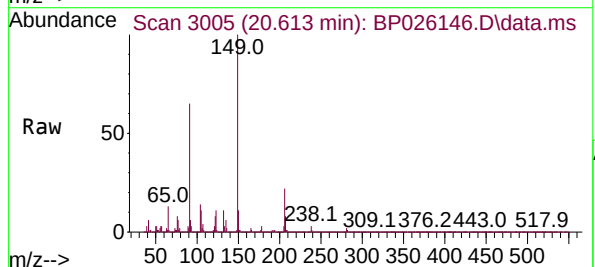
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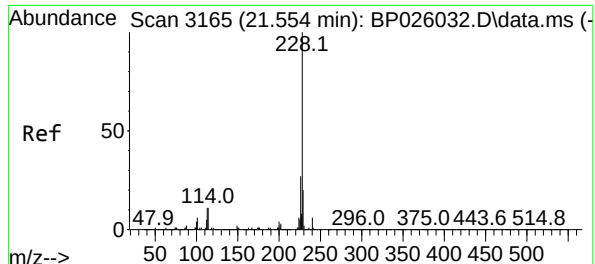
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#80
Butylbenzylphthalate
Concen: 27.342 ng
RT: 20.613 min Scan# 3005
Delta R.T. 0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

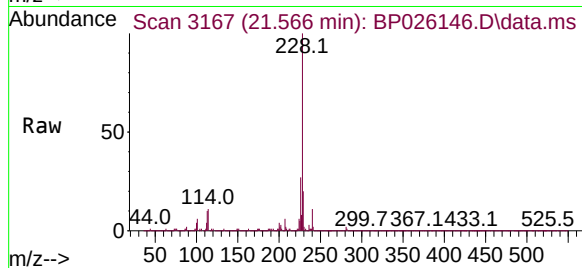
Tgt Ion:149 Resp: 1151348
Ion Ratio Lower Upper
149 100
91 65.3 52.6 79.0
206 21.7 16.9 25.3





#81
Benzo(a)anthracene
Concen: 21.043 ng
RT: 21.566 min Scan# 3167
Delta R.T. 0.012 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

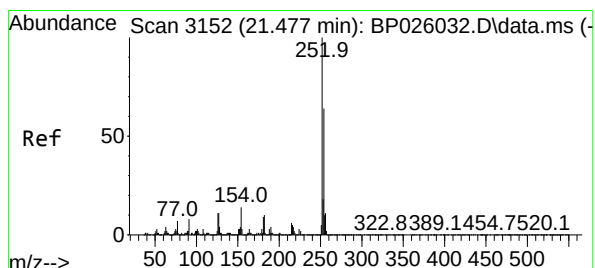
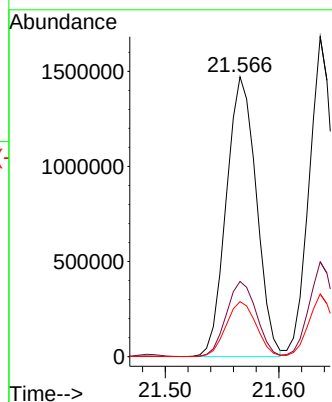
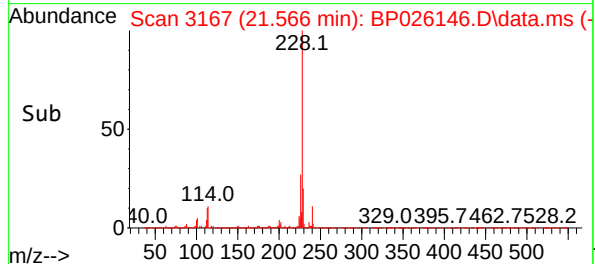
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:228 Resp: 2702573
Ion Ratio Lower Upper
228 100
226 26.9 21.8 32.8
229 19.6 15.9 23.9

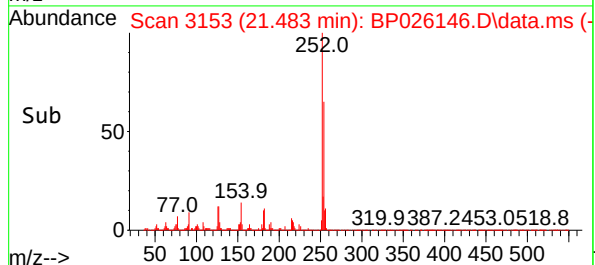
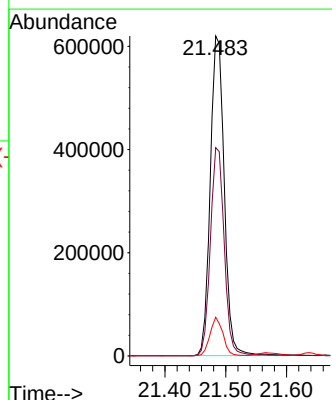
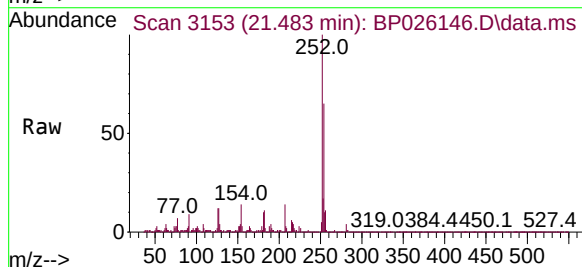
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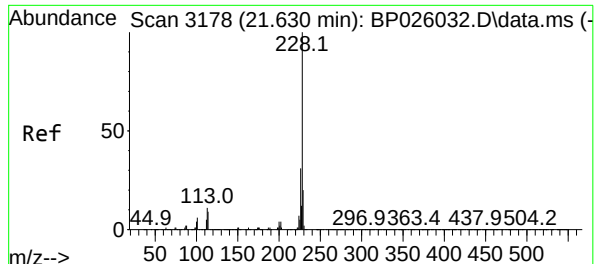
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#82
3,3'-Dichlorobenzidine
Concen: 23.394 ng
RT: 21.483 min Scan# 3153
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:252 Resp: 989512
Ion Ratio Lower Upper
252 100
254 65.1 51.2 76.8
126 12.1 8.2 12.4





#83

Chrysene

Concen: 20.723 ng

RT: 21.636 min Scan# 3178

Delta R.T. 0.018 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:228 Resp: 2522765

Ion Ratio Lower Upper

228 100

226 29.6 23.9 35.9

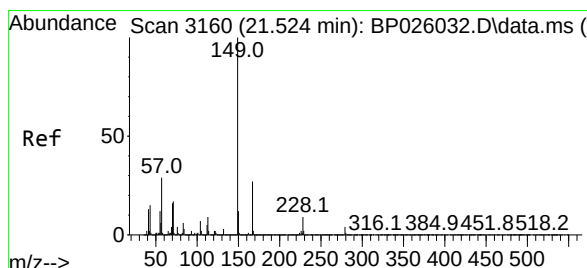
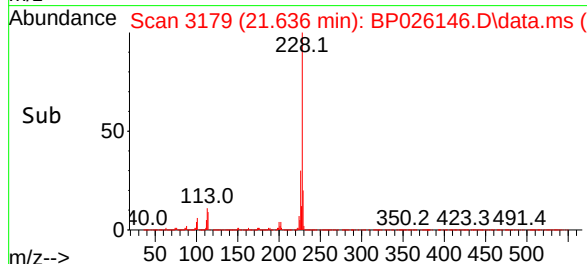
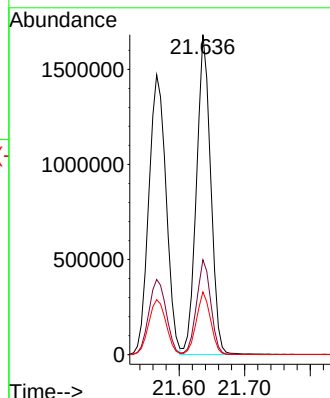
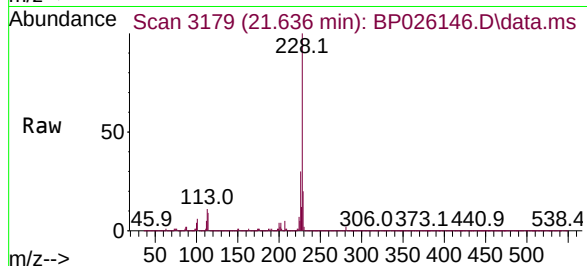
229 19.6 15.9 23.9

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 25.069 ng

RT: 21.530 min Scan# 3161

Delta R.T. 0.012 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

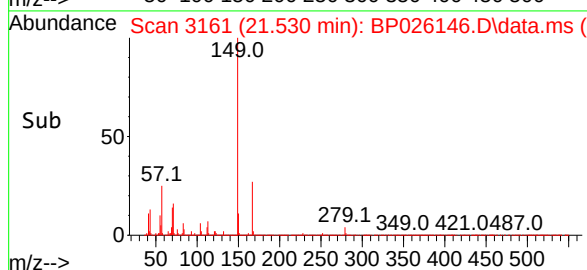
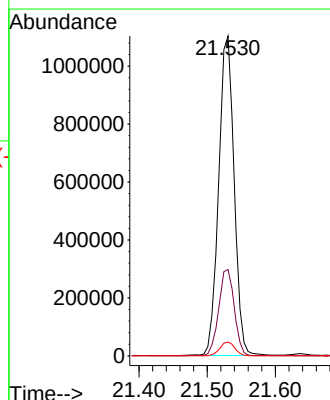
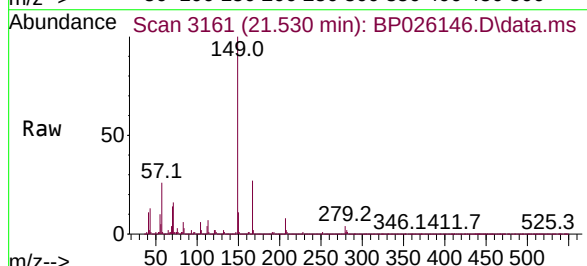
Tgt Ion:149 Resp: 1726261

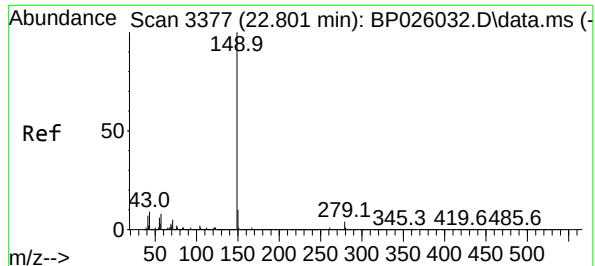
Ion Ratio Lower Upper

149 100

167 27.0 22.1 33.1

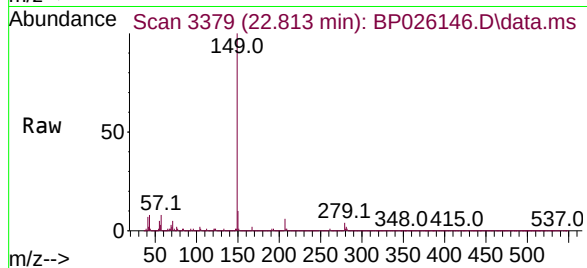
279 4.3 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 25.198 ng
RT: 22.813 min Scan# 3377
Delta R.T. 0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

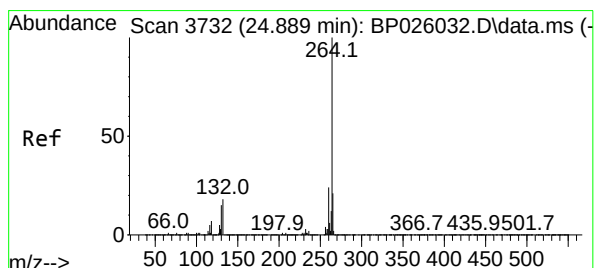
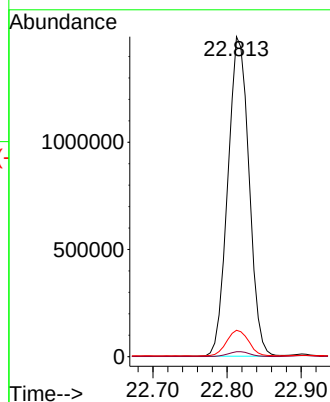
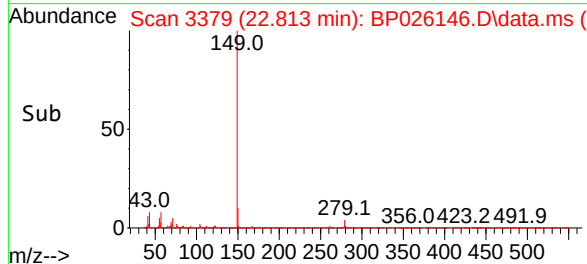
Instrument :
BNA_P
Client Sample Id :
SSTDICC020



Tgt Ion:149 Resp: 2956568
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 8.3 6.6 10.0

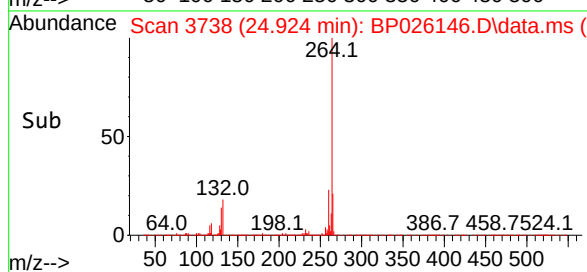
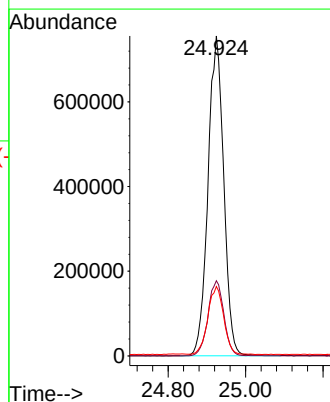
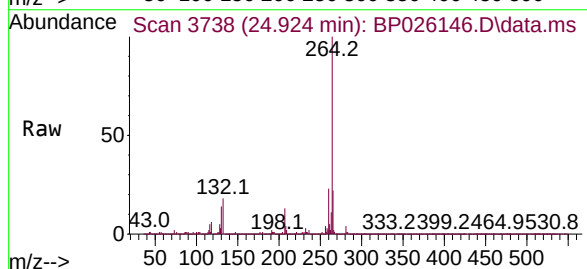
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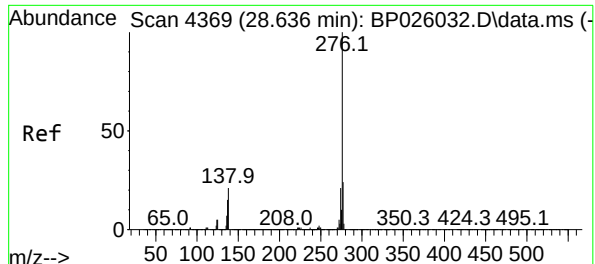
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.924 min Scan# 3738
Delta R.T. 0.018 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:264 Resp: 2127701
Ion Ratio Lower Upper
264 100
260 23.5 18.7 28.1
265 21.7 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 20.969 ng m

RT: 28.706 min Scan# 4369

Delta R.T. 0.000 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:276 Resp: 3273296

Ion Ratio Lower Upper

276 100

138 17.7 13.8 20.8

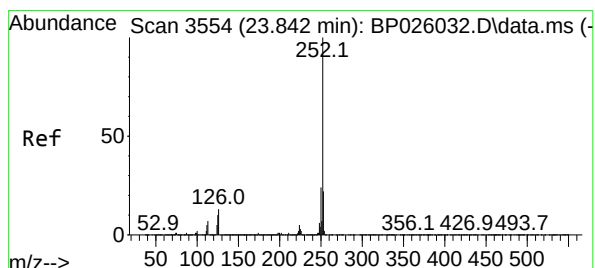
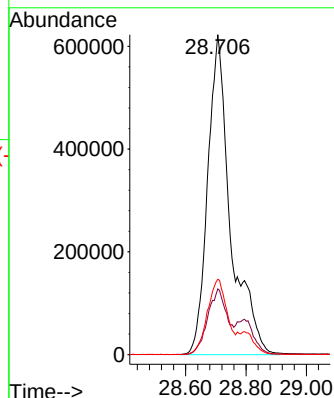
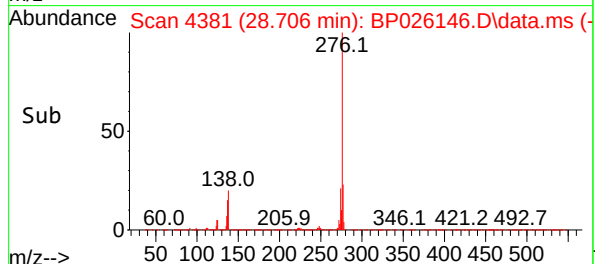
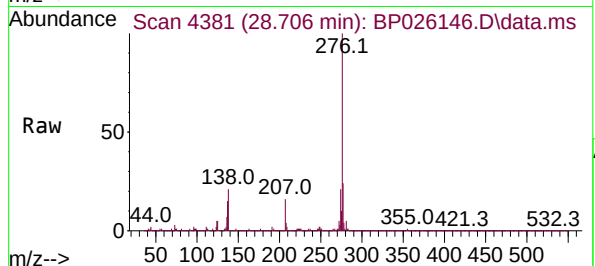
277 20.3 16.7 25.1

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#88

Benzo(b)fluoranthene

Concen: 20.722 ng

RT: 23.866 min Scan# 3558

Delta R.T. 0.000 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

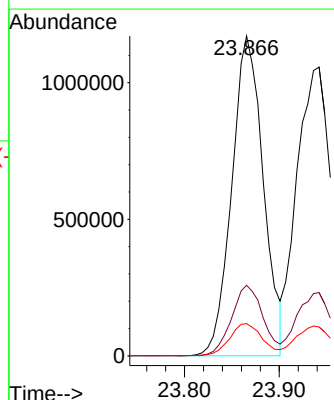
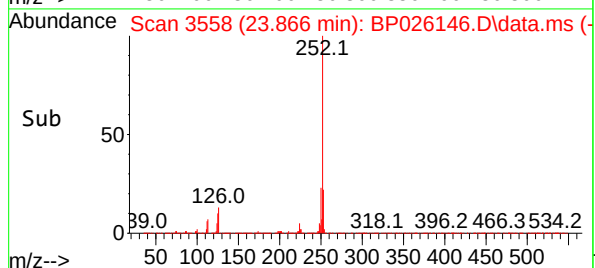
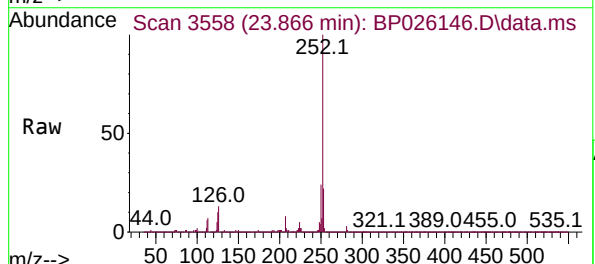
Tgt Ion:252 Resp: 2704711

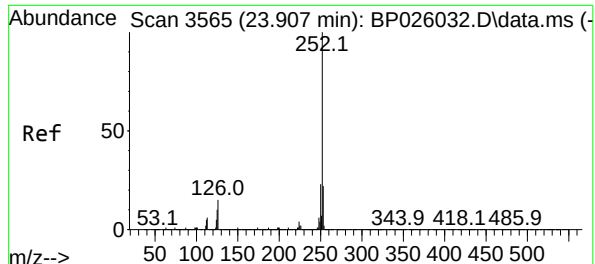
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 10.1 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 20.326 ng

RT: 23.942 min Scan# 3565

Delta R.T. 0.006 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:252 Resp: 2712398

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

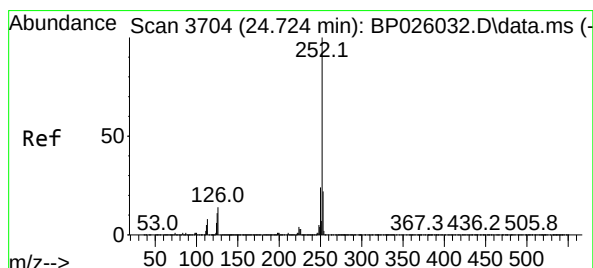
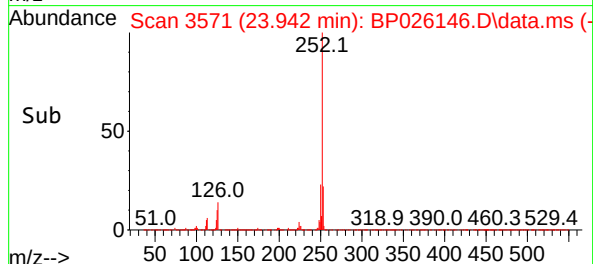
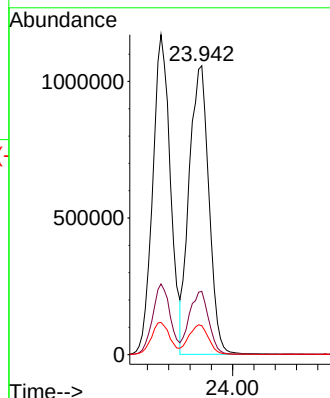
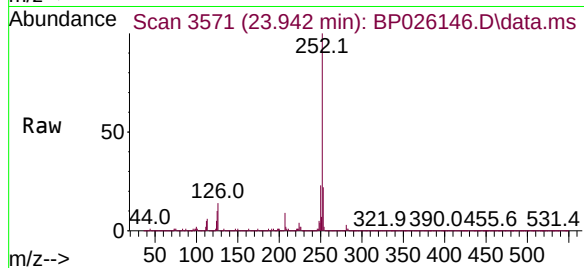
125 10.0 7.5 11.3

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#90

Benzo(a)pyrene

Concen: 21.125 ng

RT: 24.754 min Scan# 3709

Delta R.T. 0.000 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

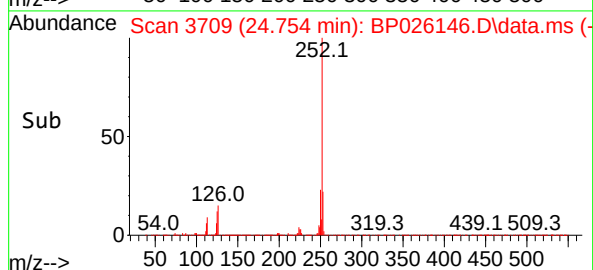
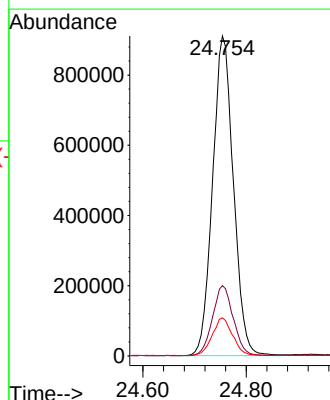
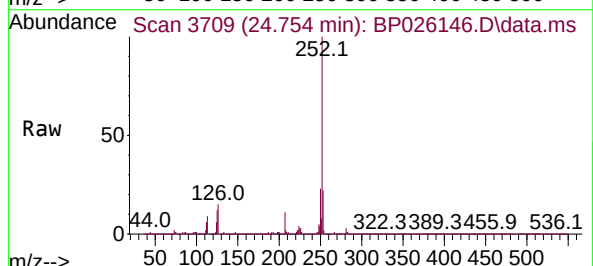
Tgt Ion:252 Resp: 2549616

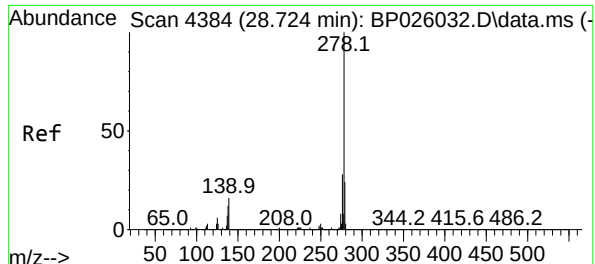
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 11.9 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 21.306 ng

RT: 28.795 min Scan# 4384

Delta R.T. 0.000 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:278 Resp: 2711736

Ion Ratio Lower Upper

278 100

139 16.4 13.2 19.8

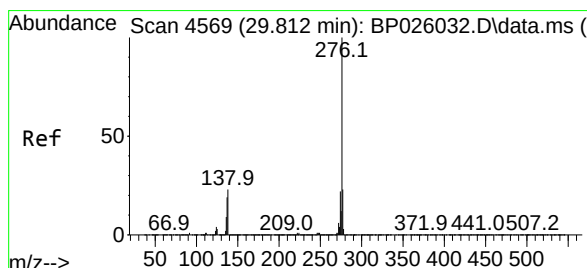
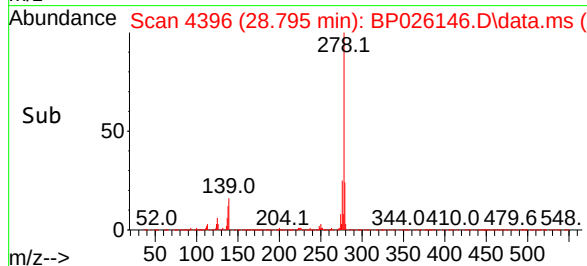
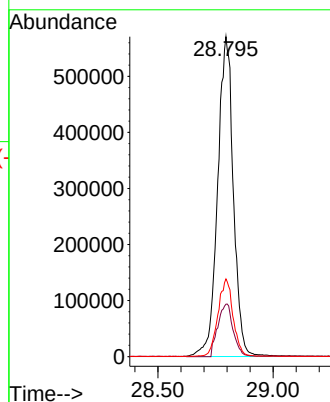
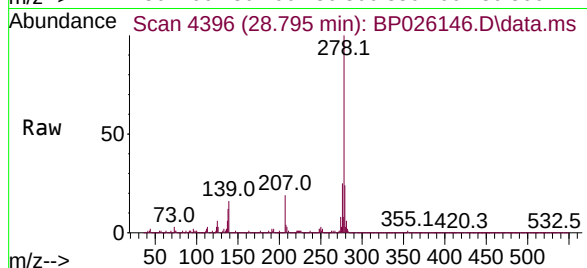
279 24.3 19.2 28.8

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APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#92

Benzo(g,h,i)perylene

Concen: 21.686 ng m

RT: 29.877 min Scan# 4580

Delta R.T. -0.006 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

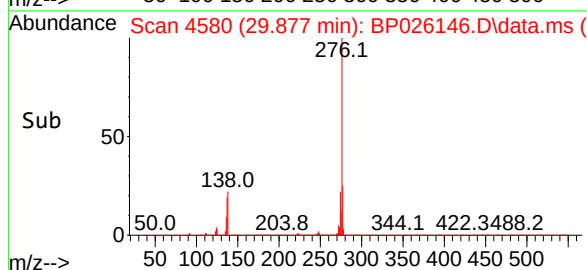
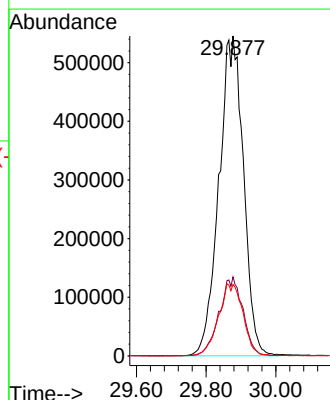
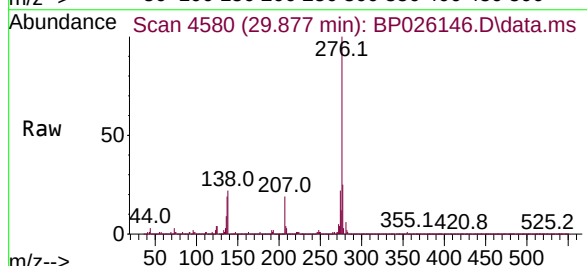
Tgt Ion:276 Resp: 2666038

Ion Ratio Lower Upper

276 100

277 24.7 18.8 28.2

138 22.3 17.8 26.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
 Data File : BP026147.D
 Acq On : 18 Nov 2025 17:57
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
 Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 19 01:14:00 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 01:06:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.672	152	337271	20.000	ng	0.00
21) Naphthalene-d8	10.443	136	1420937	20.000	ng	0.00
39) Acenaphthene-d10	14.313	164	933300	20.000	ng	-0.01
64) Phenanthrene-d10	17.131	188	1878028	20.000	ng	0.00
76) Chrysene-d12	21.577	240	1999579	20.000	ng	0.00
86) Perylene-d12	24.901	264	2243799	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.290	112	1679294	79.895	ng	0.00
7) Phenol-d6	6.855	99	2181293	81.447	ng	0.00
23) Nitrobenzene-d5	8.813	82	2018895	80.578	ng	0.00
42) 2,4,6-Tribromophenol	15.831	330	985641	81.498	ng	0.00
45) 2-Fluorobiphenyl	12.919	172	4991155	78.020	ng	-0.01
79) Terphenyl-d14	19.872	244	7922015	80.792	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.220	88	328478	38.414	ng	100
3) Pyridine	3.614	79	974704	39.541	ng	98
4) n-Nitrosodimethylamine	3.519	42	364054	39.627	ng	96
6) Aniline	7.008	93	1431502	40.575	ng	98
8) 2-Chlorophenol	7.243	128	964995	40.369	ng	99
9) Benzaldehyde	6.819	77	622134	53.939	ng	99
10) Phenol	6.878	94	1177853	40.869	ng	99
11) bis(2-Chloroethyl)ether	7.102	93	917778	40.811	ng	99
12) 1,3-Dichlorobenzene	7.560	146	1028799	39.968	ng	99
13) 1,4-Dichlorobenzene	7.708	146	1038752	40.071	ng	99
14) 1,2-Dichlorobenzene	8.019	146	997382	39.996	ng	99
15) Benzyl Alcohol	7.908	79	800974	40.874	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.196	45	1291371	40.615	ng	99
17) 2-Methylphenol	8.113	107	806245	41.076	ng	100
18) Hexachloroethane	8.743	117	380794	40.305	ng	99
19) n-Nitroso-di-n-propyla...	8.472	70	690711	41.414	ng	99
20) 3+4-Methylphenols	8.437	107	1095272	40.127	ng	98
22) Acetophenone	8.484	105	1439776	39.828	ng	100
24) Nitrobenzene	8.855	77	1020382	40.240	ng	99
25) Isophorone	9.384	82	2017328	40.551	ng	99
26) 2-Nitrophenol	9.554	139	537109	42.012	ng	99
27) 2,4-Dimethylphenol	9.625	122	932722	40.271	ng	99
28) bis(2-Chloroethoxy)met...	9.860	93	1247327	40.045	ng	99
29) 2,4-Dichlorophenol	10.096	162	940122	40.740	ng	99
30) 1,2,4-Trichlorobenzene	10.307	180	938571	39.912	ng	99
31) Naphthalene	10.496	128	3048677	39.513	ng	99
32) Benzoic acid	9.772	122	784823	42.116	ng	97
33) 4-Chloroaniline	10.596	127	1340270	40.923	ng	99
34) Hexachlorobutadiene	10.784	225	610384	39.893	ng	99
35) Caprolactam	11.384	113	333785	40.168	ng	97
36) 4-Chloro-3-methylphenol	11.725	107	1006010	40.975	ng	99
37) 2-Methylnaphthalene	12.107	142	2196657	40.223	ng	100
38) 1-Methylnaphthalene	12.331	142	2167022	40.554	ng	99
40) 1,2,4,5-Tetrachloroben...	12.478	216	1113781	39.601	ng	100
41) Hexachlorocyclopentadiene	12.466	237	739123	40.264	ng	100
43) 2,4,6-Trichlorophenol	12.719	196	783545	40.484	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
 Data File : BP026147.D
 Acq On : 18 Nov 2025 17:57
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 19 01:14:00 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 19 01:06:38 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.795	196	871078	40.362	ng	99
46) 1,1'-Biphenyl	13.131	154	2780286	39.689	ng	99
47) 2-Chloronaphthalene	13.166	162	2182735	39.633	ng	99
48) 2-Nitroaniline	13.366	65	630592	41.000	ng	95
49) Acenaphthylene	14.025	152	3633847	39.879	ng	100
50) Dimethylphthalate	13.760	163	2788637	40.098	ng	100
51) 2,6-Dinitrotoluene	13.878	165	588736	42.806	ng	95
52) Acenaphthene	14.372	154	2124219	39.859	ng	99
53) 3-Nitroaniline	14.207	138	675665	41.586	ng	99
54) 2,4-Dinitrophenol	14.413	184	346832	42.038	ng	98
55) Dibenzofuran	14.713	168	3294100	39.554	ng	99
56) 4-Nitrophenol	14.531	139	589592	39.974	ng	99
57) 2,4-Dinitrotoluene	14.678	165	871532	42.152	ng	96
58) Fluorene	15.384	166	2576477	39.135	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.954	232	746296	40.827	ng	100
60) Diethylphthalate	15.160	149	2841743	40.313	ng	99
61) 4-Chlorophenyl-phenyle...	15.384	204	1293329	39.576	ng	96
62) 4-Nitroaniline	15.395	138	681705	40.085	ng	99
63) Azobenzene	15.684	77	2408368	40.665	ng	99
65) 4,6-Dinitro-2-methylph...	15.454	198	503716	42.621	ng	95
66) n-Nitrosodiphenylamine	15.601	169	2344222	40.344	ng	100
67) 4-Bromophenyl-phenylether	16.295	248	861696	41.519	ng	98
68) Hexachlorobenzene	16.419	284	994319	41.466	ng	95
69) Atrazine	16.584	200	893064	40.815	ng	99
70) Pentachlorophenol	16.766	266	688877	40.947	ng	99
71) Phenanthrene	17.172	178	4216157	39.682	ng	99
72) Anthracene	17.260	178	4399641	40.544	ng	100
73) Carbazole	17.542	167	4149841	40.424	ng	100
74) Di-n-butylphthalate	18.160	149	5102416	41.877	ng	99
75) Fluoranthene	19.266	202	5142583	39.601	ng	99
77) Benzidine	19.460	184	2462804	40.014	ng	99
78) Pyrene	19.642	202	5323064	40.857	ng	99
80) Butylbenzylphthalate	20.607	149	2411743	41.564	ng	99
81) Benzo(a)anthracene	21.554	228	5501277	40.116	ng	100
82) 3,3'-Dichlorobenzidine	21.483	252	2000641	40.145	ng	99
83) Chrysene	21.630	228	5135129	39.774	ng	99
84) Bis(2-ethylhexyl)phtha...	21.519	149	3731352	42.841	ng	100
85) Di-n-octyl phthalate	22.807	149	6322176	41.246	ng	100
87) Indeno(1,2,3-cd)pyrene	28.701	276	6780312m	40.563	ng	
88) Benzo(b)fluoranthene	23.865	252	5552010	40.699	ng	99
89) Benzo(k)fluoranthene	23.936	252	5444576	39.935	ng	99
90) Benzo(a)pyrene	24.754	252	5241553	40.506	ng	99
91) Dibenzo(a,h)anthracene	28.783	278	5550506	40.515	ng	100
92) Benzo(g,h,i)perylene	29.883	276	5486208	40.345	ng	100

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

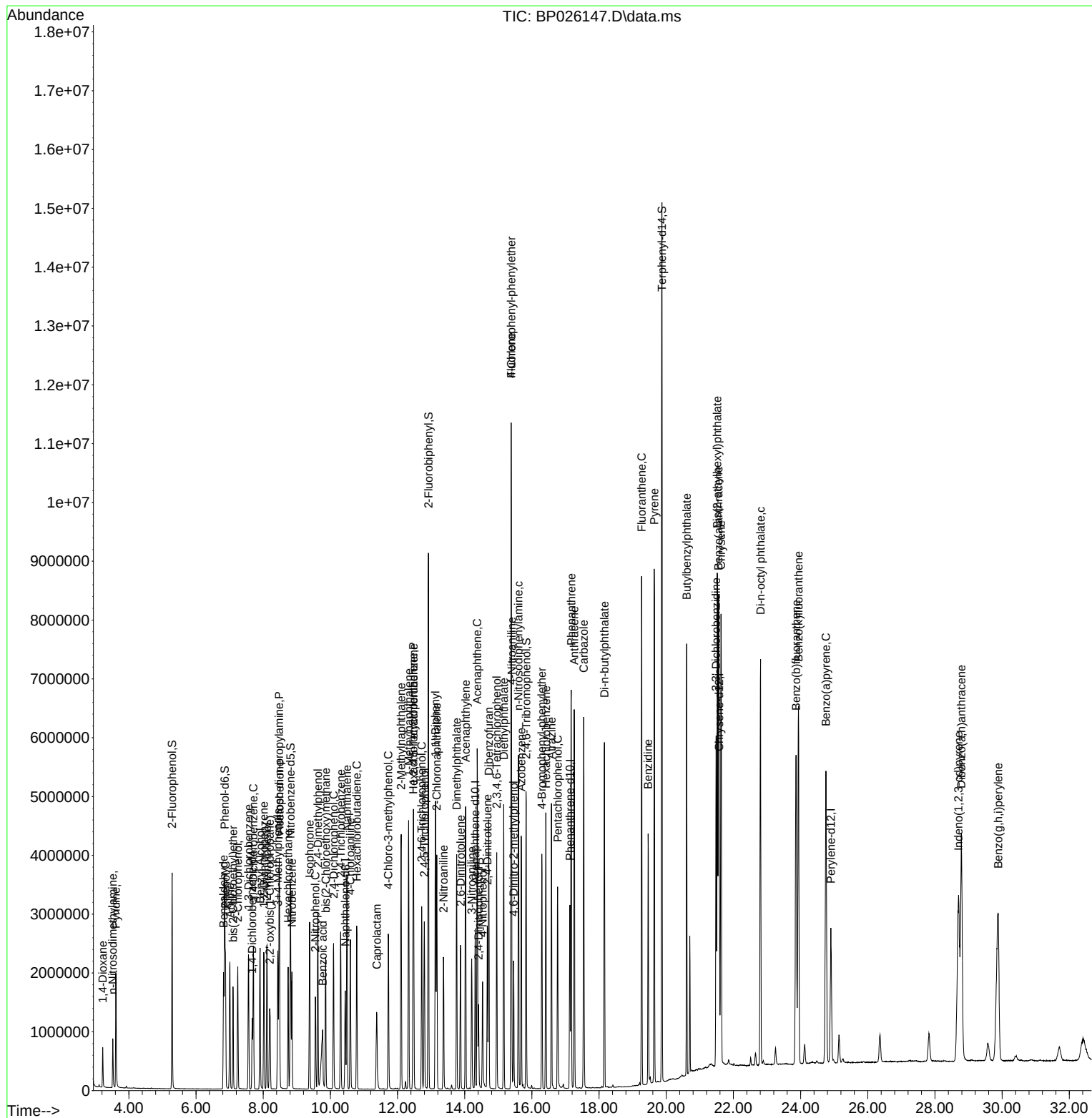
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Data File : BP026147.D
Acq On : 18 Nov 2025 17:57
Operator : RC/JU
Sample : SSTDICC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

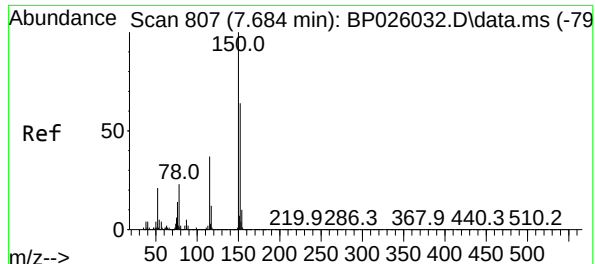
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 19 01:14:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:06:38 2025
Response via : Initial Calibration





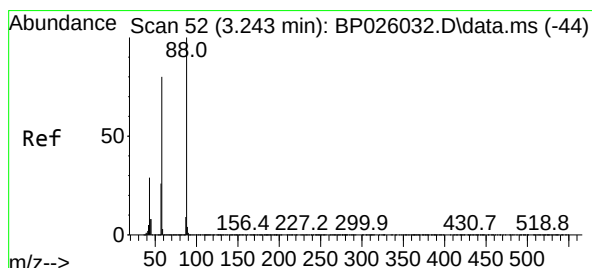
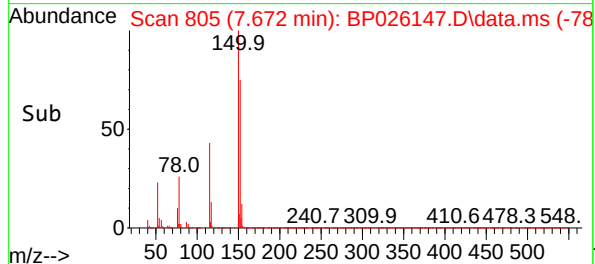
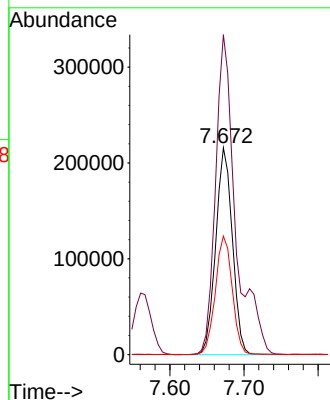
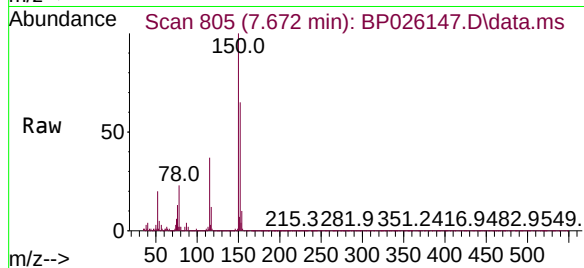
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.672 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Instrument :
BNA_P
Client Sample Id :
SSTDICCC040

Tgt Ion: 152 Resp: 33727
Ion Ratio Lower Upper
152 100
150 154.7 123.0 184.6
115 57.3 46.3 69.5

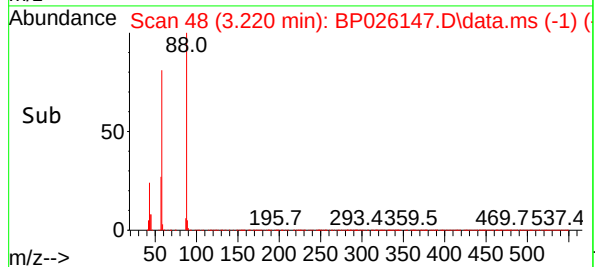
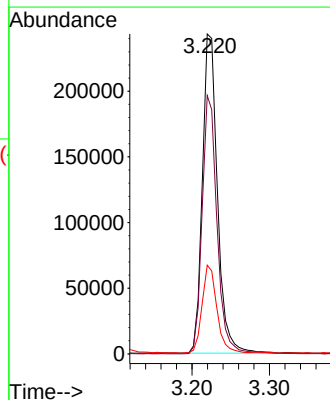
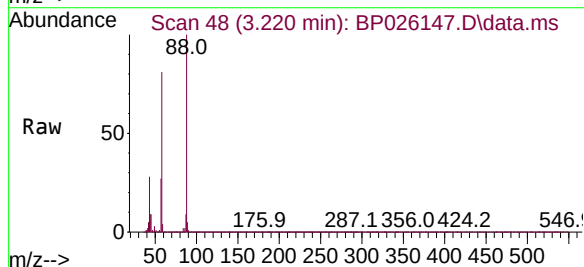
Manual Integrations
APPROVED

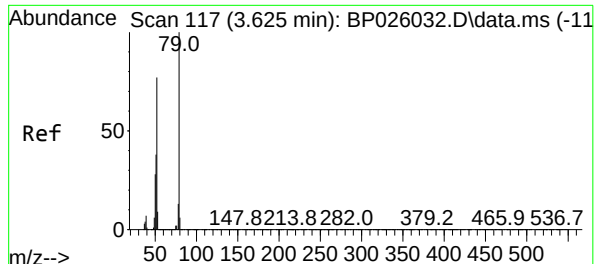
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#2
1,4-Dioxane
Concen: 38.414 ng
RT: 3.220 min Scan# 48
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

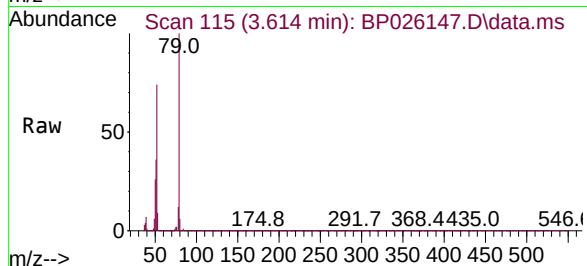
Tgt Ion: 88 Resp: 328478
Ion Ratio Lower Upper
88 100
58 80.0 64.2 96.4
43 26.9 21.5 32.3





#3
Pyridine
Concen: 39.541 ng
RT: 3.614 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

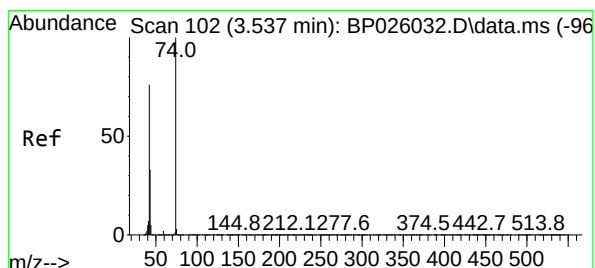
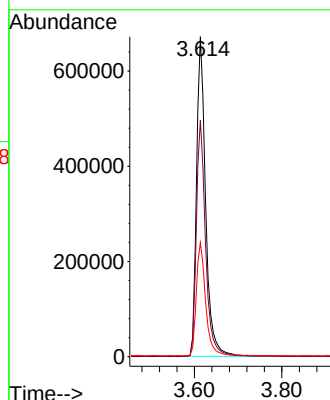
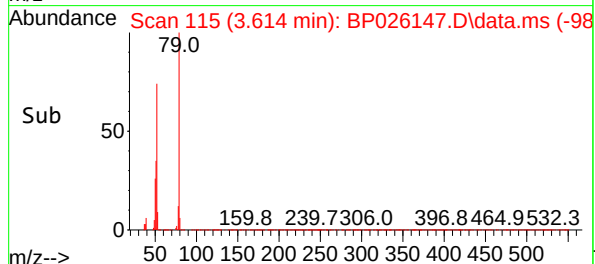
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



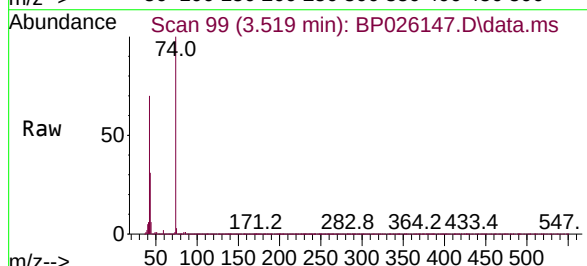
Tgt Ion: 79 Resp: 974704
Ion Ratio Lower Upper
79 100
52 73.9 60.2 90.2
51 35.6 29.5 44.3

Manual Integrations
APPROVED

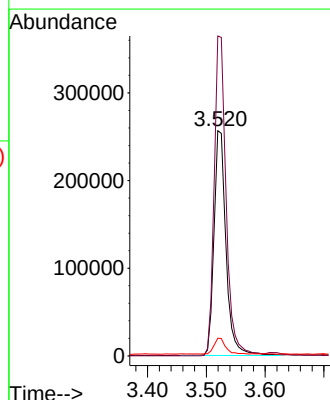
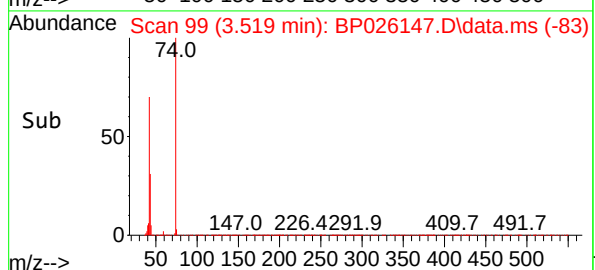
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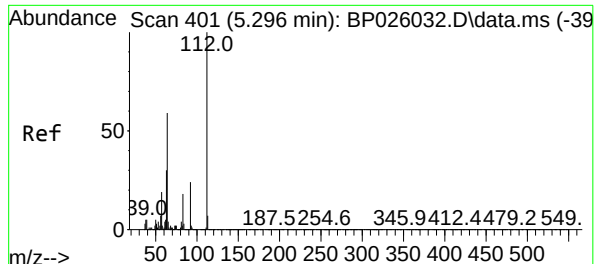


#4
n-Nitrosodimethylamine
Concen: 39.627 ng
RT: 3.519 min Scan# 99
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57



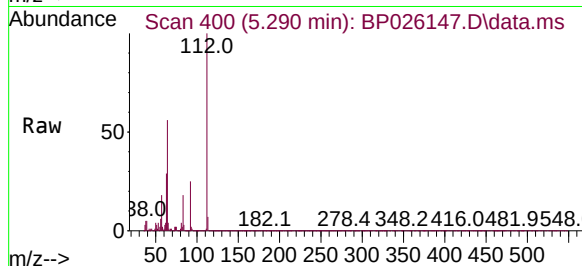
Tgt Ion: 42 Resp: 364054
Ion Ratio Lower Upper
42 100
74 142.1 118.1 177.1
44 7.9 6.2 9.4





#5
2-Fluorophenol
Concen: 79.895 ng
RT: 5.290 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

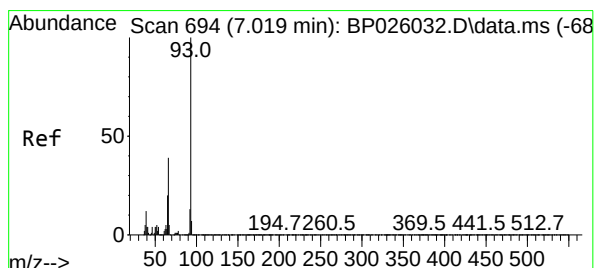
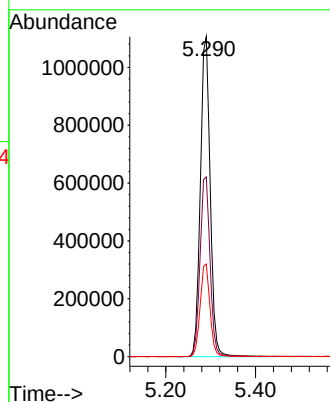
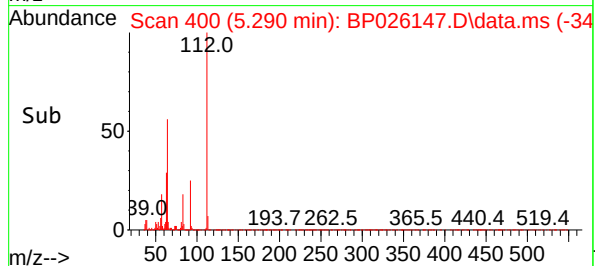
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion: 112 Resp: 1679294
Ion Ratio Lower Upper
112 100
64 56.2 45.8 68.6
63 29.0 23.5 35.3

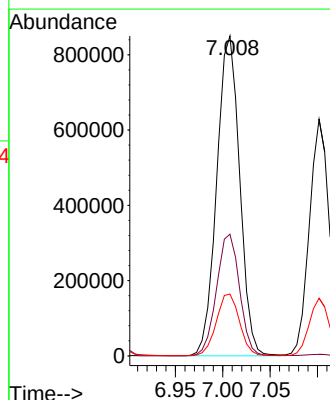
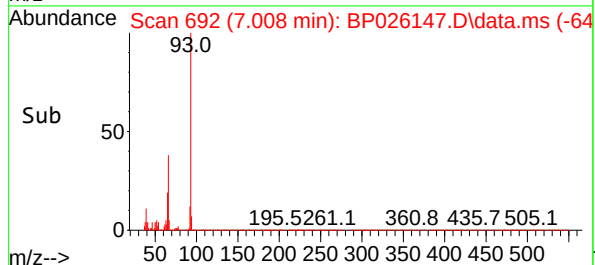
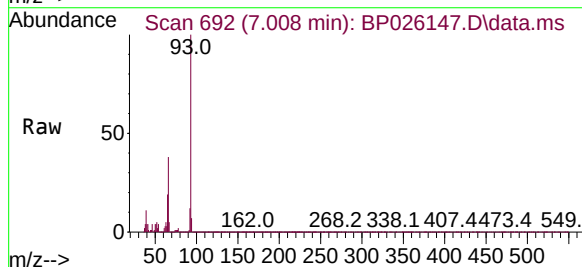
Manual Integrations
APPROVED

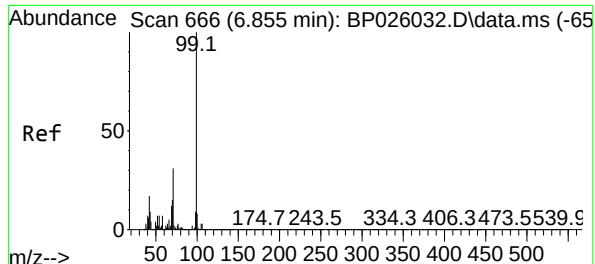
Reviewed By :Jagrut Upadhyay 11/19/2025
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#6
Aniline
Concen: 40.575 ng
RT: 7.008 min Scan# 692
Delta R.T. 0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

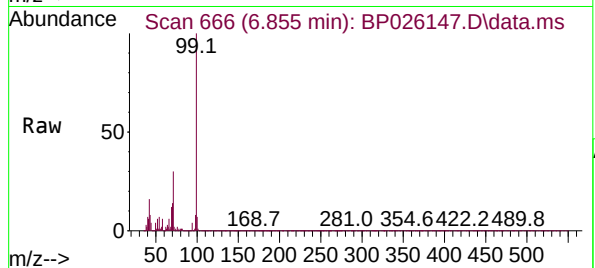
Tgt Ion: 93 Resp: 1431502
Ion Ratio Lower Upper
93 100
66 38.0 31.7 47.5
65 19.3 15.8 23.6





#7
Phenol-d6
Concen: 81.447 ng
RT: 6.855 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

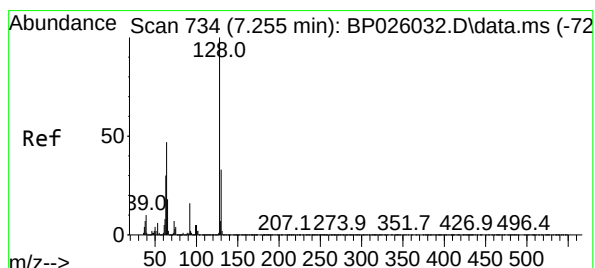
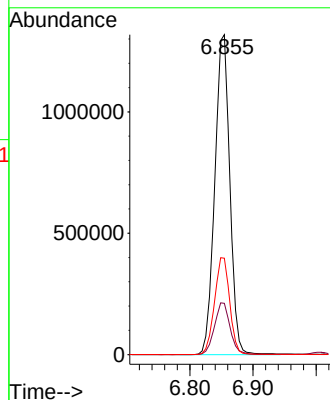
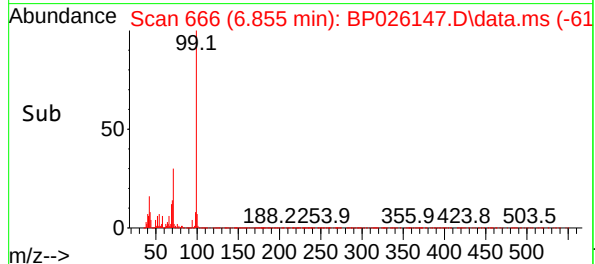
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



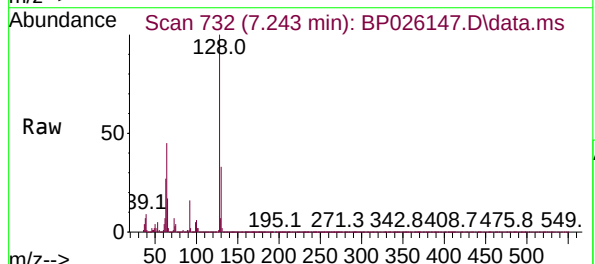
Tgt Ion: 99 Resp: 2181293
Ion Ratio Lower Upper
99 100
42 16.0 12.9 19.3
71 30.1 24.8 37.2

Manual Integrations
APPROVED

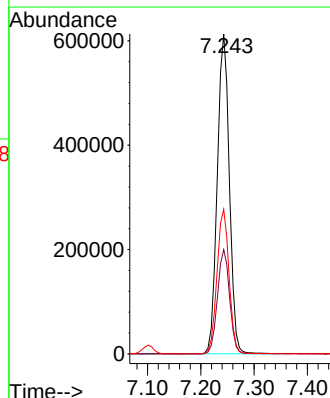
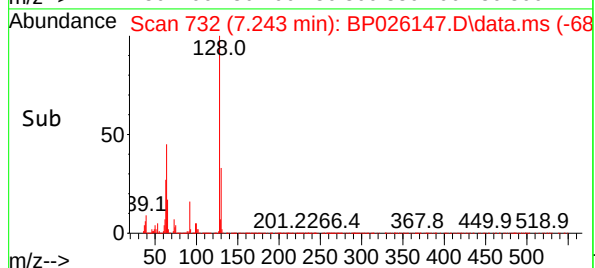
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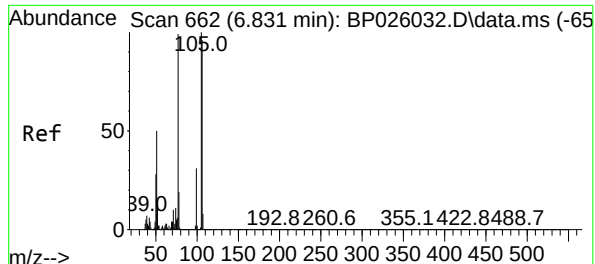


#8
2-Chlorophenol
Concen: 40.369 ng
RT: 7.243 min Scan# 732
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57



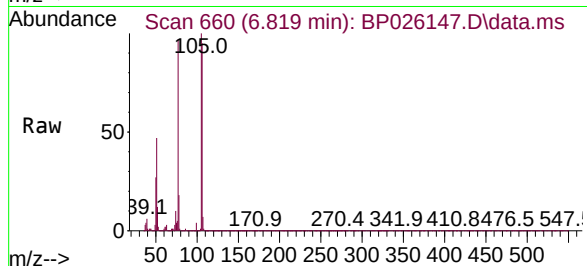
Tgt Ion:128 Resp: 964995
Ion Ratio Lower Upper
128 100
130 32.6 12.4 52.4
64 45.2 23.9 63.9





#9
Benzaldehyde
Concen: 53.939 ng
RT: 6.819 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

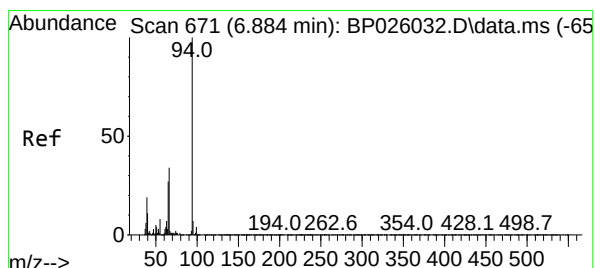
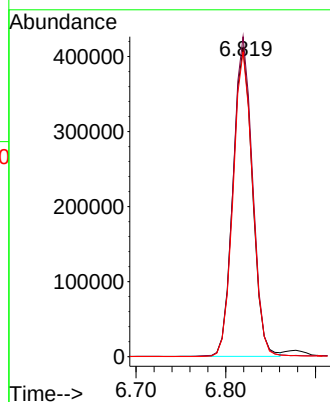
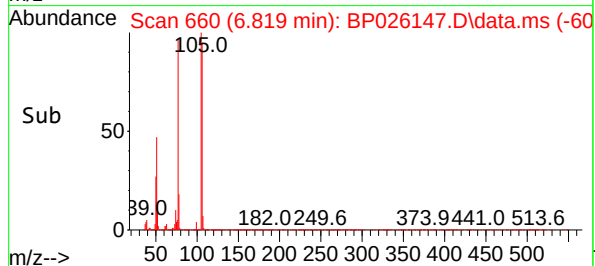
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion: 77 Resp: 622134
Ion Ratio Lower Upper
77 100
105 103.6 82.9 122.9
106 98.6 77.8 117.8

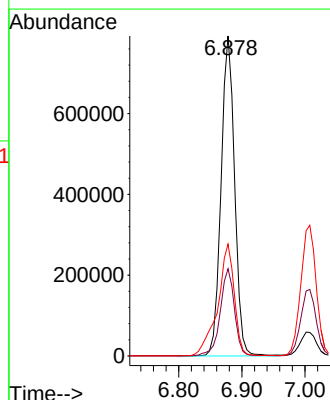
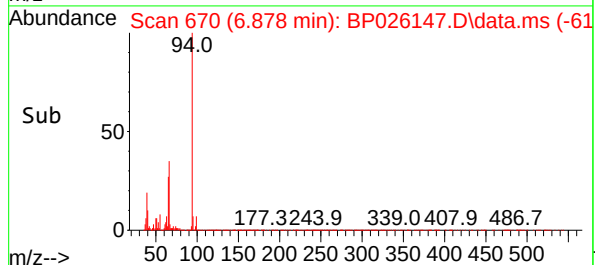
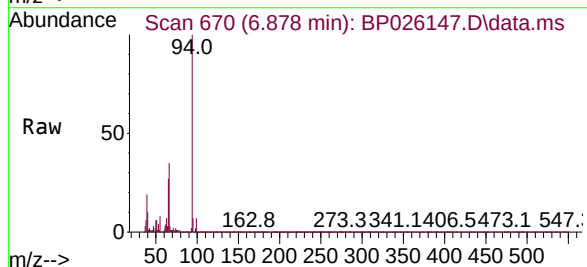
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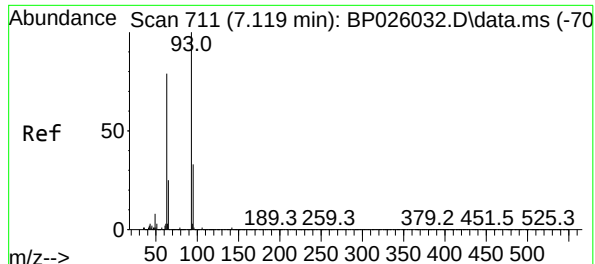
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#10
Phenol
Concen: 40.869 ng
RT: 6.878 min Scan# 670
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion: 94 Resp: 1177853
Ion Ratio Lower Upper
94 100
65 27.2 7.0 47.0
66 34.9 14.5 54.5





#11

bis(2-Chloroethyl)ether

Concen: 40.811 ng

RT: 7.102 min Scan# 70

Delta R.T. 0.006 min

Lab File: BP026147.D

Acq: 18 Nov 2025 17:57

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion: 93 Resp: 917778

Ion Ratio Lower Upper

93 100

63 78.0 58.8 98.8

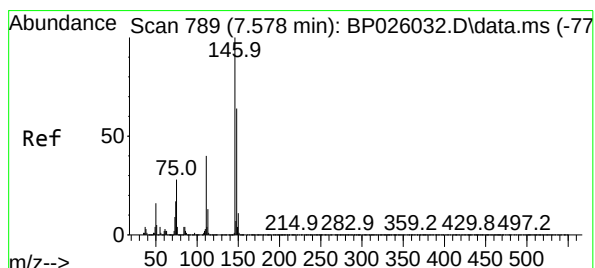
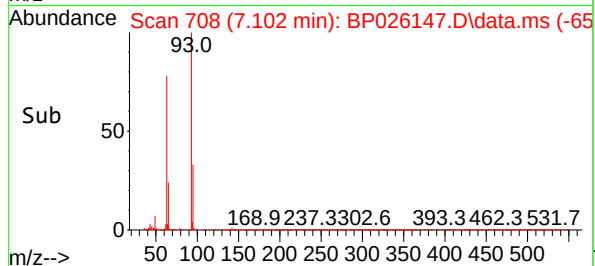
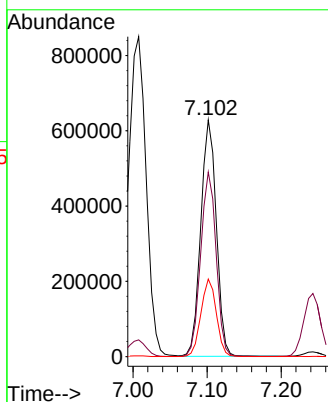
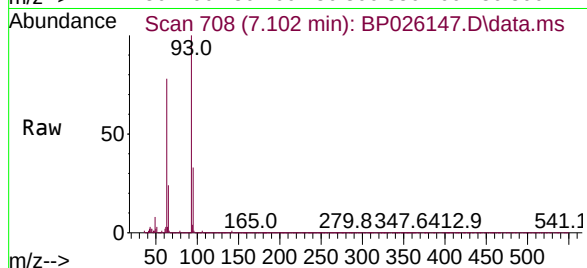
95 32.8 12.1 52.1

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#12

1,3-Dichlorobenzene

Concen: 39.968 ng

RT: 7.560 min Scan# 786

Delta R.T. -0.006 min

Lab File: BP026147.D

Acq: 18 Nov 2025 17:57

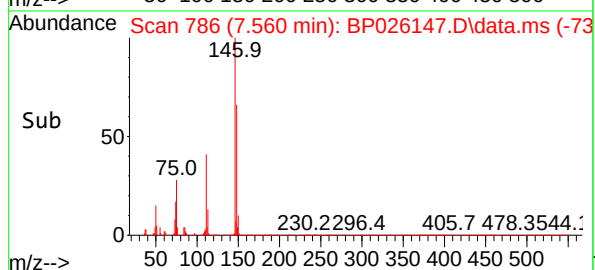
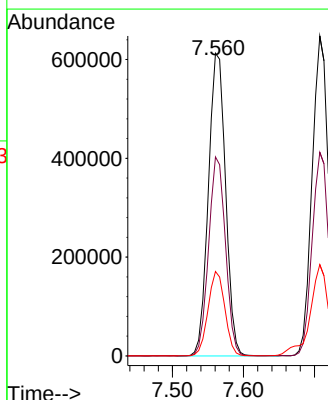
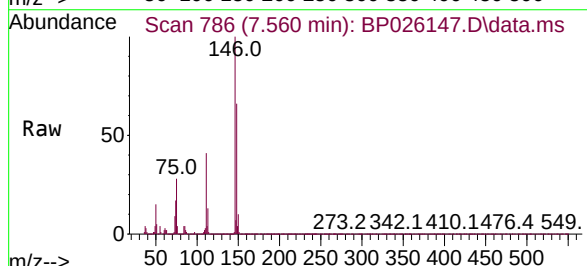
Tgt Ion:146 Resp: 1028799

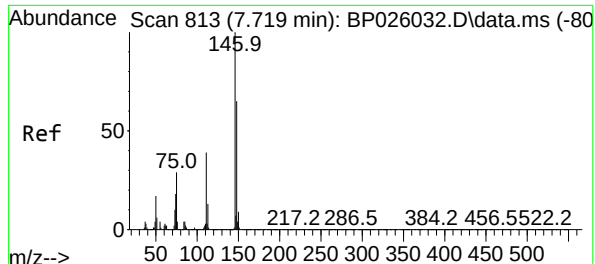
Ion Ratio Lower Upper

146 100

148 65.7 51.8 77.8

75 27.9 22.2 33.2





#13

1,4-Dichlorobenzene

Concen: 40.071 ng

RT: 7.708 min Scan# 81

Delta R.T. 0.006 min

Lab File: BP026147.D

Acq: 18 Nov 2025 17:57

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:146 Resp: 1038752

Ion Ratio Lower Upper

146 100

148 63.6 51.4 77.2

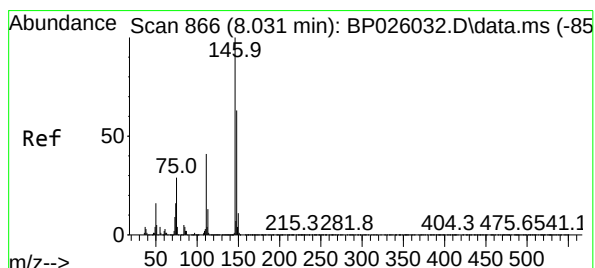
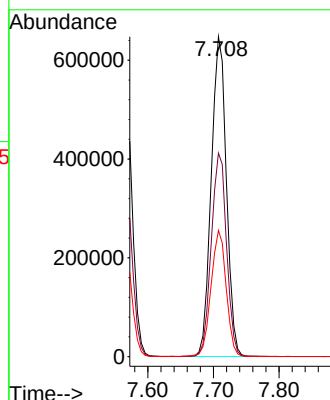
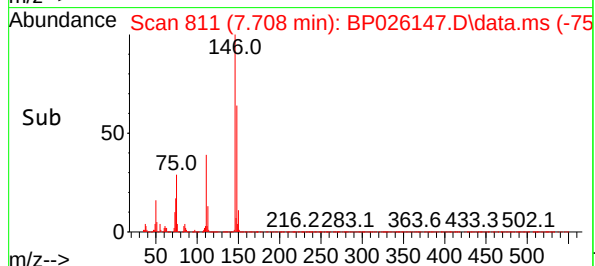
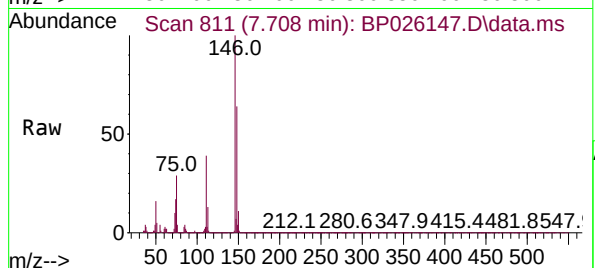
111 39.4 31.7 47.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#14

1,2-Dichlorobenzene

Concen: 39.996 ng

RT: 8.019 min Scan# 864

Delta R.T. 0.006 min

Lab File: BP026147.D

Acq: 18 Nov 2025 17:57

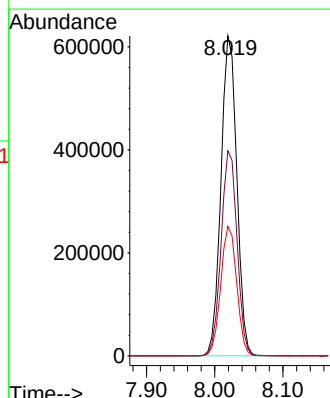
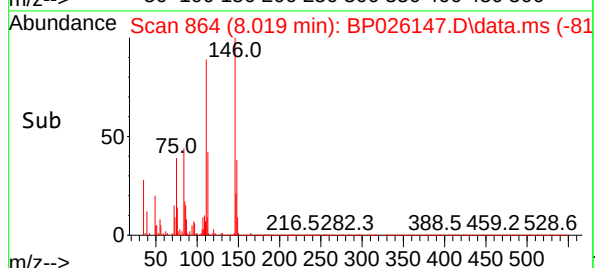
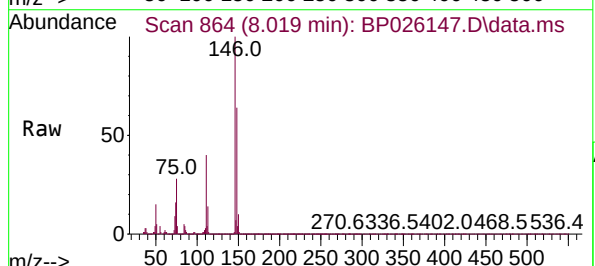
Tgt Ion:146 Resp: 997382

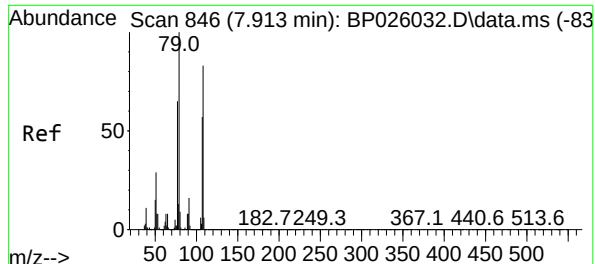
Ion Ratio Lower Upper

146 100

148 64.1 51.0 76.6

111 40.5 33.0 49.4





#15

Benzyl Alcohol

Concen: 40.874 ng

RT: 7.908 min Scan# 84

Delta R.T. 0.000 min

Lab File: BP026147.D

Acq: 18 Nov 2025 17:57

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion: 79 Resp: 800974

Ion Ratio Lower Upper

79 100

108 83.6 66.2 99.4

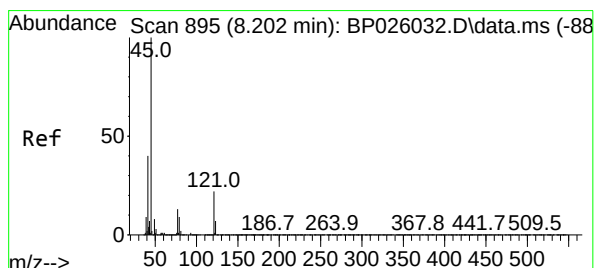
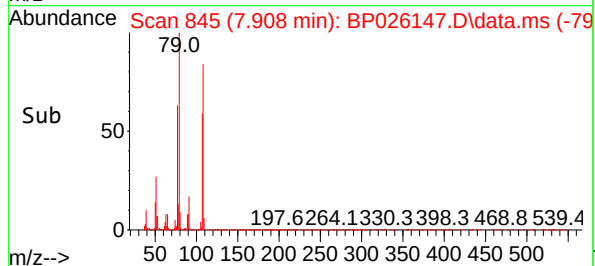
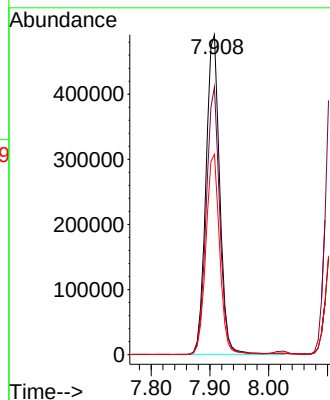
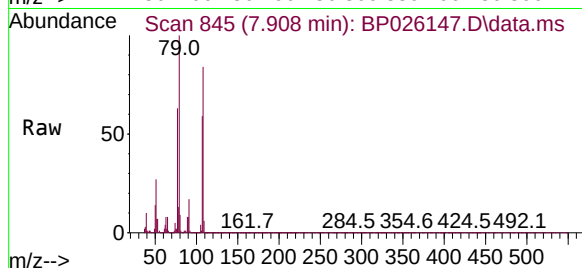
77 62.6 50.0 75.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.615 ng

RT: 8.196 min Scan# 894

Delta R.T. 0.000 min

Lab File: BP026147.D

Acq: 18 Nov 2025 17:57

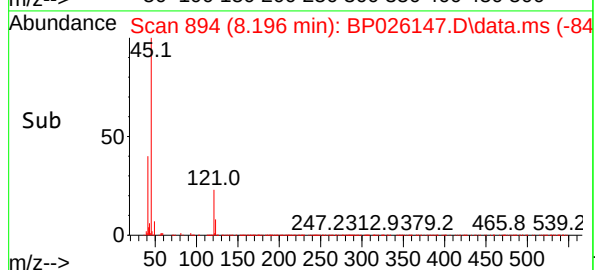
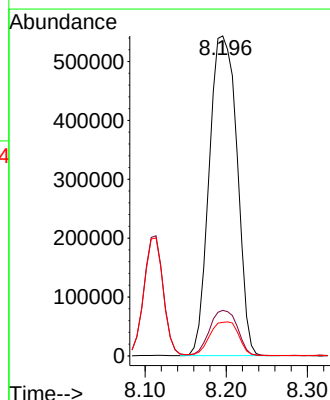
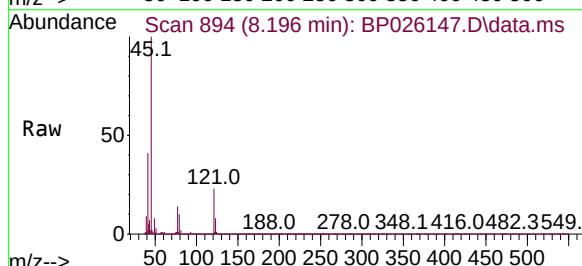
Tgt Ion: 45 Resp: 1291371

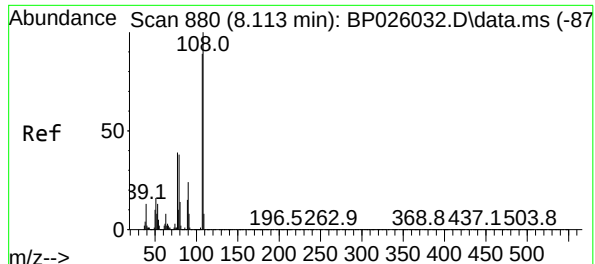
Ion Ratio Lower Upper

45 100

77 14.2 0.0 33.9

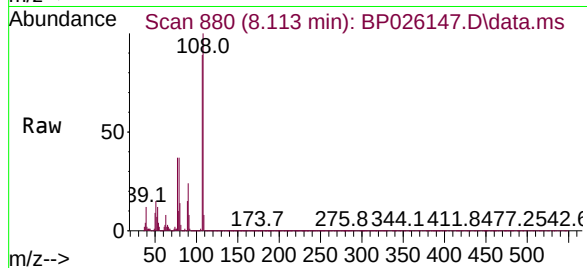
79 10.5 0.0 30.4





#17
2-Methylphenol
Concen: 41.076 ng
RT: 8.113 min Scan# 880
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

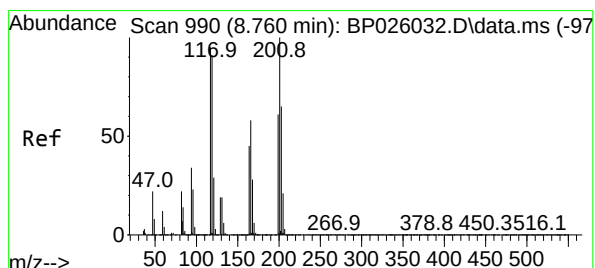
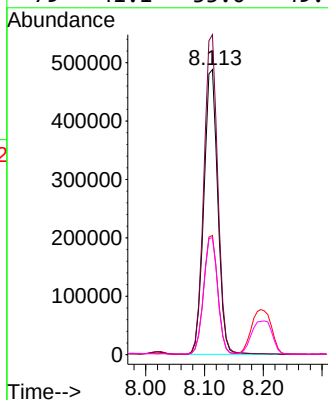
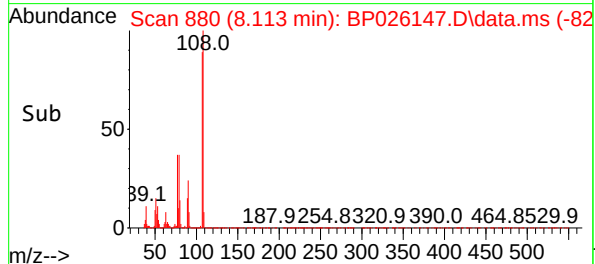
Instrument :
BNA_P
Client Sample Id :
SSTDICCC040



Tgt Ion:107 Resp: 806245
Ion Ratio Lower Upper
107 100
108 112.2 89.7 134.5
77 41.8 33.9 50.9
79 41.1 33.0 49.4

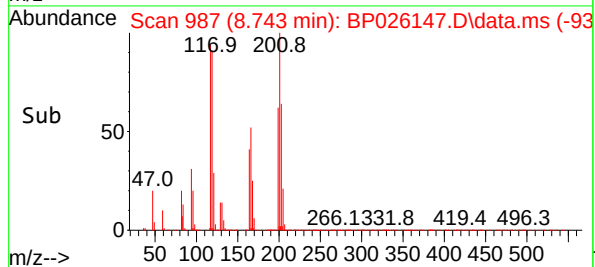
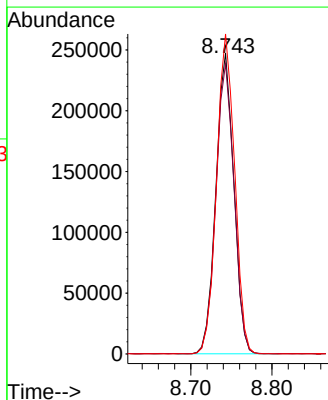
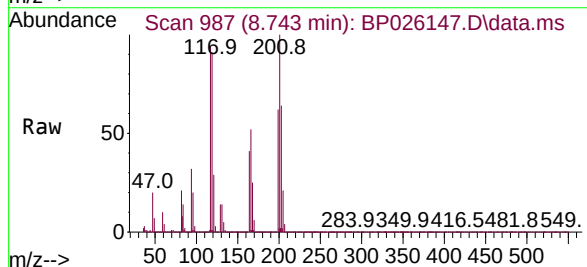
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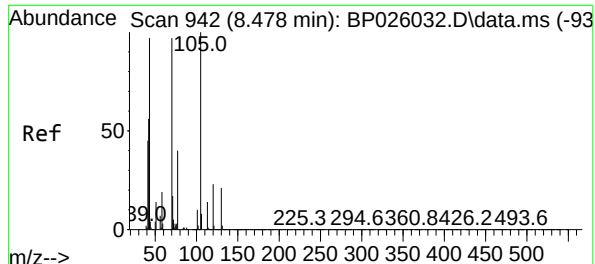
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#18
Hexachloroethane
Concen: 40.305 ng
RT: 8.743 min Scan# 987
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:117 Resp: 380794
Ion Ratio Lower Upper
117 100
119 96.4 78.7 118.1
201 106.4 85.1 127.7





#19

n-Nitroso-di-n-propylamine

Concen: 41.414 ng

RT: 8.472 min Scan# 94

Delta R.T. 0.000 min

Lab File: BP026147.D

Acq: 18 Nov 2025 17:57

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 69071

Ion Ratio Lower Upper

70 100

42 56.6 44.1 66.1

101 10.8 8.2 12.4

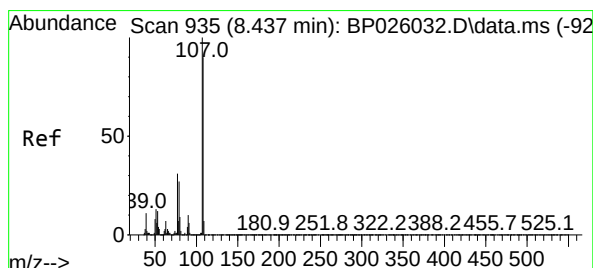
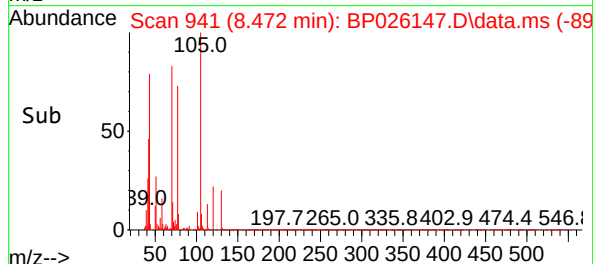
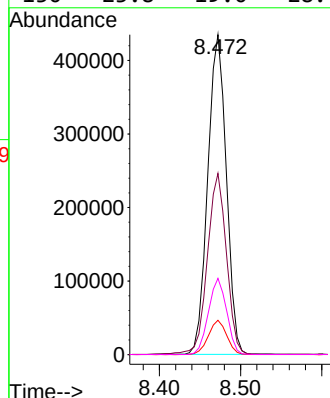
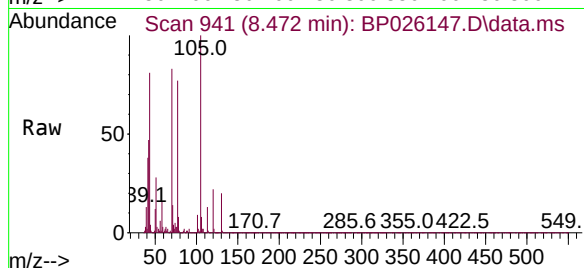
130 23.8 19.0 28.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#20

3+4-Methylphenols

Concen: 40.127 ng

RT: 8.437 min Scan# 935

Delta R.T. 0.000 min

Lab File: BP026147.D

Acq: 18 Nov 2025 17:57

Tgt Ion:107 Resp: 1095272

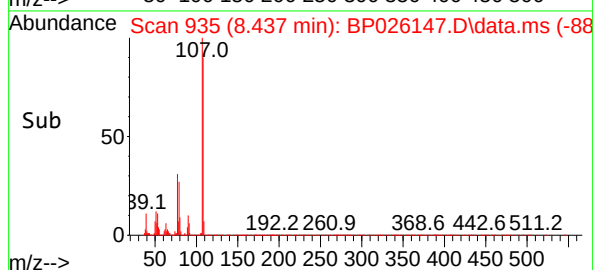
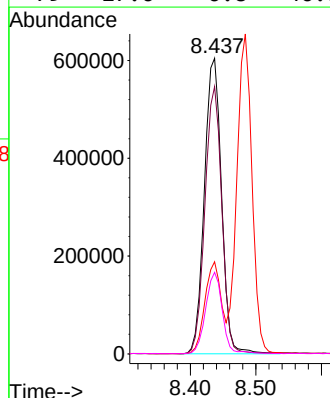
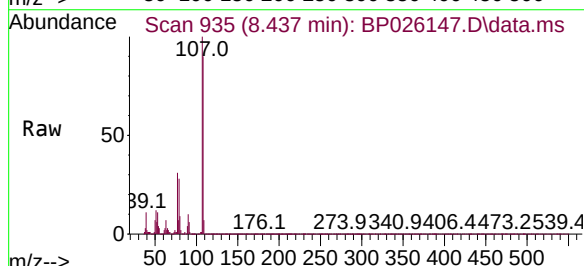
Ion Ratio Lower Upper

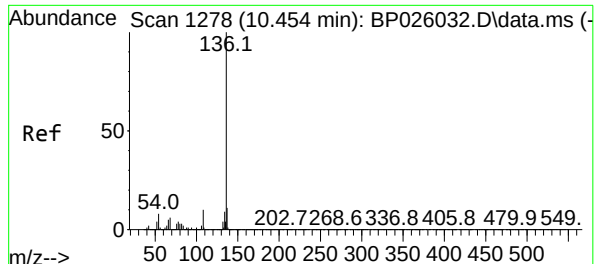
107 100

108 90.4 68.9 108.9

77 31.1 10.4 50.4

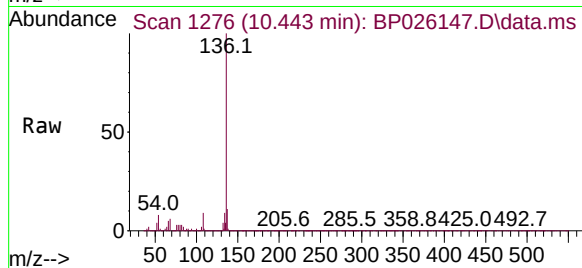
79 27.6 6.8 46.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.443 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

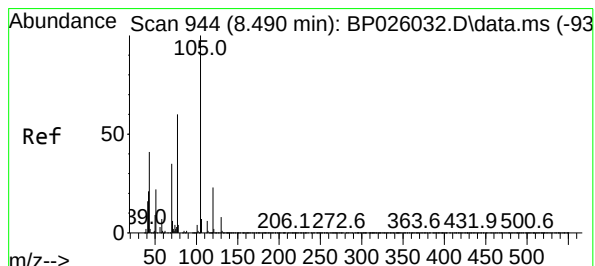
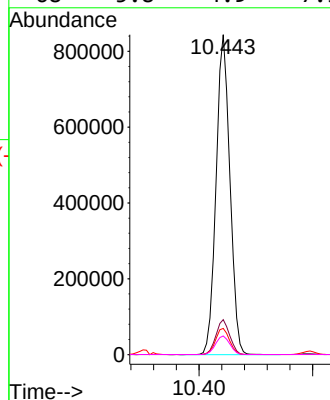
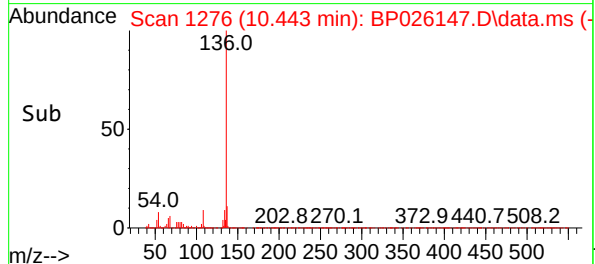
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:136 Resp: 142093
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 8.2 6.4 9.6
68 5.8 4.9 7.3

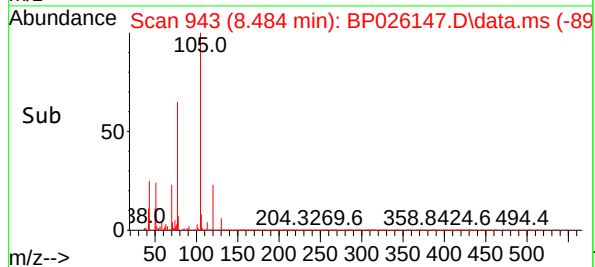
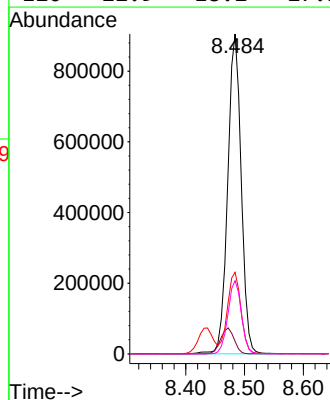
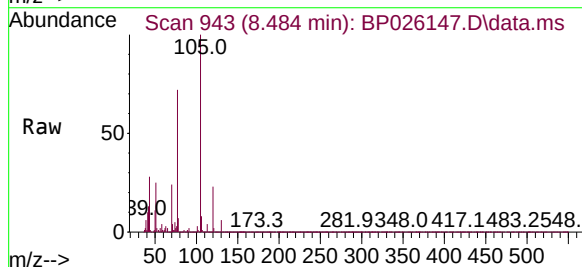
Manual Integrations
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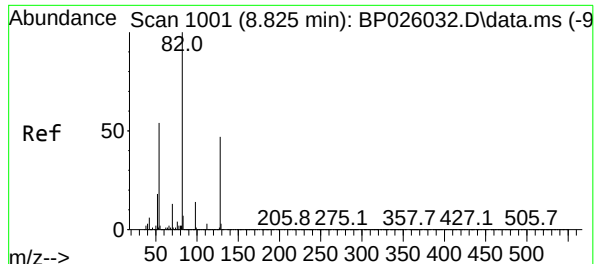
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#22
Acetophenone
Concen: 39.828 ng
RT: 8.484 min Scan# 943
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:105 Resp: 1439776
Ion Ratio Lower Upper
105 100
71 3.9 3.0 4.4
51 25.5 20.5 30.7
120 22.9 18.2 27.2





#23

Nitrobenzene-d5

Concen: 80.578 ng

RT: 8.813 min Scan# 99

Delta R.T. 0.000 min

Lab File: BP026147.D

Acq: 18 Nov 2025 17:57

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion: 82 Resp: 201889

Ion Ratio Lower Upper

82 100

128 48.4 37.4 56.0

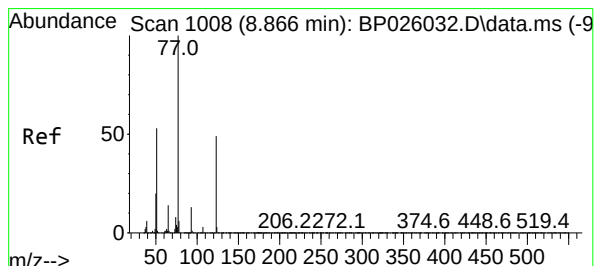
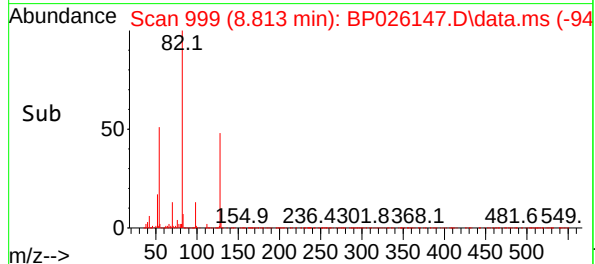
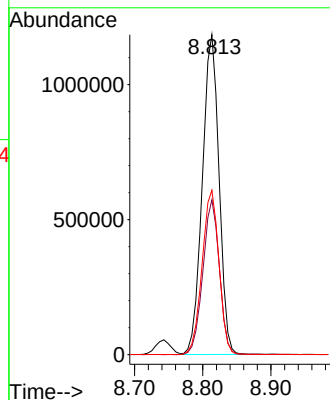
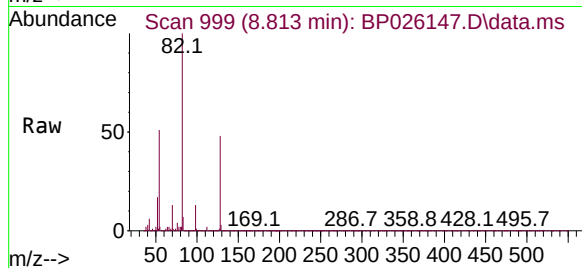
54 51.4 41.6 62.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#24

Nitrobenzene

Concen: 40.240 ng

RT: 8.855 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BP026147.D

Acq: 18 Nov 2025 17:57

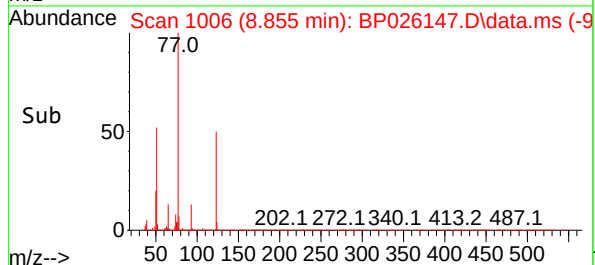
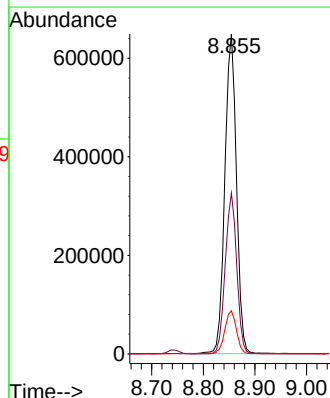
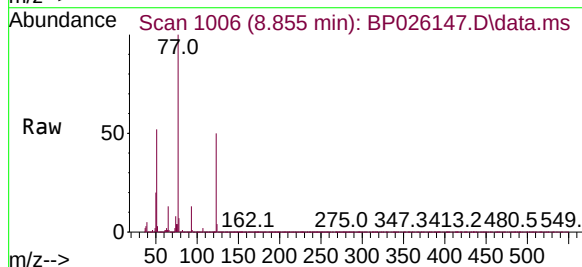
Tgt Ion: 77 Resp: 1020382

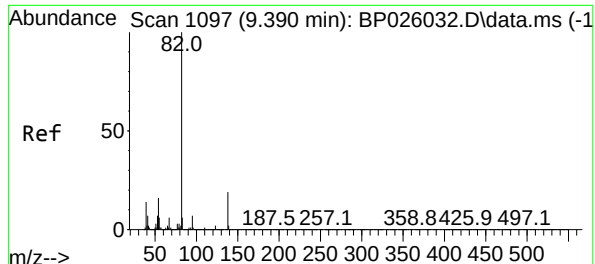
Ion Ratio Lower Upper

77 100

123 50.3 39.8 59.8

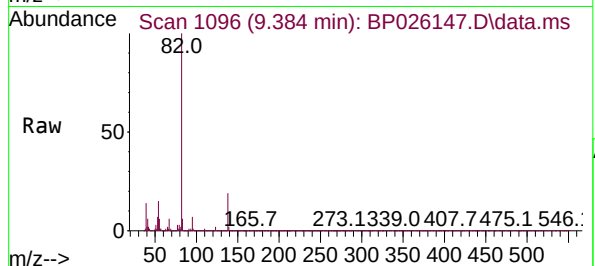
65 13.5 11.2 16.8





#25
Isophorone
Concen: 40.551 ng
RT: 9.384 min Scan# 1096
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

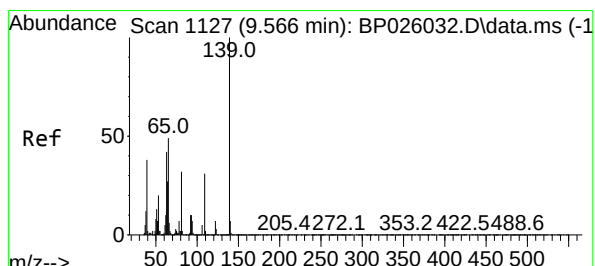
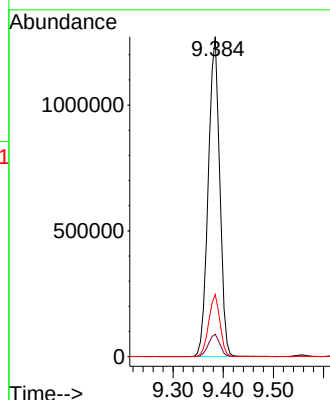
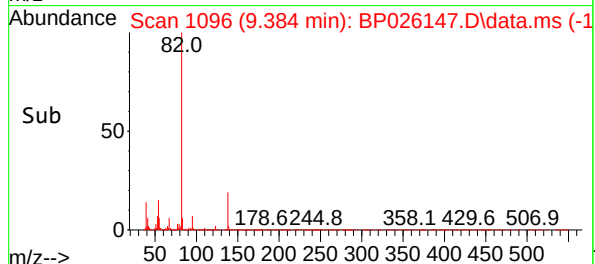
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion: 82 Resp: 2017328
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.0
138 19.4 15.4 23.0

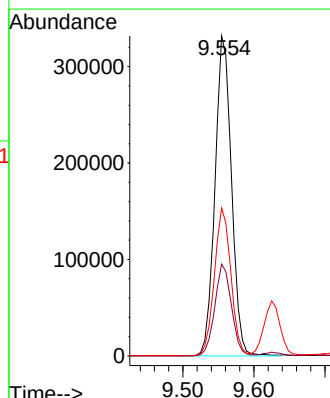
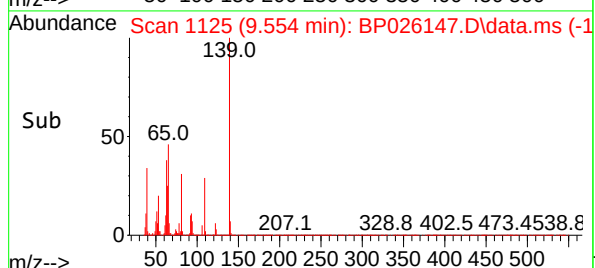
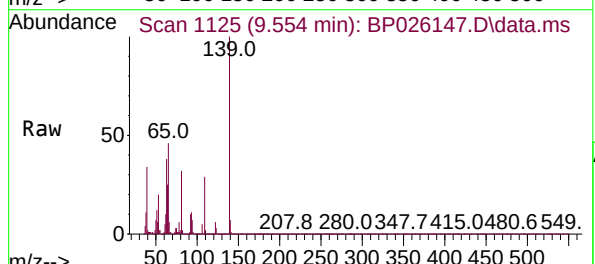
Manual Integrations
APPROVED

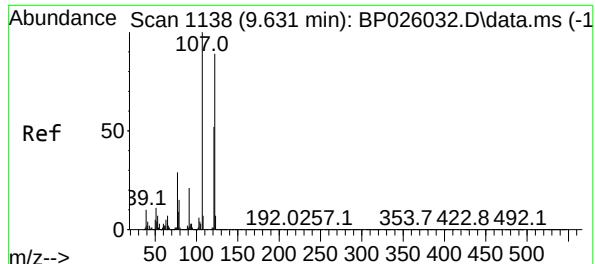
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#26
2-Nitrophenol
Concen: 42.012 ng
RT: 9.554 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

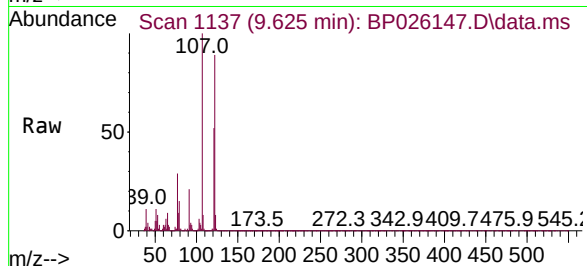
Tgt Ion:139 Resp: 537109
Ion Ratio Lower Upper
139 100
109 28.7 22.3 33.5
65 46.2 37.2 55.8





#27
2,4-Dimethylphenol
Concen: 40.271 ng
RT: 9.625 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

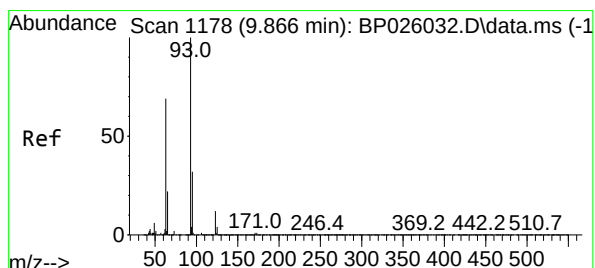
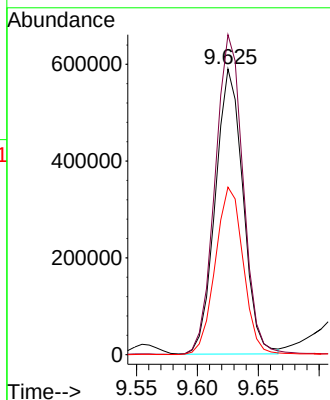
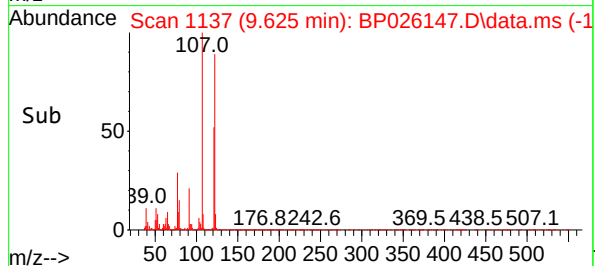
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion: 122 Resp: 932722
Ion Ratio Lower Upper
122 100
107 112.0 91.0 136.6
121 58.6 47.0 70.6

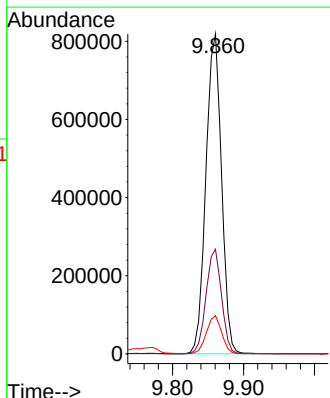
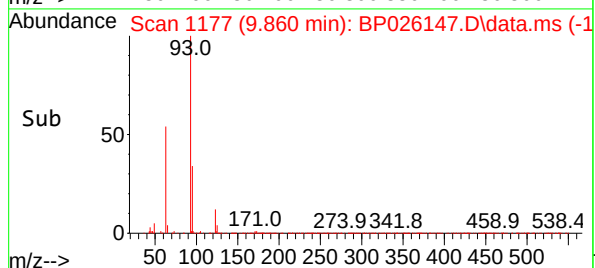
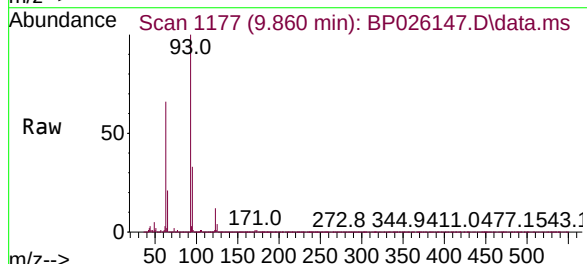
Manual Integrations
APPROVED

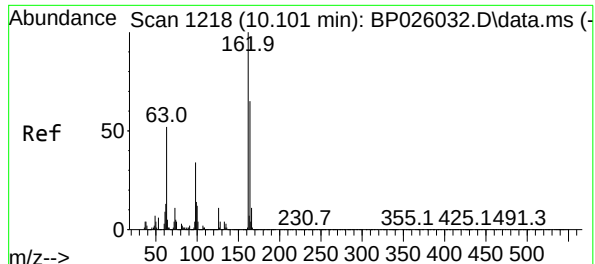
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#28
bis(2-Chloroethoxy)methane
Concen: 40.045 ng
RT: 9.860 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion: 93 Resp: 1247327
Ion Ratio Lower Upper
93 100
95 32.7 26.4 39.6
123 12.0 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 40.740 ng

RT: 10.096 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BP026147.D

Acq: 18 Nov 2025 17:57

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:162 Resp: 940122

Ion Ratio Lower Upper

162 100

164 64.2 43.8 83.8

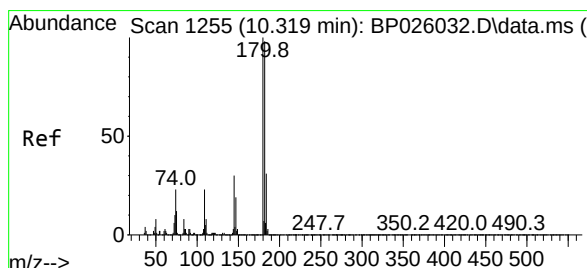
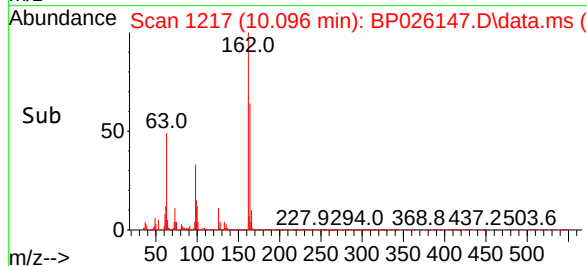
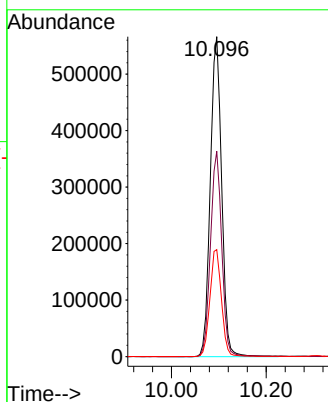
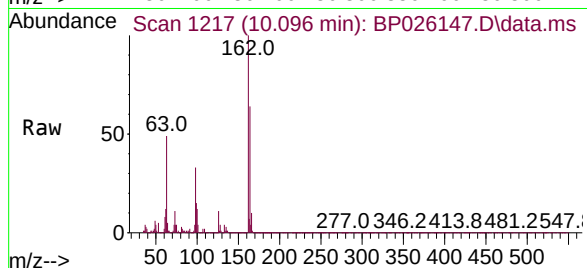
98 33.4 14.1 54.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#30

1,2,4-Trichlorobenzene

Concen: 39.912 ng

RT: 10.307 min Scan# 1253

Delta R.T. 0.000 min

Lab File: BP026147.D

Acq: 18 Nov 2025 17:57

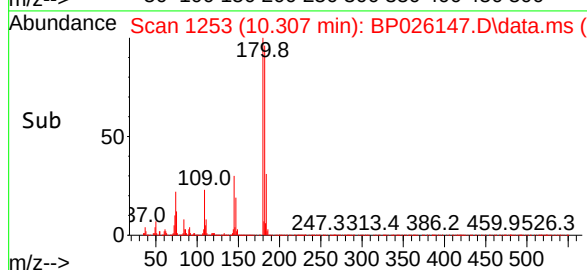
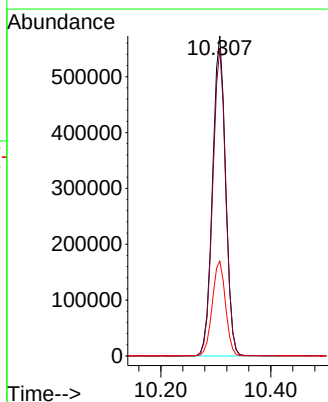
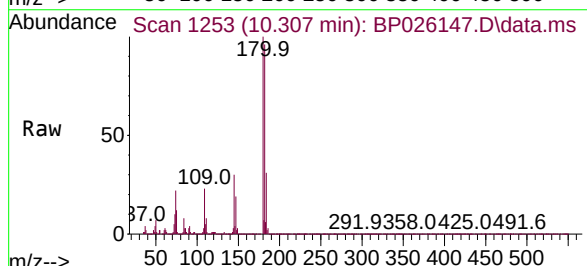
Tgt Ion:180 Resp: 938571

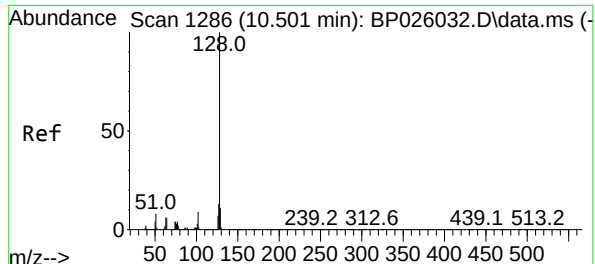
Ion Ratio Lower Upper

180 100

182 96.2 78.1 117.1

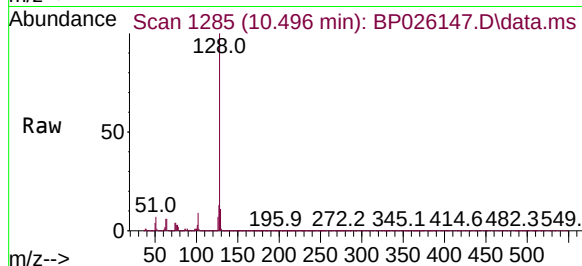
145 29.6 24.2 36.4





#31
Naphthalene
Concen: 39.513 ng
RT: 10.496 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

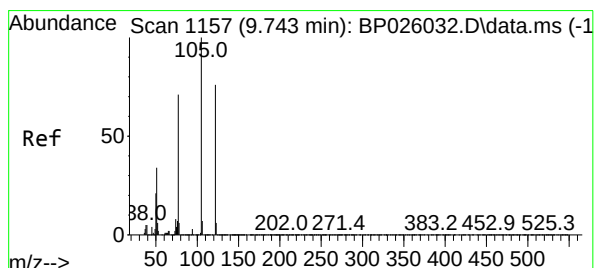
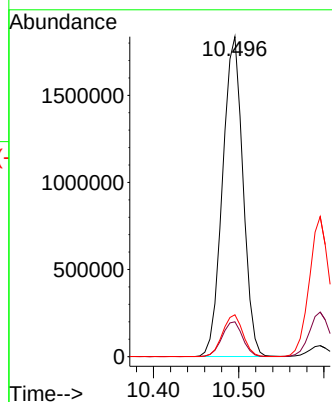
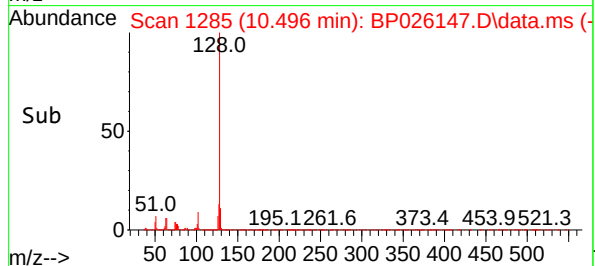
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:128 Resp: 304867
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.1 10.2 15.4

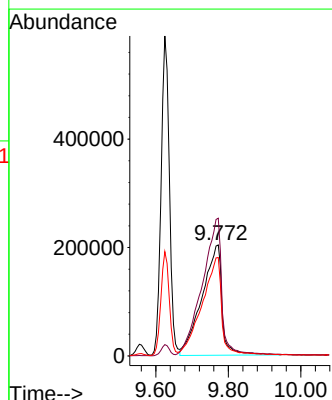
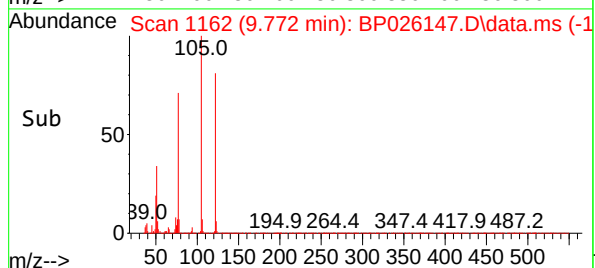
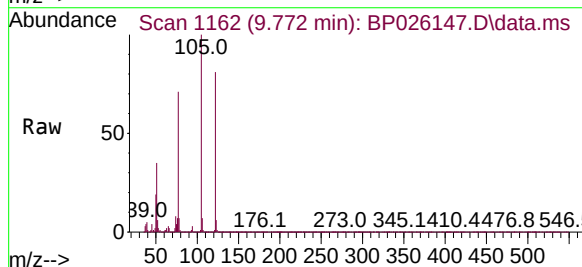
Manual Integrations
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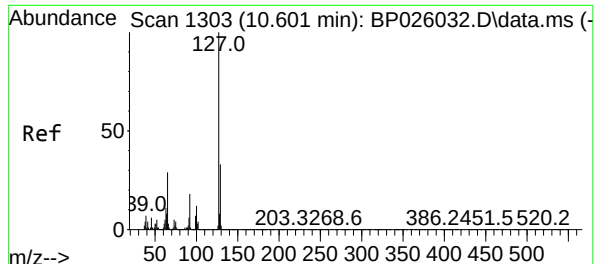
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#32
Benzoic acid
Concen: 42.116 ng
RT: 9.772 min Scan# 1162
Delta R.T. 0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

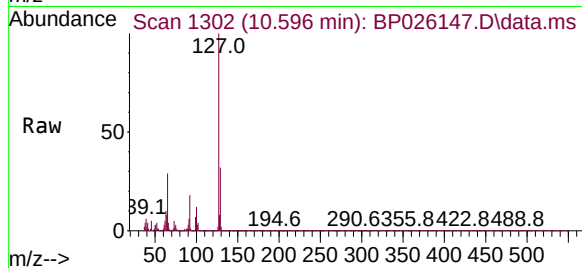
Tgt Ion:122 Resp: 784823
Ion Ratio Lower Upper
122 100
105 124.0 100.1 140.1
77 88.5 66.7 106.7





#33
4-Chloroaniline
Concen: 40.923 ng
RT: 10.596 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

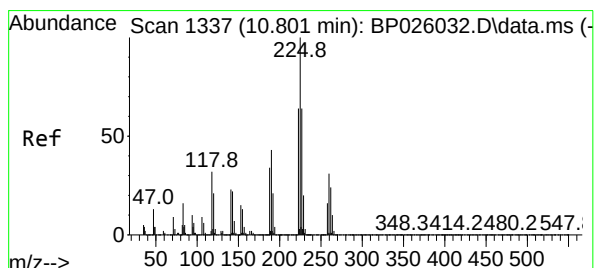
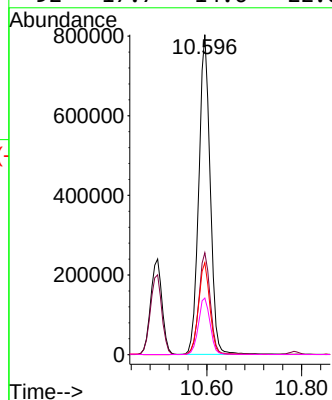
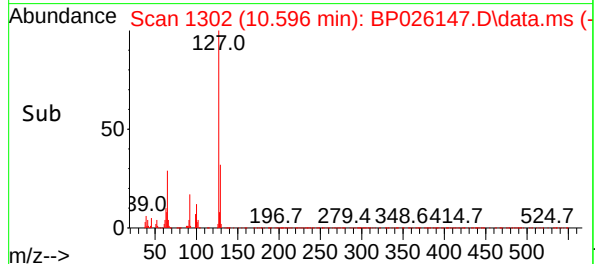
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:127 Resp: 1340270
Ion Ratio Lower Upper
127 100
129 31.8 25.8 38.8
65 28.7 22.7 34.1
92 17.7 14.6 22.0

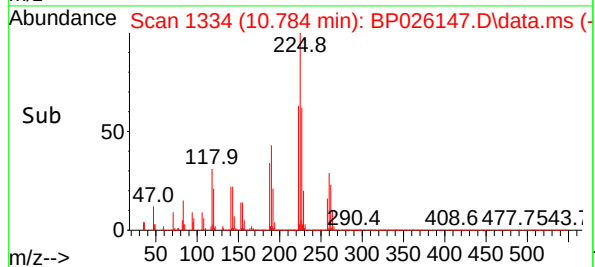
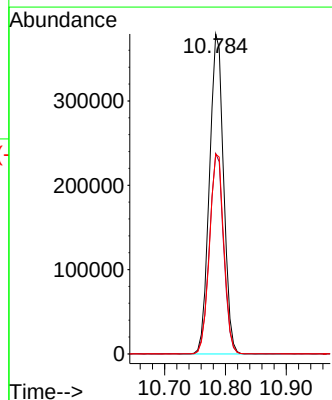
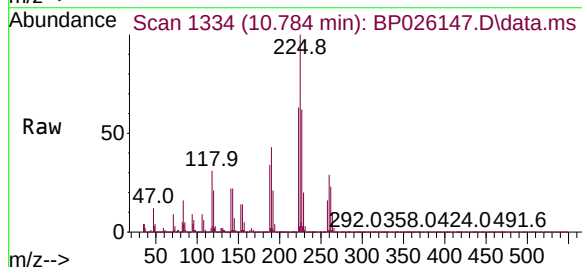
Manual Integrations
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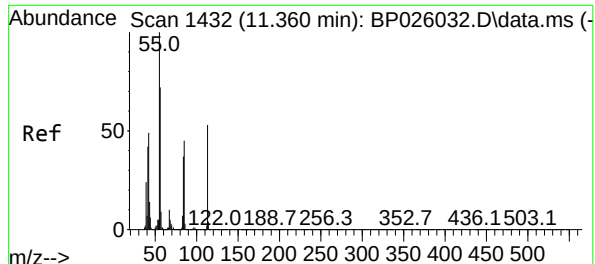
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#34
Hexachlorobutadiene
Concen: 39.893 ng
RT: 10.784 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

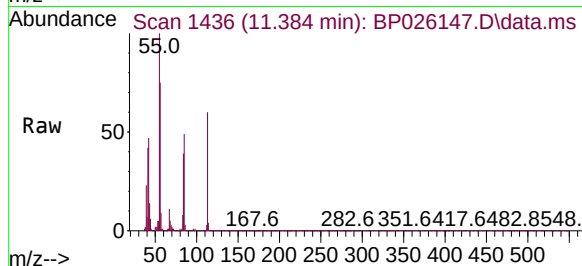
Tgt Ion:225 Resp: 610384
Ion Ratio Lower Upper
225 100
223 62.6 49.6 74.4
227 62.4 51.2 76.8





#35
Caprolactam
Concen: 40.168 ng
RT: 11.384 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

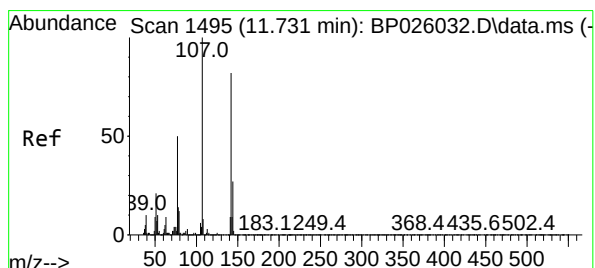
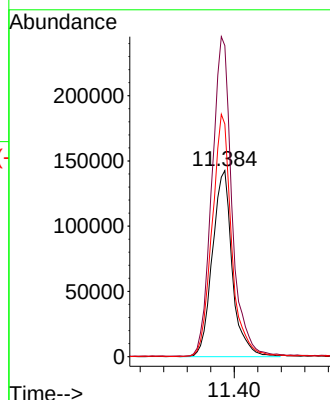
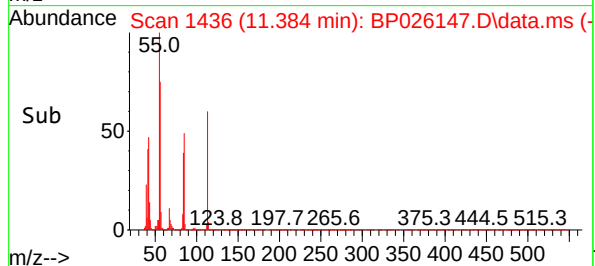
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:113 Resp: 333785
Ion Ratio Lower Upper
113 100
55 167.2 153.0 193.0
56 125.0 106.4 146.4

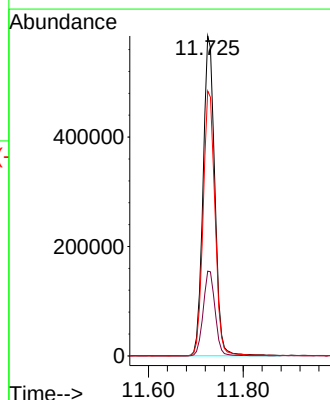
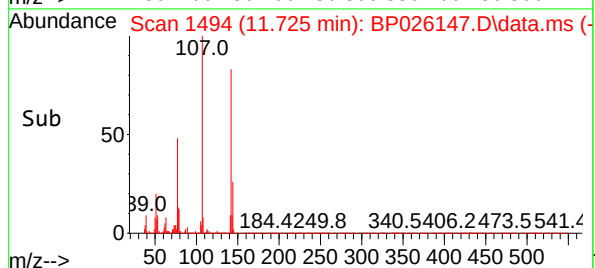
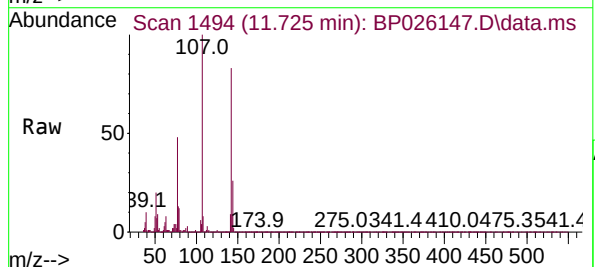
Manual Integrations
APPROVED

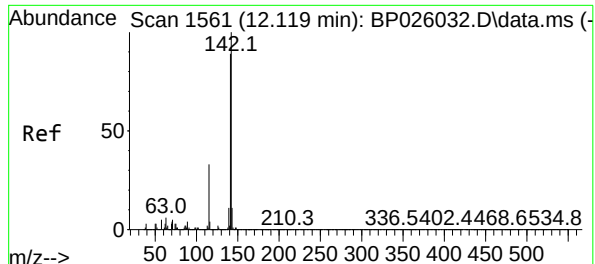
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#36
4-Chloro-3-methylphenol
Concen: 40.975 ng
RT: 11.725 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

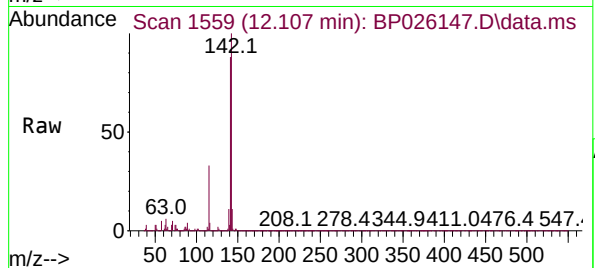
Tgt Ion:107 Resp: 1006010
Ion Ratio Lower Upper
107 100
144 26.5 21.6 32.4
142 82.8 65.6 98.4





#37
2-Methylnaphthalene
Concen: 40.223 ng
RT: 12.107 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

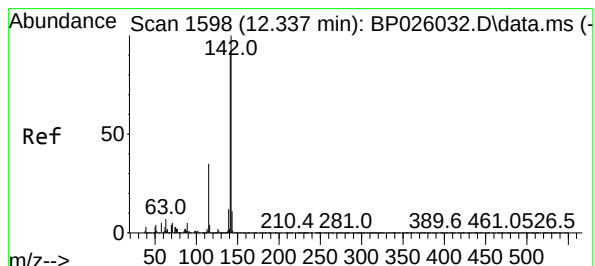
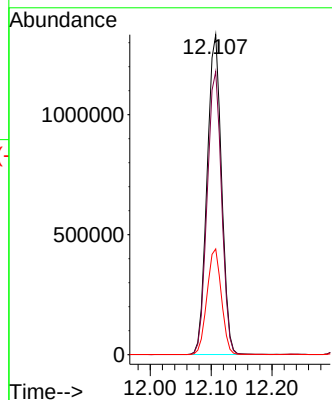
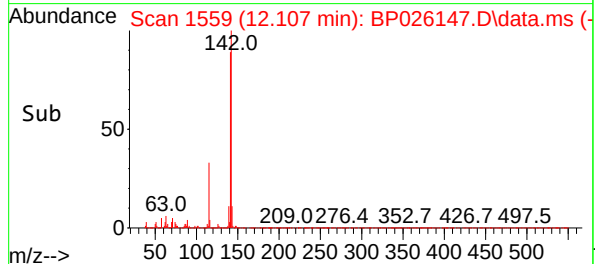
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



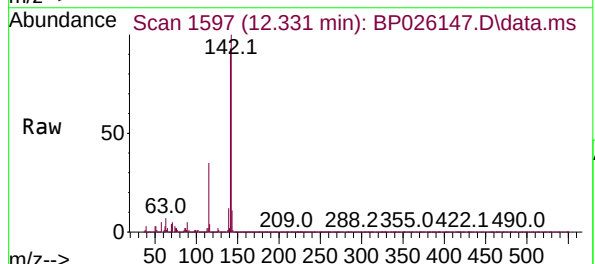
Tgt Ion:142 Resp: 219665
Ion Ratio Lower Upper
142 100
141 88.4 71.0 106.6
115 33.0 26.6 39.8

Manual Integrations
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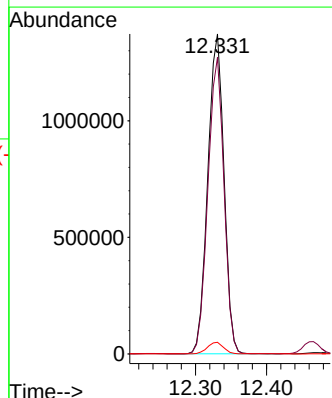
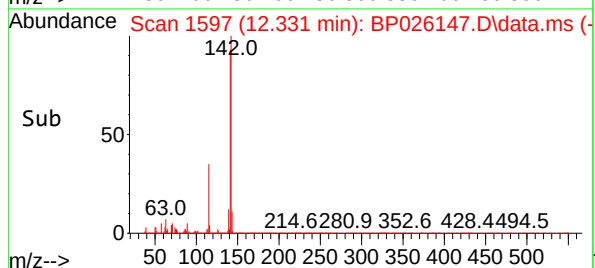
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

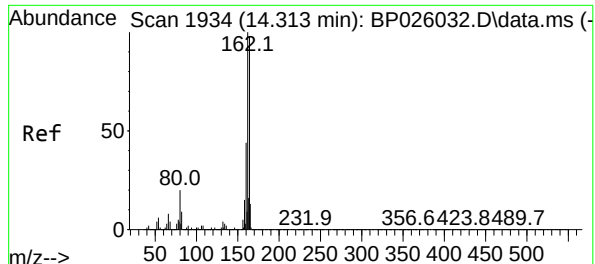


#38
1-Methylnaphthalene
Concen: 40.554 ng
RT: 12.331 min Scan# 1597
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57



Tgt Ion:142 Resp: 2167022
Ion Ratio Lower Upper
142 100
141 92.7 73.5 110.3
116 3.6 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.313 min Scan# 1934

Delta R.T. -0.012 min

Lab File: BP026147.D

Acq: 18 Nov 2025 17:57

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:164 Resp: 933300

Ion Ratio Lower Upper

164 100

162 100.7 80.3 120.5

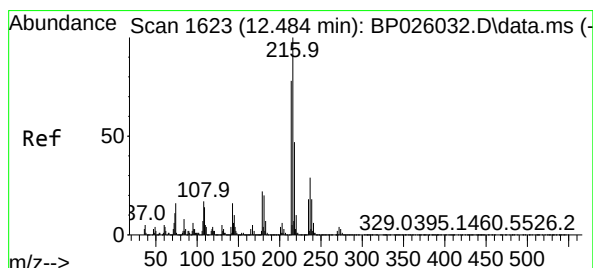
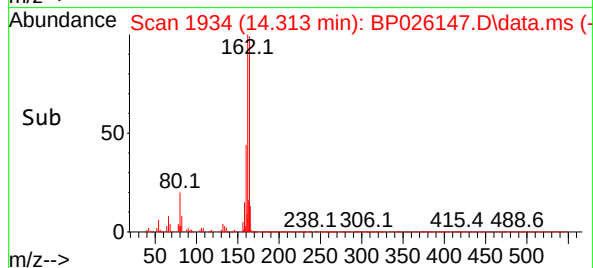
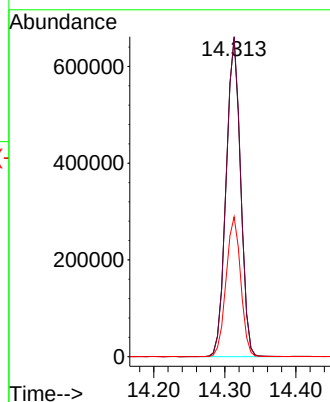
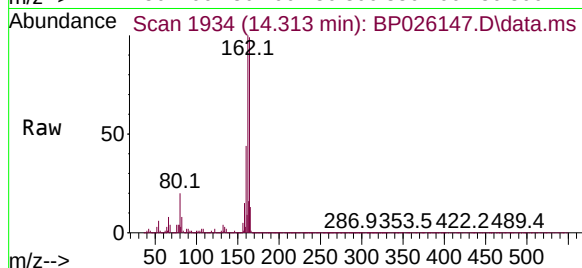
160 43.9 35.2 52.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.601 ng

RT: 12.478 min Scan# 1622

Delta R.T. -0.012 min

Lab File: BP026147.D

Acq: 18 Nov 2025 17:57

Tgt Ion:216 Resp: 1113781

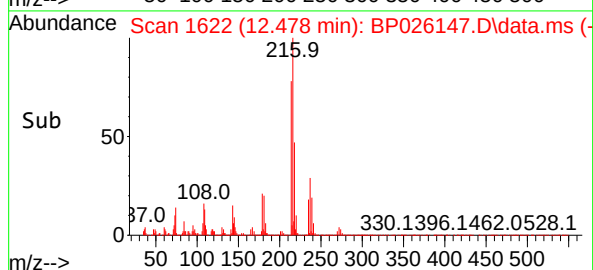
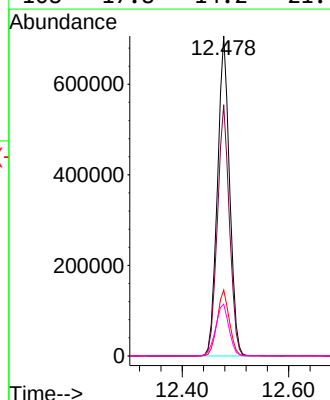
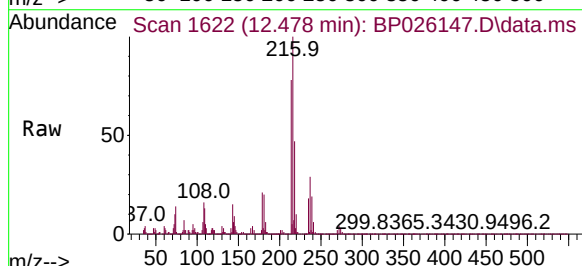
Ion Ratio Lower Upper

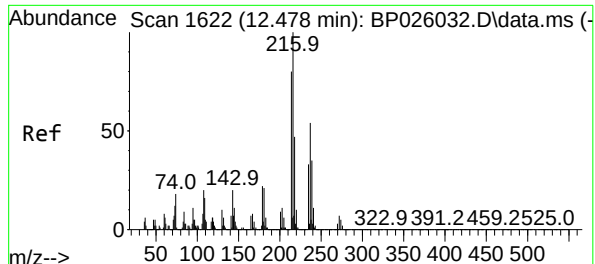
216 100

214 78.1 62.6 94.0

179 20.6 16.6 25.0

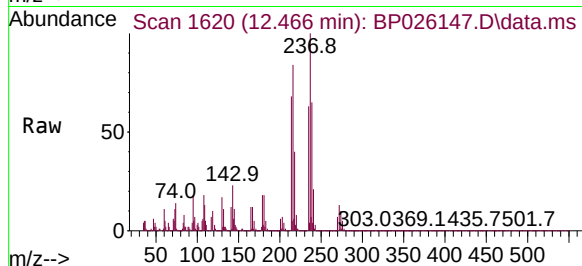
108 17.8 14.2 21.4





#41
Hexachlorocyclopentadiene
Concen: 40.264 ng
RT: 12.466 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

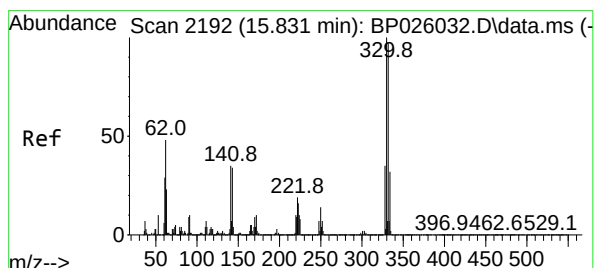
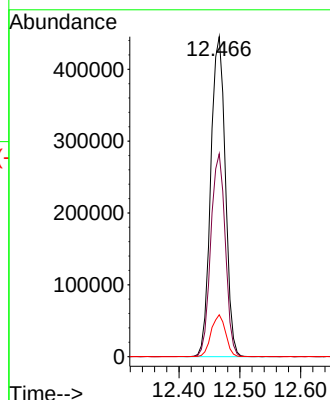
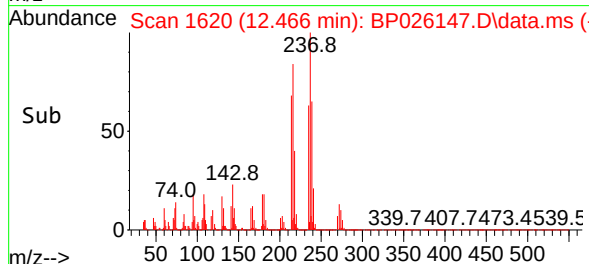
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion: 237 Resp: 739123
Ion Ratio Lower Upper
237 100
235 63.4 43.3 83.3
272 13.1 0.0 32.9

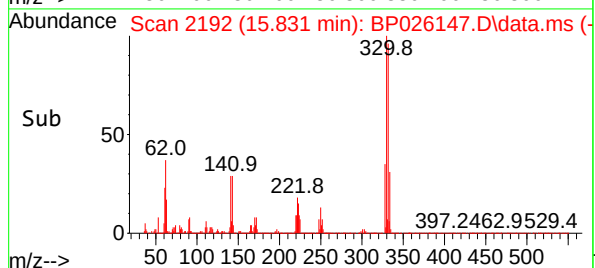
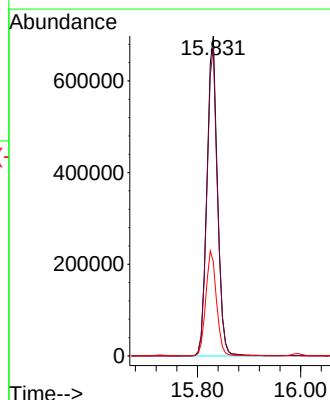
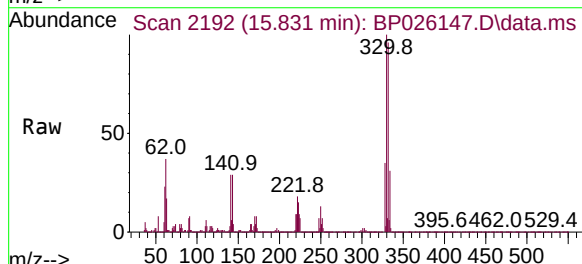
Manual Integrations
APPROVED

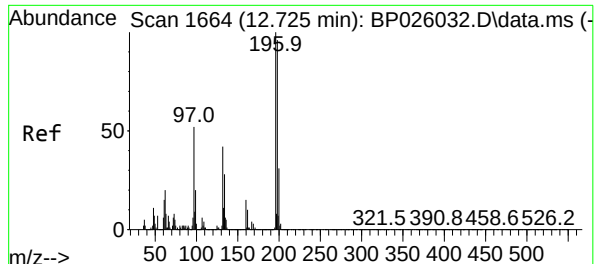
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#42
2,4,6-Tribromophenol
Concen: 81.498 ng
RT: 15.831 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

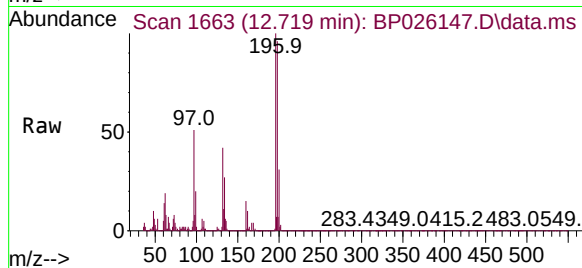
Tgt Ion: 330 Resp: 985641
Ion Ratio Lower Upper
330 100
332 96.6 78.0 117.0
141 33.5 26.8 40.2





#43
2,4,6-Trichlorophenol
Concen: 40.484 ng
RT: 12.719 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

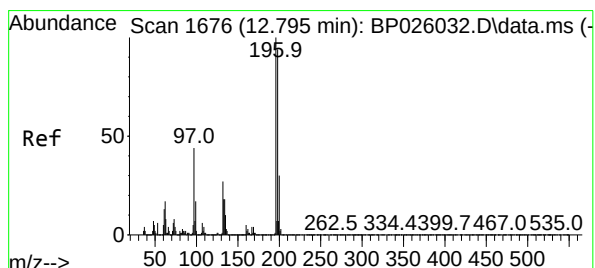
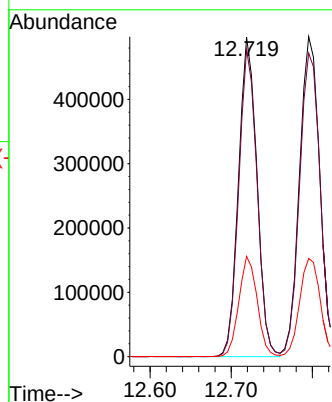
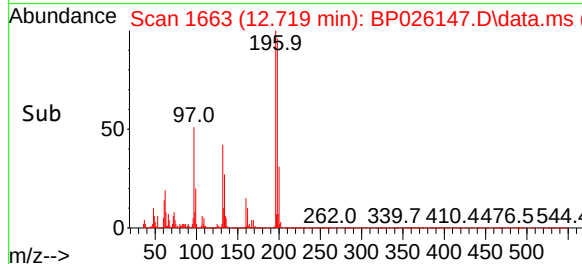
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:196 Resp: 783545
Ion Ratio Lower Upper
196 100
198 96.2 76.9 115.3
200 31.4 24.6 37.0

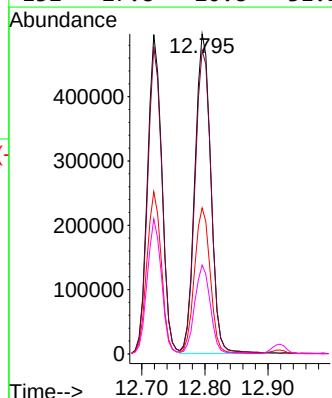
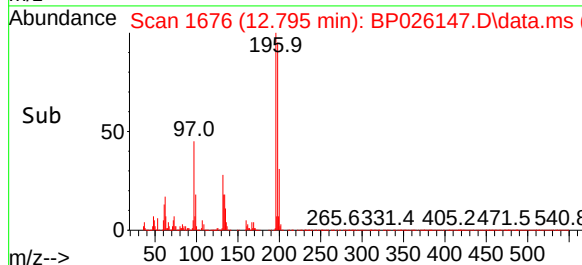
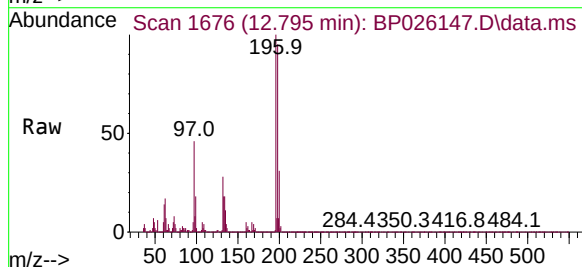
Manual Integrations
APPROVED

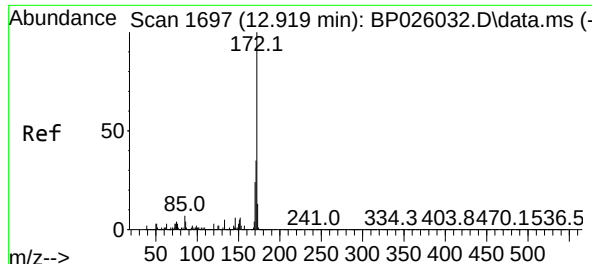
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#44
2,4,5-Trichlorophenol
Concen: 40.362 ng
RT: 12.795 min Scan# 1676
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

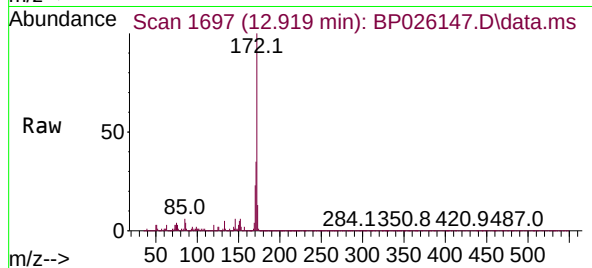
Tgt Ion:196 Resp: 871078
Ion Ratio Lower Upper
196 100
198 94.8 76.4 114.6
97 45.6 35.7 53.5
132 27.8 20.8 31.2





#45
2-Fluorobiphenyl
Concen: 78.020 ng
RT: 12.919 min Scan# 1697
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

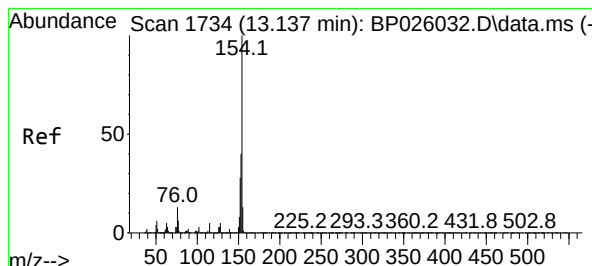
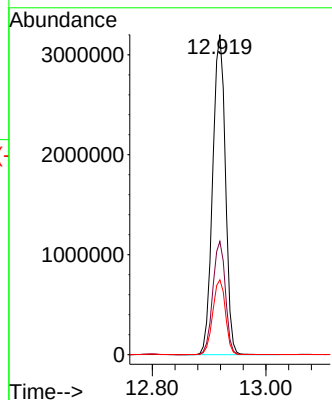
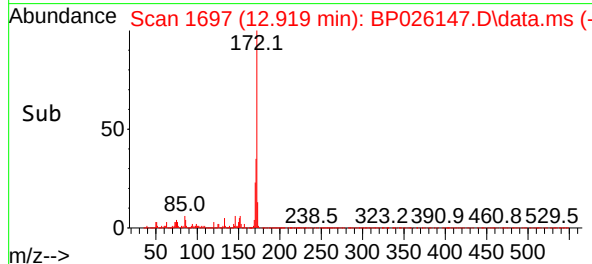
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:172 Resp: 4991155
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.4
170 23.4 18.7 28.1

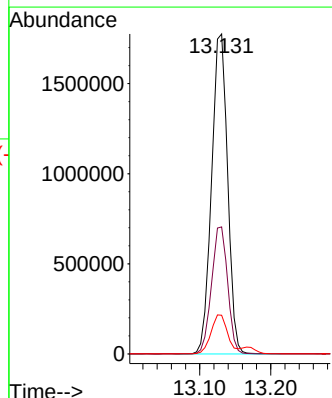
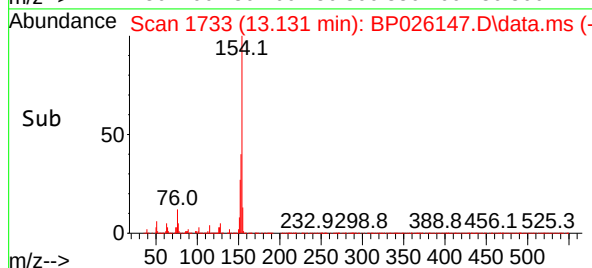
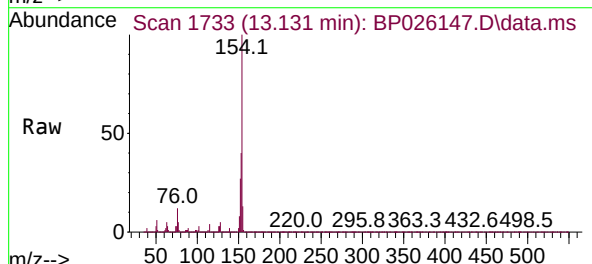
Manual Integrations
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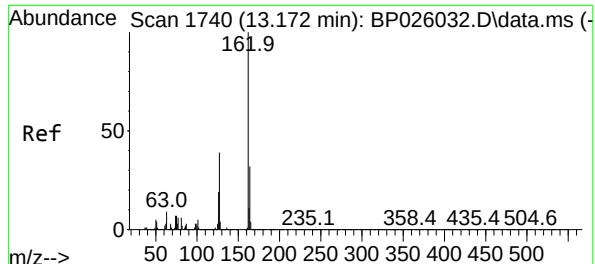
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#46
1,1'-Biphenyl
Concen: 39.689 ng
RT: 13.131 min Scan# 1733
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:154 Resp: 2780286
Ion Ratio Lower Upper
154 100
153 39.7 20.3 60.3
76 12.1 0.0 32.3





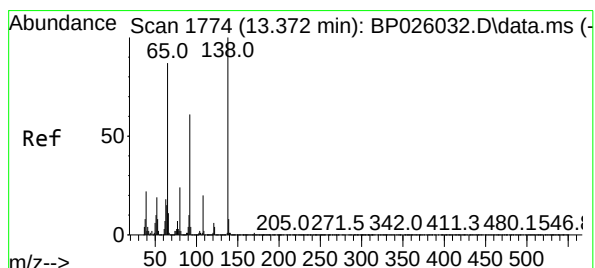
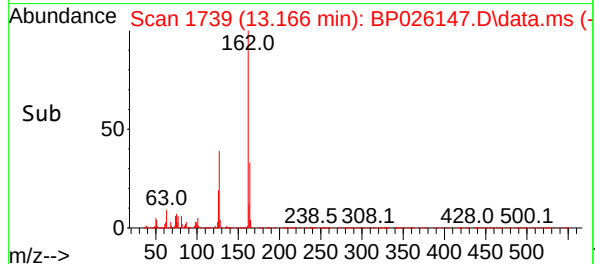
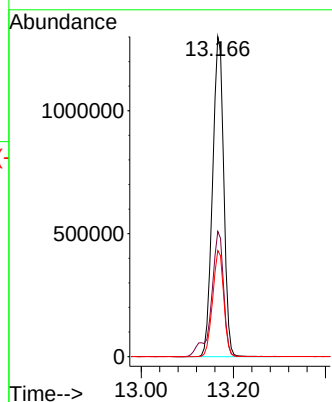
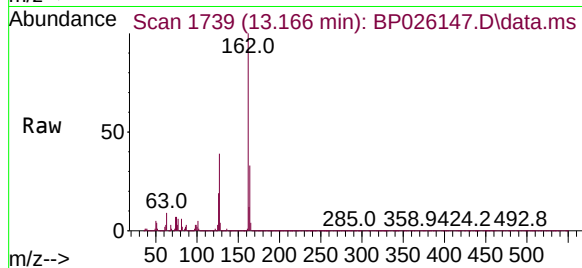
#47
2-Chloronaphthalene
Concen: 39.633 ng
RT: 13.166 min Scan# 1739
Delta R.T. -0.018 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:162 Resp: 2182735
Ion Ratio Lower Upper
162 100
127 39.1 30.9 46.3
164 33.1 26.4 39.6

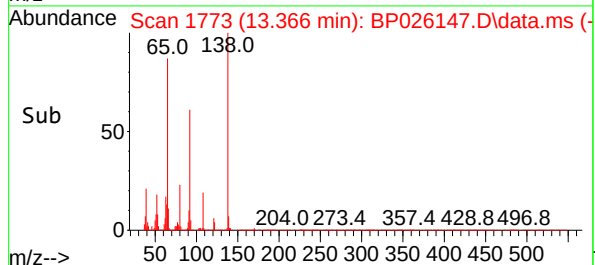
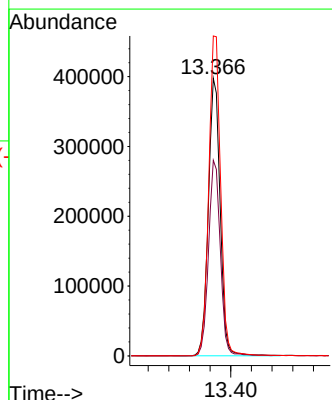
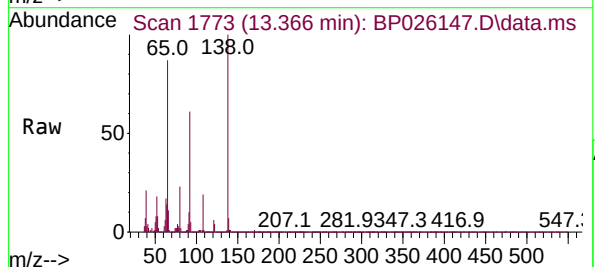
Manual Integrations
APPROVED

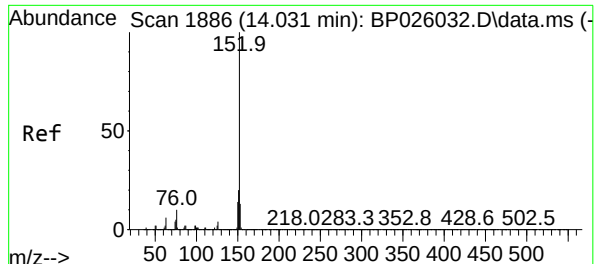
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#48
2-Nitroaniline
Concen: 41.000 ng
RT: 13.366 min Scan# 1773
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

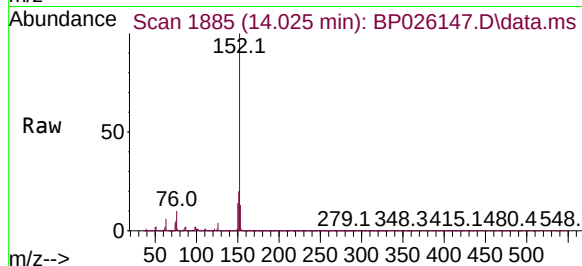
Tgt Ion: 65 Resp: 630592
Ion Ratio Lower Upper
65 100
92 70.5 59.1 88.7
138 115.3 96.6 145.0





#49
Acenaphthylene
Concen: 39.879 ng
RT: 14.025 min Scan# 1885
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

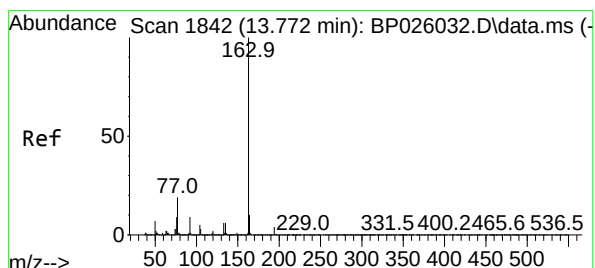
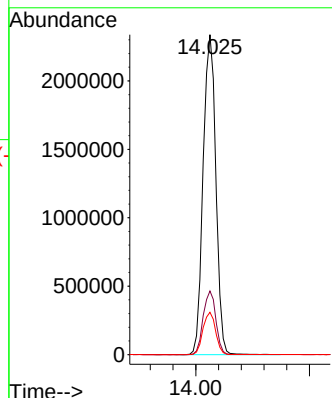
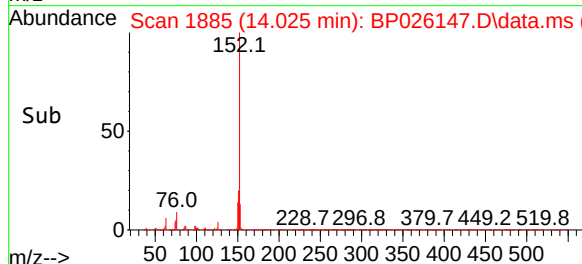
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:152 Resp: 363384
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.8
153 13.2 10.6 16.0

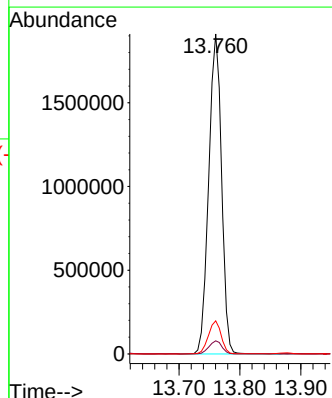
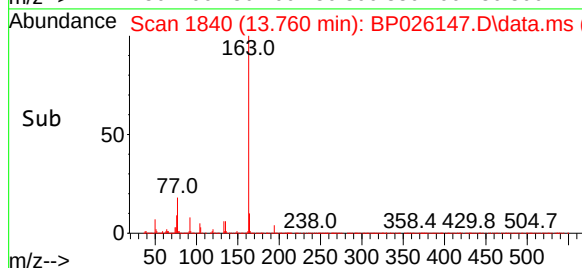
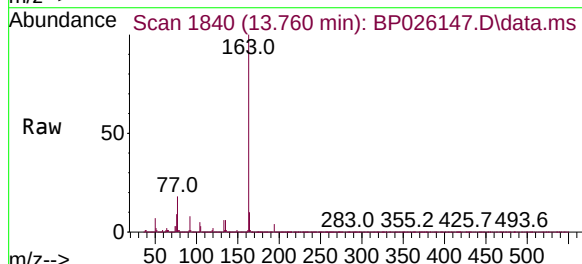
Manual Integrations
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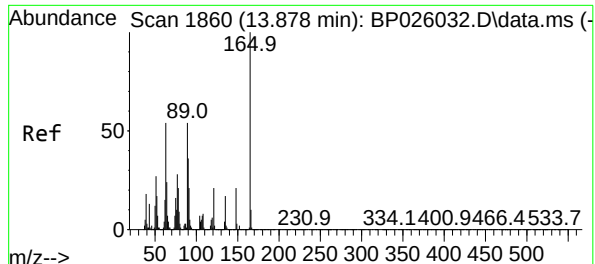
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#50
Dimethylphthalate
Concen: 40.098 ng
RT: 13.760 min Scan# 1840
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

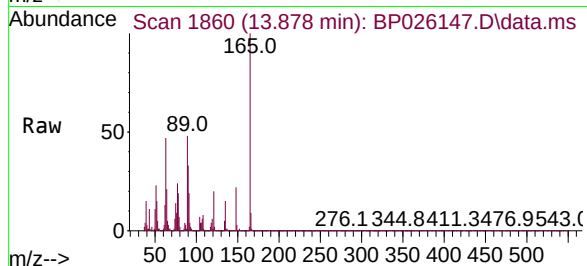
Tgt Ion:163 Resp: 2788637
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.3 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 42.806 ng
RT: 13.878 min Scan# 1860
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

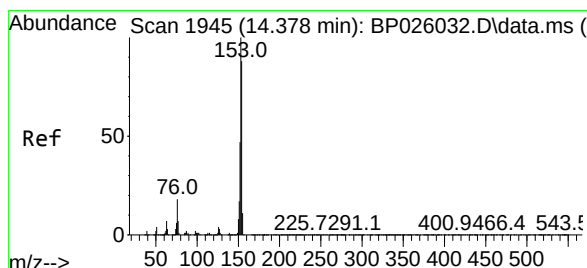
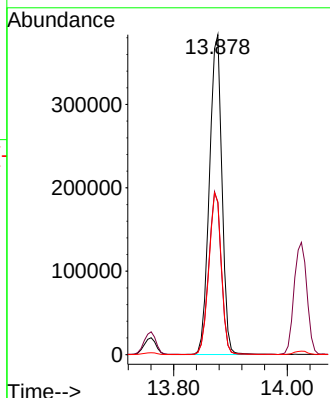
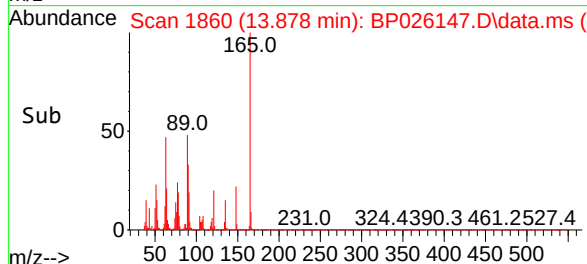
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:165 Resp: 588736
Ion Ratio Lower Upper
165 100
63 47.4 40.5 60.7
89 47.7 41.3 61.9

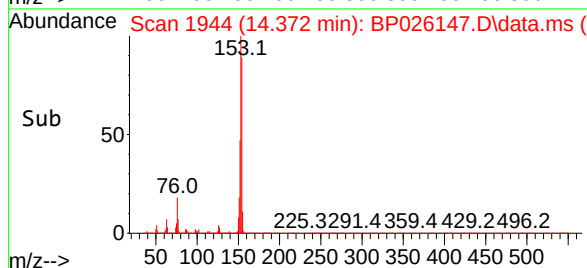
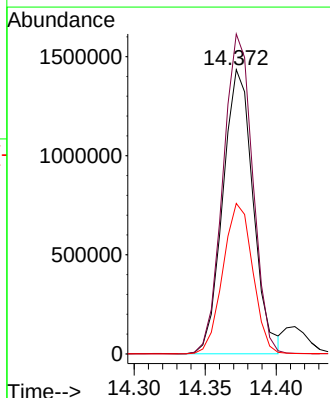
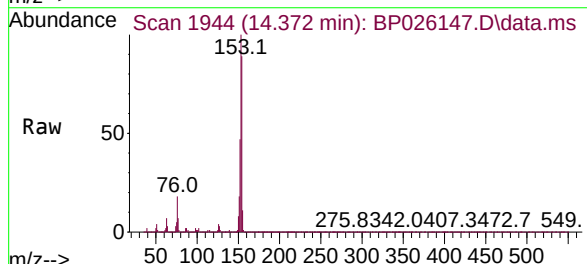
Manual Integrations
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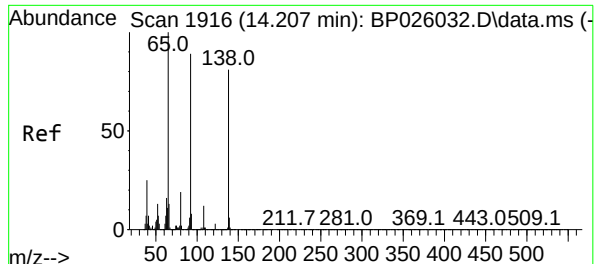
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#52
Acenaphthene
Concen: 39.859 ng
RT: 14.372 min Scan# 1944
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:154 Resp: 2124219
Ion Ratio Lower Upper
154 100
153 112.6 90.7 136.1
152 52.9 42.8 64.2





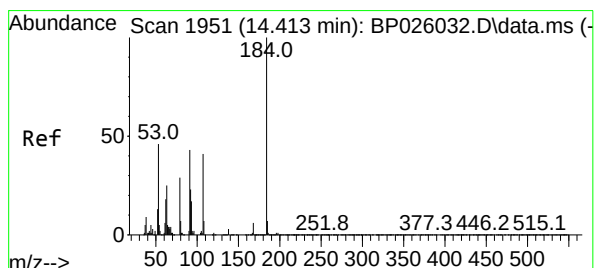
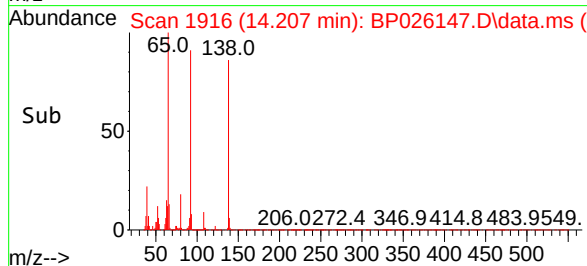
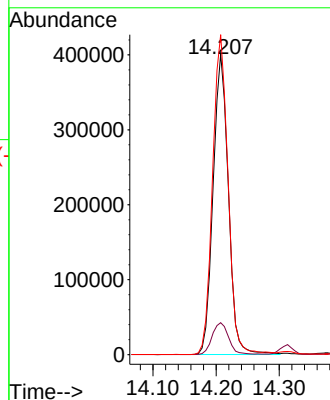
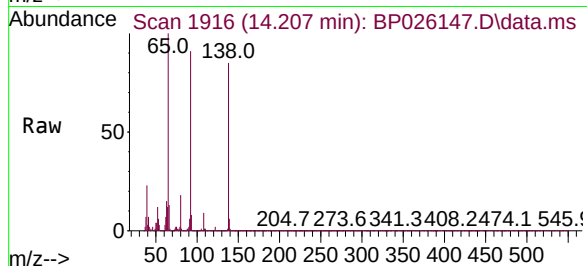
#53
3-Nitroaniline
Concen: 41.586 ng
RT: 14.207 min Scan# 1916
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:138 Resp: 675665
Ion Ratio Lower Upper
138 100
108 10.6 8.9 13.3
92 106.5 86.3 129.5

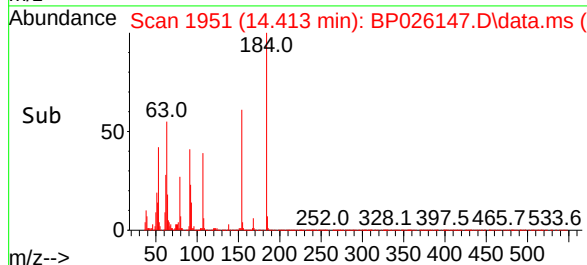
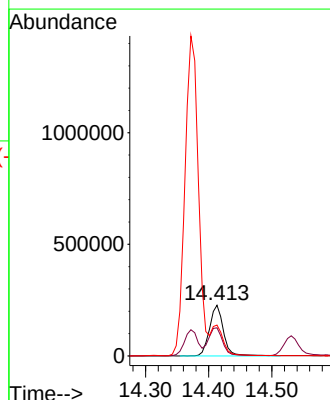
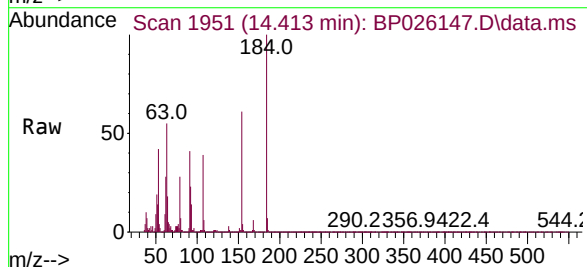
Manual Integrations
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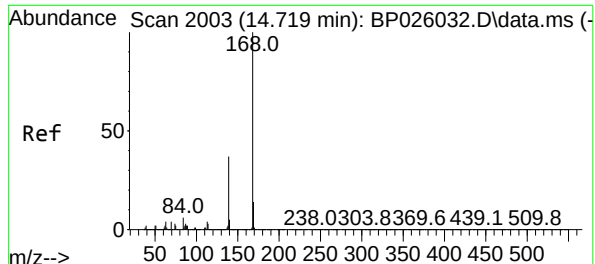
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#54
2,4-Dinitrophenol
Concen: 42.038 ng
RT: 14.413 min Scan# 1951
Delta R.T. -0.018 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:184 Resp: 346832
Ion Ratio Lower Upper
184 100
63 55.4 43.1 64.7
154 60.8 49.5 74.3





#55

Dibenzenofuran

Concen: 39.554 ng

RT: 14.713 min Scan# 2003

Delta R.T. -0.012 min

Lab File: BP026147.D

Acq: 18 Nov 2025 17:57

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:168 Resp: 3294100

Ion Ratio Lower Upper

168 100

139 36.8 29.8 44.6

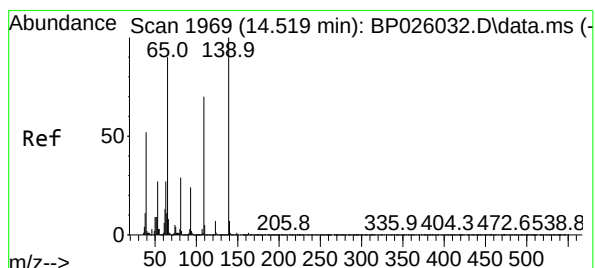
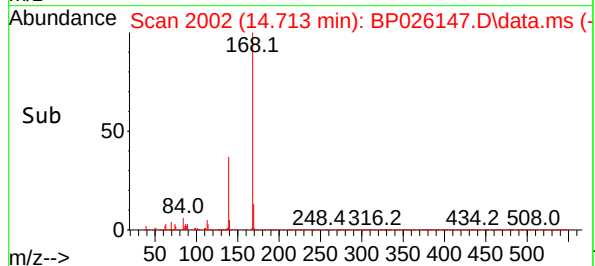
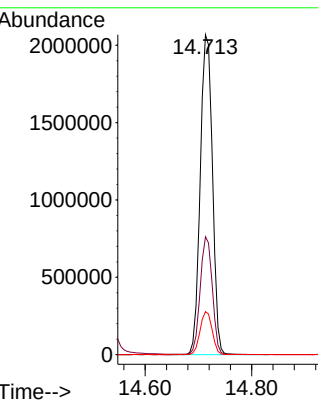
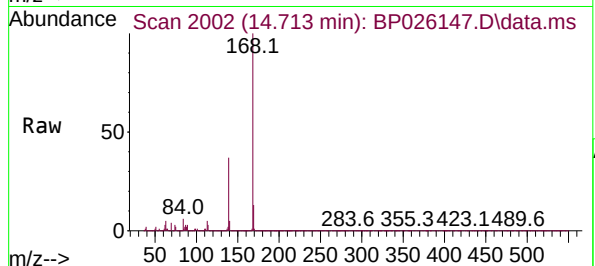
169 13.4 10.9 16.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#56

4-Nitrophenol

Concen: 39.974 ng

RT: 14.531 min Scan# 1971

Delta R.T. -0.012 min

Lab File: BP026147.D

Acq: 18 Nov 2025 17:57

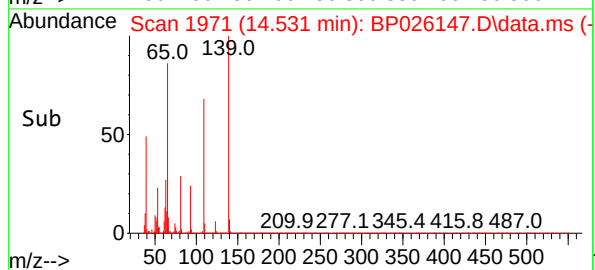
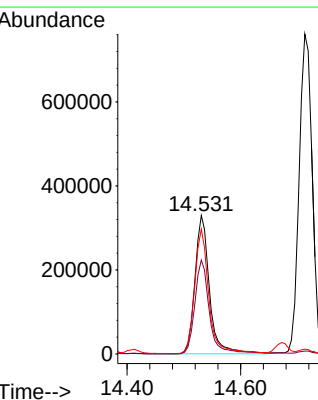
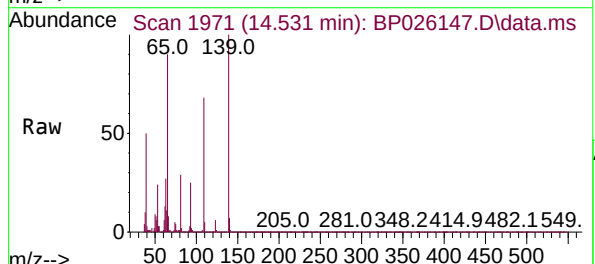
Tgt Ion:139 Resp: 589592

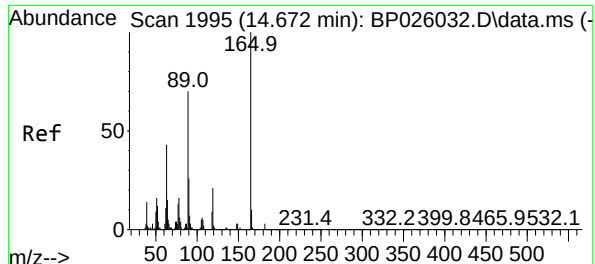
Ion Ratio Lower Upper

139 100

109 67.7 46.8 86.8

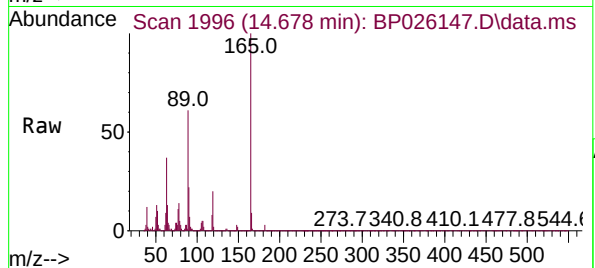
65 90.0 69.3 109.3





#57
2,4-Dinitrotoluene
Concen: 42.152 ng
RT: 14.678 min Scan# 1995
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

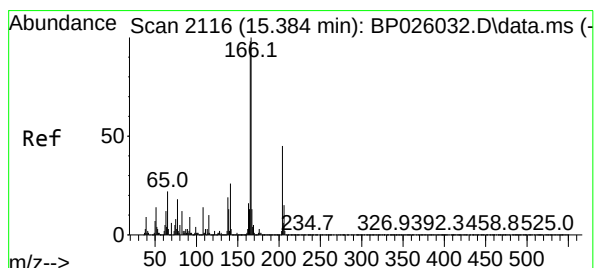
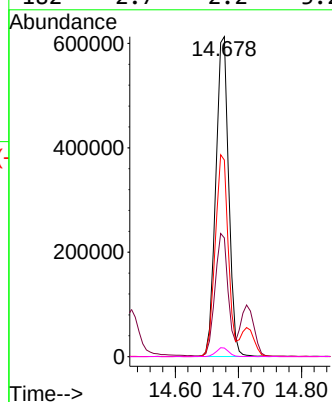
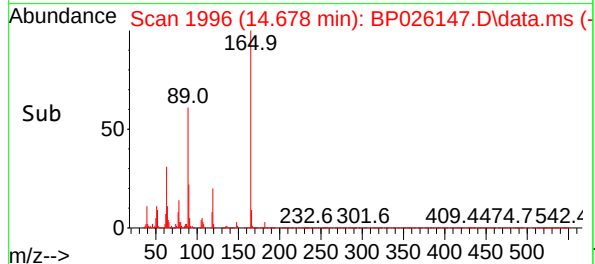
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:165 Resp: 871532
Ion Ratio Lower Upper
165 100
63 37.1 31.0 46.6
89 61.4 51.7 77.5
182 2.7 2.2 3.2

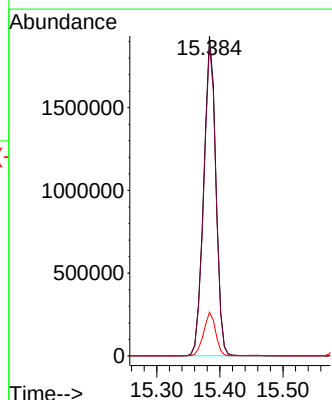
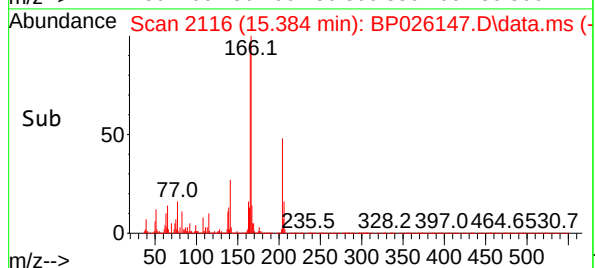
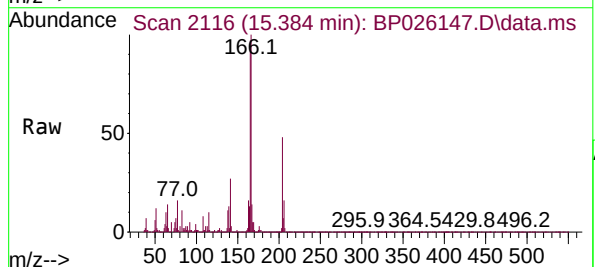
Manual Integrations
APPROVED

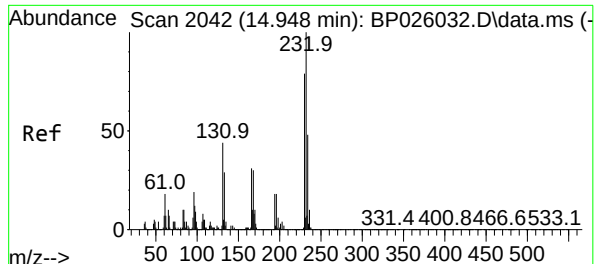
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#58
Fluorene
Concen: 39.135 ng
RT: 15.384 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:166 Resp: 2576477
Ion Ratio Lower Upper
166 100
165 97.5 77.9 116.9
167 13.6 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 40.827 ng

RT: 14.954 min Scan# 2042

Delta R.T. -0.006 min

Lab File: BP026147.D

Acq: 18 Nov 2025 17:57

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:232 Resp: 746296

Ion Ratio Lower Upper

232 100

131 43.2 34.8 52.2

130 2.2 1.8 2.8

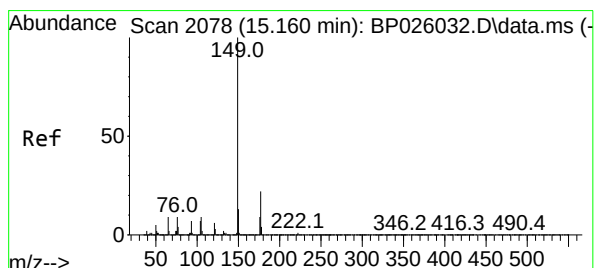
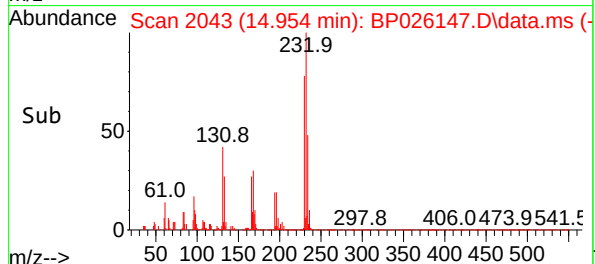
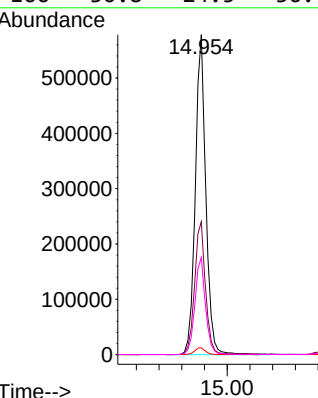
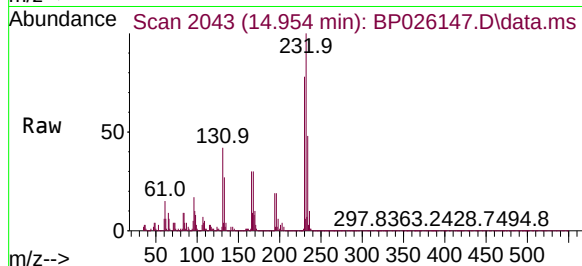
166 30.8 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#60

Diethylphthalate

Concen: 40.313 ng

RT: 15.160 min Scan# 2078

Delta R.T. -0.012 min

Lab File: BP026147.D

Acq: 18 Nov 2025 17:57

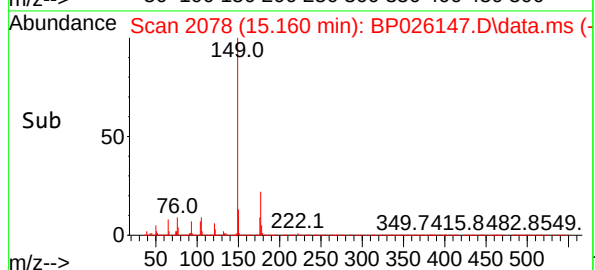
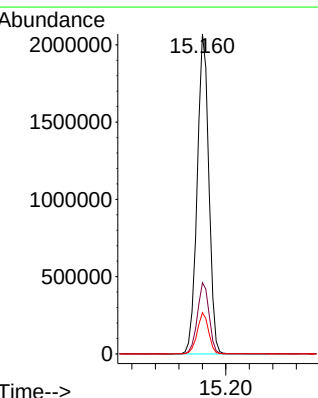
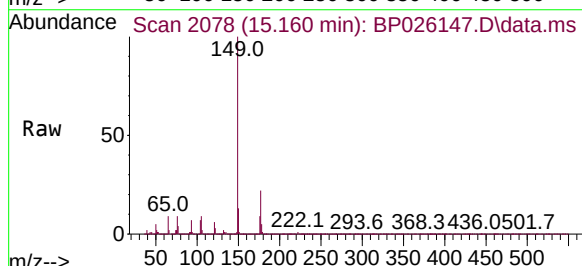
Tgt Ion:149 Resp: 2841743

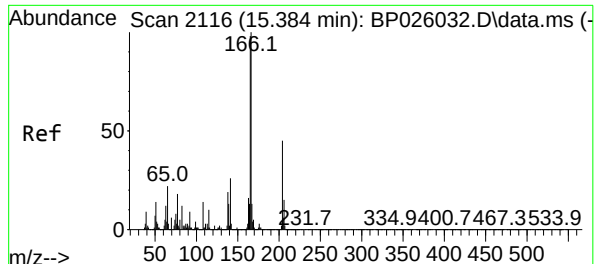
Ion Ratio Lower Upper

149 100

177 22.2 17.9 26.9

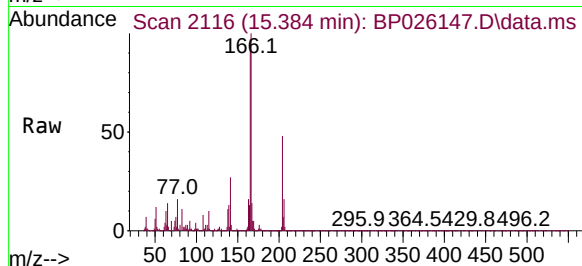
150 12.9 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 39.576 ng
RT: 15.384 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

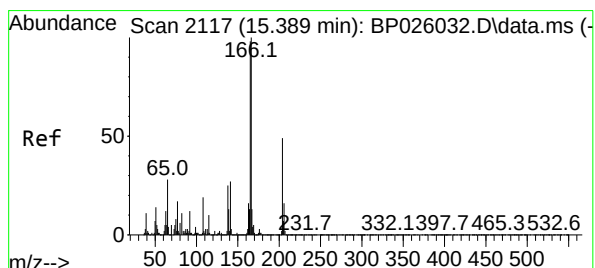
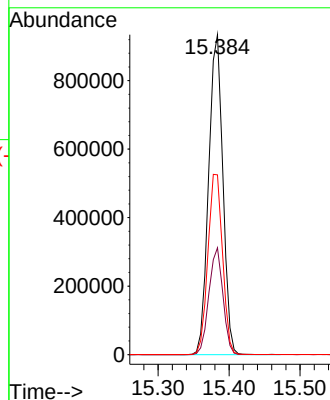
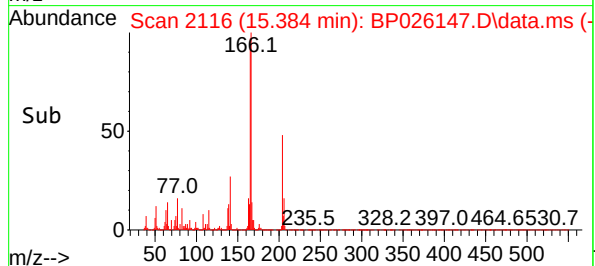
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:204 Resp: 1293329
Ion Ratio Lower Upper
204 100
206 33.4 26.2 39.2
141 56.2 48.1 72.1

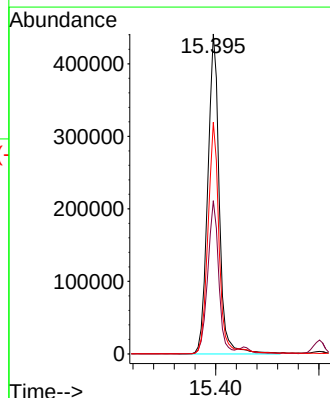
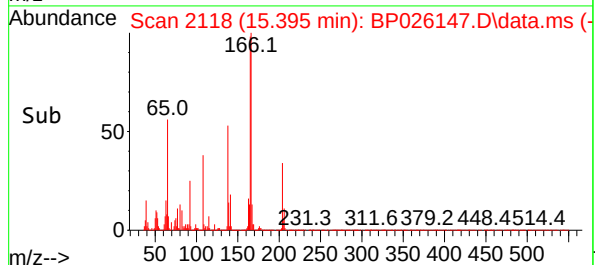
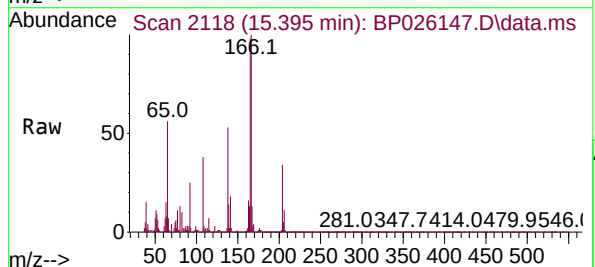
Manual Integrations
APPROVED

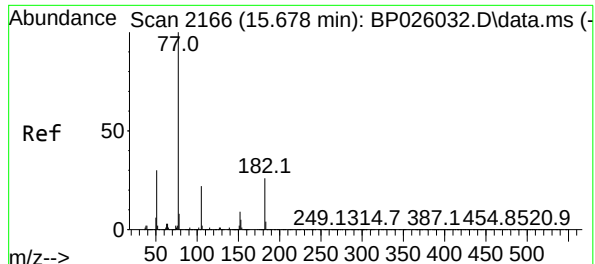
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#62
4-Nitroaniline
Concen: 40.085 ng
RT: 15.395 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

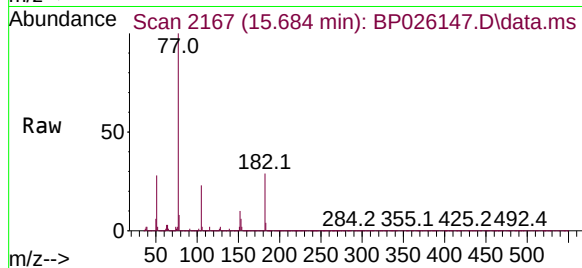
Tgt Ion:138 Resp: 681705
Ion Ratio Lower Upper
138 100
92 47.9 27.5 67.5
108 72.4 51.1 91.1





#63
Azobenzene
Concen: 40.665 ng
RT: 15.684 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

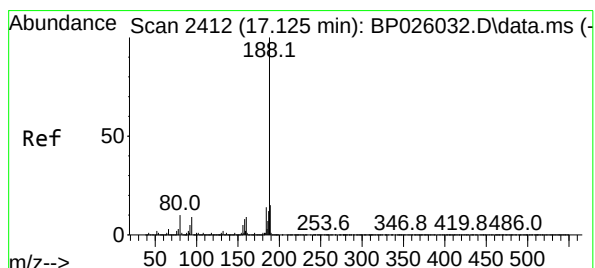
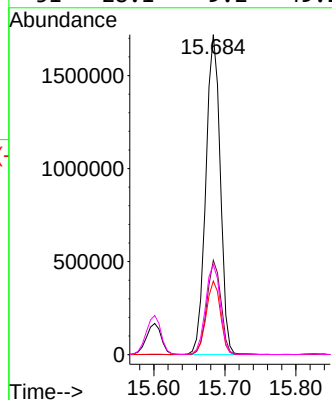
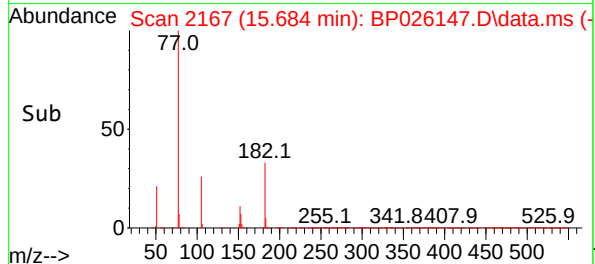
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion: 77 Resp: 2408368
Ion Ratio Lower Upper
77 100
182 29.5 8.8 48.8
105 23.0 2.6 42.6
51 28.1 9.2 49.2

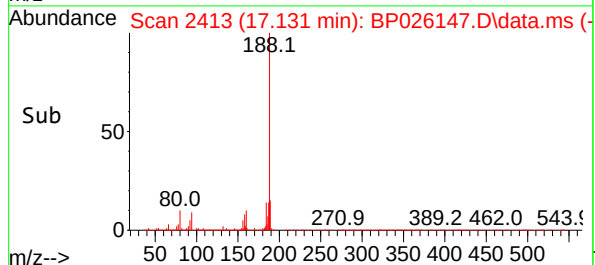
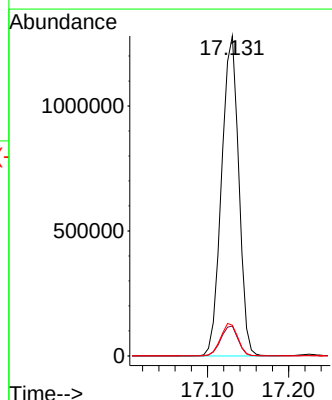
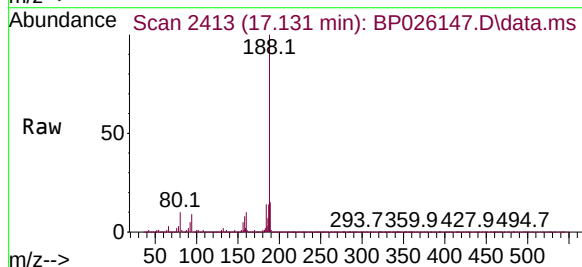
Manual Integrations
APPROVED

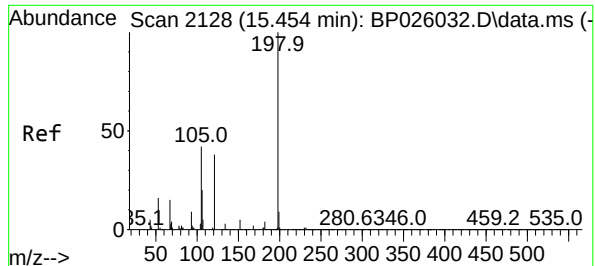
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.131 min Scan# 2413
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:188 Resp: 1878028
Ion Ratio Lower Upper
188 100
94 9.4 7.8 11.6
80 9.6 8.2 12.2





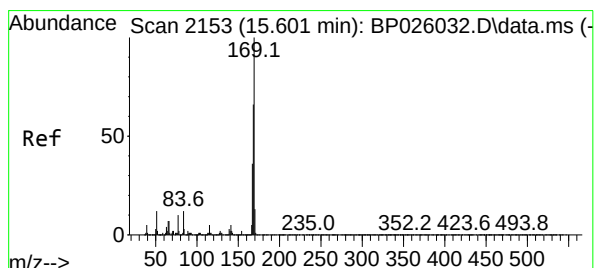
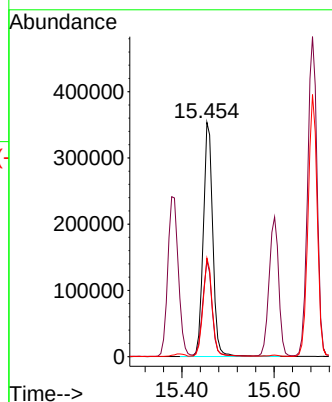
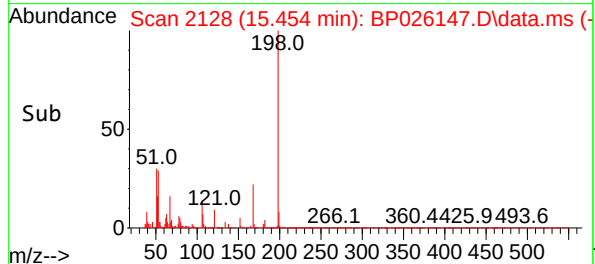
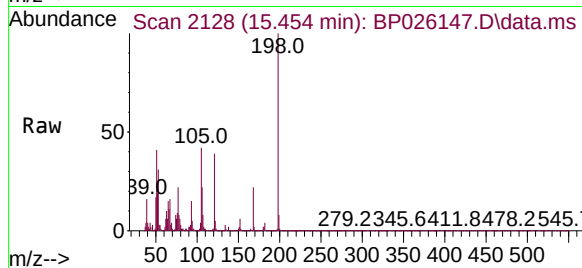
#65
4,6-Dinitro-2-methylphenol
Concen: 42.621 ng
RT: 15.454 min Scan# 2128
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:198 Resp: 503716
Ion Ratio Lower Upper
198 100
51 40.9 18.4 58.4
105 42.0 18.5 58.5

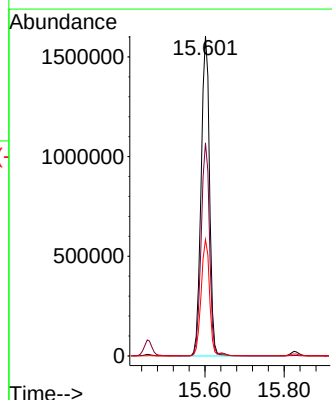
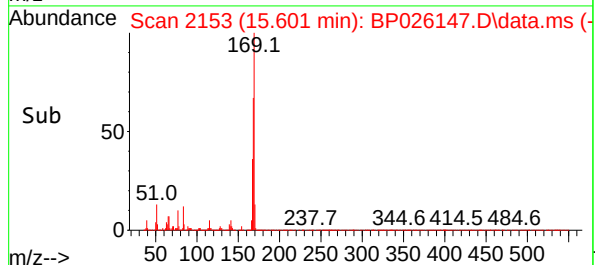
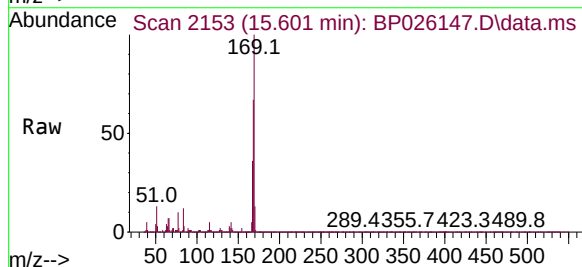
Manual Integrations
APPROVED

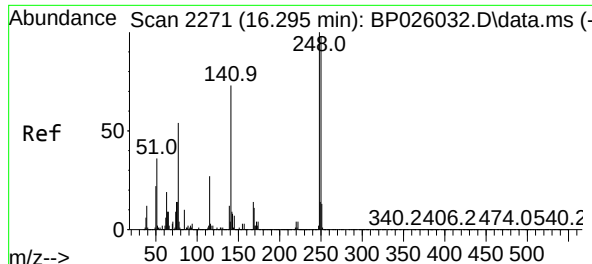
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#66
n-Nitrosodiphenylamine
Concen: 40.344 ng
RT: 15.601 min Scan# 2153
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

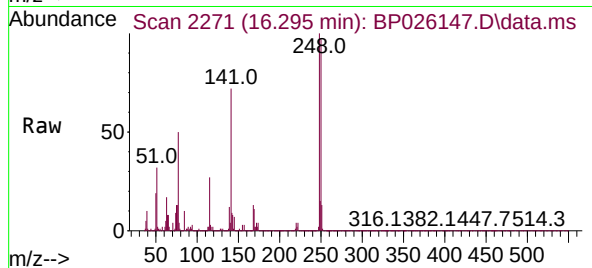
Tgt Ion:169 Resp: 2344222
Ion Ratio Lower Upper
169 100
168 66.6 53.1 79.7
167 36.3 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 41.519 ng
RT: 16.295 min Scan# 2271
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

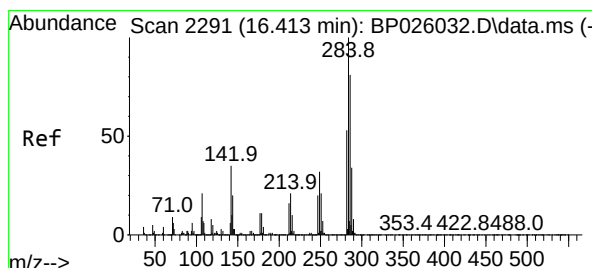
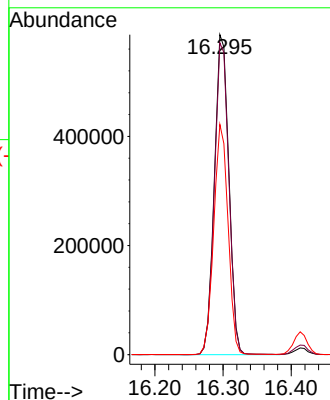
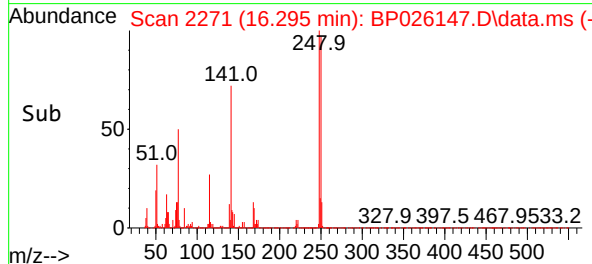
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:248 Resp: 861696
Ion Ratio Lower Upper
248 100
250 97.4 77.8 116.6
141 71.9 55.4 83.0

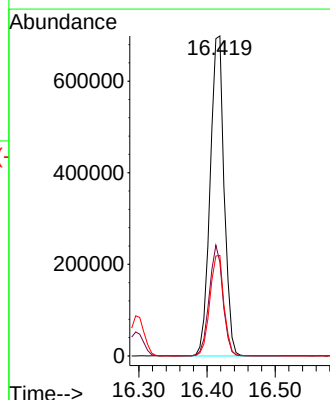
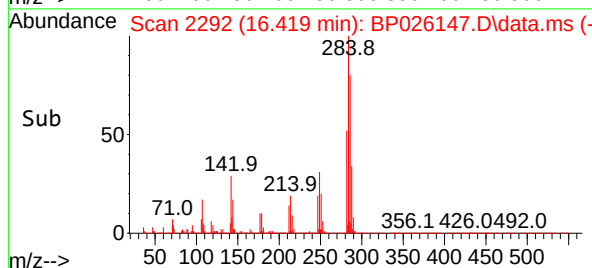
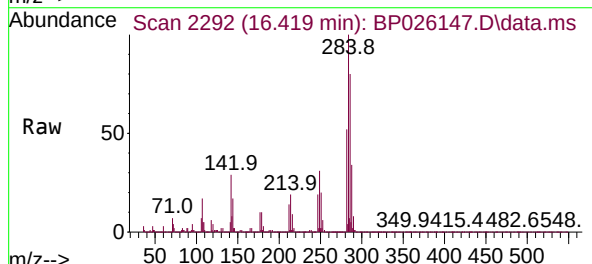
Manual Integrations
APPROVED

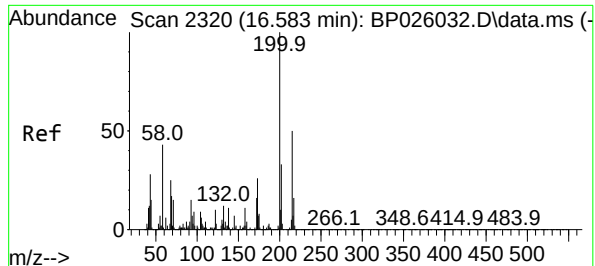
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#68
Hexachlorobenzene
Concen: 41.466 ng
RT: 16.419 min Scan# 2292
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

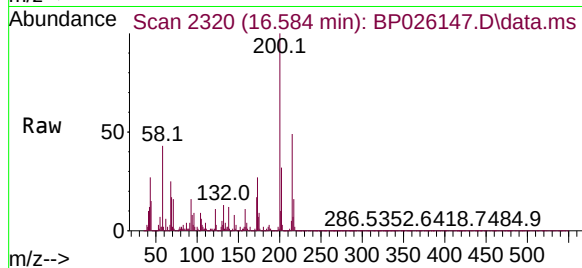
Tgt Ion:284 Resp: 994319
Ion Ratio Lower Upper
284 100
142 29.3 28.0 42.0
249 31.4 25.0 37.4





#69
Atrazine
Concen: 40.815 ng
RT: 16.584 min Scan# 2320
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

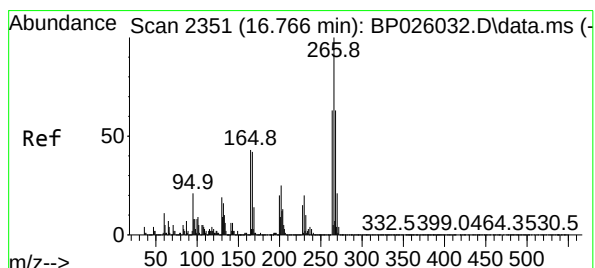
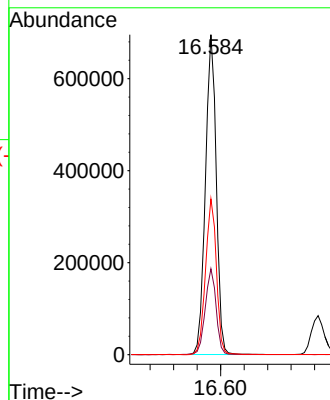
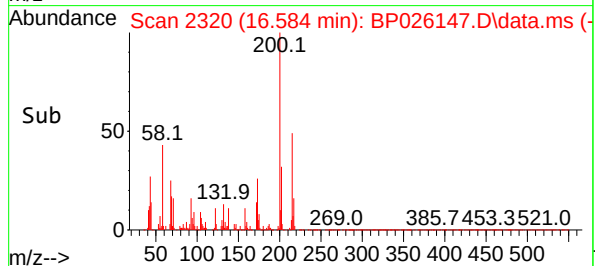
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:200 Resp: 893064
Ion Ratio Lower Upper
200 100
173 26.8 6.7 46.7
215 48.7 27.4 67.4

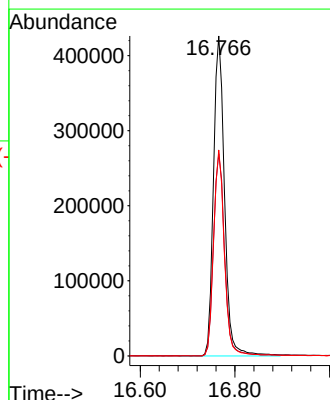
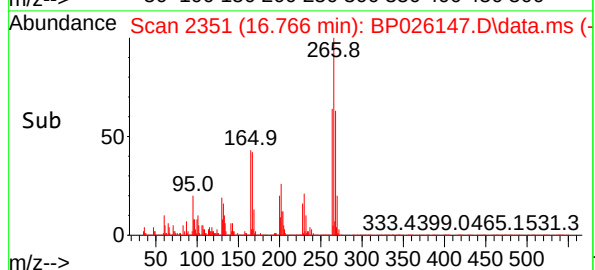
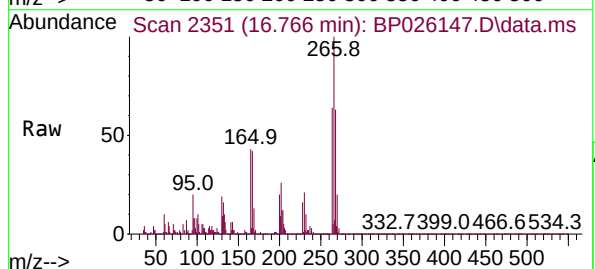
Manual Integrations
APPROVED

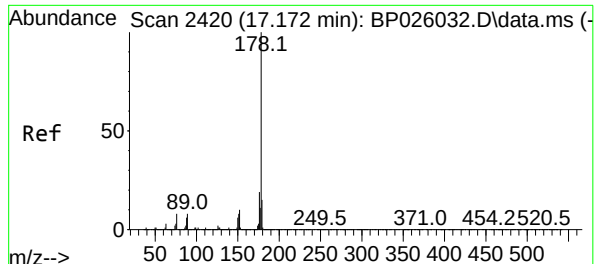
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#70
Pentachlorophenol
Concen: 40.947 ng
RT: 16.766 min Scan# 2351
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

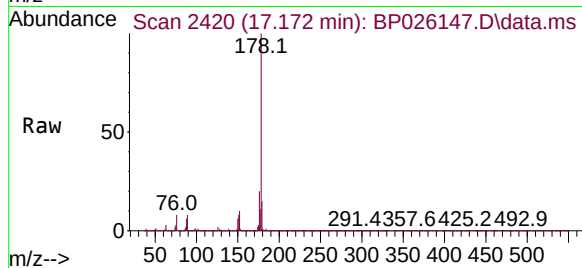
Tgt Ion:266 Resp: 688877
Ion Ratio Lower Upper
266 100
268 63.2 51.0 76.4
264 64.3 50.2 75.2





#71
Phenanthrene
Concen: 39.682 ng
RT: 17.172 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

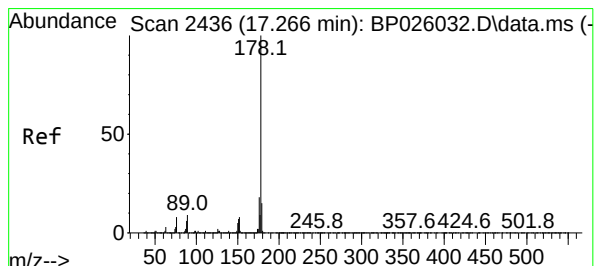
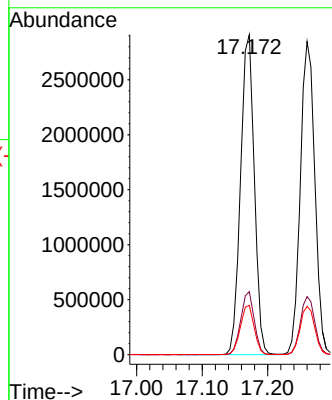
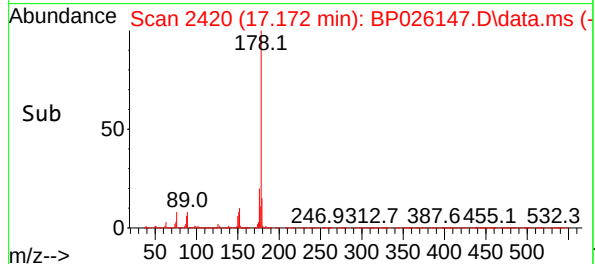
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:178 Resp: 421615
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.2
179 15.4 12.4 18.6

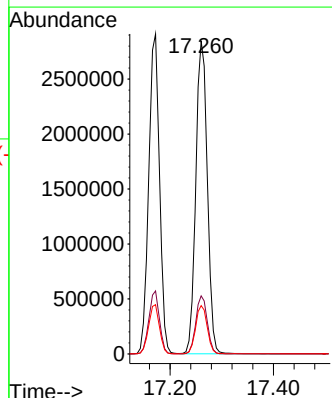
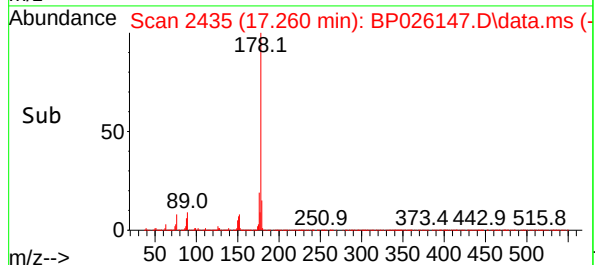
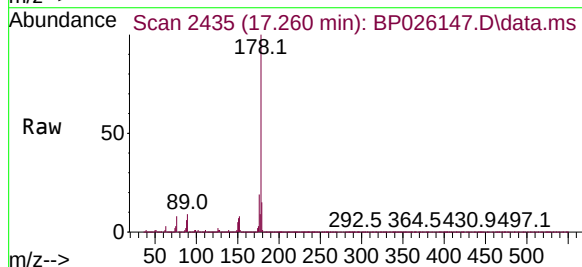
Manual Integrations
APPROVED

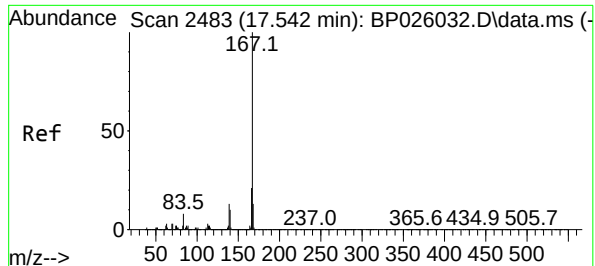
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#72
Anthracene
Concen: 40.544 ng
RT: 17.260 min Scan# 2435
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

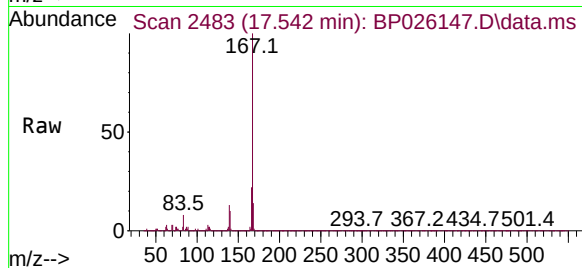
Tgt Ion:178 Resp: 4399641
Ion Ratio Lower Upper
178 100
176 18.5 14.8 22.2
179 15.4 12.2 18.4





#73
 Carbazole
 Concen: 40.424 ng
 RT: 17.542 min Scan# 2483
 Delta R.T. 0.000 min
 Lab File: BP026147.D
 Acq: 18 Nov 2025 17:57

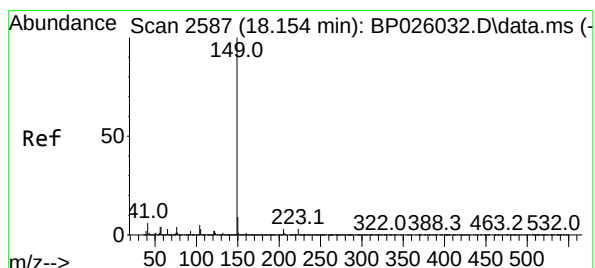
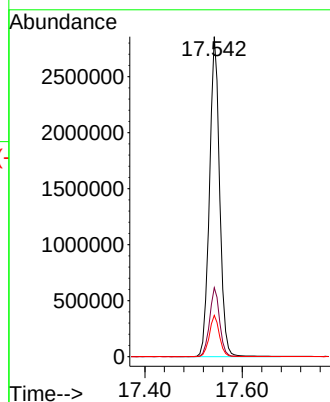
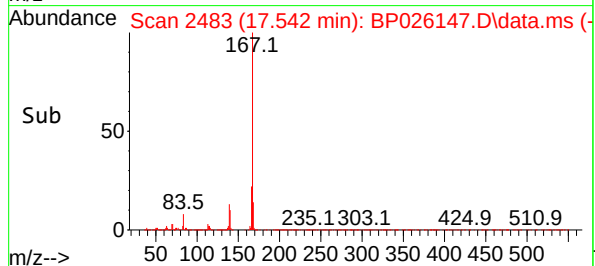
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC040



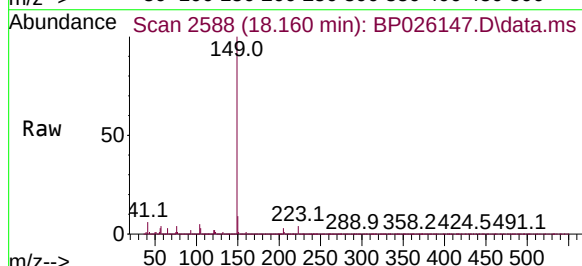
Tgt Ion:167 Resp: 414984
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.1 25.7
 139 12.9 10.2 15.4

Manual Integrations
 APPROVED

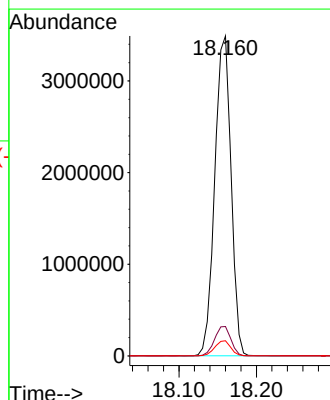
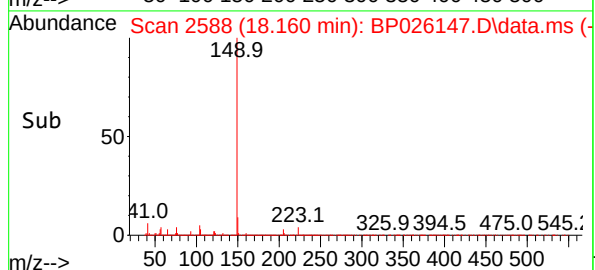
Reviewed By :Jagrut Upadhyay 11/19/2025
 Supervised By :Sohil Jodhani 11/19/2025

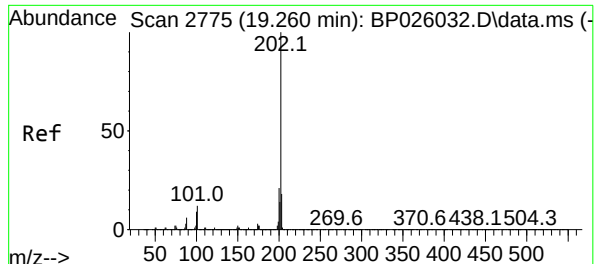


#74
 Di-n-butylphthalate
 Concen: 41.877 ng
 RT: 18.160 min Scan# 2588
 Delta R.T. 0.000 min
 Lab File: BP026147.D
 Acq: 18 Nov 2025 17:57



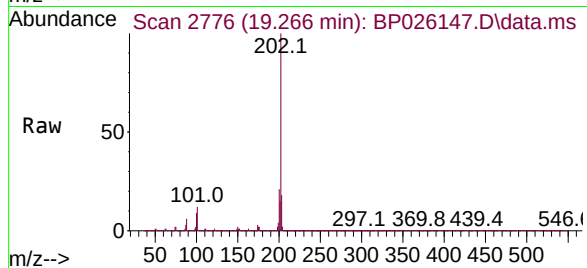
Tgt Ion:149 Resp: 5102416
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 4.7 3.6 5.4





#75
Fluoranthene
Concen: 39.601 ng
RT: 19.266 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

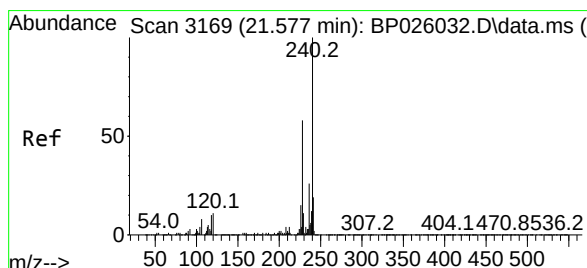
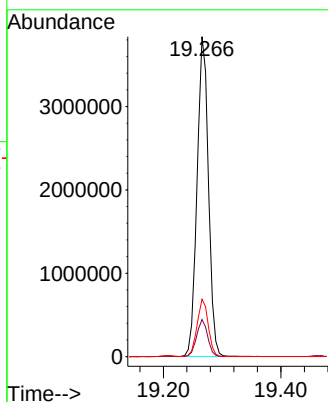
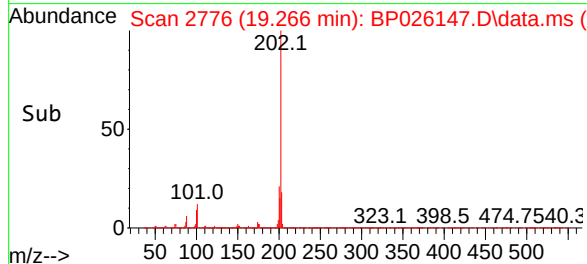
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:202 Resp: 5142583
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.2
203 17.9 0.0 37.7

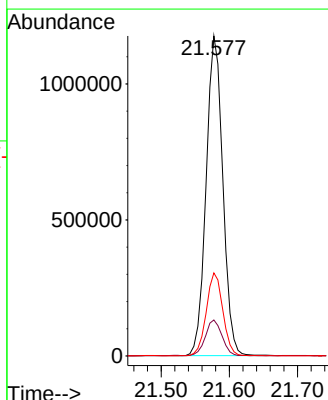
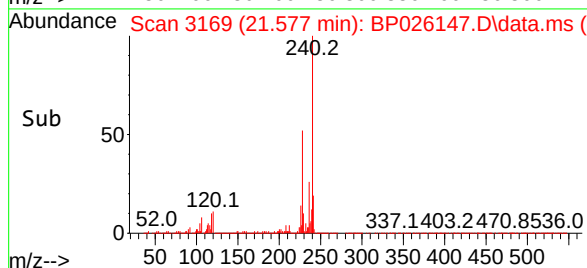
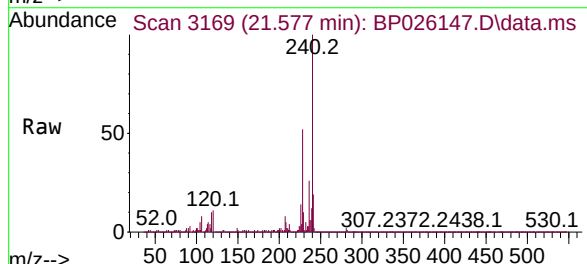
Manual Integrations
APPROVED

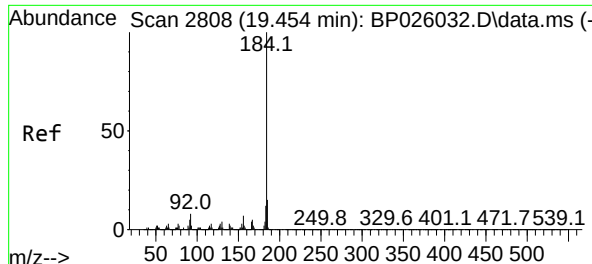
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3169
Delta R.T. 0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

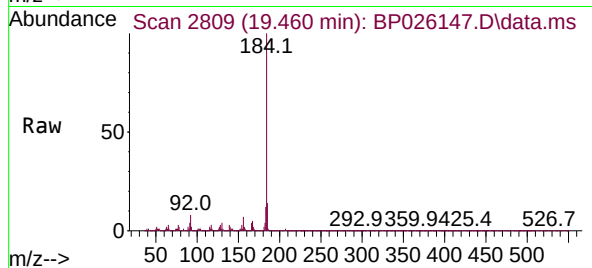
Tgt Ion:240 Resp: 1999579
Ion Ratio Lower Upper
240 100
120 11.2 9.0 13.4
236 25.9 20.4 30.6





#77
Benzidine
Concen: 40.014 ng
RT: 19.460 min Scan# 2809
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

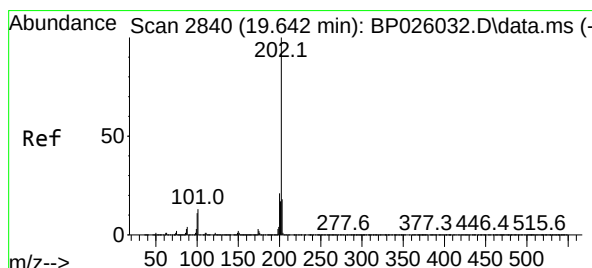
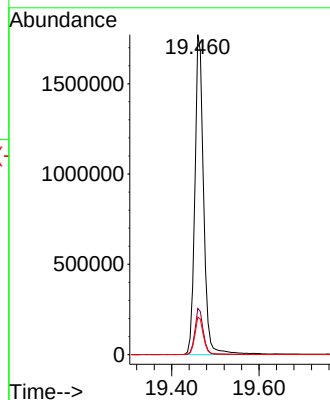
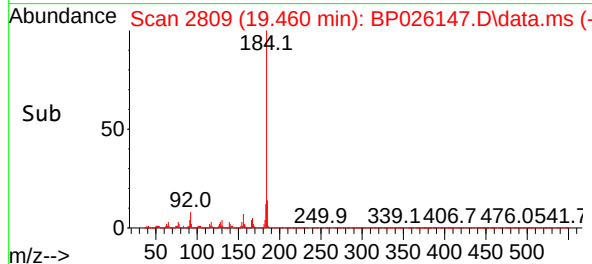
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:184 Resp: 2462804
Ion Ratio Lower Upper
184 100
185 14.4 11.3 16.9
183 11.7 9.0 13.6

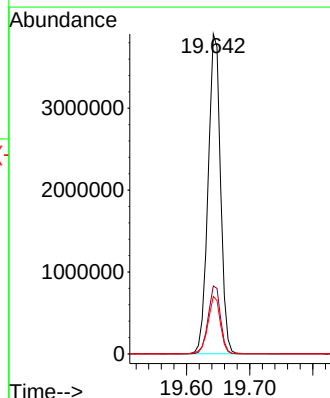
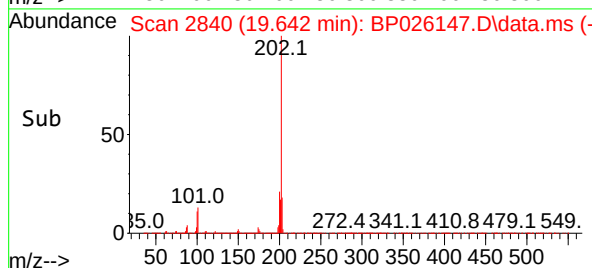
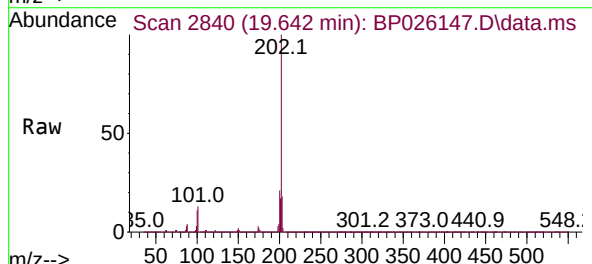
Manual Integrations
APPROVED

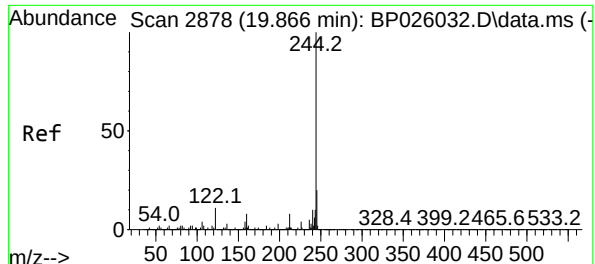
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#78
Pyrene
Concen: 40.857 ng
RT: 19.642 min Scan# 2840
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

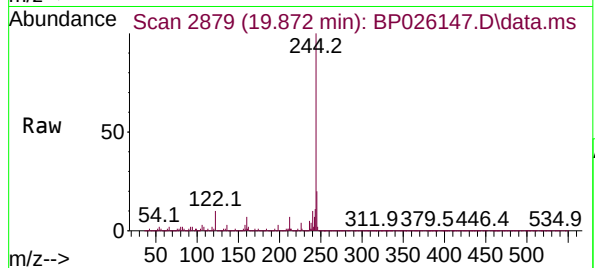
Tgt Ion:202 Resp: 5323064
Ion Ratio Lower Upper
202 100
200 21.2 16.9 25.3
203 18.0 13.8 20.8





#79
Terphenyl-d14
Concen: 80.792 ng
RT: 19.872 min Scan# 2879
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

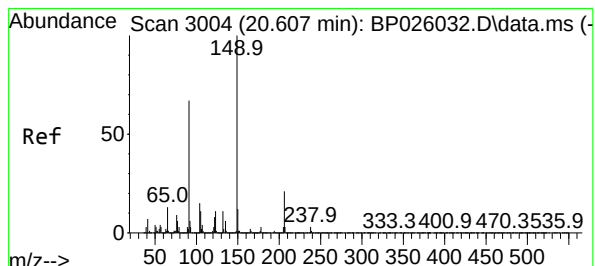
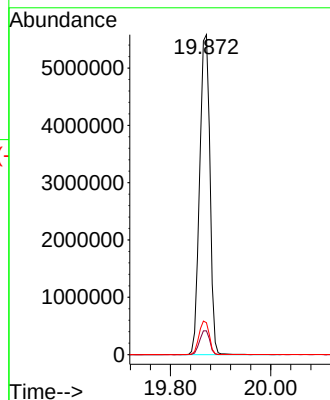
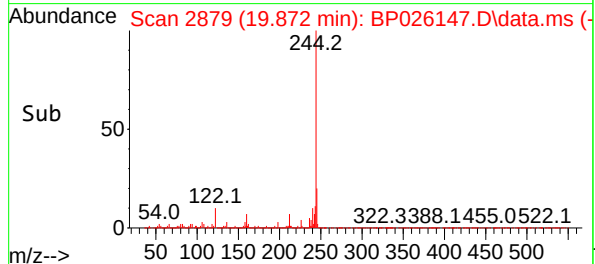
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:244 Resp: 7922015
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.8
122 10.0 8.2 12.2

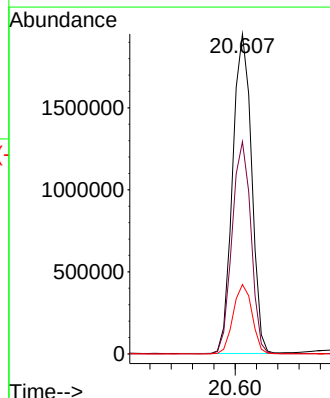
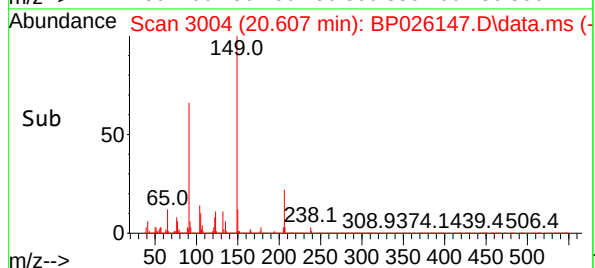
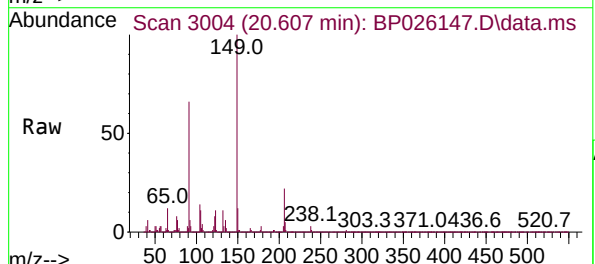
Manual Integrations
APPROVED

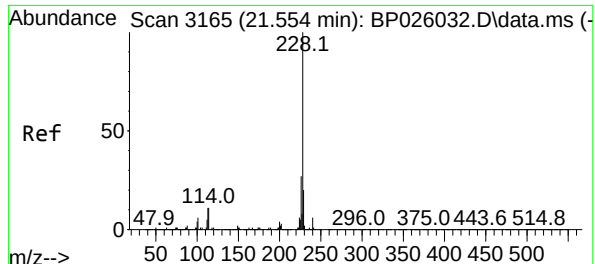
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#80
Butylbenzylphthalate
Concen: 41.564 ng
RT: 20.607 min Scan# 3004
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

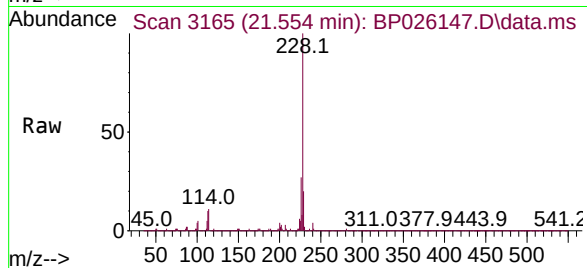
Tgt Ion:149 Resp: 2411743
Ion Ratio Lower Upper
149 100
91 66.4 52.6 79.0
206 21.7 16.9 25.3





#81
Benzo(a)anthracene
Concen: 40.116 ng
RT: 21.554 min Scan# 3165
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

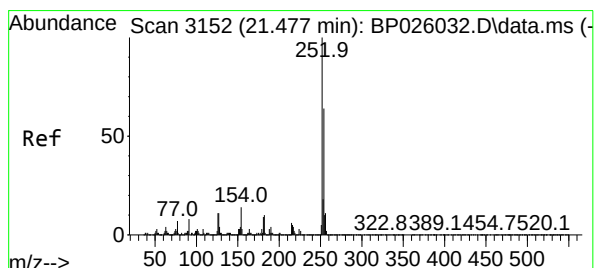
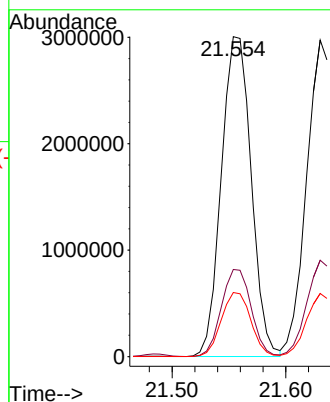
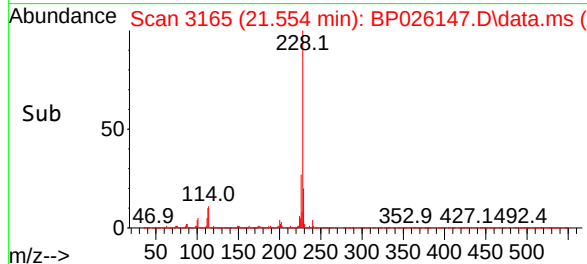
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:228 Resp: 5501277
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.8
229 20.0 15.9 23.9

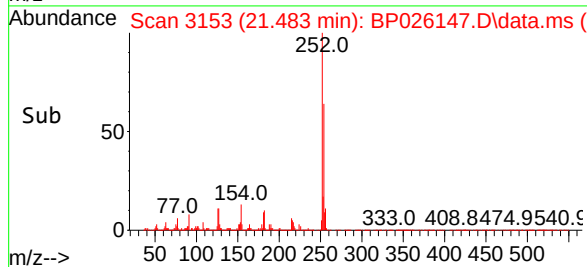
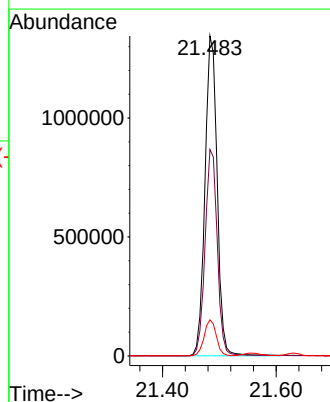
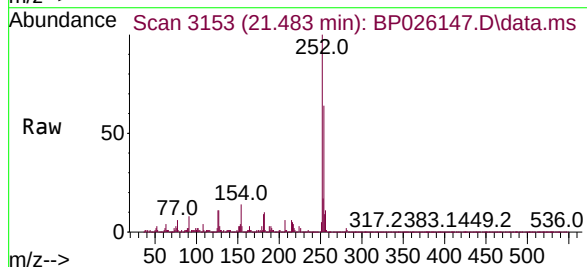
Manual Integrations
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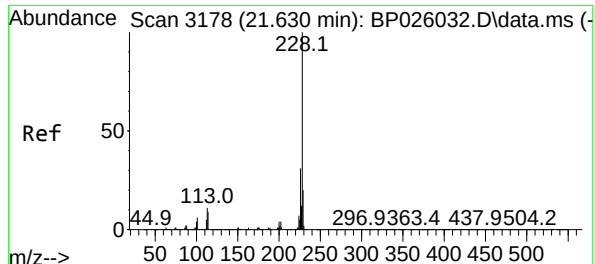
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#82
3,3'-Dichlorobenzidine
Concen: 40.145 ng
RT: 21.483 min Scan# 3153
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:252 Resp: 2000641
Ion Ratio Lower Upper
252 100
254 64.5 51.2 76.8
126 11.3 8.2 12.4





#83

Chrysene

Concen: 39.774 ng

RT: 21.630 min Scan# 3178

Delta R.T. 0.012 min

Lab File: BP026147.D

Acq: 18 Nov 2025 17:57

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:228 Resp: 5135129

Ion Ratio Lower Upper

228 100

226 30.4 23.9 35.9

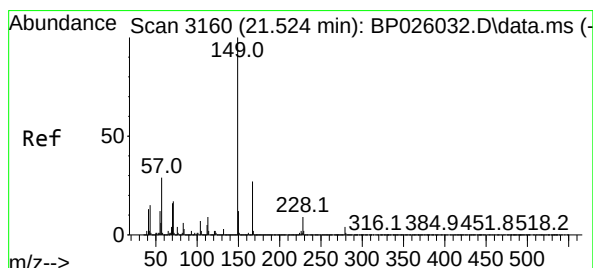
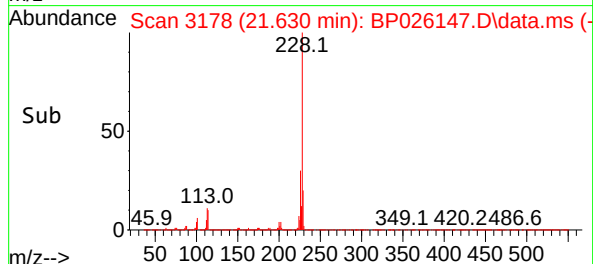
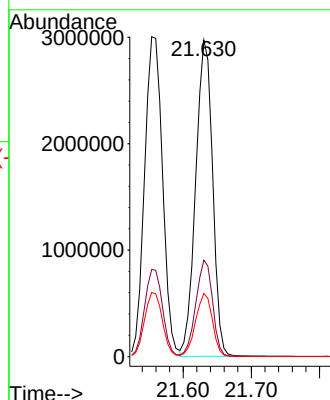
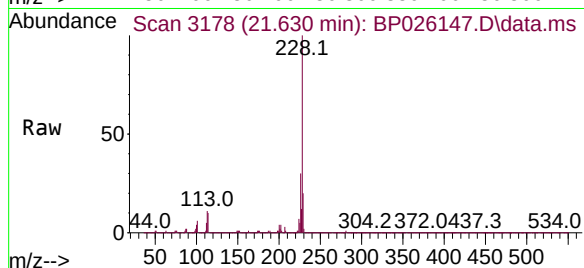
229 19.9 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.841 ng

RT: 21.519 min Scan# 3159

Delta R.T. 0.000 min

Lab File: BP026147.D

Acq: 18 Nov 2025 17:57

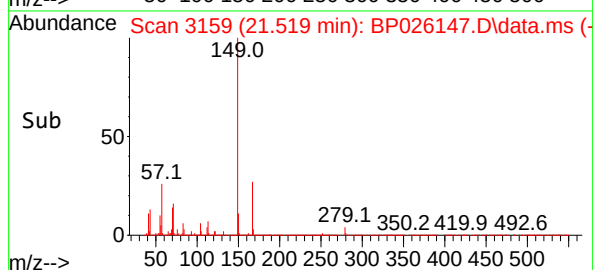
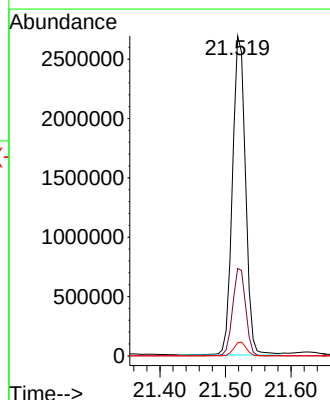
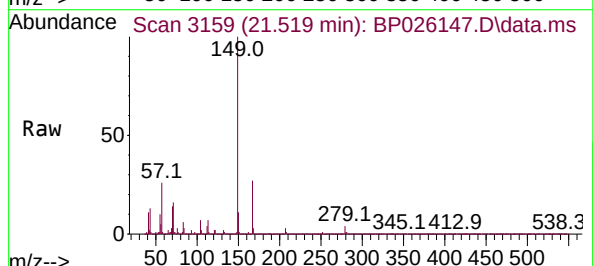
Tgt Ion:149 Resp: 3731352

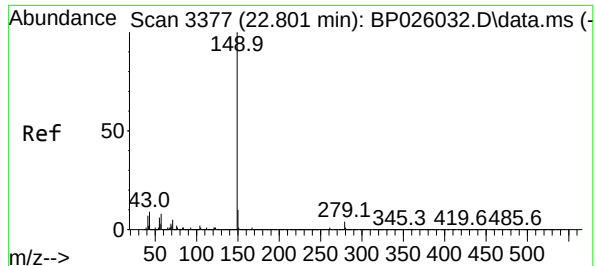
Ion Ratio Lower Upper

149 100

167 27.3 22.1 33.1

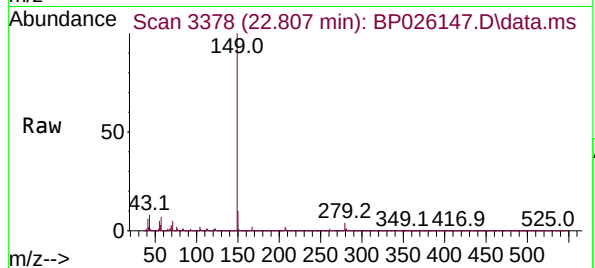
279 4.1 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 41.246 ng
RT: 22.807 min Scan# 3377
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

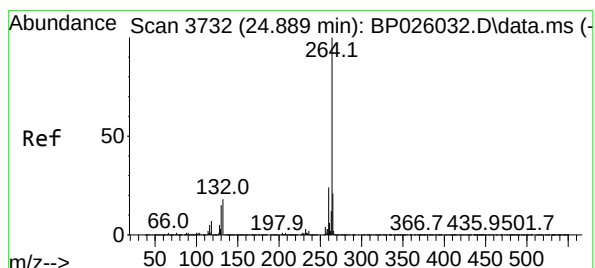
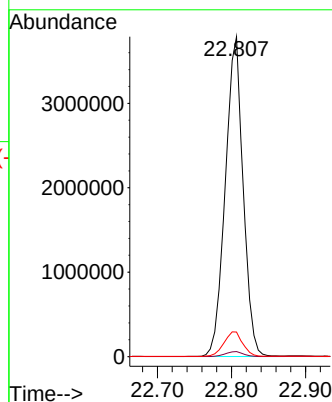
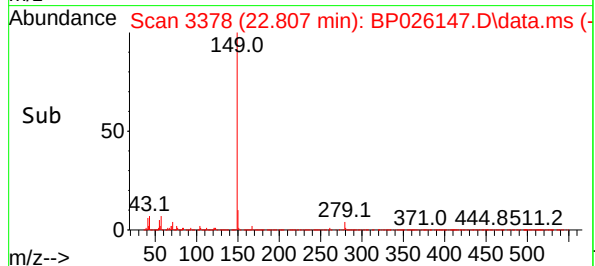
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:149 Resp: 6322176
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.1 6.6 10.0

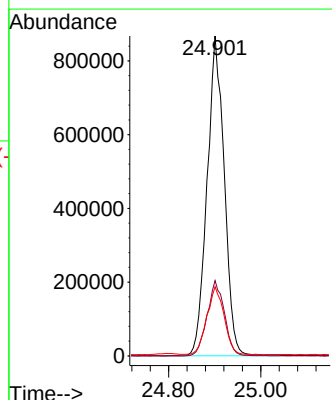
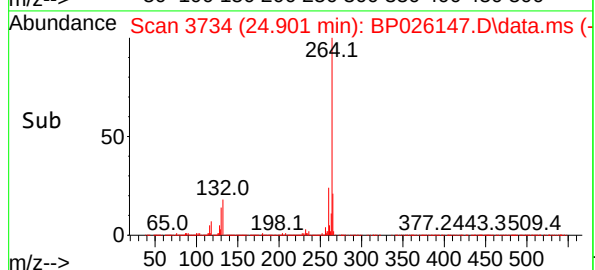
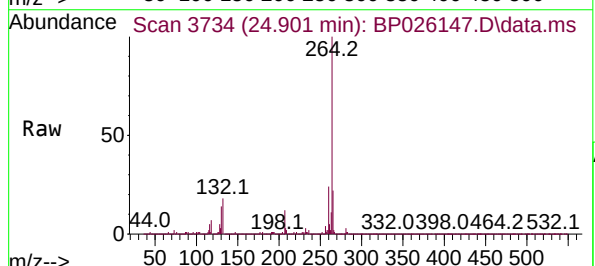
Manual Integrations
APPROVED

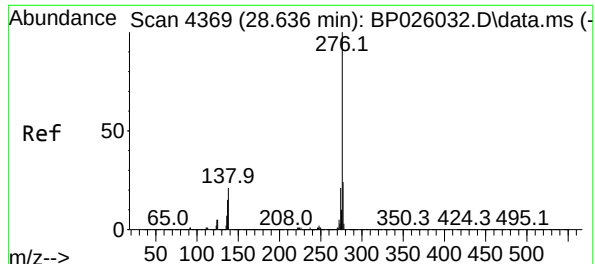
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.901 min Scan# 3734
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

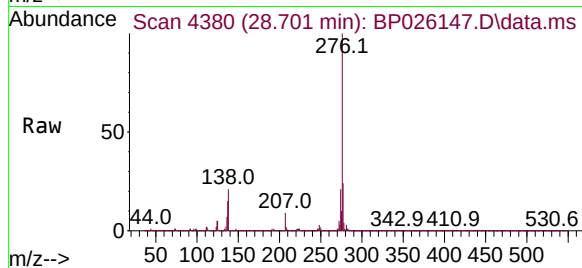
Tgt Ion:264 Resp: 2243799
Ion Ratio Lower Upper
264 100
260 23.5 18.7 28.1
265 21.6 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 40.563 ng m
RT: 28.701 min Scan# 4369
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

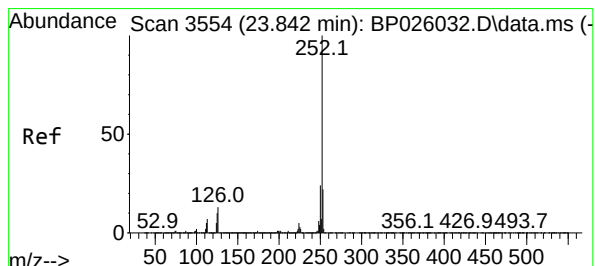
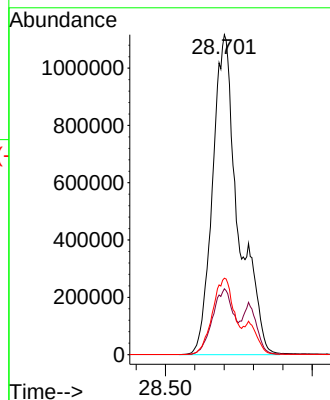
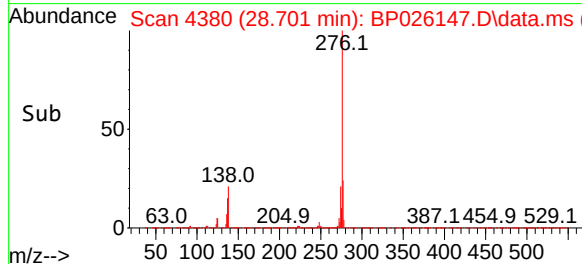
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion: 276 Resp: 6780312
Ion Ratio Lower Upper
276 100
138 16.7 13.8 20.8
277 20.1 16.7 25.1

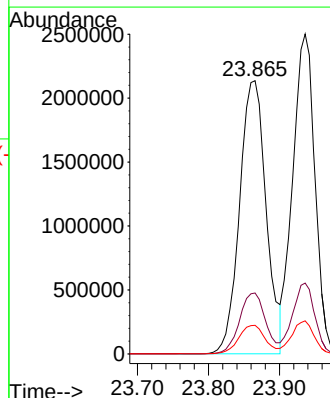
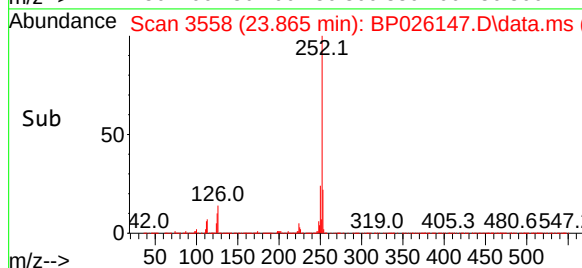
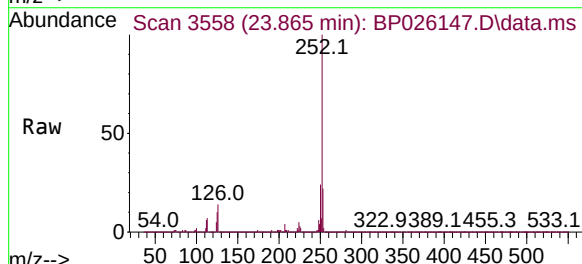
Manual Integrations
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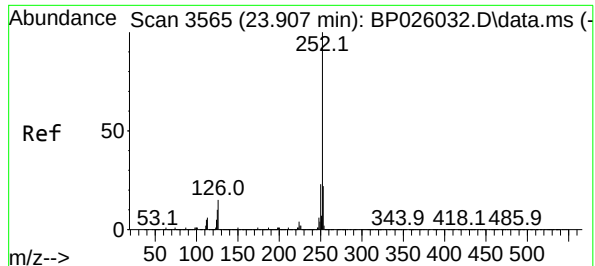
Reviewed By : Jagrut Upadhyay 11/19/2025
Supervised By : Sohil Jodhani 11/19/2025



#88
Benzo(b)fluoranthene
Concen: 40.699 ng
RT: 23.865 min Scan# 3558
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion: 252 Resp: 5552010
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 10.5 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 39.935 ng

RT: 23.936 min Scan# 3565

Delta R.T. 0.000 min

Lab File: BP026147.D

Acq: 18 Nov 2025 17:57

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:252 Resp: 5444576

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

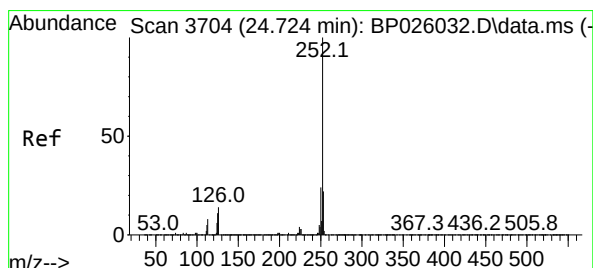
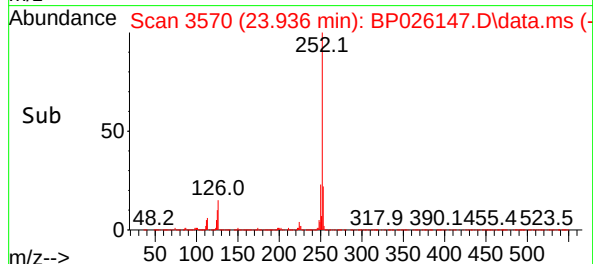
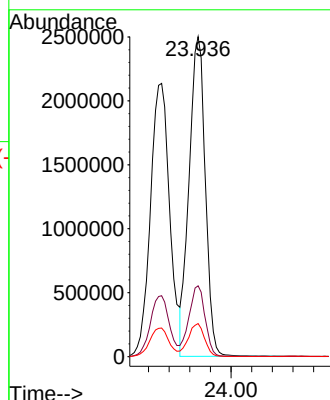
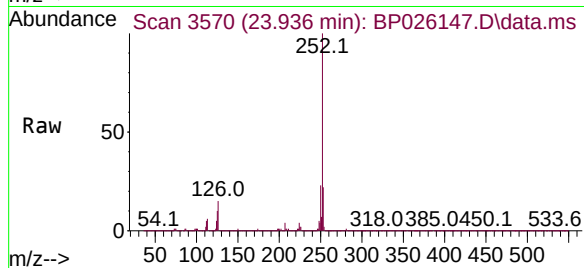
125 10.3 7.5 11.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#90

Benzo(a)pyrene

Concen: 40.506 ng

RT: 24.754 min Scan# 3709

Delta R.T. 0.000 min

Lab File: BP026147.D

Acq: 18 Nov 2025 17:57

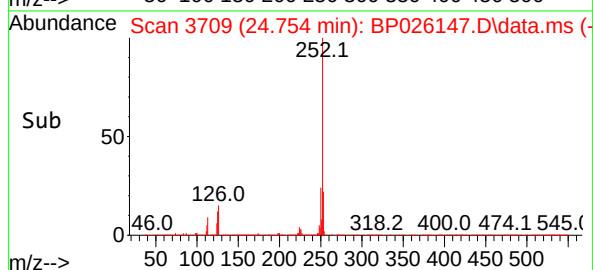
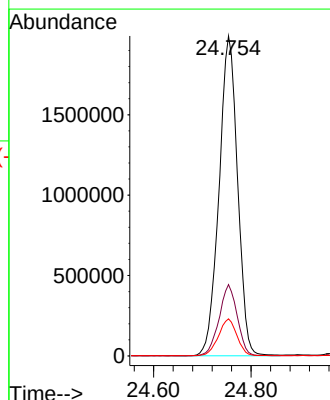
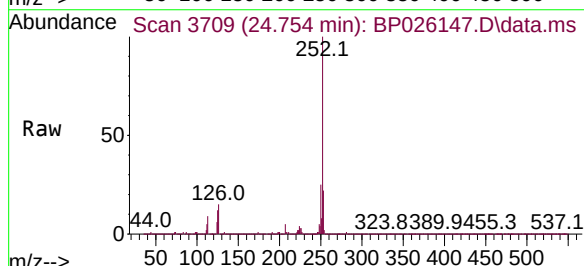
Tgt Ion:252 Resp: 5241553

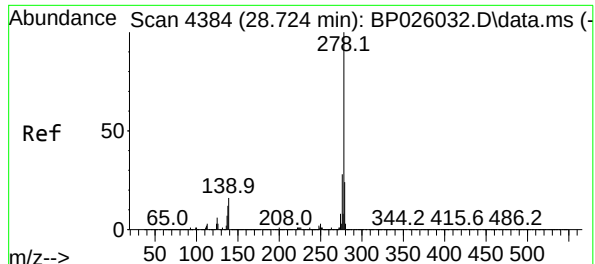
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

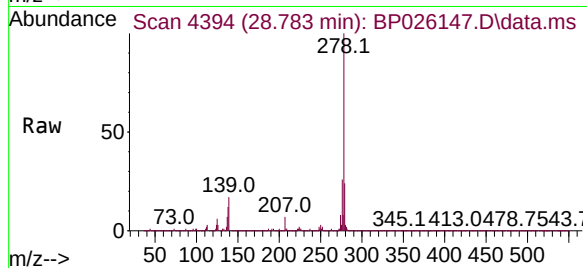
125 11.6 9.0 13.6





#91
Dibenzo(a,h)anthracene
Concen: 40.515 ng
RT: 28.783 min Scan# 4384
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

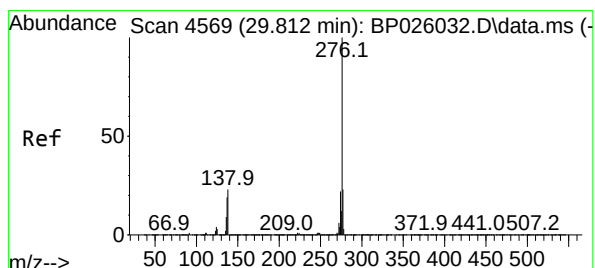
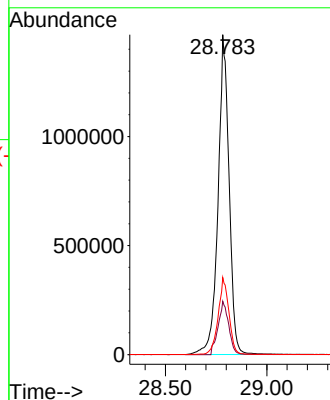
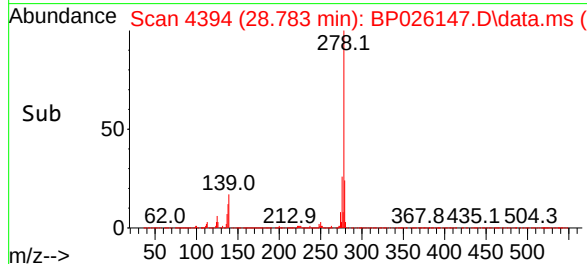
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



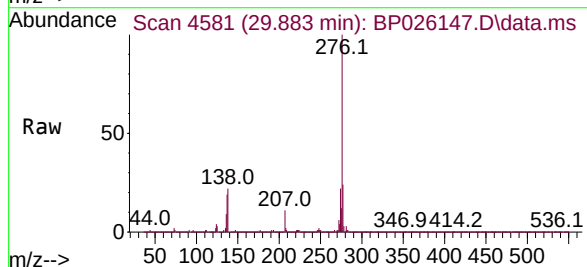
Tgt Ion:278 Resp: 5550506
Ion Ratio Lower Upper
278 100
139 16.7 13.2 19.8
279 24.1 19.2 28.8

Manual Integrations
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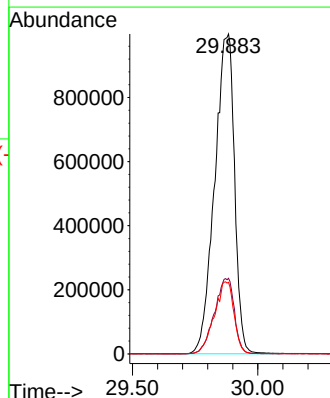
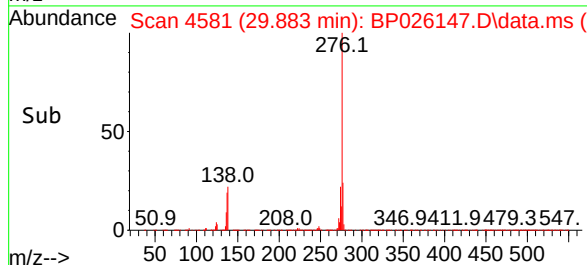
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#92
Benzo(g,h,i)perylene
Concen: 40.345 ng
RT: 29.883 min Scan# 4581
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57



Tgt Ion:276 Resp: 5486208
Ion Ratio Lower Upper
276 100
277 23.6 18.8 28.2
138 22.4 17.8 26.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
 Data File : BP026148.D
 Acq On : 18 Nov 2025 18:38
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC050

Quant Time: Nov 19 00:41:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 00:37:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.666	152	284760	20.000	ng	0.00
21) Naphthalene-d8	10.443	136	1214236	20.000	ng	0.00
39) Acenaphthene-d10	14.319	164	797553	20.000	ng	0.00
64) Phenanthrene-d10	17.125	188	1640808	20.000	ng	0.00
76) Chrysene-d12	21.583	240	1705823	20.000	ng	0.01
86) Perylene-d12	24.912	264	1916962	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.290	112	1787355	103.554	ng	0.00
7) Phenol-d6	6.849	99	2324244	106.156	ng	0.00
23) Nitrobenzene-d5	8.813	82	2130648	108.572	ng	0.00
42) 2,4,6-Tribromophenol	15.836	330	1046471	119.774	ng	0.00
45) 2-Fluorobiphenyl	12.925	172	5250598	94.988	ng	0.00
79) Terphenyl-d14	19.877	244	8280260	98.986	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.220	88	357043	49.304	ng	100
3) Pyridine	3.614	79	1057361	51.355	ng	99
4) n-Nitrosodimethylamine	3.525	42	393135	48.177	ng	95
6) Aniline	7.002	93	1522371	52.159	ng	99
8) 2-Chlorophenol	7.243	128	1033720	54.061	ng	100
9) Benzaldehyde	6.819	77	511940	46.418	ng	97
10) Phenol	6.878	94	1252505	51.731	ng	99
11) bis(2-Chloroethyl)ether	7.102	93	970673	50.634	ng	98
12) 1,3-Dichlorobenzene	7.560	146	1088080	49.825	ng	100
13) 1,4-Dichlorobenzene	7.708	146	1100252	49.770	ng	99
14) 1,2-Dichlorobenzene	8.019	146	1053763	49.909	ng	99
15) Benzyl Alcohol	7.907	79	849842	53.672	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.196	45	1369615	47.705	ng	99
17) 2-Methylphenol	8.107	107	855650	53.750	ng	100
18) Hexachloroethane	8.743	117	401949	52.632	ng	97
19) n-Nitroso-di-n-propyla...	8.472	70	739380	54.488	ng	99
20) 3+4-Methylphenols	8.437	107	1173430	53.045	ng	99
22) Acetophenone	8.484	105	1530333	49.988	ng	# 99
24) Nitrobenzene	8.855	77	1083333	52.708	ng	99
25) Isophorone	9.384	82	2155778	51.899	ng	100
26) 2-Nitrophenol	9.560	139	575059	81.975	ng	99
27) 2,4-Dimethylphenol	9.625	122	996274	56.199	ng	99
28) bis(2-Chloroethoxy)met...	9.860	93	1340577	51.133	ng	99
29) 2,4-Dichlorophenol	10.096	162	1002063	54.165	ng	99
30) 1,2,4-Trichlorobenzene	10.307	180	986319	49.160	ng	99
31) Naphthalene	10.496	128	3258341	49.431	ng	99
32) Benzoic acid	9.766	122	836318	78.248	ng	100
33) 4-Chloroaniline	10.596	127	1404875	54.856	ng	99
34) Hexachlorobutadiene	10.784	225	639671	49.818	ng	99
35) Caprolactam	11.384	113	356958	55.200	ng	98
36) 4-Chloro-3-methylphenol	11.731	107	1079361	55.785	ng	98
37) 2-Methylnaphthalene	12.107	142	2347741	50.940	ng	100
38) 1-Methylnaphthalene	12.325	142	2264098	50.528	ng	100
40) 1,2,4,5-Tetrachloroben...	12.484	216	1184632	47.999	ng	100
41) Hexachlorocyclopentadiene	12.472	237	789794	76.949	ng	99
43) 2,4,6-Trichlorophenol	12.719	196	837942	56.757	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
 Data File : BP026148.D
 Acq On : 18 Nov 2025 18:38
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC050

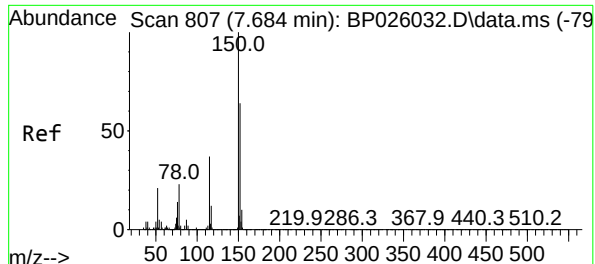
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 00:37:08 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.795	196	934561	55.717	ng	99
46) 1,1'-Biphenyl	13.131	154	2928877	48.177	ng	99
47) 2-Chloronaphthalene	13.172	162	2321684	48.576	ng	99
48) 2-Nitroaniline	13.372	65	669977	60.939	ng	96
49) Acenaphthylene	14.031	152	3873345	54.828	ng	100
50) Dimethylphthalate	13.766	163	2930655	50.746	ng	100
51) 2,6-Dinitrotoluene	13.878	165	622671	64.134	ng	98
52) Acenaphthene	14.384	154	2275322	48.135	ng	99
53) 3-Nitroaniline	14.213	138	725831	61.795	ng	97
54) 2,4-Dinitrophenol	14.419	184	372594	83.625	ng	95
55) Dibenzofuran	14.725	168	3514504	48.822	ng	99
56) 4-Nitrophenol	14.537	139	626548	53.593	ng	98
57) 2,4-Dinitrotoluene	14.684	165	925879	65.348	ng	99
58) Fluorene	15.389	166	2739619	48.440	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.954	232	791779	59.606	ng	100
60) Diethylphthalate	15.166	149	2976494	51.232	ng	100
61) 4-Chlorophenyl-phenyle...	15.389	204	1378247	48.888	ng	97
62) 4-Nitroaniline	15.401	138	734482	58.965	ng	100
63) Azobenzene	15.689	77	2549241	48.803	ng	99
65) 4,6-Dinitro-2-methylph...	15.460	198	539726	77.066	ng	98
66) n-Nitrosodiphenylamine	15.601	169	2501945	48.943	ng	100
67) 4-Bromophenyl-phenylether	16.295	248	906367	49.759	ng	98
68) Hexachlorobenzene	16.419	284	1044994	50.429	ng	98
69) Atrazine	16.584	200	954570	54.471	ng	98
70) Pentachlorophenol	16.772	266	733498	56.819	ng	99
71) Phenanthrene	17.172	178	4521516	47.698	ng	100
72) Anthracene	17.260	178	4603902	48.679	ng	100
73) Carbazole	17.542	167	4285462	48.149	ng	99
74) Di-n-butylphthalate	18.160	149	5349681	53.150	ng	100
75) Fluoranthene	19.266	202	5367252	48.317	ng	100
77) Benzidine	19.466	184	2691261	60.082	ng	99
78) Pyrene	19.648	202	5584319	49.020	ng	99
80) Butylbenzylphthalate	20.613	149	2508473	65.680	ng	98
81) Benzo(a)anthracene	21.560	228	5754455	49.402	ng	100
82) 3,3'-Dichlorobenzidine	21.483	252	2099346	54.722	ng	99
83) Chrysene	21.630	228	5399638	48.904	ng	99
84) Bis(2-ethylhexyl)phtha...	21.524	149	3735211	59.805	ng	99
85) Di-n-octyl phthalate	22.813	149	6624425	62.248	ng	100
87) Indeno(1,2,3-cd)pyrene	28.706	276	7108078	50.540	ng	# 95
88) Benzo(b)fluoranthene	23.871	252	5855690	49.795	ng	99
89) Benzo(k)fluoranthene	23.942	252	5812408	48.345	ng	99
90) Benzo(a)pyrene	24.771	252	5498511	50.567	ng	99
91) Dibenzo(a,h)anthracene	28.777	278	5794869	50.535	ng	99
92) Benzo(g,h,i)perylene	29.865	276	5679489	51.276	ng	99

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

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

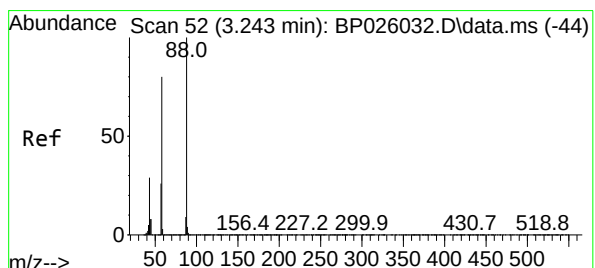
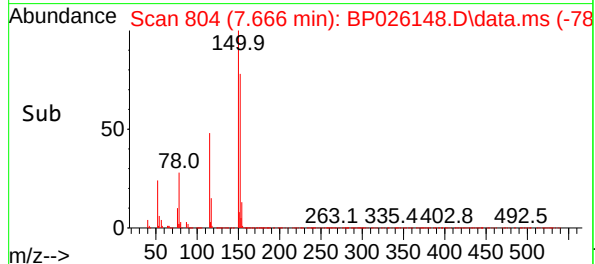
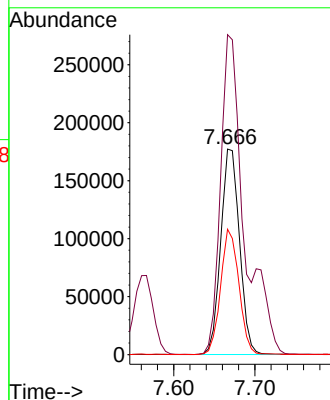
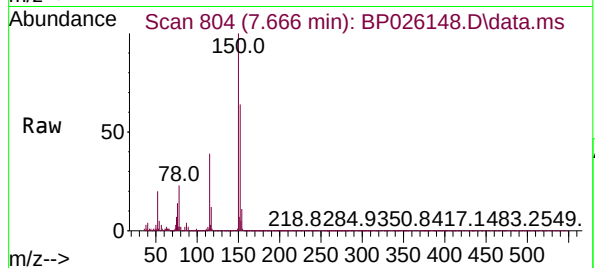
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.666 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

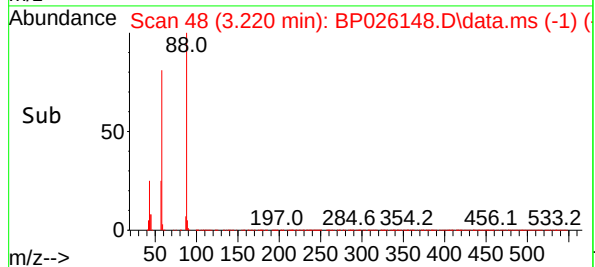
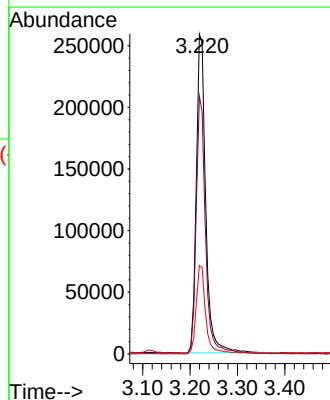
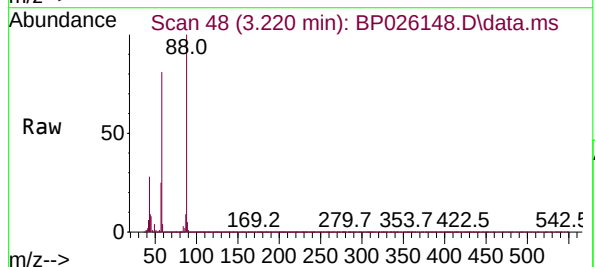
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ClientSampleId :
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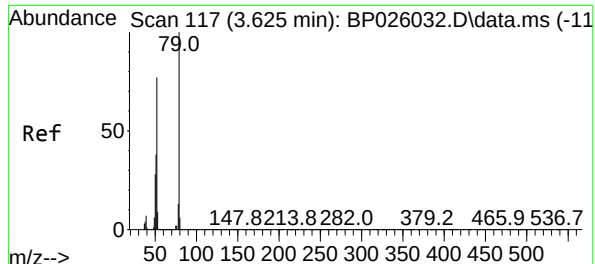
Tgt Ion:152 Resp: 284760
Ion Ratio Lower Upper
152 100
150 155.6 123.0 184.6
115 61.0 46.3 69.5



#2
1,4-Dioxane
Concen: 49.304 ng
RT: 3.220 min Scan# 48
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion: 88 Resp: 357043
Ion Ratio Lower Upper
88 100
58 80.2 64.2 96.4
43 27.0 21.5 32.3





#3

Pyridine

Concen: 51.355 ng

RT: 3.614 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

Instrument :

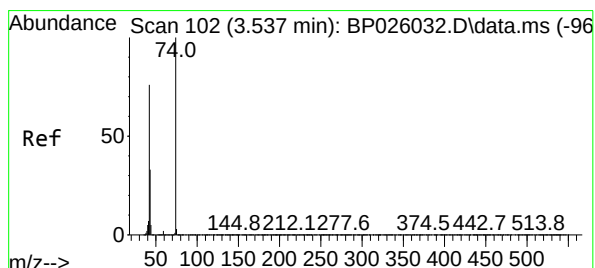
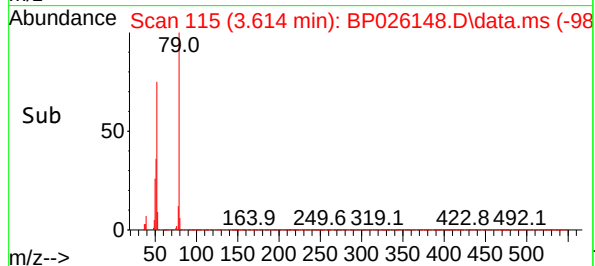
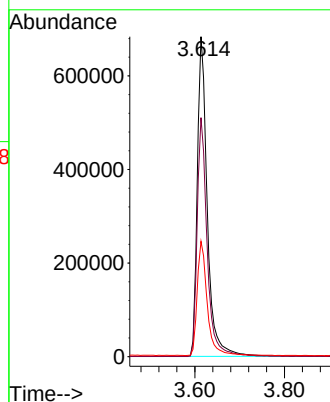
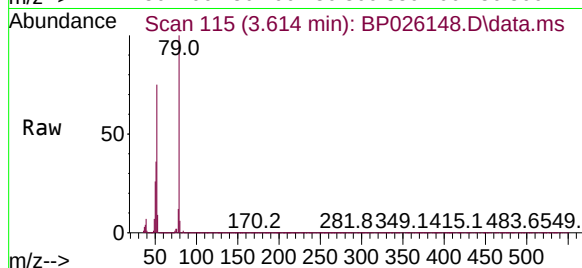
BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion: 79 Resp: 1057361

Ion	Ratio	Lower	Upper
79	100		
52	74.7	60.2	90.2
51	36.0	29.5	44.3



#4

n-Nitrosodimethylamine

Concen: 48.177 ng

RT: 3.525 min Scan# 100

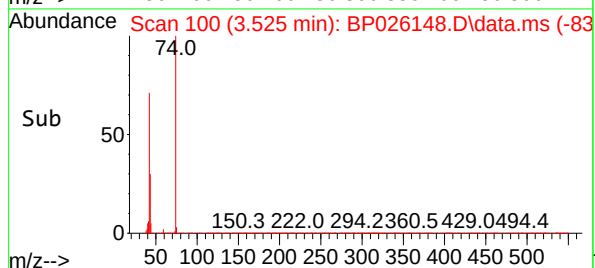
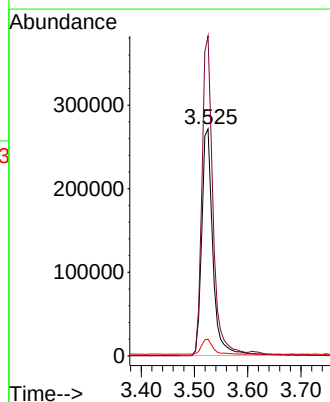
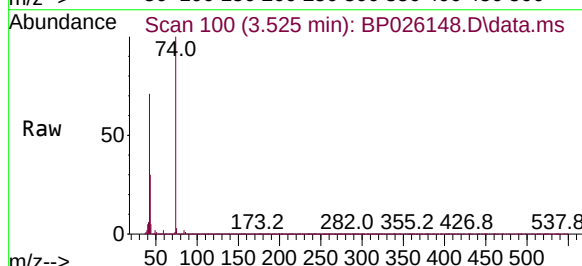
Delta R.T. 0.000 min

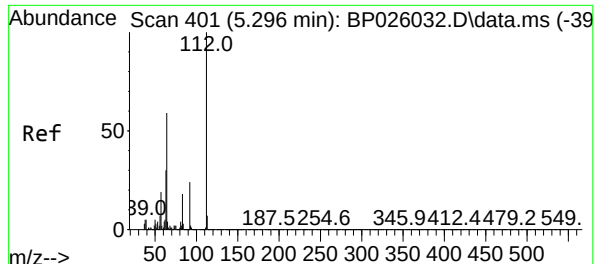
Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

Tgt Ion: 42 Resp: 393135

Ion	Ratio	Lower	Upper
42	100		
74	141.0	118.1	177.1
44	7.4	6.2	9.4

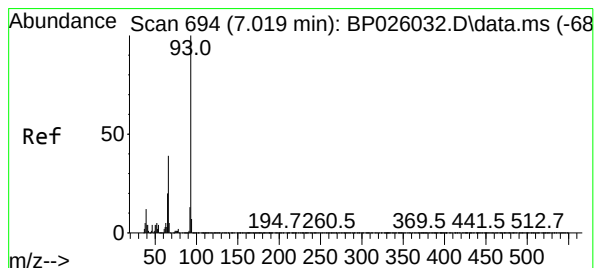
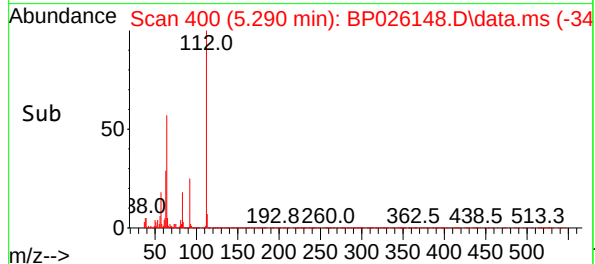
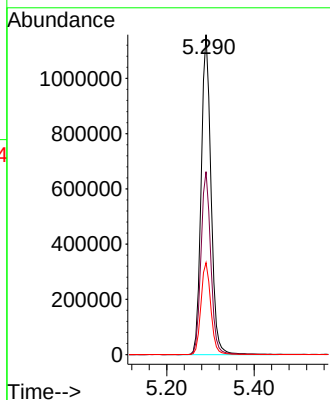
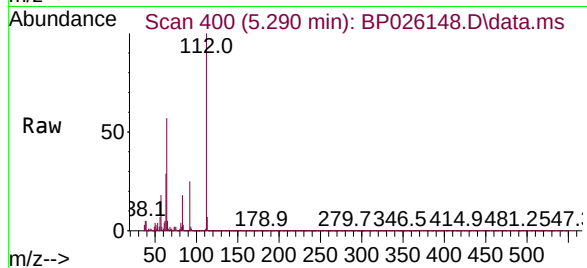




#5
2-Fluorophenol
Concen: 103.554 ng
RT: 5.290 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

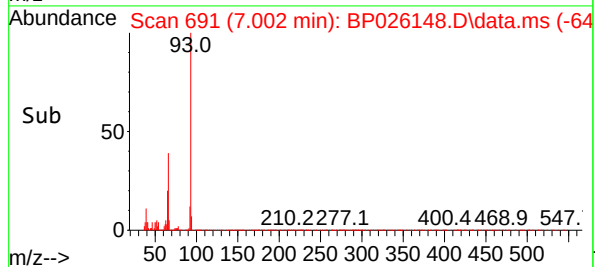
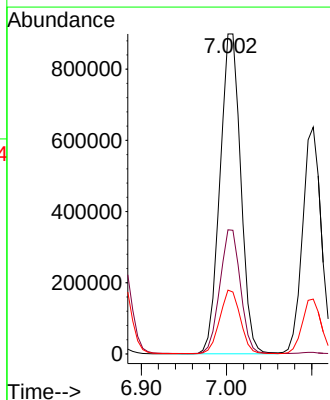
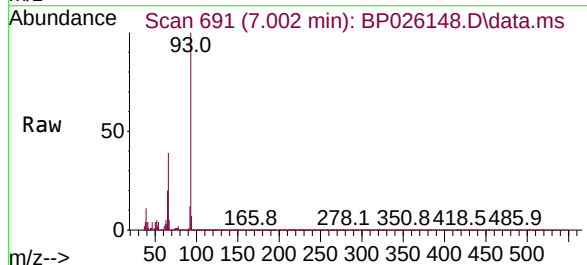
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

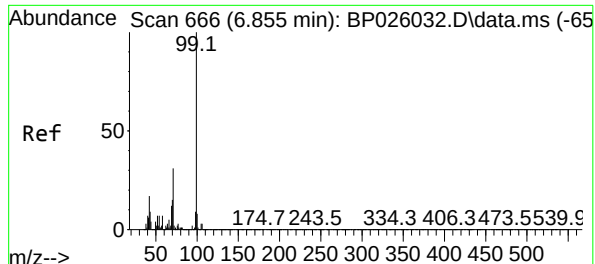
Tgt Ion:112 Resp: 1787355
Ion Ratio Lower Upper
112 100
64 57.2 45.8 68.6
63 28.8 23.5 35.3



#6
Aniline
Concen: 52.159 ng
RT: 7.002 min Scan# 691
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

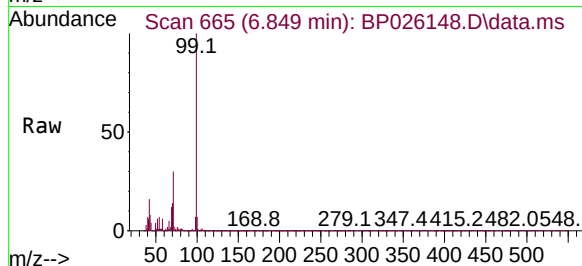
Tgt Ion: 93 Resp: 1522371
Ion Ratio Lower Upper
93 100
66 38.8 31.7 47.5
65 19.9 15.8 23.6





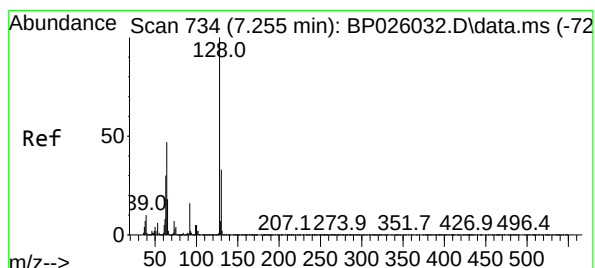
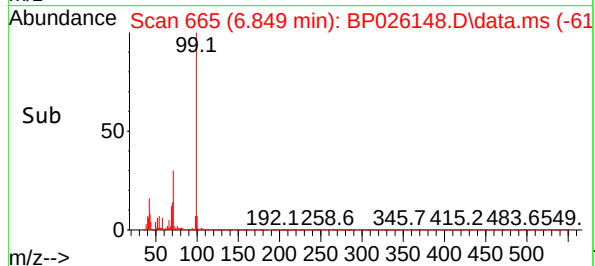
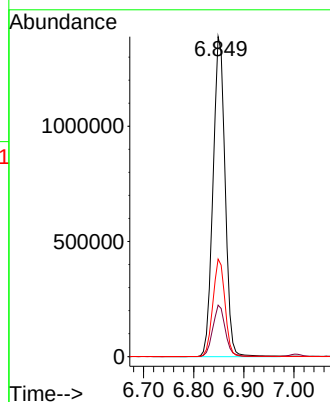
#7
Phenol-d6
Concen: 106.156 ng
RT: 6.849 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion: 99 Resp: 2324244

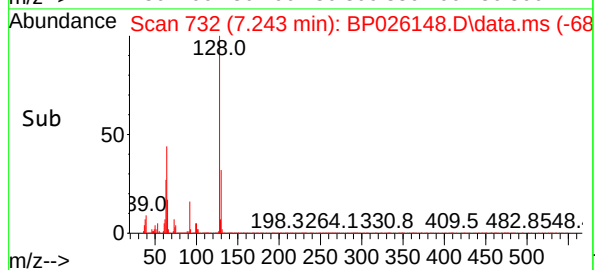
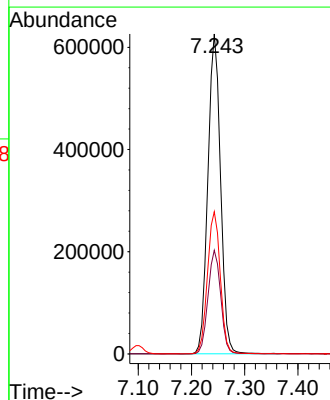
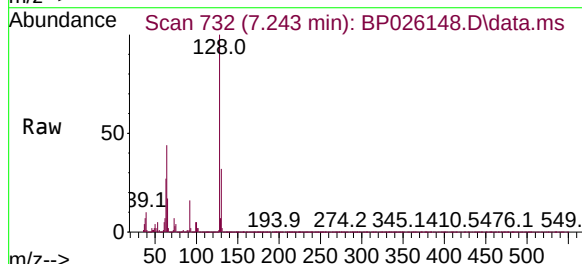
Ion	Ratio	Lower	Upper
99	100		
42	16.1	12.9	19.3
71	30.5	24.8	37.2

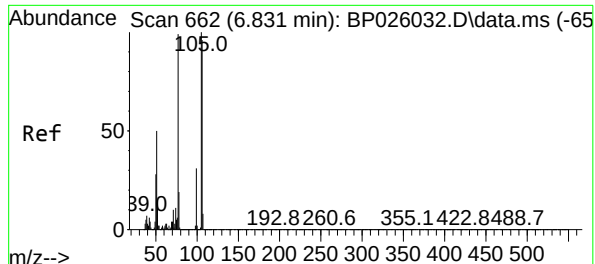


#8
2-Chlorophenol
Concen: 54.061 ng
RT: 7.243 min Scan# 732
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:128 Resp: 1033720

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.4	52.4
64	44.4	23.9	63.9

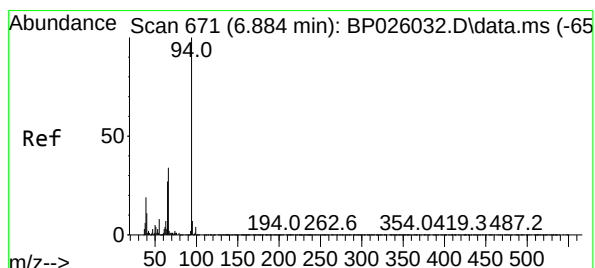
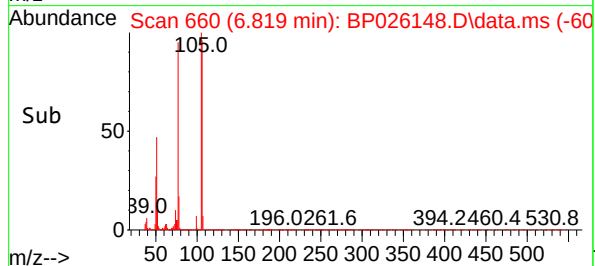
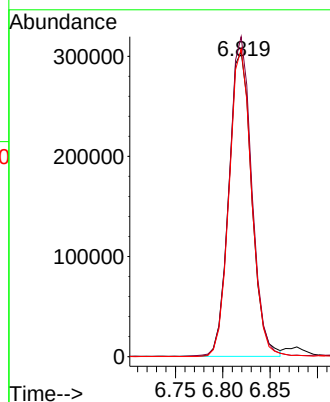
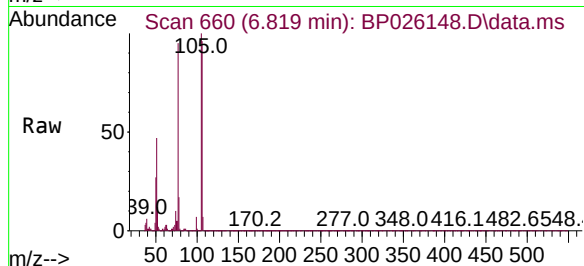




#9
Benzaldehyde
Concen: 46.418 ng
RT: 6.819 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

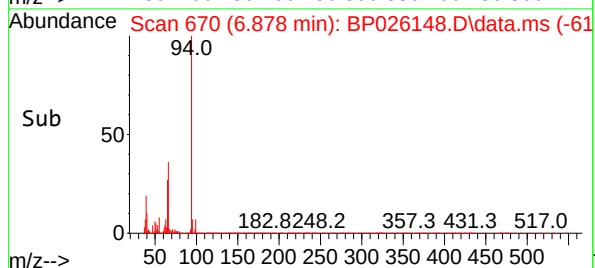
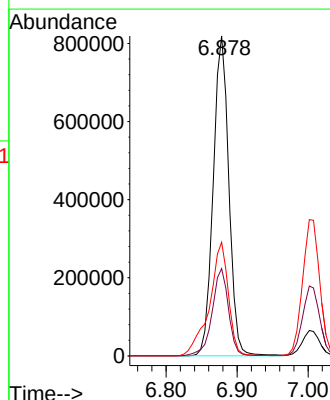
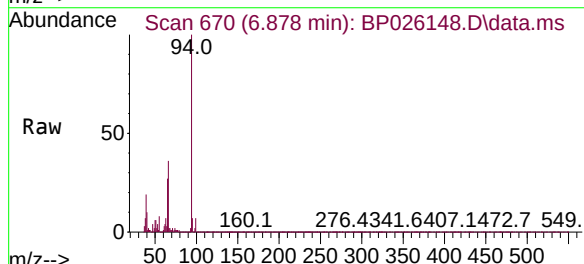
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

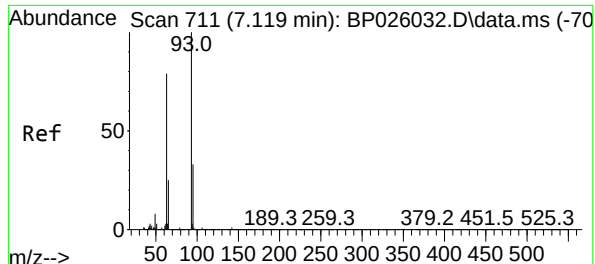
Tgt Ion: 77 Resp: 511940
Ion Ratio Lower Upper
77 100
105 105.0 82.9 122.9
106 101.0 77.8 117.8



#10
Phenol
Concen: 51.731 ng
RT: 6.878 min Scan# 670
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion: 94 Resp: 1252505
Ion Ratio Lower Upper
94 100
65 27.3 7.0 47.0
66 35.5 14.5 54.5





#11

bis(2-Chloroethyl)ether

Concen: 50.634 ng

RT: 7.102 min Scan# 70

Delta R.T. 0.006 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

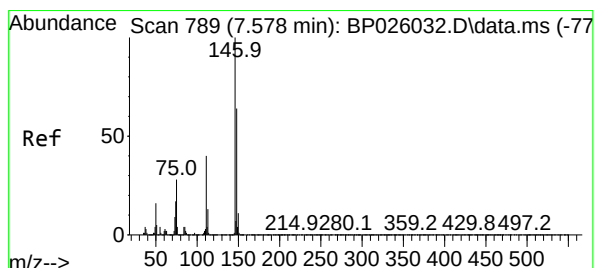
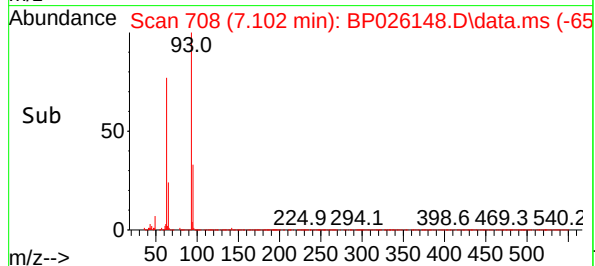
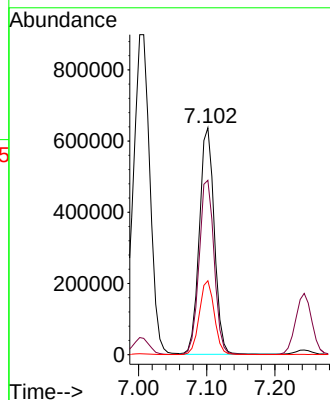
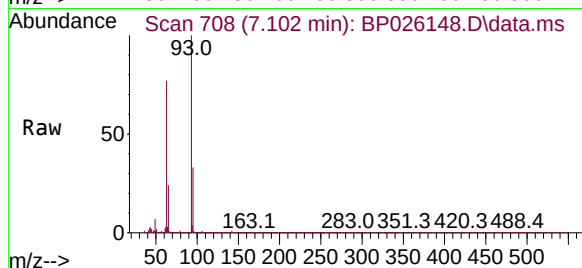
Tgt Ion: 93 Resp: 970673

Ion Ratio Lower Upper

93 100

63 76.9 58.8 98.8

95 32.6 12.1 52.1



#12

1,3-Dichlorobenzene

Concen: 49.825 ng

RT: 7.560 min Scan# 786

Delta R.T. -0.006 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

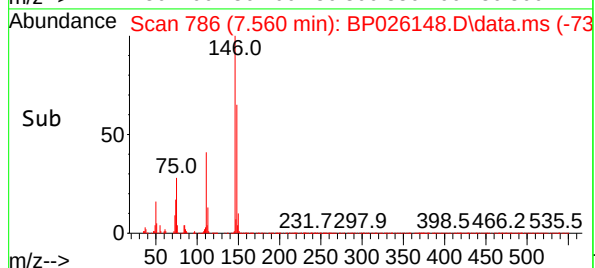
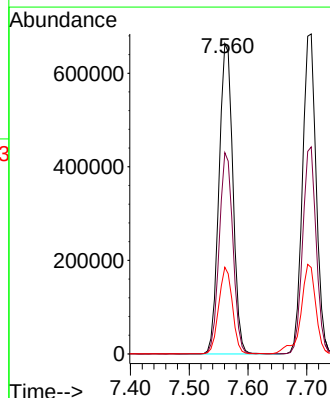
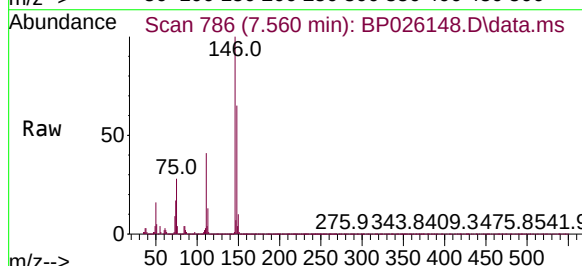
Tgt Ion:146 Resp: 1088080

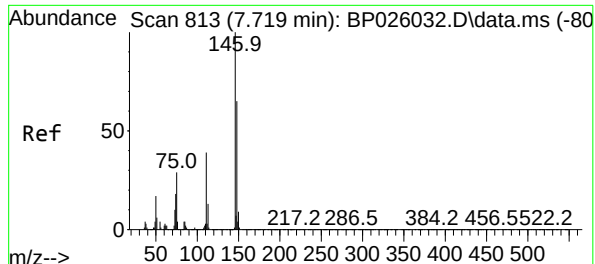
Ion Ratio Lower Upper

146 100

148 64.8 51.8 77.8

75 27.9 22.2 33.2





#13

1,4-Dichlorobenzene

Concen: 49.770 ng

RT: 7.708 min Scan# 81

Delta R.T. 0.006 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

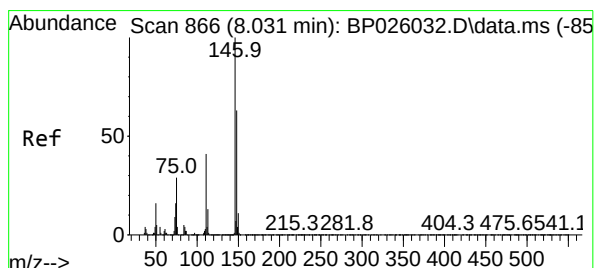
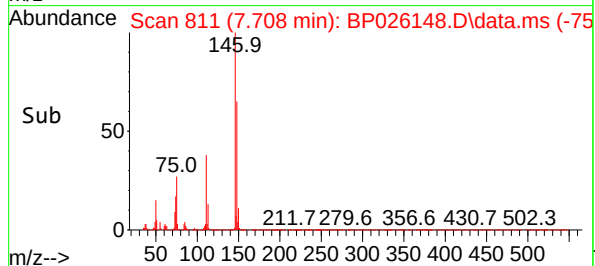
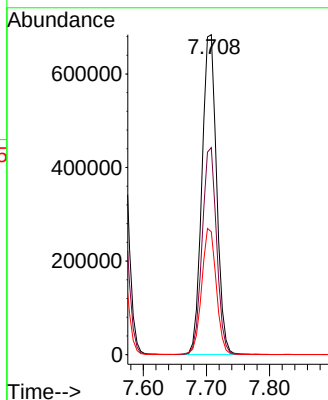
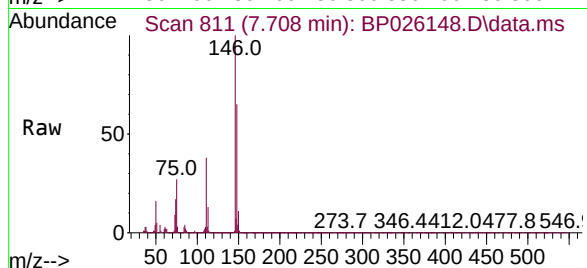
Tgt Ion:146 Resp: 1100252

Ion Ratio Lower Upper

146 100

148 64.7 51.4 77.2

111 38.4 31.7 47.5



#14

1,2-Dichlorobenzene

Concen: 49.909 ng

RT: 8.019 min Scan# 864

Delta R.T. 0.006 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

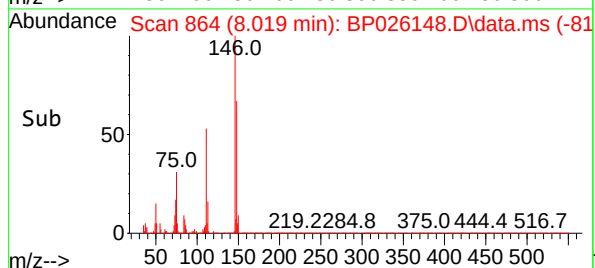
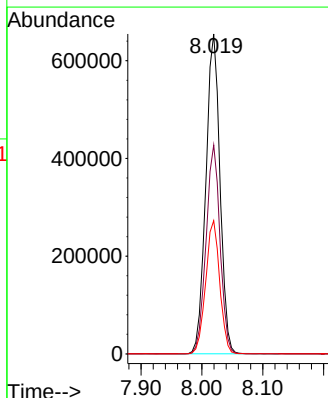
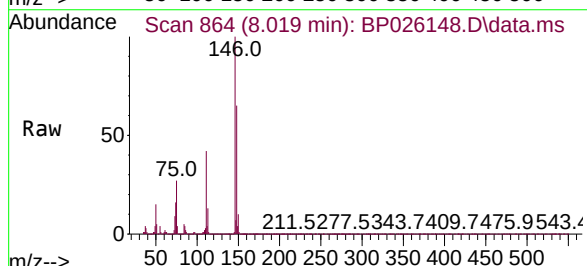
Tgt Ion:146 Resp: 1053763

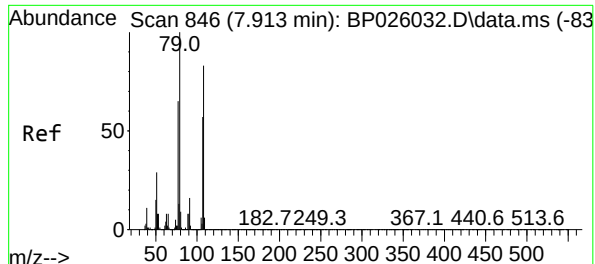
Ion Ratio Lower Upper

146 100

148 65.3 51.0 76.6

111 41.6 33.0 49.4





#15

Benzyl Alcohol

Concen: 53.672 ng

RT: 7.907 min Scan# 84

Delta R.T. 0.000 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

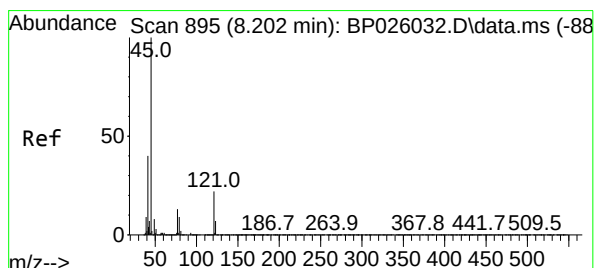
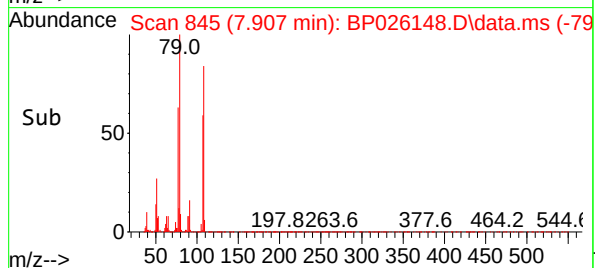
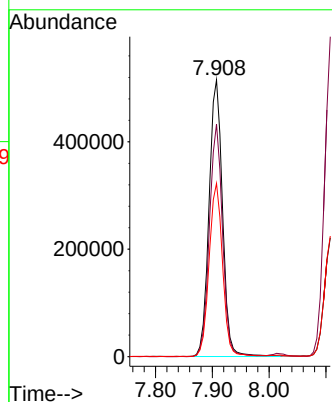
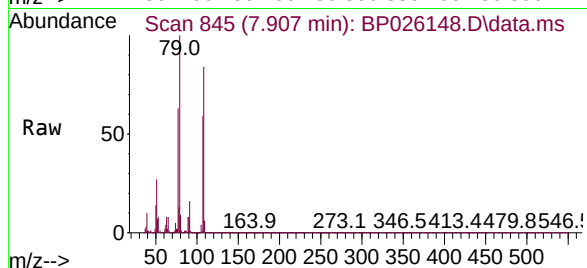
Tgt Ion: 79 Resp: 849842

Ion Ratio Lower Upper

79 100

108 84.1 66.2 99.4

77 62.6 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.705 ng

RT: 8.196 min Scan# 894

Delta R.T. 0.000 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

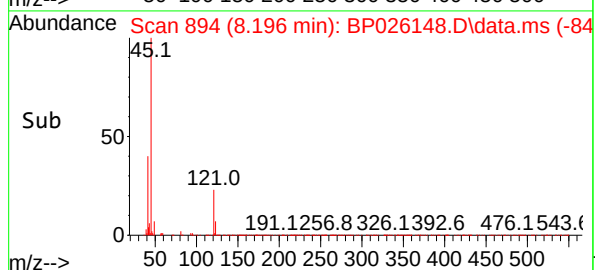
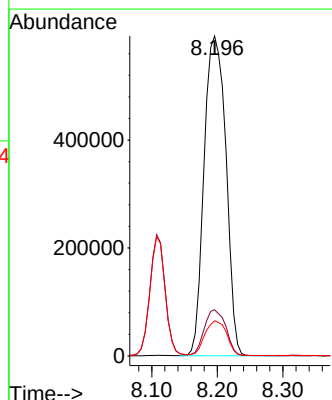
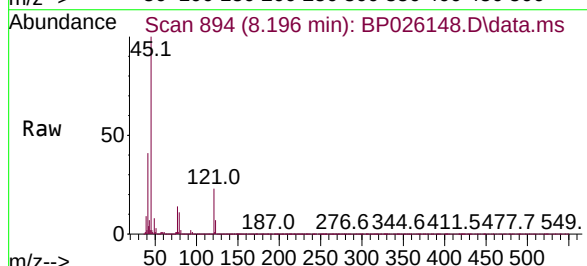
Tgt Ion: 45 Resp: 1369615

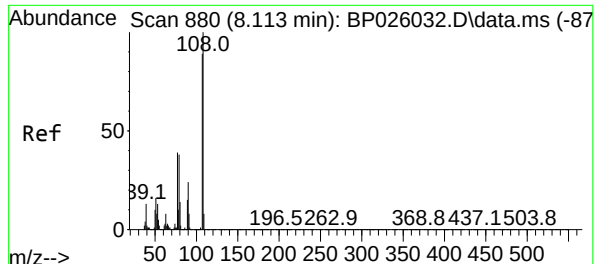
Ion Ratio Lower Upper

45 100

77 14.4 0.0 33.9

79 11.0 0.0 30.4

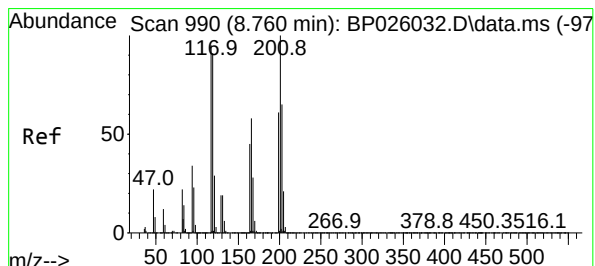
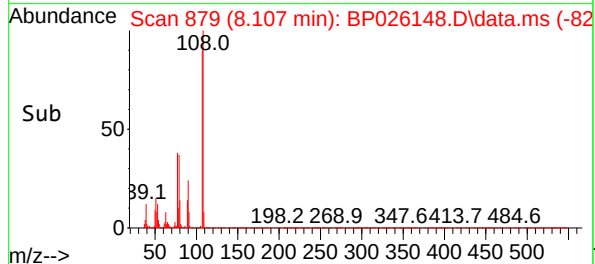
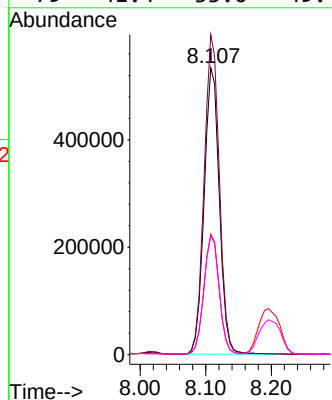
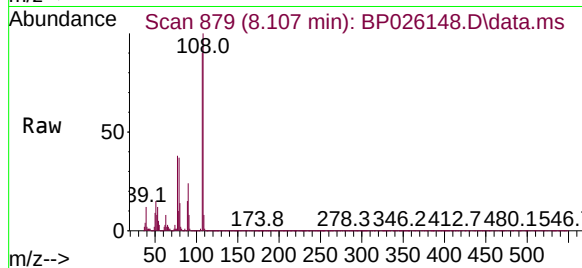




#17
2-Methylphenol
Concen: 53.750 ng
RT: 8.107 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

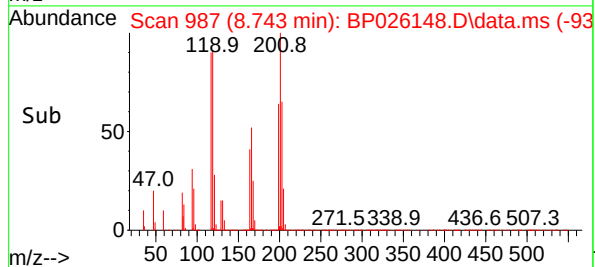
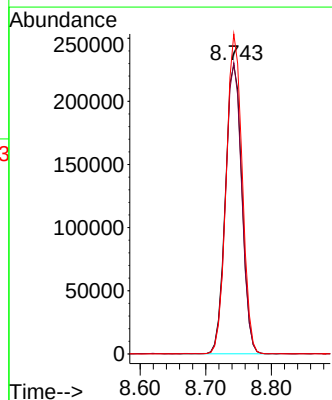
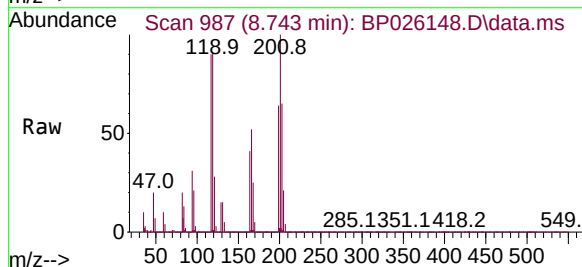
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

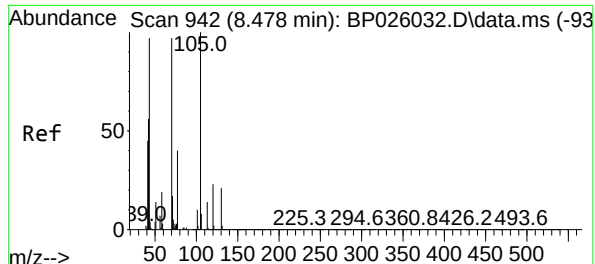
Tgt Ion:107 Resp: 855650
Ion Ratio Lower Upper
107 100
108 111.6 89.7 134.5
77 42.1 33.9 50.9
79 41.4 33.0 49.4



#18
Hexachloroethane
Concen: 52.632 ng
RT: 8.743 min Scan# 987
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:117 Resp: 401949
Ion Ratio Lower Upper
117 100
119 100.7 78.7 118.1
201 110.7 85.1 127.7

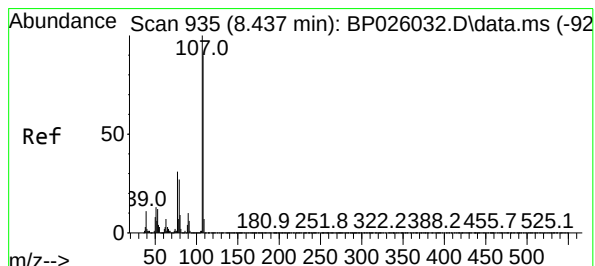
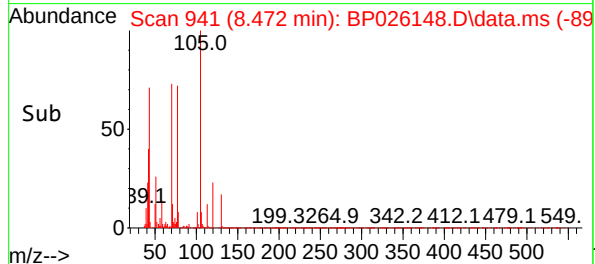
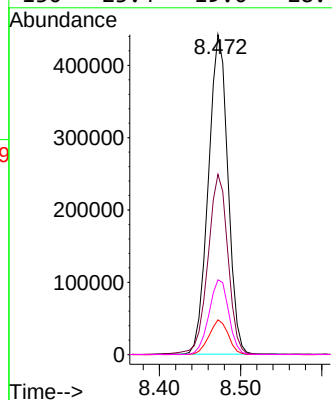
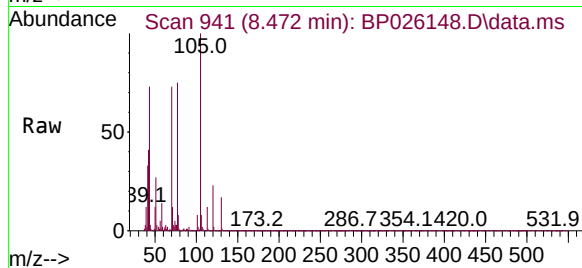




#19
n-Nitroso-di-n-propylamine
Concen: 54.488 ng
RT: 8.472 min Scan# 941
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

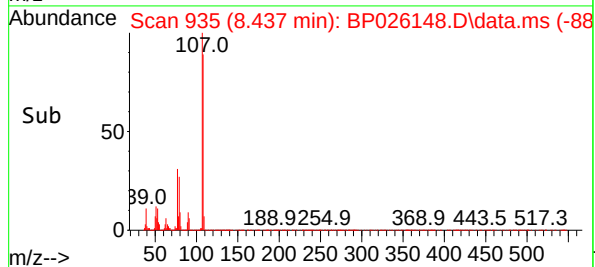
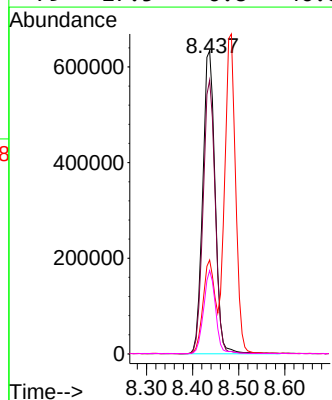
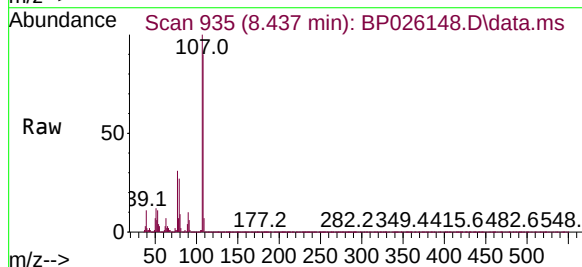
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

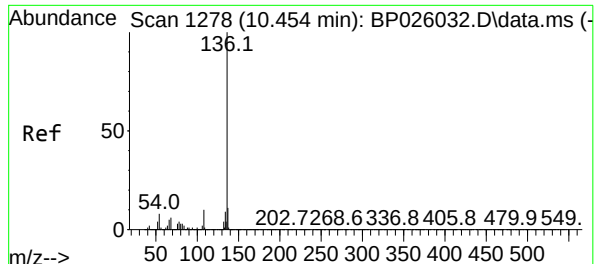
Tgt Ion:	70	Resp:	739380
Ion	Ratio	Lower	Upper
70	100		
42	56.3	44.1	66.1
101	10.9	8.2	12.4
130	23.4	19.0	28.4



#20
3+4-Methylphenols
Concen: 53.045 ng
RT: 8.437 min Scan# 935
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:	107	Resp:	1173430
Ion	Ratio	Lower	Upper
107	100		
108	90.3	68.9	108.9
77	31.0	10.4	50.4
79	27.5	6.8	46.8

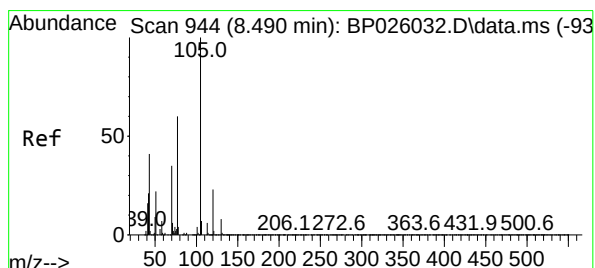
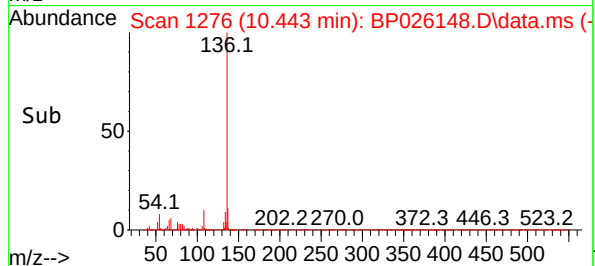
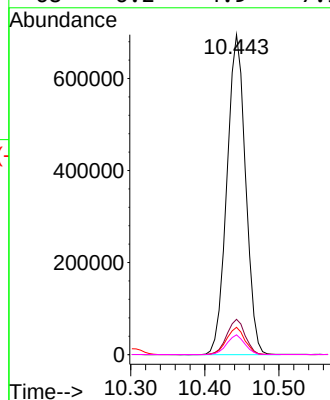
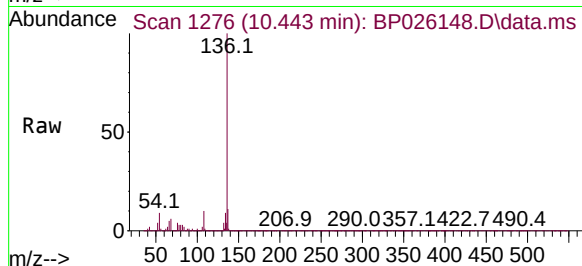




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.443 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

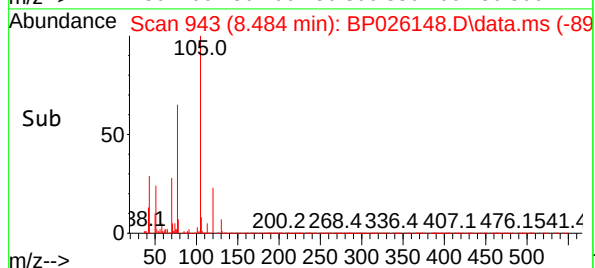
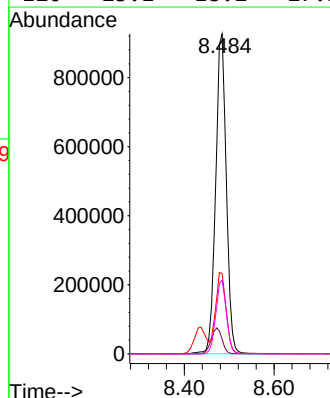
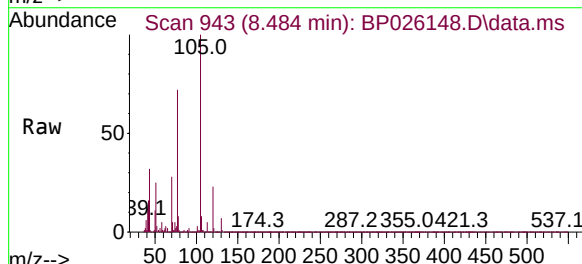
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

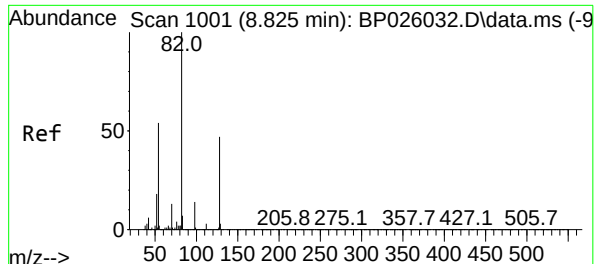
Tgt Ion:136 Resp: 1214236
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 8.5 6.4 9.6
68 6.2 4.9 7.3



#22
Acetophenone
Concen: 49.988 ng
RT: 8.484 min Scan# 943
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:105 Resp: 1530333
Ion Ratio Lower Upper
105 100
71 4.6 3.0 4.4#
51 25.1 20.5 30.7
120 23.1 18.2 27.2





#23

Nitrobenzene-d5

Concen: 108.572 ng

RT: 8.813 min Scan# 99

Delta R.T. 0.000 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

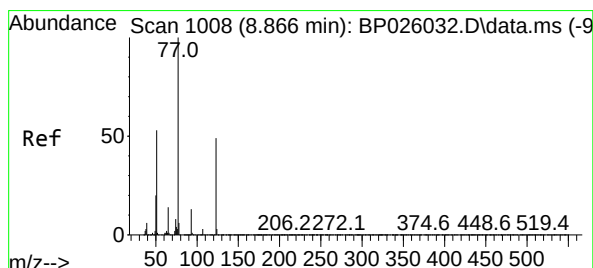
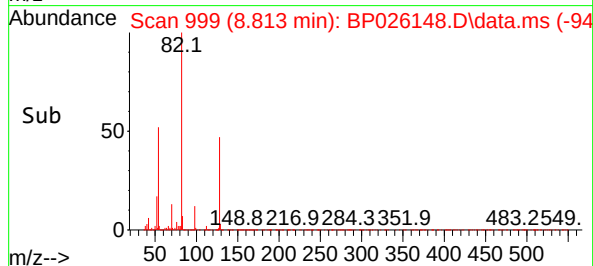
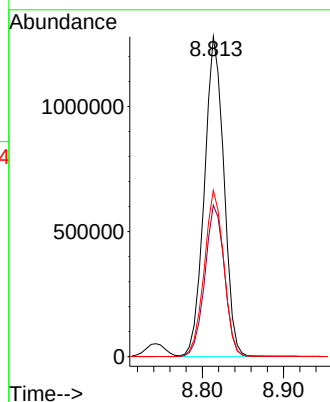
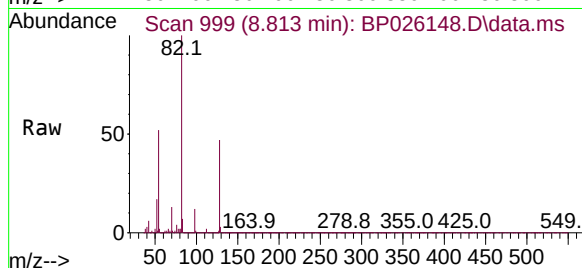
Tgt Ion: 82 Resp: 2130648

Ion Ratio Lower Upper

82 100

128 47.3 37.4 56.0

54 52.0 41.6 62.4



#24

Nitrobenzene

Concen: 52.708 ng

RT: 8.855 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

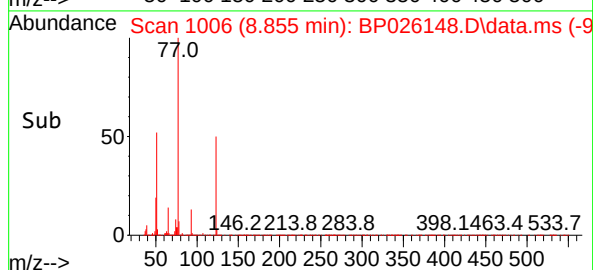
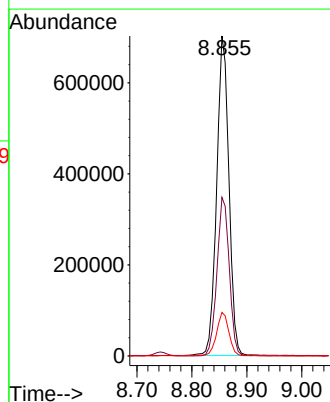
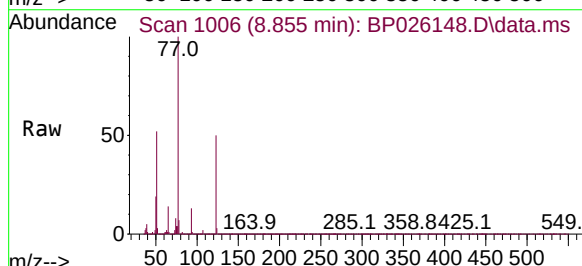
Tgt Ion: 77 Resp: 1083333

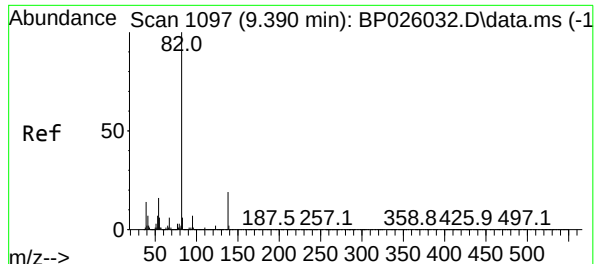
Ion Ratio Lower Upper

77 100

123 49.5 39.8 59.8

65 13.6 11.2 16.8

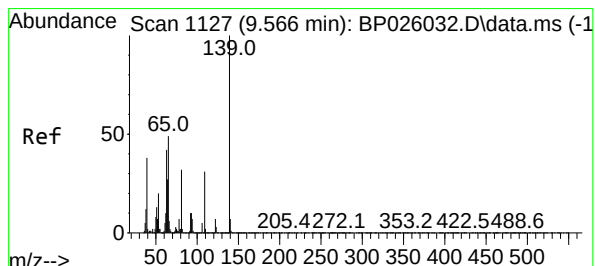
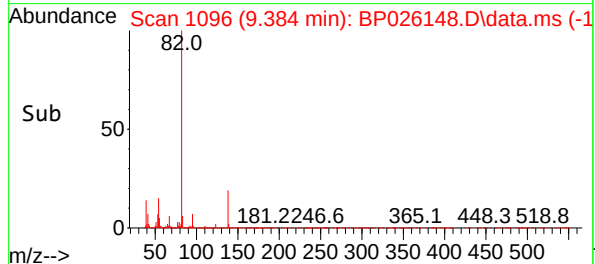
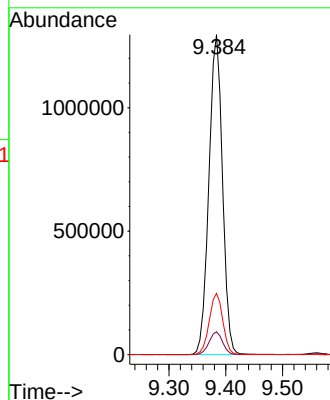
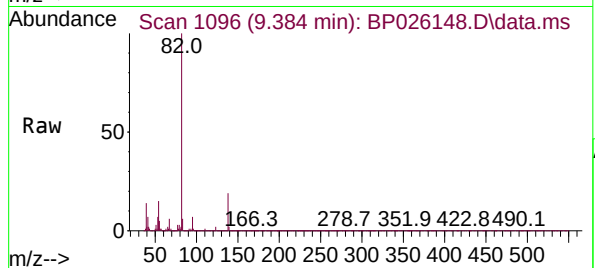




#25
Isophorone
Concen: 51.899 ng
RT: 9.384 min Scan# 1096
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

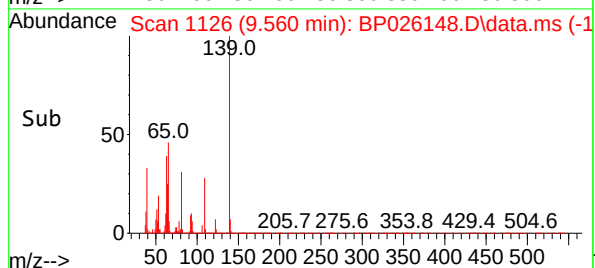
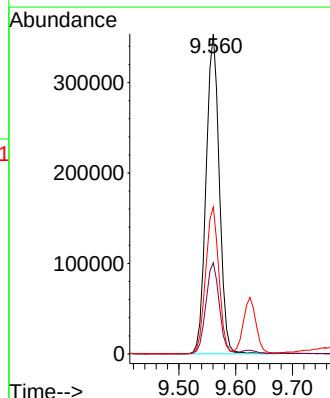
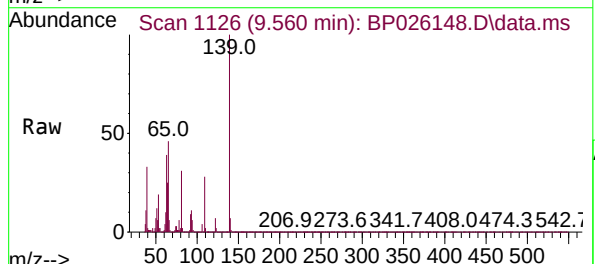
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

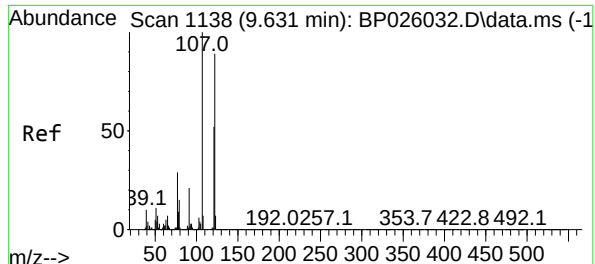
Tgt Ion: 82 Resp: 2155778
Ion Ratio Lower Upper
82 100
95 7.1 5.4 8.0
138 19.1 15.4 23.0



#26
2-Nitrophenol
Concen: 81.975 ng
RT: 9.560 min Scan# 1126
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion: 139 Resp: 575059
Ion Ratio Lower Upper
139 100
109 28.5 22.3 33.5
65 45.9 37.2 55.8





#27

2,4-Dimethylphenol

Concen: 56.199 ng

RT: 9.625 min Scan# 1137

Delta R.T. 0.000 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

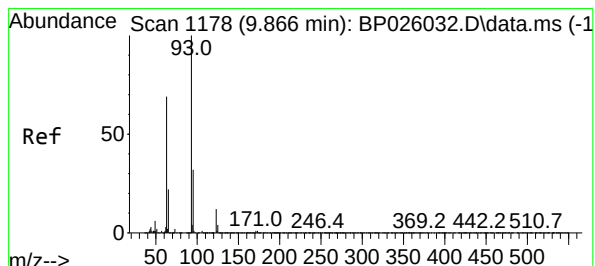
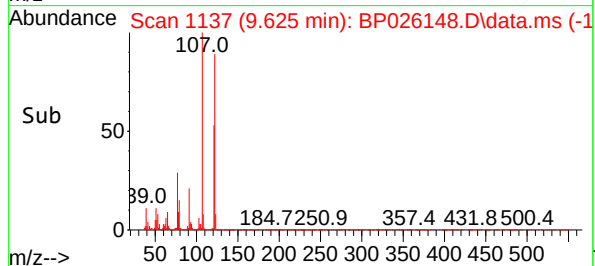
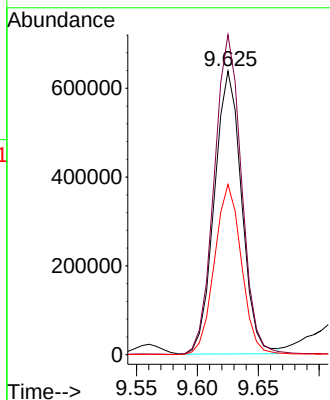
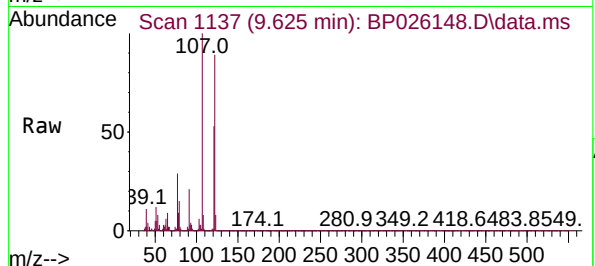
Tgt Ion:122 Resp: 996274

Ion Ratio Lower Upper

122 100

107 112.9 91.0 136.6

121 60.1 47.0 70.6



#28

bis(2-Chloroethoxy)methane

Concen: 51.133 ng

RT: 9.860 min Scan# 1177

Delta R.T. 0.000 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

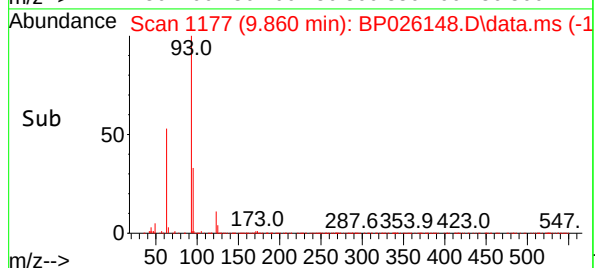
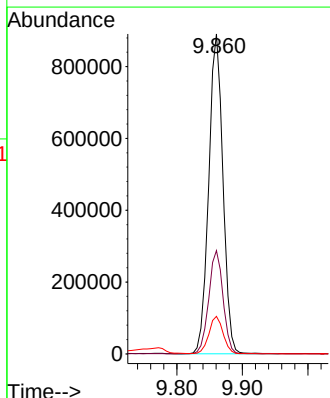
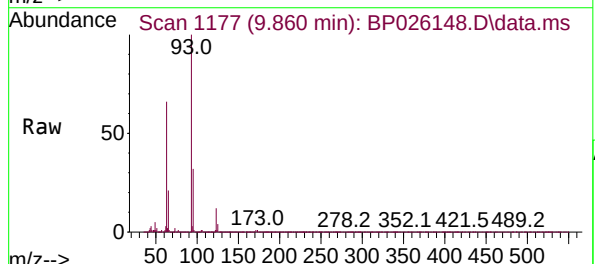
Tgt Ion: 93 Resp: 1340577

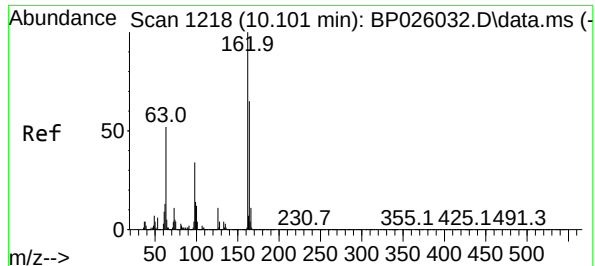
Ion Ratio Lower Upper

93 100

95 32.3 26.4 39.6

123 11.7 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 54.165 ng

RT: 10.096 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

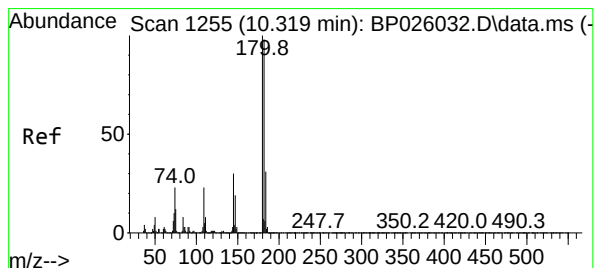
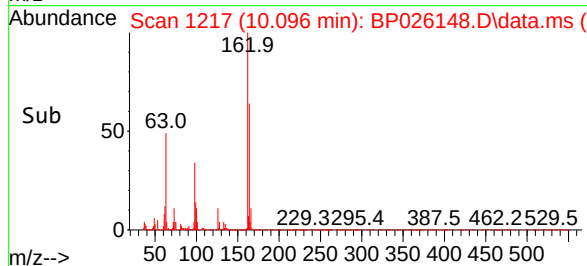
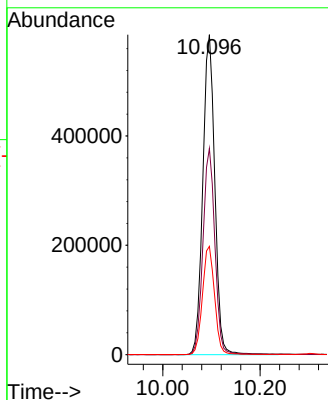
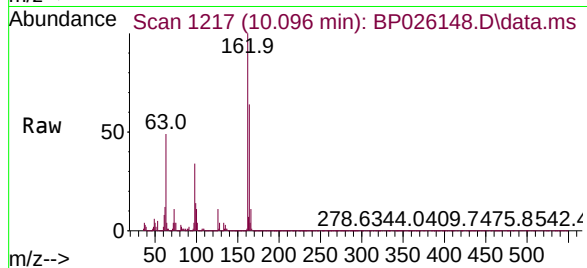
Tgt Ion:162 Resp: 1002063

Ion Ratio Lower Upper

162 100

164 64.4 43.8 83.8

98 33.8 14.1 54.1



#30

1,2,4-Trichlorobenzene

Concen: 49.160 ng

RT: 10.307 min Scan# 1253

Delta R.T. 0.000 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

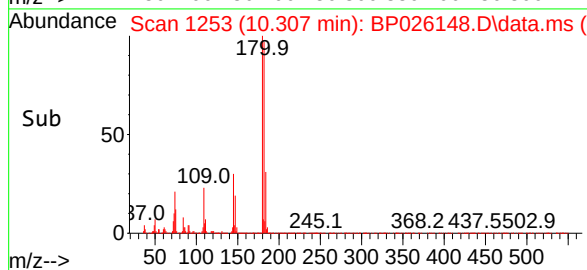
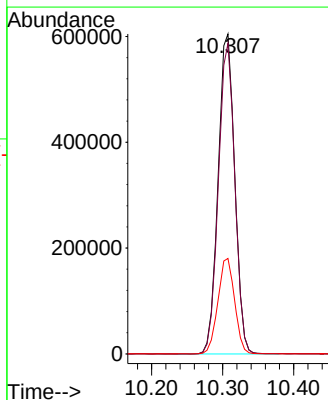
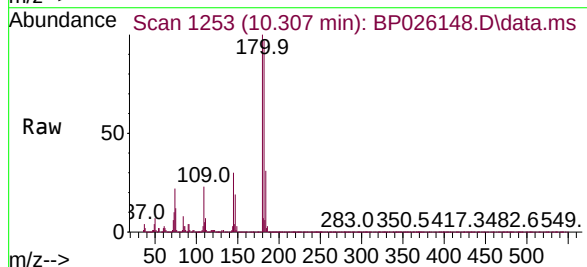
Tgt Ion:180 Resp: 986319

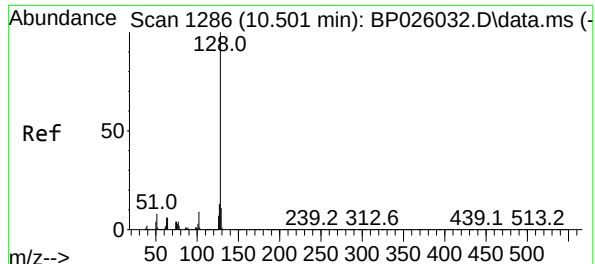
Ion Ratio Lower Upper

180 100

182 97.0 78.1 117.1

145 29.8 24.2 36.4





#31

Naphthalene

Concen: 49.431 ng

RT: 10.496 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

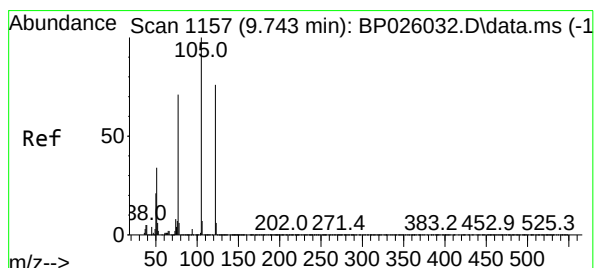
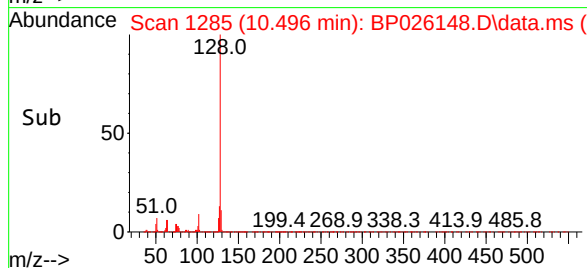
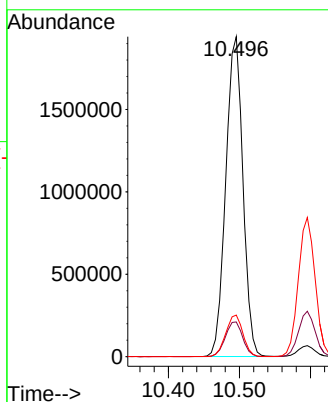
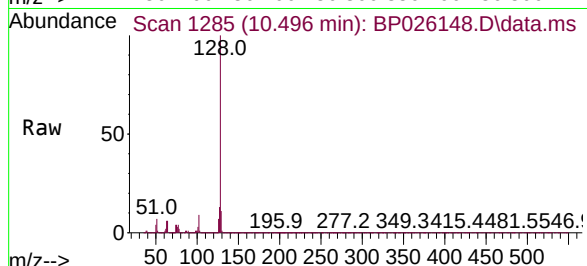
Tgt Ion:128 Resp: 3258341

Ion Ratio Lower Upper

128 100

129 10.8 9.0 13.6

127 13.0 10.2 15.4



#32

Benzoic acid

Concen: 78.248 ng

RT: 9.766 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

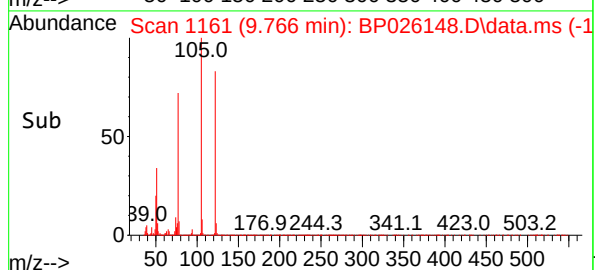
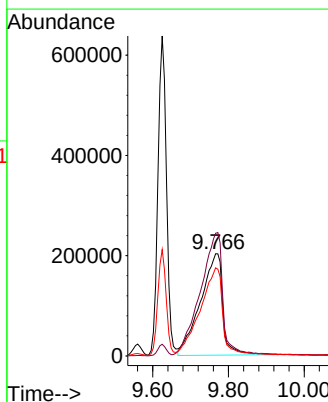
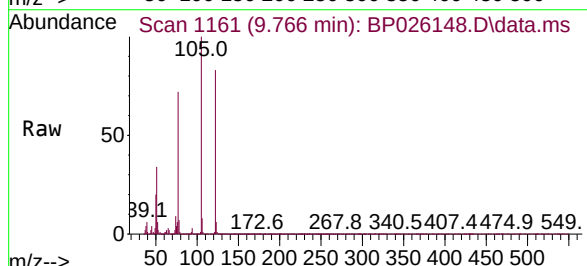
Tgt Ion:122 Resp: 836318

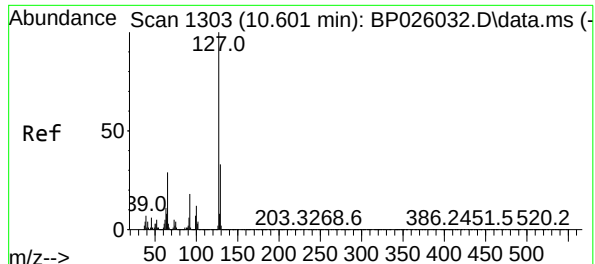
Ion Ratio Lower Upper

122 100

105 120.1 100.1 140.1

77 86.2 66.7 106.7

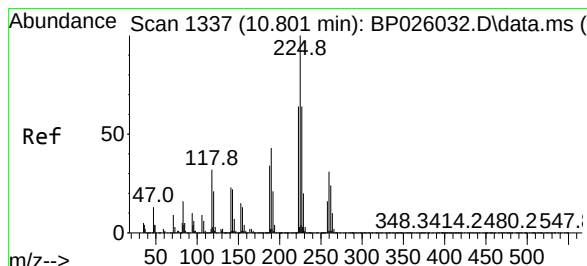
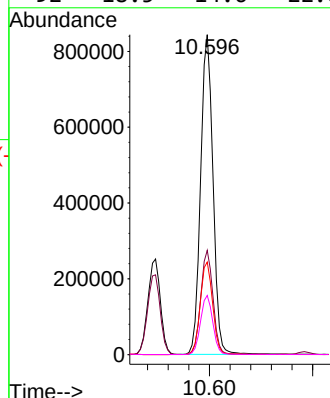
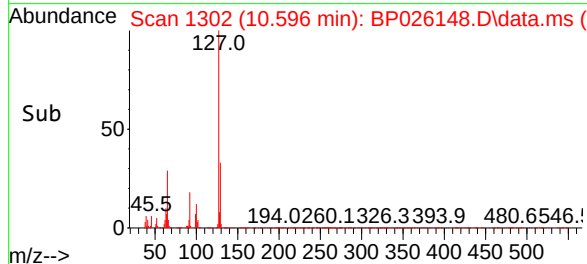
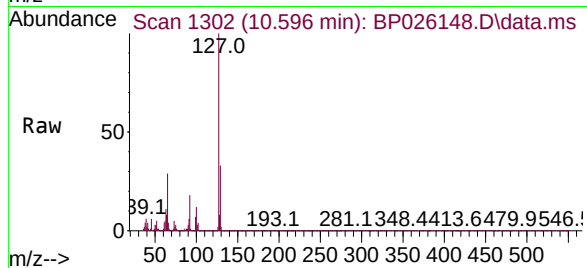




#33
4-Chloroaniline
Concen: 54.856 ng
RT: 10.596 min Scan# 1302
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

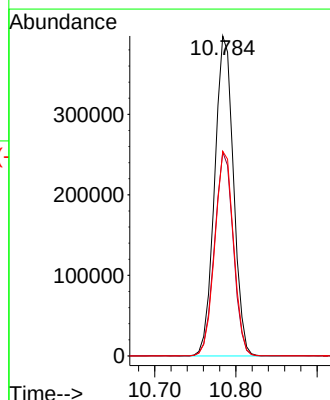
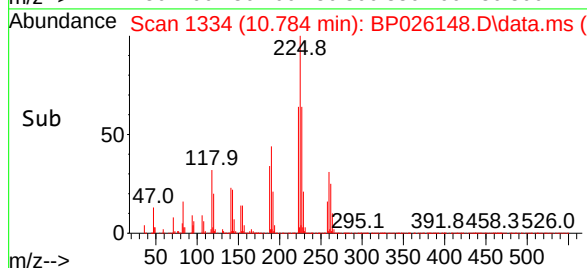
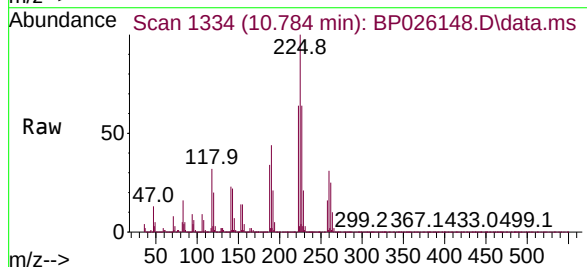
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

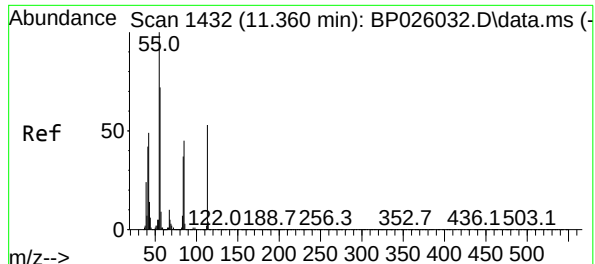
Tgt Ion:127 Resp: 1404875
Ion Ratio Lower Upper
127 100
129 32.6 25.8 38.8
65 28.9 22.7 34.1
92 18.5 14.6 22.0



#34
Hexachlorobutadiene
Concen: 49.818 ng
RT: 10.784 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:225 Resp: 639671
Ion Ratio Lower Upper
225 100
223 63.7 49.6 74.4
227 63.9 51.2 76.8

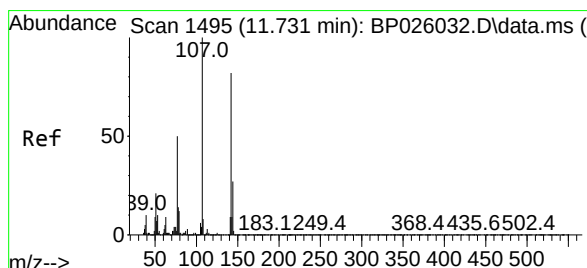
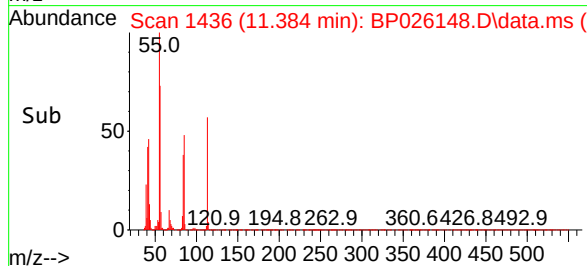
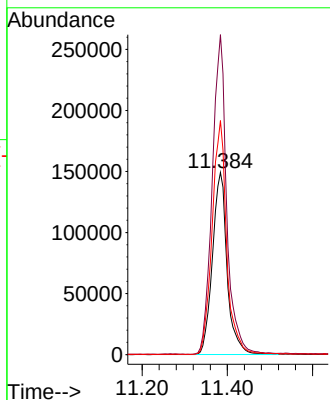
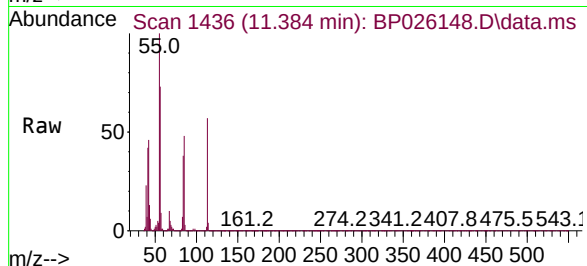




#35
Caprolactam
Concen: 55.200 ng
RT: 11.384 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

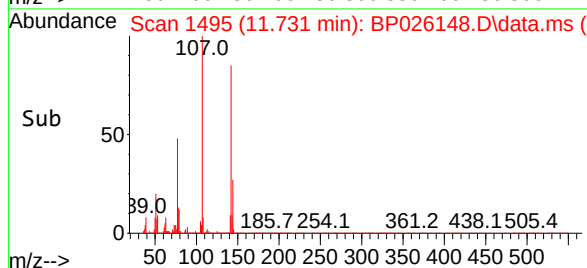
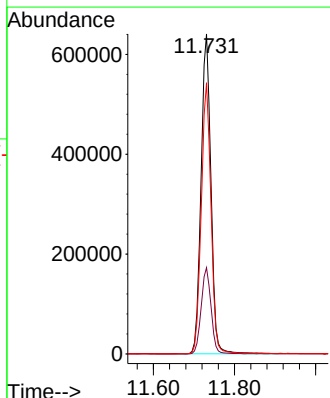
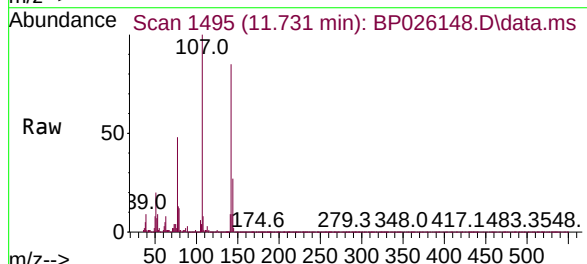
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

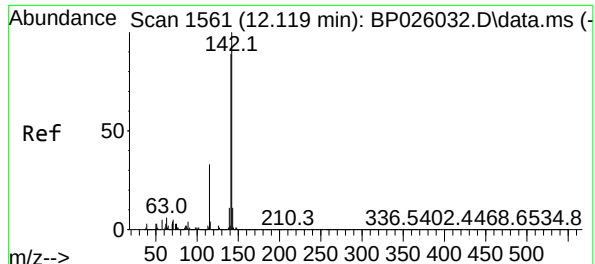
Tgt Ion:113 Resp: 356958
Ion Ratio Lower Upper
113 100
55 175.7 153.0 193.0
56 128.5 106.4 146.4



#36
4-Chloro-3-methylphenol
Concen: 55.785 ng
RT: 11.731 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:107 Resp: 1079361
Ion Ratio Lower Upper
107 100
144 26.9 21.6 32.4
142 84.7 65.6 98.4

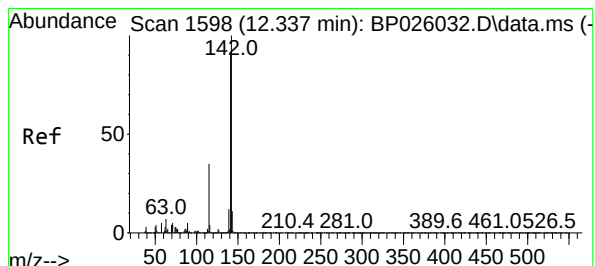
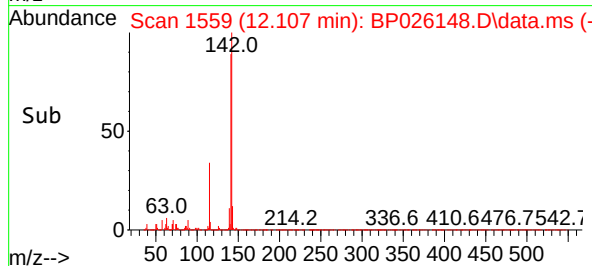
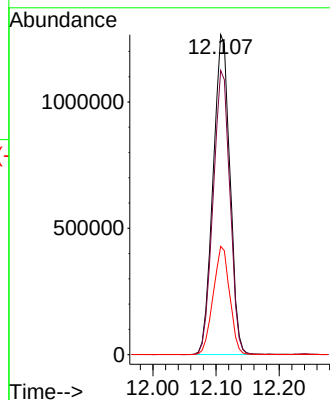
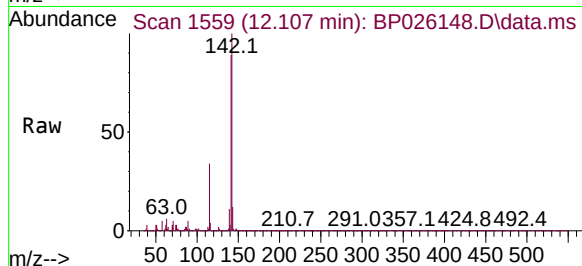




#37
2-Methylnaphthalene
Concen: 50.940 ng
RT: 12.107 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

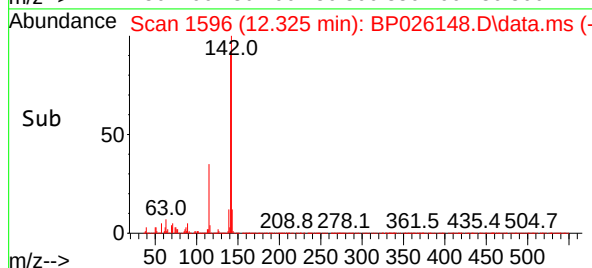
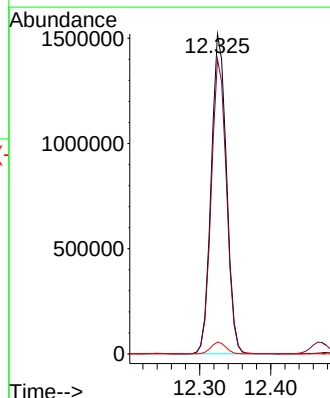
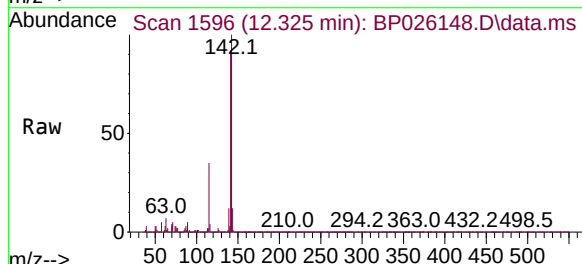
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

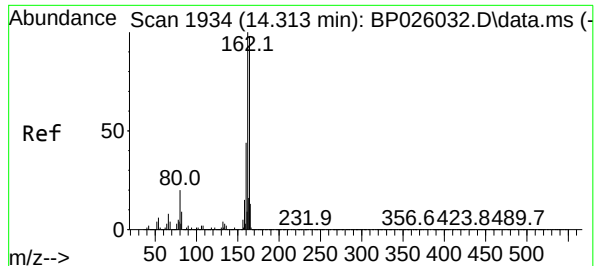
Tgt Ion:142 Resp: 2347741
Ion Ratio Lower Upper
142 100
141 88.8 71.0 106.6
115 33.8 26.6 39.8



#38
1-Methylnaphthalene
Concen: 50.528 ng
RT: 12.325 min Scan# 1596
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:142 Resp: 2264098
Ion Ratio Lower Upper
142 100
141 92.1 73.5 110.3
116 3.7 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.319 min Scan# 1934

Delta R.T. -0.006 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

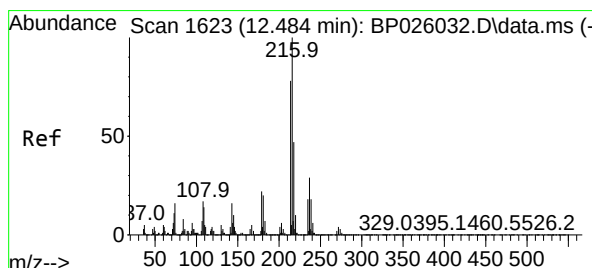
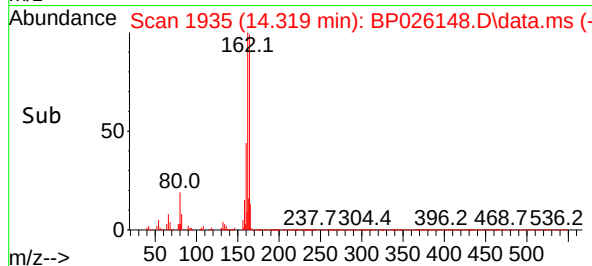
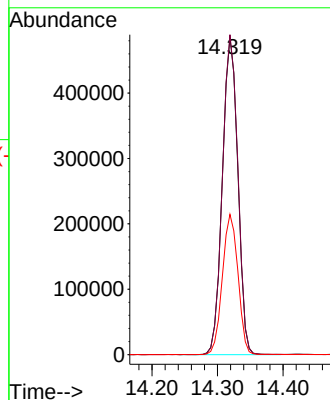
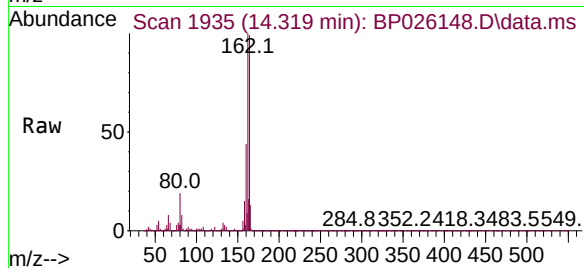
Tgt Ion:164 Resp: 797553

Ion Ratio Lower Upper

164 100

162 101.0 80.3 120.5

160 44.3 35.2 52.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.999 ng

RT: 12.484 min Scan# 1623

Delta R.T. -0.006 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

Tgt Ion:216 Resp: 1184632

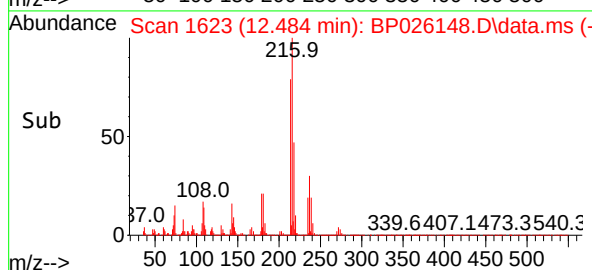
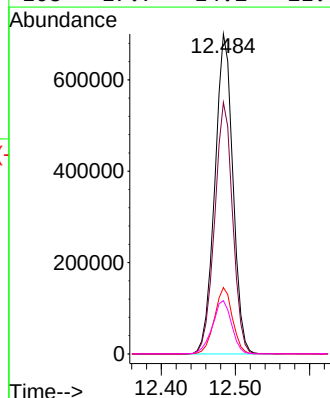
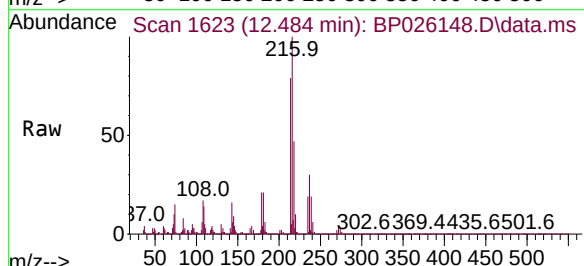
Ion Ratio Lower Upper

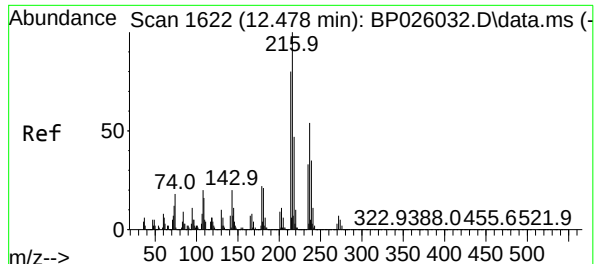
216 100

214 78.4 62.6 94.0

179 20.7 16.6 25.0

108 17.7 14.2 21.4

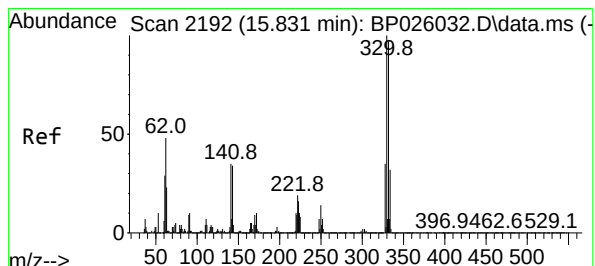
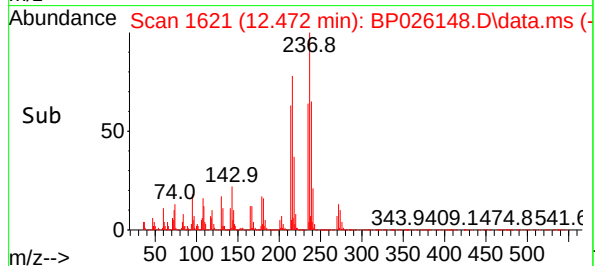
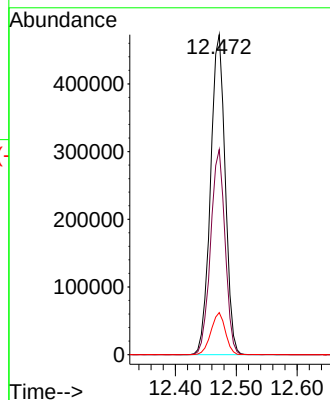
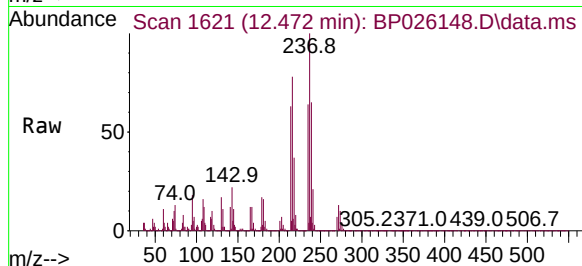




#41
Hexachlorocyclopentadiene
Concen: 76.949 ng
RT: 12.472 min Scan# 1621
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

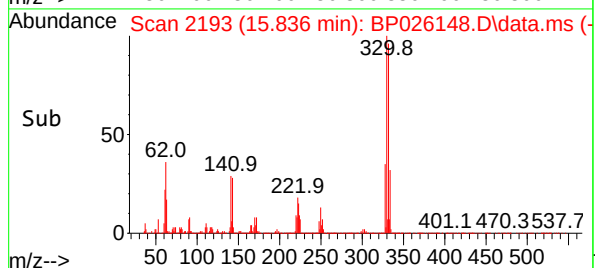
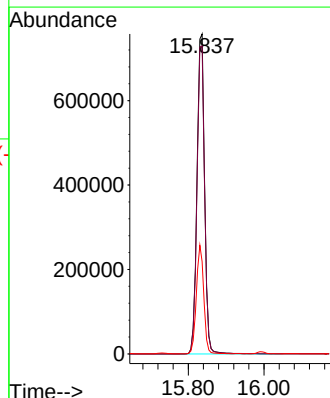
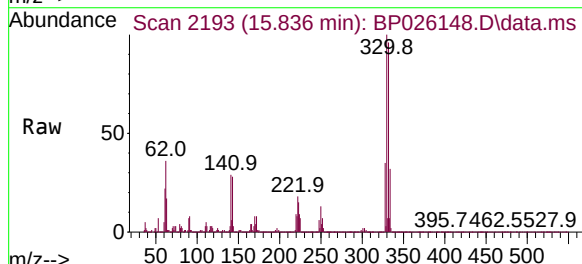
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

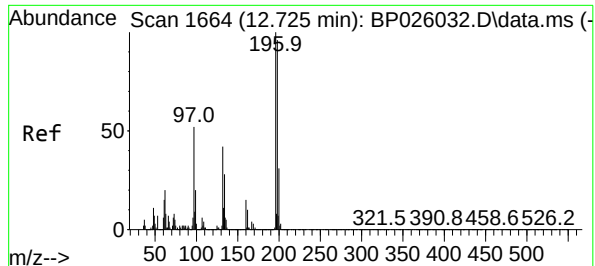
Tgt Ion:237 Resp: 789794
Ion Ratio Lower Upper
237 100
235 64.1 43.3 83.3
272 13.1 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 119.774 ng
RT: 15.836 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:330 Resp: 1046471
Ion Ratio Lower Upper
330 100
332 96.4 78.0 117.0
141 33.1 26.8 40.2





#43

2,4,6-Trichlorophenol

Concen: 56.757 ng

RT: 12.719 min Scan# 1663

Delta R.T. -0.006 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

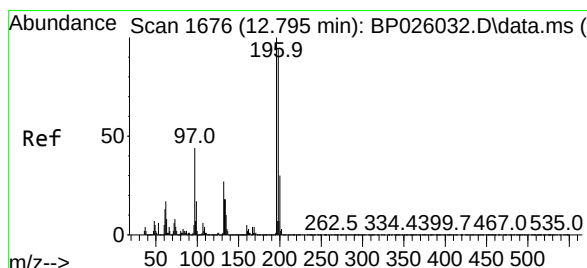
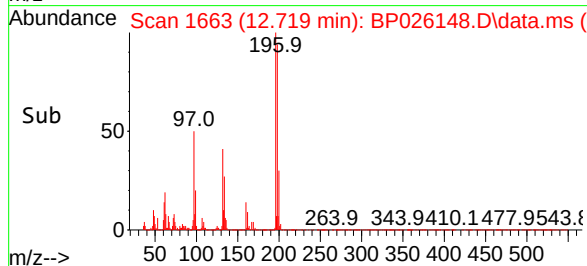
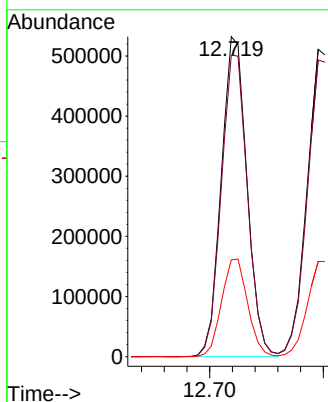
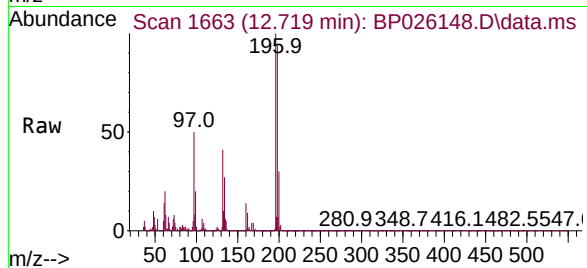
Tgt Ion:196 Resp: 837942

Ion Ratio Lower Upper

196 100

198 94.2 76.9 115.3

200 30.2 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 55.717 ng

RT: 12.795 min Scan# 1676

Delta R.T. -0.006 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

Tgt Ion:196 Resp: 934561

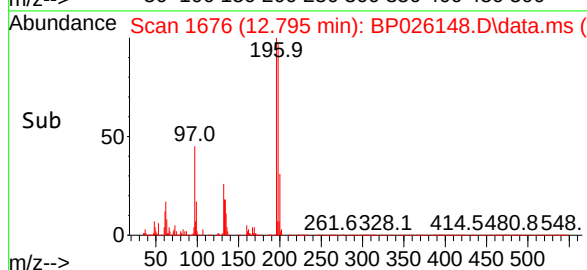
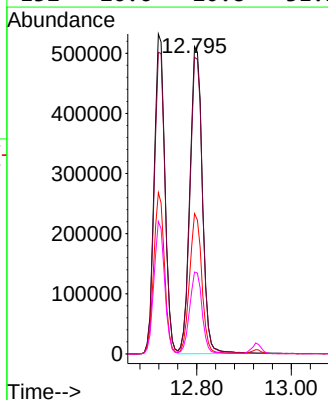
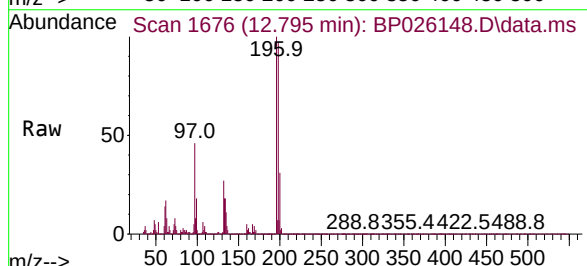
Ion Ratio Lower Upper

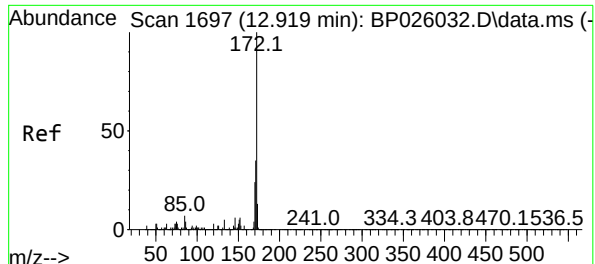
196 100

198 96.5 76.4 114.6

97 45.6 35.7 53.5

132 26.6 20.8 31.2

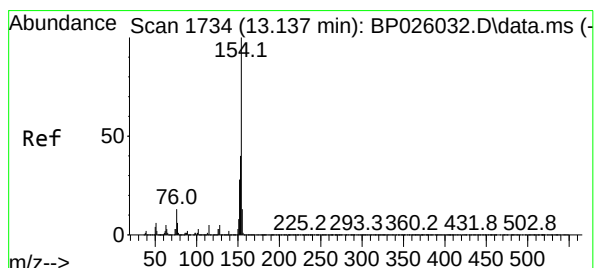
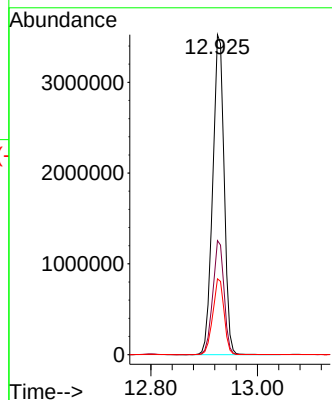
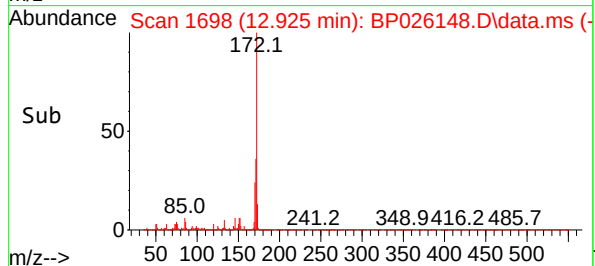
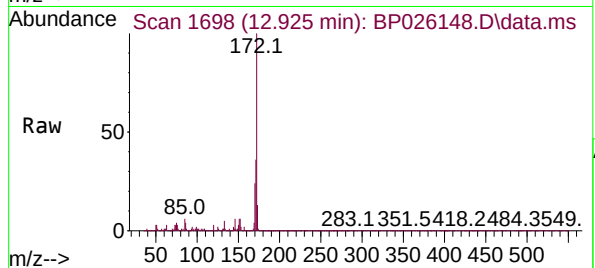




#45
2-Fluorobiphenyl
Concen: 94.988 ng
RT: 12.925 min Scan# 1698
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

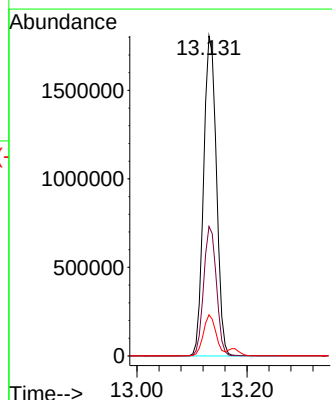
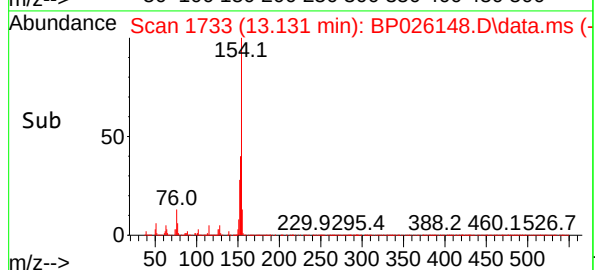
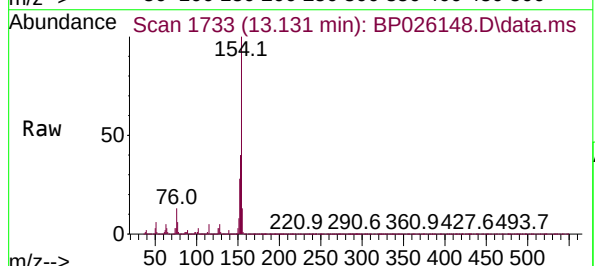
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

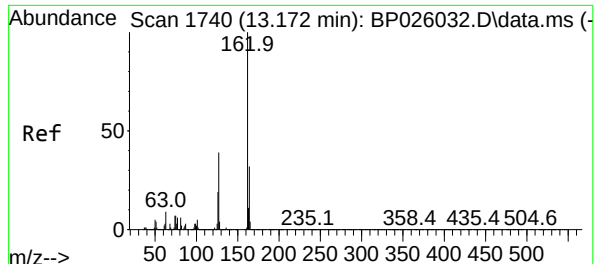
Tgt Ion:172 Resp: 5250598
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.4
170 23.7 18.7 28.1



#46
1,1'-Biphenyl
Concen: 48.177 ng
RT: 13.131 min Scan# 1733
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:154 Resp: 2928877
Ion Ratio Lower Upper
154 100
153 40.5 20.3 60.3
76 12.8 0.0 32.3





#47

2-Chloronaphthalene

Concen: 48.576 ng

RT: 13.172 min Scan# 1740

Delta R.T. -0.012 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

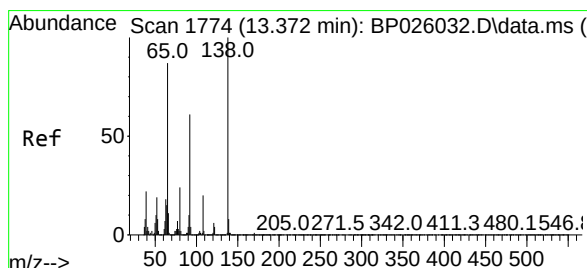
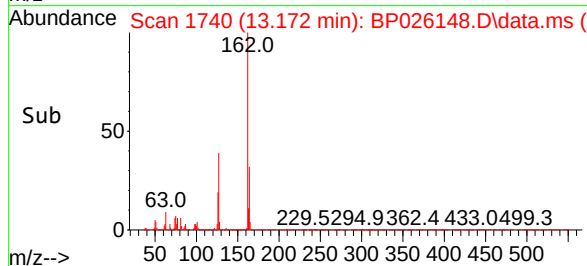
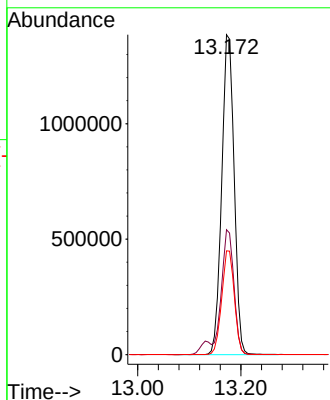
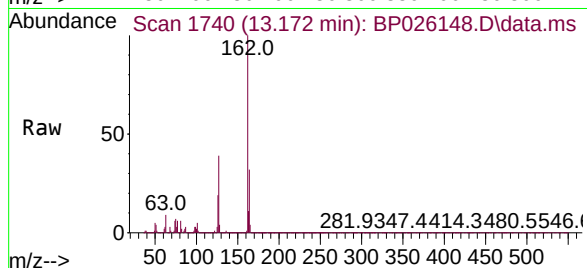
Tgt Ion:162 Resp: 2321684

Ion Ratio Lower Upper

162 100

127 39.0 30.9 46.3

164 32.4 26.4 39.6



#48

2-Nitroaniline

Concen: 60.939 ng

RT: 13.372 min Scan# 1774

Delta R.T. -0.006 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

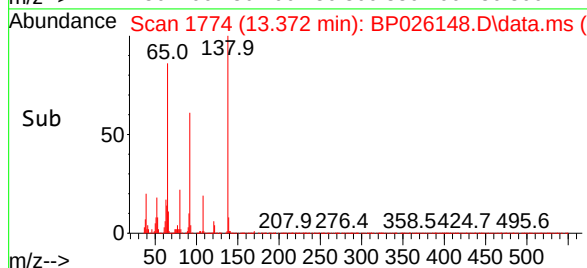
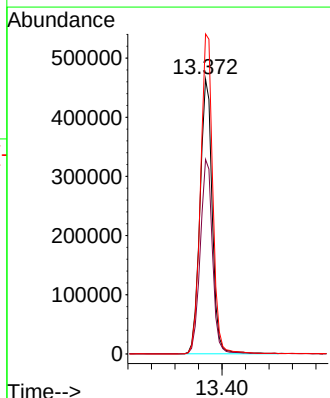
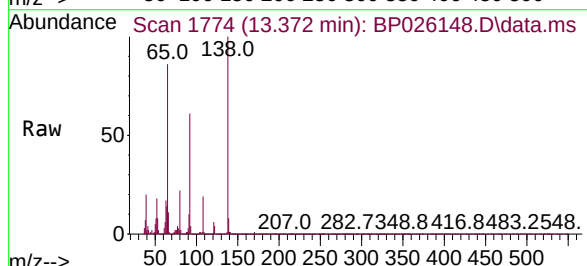
Tgt Ion: 65 Resp: 669977

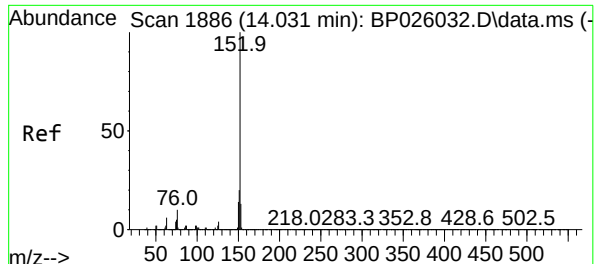
Ion Ratio Lower Upper

65 100

92 70.8 59.1 88.7

138 116.5 96.6 145.0

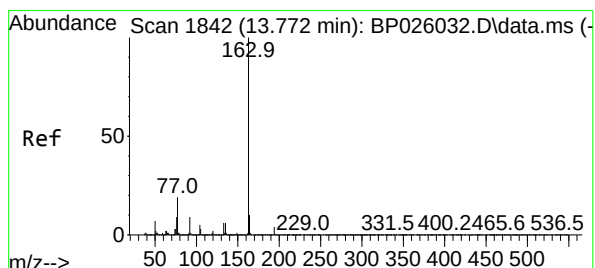
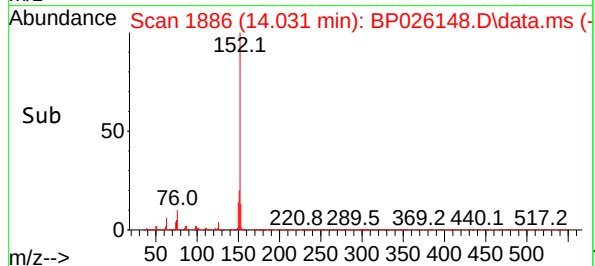
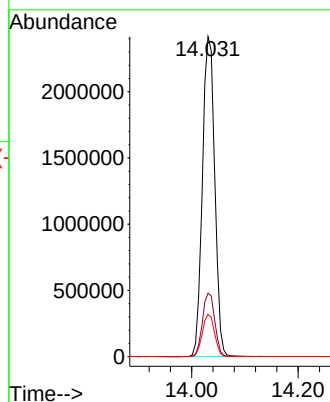
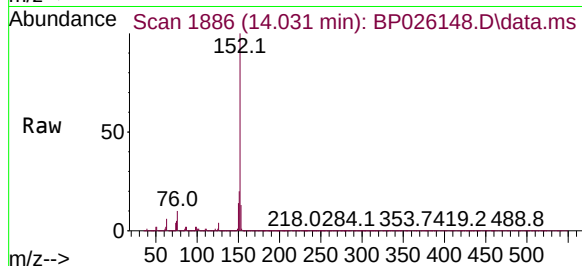




#49
Acenaphthylene
Concen: 54.828 ng
RT: 14.031 min Scan# 1886
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

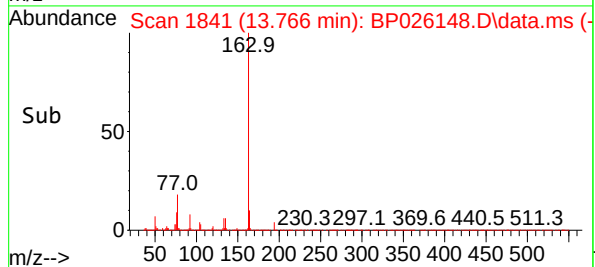
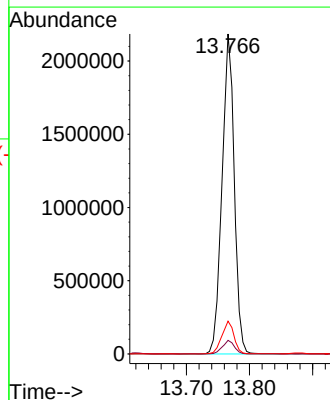
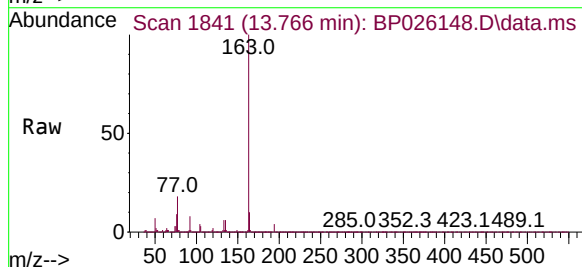
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

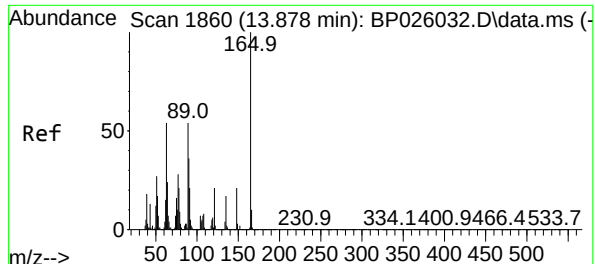
Tgt Ion:152 Resp: 3873345
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8
153 13.2 10.6 16.0



#50
Dimethylphthalate
Concen: 50.746 ng
RT: 13.766 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:163 Resp: 2930655
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.2 8.2 12.2

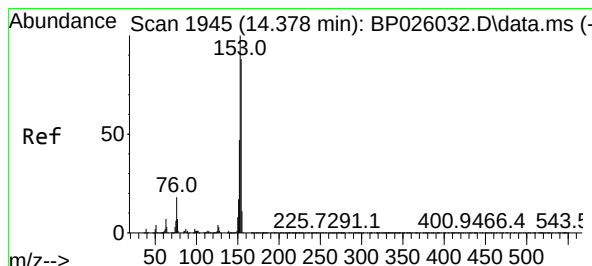
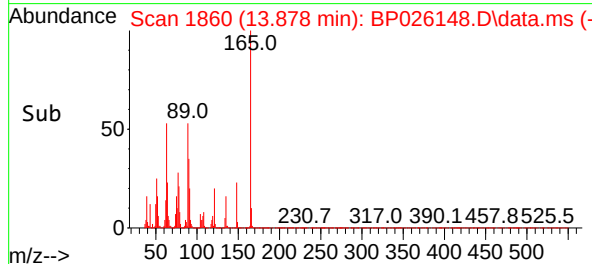
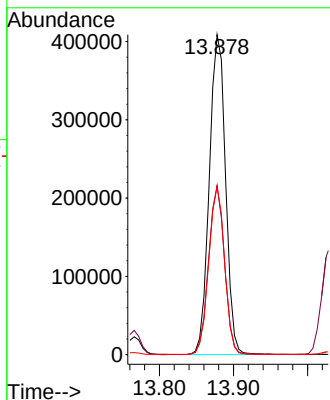
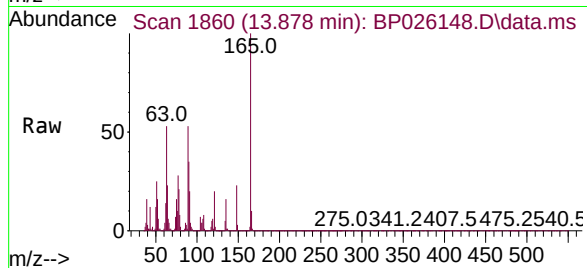




#51
2,6-Dinitrotoluene
Concen: 64.134 ng
RT: 13.878 min Scan# 1860
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

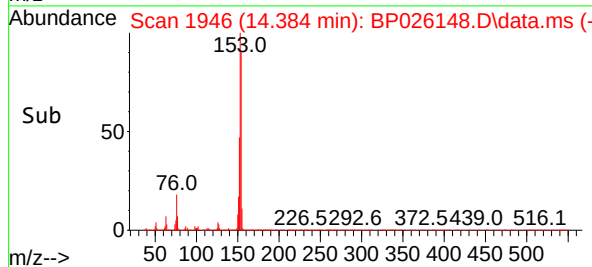
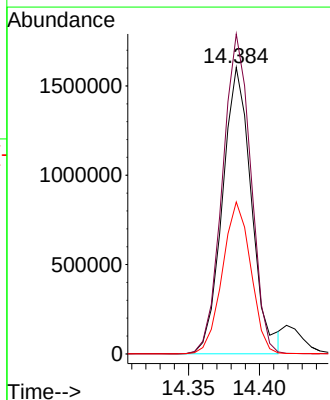
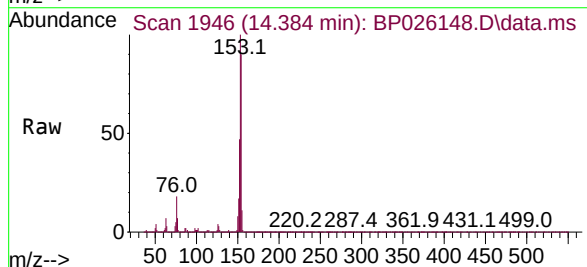
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

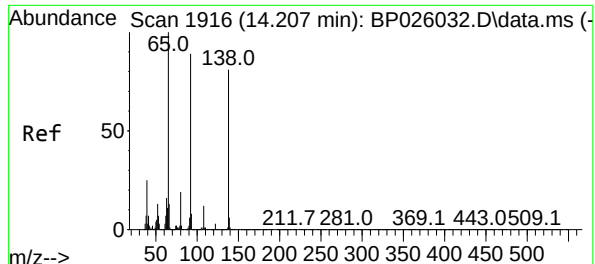
Tgt Ion	Ratio	Lower	Upper
165	100		
63	52.8	40.5	60.7
89	52.6	41.3	61.9



#52
Acenaphthene
Concen: 48.135 ng
RT: 14.384 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.7	90.7	136.1
152	53.0	42.8	64.2

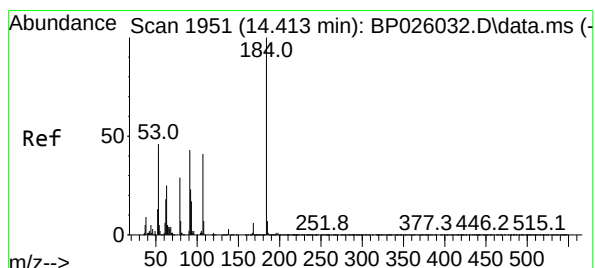
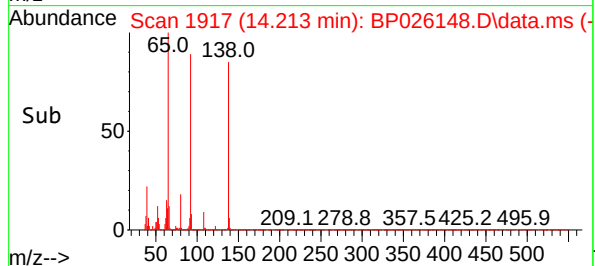
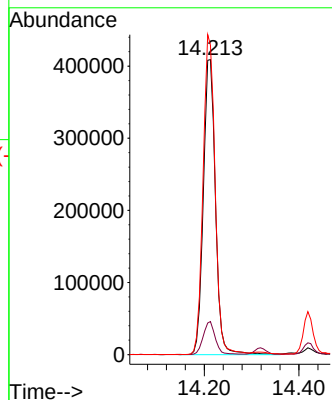
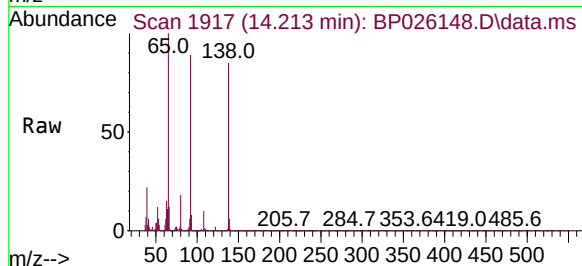




#53
3-Nitroaniline
Concen: 61.795 ng
RT: 14.213 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

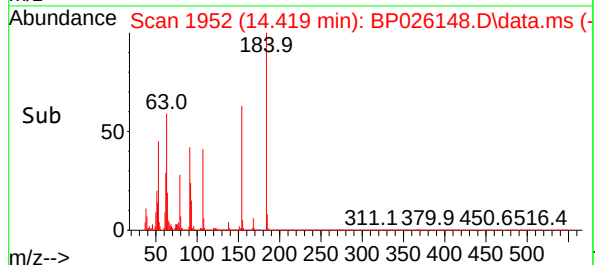
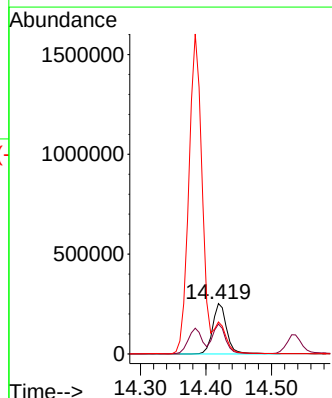
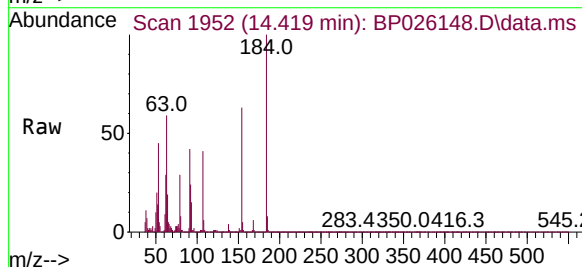
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

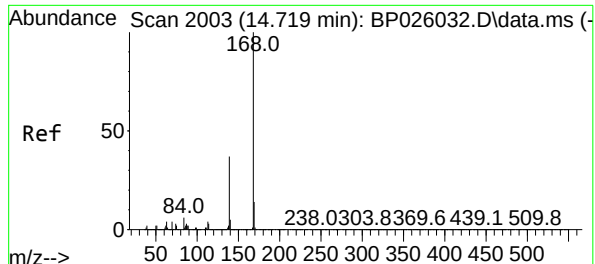
Tgt Ion:138 Resp: 725831
Ion Ratio Lower Upper
138 100
108 11.2 8.9 13.3
92 105.0 86.3 129.5



#54
2,4-Dinitrophenol
Concen: 83.625 ng
RT: 14.419 min Scan# 1952
Delta R.T. -0.012 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:184 Resp: 372594
Ion Ratio Lower Upper
184 100
63 59.3 43.1 64.7
154 63.4 49.5 74.3





#55

Dibenzofuran

Concen: 48.822 ng

RT: 14.725 min Scan# 20

Delta R.T. 0.000 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

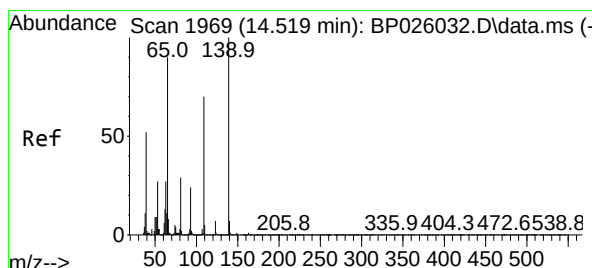
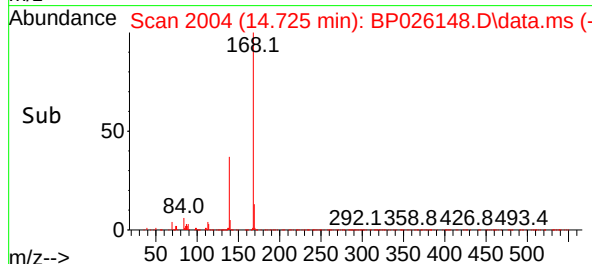
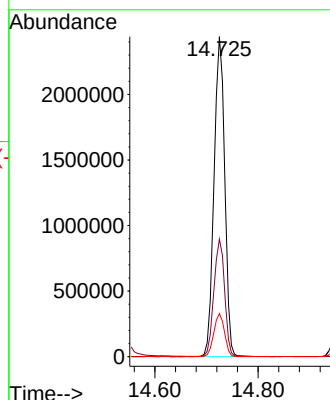
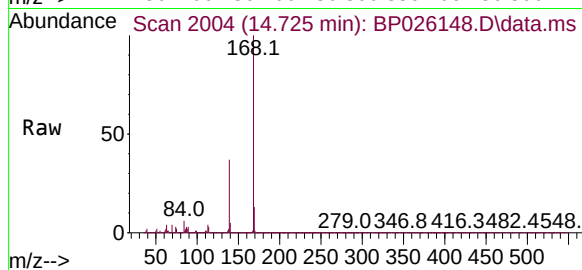
Tgt Ion:168 Resp: 3514504

Ion Ratio Lower Upper

168 100

139 36.8 29.8 44.6

169 13.4 10.9 16.3



#56

4-Nitrophenol

Concen: 53.593 ng

RT: 14.537 min Scan# 1972

Delta R.T. -0.006 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

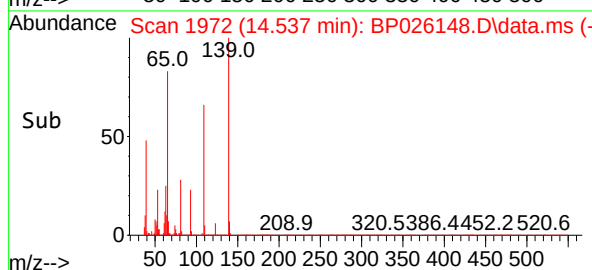
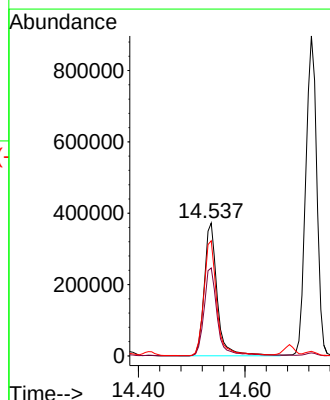
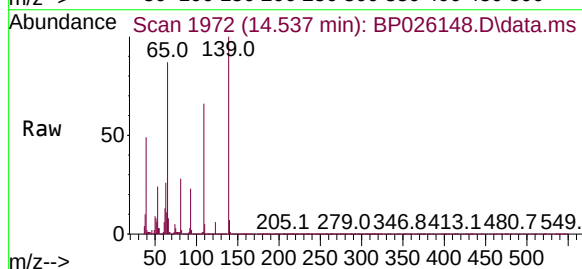
Tgt Ion:139 Resp: 626548

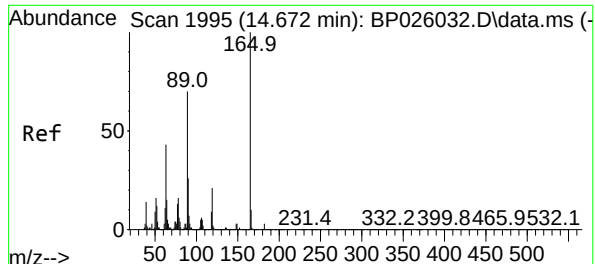
Ion Ratio Lower Upper

139 100

109 66.1 46.8 86.8

65 86.7 69.3 109.3

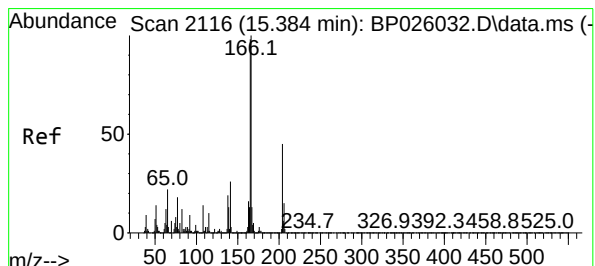
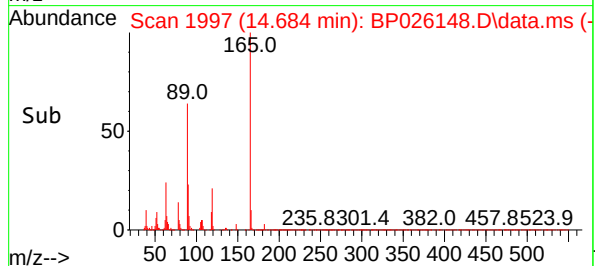
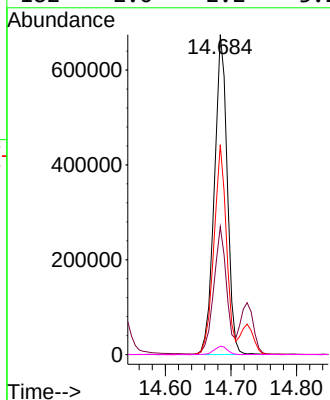
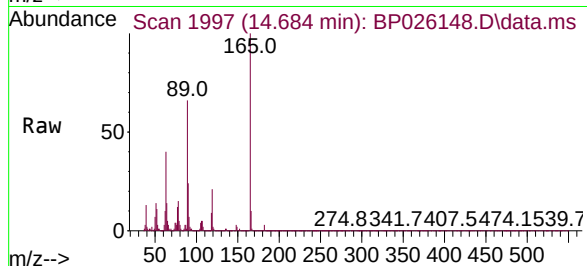




#57
2,4-Dinitrotoluene
Concen: 65.348 ng
RT: 14.684 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

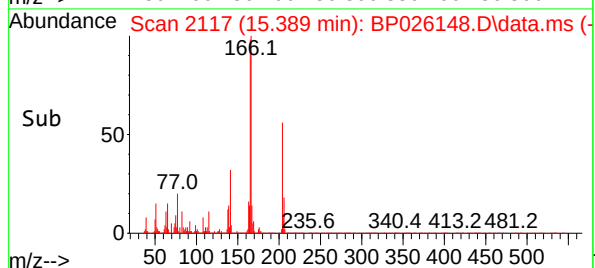
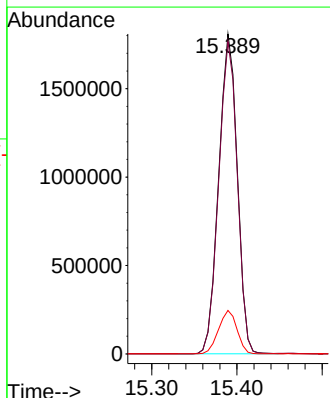
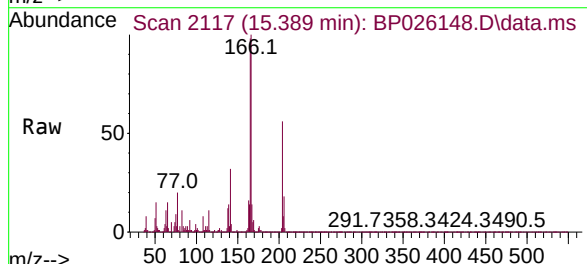
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

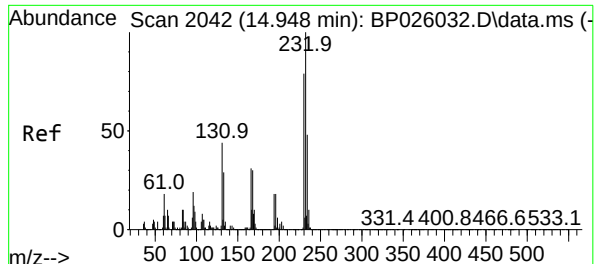
Tgt Ion:165 Resp: 925879
Ion Ratio Lower Upper
165 100
63 40.0 31.0 46.6
89 65.6 51.7 77.5
182 2.6 2.2 3.2



#58
Fluorene
Concen: 48.440 ng
RT: 15.389 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:166 Resp: 2739619
Ion Ratio Lower Upper
166 100
165 97.6 77.9 116.9
167 13.6 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 59.606 ng

RT: 14.954 min Scan# 2043

Delta R.T. -0.006 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:232 Resp: 791779

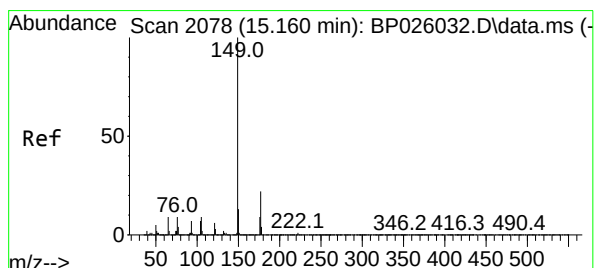
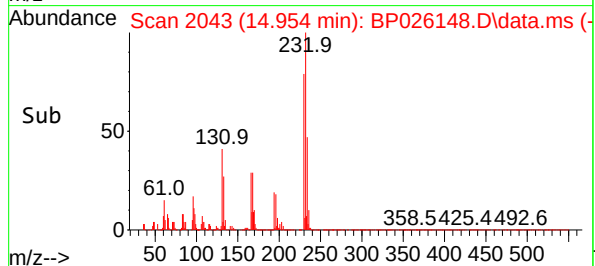
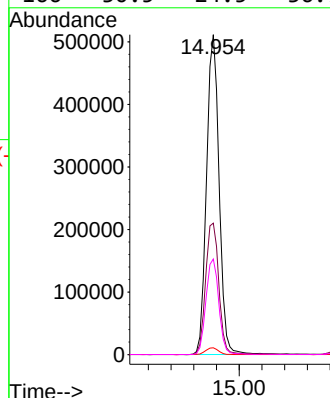
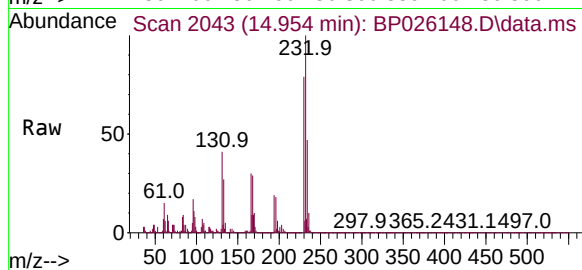
Ion Ratio Lower Upper

232 100

131 43.1 34.8 52.2

130 2.2 1.8 2.8

166 30.5 24.5 36.7



#60

Diethylphthalate

Concen: 51.232 ng

RT: 15.166 min Scan# 2079

Delta R.T. -0.006 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

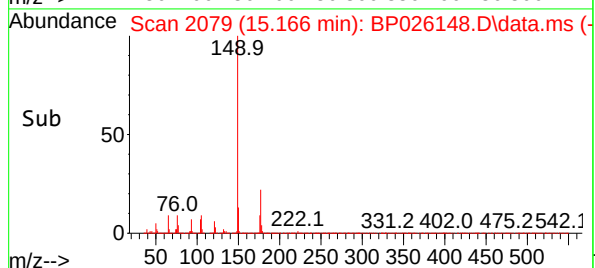
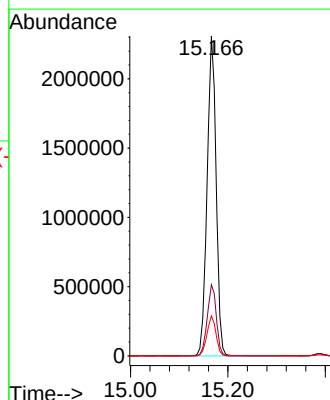
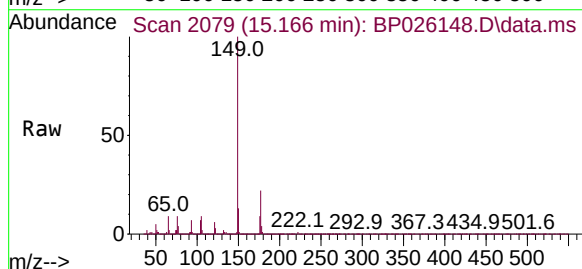
Tgt Ion:149 Resp: 2976494

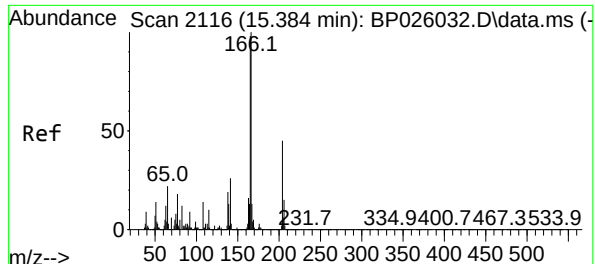
Ion Ratio Lower Upper

149 100

177 22.2 17.9 26.9

150 12.5 9.9 14.9

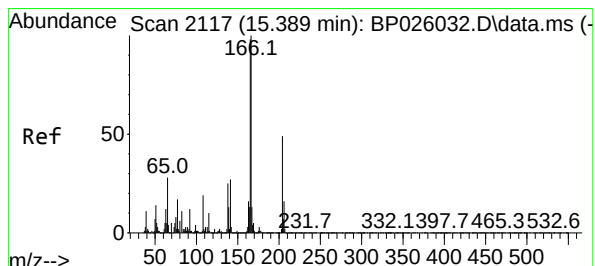
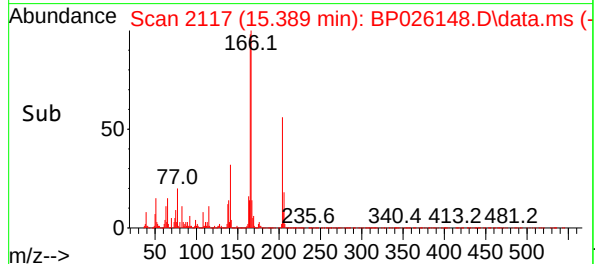
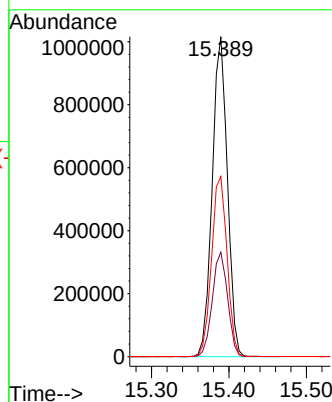
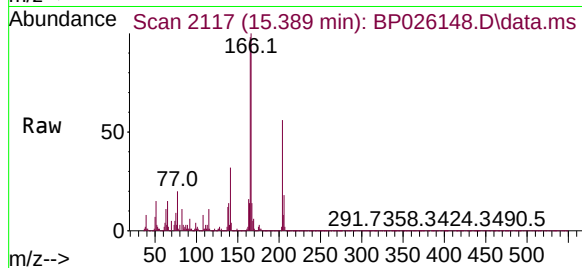




#61
4-Chlorophenyl-phenylether
Concen: 48.888 ng
RT: 15.389 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

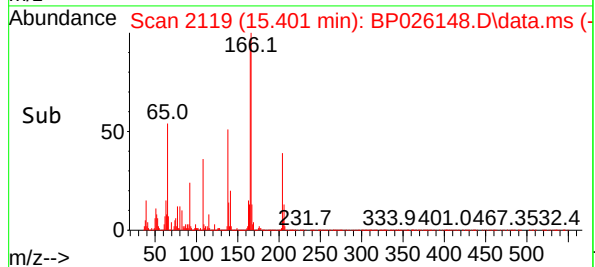
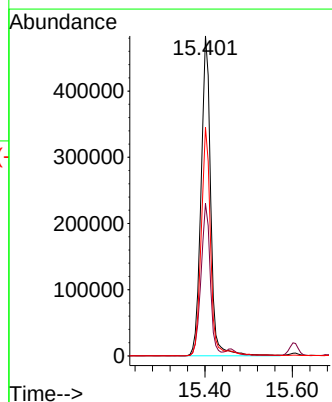
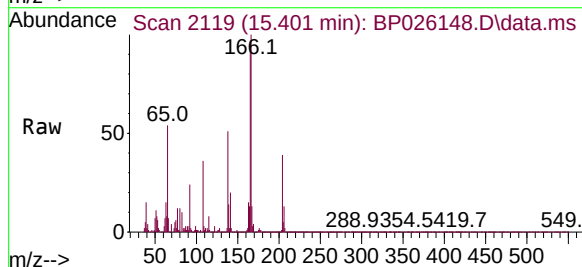
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

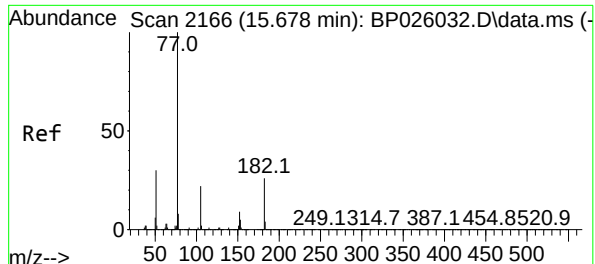
Tgt Ion:204 Resp: 1378247
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.2
141 56.3 48.1 72.1



#62
4-Nitroaniline
Concen: 58.965 ng
RT: 15.401 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:138 Resp: 734482
Ion Ratio Lower Upper
138 100
92 47.6 27.5 67.5
108 71.4 51.1 91.1

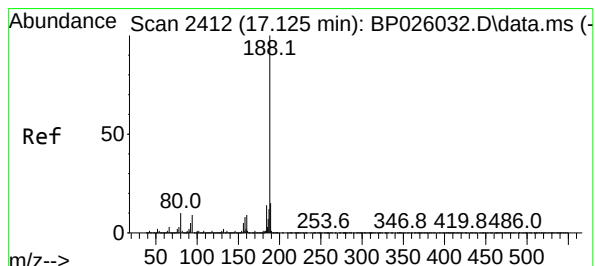
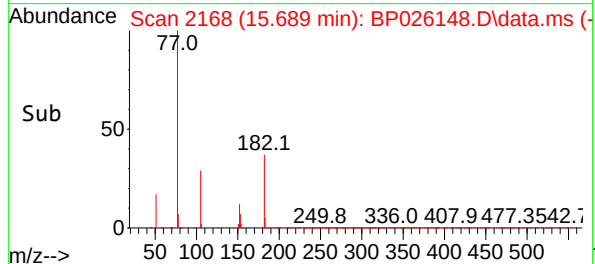
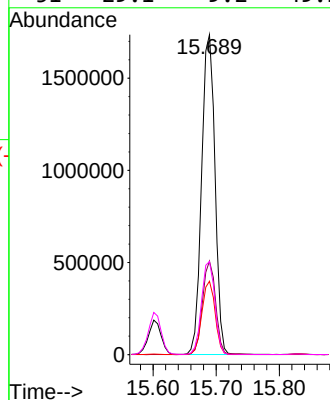
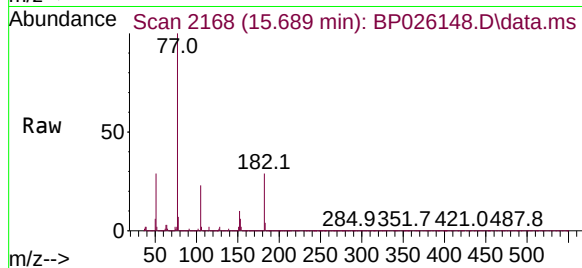




#63
Azobenzene
Concen: 48.803 ng
RT: 15.689 min Scan# 2168
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

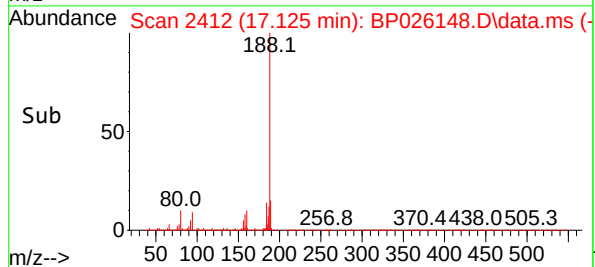
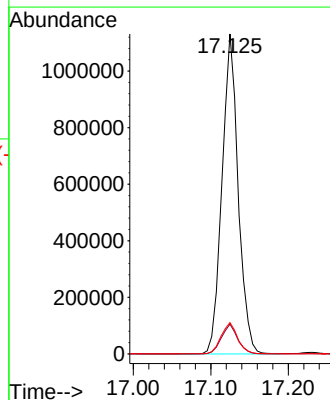
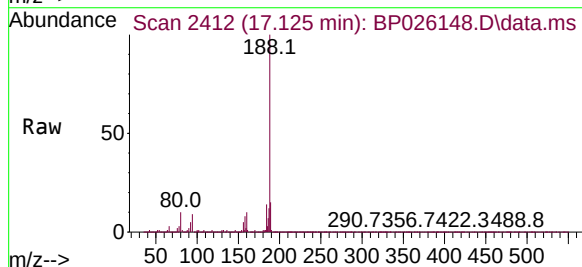
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

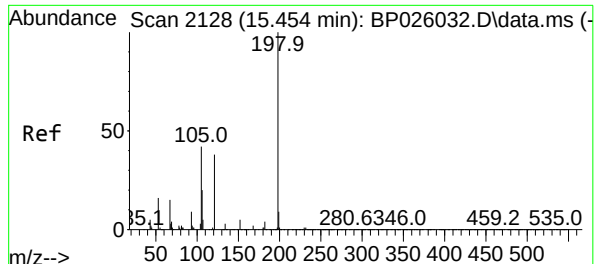
Tgt Ion: 77 Resp: 2549241
Ion Ratio Lower Upper
77 100
182 29.2 8.8 48.8
105 22.9 2.6 42.6
51 29.1 9.2 49.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion: 188 Resp: 1640808
Ion Ratio Lower Upper
188 100
94 9.3 7.8 11.6
80 9.8 8.2 12.2

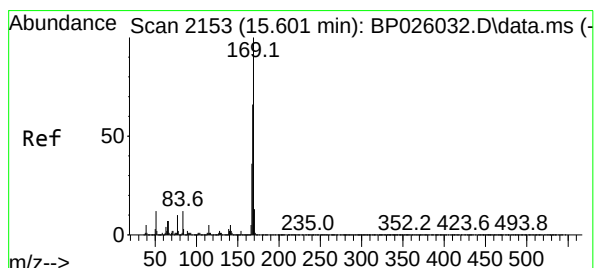
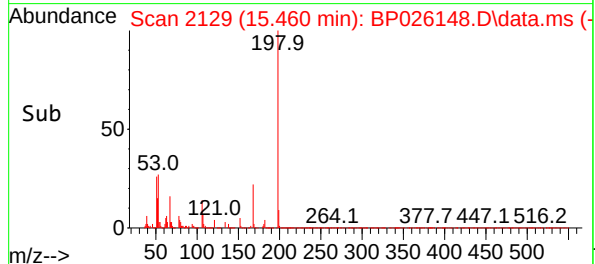
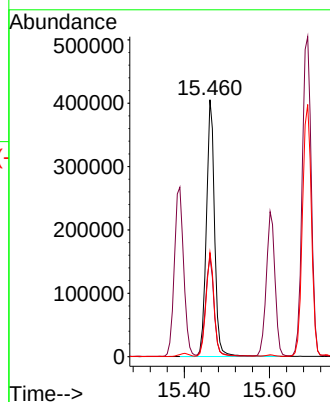
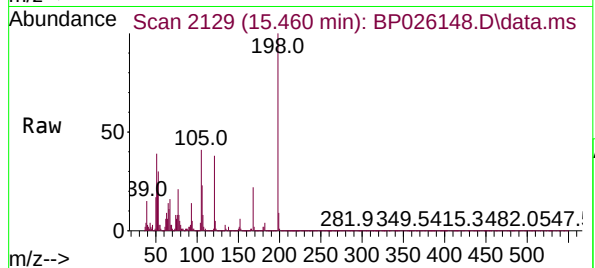




#65
4,6-Dinitro-2-methylphenol
Concen: 77.066 ng
RT: 15.460 min Scan# 2128
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

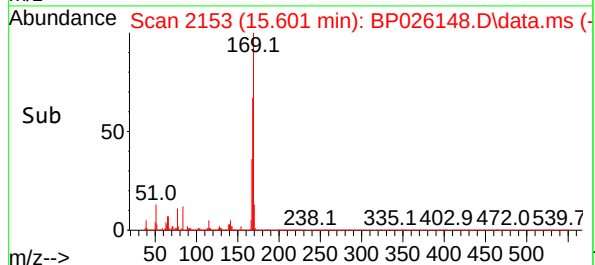
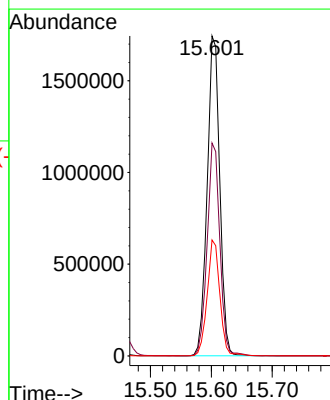
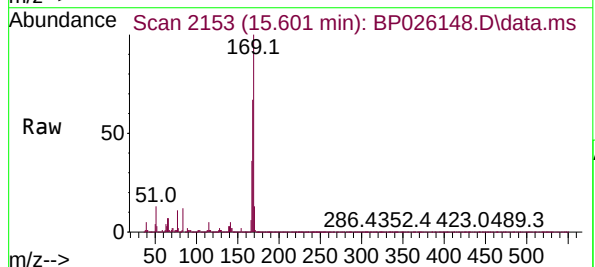
Instrument :
BNA_P
ClientSampleId :
SSTDIC050

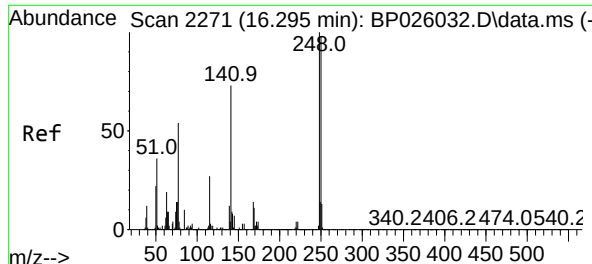
Tgt Ion:198 Resp: 539726
Ion Ratio Lower Upper
198 100
51 38.9 18.4 58.4
105 40.5 18.5 58.5



#66
n-Nitrosodiphenylamine
Concen: 48.943 ng
RT: 15.601 min Scan# 2153
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:169 Resp: 2501945
Ion Ratio Lower Upper
169 100
168 66.5 53.1 79.7
167 36.3 28.9 43.3

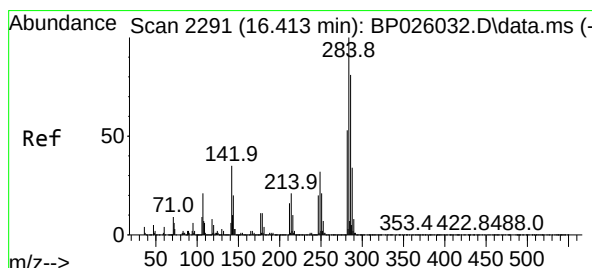
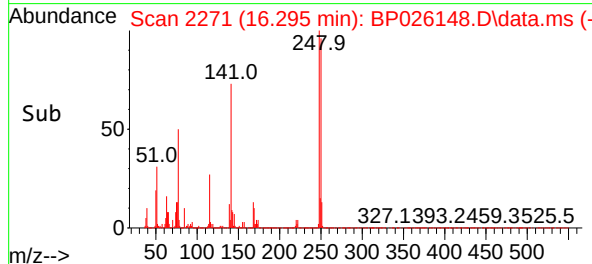
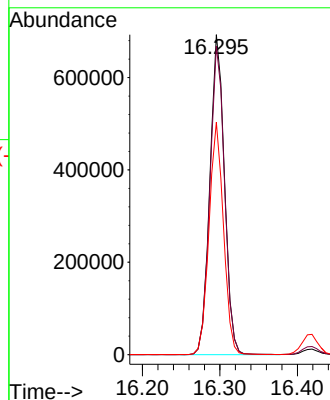
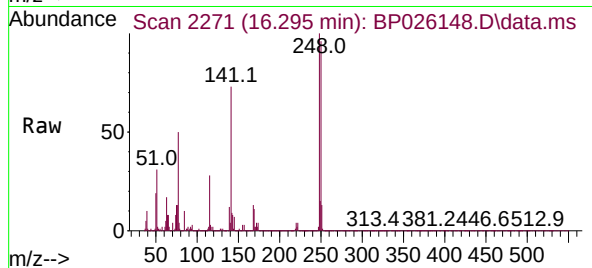




#67
4-Bromophenyl-phenylether
Concen: 49.759 ng
RT: 16.295 min Scan# 2271
Delta R.T. -0.012 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

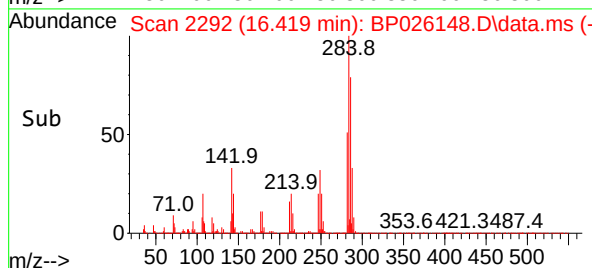
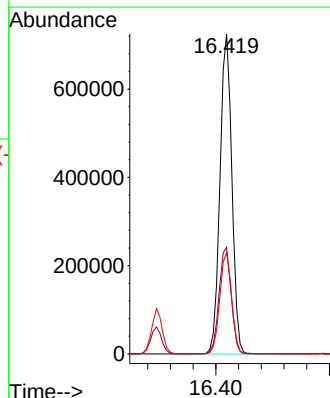
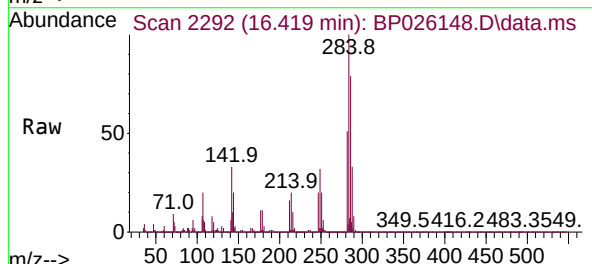
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

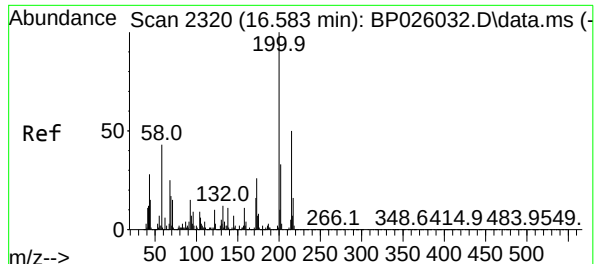
Tgt Ion:248 Resp: 906367
Ion Ratio Lower Upper
248 100
250 96.4 77.8 116.6
141 72.6 55.4 83.0



#68
Hexachlorobenzene
Concen: 50.429 ng
RT: 16.419 min Scan# 2292
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:284 Resp: 1044994
Ion Ratio Lower Upper
284 100
142 33.3 28.0 42.0
249 31.6 25.0 37.4





#69

Atrazine

Concen: 54.471 ng

RT: 16.584 min Scan# 2320

Delta R.T. -0.006 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

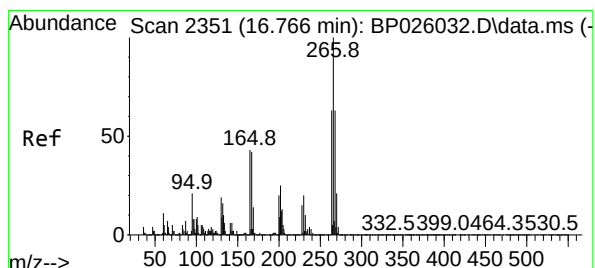
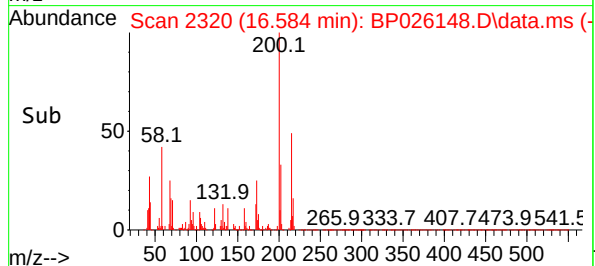
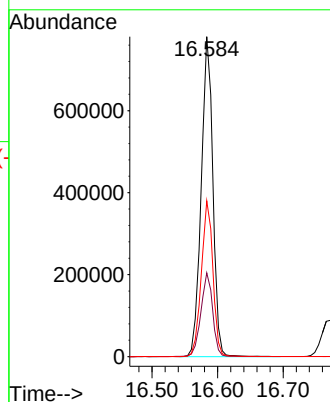
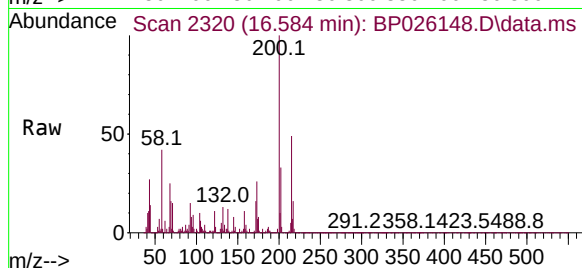
Tgt Ion:200 Resp: 954570

Ion Ratio Lower Upper

200 100

173 26.2 6.7 46.7

215 48.7 27.4 67.4



#70

Pentachlorophenol

Concen: 56.819 ng

RT: 16.772 min Scan# 2352

Delta R.T. -0.006 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

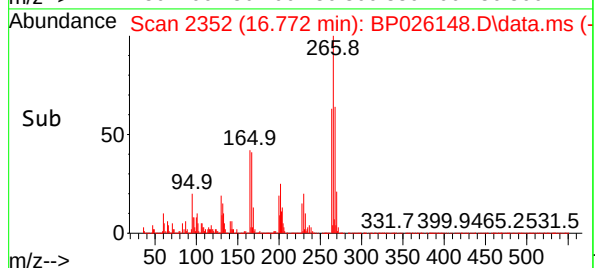
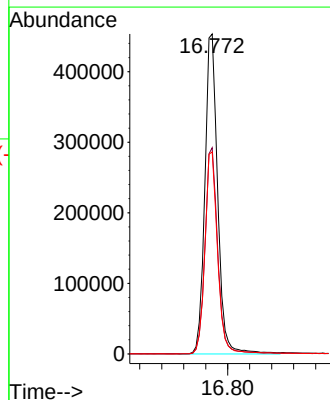
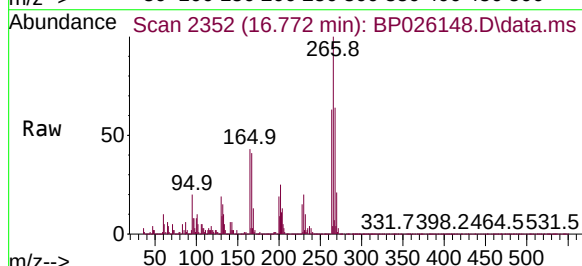
Tgt Ion:266 Resp: 733498

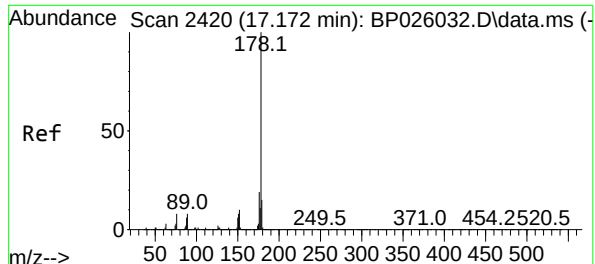
Ion Ratio Lower Upper

266 100

268 64.4 51.0 76.4

264 63.1 50.2 75.2

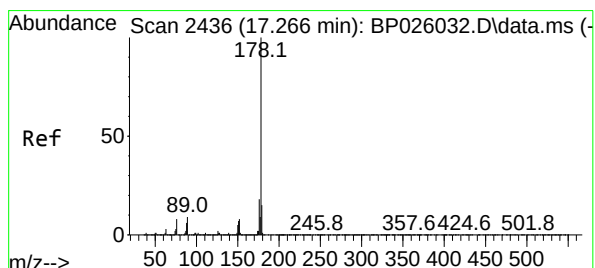
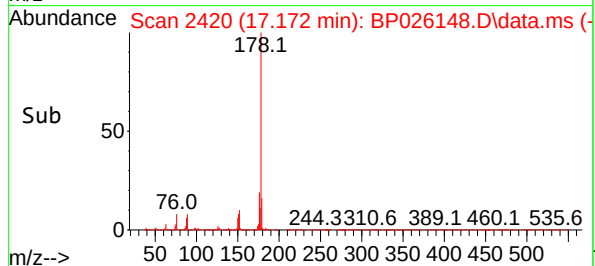
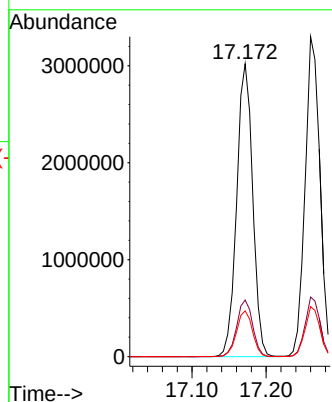
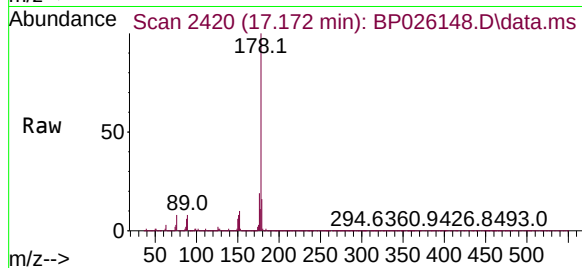




#71
Phenanthrene
Concen: 47.698 ng
RT: 17.172 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

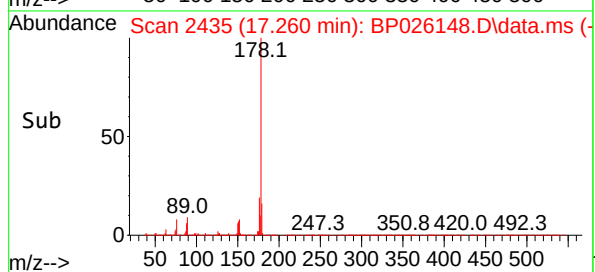
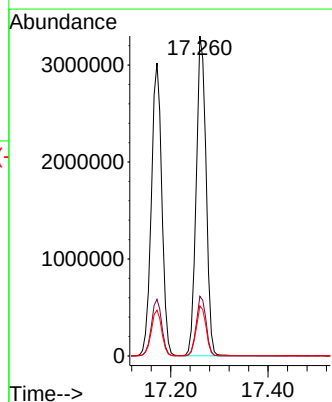
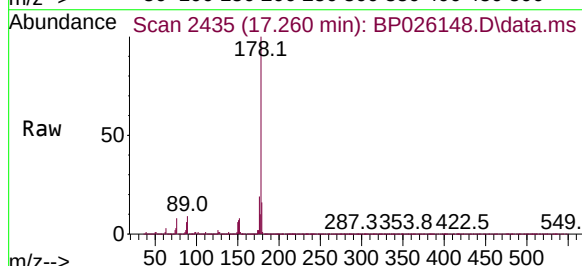
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

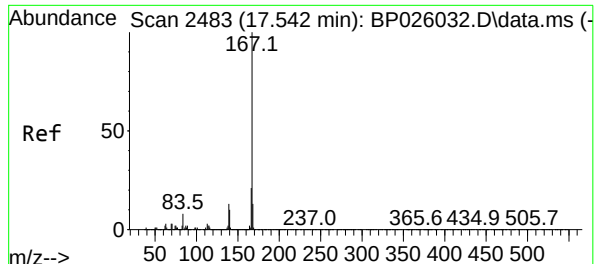
Tgt Ion:178 Resp: 4521516
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.6 12.4 18.6



#72
Anthracene
Concen: 48.679 ng
RT: 17.260 min Scan# 2435
Delta R.T. -0.012 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:178 Resp: 4603902
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 15.6 12.2 18.4

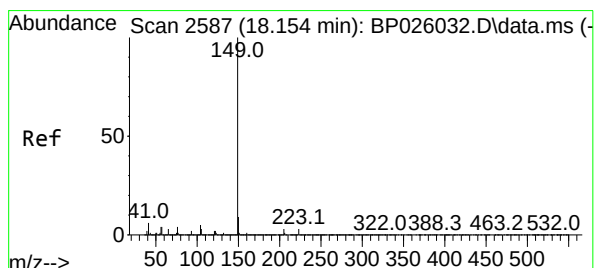
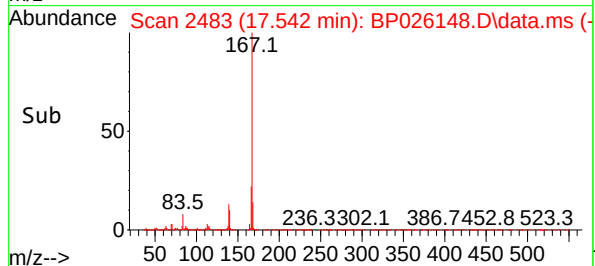
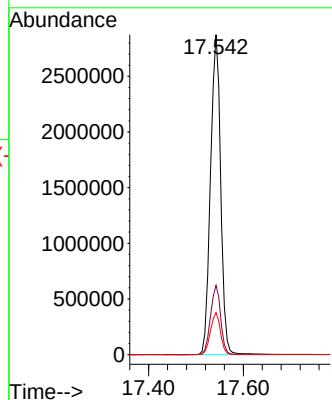
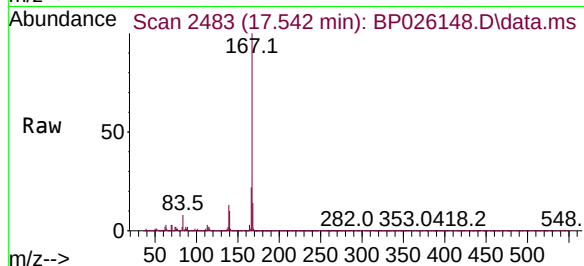




#73
Carbazole
Concen: 48.149 ng
RT: 17.542 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

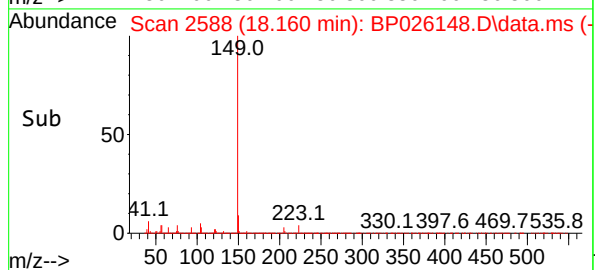
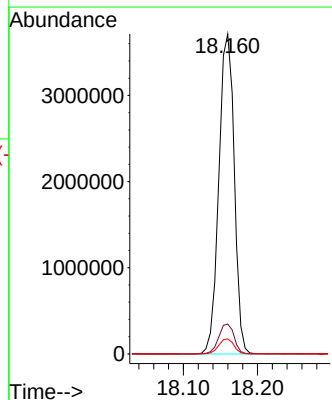
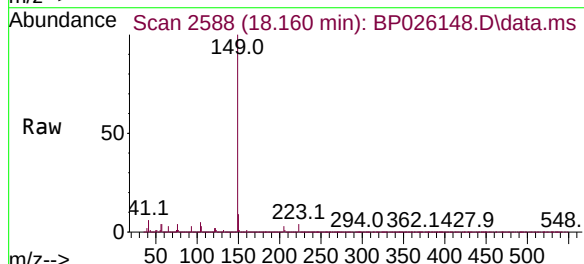
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

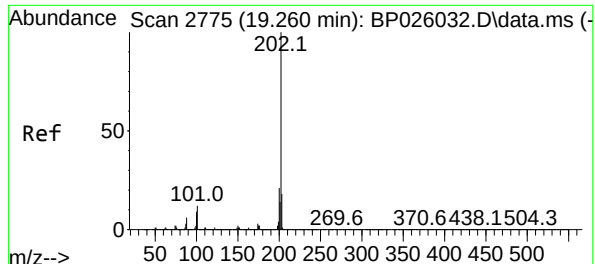
Tgt Ion:167 Resp: 4285462
Ion Ratio Lower Upper
167 100
166 21.6 17.1 25.7
139 13.1 10.2 15.4



#74
Di-n-butylphthalate
Concen: 53.150 ng
RT: 18.160 min Scan# 2588
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:149 Resp: 5349681
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 4.7 3.6 5.4

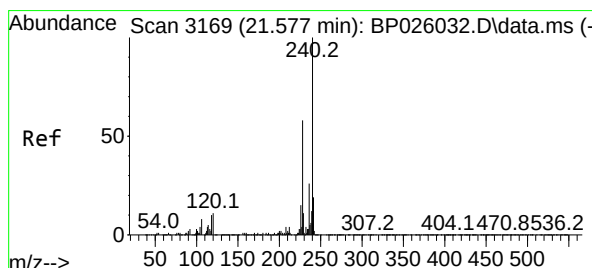
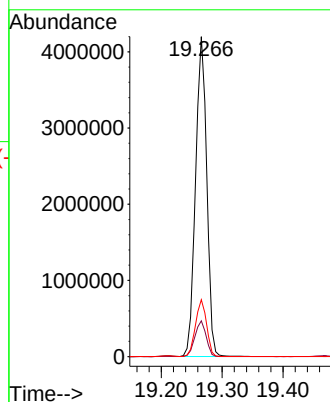
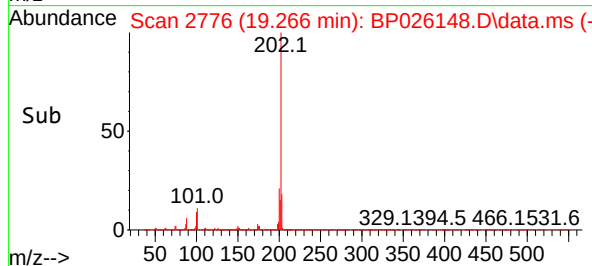
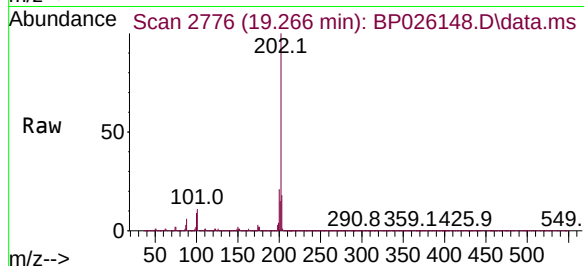




#75
Fluoranthene
Concen: 48.317 ng
RT: 19.266 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

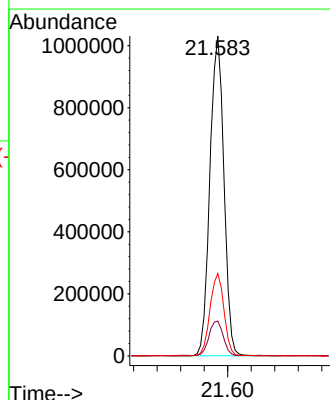
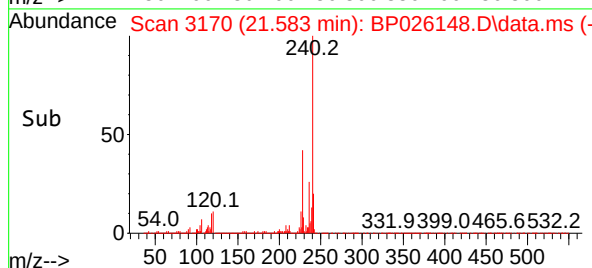
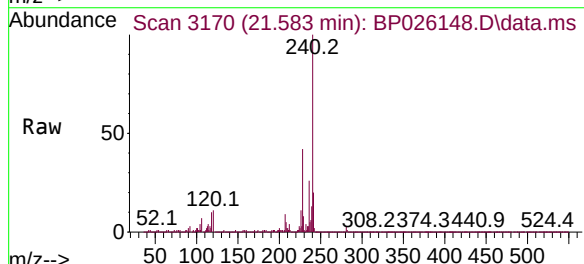
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

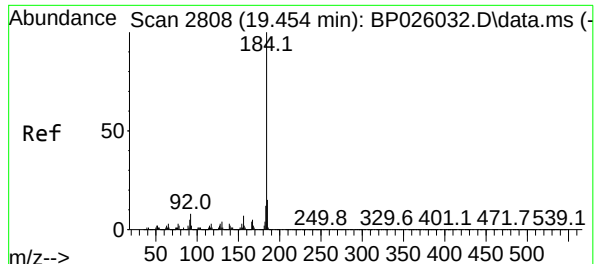
Tgt Ion:202 Resp: 5367252
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.2
203 17.8 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.012 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:240 Resp: 1705823
Ion Ratio Lower Upper
240 100
120 10.9 9.0 13.4
236 25.7 20.4 30.6

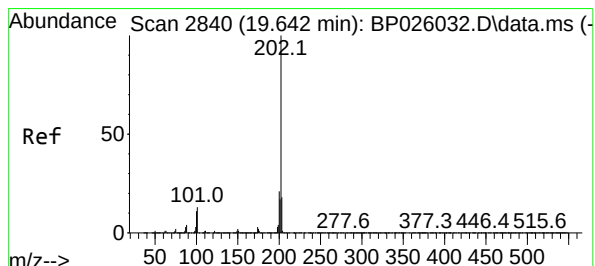
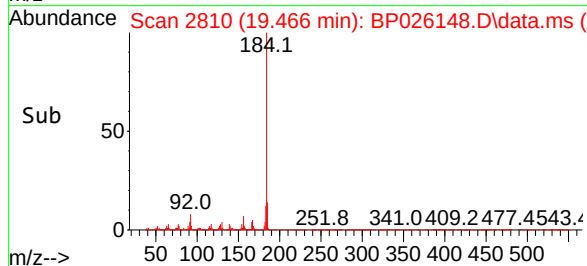
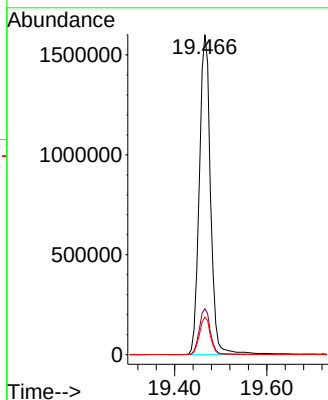
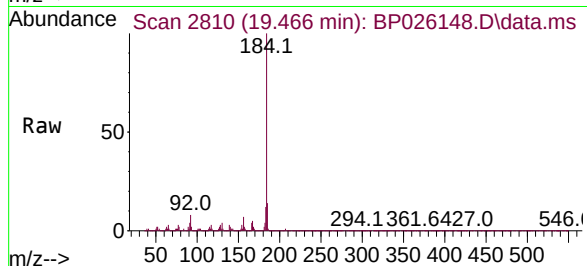




#77
Benzidine
Concen: 60.082 ng
RT: 19.466 min Scan# 2810
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

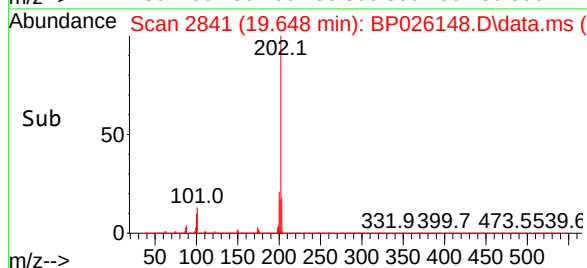
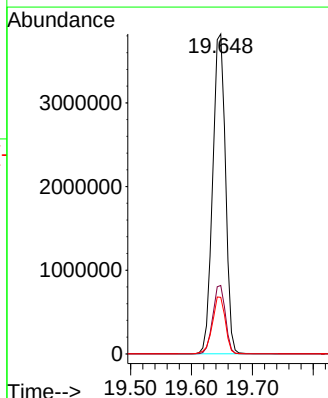
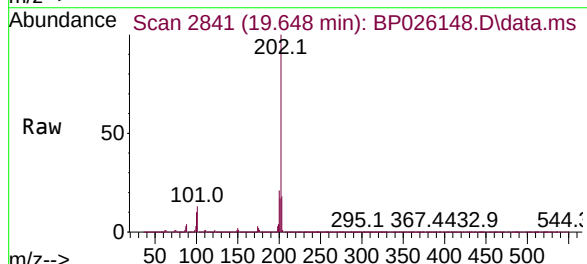
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

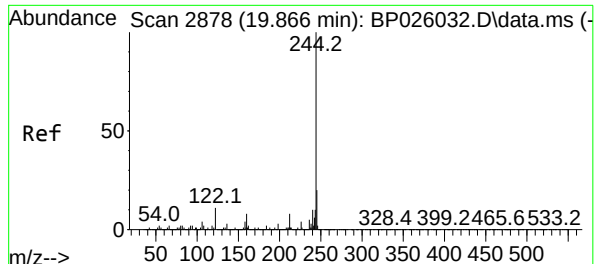
Tgt Ion:184 Resp: 2691261
Ion Ratio Lower Upper
184 100
185 14.3 11.3 16.9
183 11.7 9.0 13.6



#78
Pyrene
Concen: 49.020 ng
RT: 19.648 min Scan# 2841
Delta R.T. 0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:202 Resp: 5584319
Ion Ratio Lower Upper
202 100
200 21.4 16.9 25.3
203 17.7 13.8 20.8

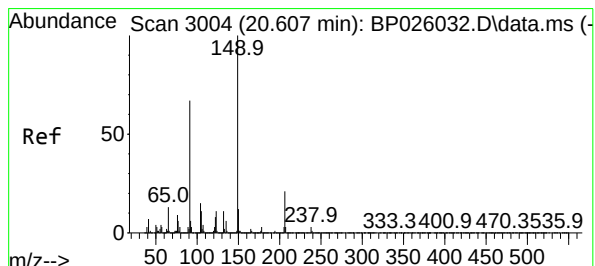
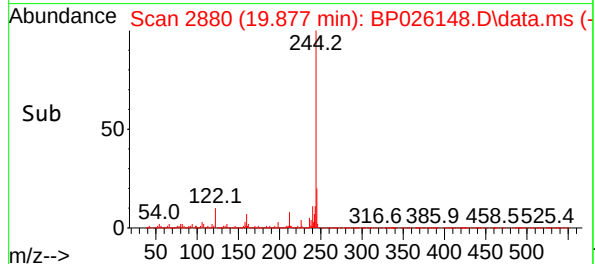
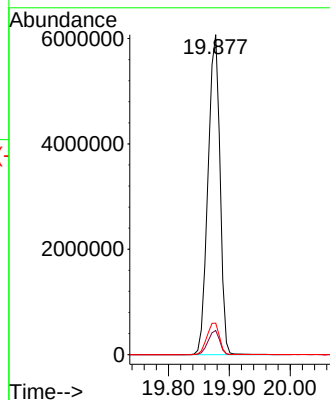
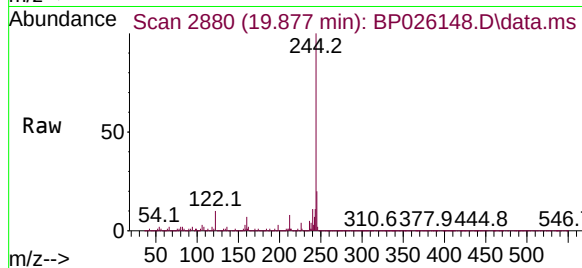




#79
Terphenyl-d14
Concen: 98.986 ng
RT: 19.877 min Scan# 2878
Delta R.T. 0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

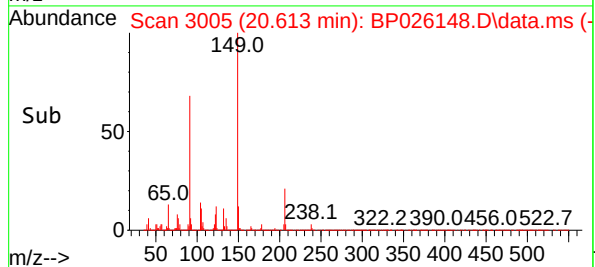
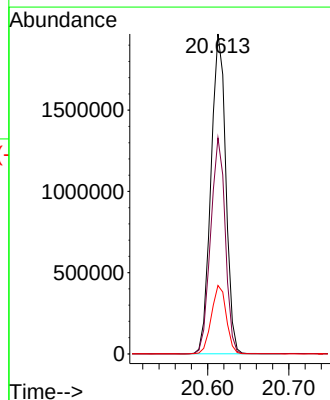
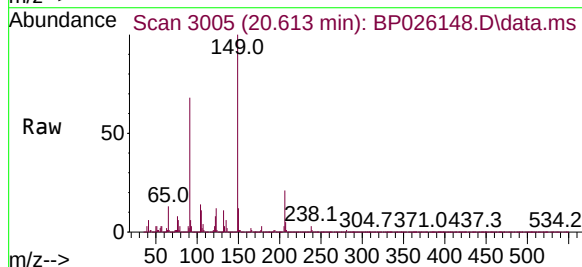
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

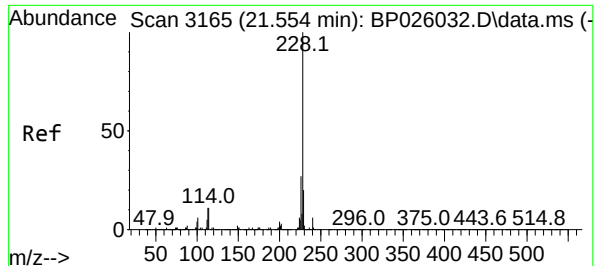
Tgt Ion:244 Resp: 8280260
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.8
122 9.8 8.2 12.2



#80
Butylbenzylphthalate
Concen: 65.680 ng
RT: 20.613 min Scan# 3005
Delta R.T. 0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:149 Resp: 2508473
Ion Ratio Lower Upper
149 100
91 67.5 52.6 79.0
206 21.4 16.9 25.3

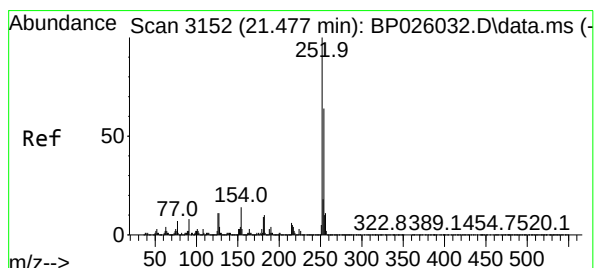
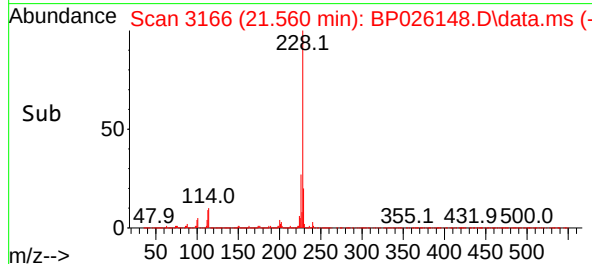
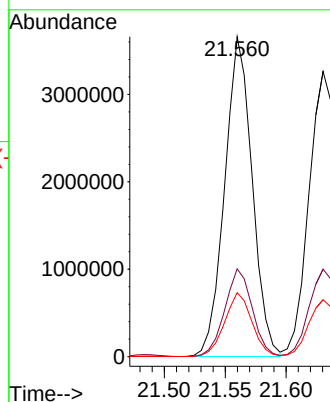
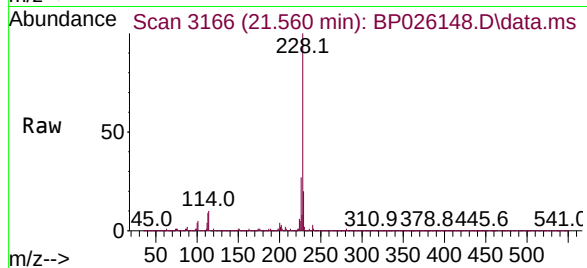




#81
Benzo(a)anthracene
Concen: 49.402 ng
RT: 21.560 min Scan# 3166
Delta R.T. 0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

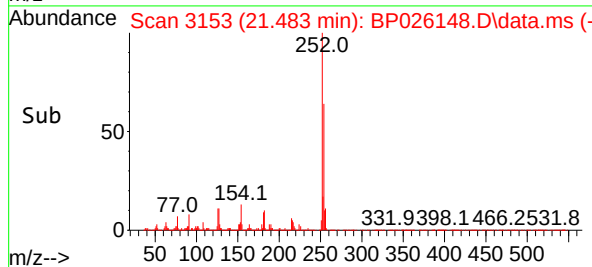
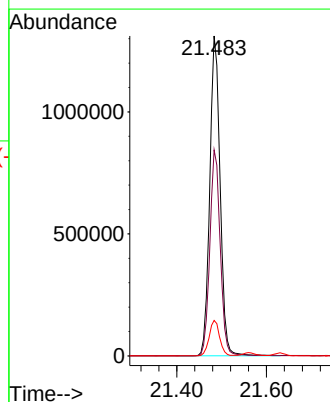
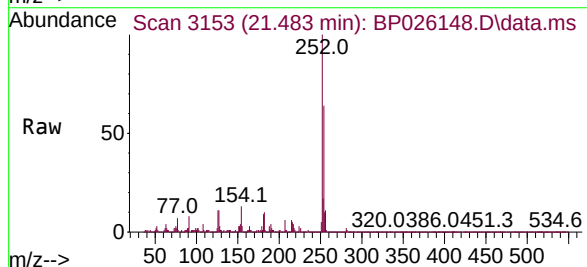
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

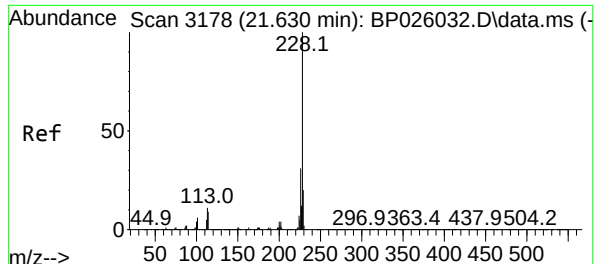
Tgt Ion:228 Resp: 5754455
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.8
229 20.0 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 54.722 ng
RT: 21.483 min Scan# 3153
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:252 Resp: 2099346
Ion Ratio Lower Upper
252 100
254 64.4 51.2 76.8
126 11.1 8.2 12.4





#83

Chrysene

Concen: 48.904 ng

RT: 21.630 min Scan# 3178

Delta R.T. 0.012 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

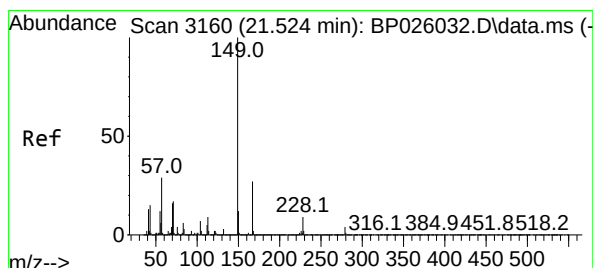
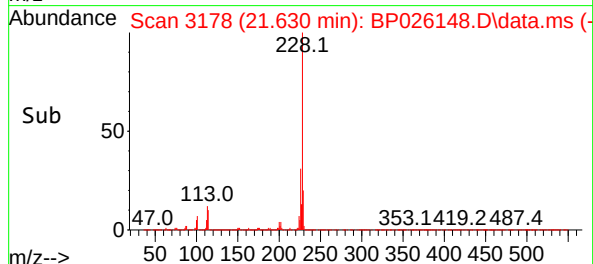
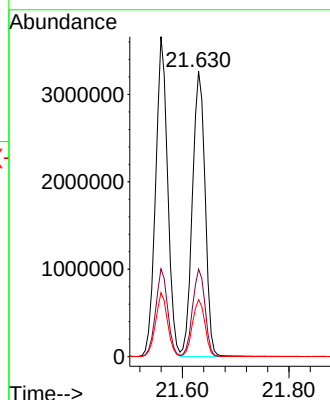
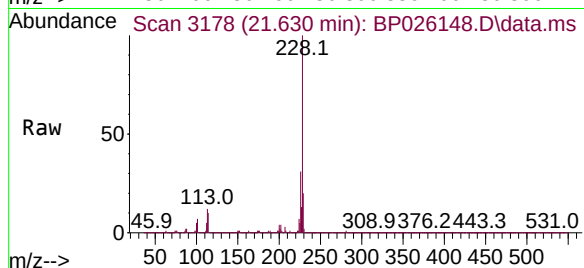
Tgt Ion:228 Resp: 5399638

Ion Ratio Lower Upper

228 100

226 30.7 23.9 35.9

229 20.0 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.805 ng

RT: 21.524 min Scan# 3160

Delta R.T. 0.006 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

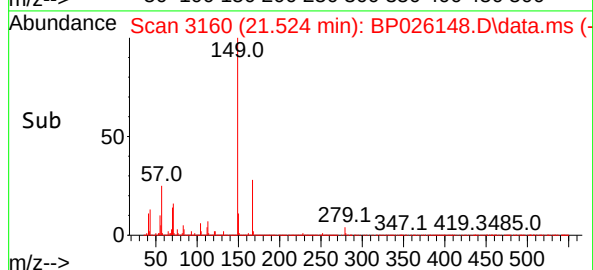
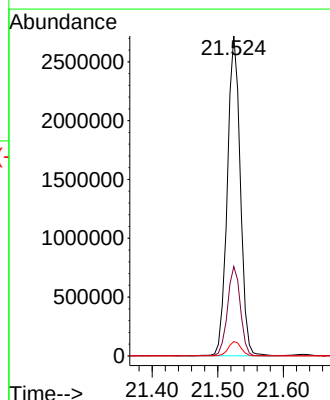
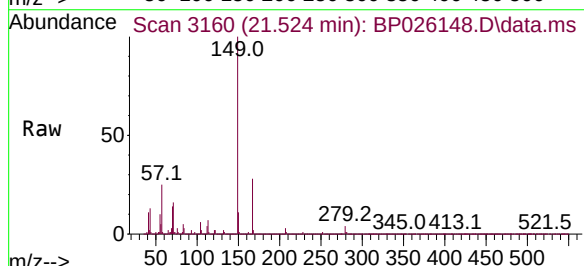
Tgt Ion:149 Resp: 3735211

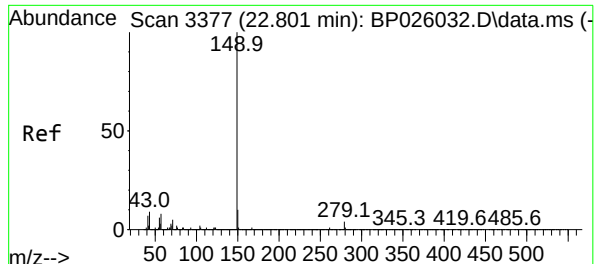
Ion Ratio Lower Upper

149 100

167 27.9 22.1 33.1

279 4.5 3.3 4.9

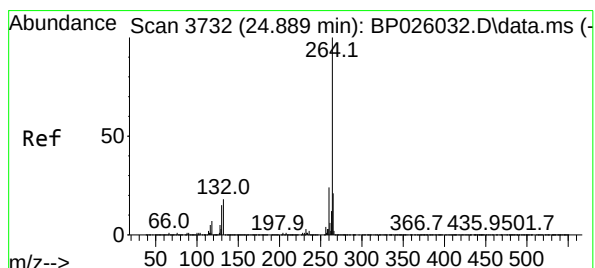
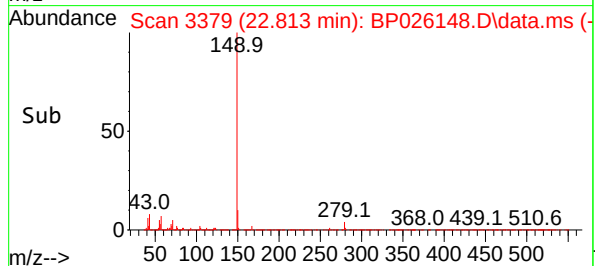
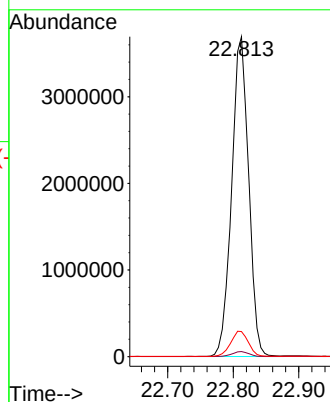
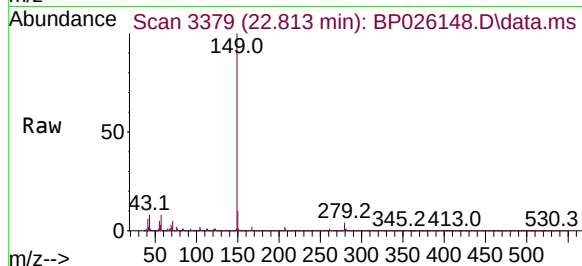




#85
Di-n-octyl phthalate
Concen: 62.248 ng
RT: 22.813 min Scan# 3379
Delta R.T. 0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

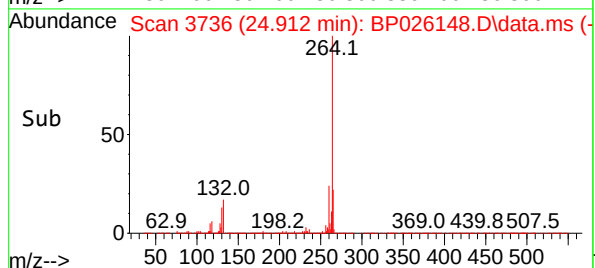
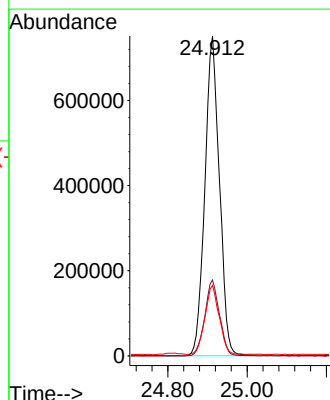
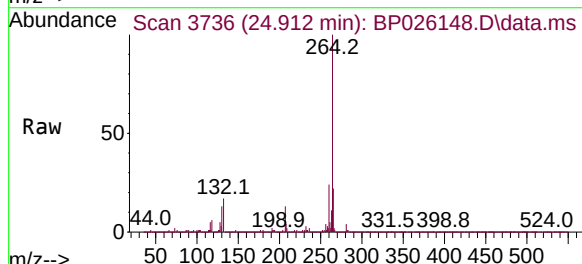
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

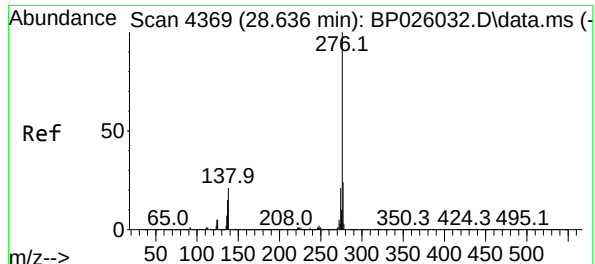
Tgt Ion:149 Resp: 6624425
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.1 6.6 10.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.912 min Scan# 3736
Delta R.T. 0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:264 Resp: 1916962
Ion Ratio Lower Upper
264 100
260 23.8 18.7 28.1
265 22.0 17.5 26.3

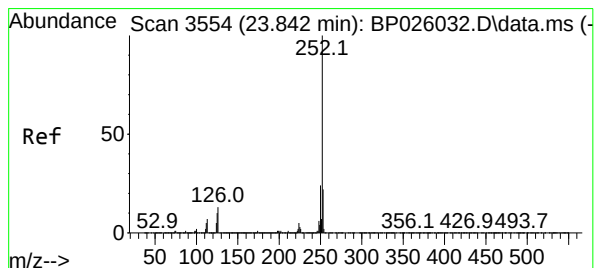
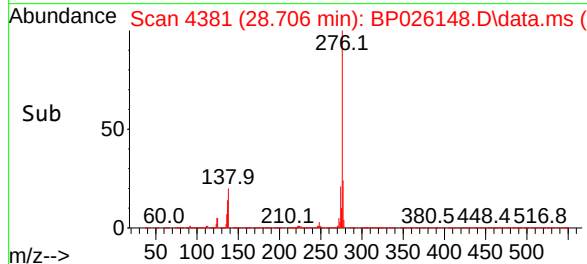
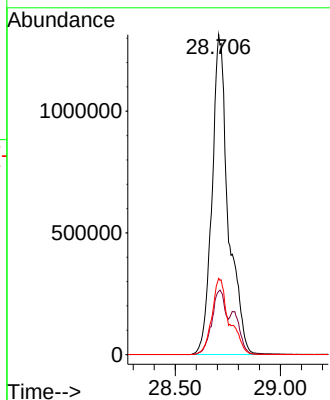
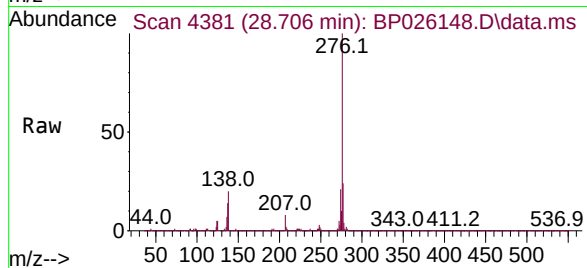




#87
Indeno(1,2,3-cd)pyrene
Concen: 50.540 ng
RT: 28.706 min Scan# 4369
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

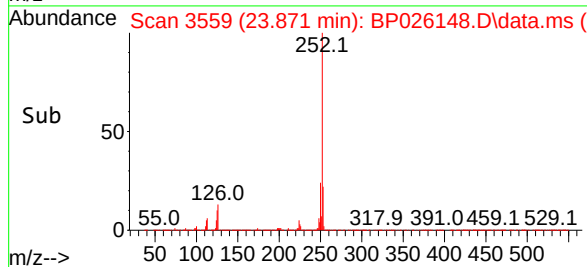
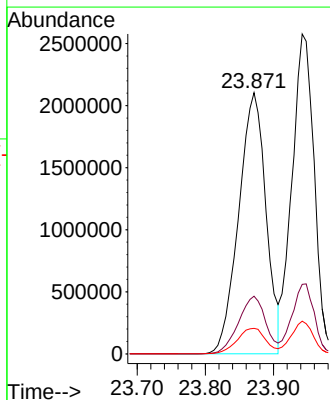
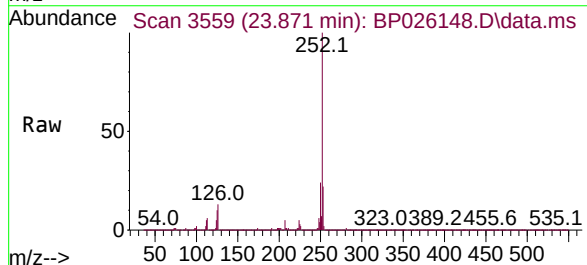
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

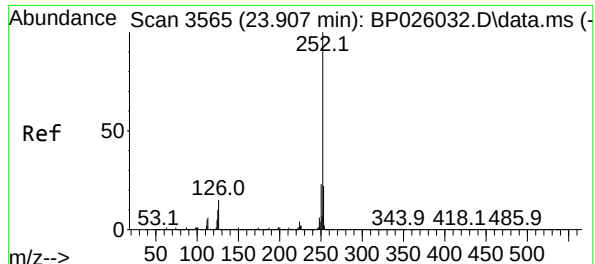
Tgt Ion:276 Resp: 7108078
Ion Ratio Lower Upper
276 100
138 17.3 13.8 20.8
277 25.3 16.7 25.1#



#88
Benzo(b)fluoranthene
Concen: 49.795 ng
RT: 23.871 min Scan# 3559
Delta R.T. 0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:252 Resp: 5855690
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 9.8 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 48.345 ng

RT: 23.942 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

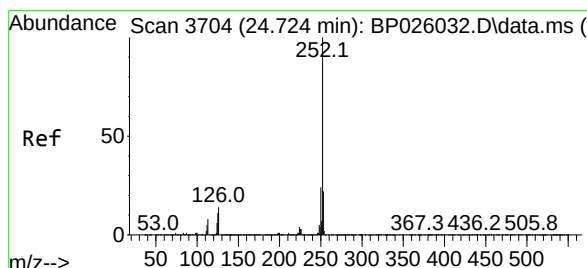
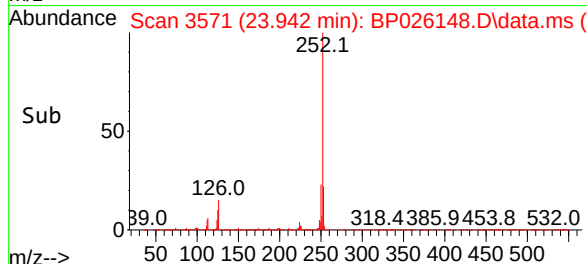
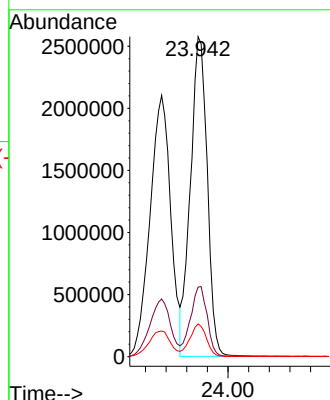
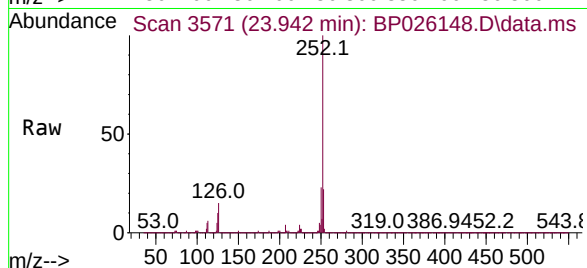
Tgt Ion:252 Resp: 5812408

Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

125 10.2 7.5 11.3



#90

Benzo(a)pyrene

Concen: 50.567 ng

RT: 24.771 min Scan# 3712

Delta R.T. 0.018 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

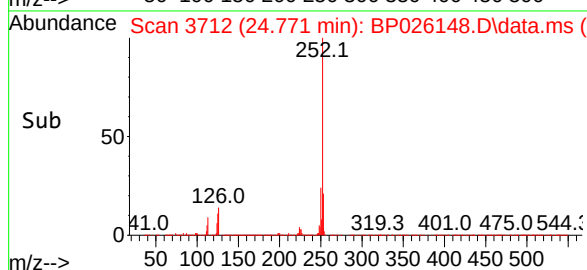
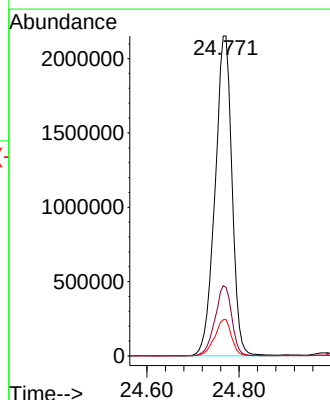
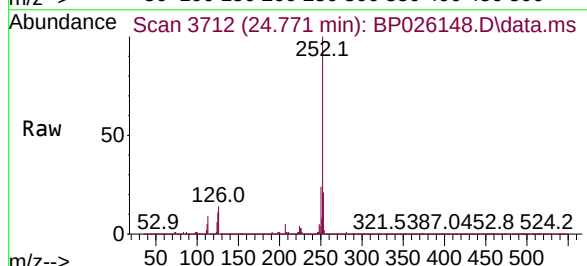
Tgt Ion:252 Resp: 5498511

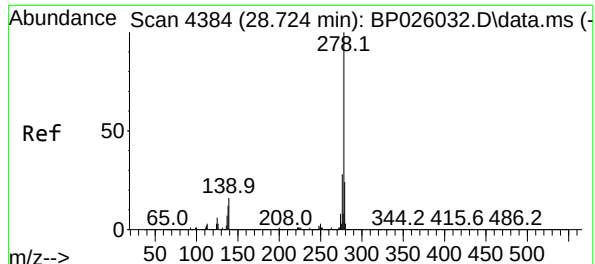
Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.2

125 11.4 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 50.535 ng

RT: 28.777 min Scan# 4384

Delta R.T. -0.018 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

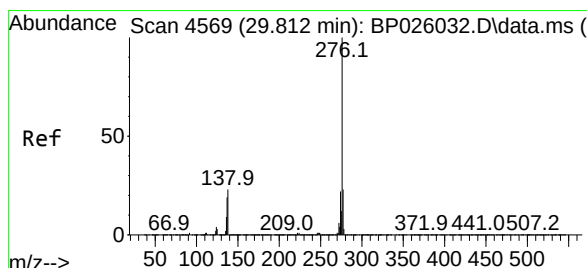
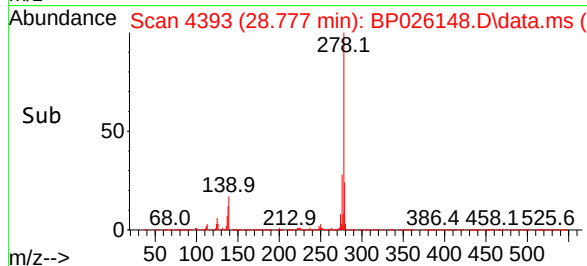
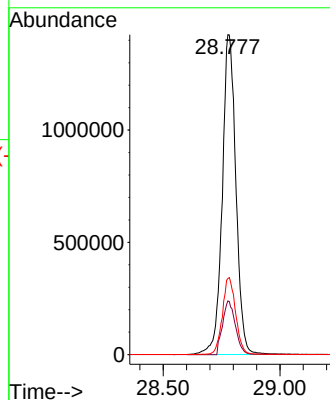
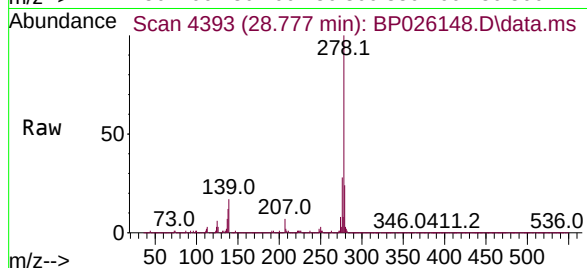
Tgt Ion:278 Resp: 5794869

Ion Ratio Lower Upper

278 100

139 16.8 13.2 19.8

279 23.8 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 51.276 ng

RT: 29.865 min Scan# 4578

Delta R.T. -0.018 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

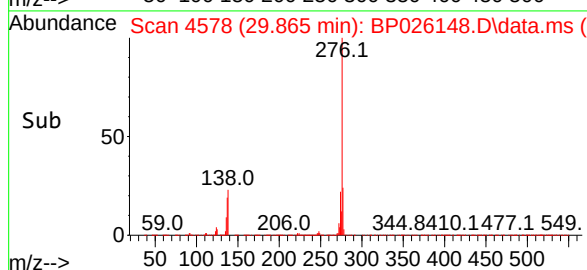
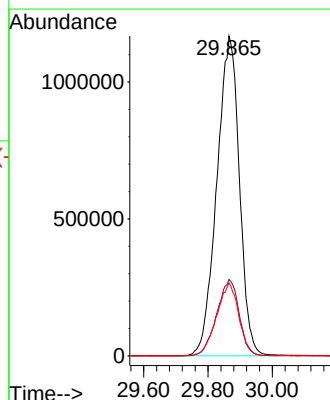
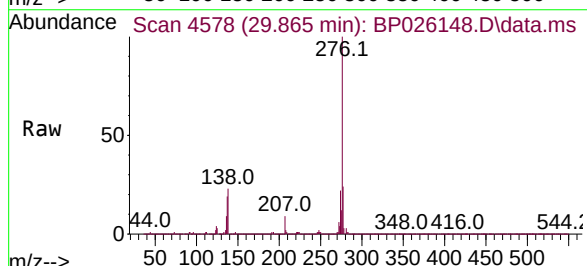
Tgt Ion:276 Resp: 5679489

Ion Ratio Lower Upper

276 100

277 23.9 18.8 28.2

138 22.8 17.8 26.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
 Data File : BP026149.D
 Acq On : 18 Nov 2025 20:00
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
 Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 19 01:14:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 01:06:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.672	152	314197	20.000	ng	0.00
21) Naphthalene-d8	10.443	136	1293043	20.000	ng	0.00
39) Acenaphthene-d10	14.319	164	796804	20.000	ng	0.00
64) Phenanthrene-d10	17.131	188	1609780	20.000	ng	0.00
76) Chrysene-d12	21.583	240	1696557	20.000	ng	0.01
86) Perylene-d12	24.924	264	2032089	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.290	112	2372047	121.142	ng	0.00
7) Phenol-d6	6.855	99	3028199	121.372	ng	0.00
23) Nitrobenzene-d5	8.813	82	2754539	120.813	ng	0.00
42) 2,4,6-Tribromophenol	15.837	330	1244554	120.534	ng	0.00
45) 2-Fluorobiphenyl	12.925	172	6333636	115.965	ng	0.00
79) Terphenyl-d14	19.872	244	9339644	112.262	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.220	88	476245	59.785	ng	99
3) Pyridine	3.614	79	1382108	60.186	ng	99
4) n-Nitrosodimethylamine	3.520	42	517563	60.473	ng	95
6) Aniline	7.008	93	2004653	60.994	ng	99
8) 2-Chlorophenol	7.243	128	1356198	60.900	ng	99
9) Benzaldehyde	6.819	77	765301	71.224	ng	99
10) Phenol	6.878	94	1642143	61.164	ng	99
11) bis(2-Chloroethyl)ether	7.102	93	1261123	60.197	ng	99
12) 1,3-Dichlorobenzene	7.561	146	1430521	59.655	ng	100
13) 1,4-Dichlorobenzene	7.708	146	1443827	59.788	ng	100
14) 1,2-Dichlorobenzene	8.019	146	1385870	59.657	ng	99
15) Benzyl Alcohol	7.908	79	1096741	60.077	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.196	45	1745357	58.925	ng	99
17) 2-Methylphenol	8.108	107	1112503	60.841	ng	99
18) Hexachloroethane	8.743	117	525228	59.675	ng	97
19) n-Nitroso-di-n-propyla...	8.472	70	919437	59.177	ng	99
20) 3+4-Methylphenols	8.437	107	1508814	59.338	ng	100
22) Acetophenone	8.484	105	1966749	59.787	ng	# 99
24) Nitrobenzene	8.855	77	1394959	60.453	ng	100
25) Isophorone	9.384	82	2661277	58.787	ng	99
26) 2-Nitrophenol	9.555	139	744625	64.005	ng	99
27) 2,4-Dimethylphenol	9.625	122	1267624	60.144	ng	99
28) bis(2-Chloroethoxy)met...	9.855	93	1650883	58.243	ng	99
29) 2,4-Dichlorophenol	10.090	162	1279059	60.911	ng	99
30) 1,2,4-Trichlorobenzene	10.307	180	1271878	59.435	ng	99
31) Naphthalene	10.496	128	4106445	58.487	ng	99
32) Benzoic acid	9.802	122	1274317	75.148	ng	98
33) 4-Chloroaniline	10.596	127	1774806	59.551	ng	99
34) Hexachlorobutadiene	10.784	225	820866	58.957	ng	99
35) Caprolactam	11.390	113	442308	58.493	ng	99
36) 4-Chloro-3-methylphenol	11.731	107	1333194	59.672	ng	99
37) 2-Methylnaphthalene	12.107	142	2892574	58.205	ng	100
38) 1-Methylnaphthalene	12.331	142	2826038	58.118	ng	99
40) 1,2,4,5-Tetrachloroben...	12.484	216	1458024	60.722	ng	100
41) Hexachlorocyclopentadiene	12.466	237	999826	63.796	ng	100
43) 2,4,6-Trichlorophenol	12.719	196	1019369	61.691	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
 Data File : BP026149.D
 Acq On : 18 Nov 2025 20:00
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
 Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 19 01:14:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 01:06:38 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.796	196	1129527	61.302	ng	99
46) 1,1'-Biphenyl	13.131	154	3595006	60.111	ng	100
47) 2-Chloronaphthalene	13.172	162	2855986	60.741	ng	100
48) 2-Nitroaniline	13.372	65	833079	63.445	ng	97
49) Acenaphthylene	14.031	152	4662622	59.935	ng	100
50) Dimethylphthalate	13.766	163	3514882	59.198	ng	100
51) 2,6-Dinitrotoluene	13.884	165	748865	63.777	ng	98
52) Acenaphthene	14.384	154	2756036	60.573	ng	100
53) 3-Nitroaniline	14.219	138	878733	63.349	ng	99
54) 2,4-Dinitrophenol	14.419	184	462858	65.711	ng	97
55) Dibenzofuran	14.725	168	4154597	58.432	ng	99
56) 4-Nitrophenol	14.543	139	775308	61.570	ng	99
57) 2,4-Dinitrotoluene	14.684	165	1112352	63.016	ng	99
58) Fluorene	15.390	166	3230615	57.477	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.960	232	945836	60.606	ng	100
60) Diethylphthalate	15.166	149	3494483	58.065	ng	99
61) 4-Chlorophenyl-phenyle...	15.390	204	1609638	57.693	ng	98
62) 4-Nitroaniline	15.407	138	898849	61.908	ng	99
63) Azobenzene	15.690	77	2992722	59.189	ng	99
65) 4,6-Dinitro-2-methylph...	15.466	198	645829	63.752	ng	97
66) n-Nitrosodiphenylamine	15.607	169	2939838	59.025	ng	100
67) 4-Bromophenyl-phenylether	16.301	248	1064991	59.865	ng	98
68) Hexachlorobenzene	16.419	284	1225655	59.631	ng	98
69) Atrazine	16.589	200	1106977	59.021	ng	99
70) Pentachlorophenol	16.766	266	870320	60.353	ng	99
71) Phenanthrene	17.172	178	5259509	57.751	ng	100
72) Anthracene	17.266	178	5478029	58.894	ng	99
73) Carbazole	17.548	167	5069471	57.610	ng	99
74) Di-n-butylphthalate	18.154	149	5907343	56.562	ng	100
75) Fluoranthene	19.266	202	6367611	57.206	ng	100
77) Benzidine	19.466	184	3022349	57.876	ng	100
78) Pyrene	19.642	202	6627085	59.952	ng	99
80) Butylbenzylphthalate	20.607	149	2824354	57.369	ng	99
81) Benzo(a)anthracene	21.566	228	6873070	59.071	ng	99
82) 3,3'-Dichlorobenzidine	21.489	252	2496806	59.050	ng	99
83) Chrysene	21.630	228	6511651	59.444	ng	99
84) Bis(2-ethylhexyl)phtha...	21.525	149	4143037	56.063	ng	99
85) Di-n-octyl phthalate	22.813	149	7466824	57.415	ng	99
87) Indeno(1,2,3-cd)pyrene	28.724	276	9332480m	61.647	ng	
88) Benzo(b)fluoranthene	23.877	252	7316006	59.218	ng	99
89) Benzo(k)fluoranthene	23.954	252	7264550	58.835	ng	99
90) Benzo(a)pyrene	24.765	252	6987741	59.626	ng	99
91) Dibenzo(a,h)anthracene	28.795	278	7590692	61.180	ng	99
92) Benzo(g,h,i)perylene	29.883	276	7581255	61.561	ng	99

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

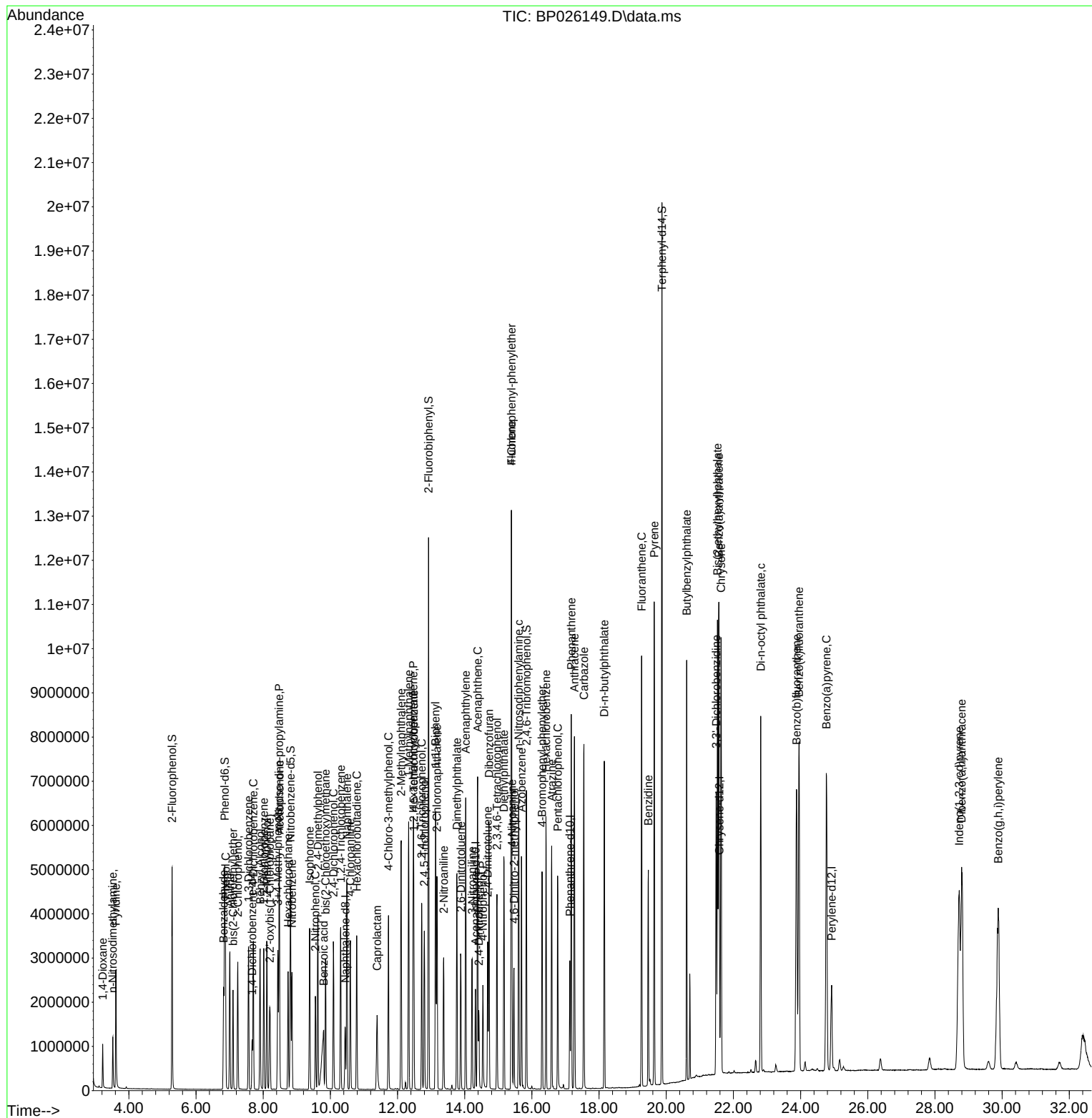
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Operator  : RC/JU  
Sample    : SSTDICC060  
Misc      :  
ALS Vial  : 10    Sample Multiplier: 1
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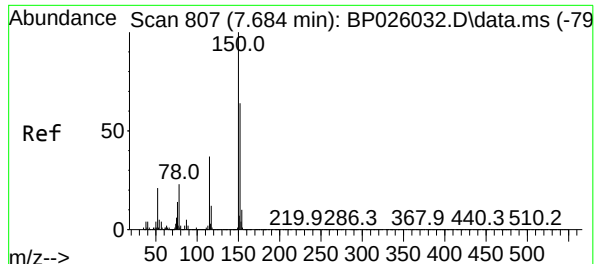
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 19 01:14:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:06:38 2025
Response via : Initial Calibration





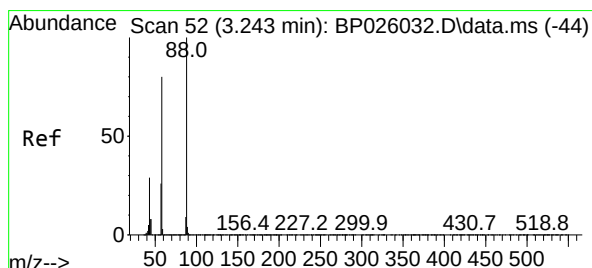
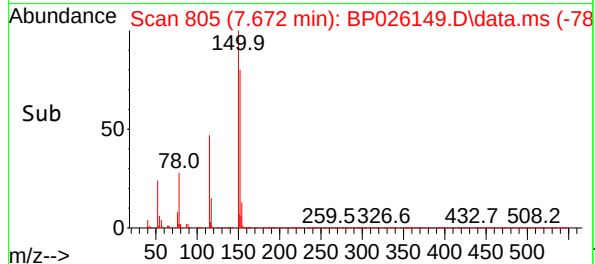
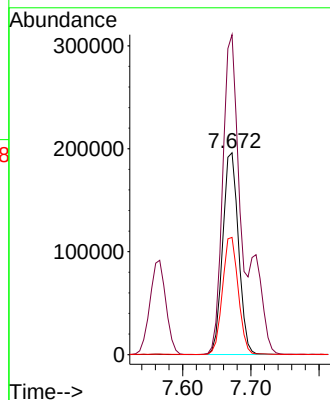
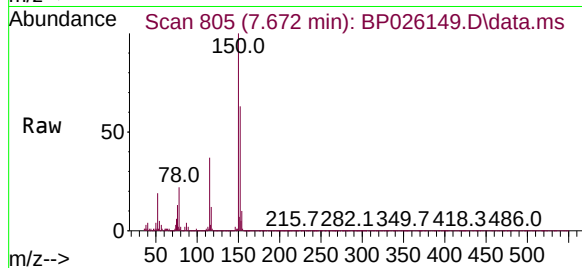
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.672 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 314197
Ion Ratio Lower Upper
152 100
150 158.6 123.0 184.6
115 58.1 46.3 69.5

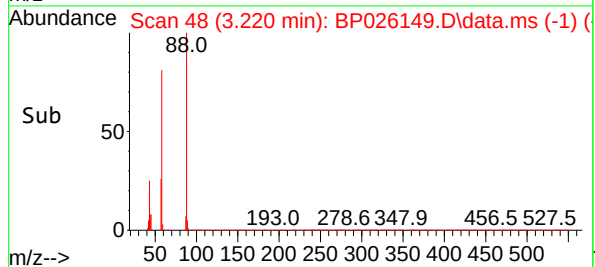
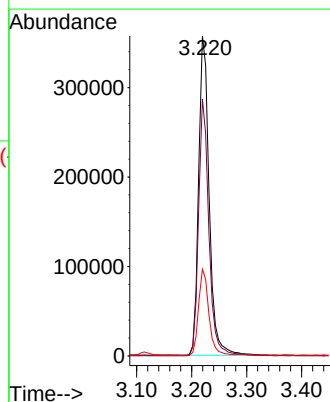
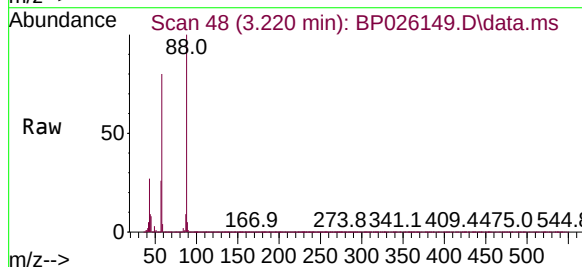
Manual Integrations
APPROVED

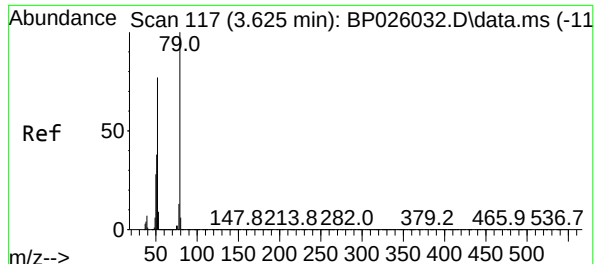
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#2
1,4-Dioxane
Concen: 59.785 ng
RT: 3.220 min Scan# 48
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

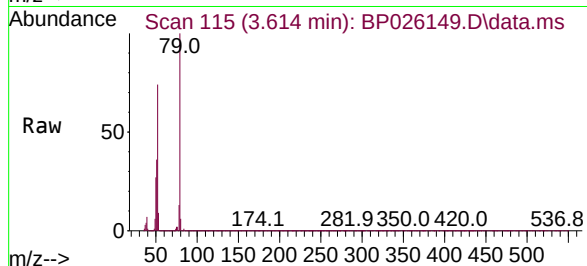
Tgt Ion: 88 Resp: 476245
Ion Ratio Lower Upper
88 100
58 79.0 64.2 96.4
43 26.7 21.5 32.3





#3
Pyridine
Concen: 60.186 ng
RT: 3.614 min Scan# 117
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

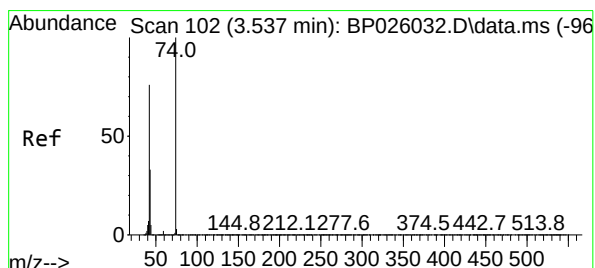
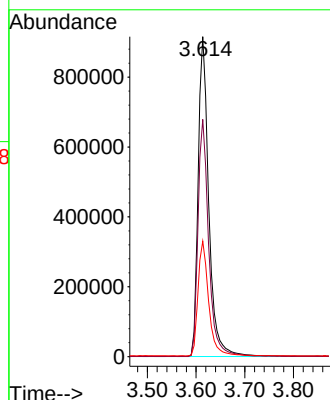
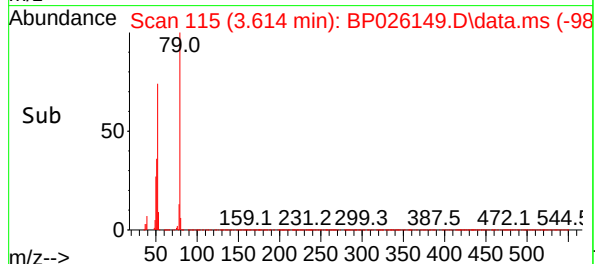
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion: 79 Resp: 1382108
Ion Ratio Lower Upper
79 100
52 74.1 60.2 90.2
51 36.1 29.5 44.3

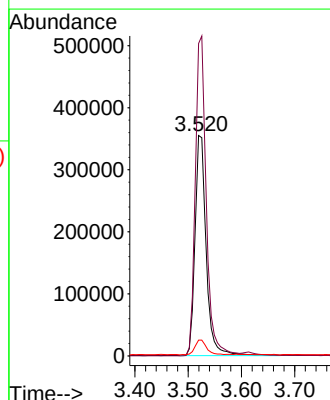
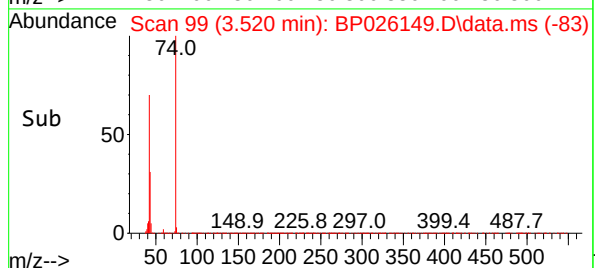
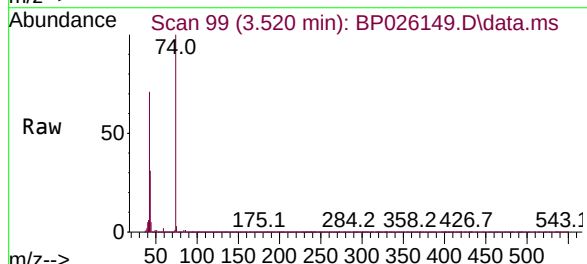
Manual Integrations
APPROVED

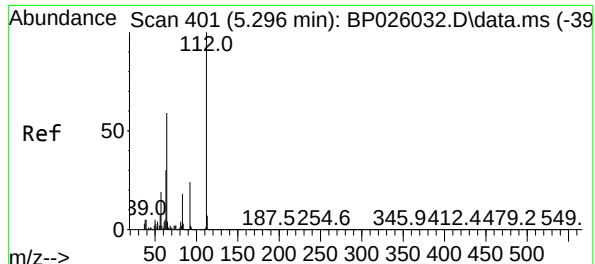
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#4
n-Nitrosodimethylamine
Concen: 60.473 ng
RT: 3.520 min Scan# 99
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion: 42 Resp: 517563
Ion Ratio Lower Upper
42 100
74 141.8 118.1 177.1
44 7.2 6.2 9.4





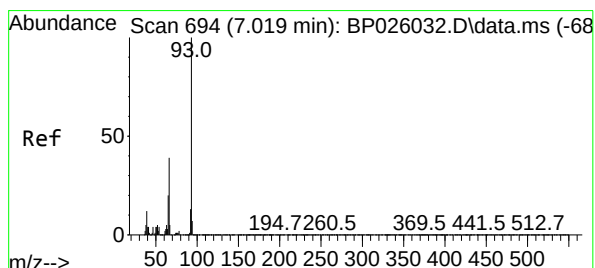
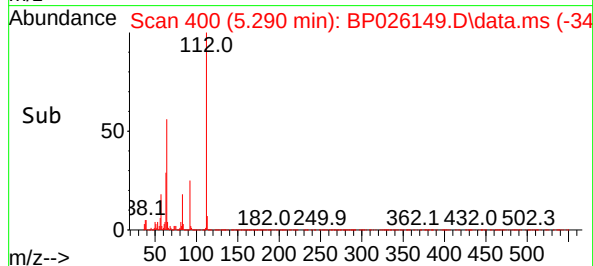
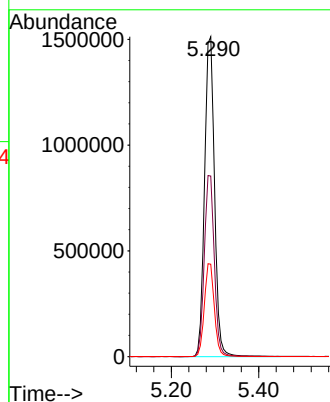
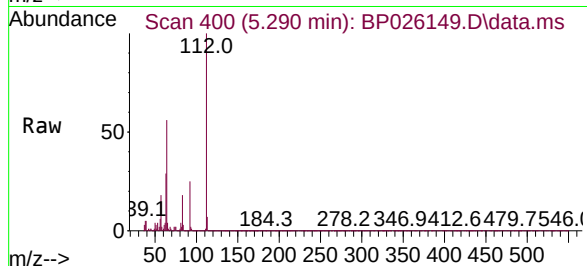
#5
2-Fluorophenol
Concen: 121.142 ng
RT: 5.290 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Instrument :
BNA_P
Client SampleId :
SSTDICC060

Tgt Ion: 112 Resp: 2372047
Ion Ratio Lower Upper
112 100
64 56.4 45.8 68.6
63 28.9 23.5 35.3

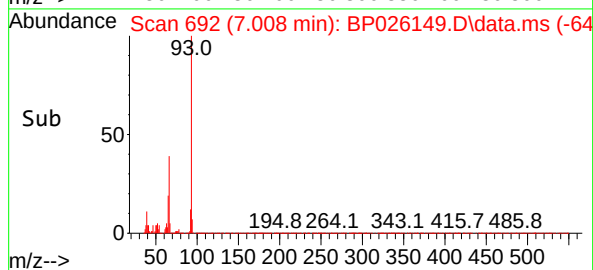
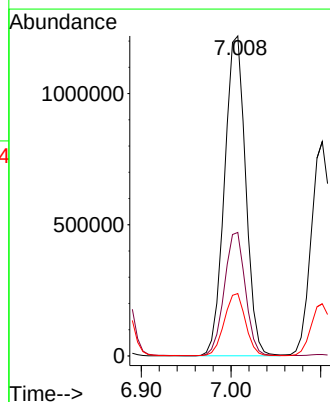
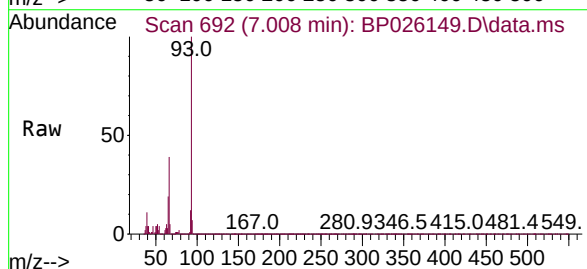
Manual Integrations
APPROVED

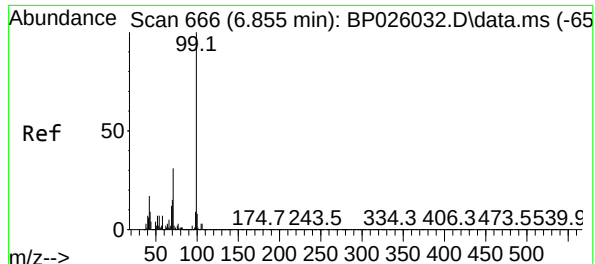
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#6
Aniline
Concen: 60.994 ng
RT: 7.008 min Scan# 692
Delta R.T. 0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

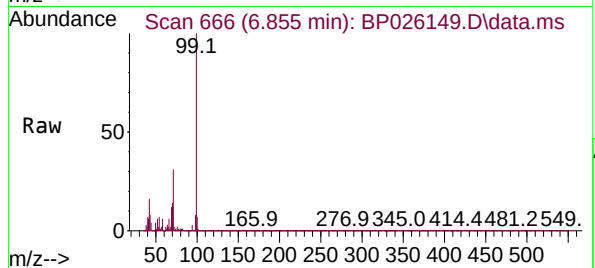
Tgt Ion: 93 Resp: 2004653
Ion Ratio Lower Upper
93 100
66 38.6 31.7 47.5
65 19.5 15.8 23.6





#7
Phenol-d6
Concen: 121.372 ng
RT: 6.855 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

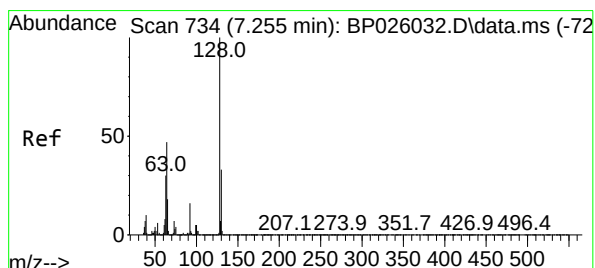
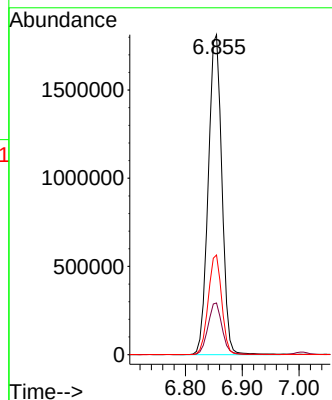
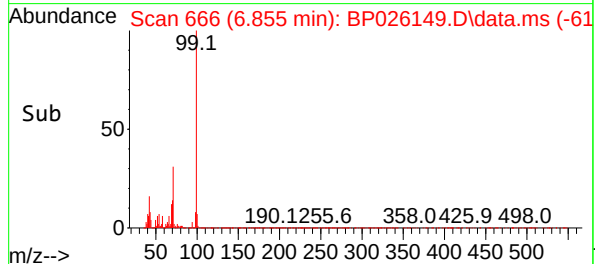
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion: 99 Resp: 3028199
Ion Ratio Lower Upper
99 100
42 16.1 12.9 19.3
71 31.1 24.8 37.2

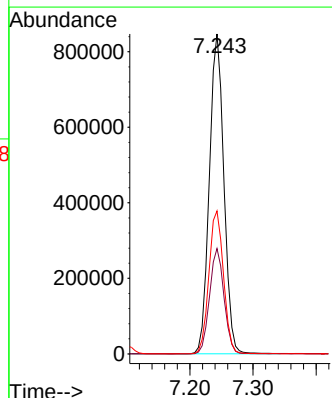
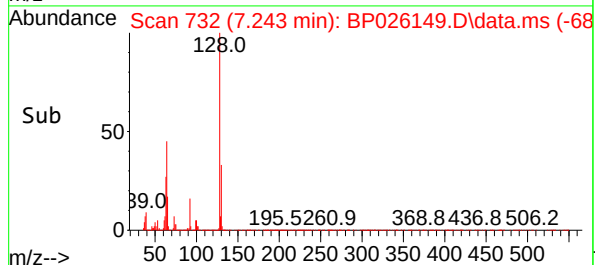
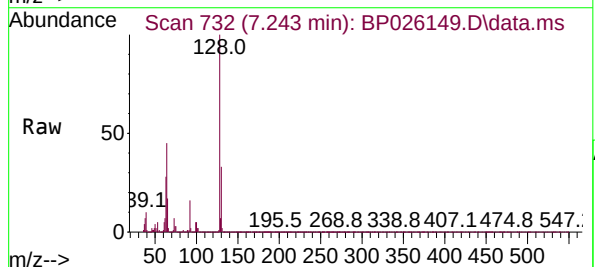
Manual Integrations
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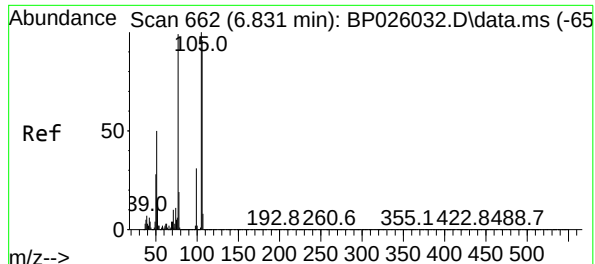
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#8
2-Chlorophenol
Concen: 60.900 ng
RT: 7.243 min Scan# 732
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:128 Resp: 1356198
Ion Ratio Lower Upper
128 100
130 32.9 12.4 52.4
64 44.7 23.9 63.9





#9

Benzaldehyde

Concen: 71.224 ng

RT: 6.819 min Scan# 60

Delta R.T. 0.000 min

Lab File: BP026149.D

Acq: 18 Nov 2025 20:00

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion: 77 Resp: 76530

Ion Ratio Lower Upper

77 100

105 104.0 82.9 122.9

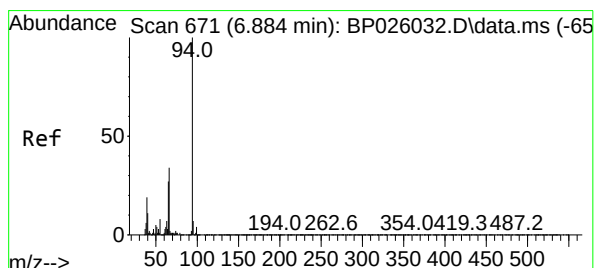
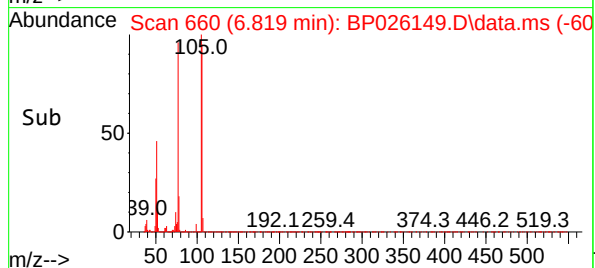
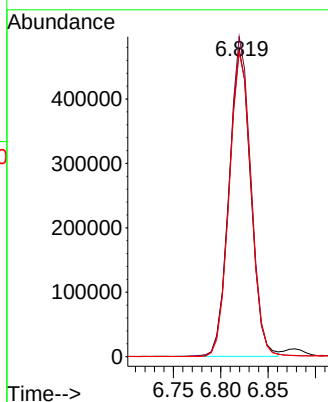
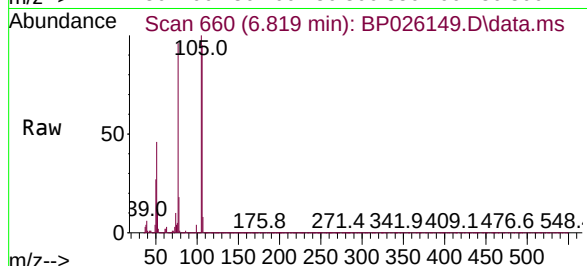
106 98.9 77.8 117.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#10

Phenol

Concen: 61.164 ng

RT: 6.878 min Scan# 670

Delta R.T. 0.000 min

Lab File: BP026149.D

Acq: 18 Nov 2025 20:00

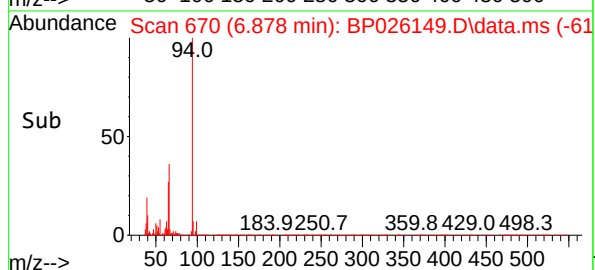
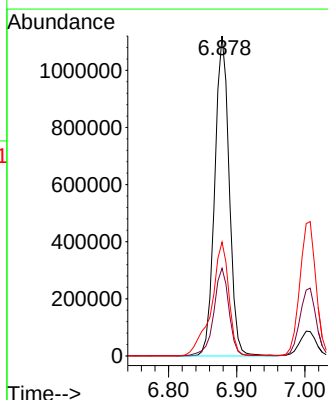
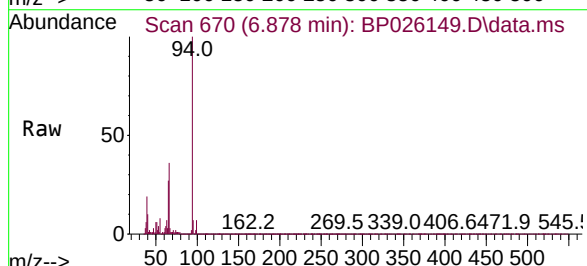
Tgt Ion: 94 Resp: 1642143

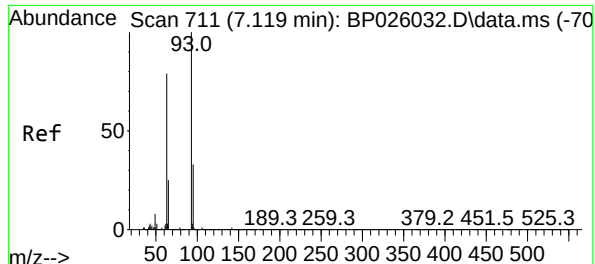
Ion Ratio Lower Upper

94 100

65 27.4 7.0 47.0

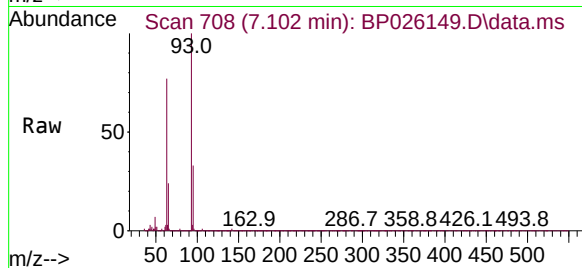
66 35.6 14.5 54.5





#11
bis(2-Chloroethyl)ether
Concen: 60.197 ng
RT: 7.102 min Scan# 70
Delta R.T. 0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

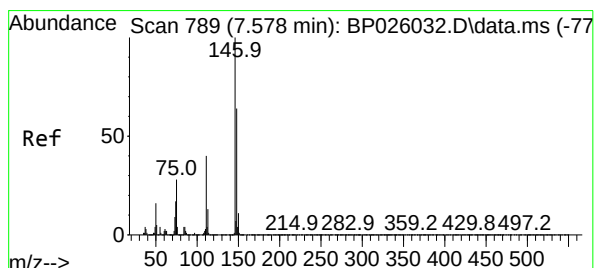
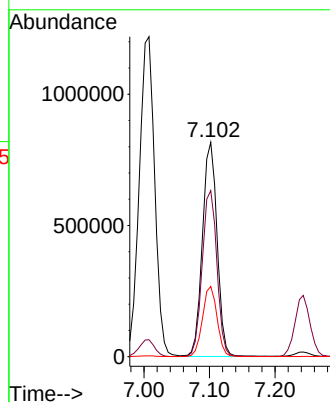
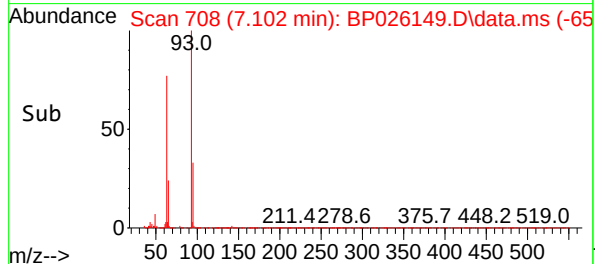
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion: 93 Resp: 1261123
Ion Ratio Lower Upper
93 100
63 77.5 58.8 98.8
95 32.7 12.1 52.1

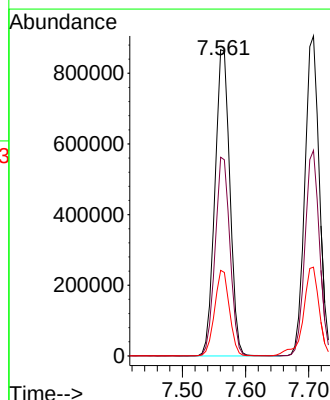
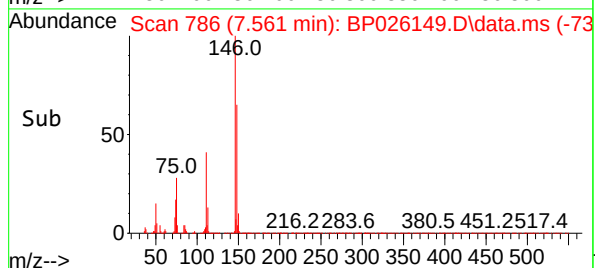
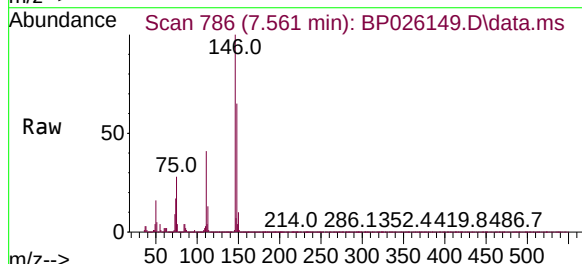
Manual Integrations
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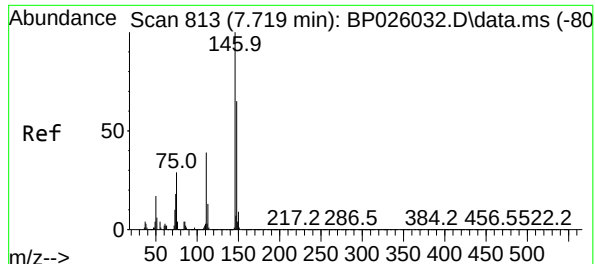
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#12
1,3-Dichlorobenzene
Concen: 59.655 ng
RT: 7.561 min Scan# 786
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:146 Resp: 1430521
Ion Ratio Lower Upper
146 100
148 64.9 51.8 77.8
75 28.0 22.2 33.2





#13

1,4-Dichlorobenzene

Concen: 59.788 ng

RT: 7.708 min Scan# 81

Delta R.T. 0.006 min

Lab File: BP026149.D

Acq: 18 Nov 2025 20:00

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:146 Resp: 144382

Ion Ratio Lower Upper

146 100

148 64.2 51.4 77.2

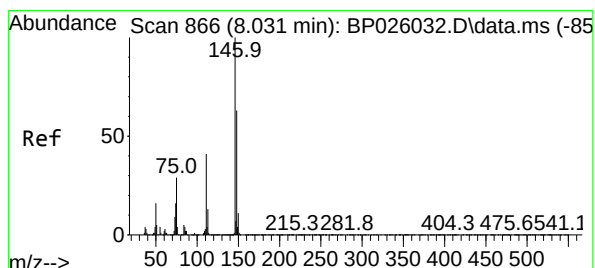
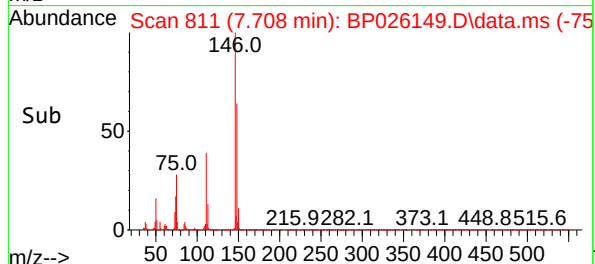
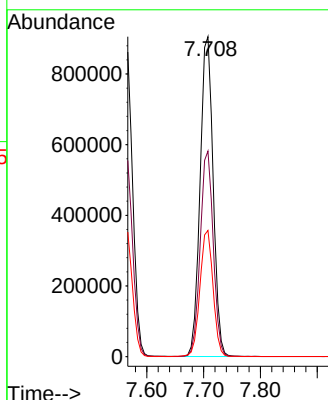
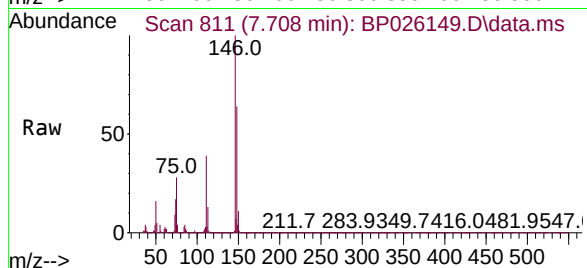
111 39.4 31.7 47.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#14

1,2-Dichlorobenzene

Concen: 59.657 ng

RT: 8.019 min Scan# 864

Delta R.T. 0.006 min

Lab File: BP026149.D

Acq: 18 Nov 2025 20:00

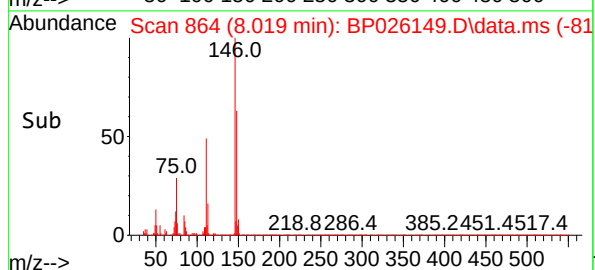
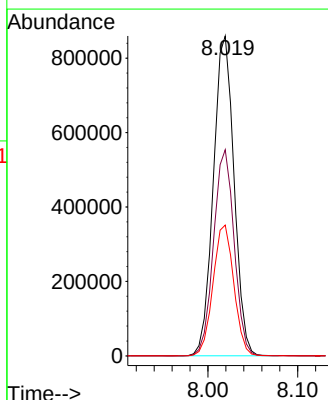
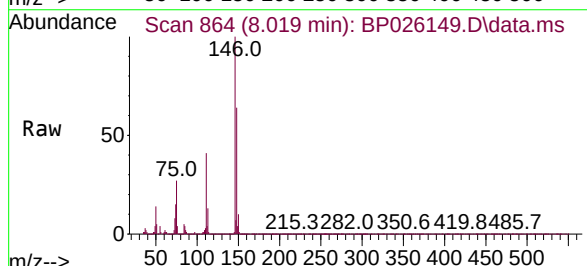
Tgt Ion:146 Resp: 1385870

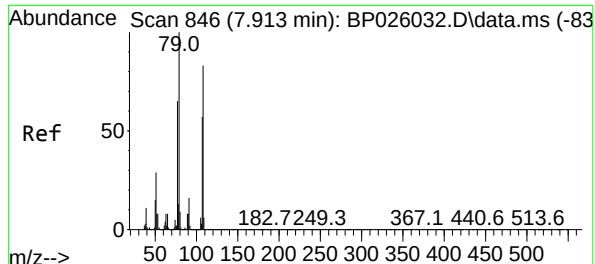
Ion Ratio Lower Upper

146 100

148 64.4 51.0 76.6

111 40.9 33.0 49.4





#15

Benzyl Alcohol

Concen: 60.077 ng

RT: 7.908 min Scan# 84

Delta R.T. 0.000 min

Lab File: BP026149.D

Acq: 18 Nov 2025 20:00

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion: 79 Resp: 109674

Ion Ratio Lower Upper

79 100

108 82.6 66.2 99.4

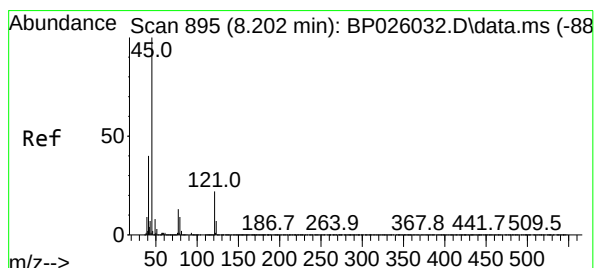
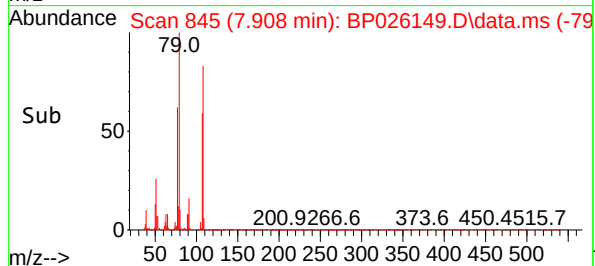
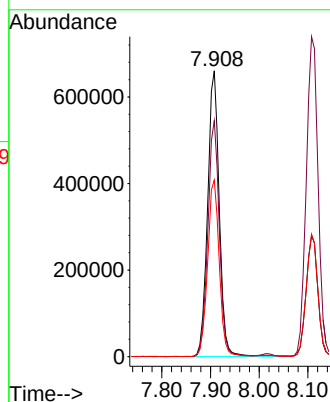
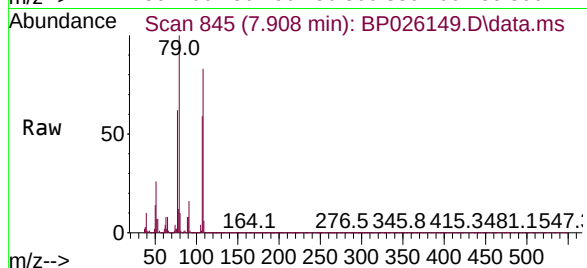
77 61.8 50.0 75.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 58.925 ng

RT: 8.196 min Scan# 894

Delta R.T. 0.000 min

Lab File: BP026149.D

Acq: 18 Nov 2025 20:00

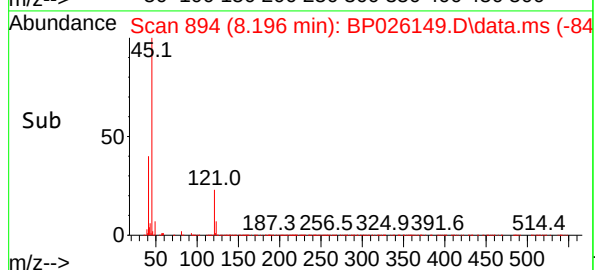
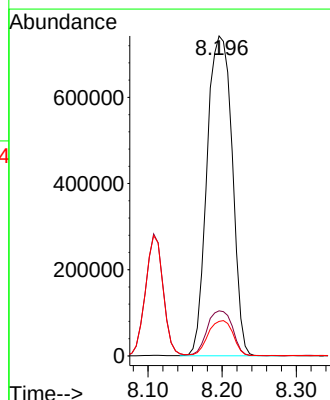
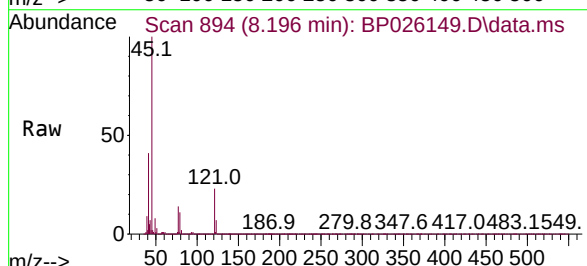
Tgt Ion: 45 Resp: 1745357

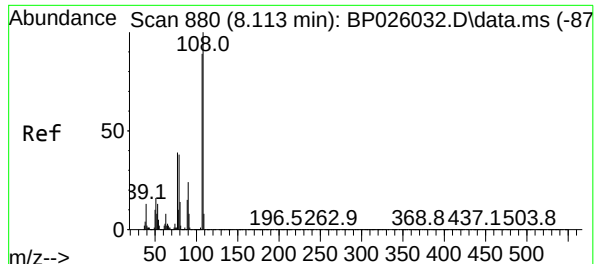
Ion Ratio Lower Upper

45 100

77 14.1 0.0 33.9

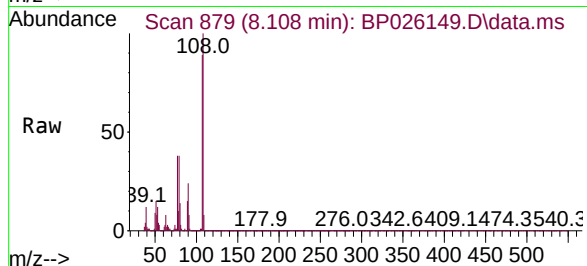
79 10.8 0.0 30.4





#17
2-Methylphenol
Concen: 60.841 ng
RT: 8.108 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

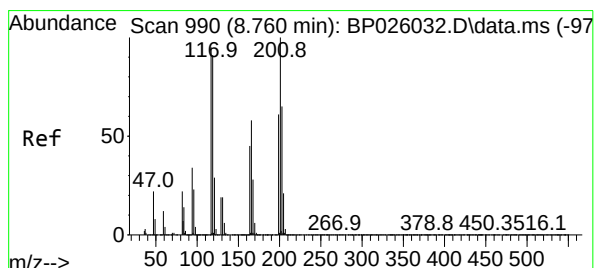
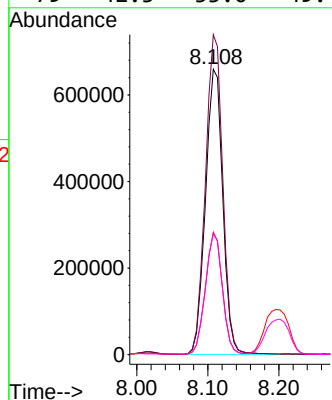
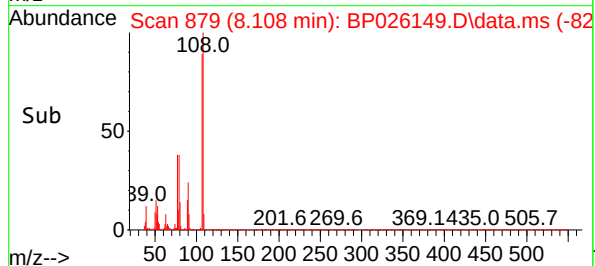
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion:107 Resp: 1112503
Ion Ratio Lower Upper
107 100
108 112.1 89.7 134.5
77 42.9 33.9 50.9
79 42.3 33.0 49.4

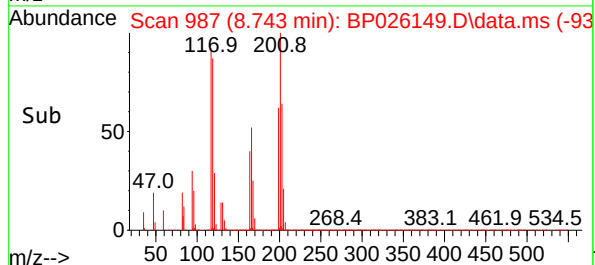
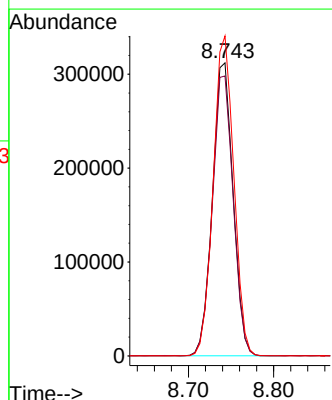
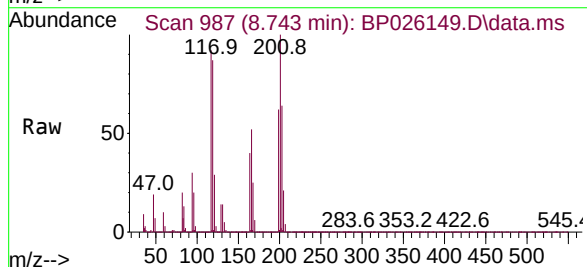
Manual Integrations
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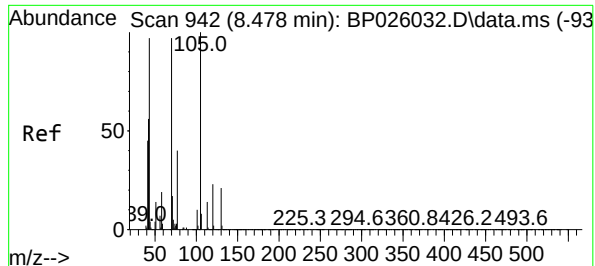
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#18
Hexachloroethane
Concen: 59.675 ng
RT: 8.743 min Scan# 987
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:117 Resp: 525228
Ion Ratio Lower Upper
117 100
119 95.5 78.7 118.1
201 109.2 85.1 127.7





#19

n-Nitroso-di-n-propylamine

Concen: 59.177 ng

RT: 8.472 min Scan# 94

Delta R.T. 0.000 min

Lab File: BP026149.D

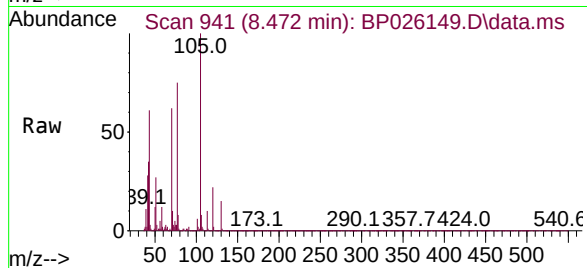
Acq: 18 Nov 2025 20:00

Instrument :

BNA_P

ClientSampleId :

SSTDICC060



Tgt Ion: 70 Resp: 91943

Ion Ratio Lower Upper

70 100

42 55.7 44.1 66.1

101 10.4 8.2 12.4

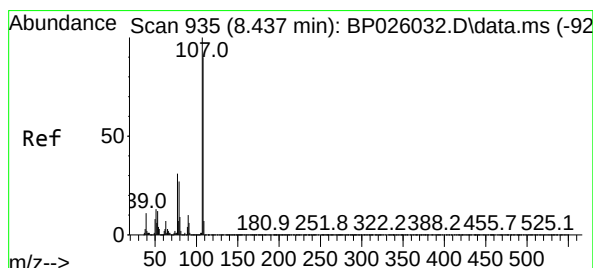
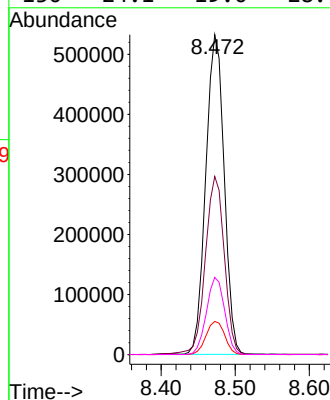
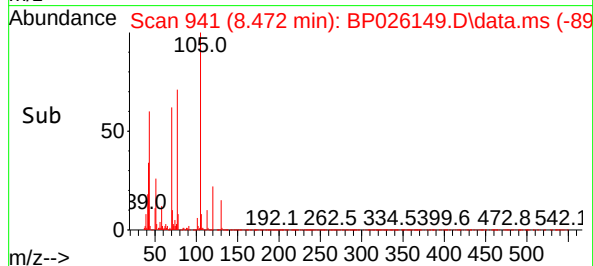
130 24.1 19.0 28.4

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#20

3+4-Methylphenols

Concen: 59.338 ng

RT: 8.437 min Scan# 935

Delta R.T. 0.000 min

Lab File: BP026149.D

Acq: 18 Nov 2025 20:00

Tgt Ion:107 Resp: 1508814

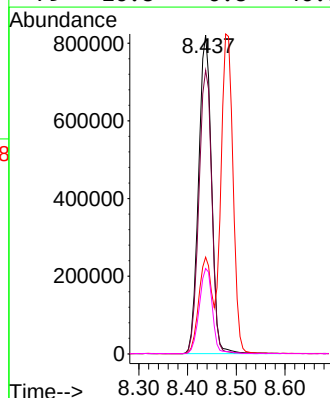
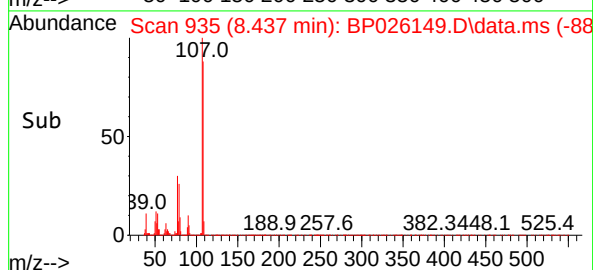
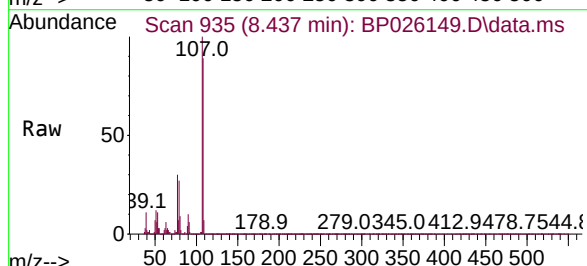
Ion Ratio Lower Upper

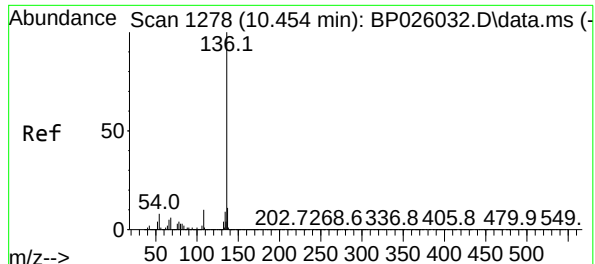
107 100

108 89.0 68.9 108.9

77 30.4 10.4 50.4

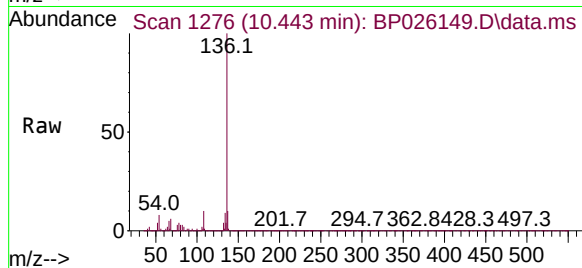
79 26.8 6.8 46.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.443 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

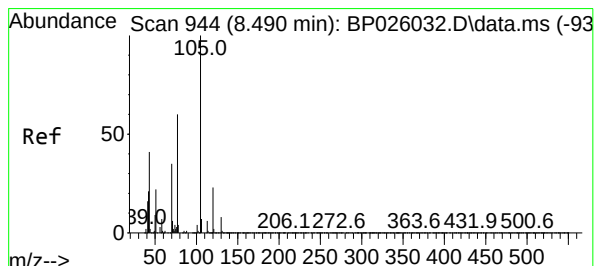
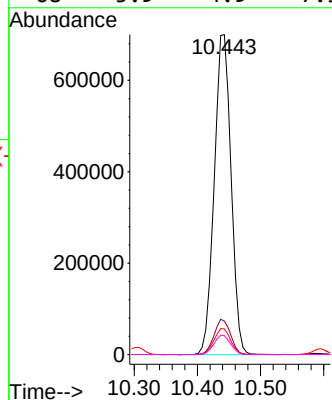
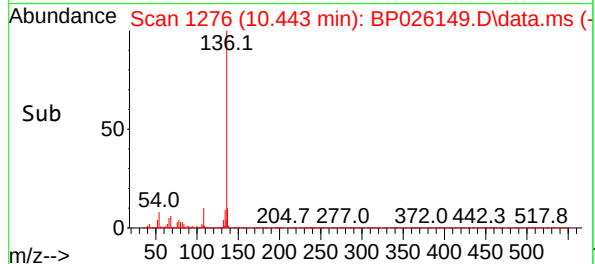
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



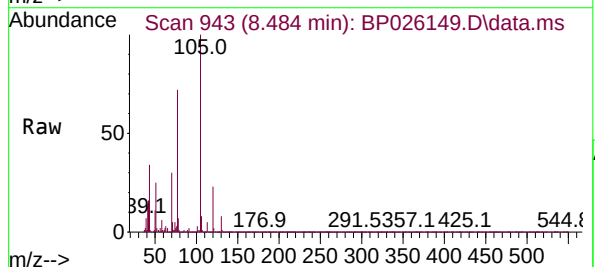
Tgt Ion:136 Resp: 1293043
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 8.0 6.4 9.6
68 5.9 4.9 7.3

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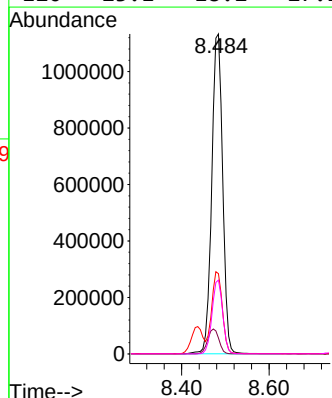
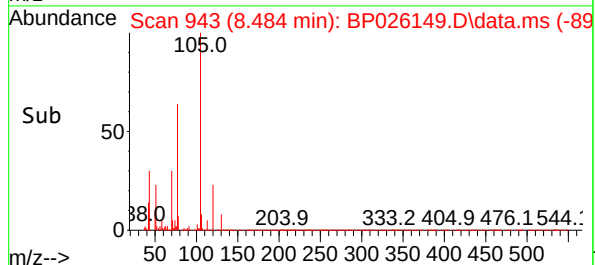
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

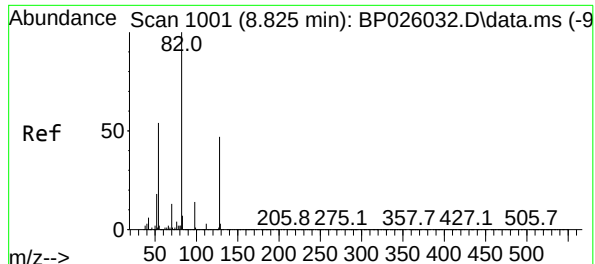


#22
Acetophenone
Concen: 59.787 ng
RT: 8.484 min Scan# 943
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00



Tgt Ion:105 Resp: 1966749
Ion Ratio Lower Upper
105 100
71 5.0 3.0 4.4#
51 25.1 20.5 30.7
120 23.1 18.2 27.2





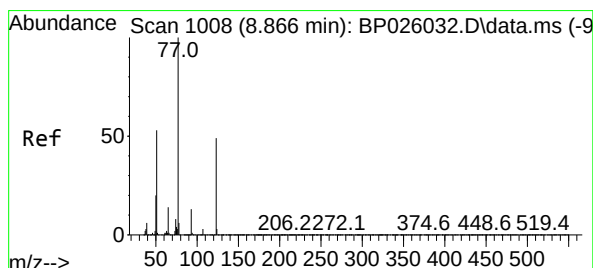
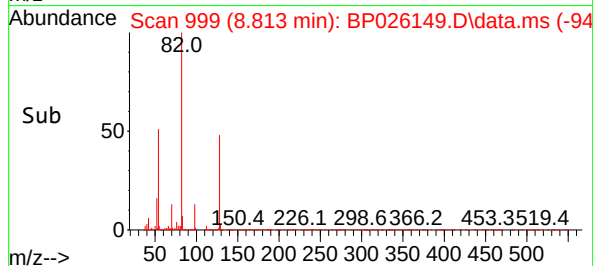
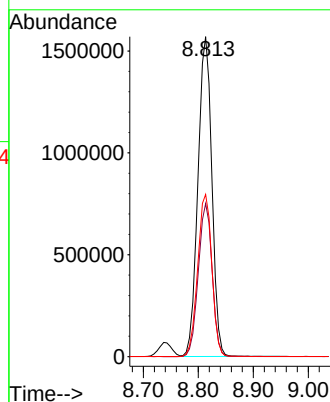
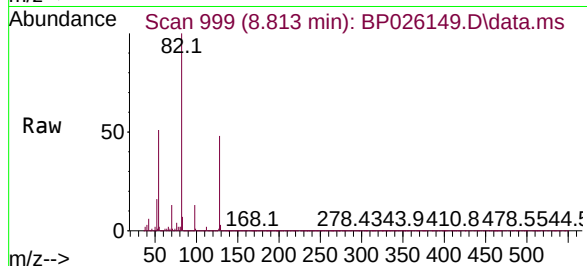
#23
Nitrobenzene-d5
Concen: 120.813 ng
RT: 8.813 min Scan# 999
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 2754539
Ion Ratio Lower Upper
82 100
128 47.8 37.4 56.0
54 50.7 41.6 62.4

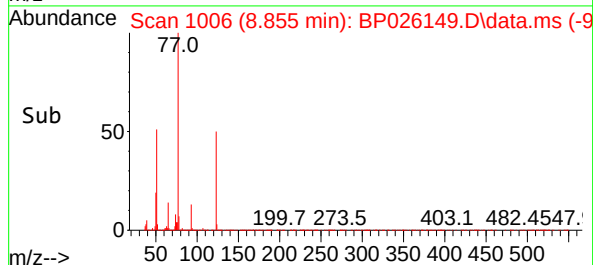
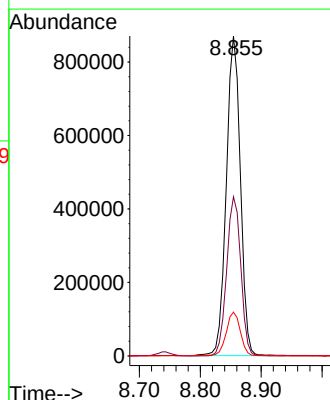
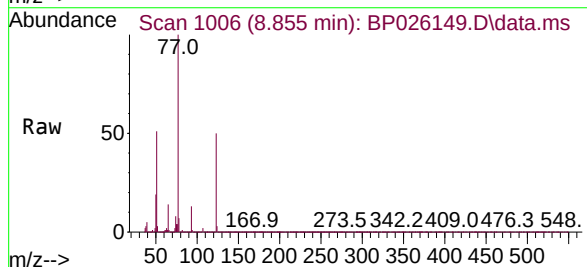
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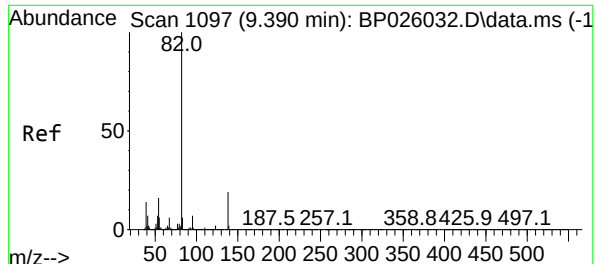
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#24
Nitrobenzene
Concen: 60.453 ng
RT: 8.855 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

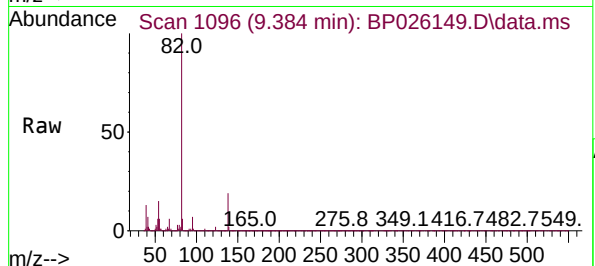
Tgt Ion: 77 Resp: 1394959
Ion Ratio Lower Upper
77 100
123 49.7 39.8 59.8
65 13.7 11.2 16.8





#25
Isophorone
Concen: 58.787 ng
RT: 9.384 min Scan# 1096
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

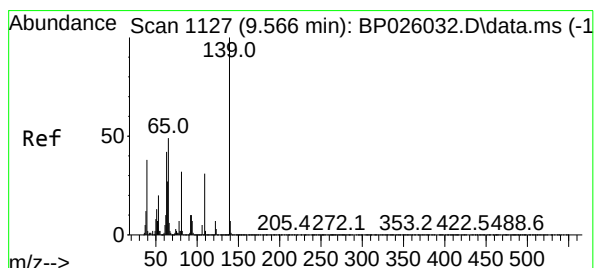
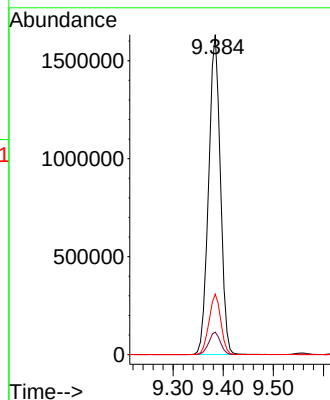
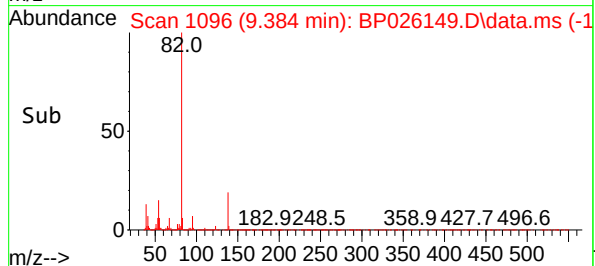
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion: 82 Resp: 266127
Ion Ratio Lower Upper
82 100
95 7.1 5.4 8.0
138 18.9 15.4 23.0

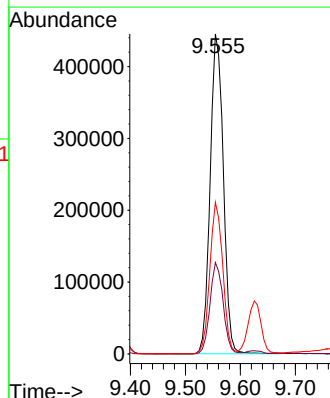
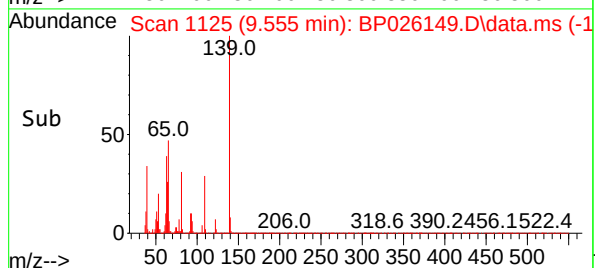
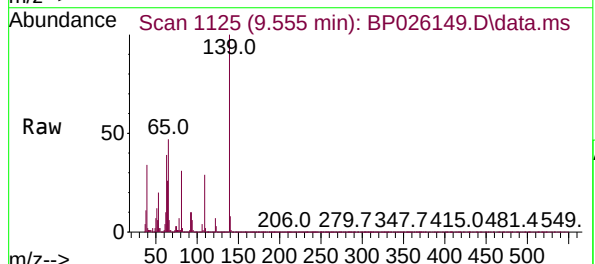
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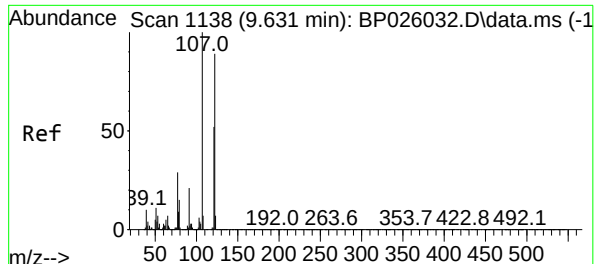
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#26
2-Nitrophenol
Concen: 64.005 ng
RT: 9.555 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:139 Resp: 744625
Ion Ratio Lower Upper
139 100
109 28.5 22.3 33.5
65 47.4 37.2 55.8





#27

2,4-Dimethylphenol

Concen: 60.144 ng

RT: 9.625 min Scan# 1137

Delta R.T. 0.000 min

Lab File: BP026149.D

Acq: 18 Nov 2025 20:00

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:122 Resp: 1267624

Ion Ratio Lower Upper

122 100

107 112.1 91.0 136.6

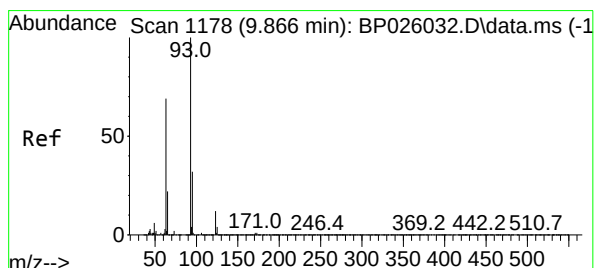
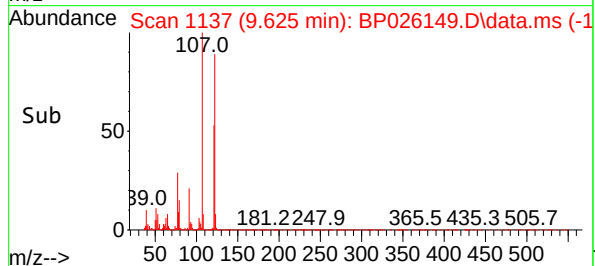
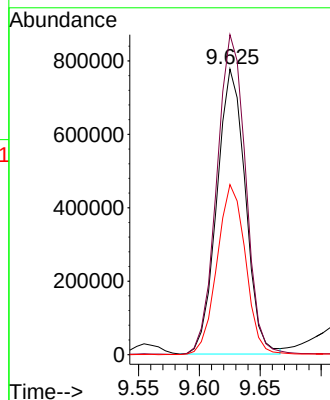
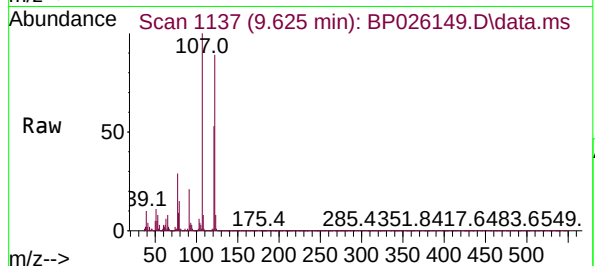
121 59.5 47.0 70.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#28

bis(2-Chloroethoxy)methane

Concen: 58.243 ng

RT: 9.855 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BP026149.D

Acq: 18 Nov 2025 20:00

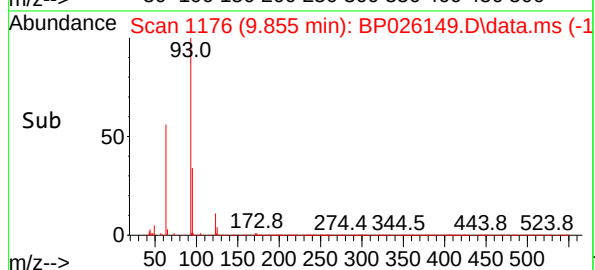
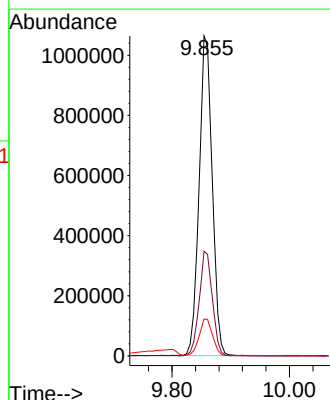
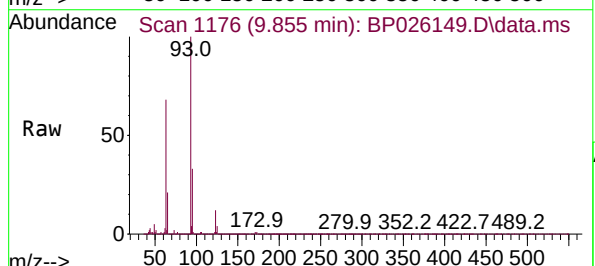
Tgt Ion: 93 Resp: 1650883

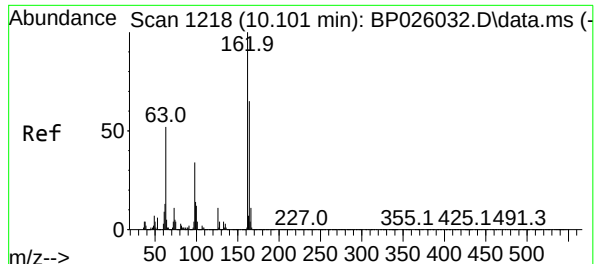
Ion Ratio Lower Upper

93 100

95 32.7 26.4 39.6

123 11.5 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 60.911 ng

RT: 10.090 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BP026149.D

Acq: 18 Nov 2025 20:00

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:162 Resp: 1279059

Ion Ratio Lower Upper

162 100

164 63.4 43.8 83.8

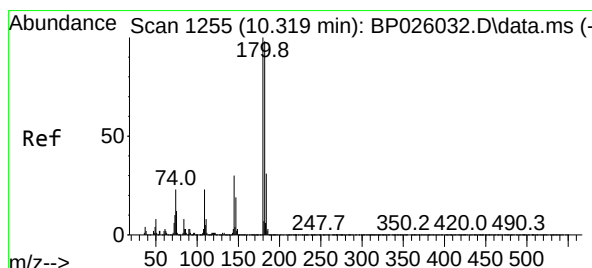
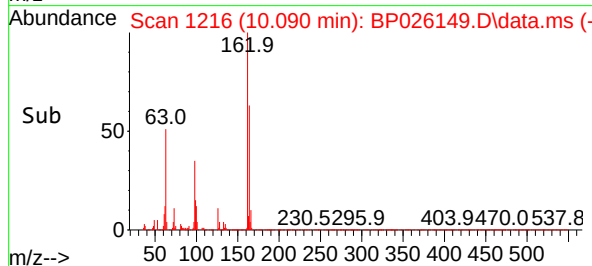
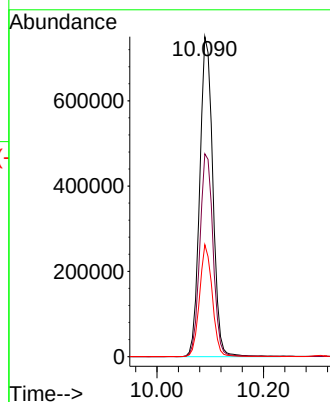
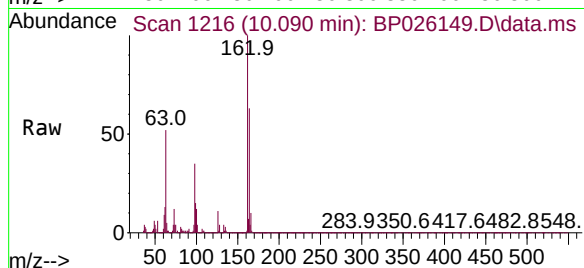
98 35.0 14.1 54.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#30

1,2,4-Trichlorobenzene

Concen: 59.435 ng

RT: 10.307 min Scan# 1253

Delta R.T. 0.000 min

Lab File: BP026149.D

Acq: 18 Nov 2025 20:00

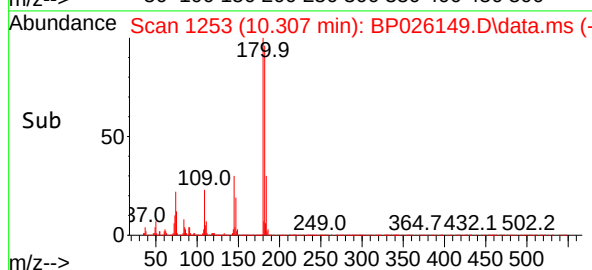
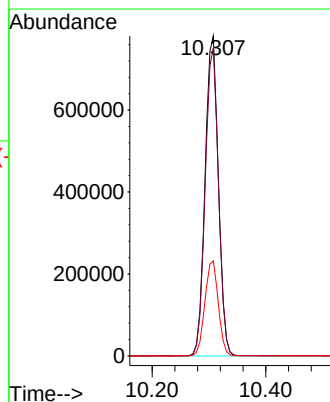
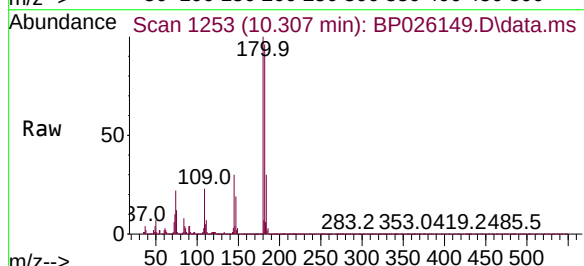
Tgt Ion:180 Resp: 1271878

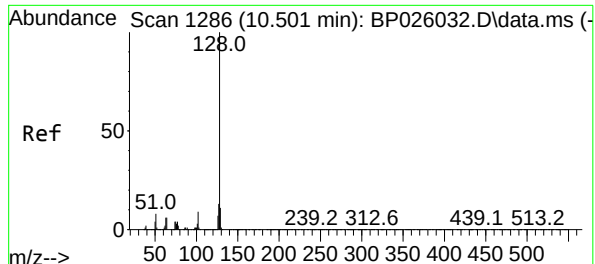
Ion Ratio Lower Upper

180 100

182 96.2 78.1 117.1

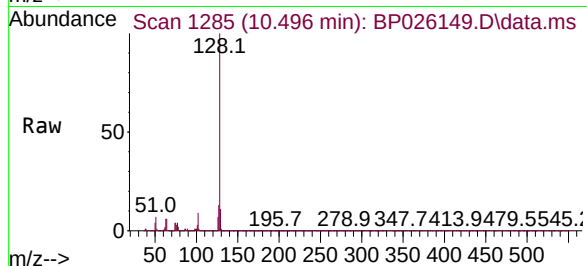
145 29.7 24.2 36.4





#31
Naphthalene
Concen: 58.487 ng
RT: 10.496 min Scan# 1128
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

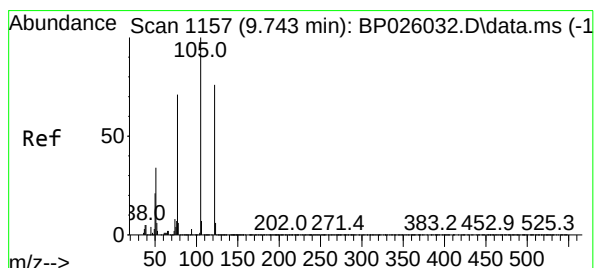
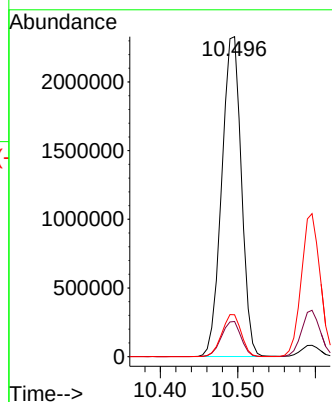
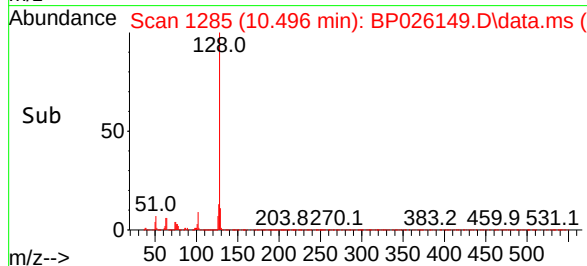
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion:128 Resp: 4106445
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.1 10.2 15.4

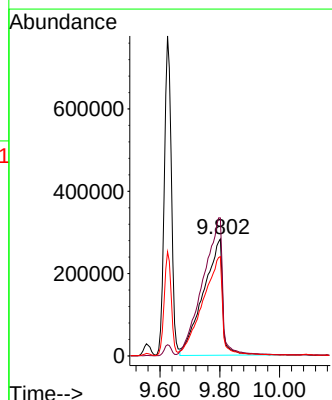
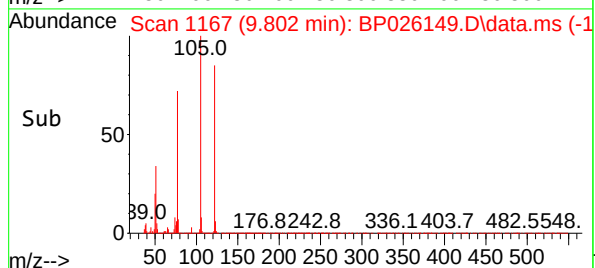
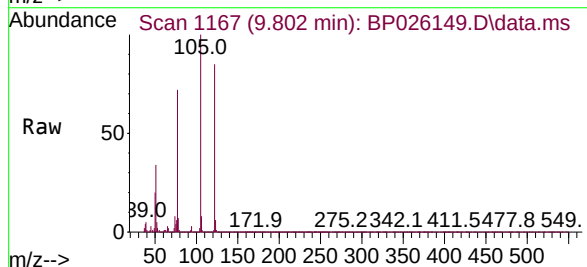
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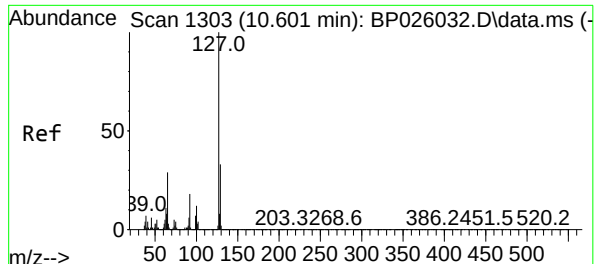
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#32
Benzoic acid
Concen: 75.148 ng
RT: 9.802 min Scan# 1167
Delta R.T. 0.036 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

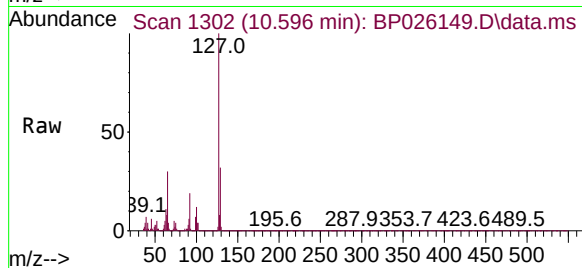
Tgt Ion:122 Resp: 1274317
Ion Ratio Lower Upper
122 100
105 118.1 100.1 140.1
77 84.9 66.7 106.7





#33
4-Chloroaniline
Concen: 59.551 ng
RT: 10.596 min Scan# 1302
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

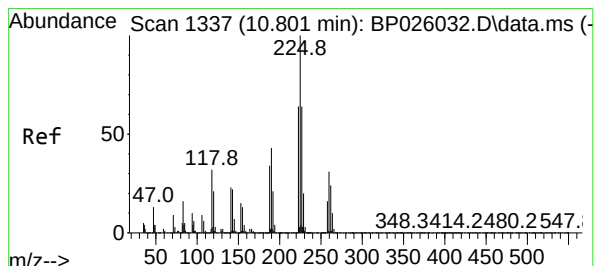
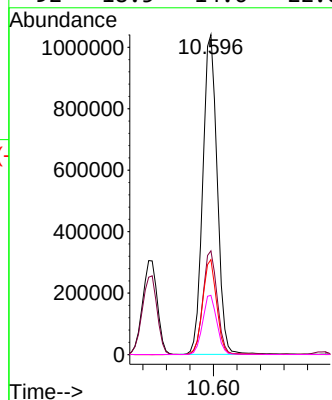
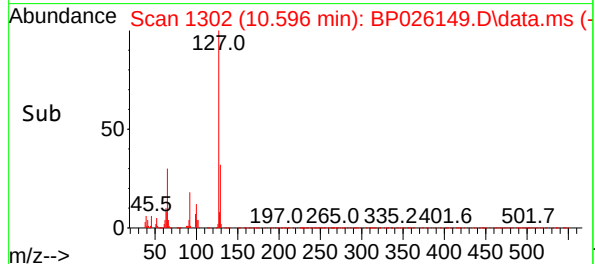
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



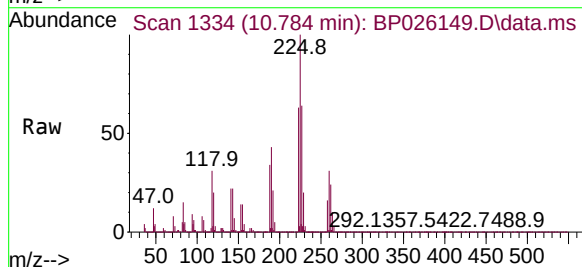
Tgt Ion:127 Resp: 1774806
Ion Ratio Lower Upper
127 100
129 32.4 25.8 38.8
65 29.7 22.7 34.1
92 18.5 14.6 22.0

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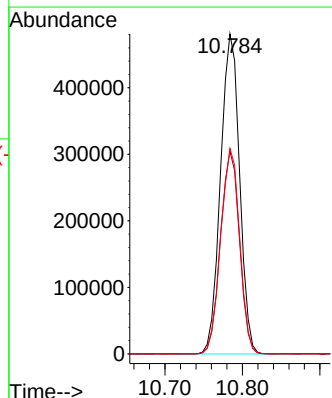
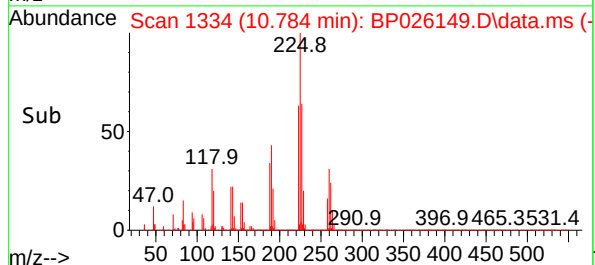
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

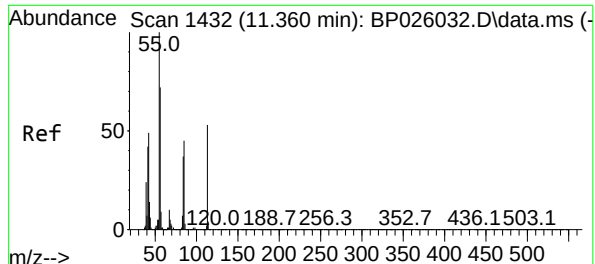


#34
Hexachlorobutadiene
Concen: 58.957 ng
RT: 10.784 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00



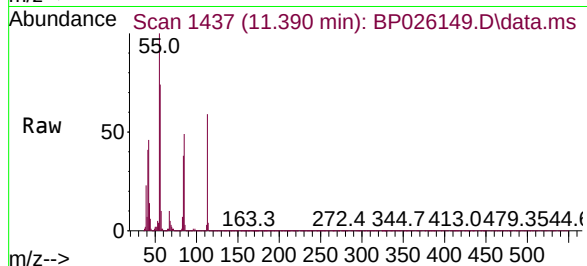
Tgt Ion:225 Resp: 820866
Ion Ratio Lower Upper
225 100
223 63.4 49.6 74.4
227 64.2 51.2 76.8





#35
Caprolactam
Concen: 58.493 ng
RT: 11.390 min Scan# 1432
Delta R.T. 0.012 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

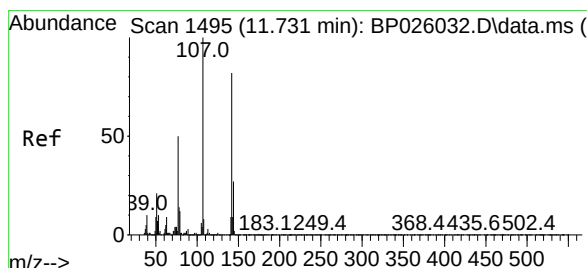
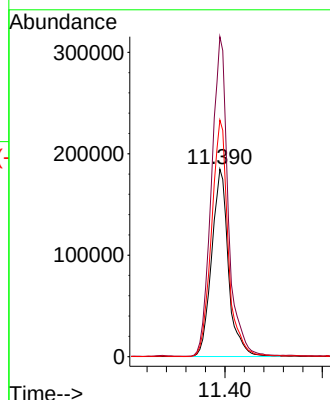
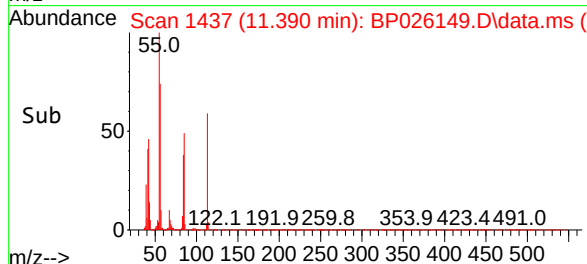
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion:113 Resp: 442308
Ion Ratio Lower Upper
113 100
55 170.8 153.0 193.0
56 126.2 106.4 146.4

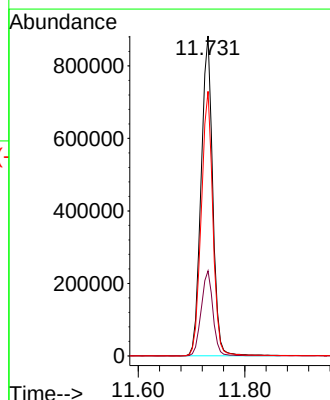
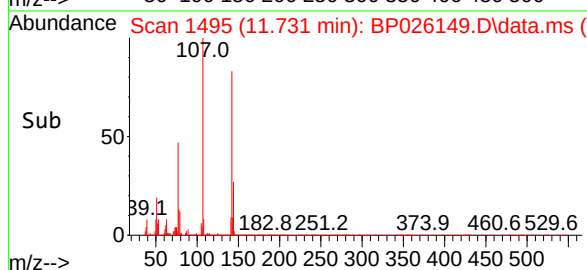
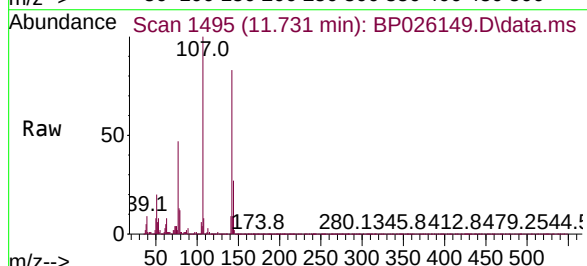
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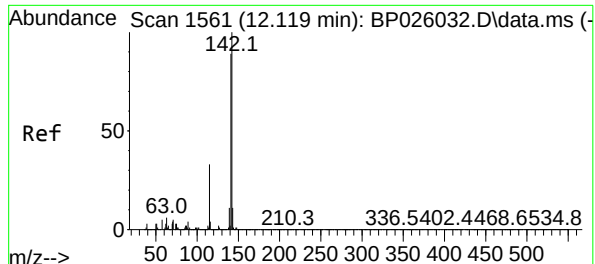
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#36
4-Chloro-3-methylphenol
Concen: 59.672 ng
RT: 11.731 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

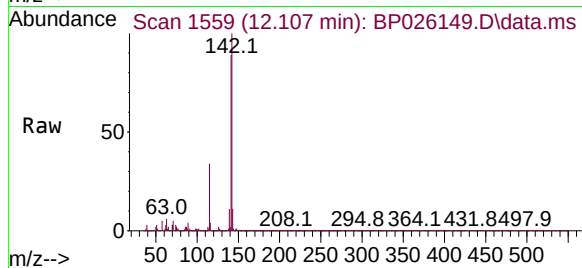
Tgt Ion:107 Resp: 1333194
Ion Ratio Lower Upper
107 100
144 26.6 21.6 32.4
142 82.7 65.6 98.4





#37
2-Methylnaphthalene
Concen: 58.205 ng
RT: 12.107 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

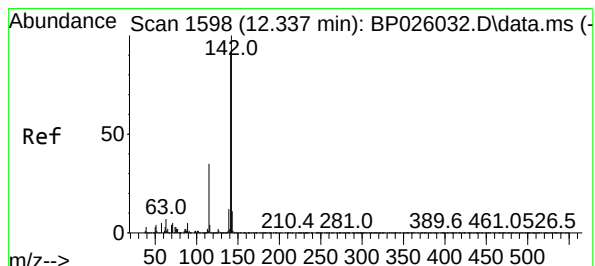
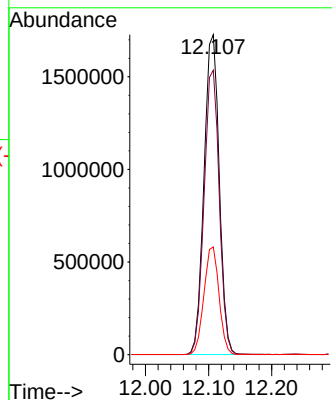
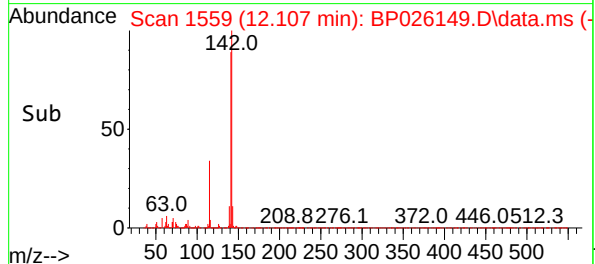
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion:142 Resp: 2892574
Ion Ratio Lower Upper
142 100
141 88.9 71.0 106.6
115 33.6 26.6 39.8

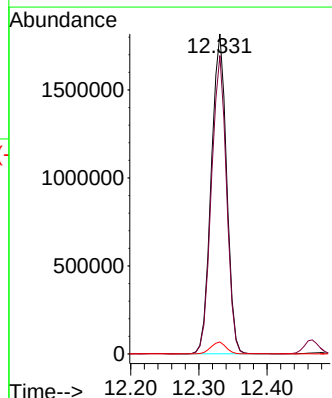
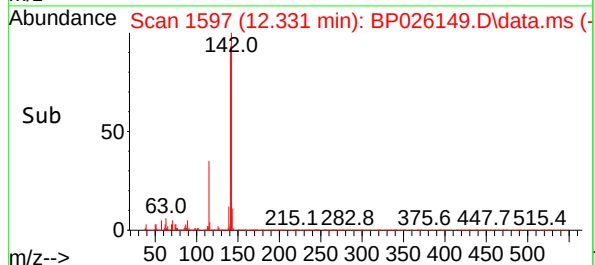
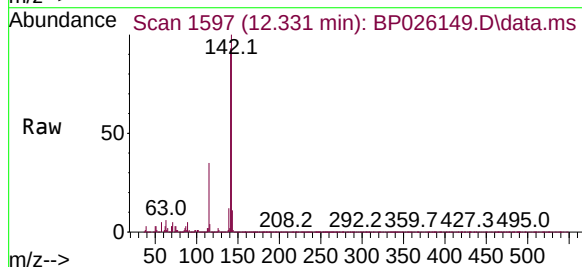
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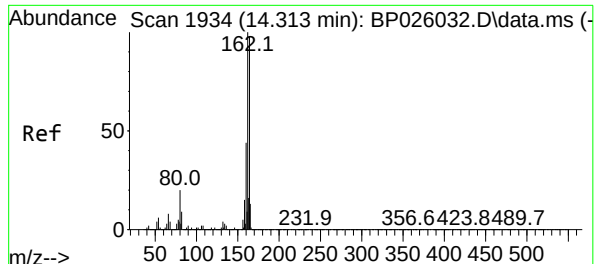
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#38
1-Methylnaphthalene
Concen: 58.118 ng
RT: 12.331 min Scan# 1597
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:142 Resp: 2826038
Ion Ratio Lower Upper
142 100
141 93.2 73.5 110.3
116 3.7 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.319 min Scan# 1934

Delta R.T. -0.006 min

Lab File: BP026149.D

Acq: 18 Nov 2025 20:00

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:164 Resp: 796804

Ion Ratio Lower Upper

164 100

162 99.5 80.3 120.5

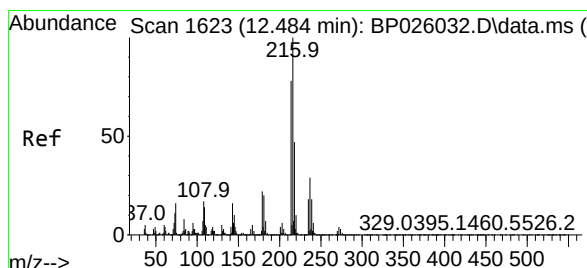
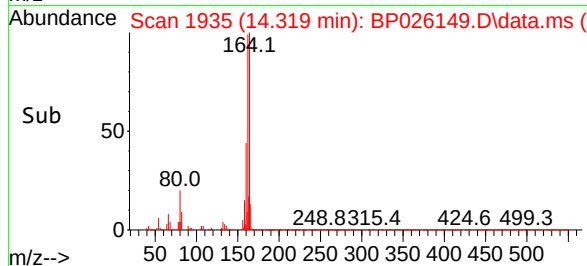
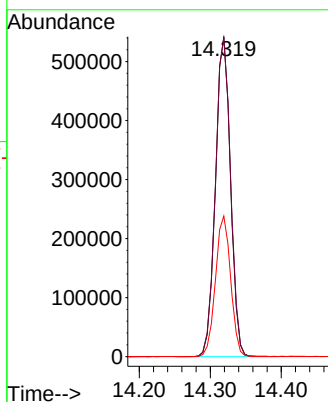
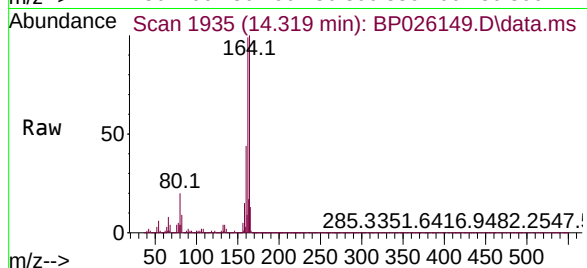
160 43.9 35.2 52.8

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 60.722 ng

RT: 12.484 min Scan# 1623

Delta R.T. -0.006 min

Lab File: BP026149.D

Acq: 18 Nov 2025 20:00

Tgt Ion:216 Resp: 1458024

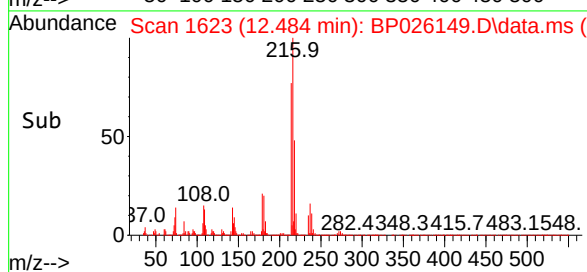
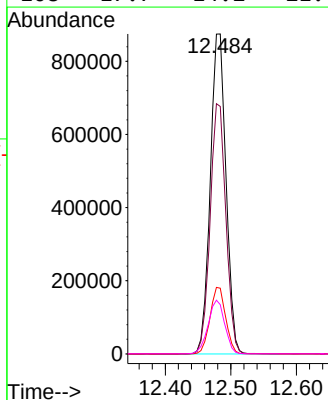
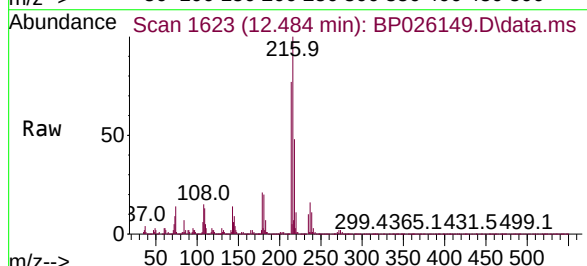
Ion Ratio Lower Upper

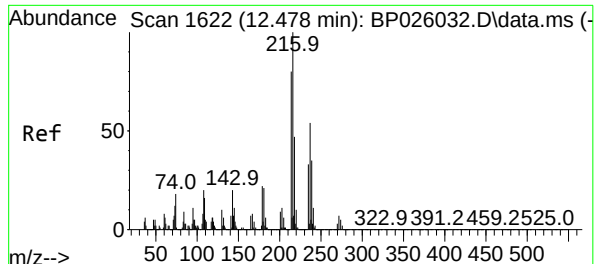
216 100

214 78.3 62.6 94.0

179 20.7 16.6 25.0

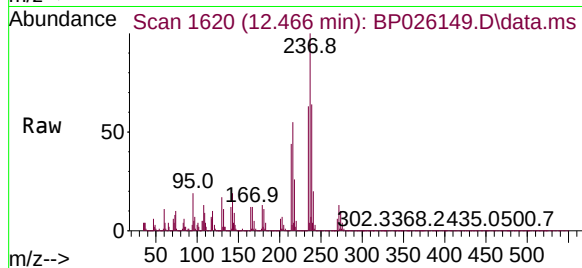
108 17.7 14.2 21.4





#41
Hexachlorocyclopentadiene
Concen: 63.796 ng
RT: 12.466 min Scan# 1620
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

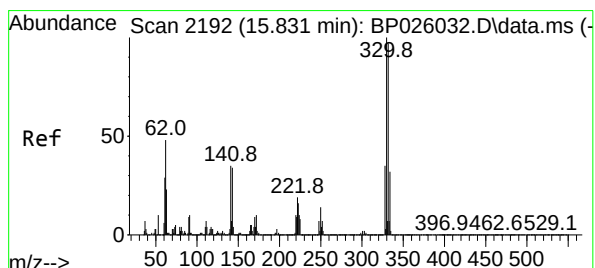
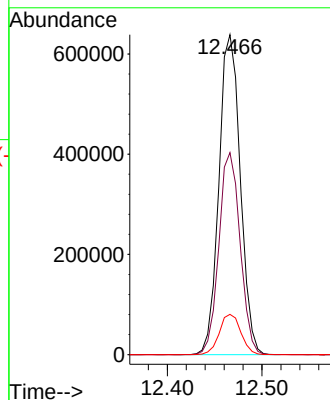
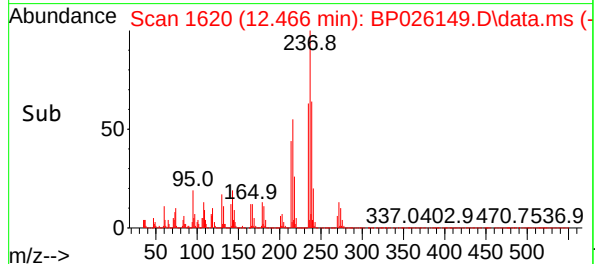
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion: 237 Resp: 999826
Ion Ratio Lower Upper
237 100
235 63.1 43.3 83.3
272 12.6 0.0 32.9

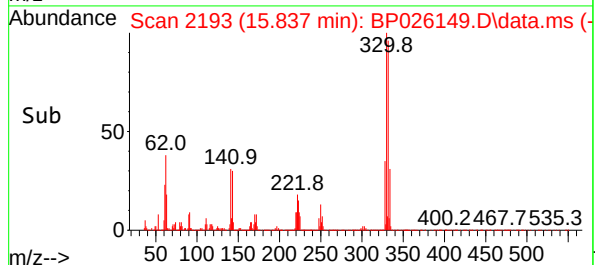
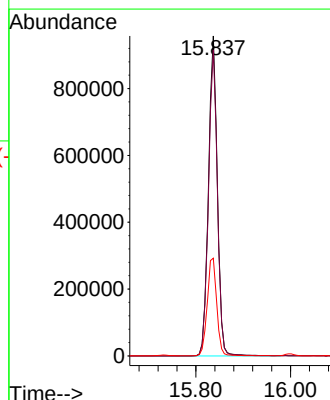
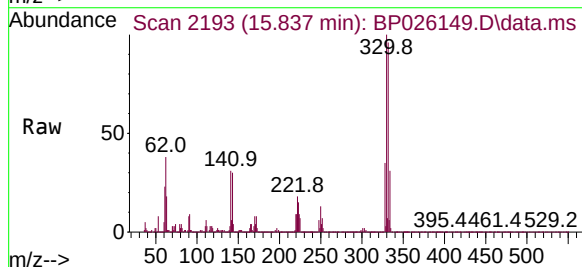
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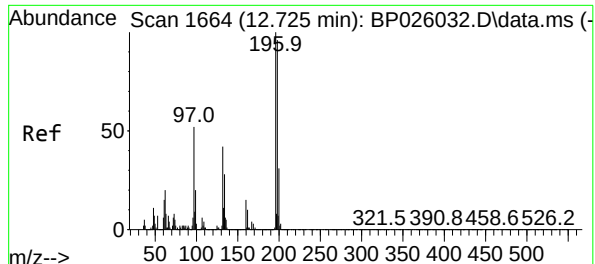
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#42
2,4,6-Tribromophenol
Concen: 120.534 ng
RT: 15.837 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

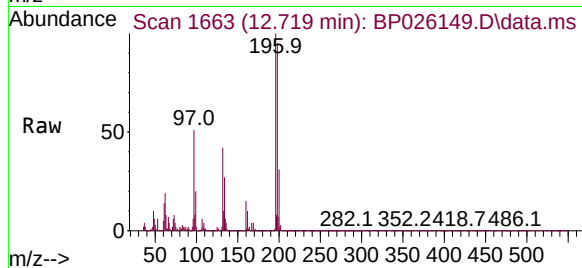
Tgt Ion: 330 Resp: 1244554
Ion Ratio Lower Upper
330 100
332 96.3 78.0 117.0
141 32.7 26.8 40.2





#43
2,4,6-Trichlorophenol
Concen: 61.691 ng
RT: 12.719 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

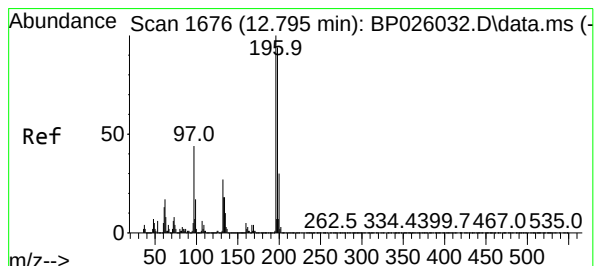
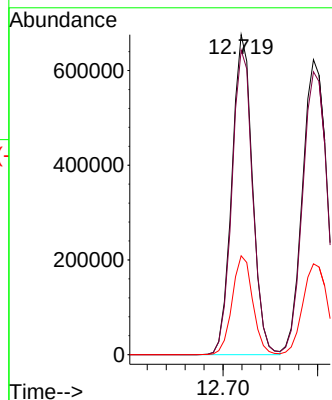
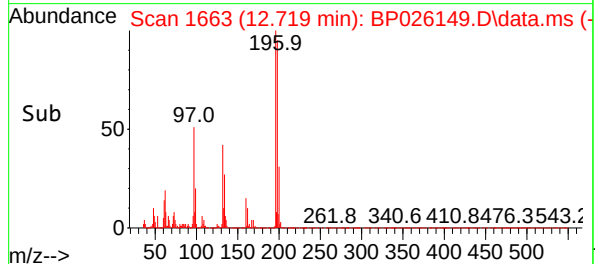
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion:196 Resp: 1019369
Ion Ratio Lower Upper
196 100
198 95.1 76.9 115.3
200 30.9 24.6 37.0

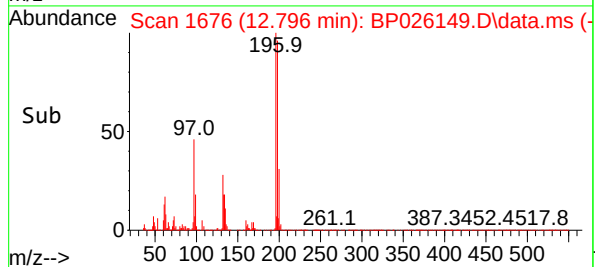
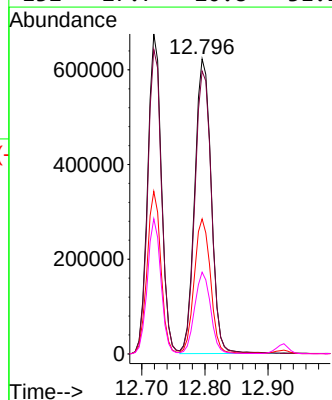
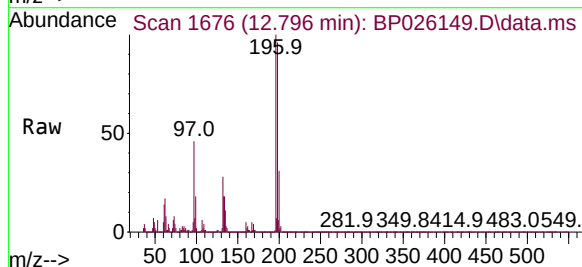
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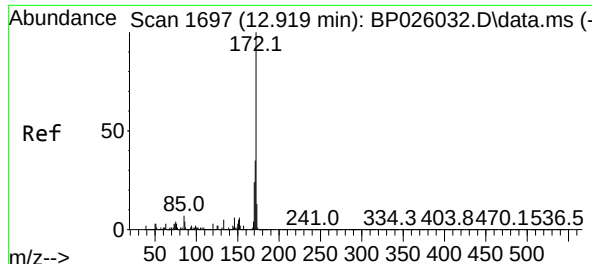
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#44
2,4,5-Trichlorophenol
Concen: 61.302 ng
RT: 12.796 min Scan# 1676
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:196 Resp: 1129527
Ion Ratio Lower Upper
196 100
198 95.9 76.4 114.6
97 45.8 35.7 53.5
132 27.7 20.8 31.2





#45

2-Fluorobiphenyl

Concen: 115.965 ng

RT: 12.925 min Scan# 1697

Delta R.T. -0.006 min

Lab File: BP026149.D

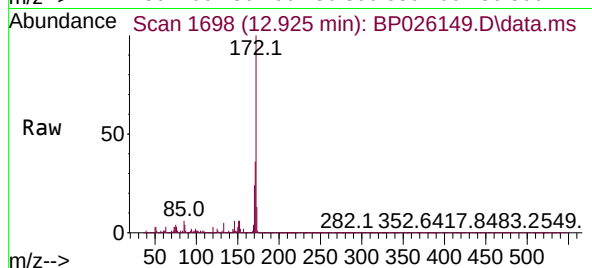
Acq: 18 Nov 2025 20:00

Instrument :

BNA_P

ClientSampleId :

SSTDICC060



Tgt Ion:172 Resp: 6333636

Ion Ratio Lower Upper

172 100

171 35.9 28.2 42.4

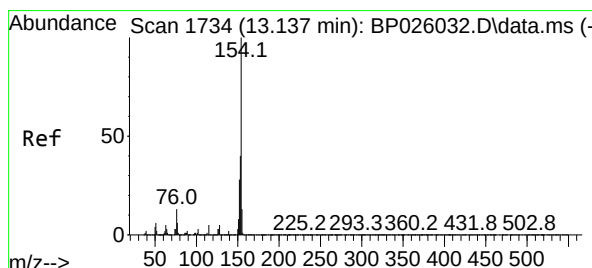
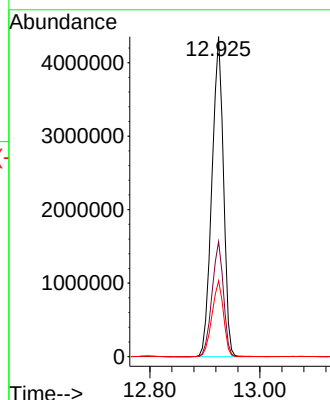
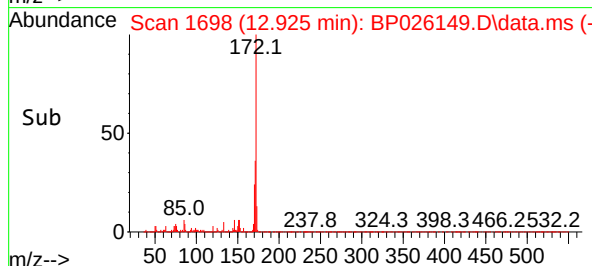
170 23.7 18.7 28.1

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#46

1,1'-Biphenyl

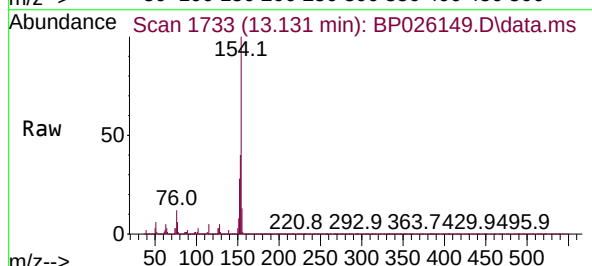
Concen: 60.111 ng

RT: 13.131 min Scan# 1733

Delta R.T. -0.006 min

Lab File: BP026149.D

Acq: 18 Nov 2025 20:00



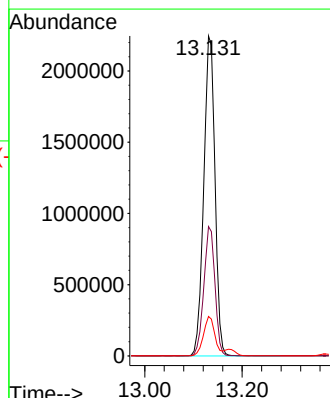
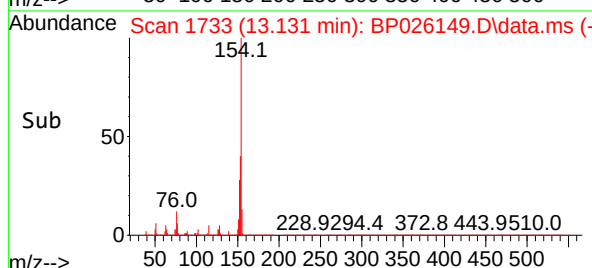
Tgt Ion:154 Resp: 3595006

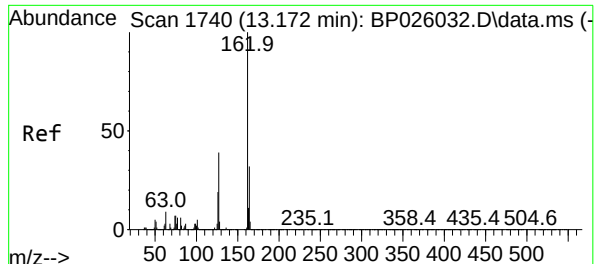
Ion Ratio Lower Upper

154 100

153 40.4 20.3 60.3

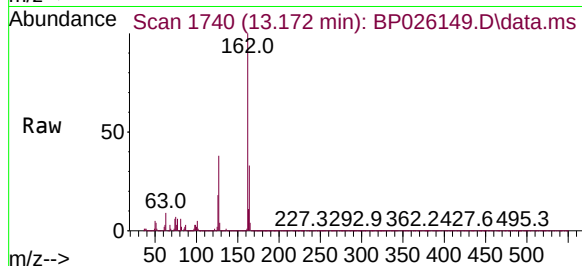
76 12.3 0.0 32.3





#47
2-Chloronaphthalene
Concen: 60.741 ng
RT: 13.172 min Scan# 1740
Delta R.T. -0.012 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

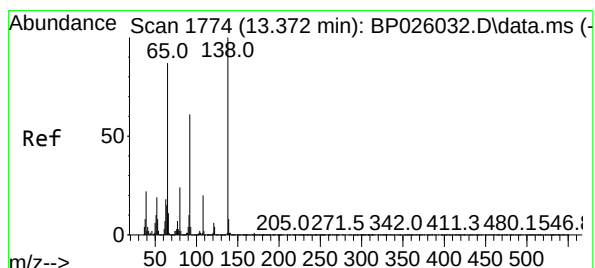
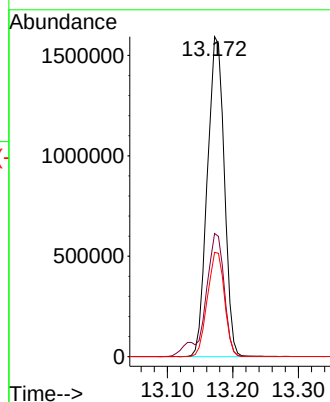
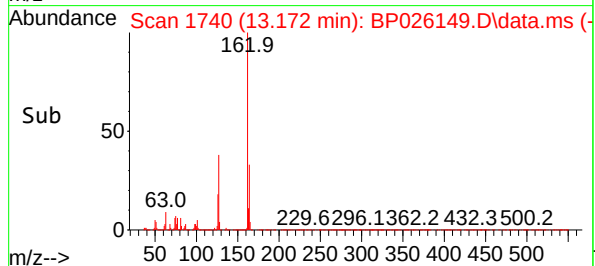
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



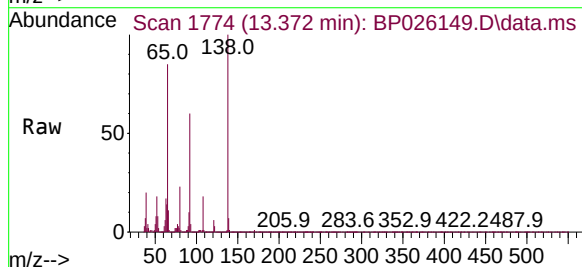
Tgt Ion:162 Resp: 2855986
Ion Ratio Lower Upper
162 100
127 38.5 30.9 46.3
164 32.6 26.4 39.6

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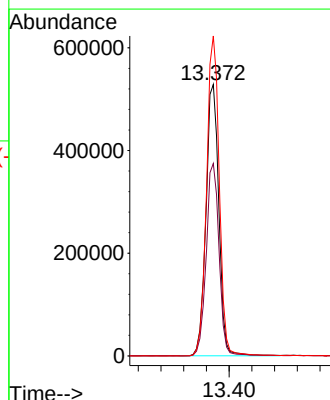
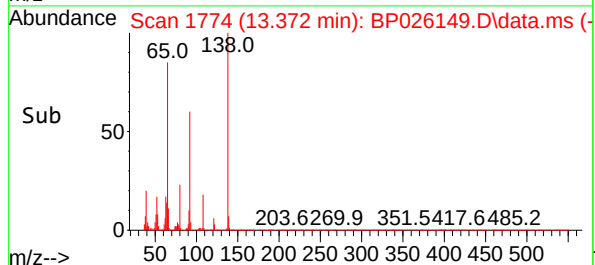
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

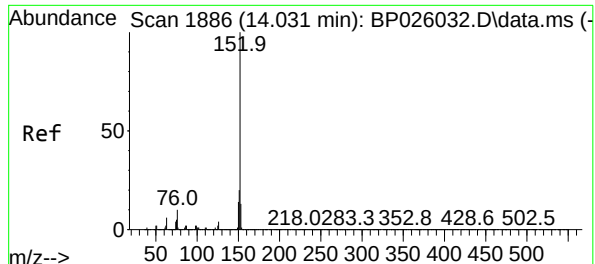


#48
2-Nitroaniline
Concen: 63.445 ng
RT: 13.372 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00



Tgt Ion: 65 Resp: 833079
Ion Ratio Lower Upper
65 100
92 70.9 59.1 88.7
138 117.9 96.6 145.0





#49

Acenaphthylene

Concen: 59.935 ng

RT: 14.031 min Scan# 1886

Delta R.T. -0.006 min

Lab File: BP026149.D

Acq: 18 Nov 2025 20:00

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:152 Resp: 466262

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.8

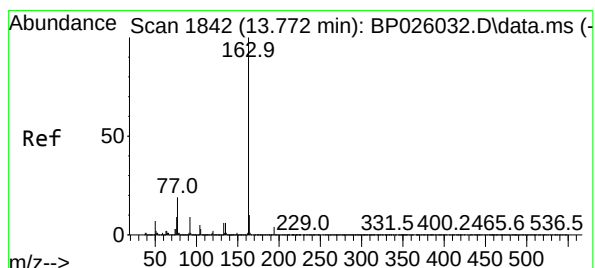
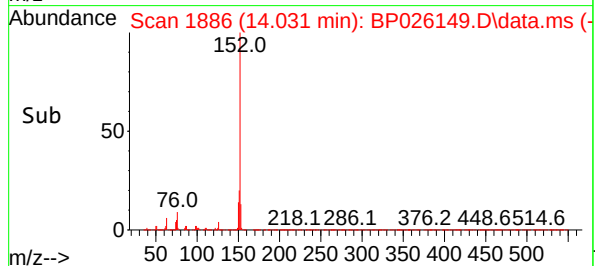
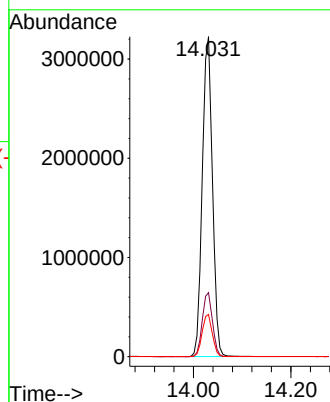
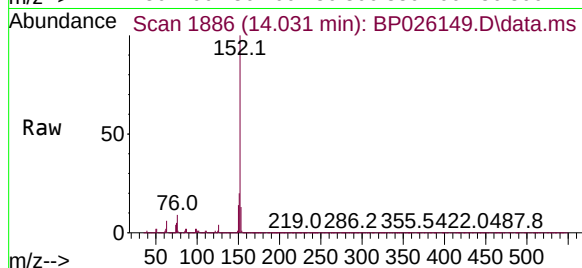
153 13.2 10.6 16.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#50

Dimethylphthalate

Concen: 59.198 ng

RT: 13.766 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BP026149.D

Acq: 18 Nov 2025 20:00

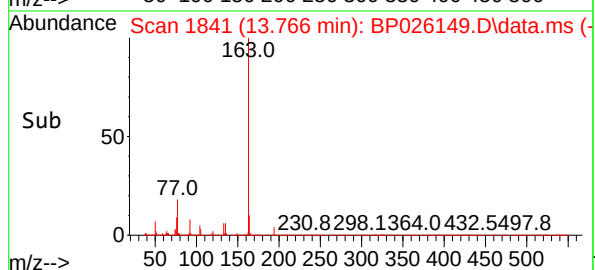
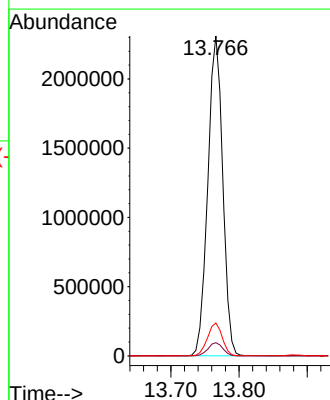
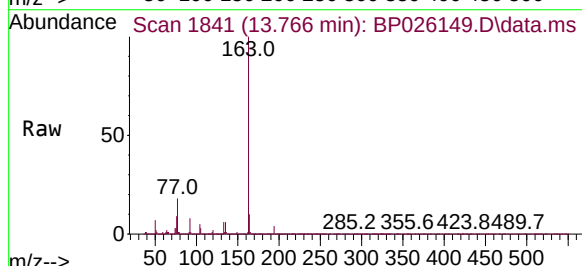
Tgt Ion:163 Resp: 3514882

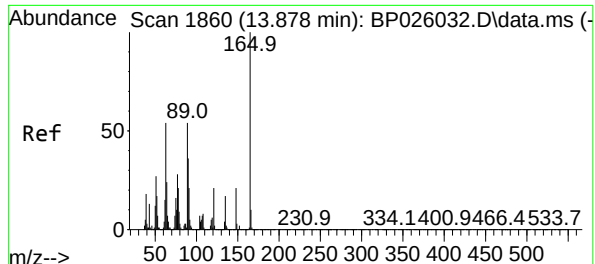
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

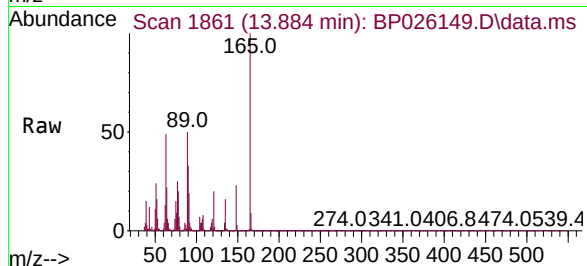
164 10.3 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 63.777 ng
RT: 13.884 min Scan# 1861
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

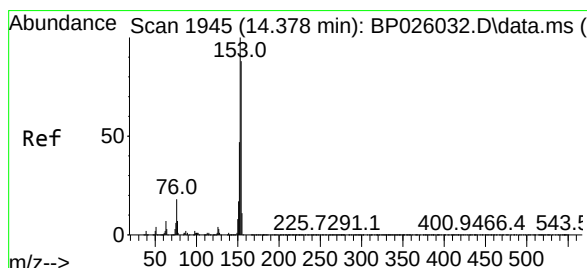
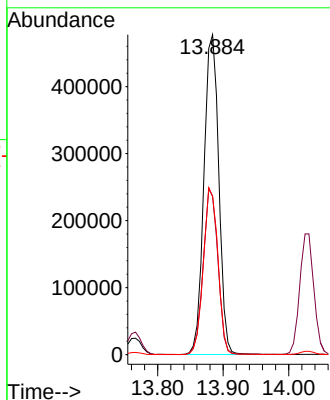
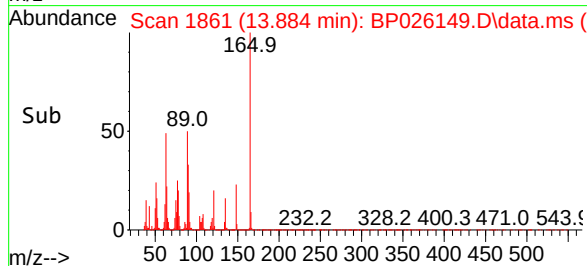
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



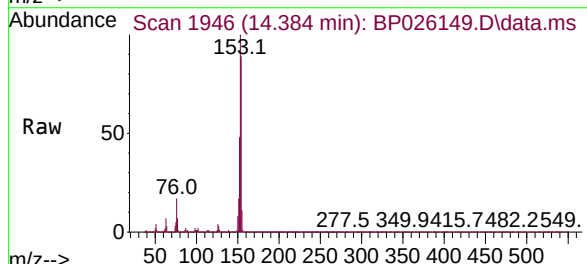
Tgt Ion:165 Resp: 748865
Ion Ratio Lower Upper
165 100
63 49.4 40.5 60.7
89 49.5 41.3 61.9

Manual Integrations
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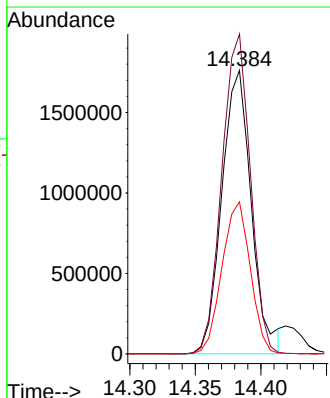
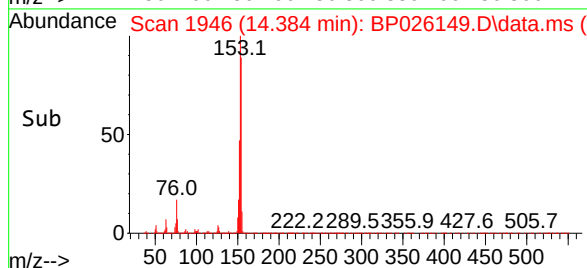
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

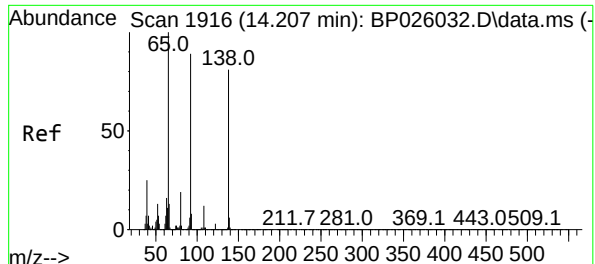


#52
Acenaphthene
Concen: 60.573 ng
RT: 14.384 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00



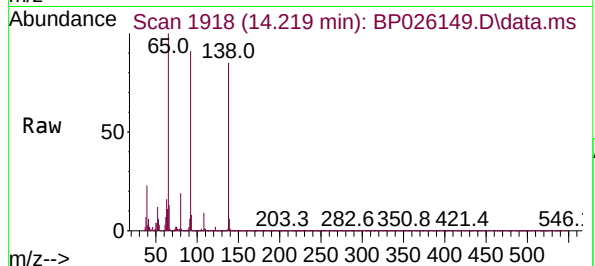
Tgt Ion:154 Resp: 2756036
Ion Ratio Lower Upper
154 100
153 112.9 90.7 136.1
152 53.6 42.8 64.2





#53
3-Nitroaniline
Concen: 63.349 ng
RT: 14.219 min Scan# 1916
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

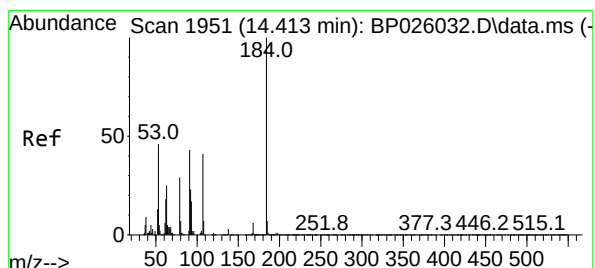
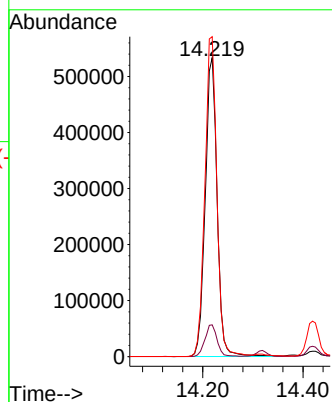
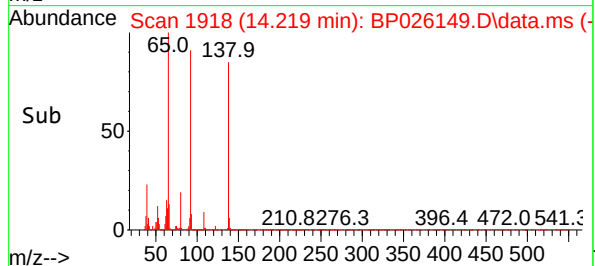
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion:138 Resp: 878733
Ion Ratio Lower Upper
138 100
108 10.6 8.9 13.3
92 107.1 86.3 129.5

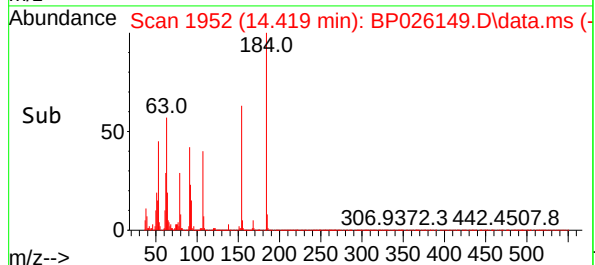
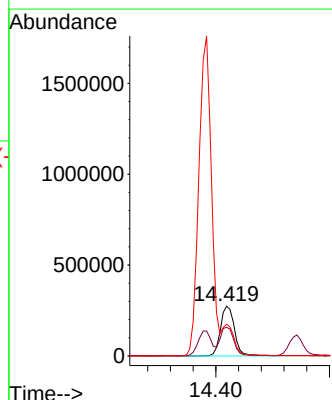
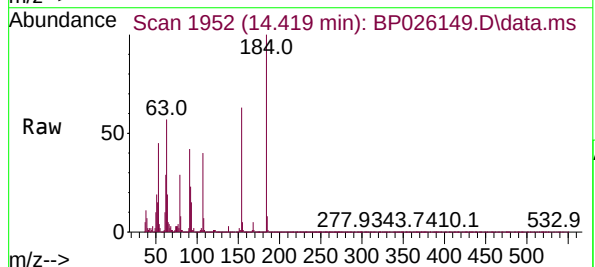
Manual Integrations
APPROVED

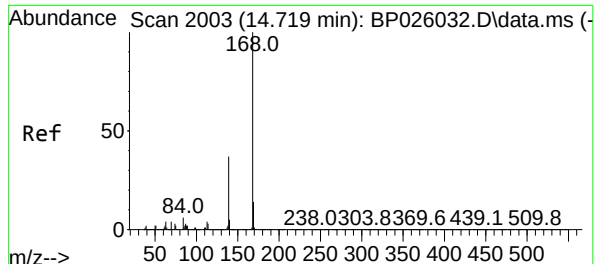
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#54
2,4-Dinitrophenol
Concen: 65.711 ng
RT: 14.419 min Scan# 1952
Delta R.T. -0.012 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

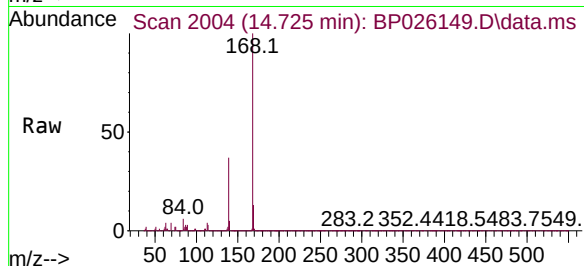
Tgt Ion:184 Resp: 462858
Ion Ratio Lower Upper
184 100
63 57.5 43.1 64.7
154 63.5 49.5 74.3





#55
Dibenzenofuran
Concen: 58.432 ng
RT: 14.725 min Scan# 20
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

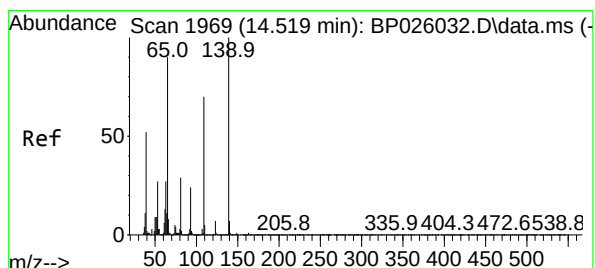
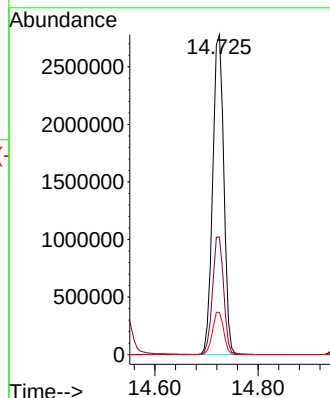
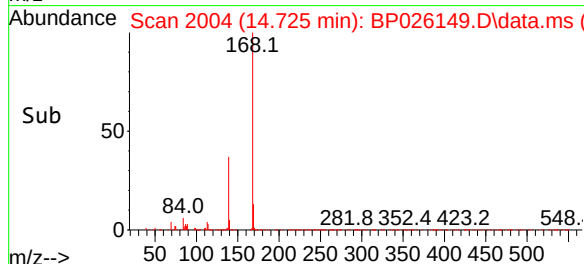
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



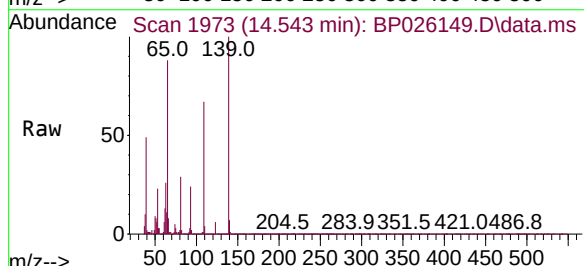
Tgt Ion:168 Resp: 415459
Ion Ratio Lower Upper
168 100
139 36.8 29.8 44.6
169 13.2 10.9 16.3

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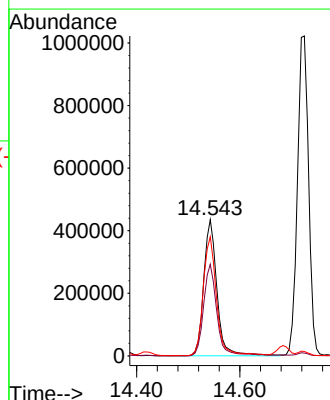
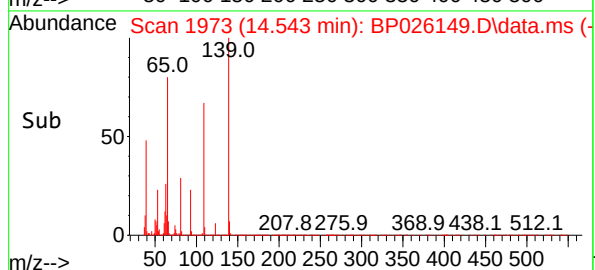
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

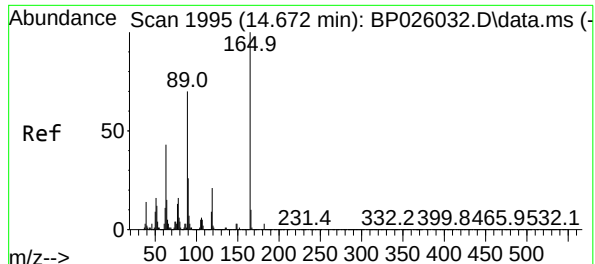


#56
4-Nitrophenol
Concen: 61.570 ng
RT: 14.543 min Scan# 1973
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00



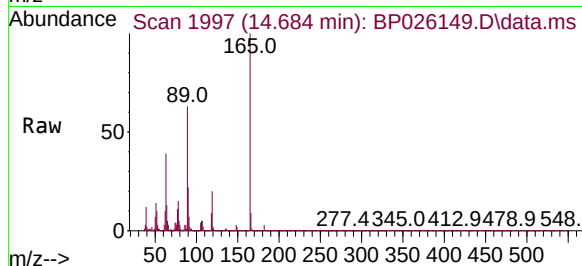
Tgt Ion:139 Resp: 775308
Ion Ratio Lower Upper
139 100
109 67.2 46.8 86.8
65 87.5 69.3 109.3





#57
2,4-Dinitrotoluene
Concen: 63.016 ng
RT: 14.684 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

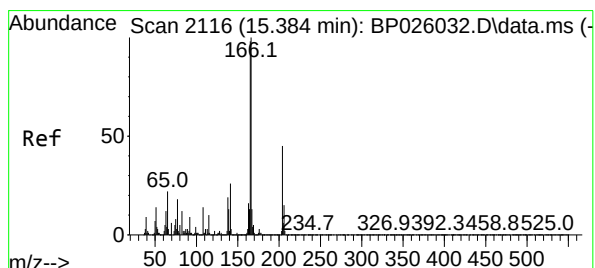
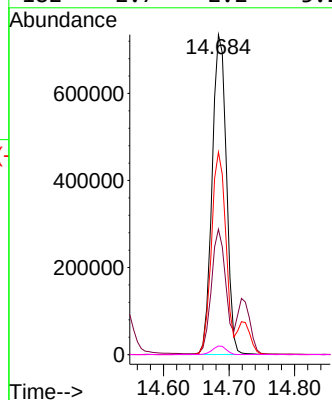
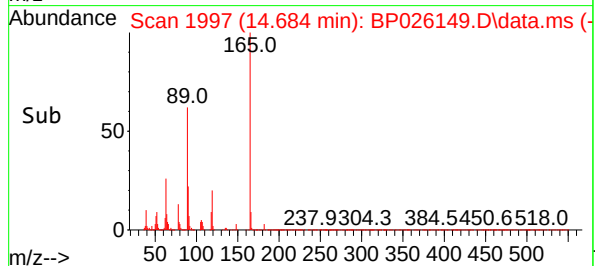
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion:165 Resp: 1112352
Ion Ratio Lower Upper
165 100
63 39.2 31.0 46.6
89 63.3 51.7 77.5
182 2.7 2.2 3.2

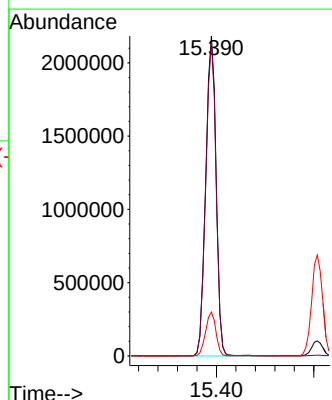
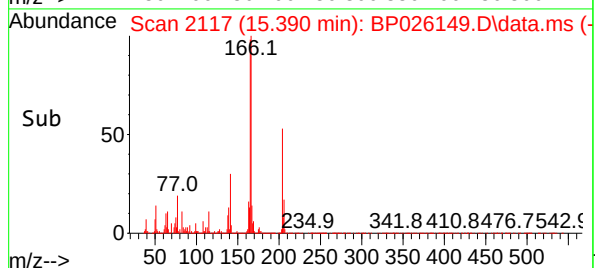
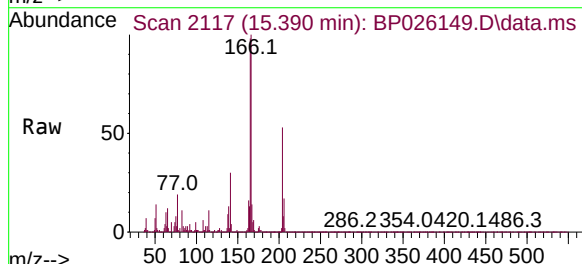
Manual Integrations
APPROVED

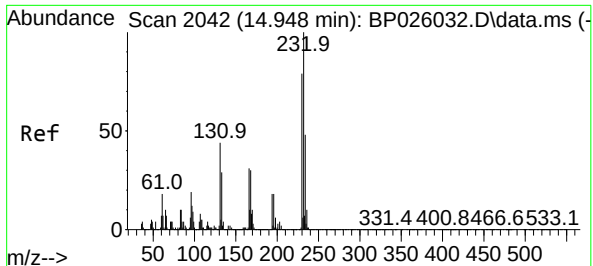
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#58
Fluorene
Concen: 57.477 ng
RT: 15.390 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:166 Resp: 3230615
Ion Ratio Lower Upper
166 100
165 98.1 77.9 116.9
167 13.7 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 60.606 ng

RT: 14.960 min Scan# 2042

Delta R.T. 0.000 min

Lab File: BP026149.D

Acq: 18 Nov 2025 20:00

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:232 Resp: 945836

Ion Ratio Lower Upper

232 100

131 43.1 34.8 52.2

130 2.2 1.8 2.8

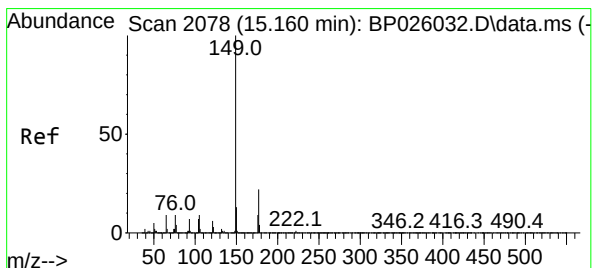
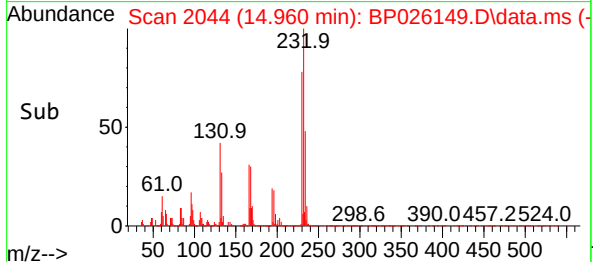
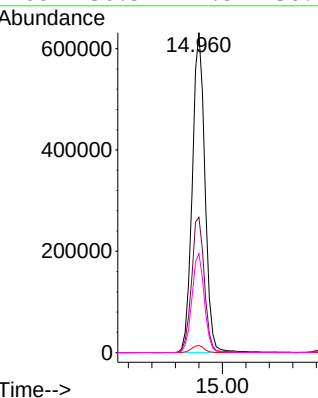
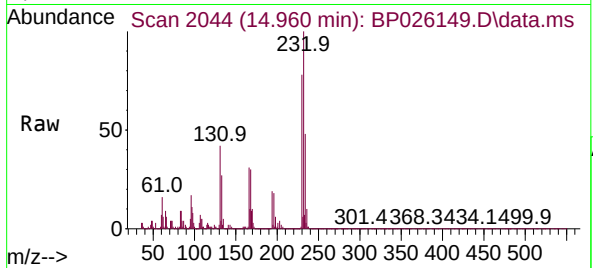
166 30.5 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#60

Diethylphthalate

Concen: 58.065 ng

RT: 15.166 min Scan# 2079

Delta R.T. -0.006 min

Lab File: BP026149.D

Acq: 18 Nov 2025 20:00

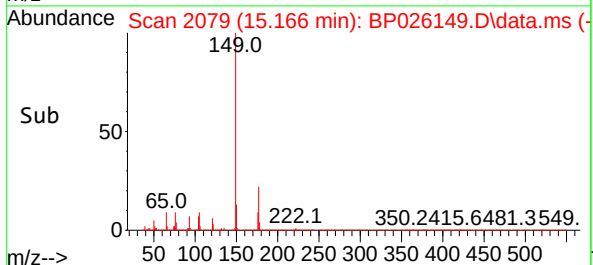
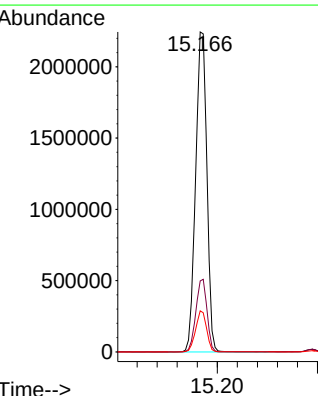
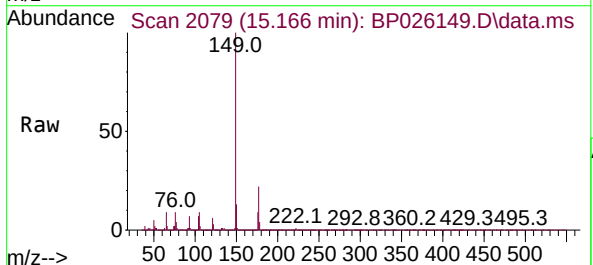
Tgt Ion:149 Resp: 3494483

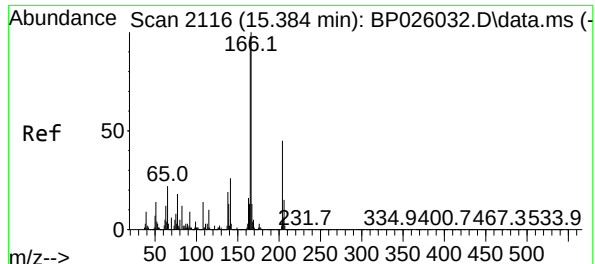
Ion Ratio Lower Upper

149 100

177 22.2 17.9 26.9

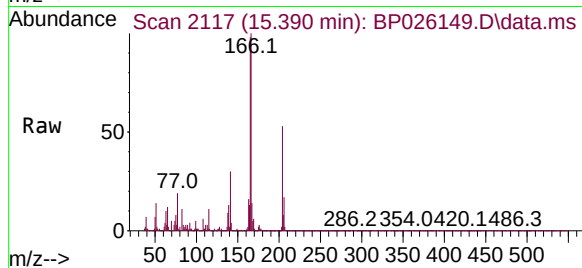
150 12.8 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 57.693 ng
RT: 15.390 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

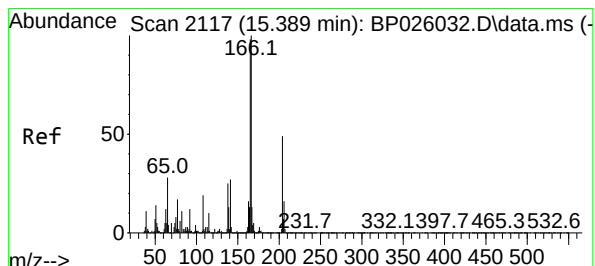
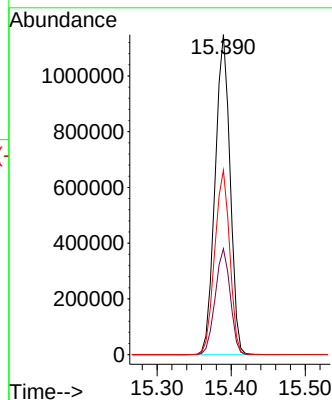
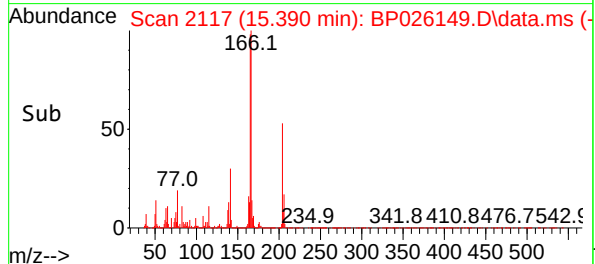
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion:204 Resp: 1609638
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.2
141 57.6 48.1 72.1

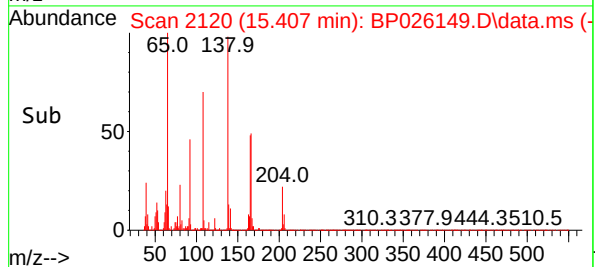
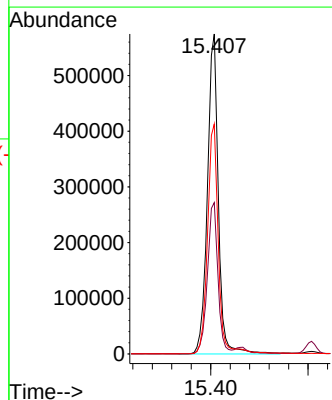
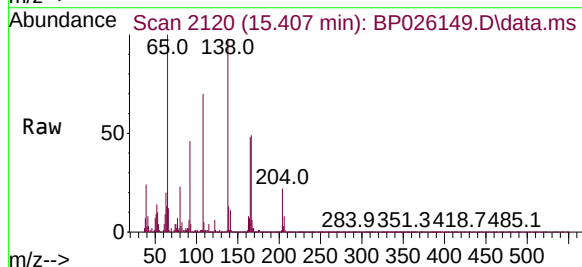
Manual Integrations
APPROVED

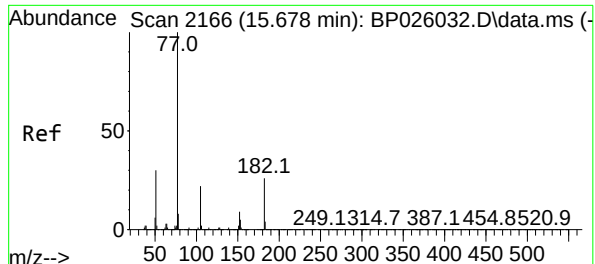
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#62
4-Nitroaniline
Concen: 61.908 ng
RT: 15.407 min Scan# 2120
Delta R.T. 0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

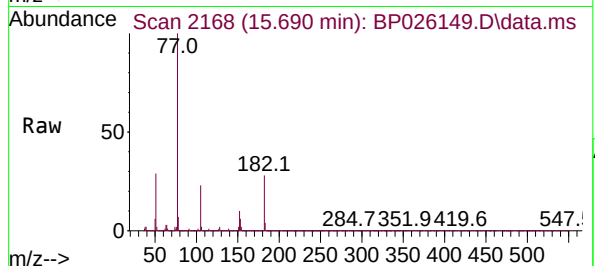
Tgt Ion:138 Resp: 898849
Ion Ratio Lower Upper
138 100
92 47.3 27.5 67.5
108 71.8 51.1 91.1





#63
Azobenzene
Concen: 59.189 ng
RT: 15.690 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

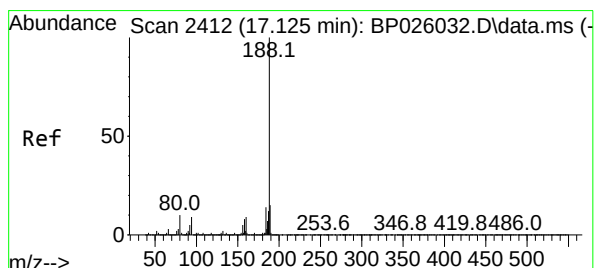
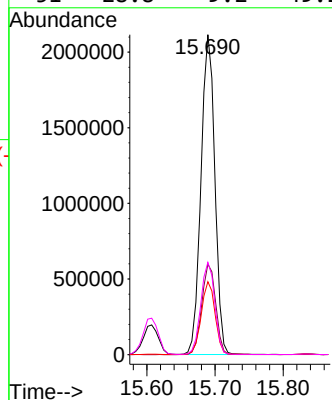
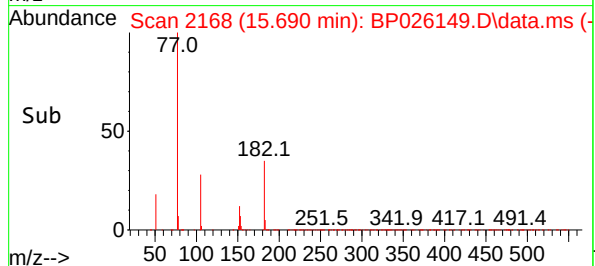
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion: 77 Resp: 2992722
Ion Ratio Lower Upper
77 100
182 28.3 8.8 48.8
105 22.8 2.6 42.6
51 28.8 9.2 49.2

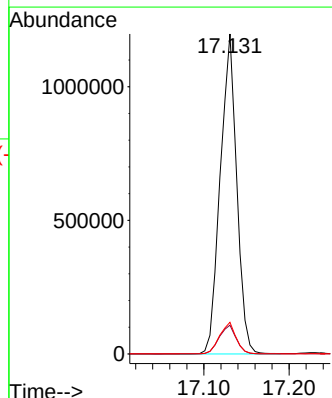
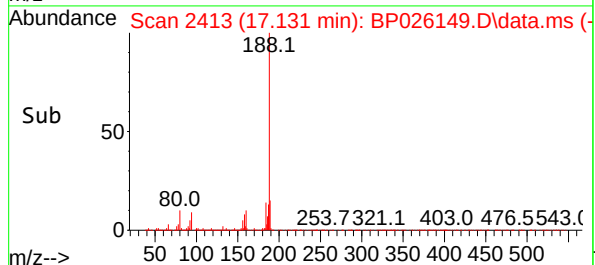
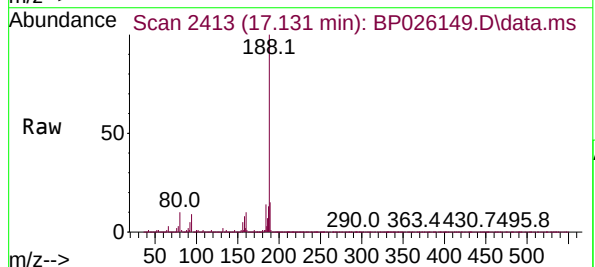
Manual Integrations
APPROVED

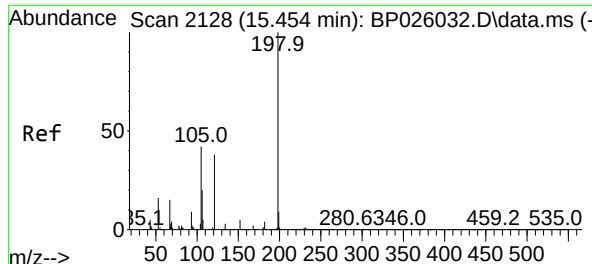
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.131 min Scan# 2413
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:188 Resp: 1609780
Ion Ratio Lower Upper
188 100
94 9.0 7.8 11.6
80 9.9 8.2 12.2





#65

4,6-Dinitro-2-methylphenol

Concen: 63.752 ng

RT: 15.466 min Scan# 2128

Delta R.T. 0.000 min

Lab File: BP026149.D

Acq: 18 Nov 2025 20:00

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:198 Resp: 645829

Ion Ratio Lower Upper

198 100

51 40.0 18.4 58.4

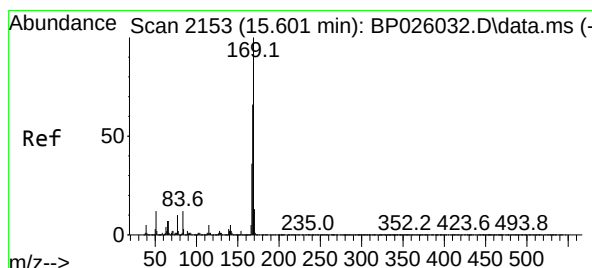
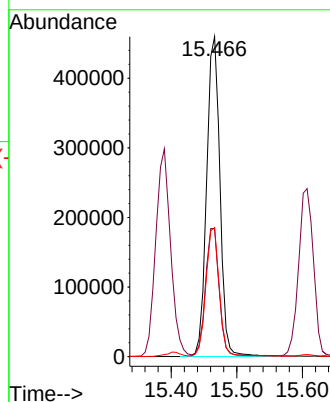
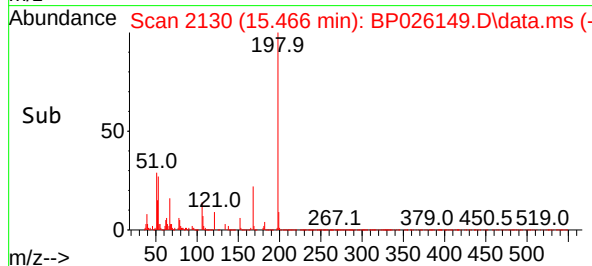
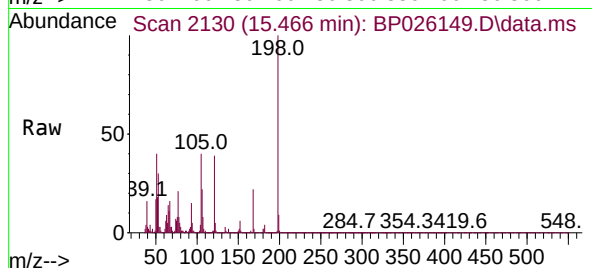
105 40.3 18.5 58.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#66

n-Nitrosodiphenylamine

Concen: 59.025 ng

RT: 15.607 min Scan# 2154

Delta R.T. 0.000 min

Lab File: BP026149.D

Acq: 18 Nov 2025 20:00

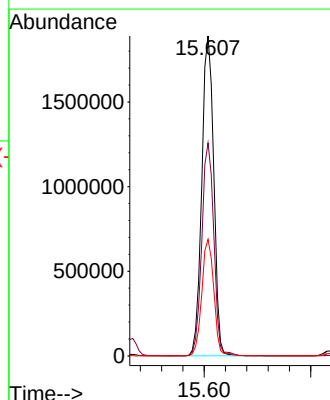
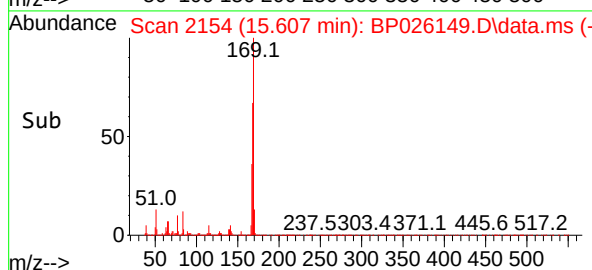
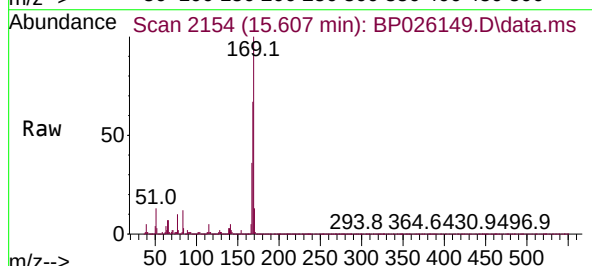
Tgt Ion:169 Resp: 2939838

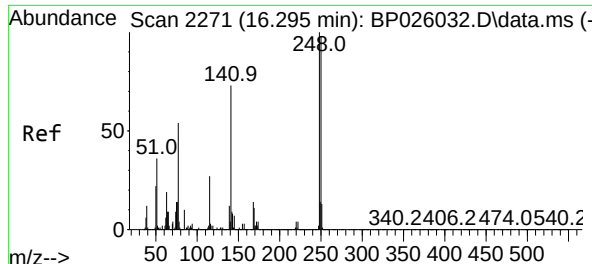
Ion Ratio Lower Upper

169 100

168 66.5 53.1 79.7

167 36.4 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 59.865 ng
RT: 16.301 min Scan# 2271
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Instrument :

BNA_P

ClientSampleId :

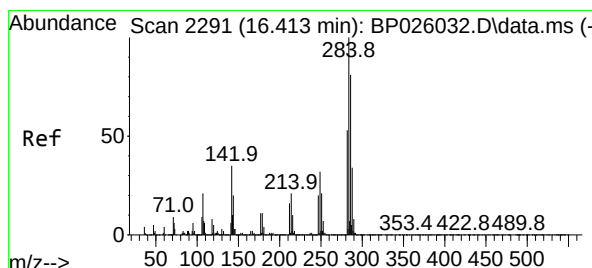
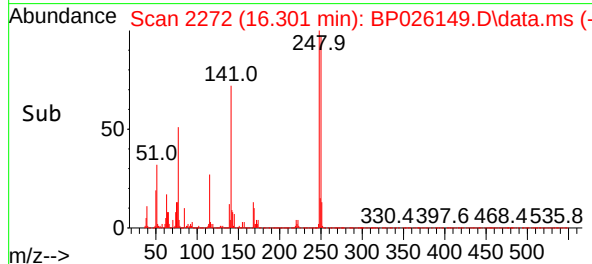
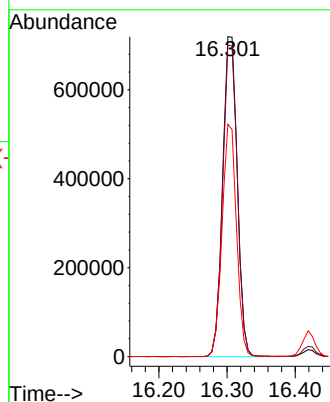
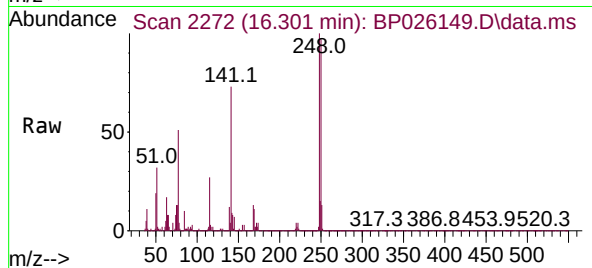
SSTDICC060

Tgt Ion:248 Resp: 1064991
Ion Ratio Lower Upper
248 100
250 97.4 77.8 116.6
141 72.6 55.4 83.0

Manual Integrations

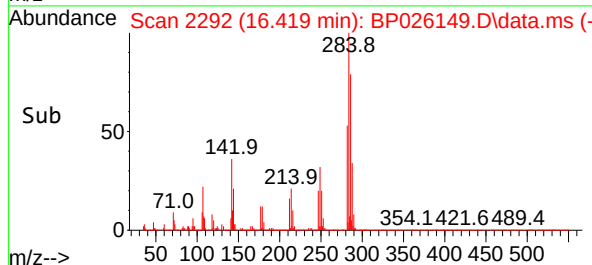
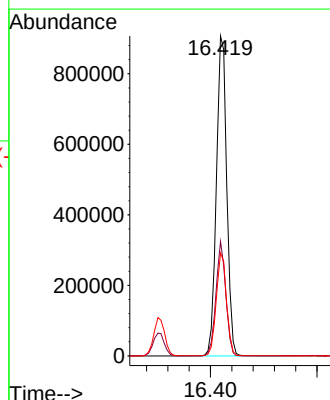
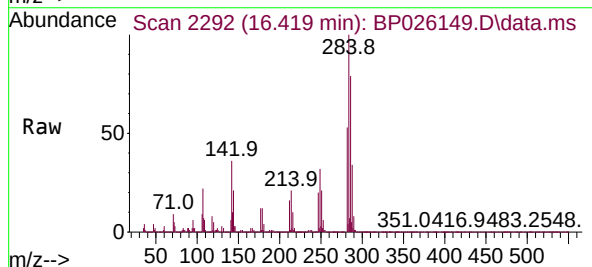
APPROVED

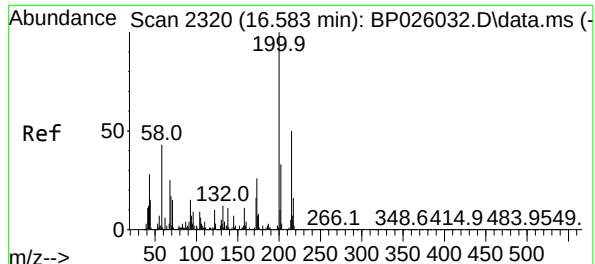
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#68
Hexachlorobenzene
Concen: 59.631 ng
RT: 16.419 min Scan# 2292
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

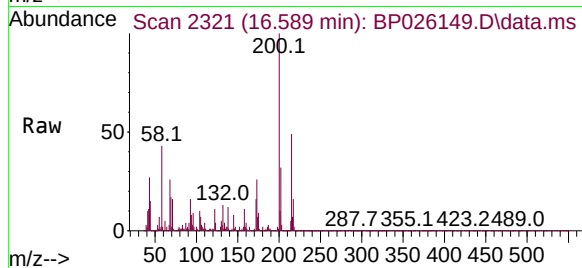
Tgt Ion:284 Resp: 1225655
Ion Ratio Lower Upper
284 100
142 35.8 28.0 42.0
249 32.2 25.0 37.4





#69
Atrazine
Concen: 59.021 ng
RT: 16.589 min Scan# 2321
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

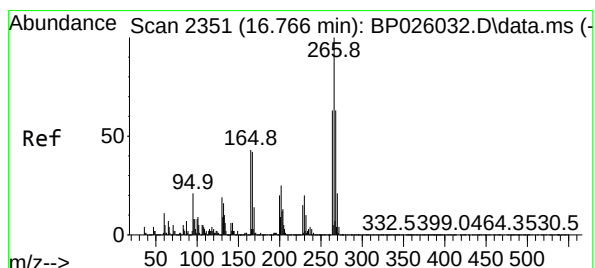
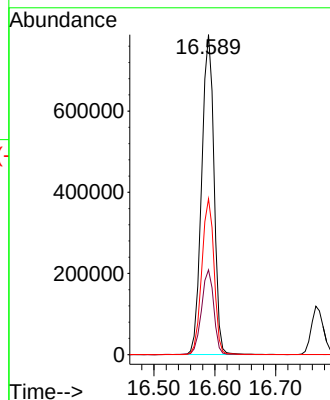
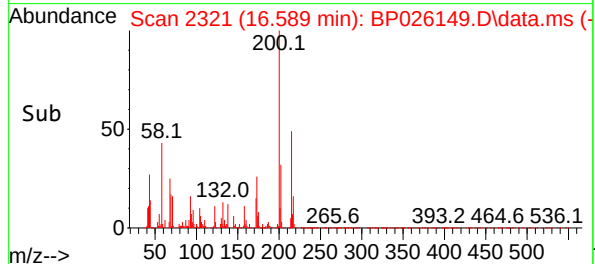
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion:200 Resp: 110697
Ion Ratio Lower Upper
200 100
173 26.5 6.7 46.7
215 48.7 27.4 67.4

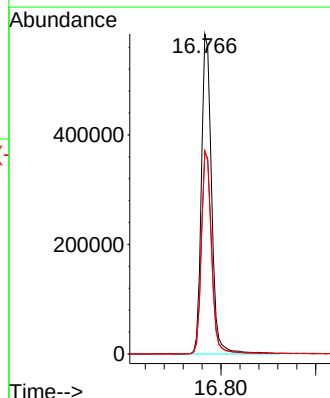
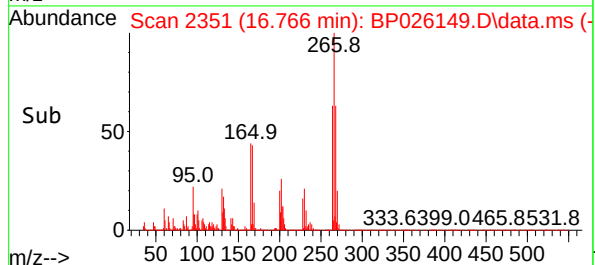
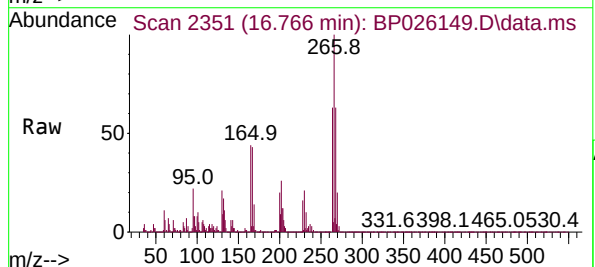
Manual Integrations
APPROVED

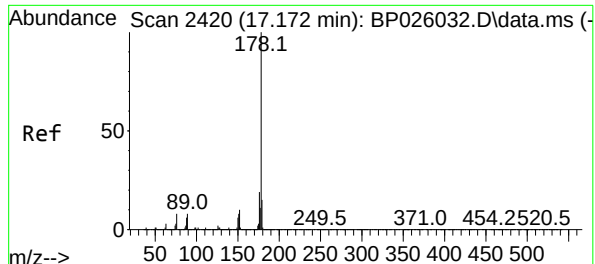
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#70
Pentachlorophenol
Concen: 60.353 ng
RT: 16.766 min Scan# 2351
Delta R.T. -0.012 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

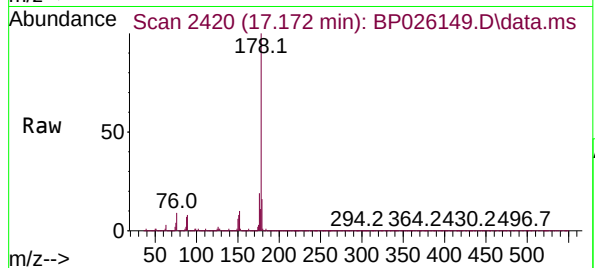
Tgt Ion:266 Resp: 870320
Ion Ratio Lower Upper
266 100
268 63.1 51.0 76.4
264 63.5 50.2 75.2





#71
Phenanthrene
Concen: 57.751 ng
RT: 17.172 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

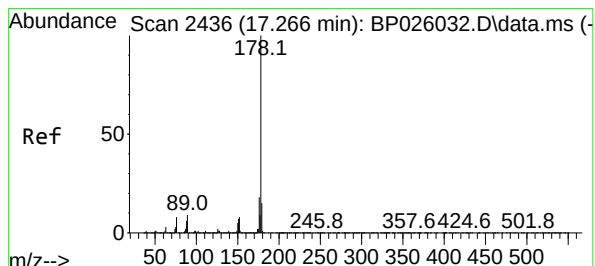
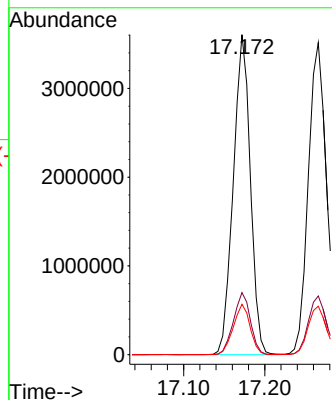
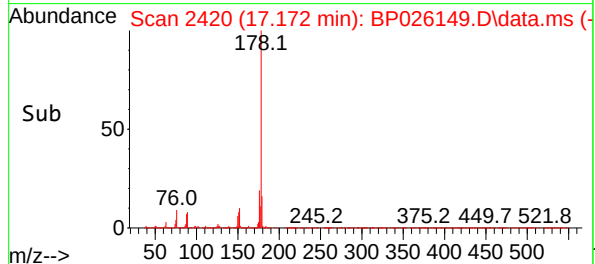
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion:178 Resp: 5259509
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.7 12.4 18.6

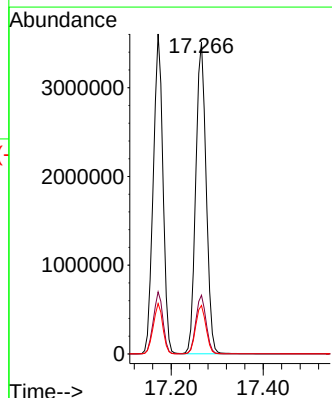
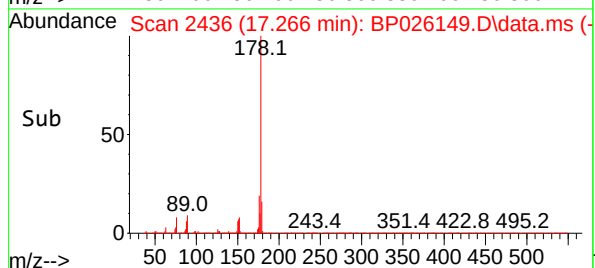
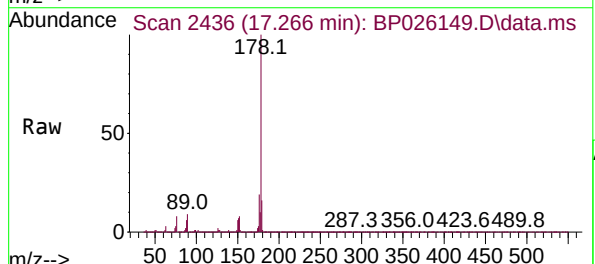
Manual Integrations
APPROVED

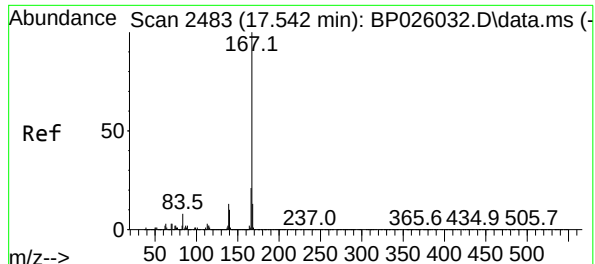
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#72
Anthracene
Concen: 58.894 ng
RT: 17.266 min Scan# 2436
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

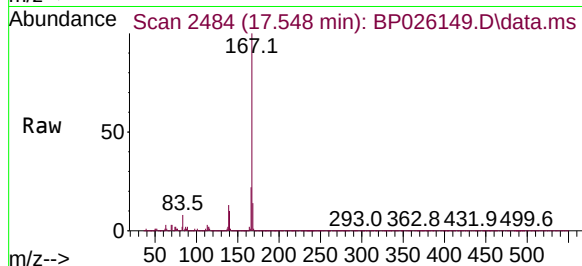
Tgt Ion:178 Resp: 5478029
Ion Ratio Lower Upper
178 100
176 18.8 14.8 22.2
179 15.5 12.2 18.4





#73
Carbazole
Concen: 57.610 ng
RT: 17.548 min Scan# 2483
Delta R.T. 0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

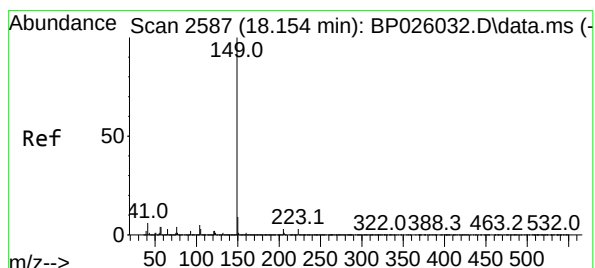
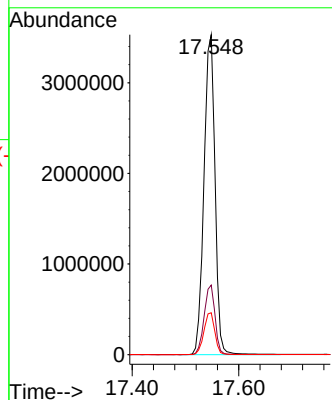
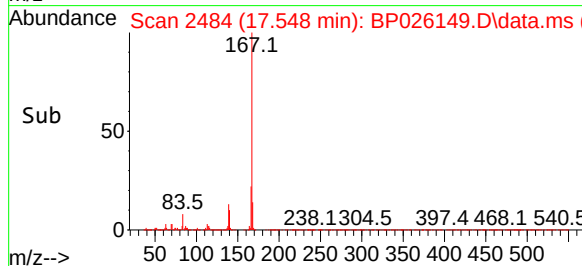
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion:167 Resp: 506947
Ion Ratio Lower Upper
167 100
166 21.7 17.1 25.7
139 13.1 10.2 15.4

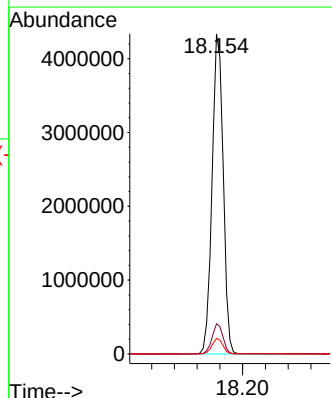
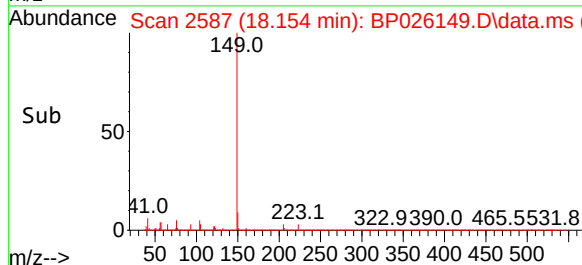
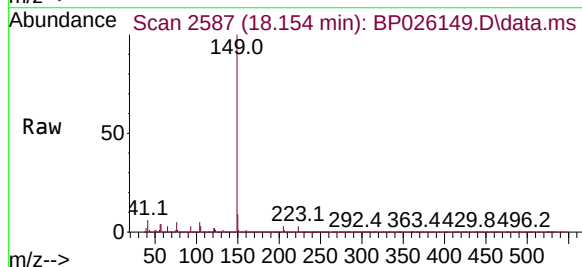
Manual Integrations
APPROVED

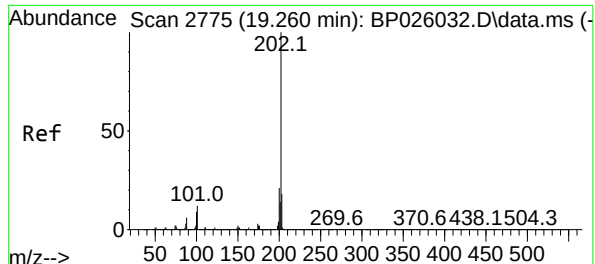
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#74
Di-n-butylphthalate
Concen: 56.562 ng
RT: 18.154 min Scan# 2587
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

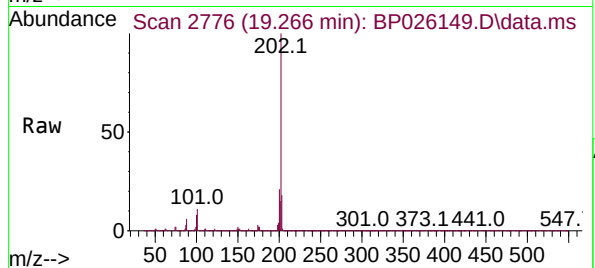
Tgt Ion:149 Resp: 5907343
Ion Ratio Lower Upper
149 100
150 9.4 7.5 11.3
104 4.8 3.6 5.4





#75
Fluoranthene
Concen: 57.206 ng
RT: 19.266 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

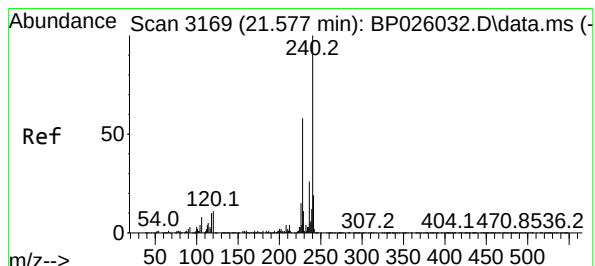
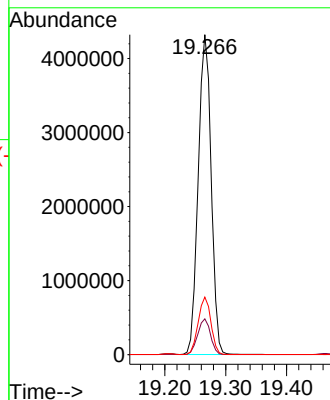
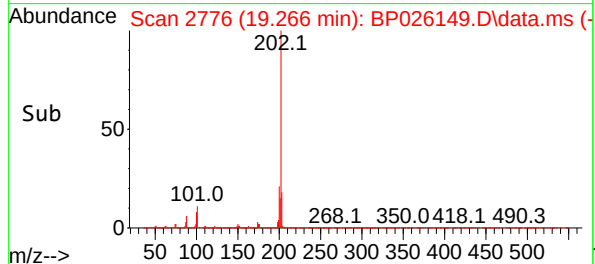
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion:202 Resp: 6367611
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.2
203 18.0 0.0 37.7

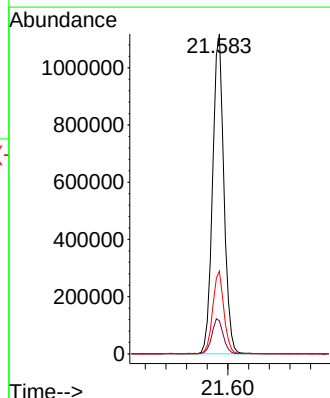
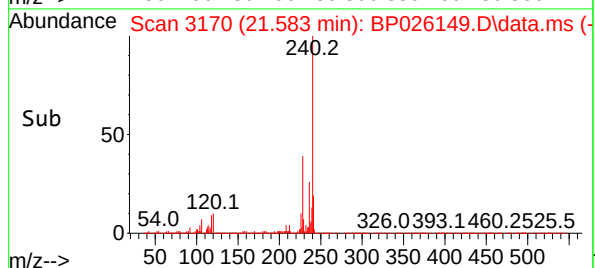
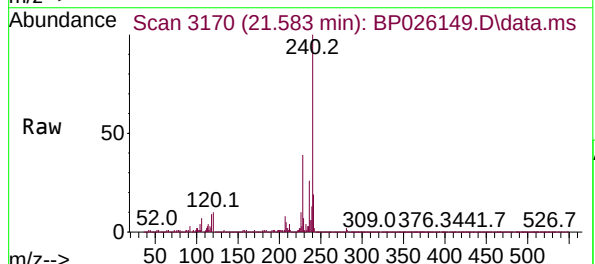
Manual Integrations
APPROVED

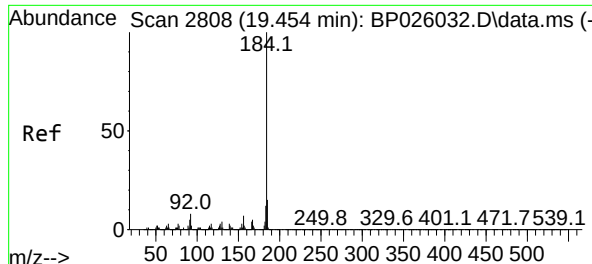
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.012 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

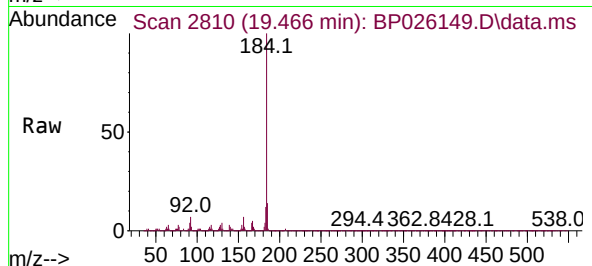
Tgt Ion:240 Resp: 1696557
Ion Ratio Lower Upper
240 100
120 10.3 9.0 13.4
236 25.9 20.4 30.6





#77
Benzidine
Concen: 57.876 ng
RT: 19.466 min Scan# 2810
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

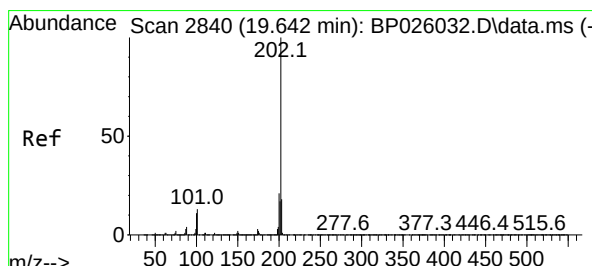
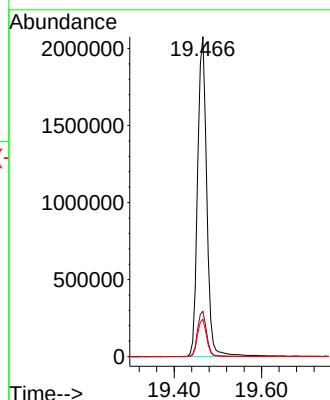
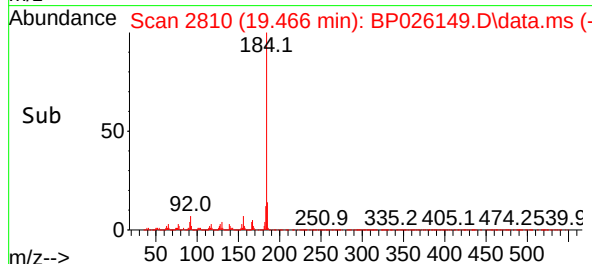
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion:184 Resp: 3022349
Ion Ratio Lower Upper
184 100
185 14.1 11.3 16.9
183 11.6 9.0 13.6

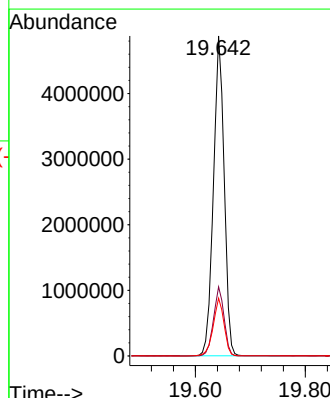
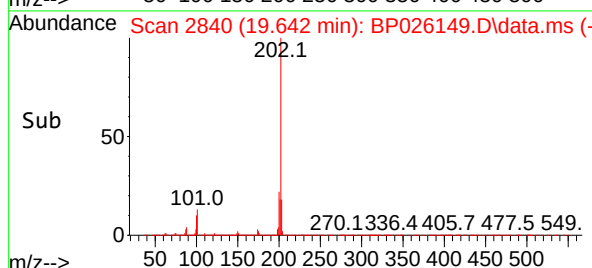
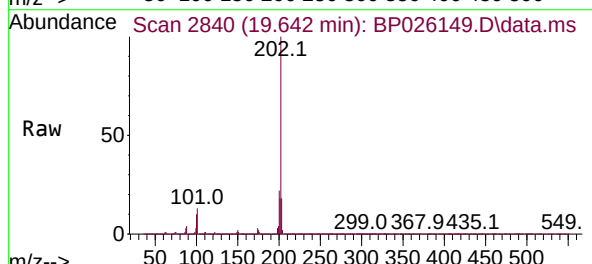
Manual Integrations
APPROVED

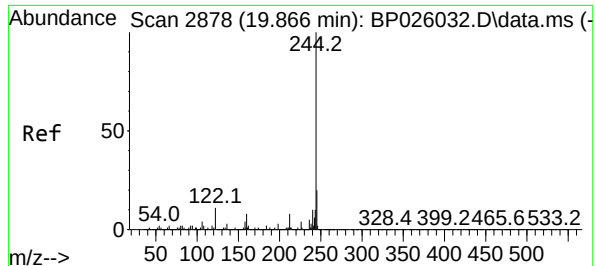
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#78
Pyrene
Concen: 59.952 ng
RT: 19.642 min Scan# 2840
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

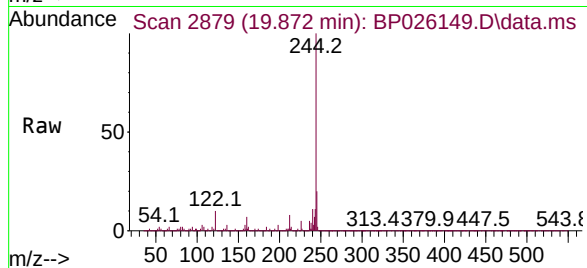
Tgt Ion:202 Resp: 6627085
Ion Ratio Lower Upper
202 100
200 21.6 16.9 25.3
203 18.0 13.8 20.8





#79
Terphenyl-d14
Concen: 112.262 ng
RT: 19.872 min Scan# 2879
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

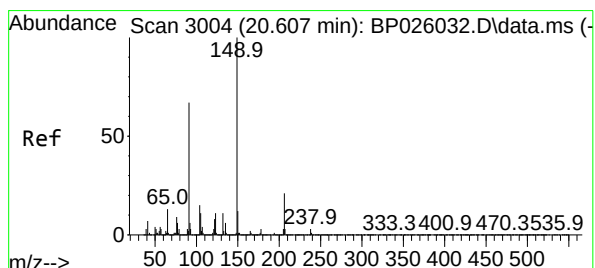
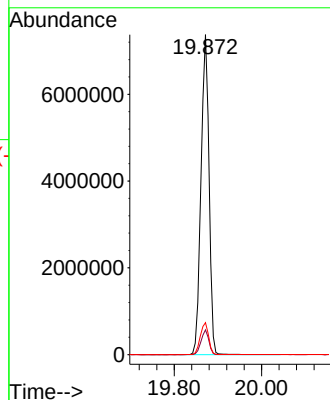
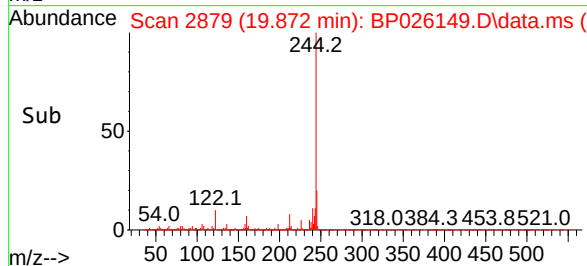
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion:244 Resp: 9339644
Ion Ratio Lower Upper
244 100
212 7.7 5.8 8.8
122 10.0 8.2 12.2

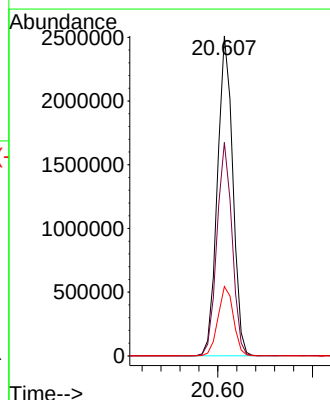
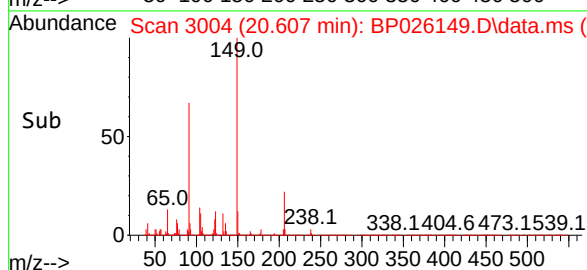
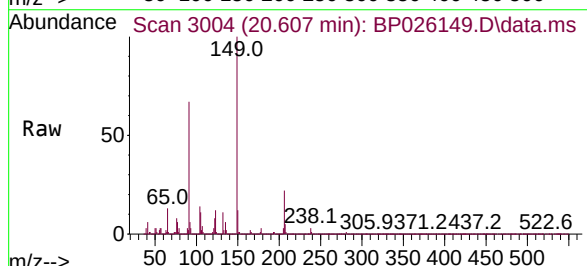
Manual Integrations
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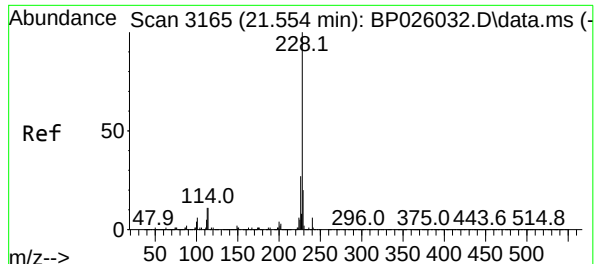
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#80
Butylbenzylphthalate
Concen: 57.369 ng
RT: 20.607 min Scan# 3004
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:149 Resp: 2824354
Ion Ratio Lower Upper
149 100
91 66.7 52.6 79.0
206 21.7 16.9 25.3





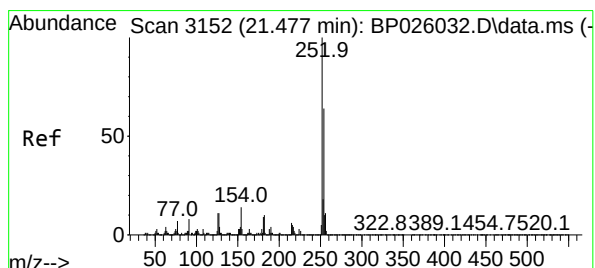
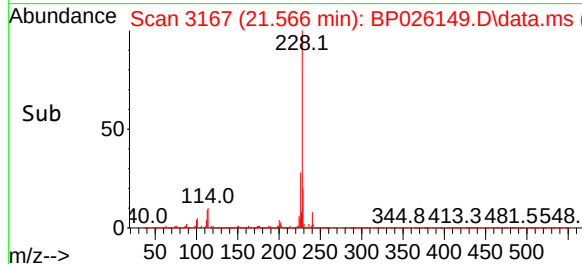
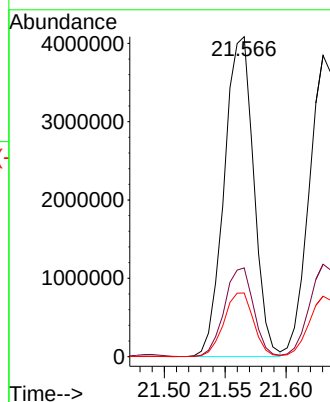
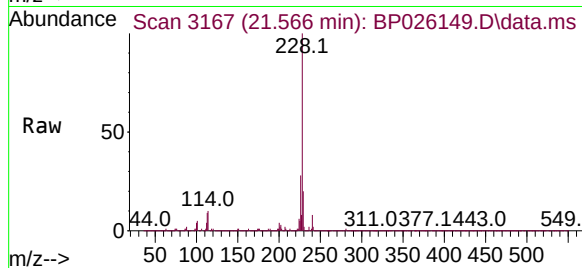
#81
Benzo(a)anthracene
Concen: 59.071 ng
RT: 21.566 min Scan# 3167
Delta R.T. 0.012 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 6873070
Ion Ratio Lower Upper
228 100
226 27.8 21.8 32.8
229 19.9 15.9 23.9

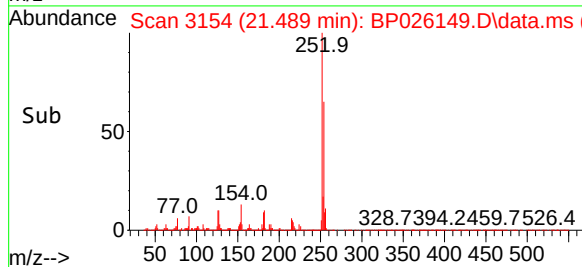
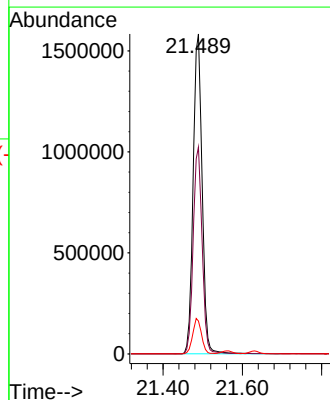
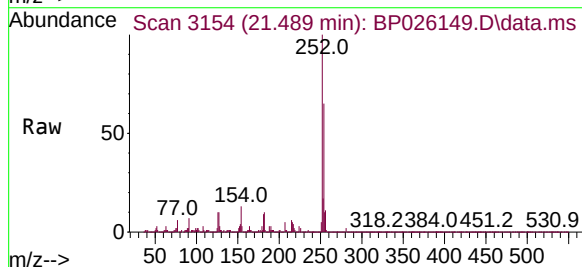
Manual Integrations
APPROVED

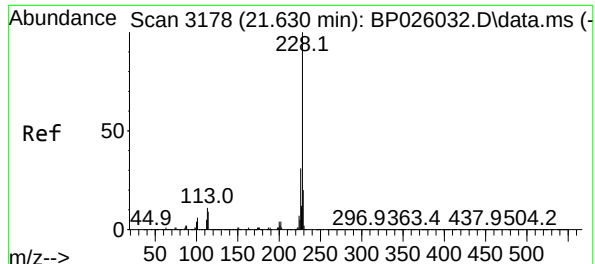
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#82
3,3'-Dichlorobenzidine
Concen: 59.050 ng
RT: 21.489 min Scan# 3154
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:252 Resp: 2496806
Ion Ratio Lower Upper
252 100
254 64.6 51.2 76.8
126 10.3 8.2 12.4





#83

Chrysene

Concen: 59.444 ng

RT: 21.630 min Scan# 3178

Delta R.T. 0.012 min

Lab File: BP026149.D

Acq: 18 Nov 2025 20:00

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:228 Resp: 651165

Ion Ratio Lower Upper

228 100

226 30.7 23.9 35.9

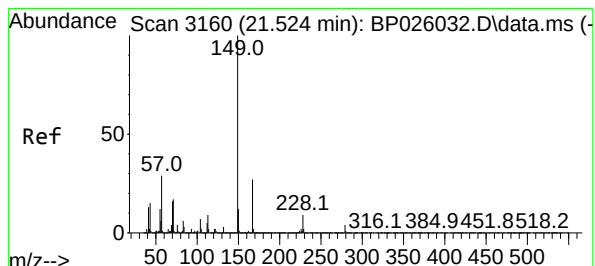
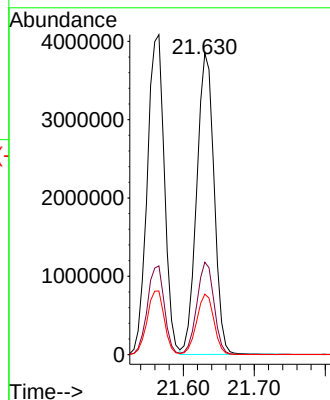
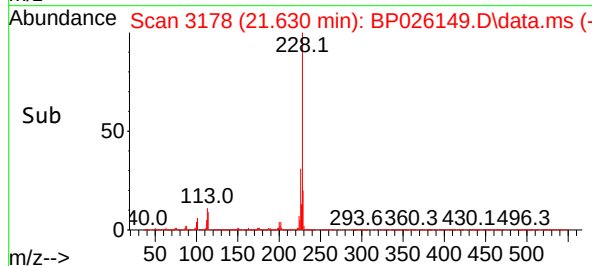
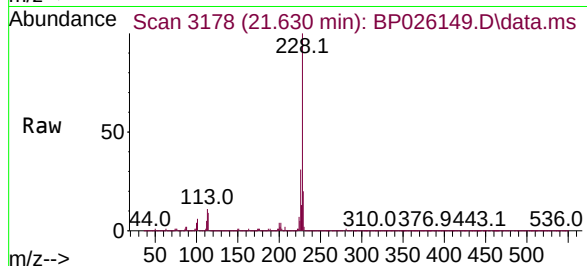
229 20.1 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.063 ng

RT: 21.525 min Scan# 3160

Delta R.T. 0.006 min

Lab File: BP026149.D

Acq: 18 Nov 2025 20:00

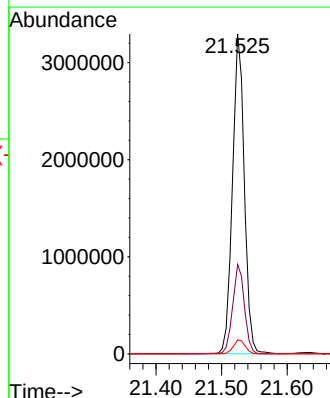
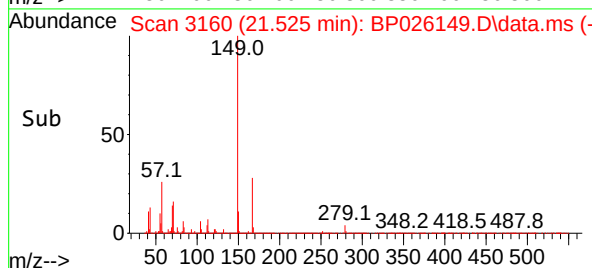
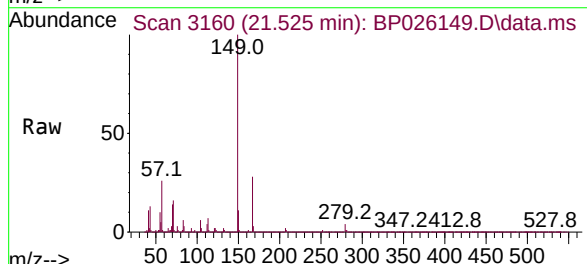
Tgt Ion:149 Resp: 4143037

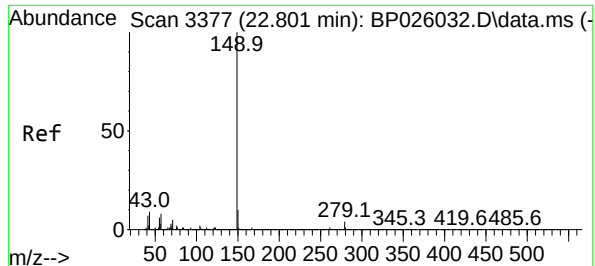
Ion Ratio Lower Upper

149 100

167 27.9 22.1 33.1

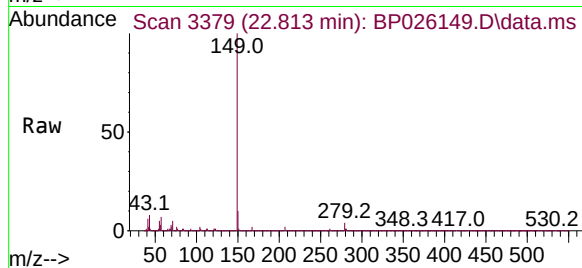
279 4.4 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 57.415 ng
RT: 22.813 min Scan# 3377
Delta R.T. 0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

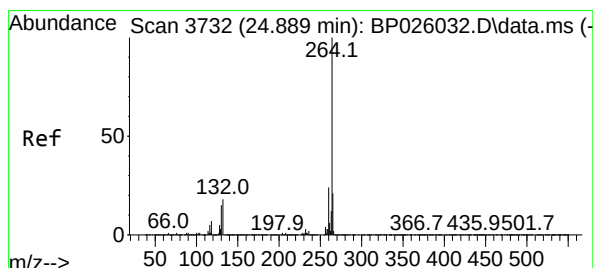
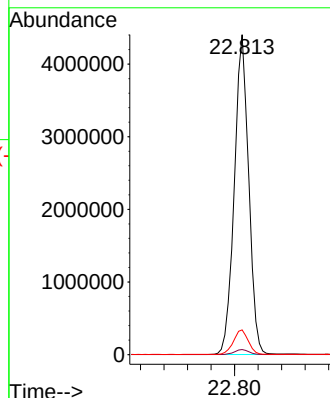
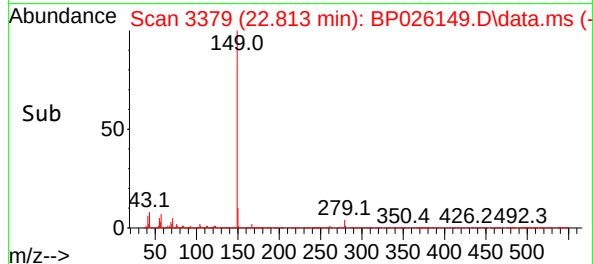
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion:149 Resp: 7466824
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 7.9 6.6 10.0

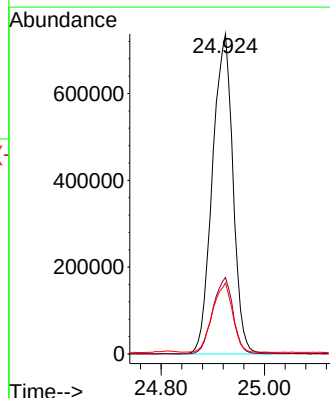
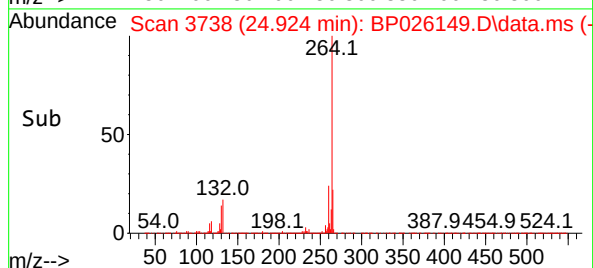
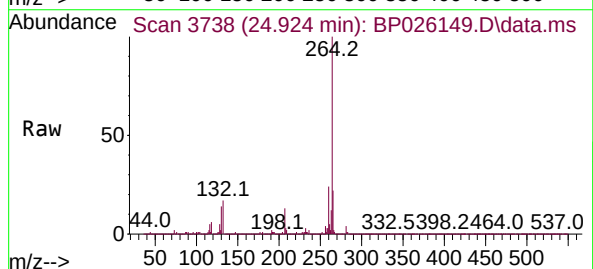
Manual Integrations
APPROVED

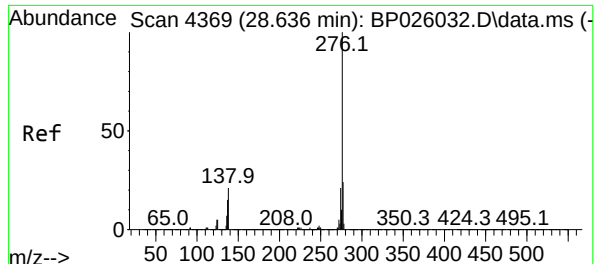
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.924 min Scan# 3738
Delta R.T. 0.018 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

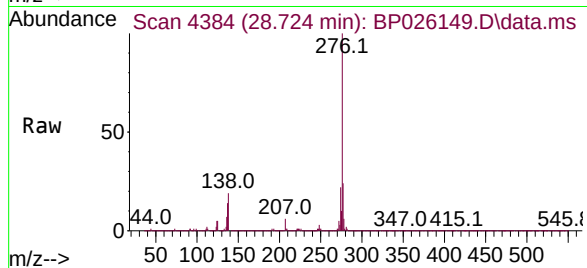
Tgt Ion:264 Resp: 2032089
Ion Ratio Lower Upper
264 100
260 23.9 18.7 28.1
265 22.2 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 61.647 ng m
RT: 28.724 min Scan# 4369
Delta R.T. 0.018 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

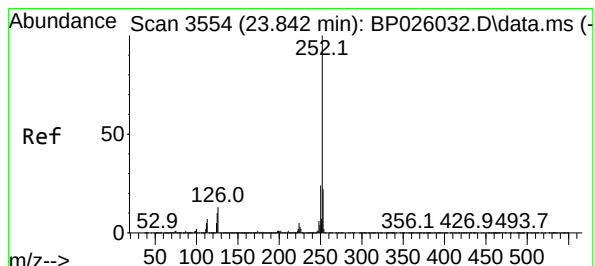
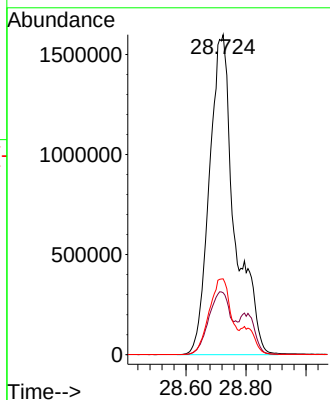
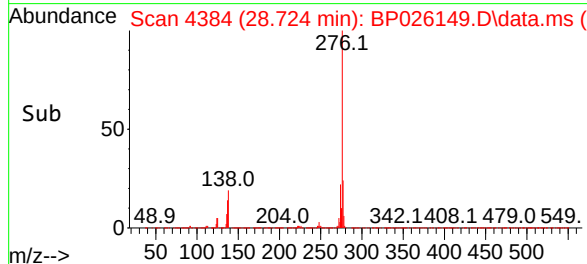
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion: 276 Resp: 9332480
Ion Ratio Lower Upper
276 100
138 17.8 13.8 20.8
277 20.5 16.7 25.1

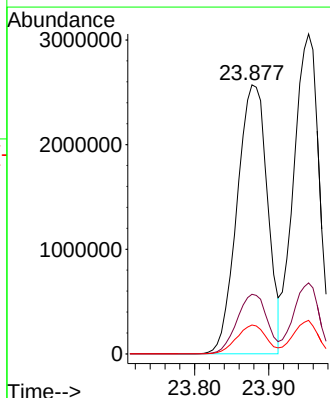
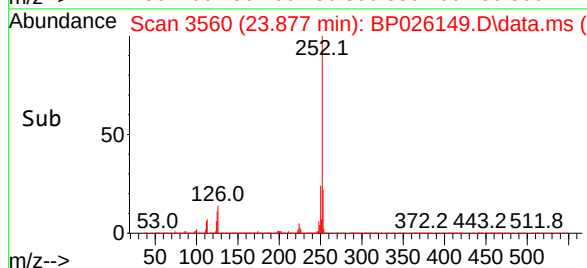
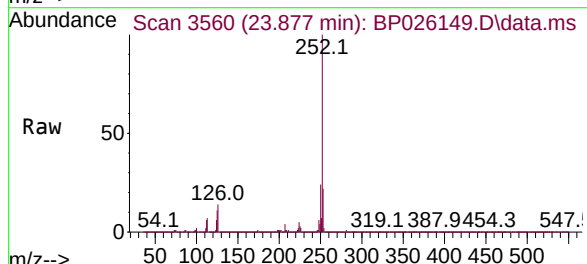
Manual Integrations
APPROVED

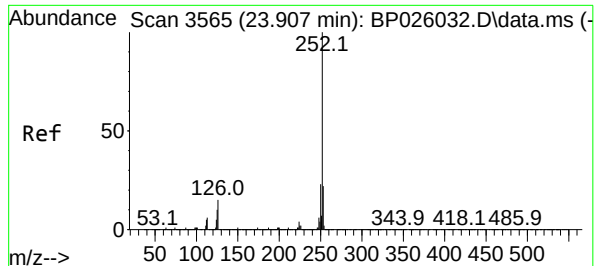
Reviewed By : Jagrut Upadhyay 11/19/2025
Supervised By : Sohil Jodhani 11/19/2025



#88
Benzo(b)fluoranthene
Concen: 59.218 ng
RT: 23.877 min Scan# 3560
Delta R.T. 0.012 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion: 252 Resp: 7316006
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 10.7 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 58.835 ng

RT: 23.954 min Scan# 31

Delta R.T. 0.018 min

Lab File: BP026149.D

Acq: 18 Nov 2025 20:00

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:252 Resp: 7264550

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

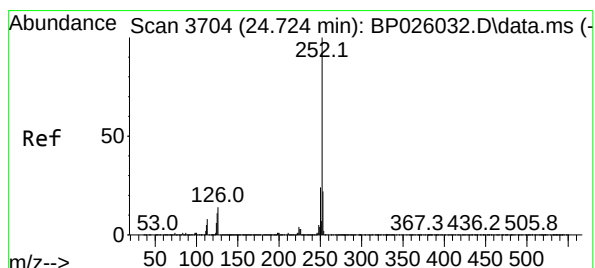
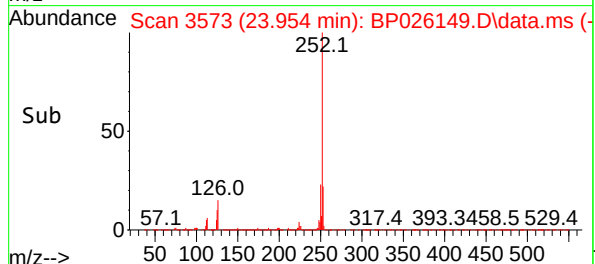
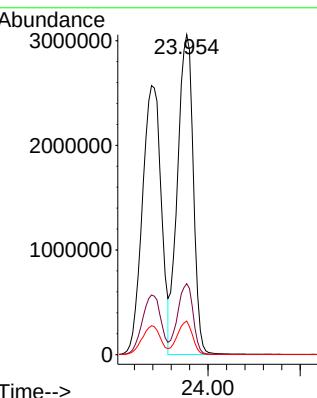
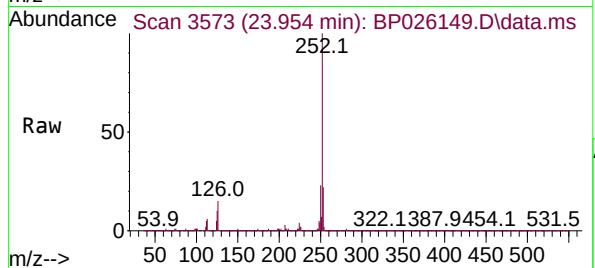
125 10.5 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#90

Benzo(a)pyrene

Concen: 59.626 ng

RT: 24.765 min Scan# 3711

Delta R.T. 0.012 min

Lab File: BP026149.D

Acq: 18 Nov 2025 20:00

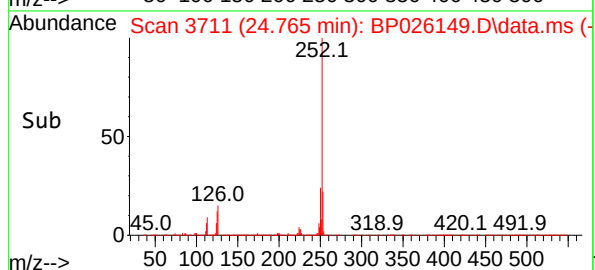
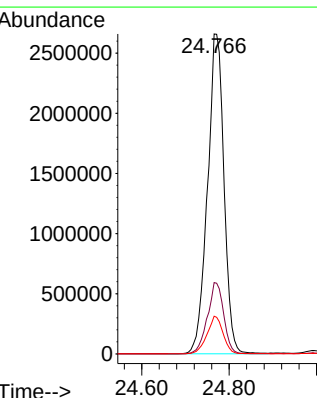
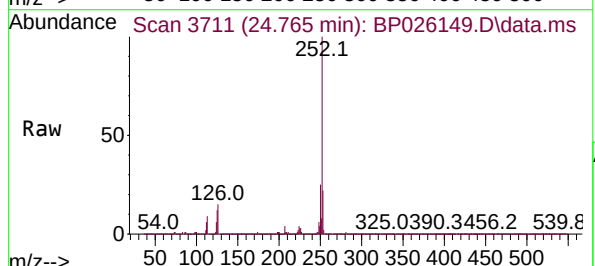
Tgt Ion:252 Resp: 6987741

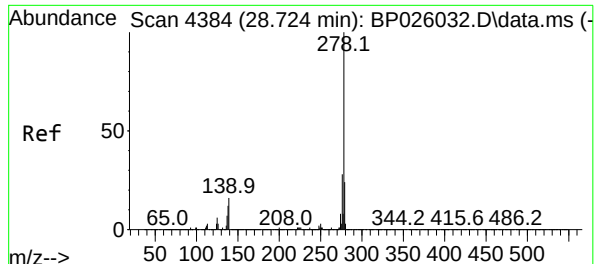
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

125 11.8 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 61.180 ng

RT: 28.795 min Scan# 4384

Delta R.T. 0.000 min

Lab File: BP026149.D

Acq: 18 Nov 2025 20:00

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:278 Resp: 7590692

Ion Ratio Lower Upper

278 100

139 15.8 13.2 19.8

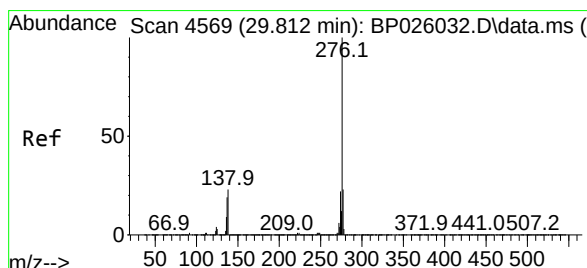
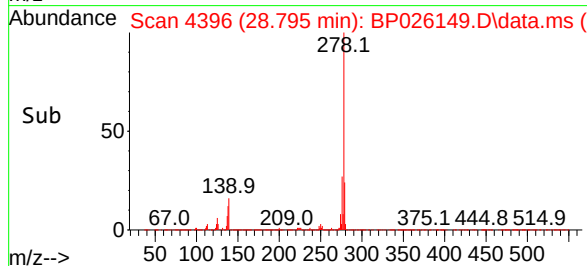
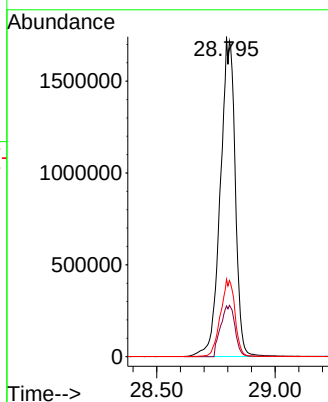
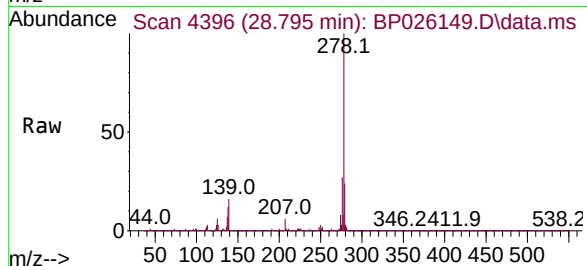
279 24.2 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#92

Benzo(g,h,i)perylene

Concen: 61.561 ng

RT: 29.883 min Scan# 4581

Delta R.T. 0.000 min

Lab File: BP026149.D

Acq: 18 Nov 2025 20:00

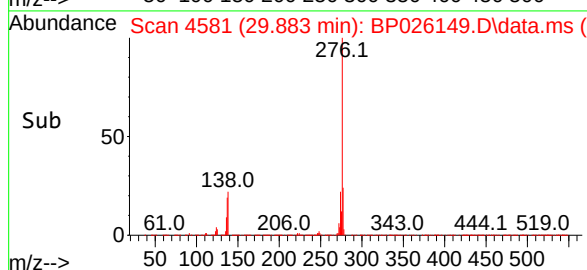
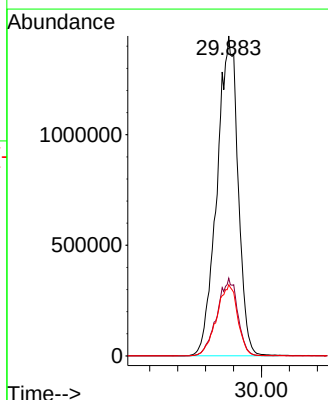
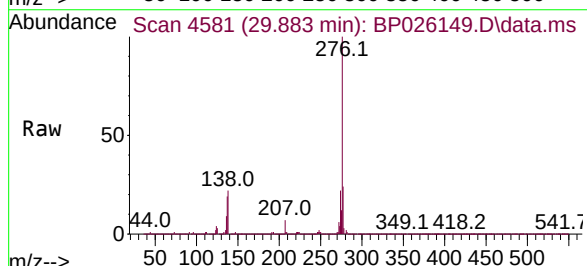
Tgt Ion:276 Resp: 7581255

Ion Ratio Lower Upper

276 100

277 24.3 18.8 28.2

138 22.2 17.8 26.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
 Data File : BP026150.D
 Acq On : 18 Nov 2025 21:22
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 19 01:15:34 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 19 01:06:38 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.672	152	345750	20.000	ng	0.00
21) Naphthalene-d8	10.437	136	1443668	20.000	ng	-0.01
39) Acenaphthene-d10	14.319	164	916253	20.000	ng	0.00
64) Phenanthrene-d10	17.125	188	1816815	20.000	ng	0.00
76) Chrysene-d12	21.583	240	1872355	20.000	ng	0.01
86) Perylene-d12	24.907	264	2234365	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.290	112	3442714	159.776	ng	0.00
7) Phenol-d6	6.855	99	4415130	160.812	ng	0.00
23) Nitrobenzene-d5	8.819	82	4033252	158.440	ng	0.00
42) 2,4,6-Tribromophenol	15.836	330	1917042	161.460	ng	0.00
45) 2-Fluorobiphenyl	12.925	172	9156268	145.791	ng	0.00
79) Terphenyl-d14	19.866	244	12964447	141.200	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.225	88	682656	77.877	ng	99
3) Pyridine	3.619	79	2016163	79.785	ng	98
4) n-Nitrosodimethylamine	3.525	42	746299	79.241	ng	97
6) Aniline	7.008	93	2927759	80.951	ng	99
8) 2-Chlorophenol	7.249	128	2009119	81.986	ng	99
9) Benzaldehyde	6.819	77	930739	78.716	ng	99
10) Phenol	6.884	94	2391614	80.950	ng	99
11) bis(2-Chloroethyl)ether	7.108	93	1867638	81.013	ng	99
12) 1,3-Dichlorobenzene	7.566	146	2099884	79.578	ng	100
13) 1,4-Dichlorobenzene	7.708	146	2115552	79.609	ng	99
14) 1,2-Dichlorobenzene	8.019	146	2024908	79.210	ng	99
15) Benzyl Alcohol	7.907	79	1621861	80.734	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.196	45	2616851	80.284	ng	99
17) 2-Methylphenol	8.113	107	1634861	81.249	ng	100
18) Hexachloroethane	8.737	117	803419	82.952	ng	97
19) n-Nitroso-di-n-propyla...	8.478	70	1364163	79.788	ng	100
20) 3+4-Methylphenols	8.437	107	2230760	79.724	ng	99
22) Acetophenone	8.484	105	2844696	77.453	ng	# 99
24) Nitrobenzene	8.855	77	2043562	79.321	ng	99
25) Isophorone	9.384	82	4022278	79.581	ng	99
26) 2-Nitrophenol	9.560	139	1116252	85.938	ng	98
27) 2,4-Dimethylphenol	9.625	122	1863595	79.196	ng	100
28) bis(2-Chloroethoxy)met...	9.860	93	2515997	79.503	ng	99
29) 2,4-Dichlorophenol	10.090	162	1895607	80.853	ng	99
30) 1,2,4-Trichlorobenzene	10.302	180	1895013	79.315	ng	99
31) Naphthalene	10.490	128	6074938	77.497	ng	99
32) Benzoic acid	9.813	122	1646676	86.975	ng	99
33) 4-Chloroaniline	10.596	127	2640734	79.361	ng	99
34) Hexachlorobutadiene	10.784	225	1266129	81.448	ng	99
35) Caprolactam	11.401	113	653660	77.424	ng	98
36) 4-Chloro-3-methylphenol	11.731	107	1972354	79.070	ng	99
37) 2-Methylnaphthalene	12.107	142	4297114	77.446	ng	99
38) 1-Methylnaphthalene	12.331	142	4151377	76.467	ng	99
40) 1,2,4,5-Tetrachloroben...	12.484	216	2208451	79.984	ng	100
41) Hexachlorocyclopentadiene	12.466	237	1597193	88.626	ng	99
43) 2,4,6-Trichlorophenol	12.719	196	1541092	81.106	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
 Data File : BP026150.D
 Acq On : 18 Nov 2025 21:22
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
 Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 19 01:15:34 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 01:06:38 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.795	196	1713807	80.887	ng	99
46) 1,1'-Biphenyl	13.137	154	5350939	77.807	ng	100
47) 2-Chloronaphthalene	13.178	162	4259277	78.776	ng	100
48) 2-Nitroaniline	13.372	65	1240952	82.186	ng	99
49) Acenaphthylene	14.031	152	6984601	78.077	ng	99
50) Dimethylphthalate	13.772	163	5358389	78.482	ng	100
51) 2,6-Dinitrotoluene	13.890	165	1168229	86.521	ng	98
52) Acenaphthene	14.384	154	3961645	75.720	ng	99
53) 3-Nitroaniline	14.225	138	1328194	83.269	ng	97
54) 2,4-Dinitrophenol	14.419	184	762088	94.087	ng	96
55) Dibenzofuran	14.725	168	6063394	74.160	ng	99
56) 4-Nitrophenol	14.542	139	1160755	80.163	ng	98
57) 2,4-Dinitrotoluene	14.684	165	1681172	82.824	ng	99
58) Fluorene	15.389	166	4642250	71.825	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.960	232	1442428	80.377	ng	99
60) Diethylphthalate	15.172	149	5369309	77.587	ng	99
61) 4-Chlorophenyl-phenyle...	15.389	204	2373384	73.978	ng	97
62) 4-Nitroaniline	15.413	138	1312938	78.639	ng	99
63) Azobenzene	15.689	77	4543203	78.140	ng	100
65) 4,6-Dinitro-2-methylph...	15.466	198	1027969	89.911	ng	95
66) n-Nitrosodiphenylamine	15.613	169	4431692	78.838	ng	99
67) 4-Bromophenyl-phenylether	16.301	248	1665615	82.958	ng	99
68) Hexachlorobenzene	16.419	284	1914891	82.547	ng	97
69) Atrazine	16.589	200	1724863	81.486	ng	99
70) Pentachlorophenol	16.772	266	1361754	83.671	ng	100
71) Phenanthrene	17.166	178	7901401	76.873	ng	99
72) Anthracene	17.266	178	8010628	76.308	ng	98
73) Carbazole	17.542	167	7481751	75.335	ng	98
74) Di-n-butylphthalate	18.154	149	9375432	79.539	ng	99
75) Fluoranthene	19.260	202	9351568	74.439	ng	99
77) Benzidine	19.466	184	3802265	65.974	ng	99
78) Pyrene	19.636	202	9565086	78.406	ng	98
80) Butylbenzylphthalate	20.607	149	4393302	80.859	ng	99
81) Benzo(a)anthracene	21.560	228	9949146	77.479	ng	99
82) 3,3'-Dichlorobenzidine	21.483	252	3556791	76.221	ng	99
83) Chrysene	21.630	228	9412347	77.856	ng	98
84) Bis(2-ethylhexyl)phtha...	21.519	149	6825162	83.686	ng	99
85) Di-n-octyl phthalate	22.807	149	11864727	82.666	ng	99
87) Indeno(1,2,3-cd)pyrene	28.712	276	13504257m	81.129	ng	
88) Benzo(b)fluoranthene	23.871	252	10544016	77.620	ng	99
89) Benzo(k)fluoranthene	23.942	252	10628665	78.288	ng	100
90) Benzo(a)pyrene	24.765	252	10207772	79.216	ng	99
91) Dibenzo(a,h)anthracene	28.801	278	11012037	80.721	ng	100
92) Benzo(g,h,i)perylene	29.906	276	11030115	81.458	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
 Data File : BP026150.D
 Acq On : 18 Nov 2025 21:22
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
 Supervised By :Sohil Jodhani 11/19/2025

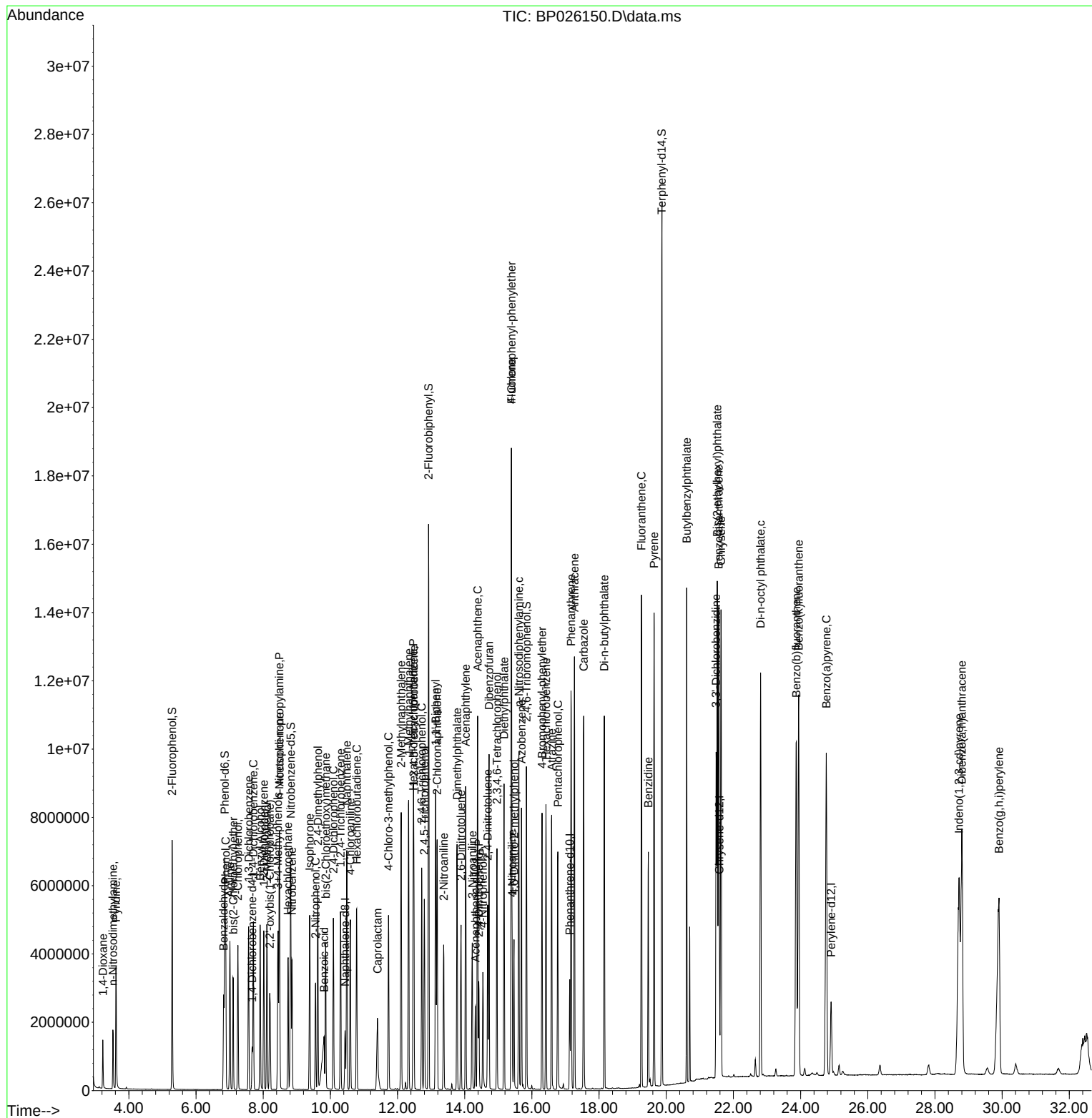
Quant Time: Nov 19 01:15:34 2025

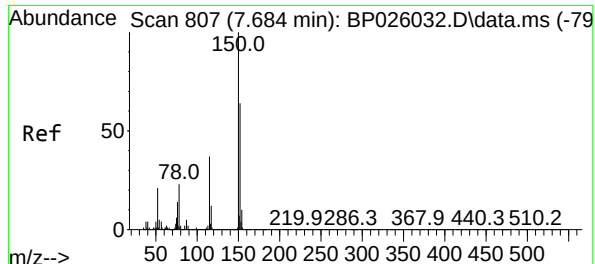
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 19 01:06:38 2025

Response via : Initial Calibration





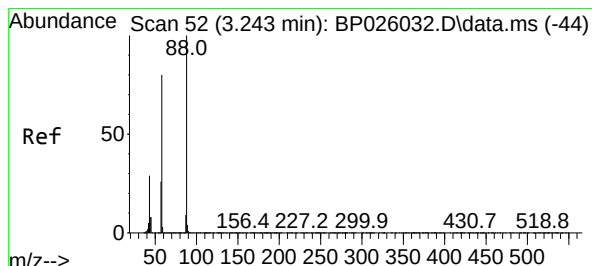
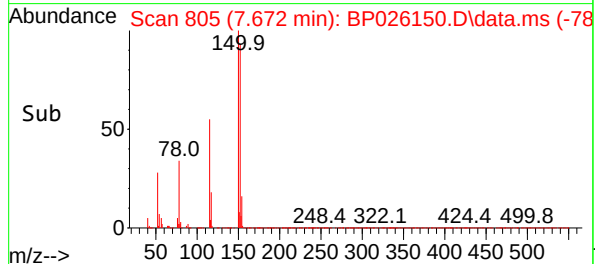
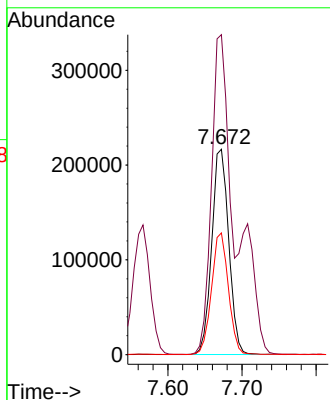
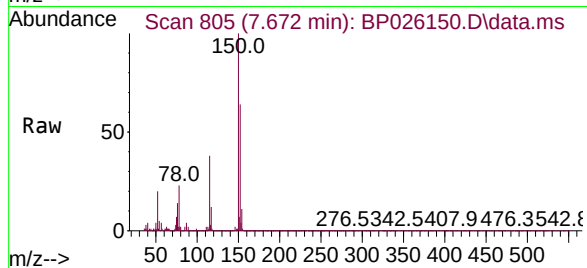
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.672 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:152 Resp: 345750
Ion Ratio Lower Upper
152 100
150 155.8 123.0 184.6
115 59.3 46.3 69.5

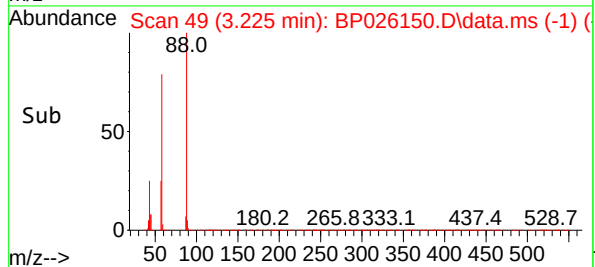
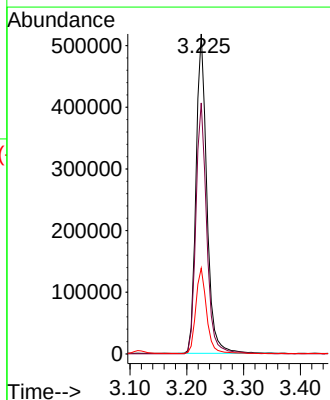
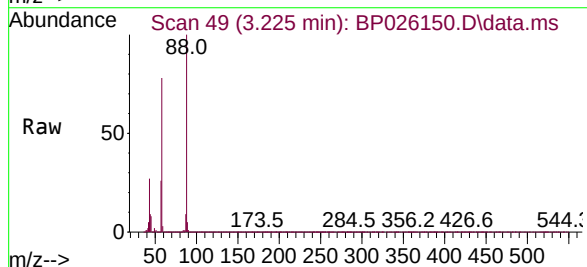
Manual Integrations
APPROVED

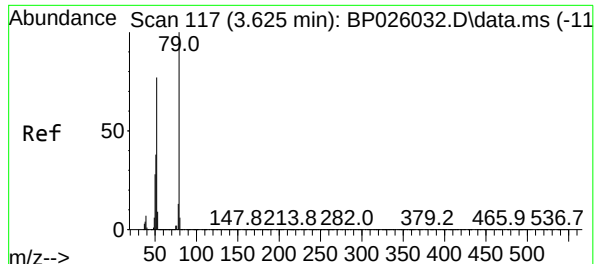
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#2
1,4-Dioxane
Concen: 77.877 ng
RT: 3.225 min Scan# 49
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

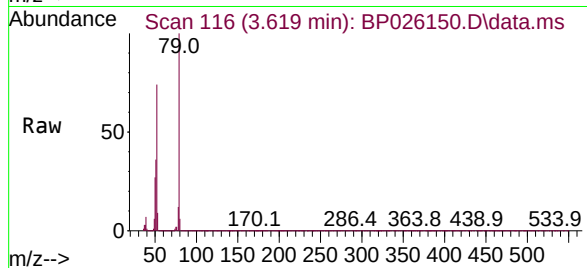
Tgt Ion: 88 Resp: 682656
Ion Ratio Lower Upper
88 100
58 78.9 64.2 96.4
43 26.6 21.5 32.3





#3
Pyridine
Concen: 79.785 ng
RT: 3.619 min Scan# 117
Delta R.T. 0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

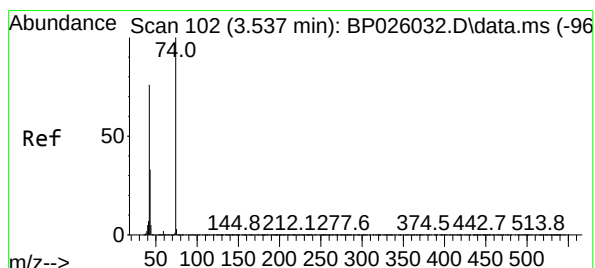
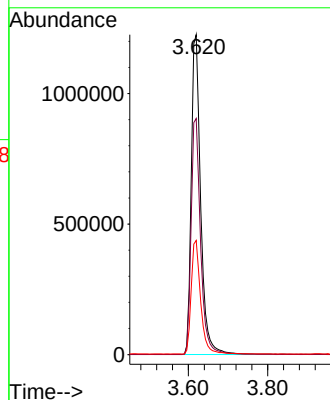
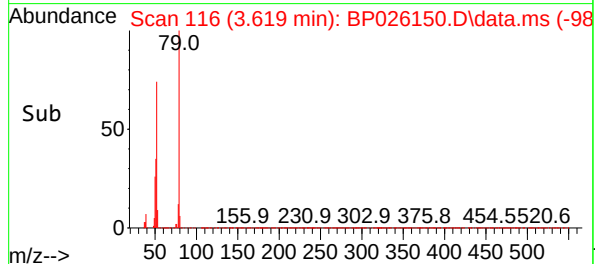
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



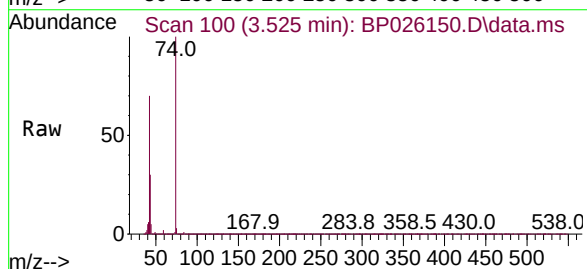
Tgt Ion: 79 Resp: 2016163
Ion Ratio Lower Upper
79 100
52 73.8 60.2 90.2
51 35.7 29.5 44.3

Manual Integrations
APPROVED

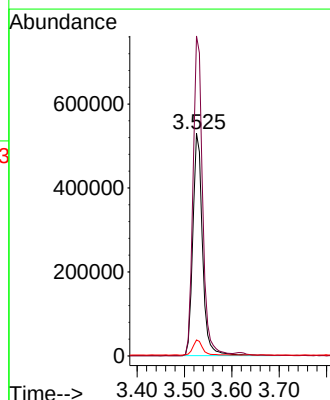
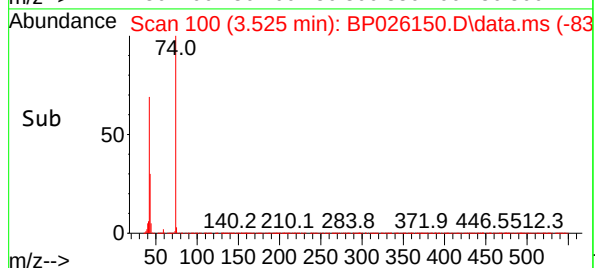
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

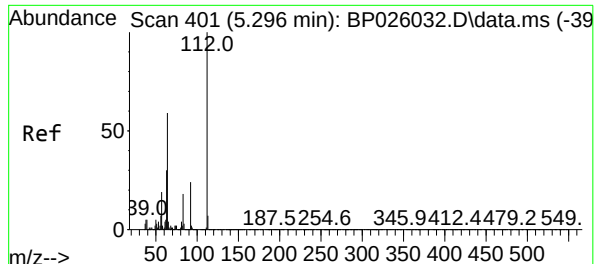


#4
n-Nitrosodimethylamine
Concen: 79.241 ng
RT: 3.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22



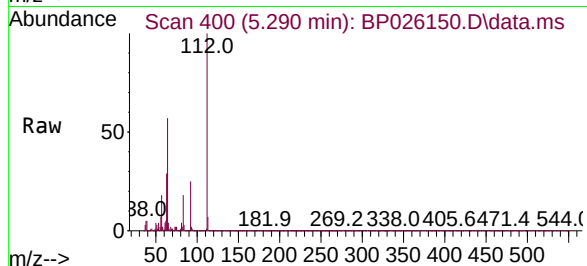
Tgt Ion: 42 Resp: 746299
Ion Ratio Lower Upper
42 100
74 143.8 118.1 177.1
44 7.1 6.2 9.4





#5
2-Fluorophenol
Concen: 159.776 ng
RT: 5.290 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

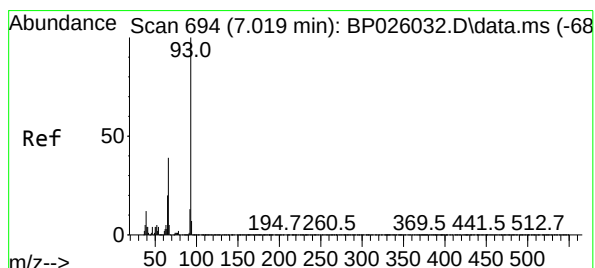
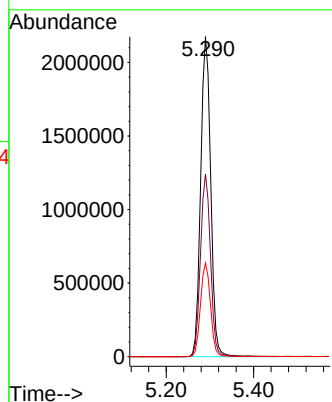
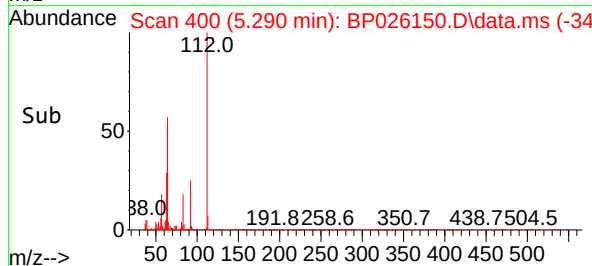
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 112 Resp: 3442714
Ion Ratio Lower Upper
112 100
64 57.1 45.8 68.6
63 29.3 23.5 35.3

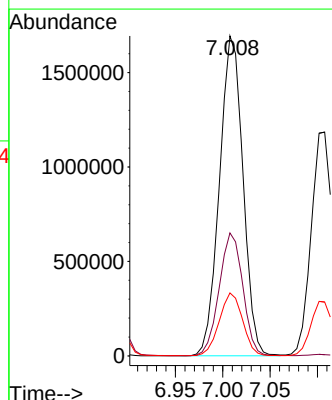
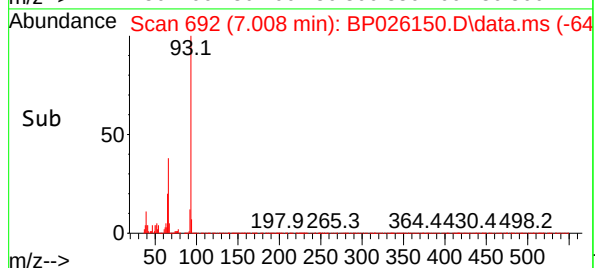
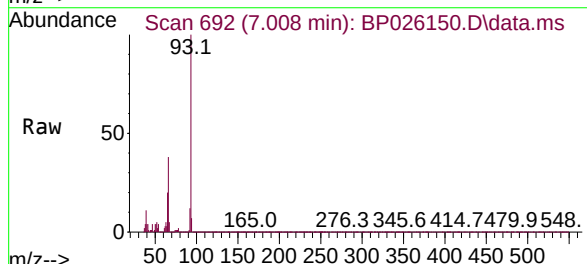
Manual Integrations
APPROVED

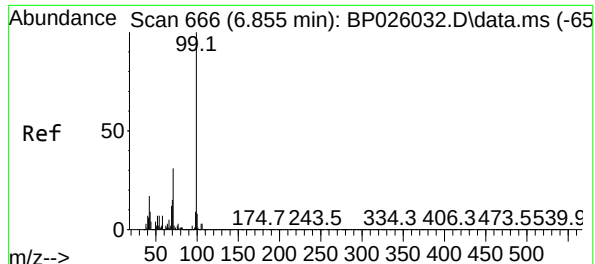
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#6
Aniline
Concen: 80.951 ng
RT: 7.008 min Scan# 692
Delta R.T. 0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

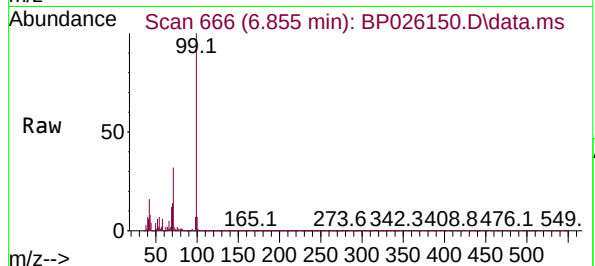
Tgt Ion: 93 Resp: 2927759
Ion Ratio Lower Upper
93 100
66 38.4 31.7 47.5
65 19.7 15.8 23.6





#7
Phenol-d6
Concen: 160.812 ng
RT: 6.855 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

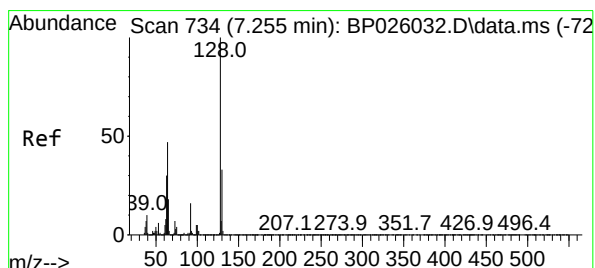
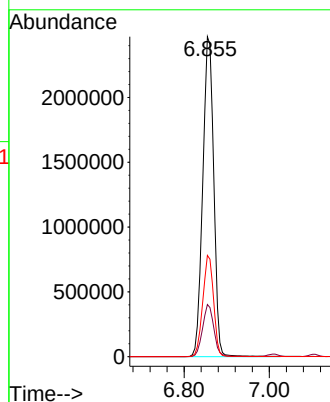
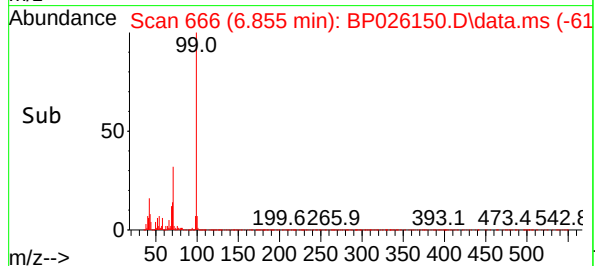
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 99 Resp: 4415130
Ion Ratio Lower Upper
99 100
42 16.3 12.9 19.3
71 31.6 24.8 37.2

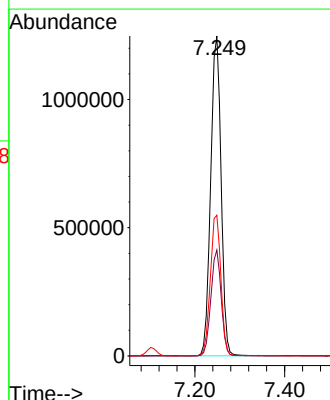
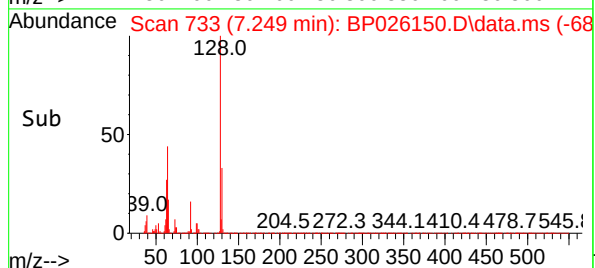
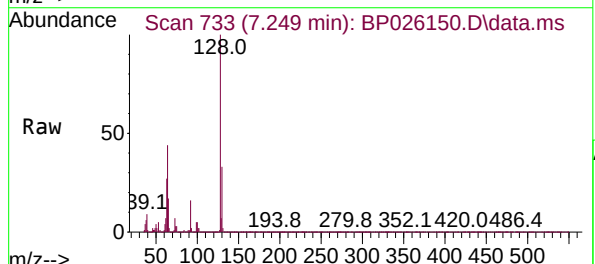
Manual Integrations
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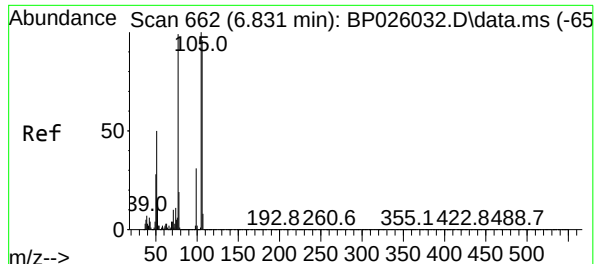
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#8
2-Chlorophenol
Concen: 81.986 ng
RT: 7.249 min Scan# 733
Delta R.T. 0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:128 Resp: 2009119
Ion Ratio Lower Upper
128 100
130 33.1 12.4 52.4
64 44.0 23.9 63.9





#9

Benzaldehyde

Concen: 78.716 ng

RT: 6.819 min Scan# 60

Delta R.T. 0.000 min

Lab File: BP026150.D

Acq: 18 Nov 2025 21:22

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion: 77 Resp: 930739

Ion Ratio Lower Upper

77 100

105 102.4 82.9 122.9

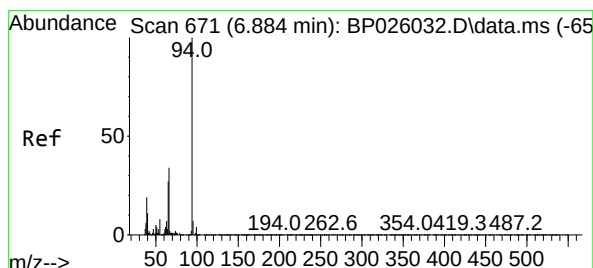
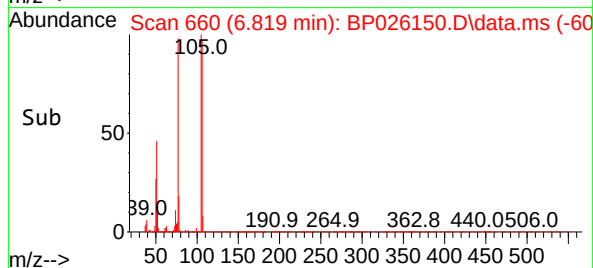
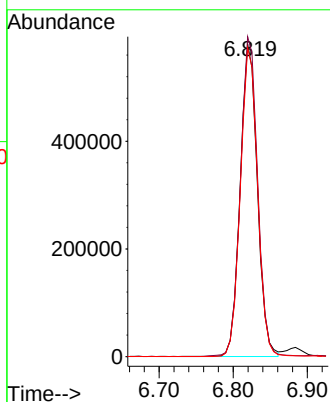
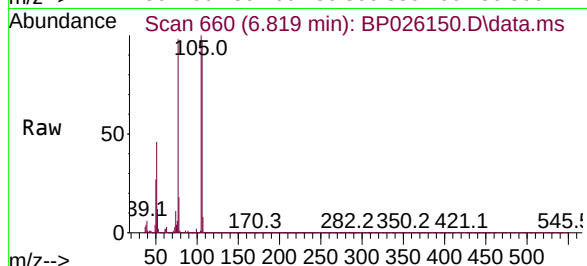
106 98.9 77.8 117.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#10

Phenol

Concen: 80.950 ng

RT: 6.884 min Scan# 671

Delta R.T. 0.006 min

Lab File: BP026150.D

Acq: 18 Nov 2025 21:22

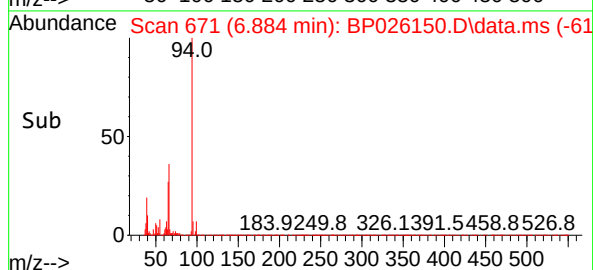
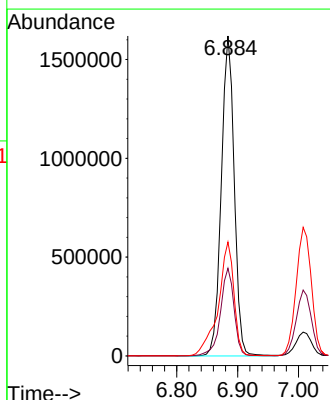
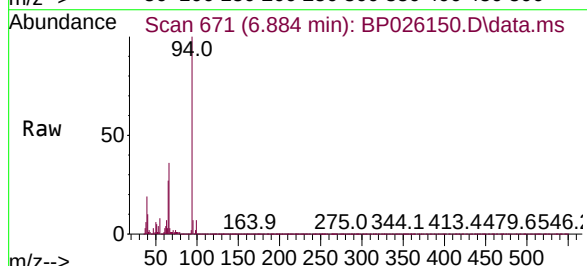
Tgt Ion: 94 Resp: 2391614

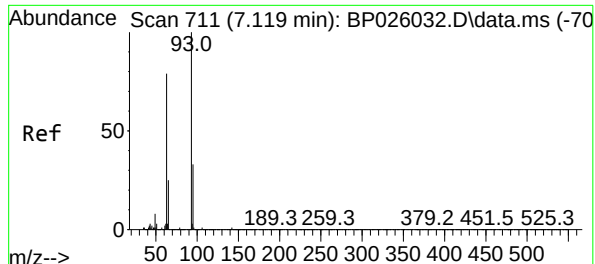
Ion Ratio Lower Upper

94 100

65 27.4 7.0 47.0

66 35.6 14.5 54.5





#11

bis(2-Chloroethyl)ether

Concen: 81.013 ng

RT: 7.108 min Scan# 70

Delta R.T. 0.012 min

Lab File: BP026150.D

Acq: 18 Nov 2025 21:22

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion: 93 Resp: 1867638

Ion Ratio Lower Upper

93 100

63 77.4 58.8 98.8

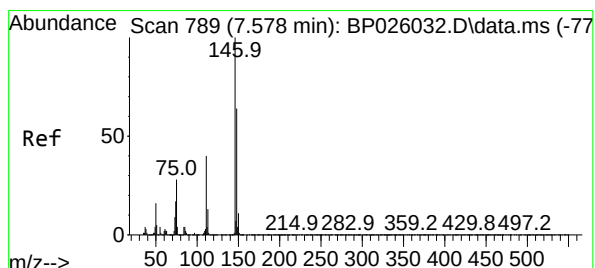
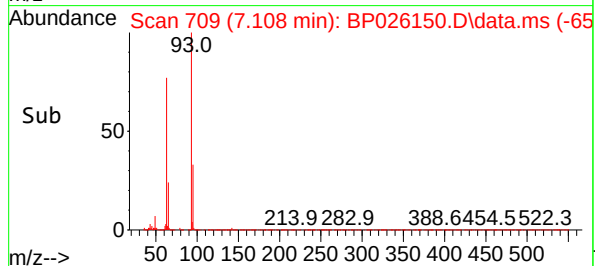
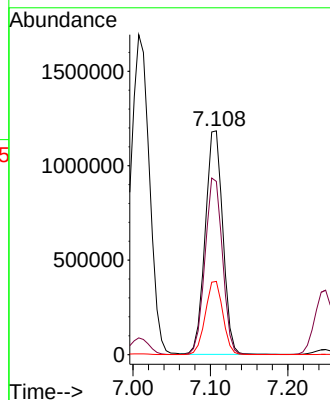
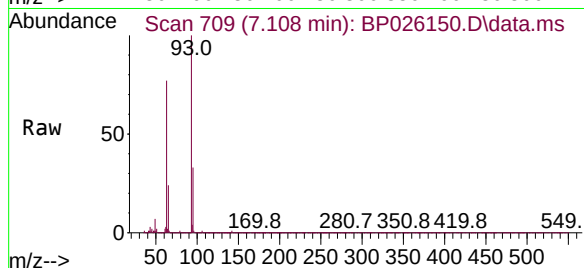
95 32.7 12.1 52.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#12

1,3-Dichlorobenzene

Concen: 79.578 ng

RT: 7.566 min Scan# 787

Delta R.T. 0.000 min

Lab File: BP026150.D

Acq: 18 Nov 2025 21:22

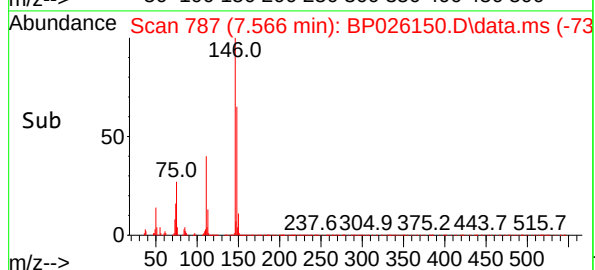
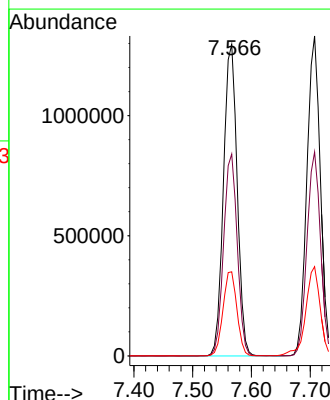
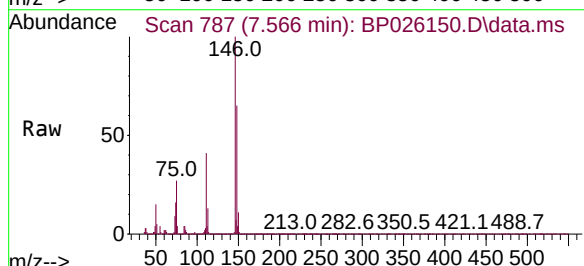
Tgt Ion:146 Resp: 2099884

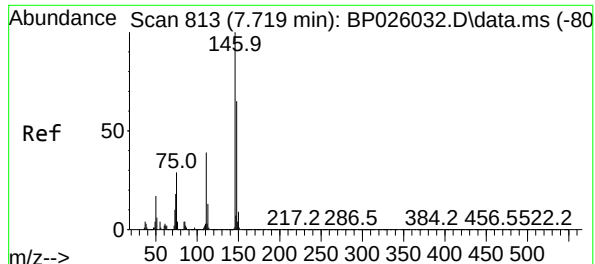
Ion Ratio Lower Upper

146 100

148 64.8 51.8 77.8

75 27.0 22.2 33.2





#13

1,4-Dichlorobenzene

Concen: 79.609 ng

RT: 7.708 min Scan# 81

Delta R.T. 0.006 min

Lab File: BP026150.D

Acq: 18 Nov 2025 21:22

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 211555

Ion Ratio Lower Upper

146 100

148 63.7 51.4 77.2

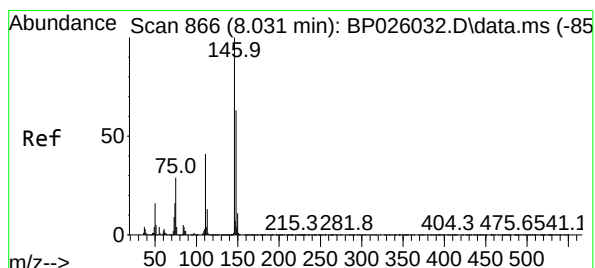
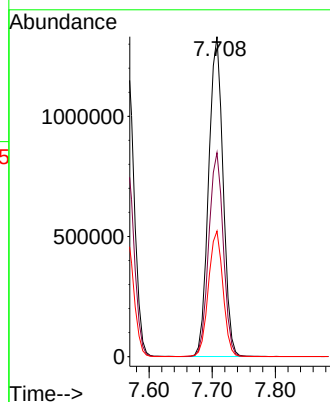
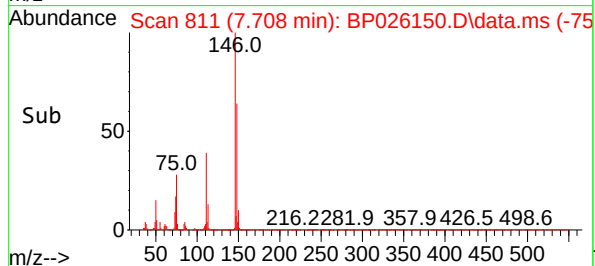
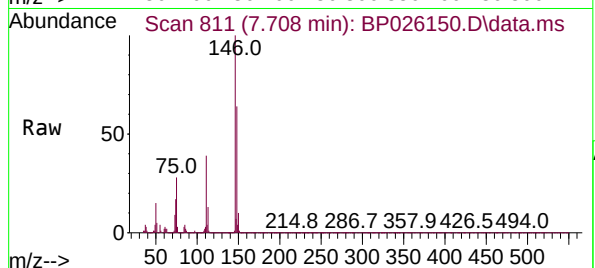
111 39.2 31.7 47.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#14

1,2-Dichlorobenzene

Concen: 79.210 ng

RT: 8.019 min Scan# 864

Delta R.T. 0.006 min

Lab File: BP026150.D

Acq: 18 Nov 2025 21:22

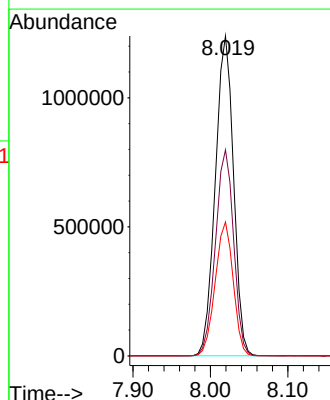
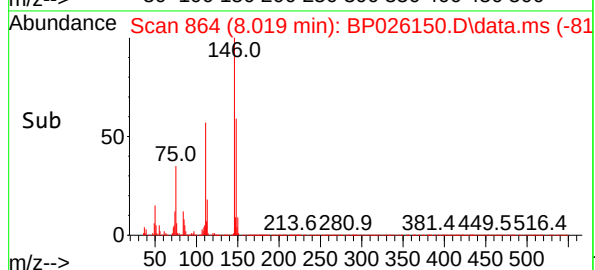
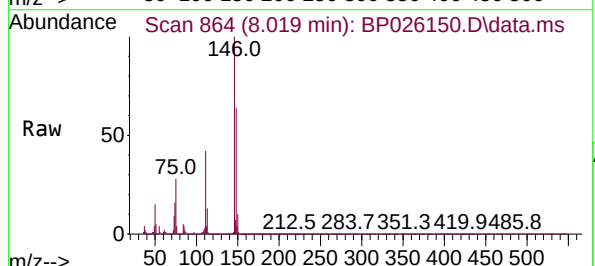
Tgt Ion:146 Resp: 2024908

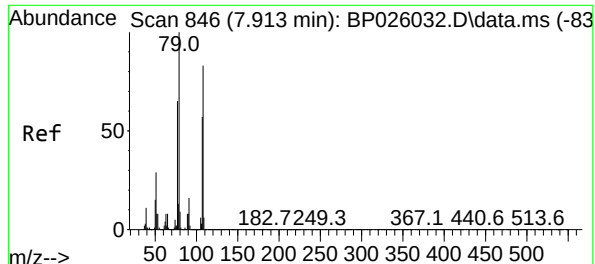
Ion Ratio Lower Upper

146 100

148 64.4 51.0 76.6

111 41.8 33.0 49.4





#15

Benzyl Alcohol

Concen: 80.734 ng

RT: 7.907 min Scan# 84

Delta R.T. 0.000 min

Lab File: BP026150.D

Acq: 18 Nov 2025 21:22

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion: 79 Resp: 162186

Ion Ratio Lower Upper

79 100

108 81.6 66.2 99.4

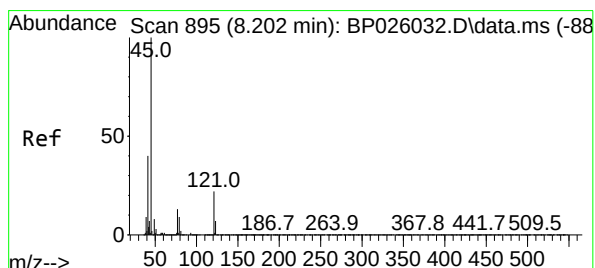
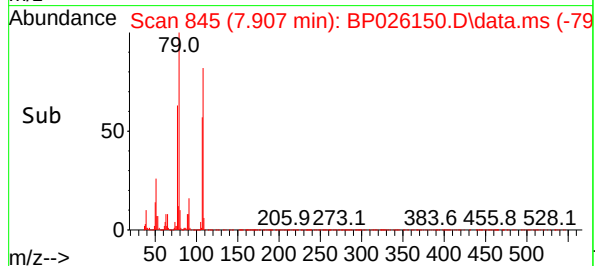
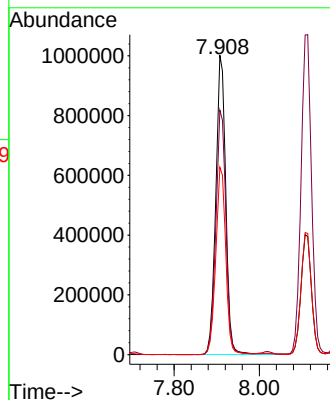
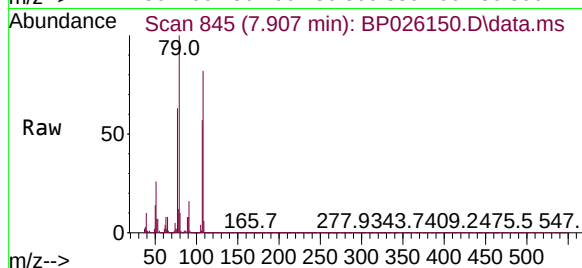
77 62.5 50.0 75.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 80.284 ng

RT: 8.196 min Scan# 894

Delta R.T. 0.000 min

Lab File: BP026150.D

Acq: 18 Nov 2025 21:22

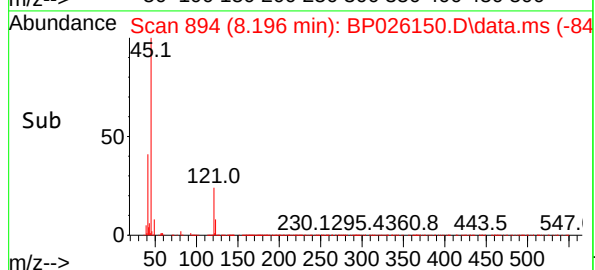
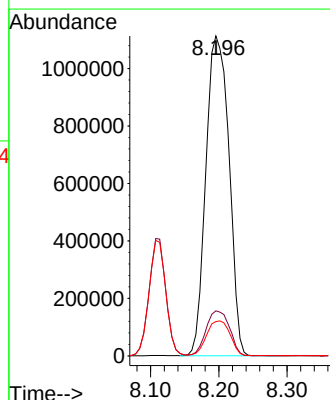
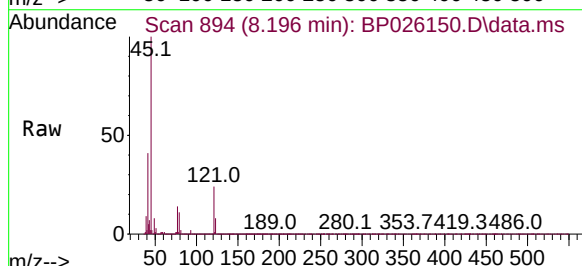
Tgt Ion: 45 Resp: 2616851

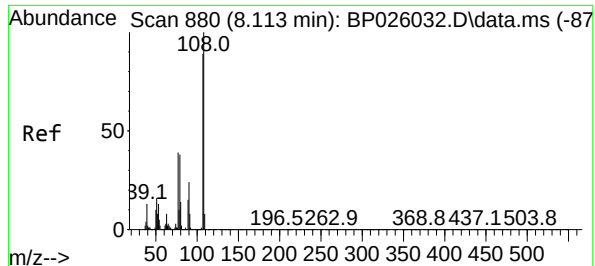
Ion Ratio Lower Upper

45 100

77 14.1 0.0 33.9

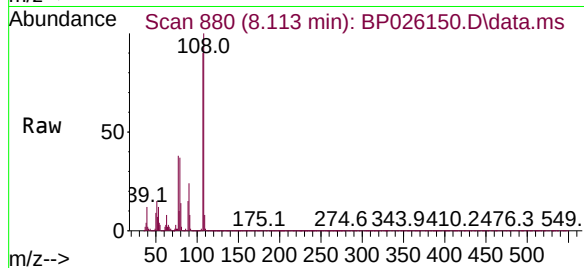
79 10.7 0.0 30.4





#17
2-Methylphenol
Concen: 81.249 ng
RT: 8.113 min Scan# 880
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

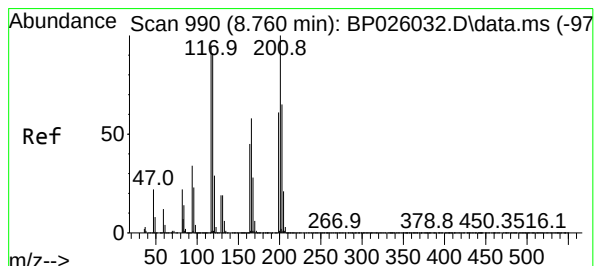
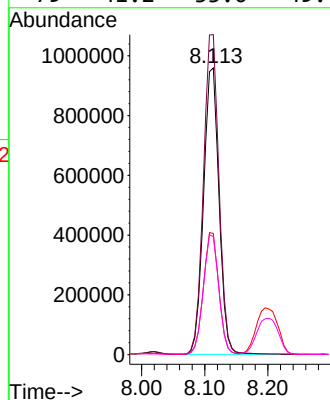
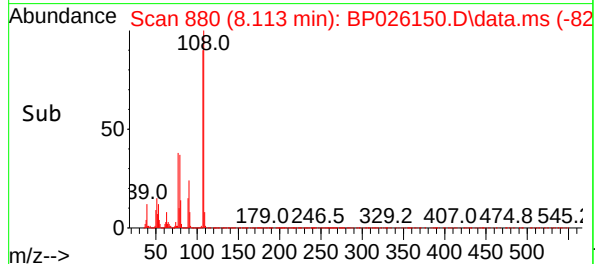
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:107 Resp: 163486
Ion Ratio Lower Upper
107 100
108 111.7 89.7 134.5
77 42.3 33.9 50.9
79 41.2 33.0 49.4

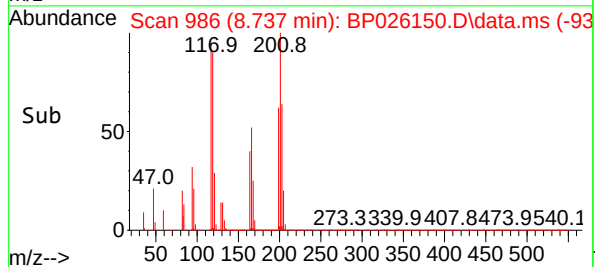
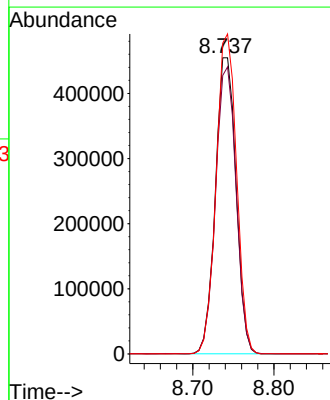
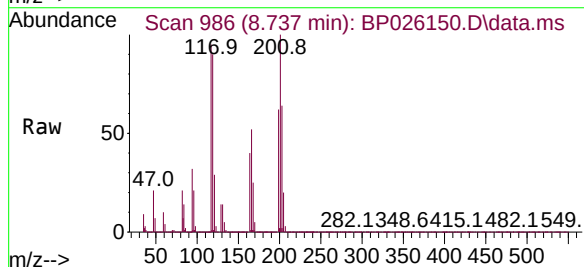
Manual Integrations
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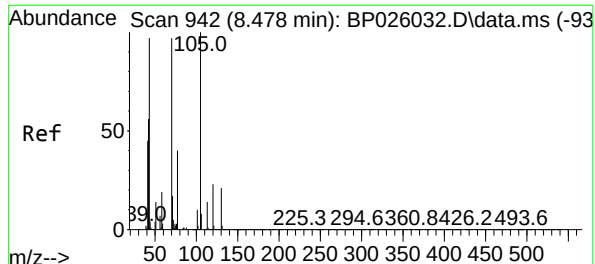
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#18
Hexachloroethane
Concen: 82.952 ng
RT: 8.737 min Scan# 986
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:117 Resp: 803419
Ion Ratio Lower Upper
117 100
119 94.0 78.7 118.1
201 105.0 85.1 127.7





#19

n-Nitroso-di-n-propylamine

Concen: 79.788 ng

RT: 8.478 min Scan# 942

Delta R.T. 0.006 min

Lab File: BP026150.D

Acq: 18 Nov 2025 21:22

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion: 70 Resp: 1364163

Ion Ratio Lower Upper

70 100

42 54.9 44.1 66.1

101 10.4 8.2 12.4

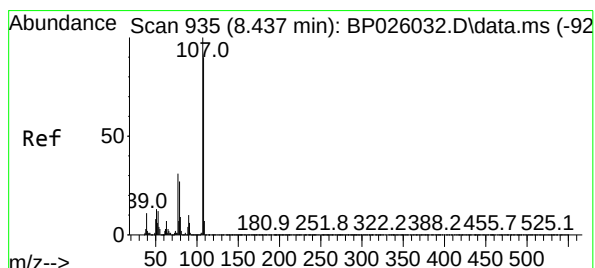
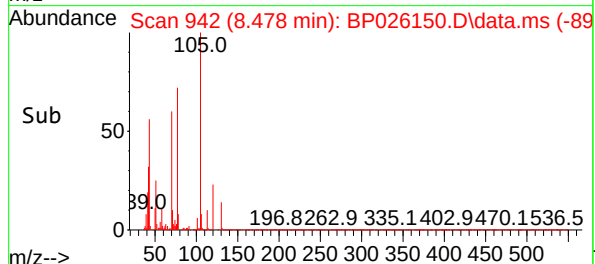
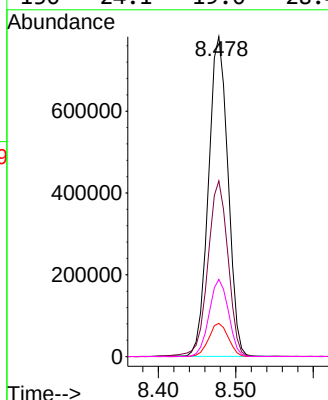
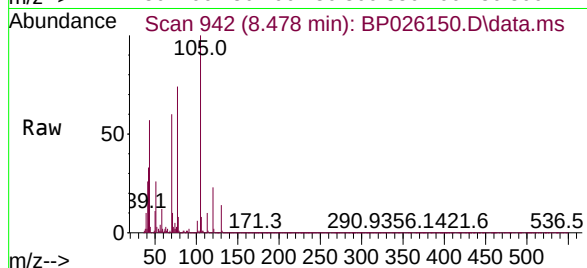
130 24.1 19.0 28.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#20

3+4-Methylphenols

Concen: 79.724 ng

RT: 8.437 min Scan# 935

Delta R.T. 0.000 min

Lab File: BP026150.D

Acq: 18 Nov 2025 21:22

Tgt Ion:107 Resp: 2230760

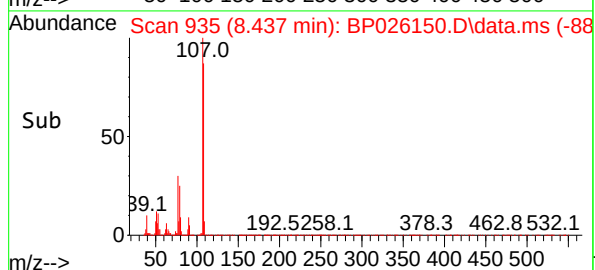
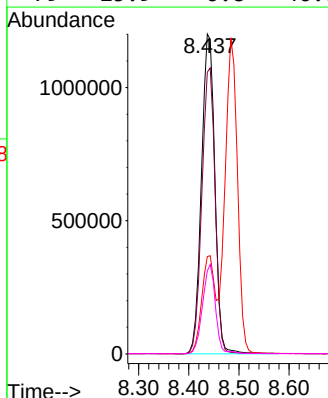
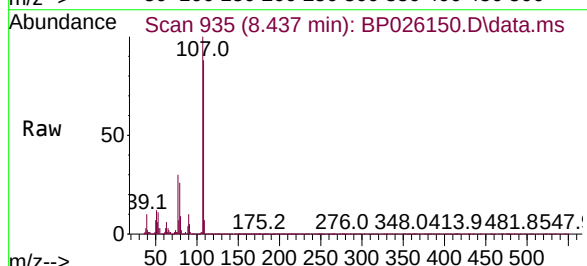
Ion Ratio Lower Upper

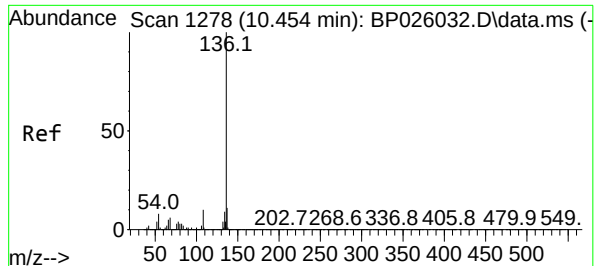
107 100

108 88.0 68.9 108.9

77 30.4 10.4 50.4

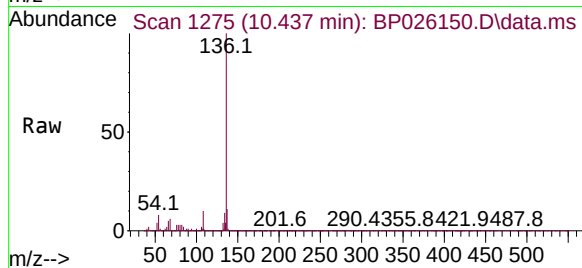
79 25.9 6.8 46.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.437 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

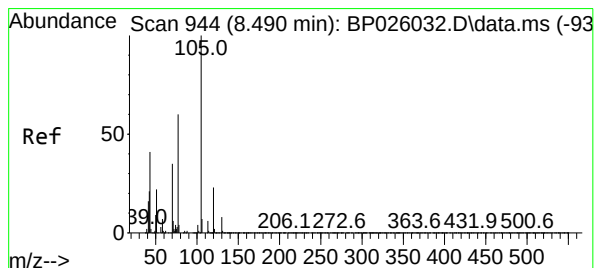
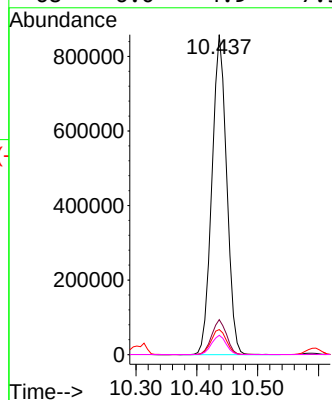
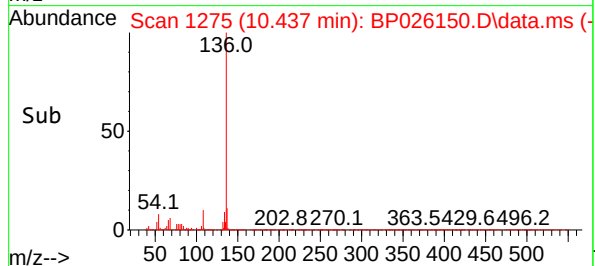
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:136 Resp: 1443668
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 7.8 6.4 9.6
68 6.0 4.9 7.3

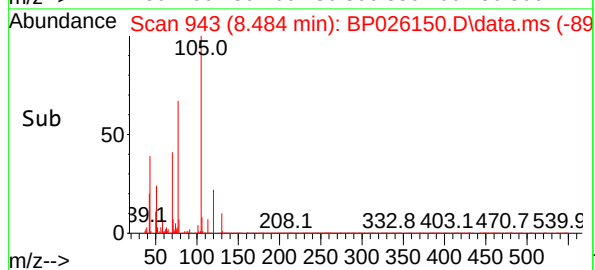
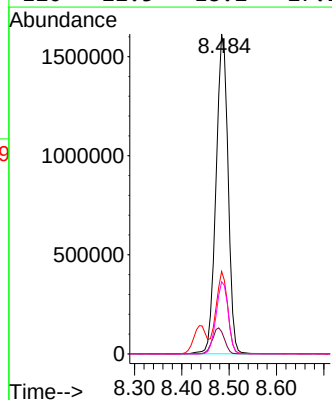
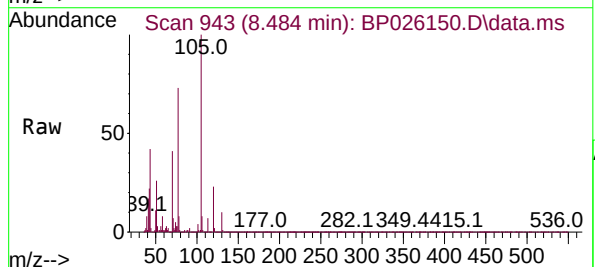
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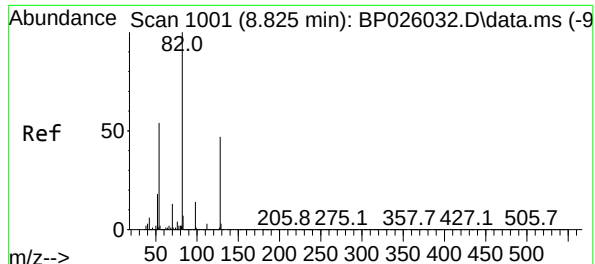
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#22
Acetophenone
Concen: 77.453 ng
RT: 8.484 min Scan# 943
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:105 Resp: 2844696
Ion Ratio Lower Upper
105 100
71 7.0 3.0 4.4#
51 25.8 20.5 30.7
120 22.5 18.2 27.2





#23

Nitrobenzene-d5

Concen: 158.440 ng

RT: 8.819 min Scan# 1000

Delta R.T. 0.006 min

Lab File: BP026150.D

Acq: 18 Nov 2025 21:22

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion: 82 Resp: 403325

Ion Ratio Lower Upper

82 100

128 48.5 37.4 56.0

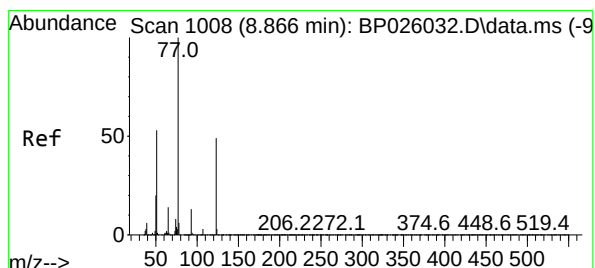
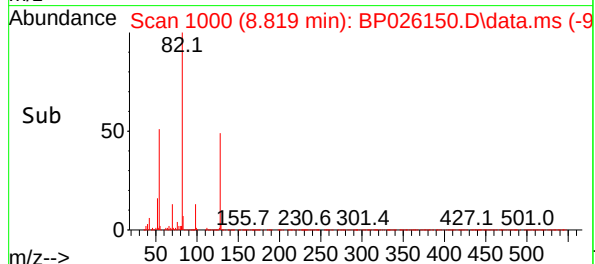
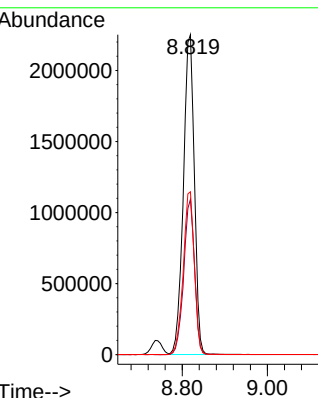
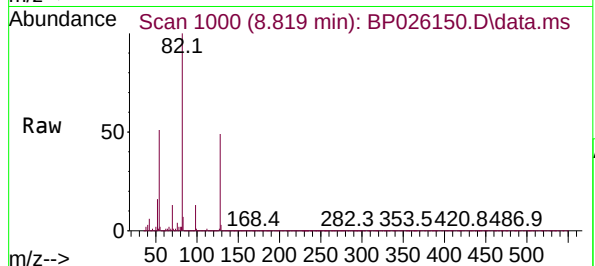
54 50.9 41.6 62.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#24

Nitrobenzene

Concen: 79.321 ng

RT: 8.855 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BP026150.D

Acq: 18 Nov 2025 21:22

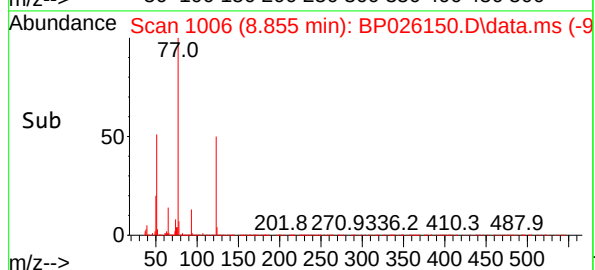
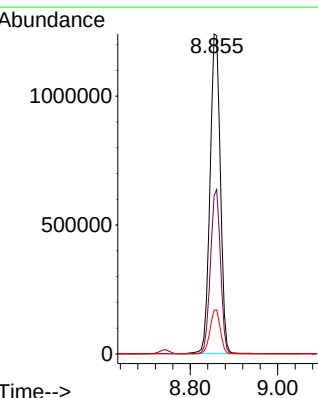
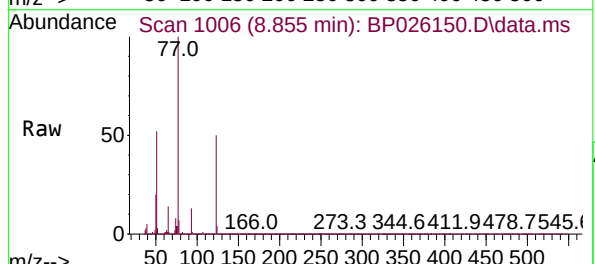
Tgt Ion: 77 Resp: 2043562

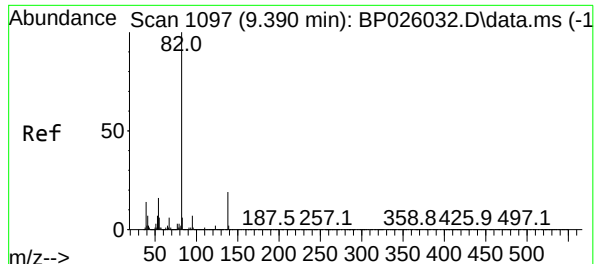
Ion Ratio Lower Upper

77 100

123 49.5 39.8 59.8

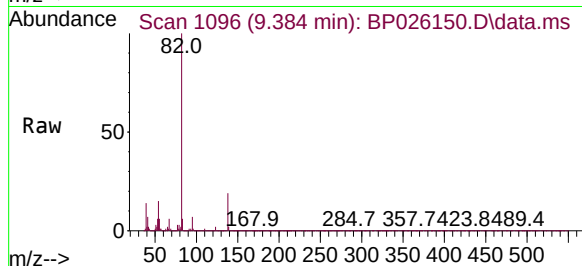
65 13.6 11.2 16.8





#25
Isophorone
Concen: 79.581 ng
RT: 9.384 min Scan# 1096
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

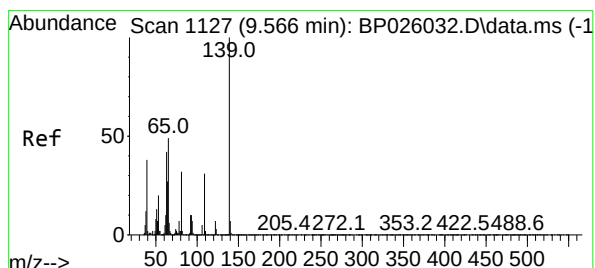
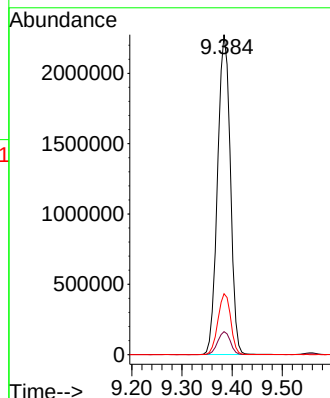
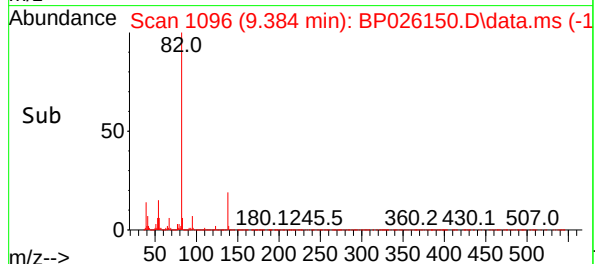
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 82 Resp: 4022278
Ion Ratio Lower Upper
82 100
95 7.2 5.4 8.0
138 19.0 15.4 23.0

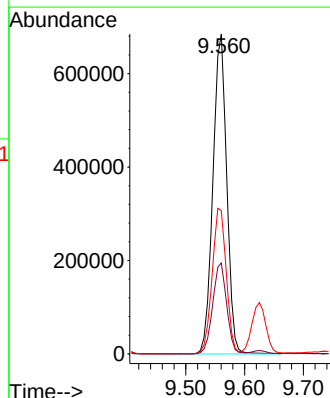
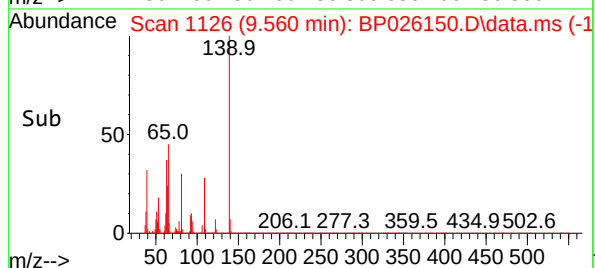
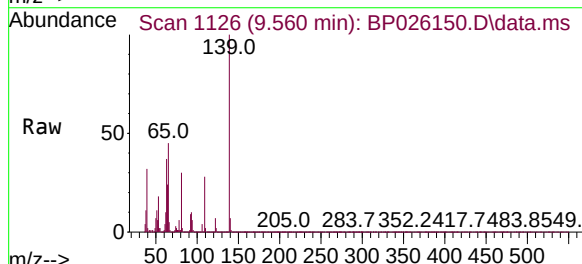
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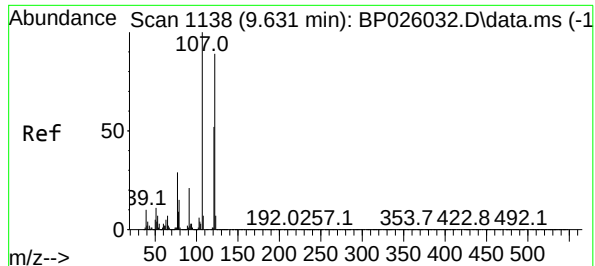
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#26
2-Nitrophenol
Concen: 85.938 ng
RT: 9.560 min Scan# 1126
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

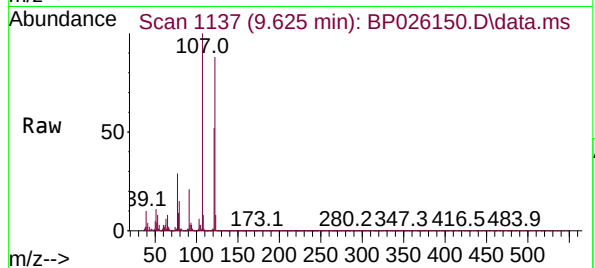
Tgt Ion:139 Resp: 1116252
Ion Ratio Lower Upper
139 100
109 28.4 22.3 33.5
65 44.8 37.2 55.8





#27
2,4-Dimethylphenol
Concen: 79.196 ng
RT: 9.625 min Scan# 1137
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

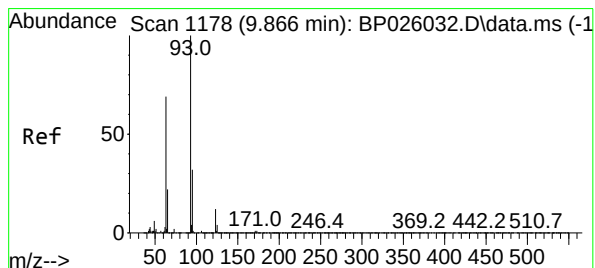
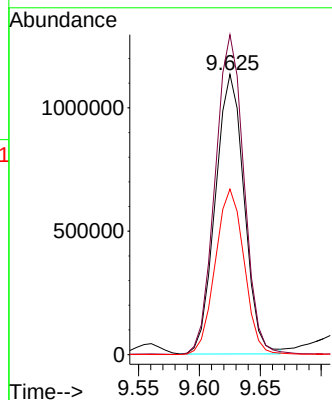
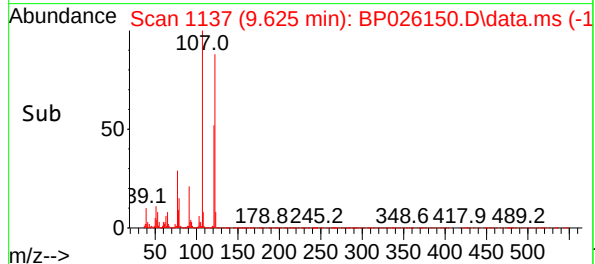
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:122 Resp: 1863595
Ion Ratio Lower Upper
122 100
107 114.2 91.0 136.6
121 59.1 47.0 70.6

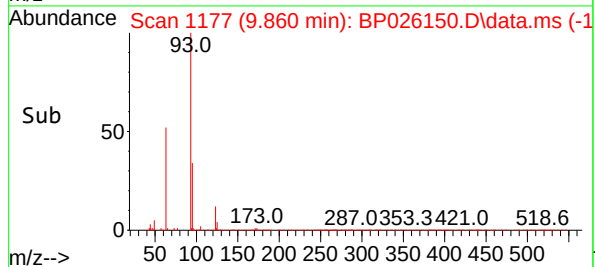
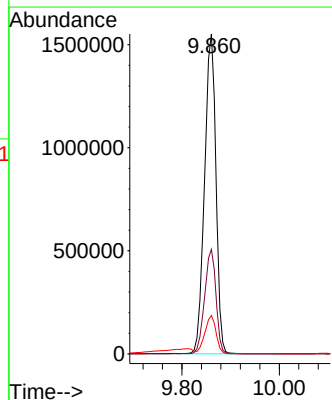
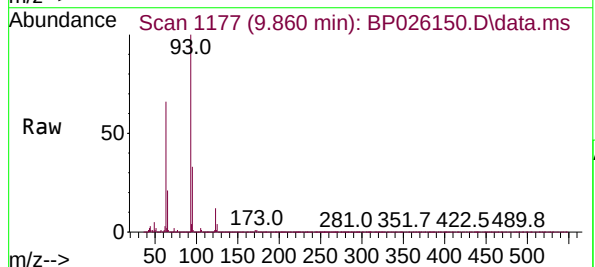
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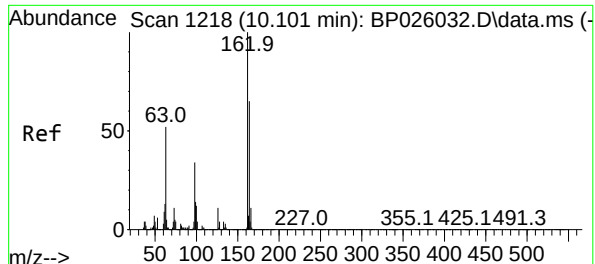
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#28
bis(2-Chloroethoxy)methane
Concen: 79.503 ng
RT: 9.860 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion: 93 Resp: 2515997
Ion Ratio Lower Upper
93 100
95 32.7 26.4 39.6
123 12.0 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 80.853 ng

RT: 10.090 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BP026150.D

Acq: 18 Nov 2025 21:22

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:162 Resp: 1895607

Ion Ratio Lower Upper

162 100

164 65.3 43.8 83.8

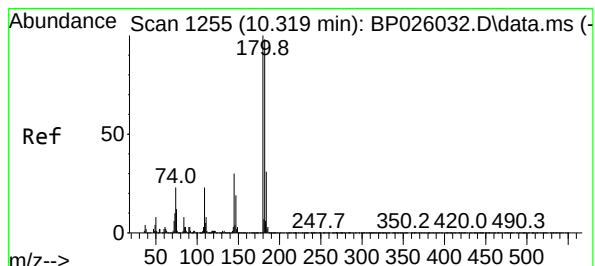
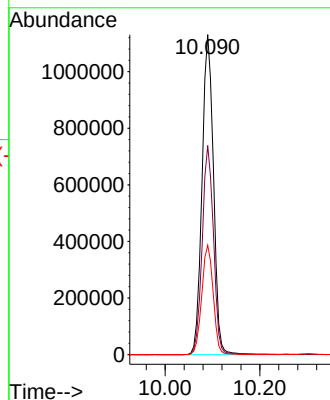
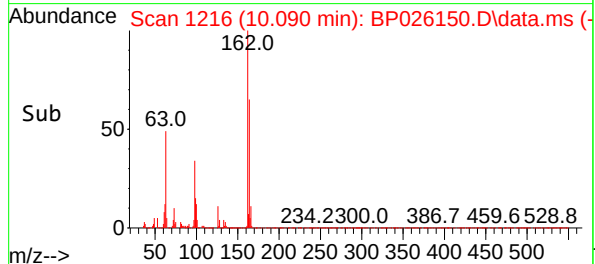
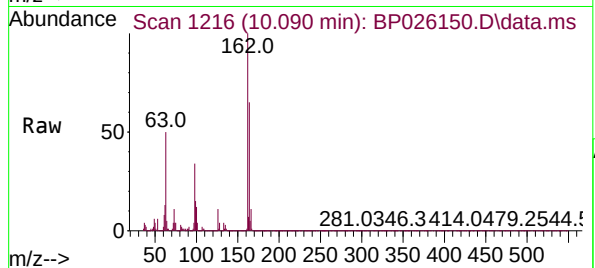
98 34.2 14.1 54.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#30

1,2,4-Trichlorobenzene

Concen: 79.315 ng

RT: 10.302 min Scan# 1252

Delta R.T. -0.006 min

Lab File: BP026150.D

Acq: 18 Nov 2025 21:22

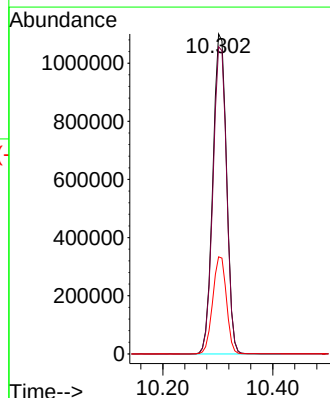
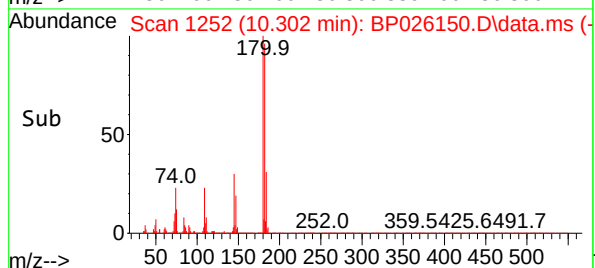
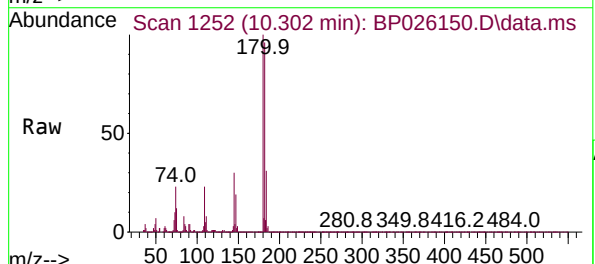
Tgt Ion:180 Resp: 1895013

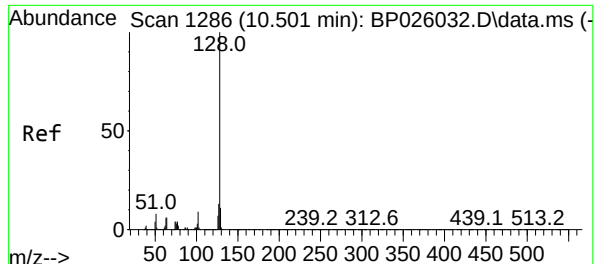
Ion Ratio Lower Upper

180 100

182 96.0 78.1 117.1

145 30.3 24.2 36.4





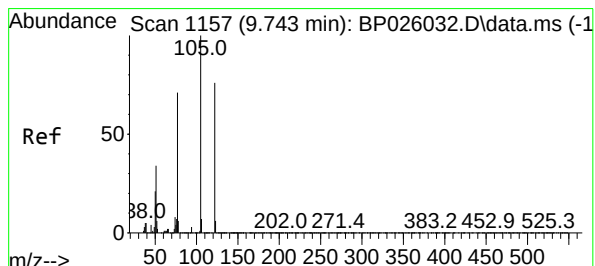
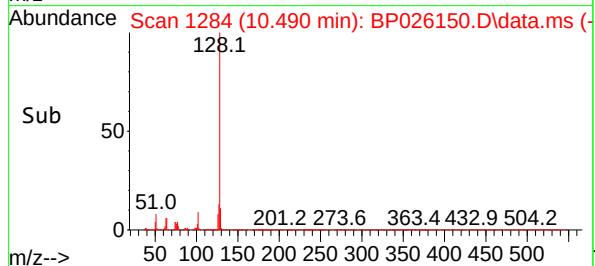
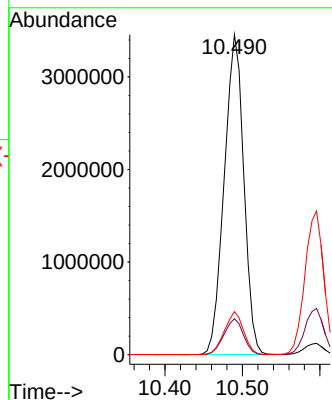
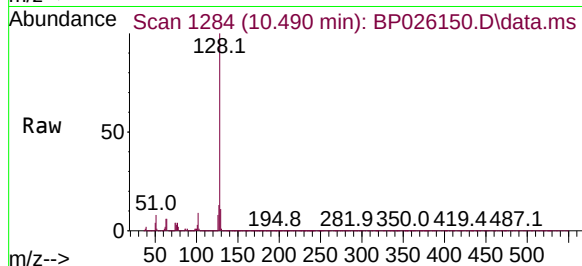
#31
Naphthalene
Concen: 77.497 ng
RT: 10.490 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:128 Resp: 6074938
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.4 10.2 15.4

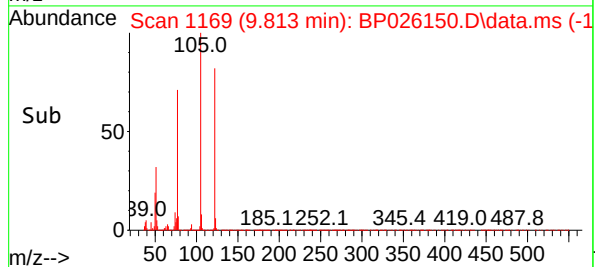
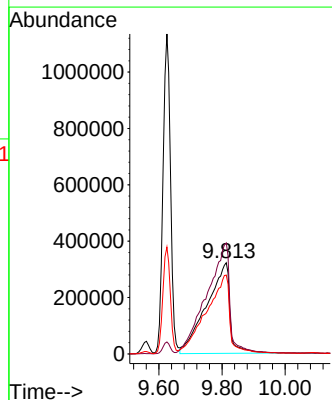
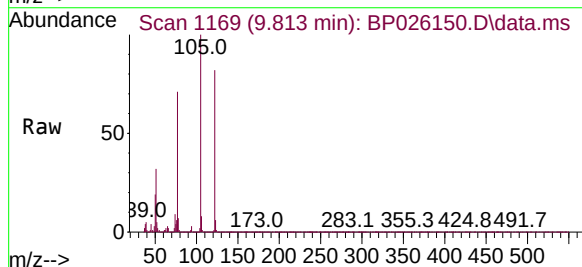
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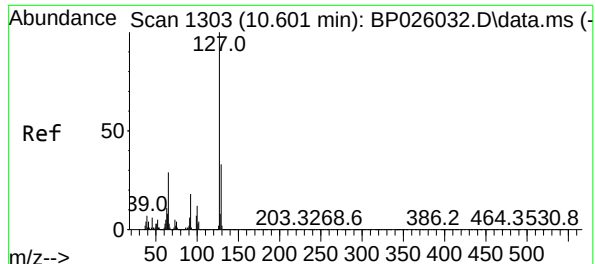
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#32
Benzoic acid
Concen: 86.975 ng
RT: 9.813 min Scan# 1169
Delta R.T. 0.047 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

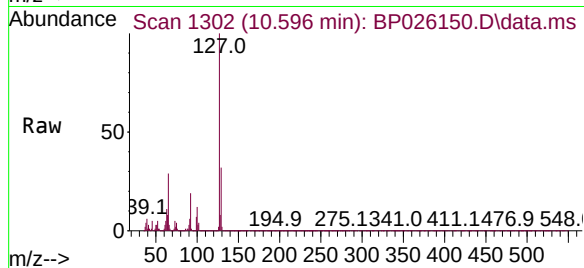
Tgt Ion:122 Resp: 1646676
Ion Ratio Lower Upper
122 100
105 121.8 100.1 140.1
77 86.5 66.7 106.7





#33
4-Chloroaniline
Concen: 79.361 ng
RT: 10.596 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

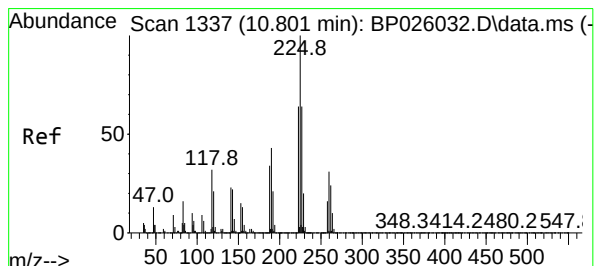
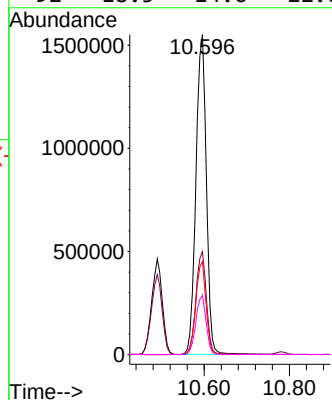
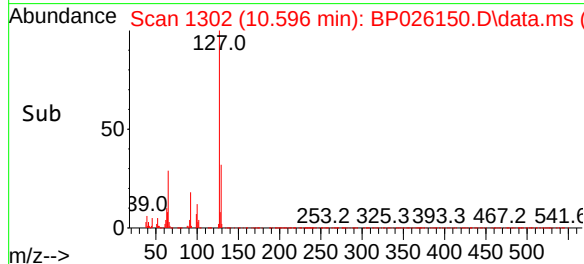
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



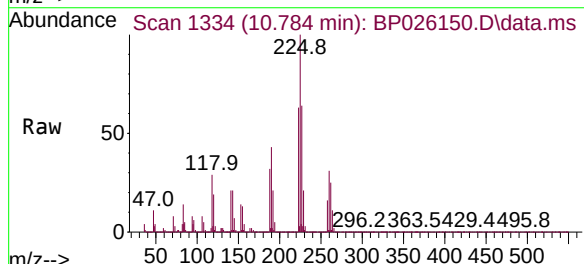
Tgt Ion:127 Resp: 2640734
Ion Ratio Lower Upper
127 100
129 32.2 25.8 38.8
65 29.0 22.7 34.1
92 18.5 14.6 22.0

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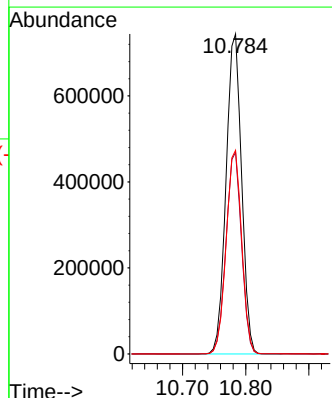
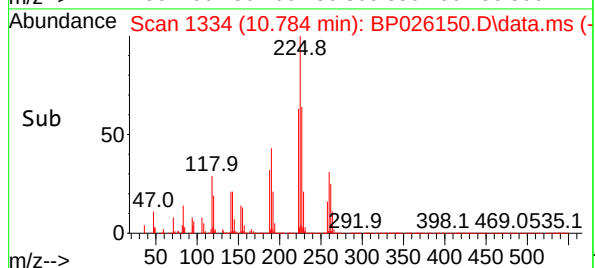
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

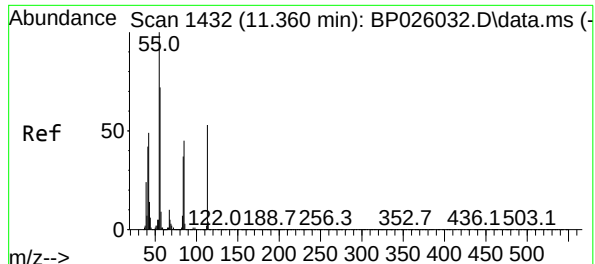


#34
Hexachlorobutadiene
Concen: 81.448 ng
RT: 10.784 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22



Tgt Ion:225 Resp: 1266129
Ion Ratio Lower Upper
225 100
223 63.0 49.6 74.4
227 63.6 51.2 76.8





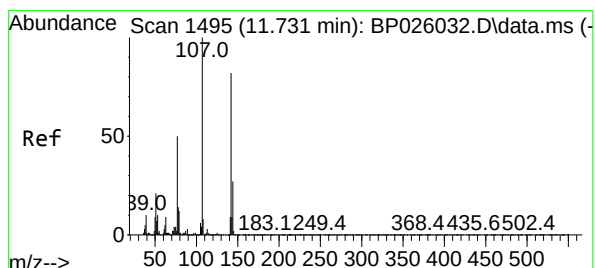
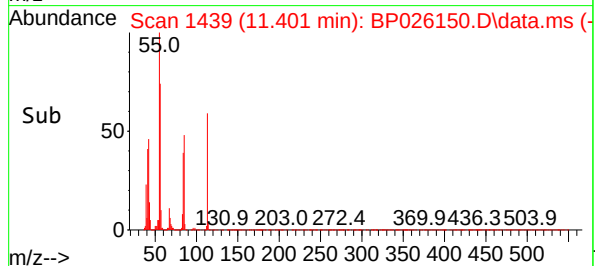
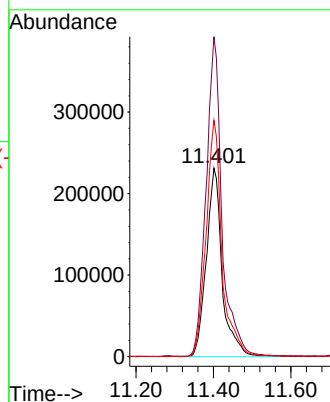
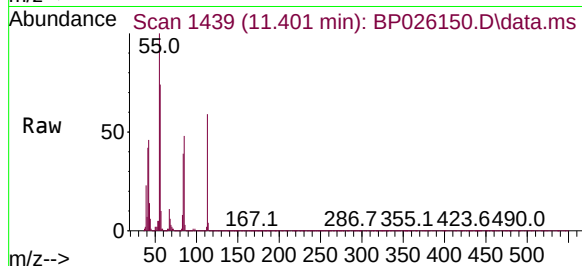
#35
Caprolactam
Concen: 77.424 ng
RT: 11.401 min Scan# 1432
Delta R.T. 0.024 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:113 Resp: 653660
Ion Ratio Lower Upper
113 100
55 169.9 153.0 193.0
56 125.4 106.4 146.4

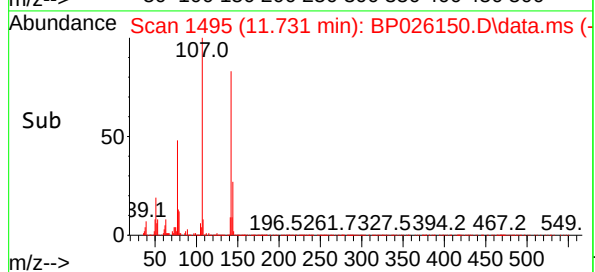
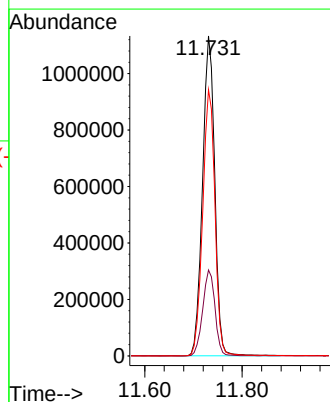
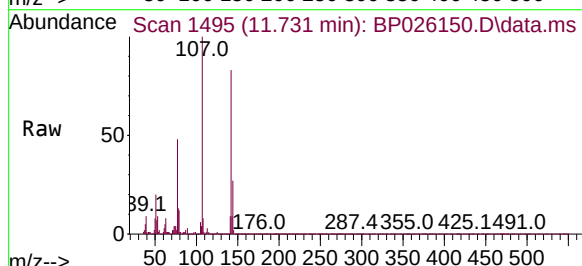
Manual Integrations
APPROVED

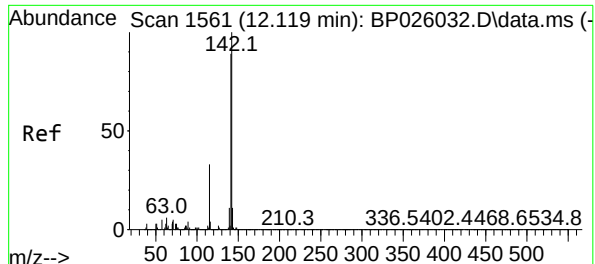
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#36
4-Chloro-3-methylphenol
Concen: 79.070 ng
RT: 11.731 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

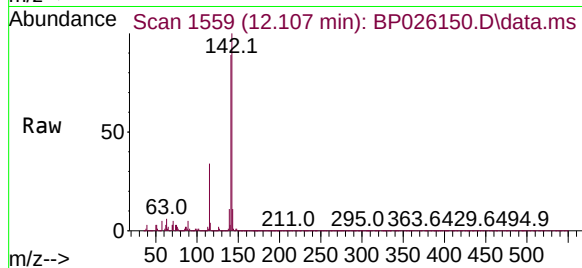
Tgt Ion:107 Resp: 1972354
Ion Ratio Lower Upper
107 100
144 26.8 21.6 32.4
142 83.2 65.6 98.4





#37
2-Methylnaphthalene
Concen: 77.446 ng
RT: 12.107 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

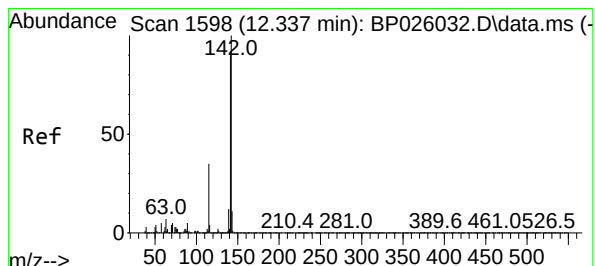
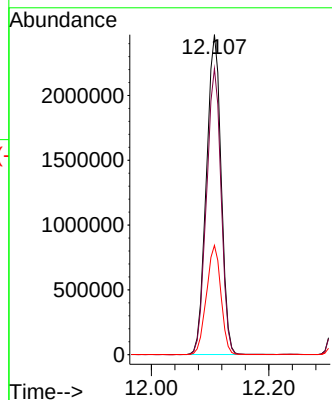
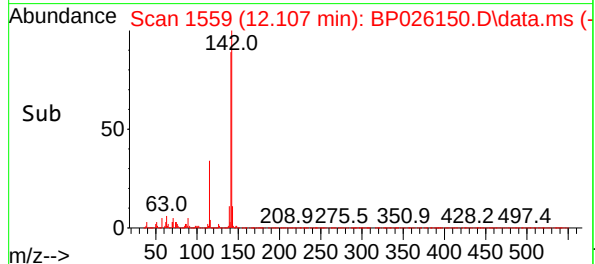
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:142 Resp: 4297114
Ion Ratio Lower Upper
142 100
141 89.4 71.0 106.6
115 34.1 26.6 39.8

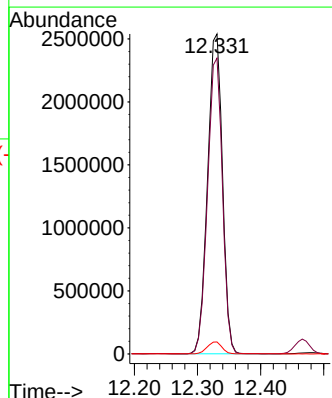
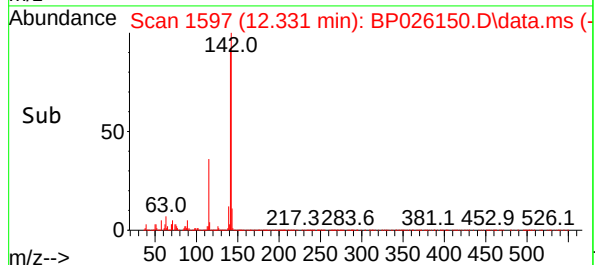
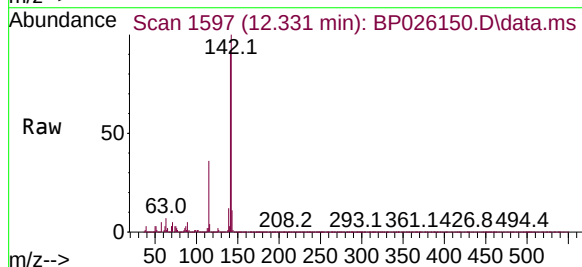
Manual Integrations
APPROVED

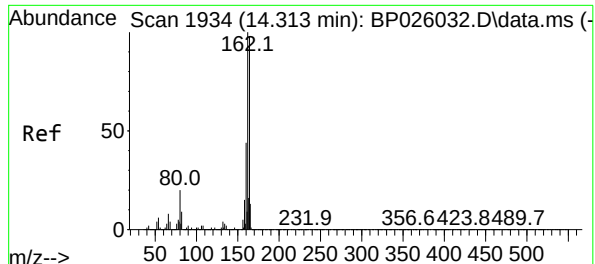
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#38
1-Methylnaphthalene
Concen: 76.467 ng
RT: 12.331 min Scan# 1597
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:142 Resp: 4151377
Ion Ratio Lower Upper
142 100
141 92.4 73.5 110.3
116 3.7 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.319 min Scan# 1934

Delta R.T. -0.006 min

Lab File: BP026150.D

Acq: 18 Nov 2025 21:22

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:164 Resp: 916253

Ion Ratio Lower Upper

164 100

162 101.5 80.3 120.5

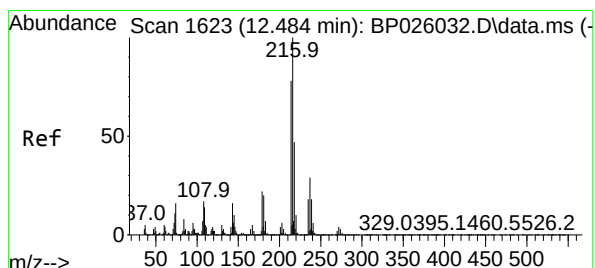
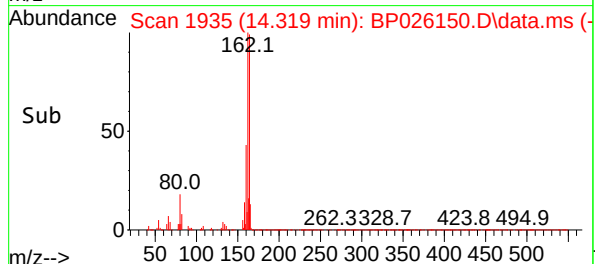
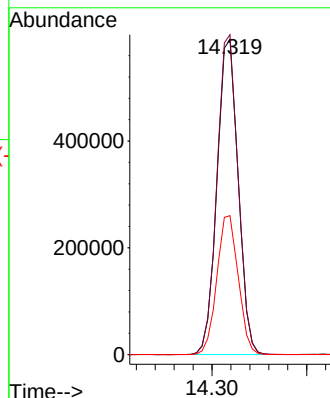
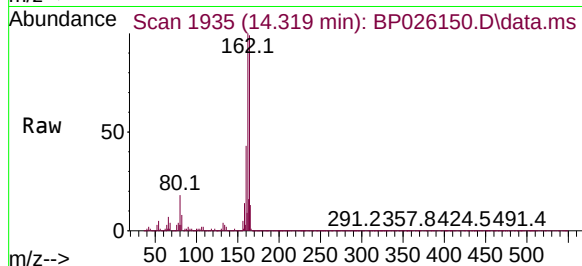
160 44.1 35.2 52.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 79.984 ng

RT: 12.484 min Scan# 1623

Delta R.T. -0.006 min

Lab File: BP026150.D

Acq: 18 Nov 2025 21:22

Tgt Ion:216 Resp: 2208451

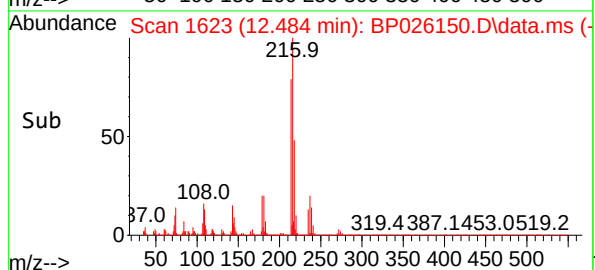
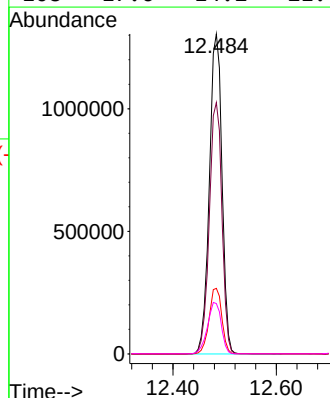
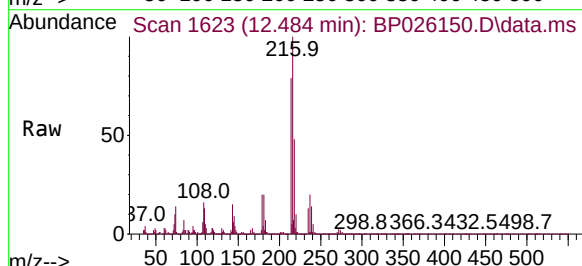
Ion Ratio Lower Upper

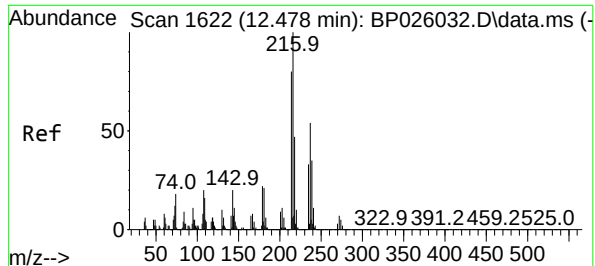
216 100

214 78.7 62.6 94.0

179 20.7 16.6 25.0

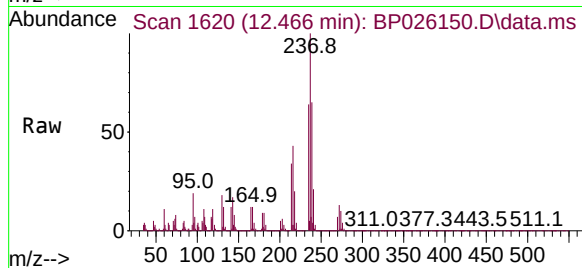
108 17.6 14.2 21.4





#41
Hexachlorocyclopentadiene
Concen: 88.626 ng
RT: 12.466 min Scan# 1620
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

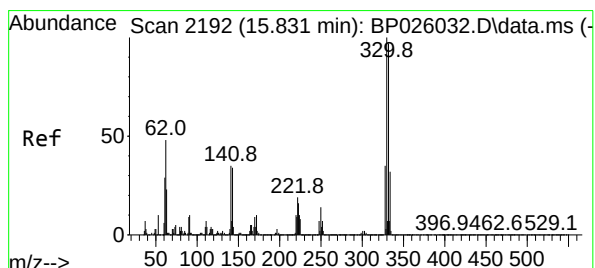
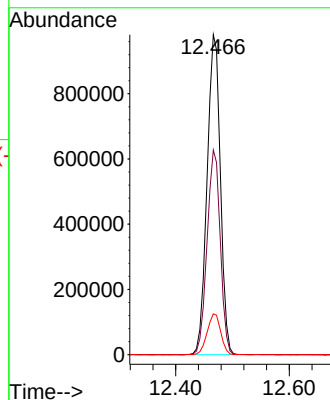
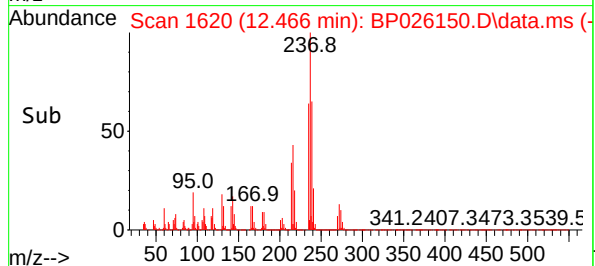
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 237 Resp: 1597193
Ion Ratio Lower Upper
237 100
235 63.9 43.3 83.3
272 12.7 0.0 32.9

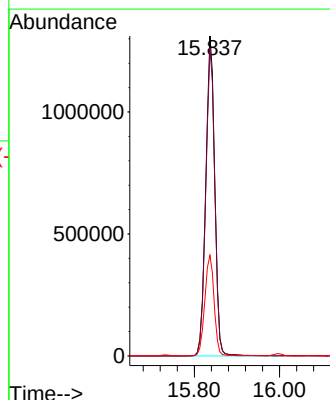
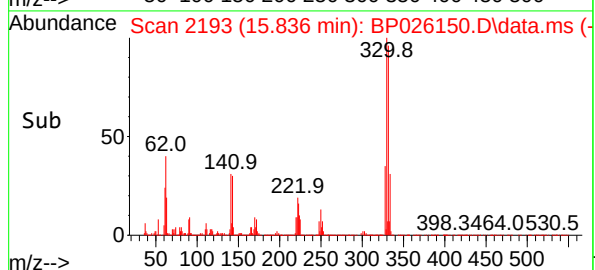
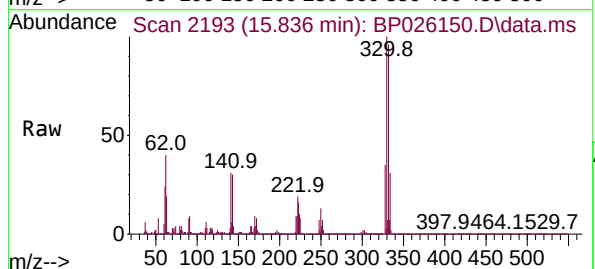
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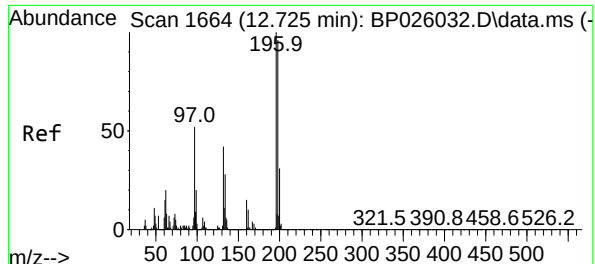
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#42
2,4,6-Tribromophenol
Concen: 161.460 ng
RT: 15.836 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion: 330 Resp: 1917042
Ion Ratio Lower Upper
330 100
332 96.7 78.0 117.0
141 32.5 26.8 40.2





#43

2,4,6-Trichlorophenol

Concen: 81.106 ng

RT: 12.719 min Scan# 1663

Delta R.T. -0.006 min

Lab File: BP026150.D

Acq: 18 Nov 2025 21:22

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:196 Resp: 1541092

Ion Ratio Lower Upper

196 100

198 95.6 76.9 115.3

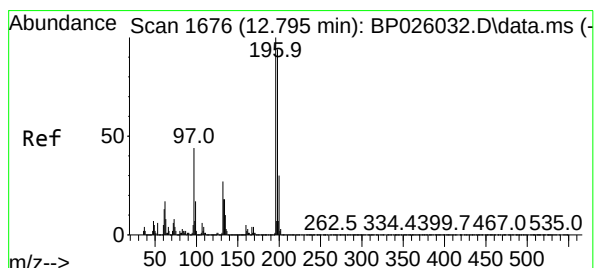
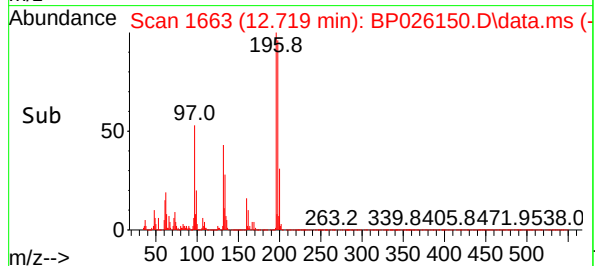
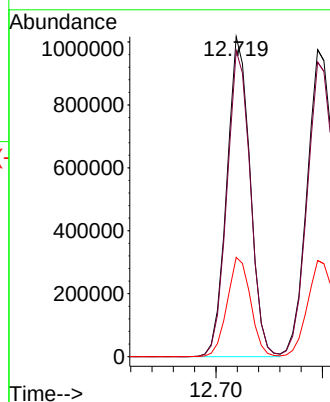
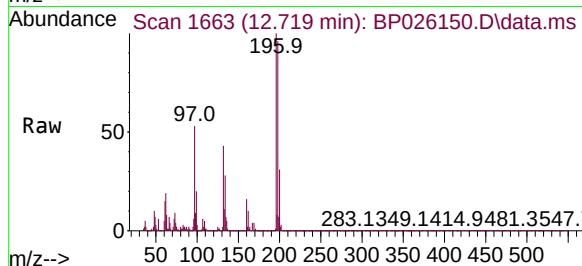
200 31.0 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#44

2,4,5-Trichlorophenol

Concen: 80.887 ng

RT: 12.795 min Scan# 1676

Delta R.T. -0.006 min

Lab File: BP026150.D

Acq: 18 Nov 2025 21:22

Tgt Ion:196 Resp: 1713807

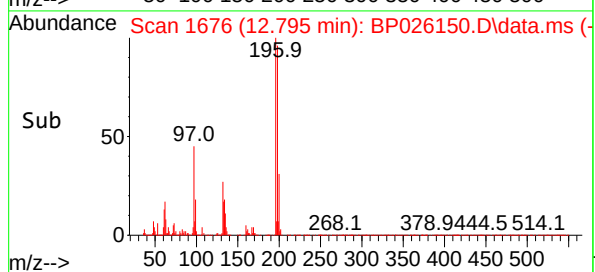
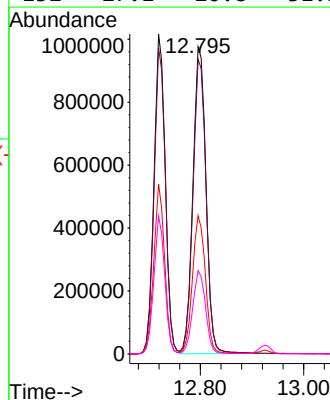
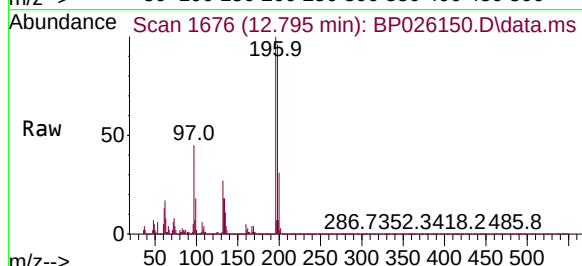
Ion Ratio Lower Upper

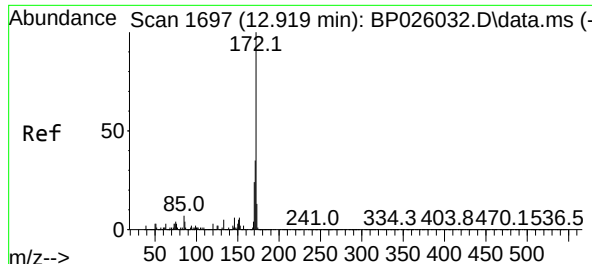
196 100

198 95.9 76.4 114.6

97 45.0 35.7 53.5

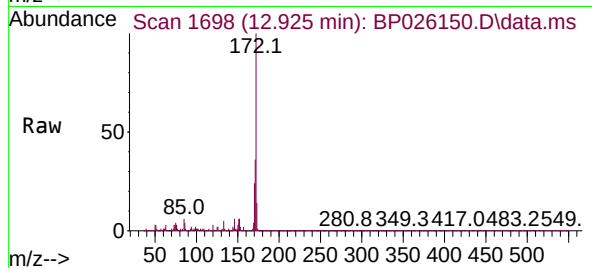
132 27.1 20.8 31.2





#45
2-Fluorobiphenyl
Concen: 145.791 ng
RT: 12.925 min Scan# 1698
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

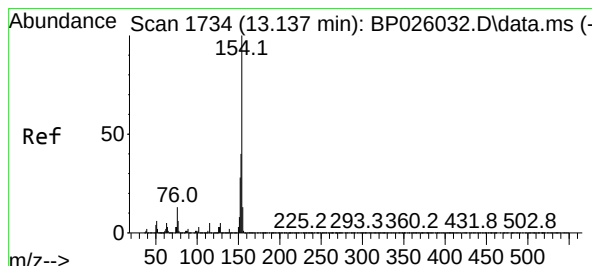
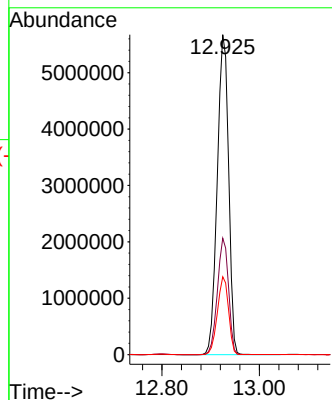
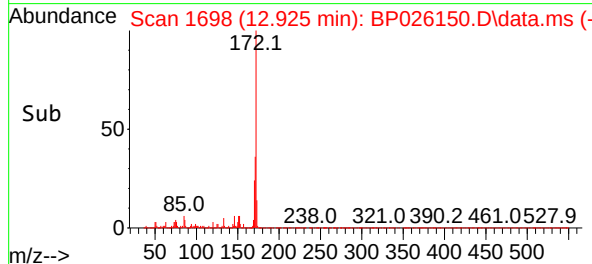
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:172 Resp: 9156268
Ion Ratio Lower Upper
172 100
171 36.4 28.2 42.4
170 24.3 18.7 28.1

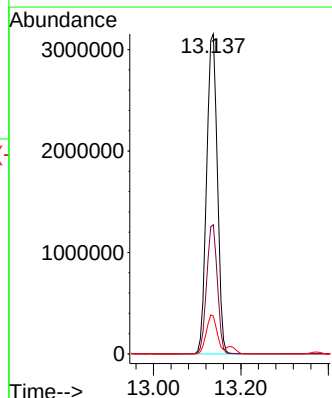
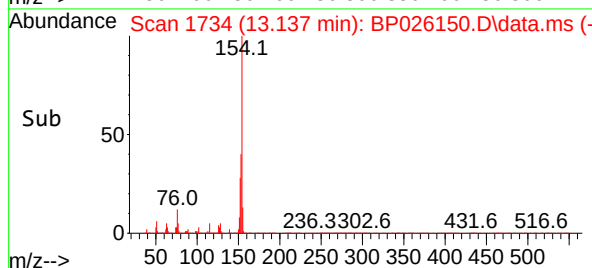
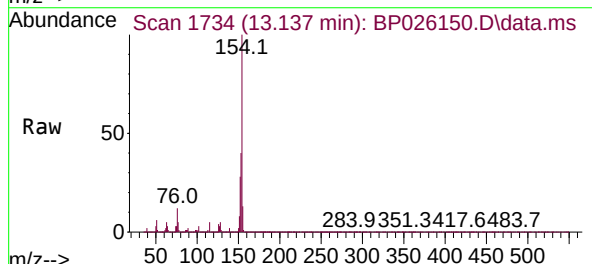
Manual Integrations
APPROVED

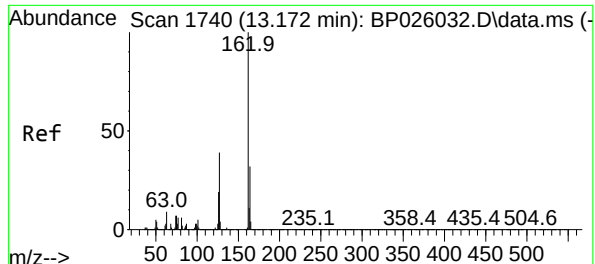
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#46
1,1'-Biphenyl
Concen: 77.807 ng
RT: 13.137 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

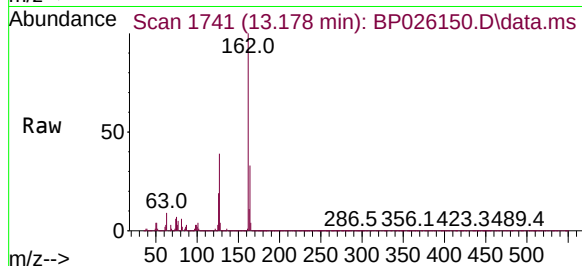
Tgt Ion:154 Resp: 5350939
Ion Ratio Lower Upper
154 100
153 40.4 20.3 60.3
76 11.8 0.0 32.3





#47
2-Chloronaphthalene
Concen: 78.776 ng
RT: 13.178 min Scan# 1740
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

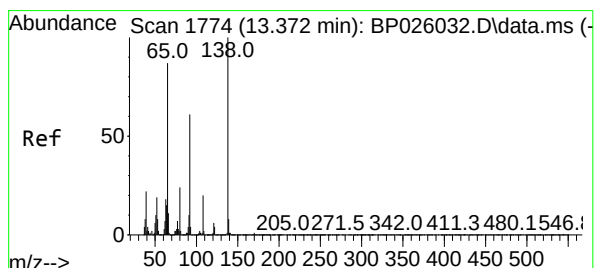
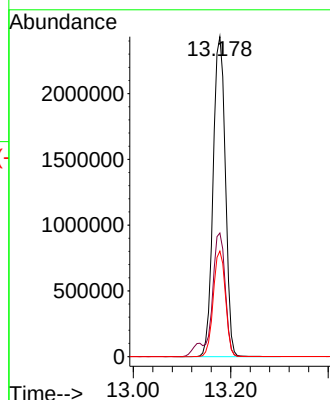
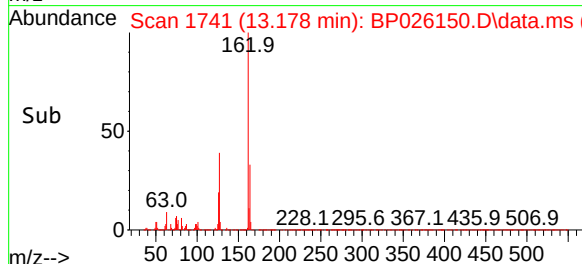
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



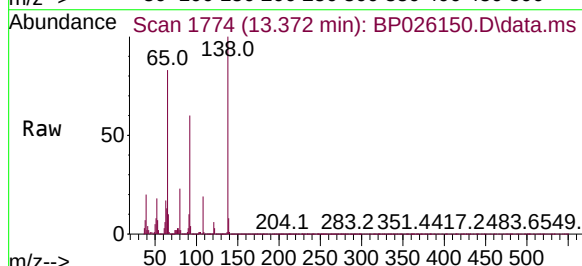
Tgt Ion:162 Resp: 425927
Ion Ratio Lower Upper
162 100
127 38.6 30.9 46.3
164 33.0 26.4 39.6

Manual Integrations
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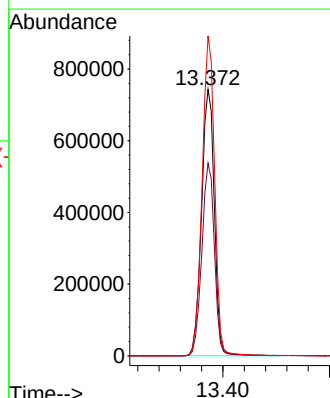
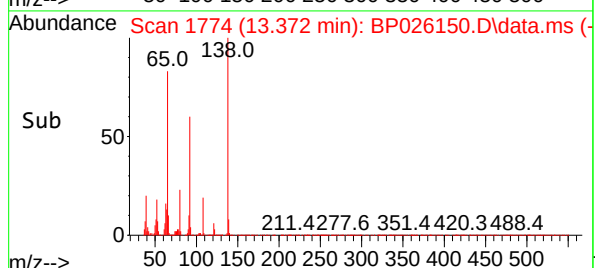
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

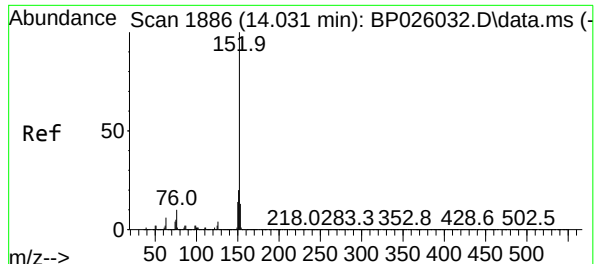


#48
2-Nitroaniline
Concen: 82.186 ng
RT: 13.372 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22



Tgt Ion: 65 Resp: 1240952
Ion Ratio Lower Upper
65 100
92 72.3 59.1 88.7
138 120.1 96.6 145.0





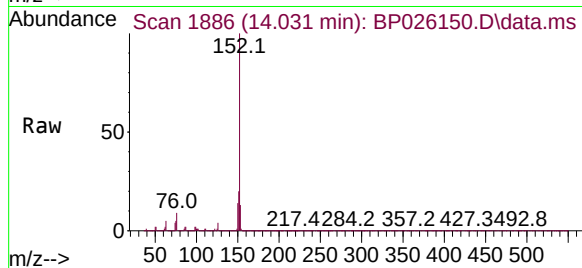
#49
Acenaphthylene
Concen: 78.077 ng
RT: 14.031 min Scan# 1886
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

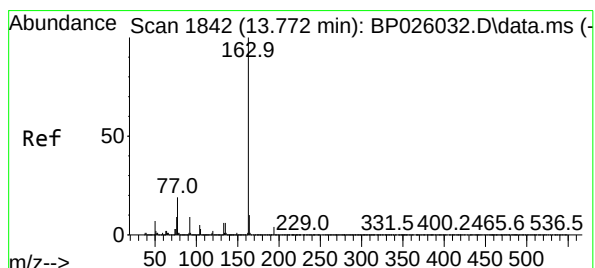
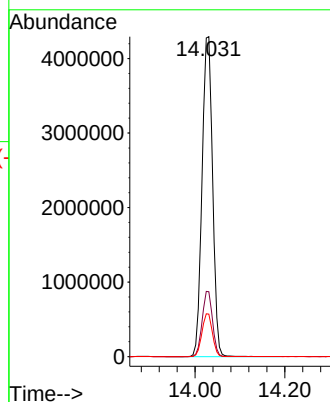
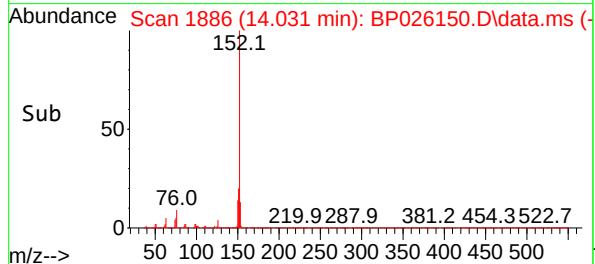


Tgt Ion:152 Resp: 6984601
Ion Ratio Lower Upper
152 100
151 20.3 15.8 23.8
153 13.3 10.6 16.0

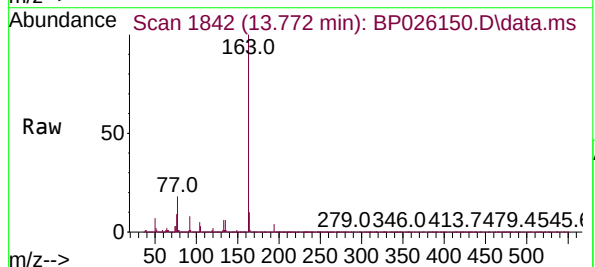
Manual Integrations

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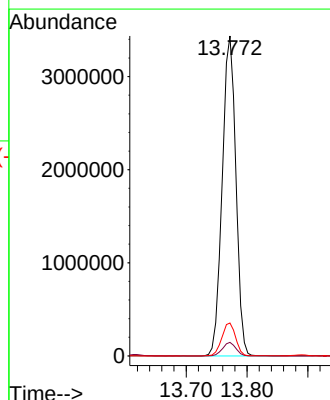
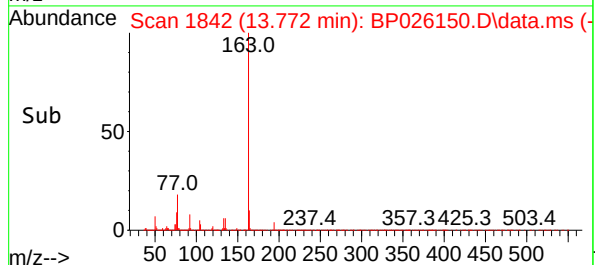
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

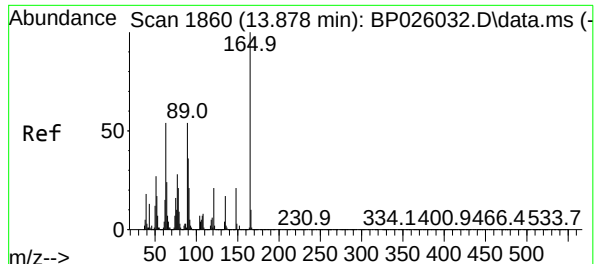


#50
Dimethylphthalate
Concen: 78.482 ng
RT: 13.772 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22



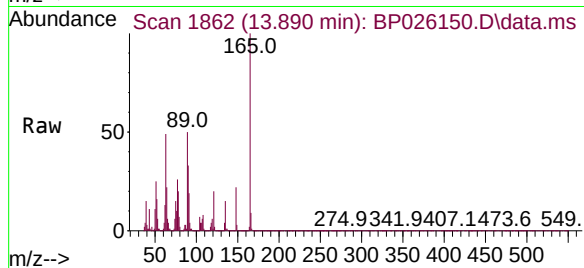
Tgt Ion:163 Resp: 5358389
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.3 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 86.521 ng
RT: 13.890 min Scan# 1860
Delta R.T. 0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

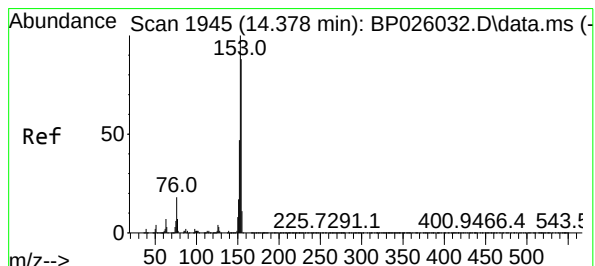
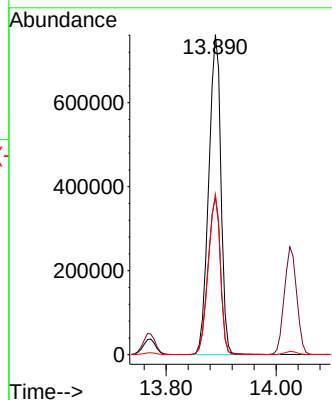
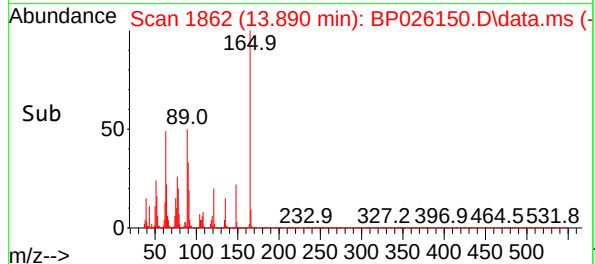
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:165 Resp: 1168229
Ion Ratio Lower Upper
165 100
63 49.2 40.5 60.7
89 50.1 41.3 61.9

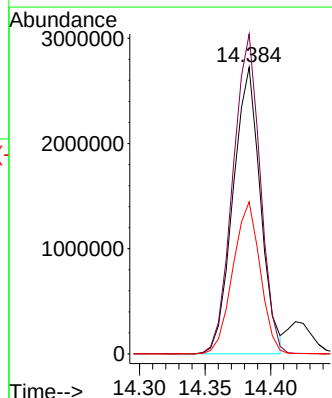
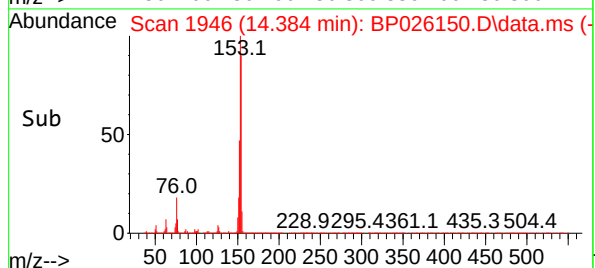
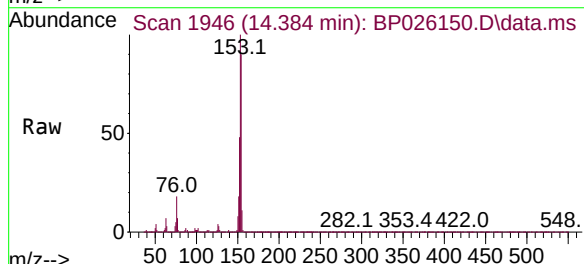
Manual Integrations
APPROVED

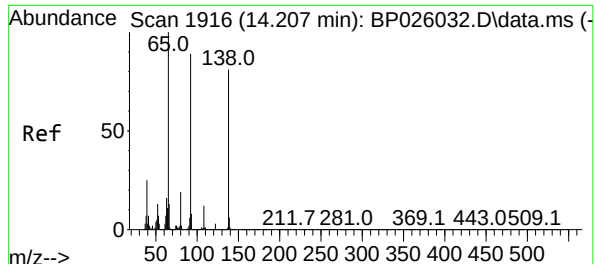
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#52
Acenaphthene
Concen: 75.720 ng
RT: 14.384 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

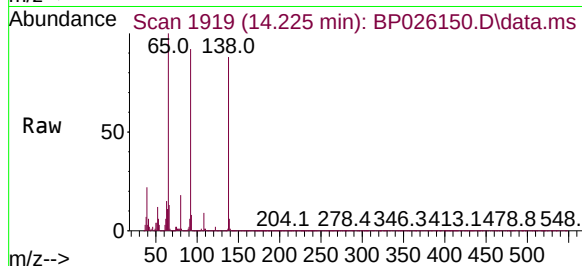
Tgt Ion:154 Resp: 3961645
Ion Ratio Lower Upper
154 100
153 111.6 90.7 136.1
152 53.1 42.8 64.2





#53
3-Nitroaniline
Concen: 83.269 ng
RT: 14.225 min Scan# 1919
Delta R.T. 0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

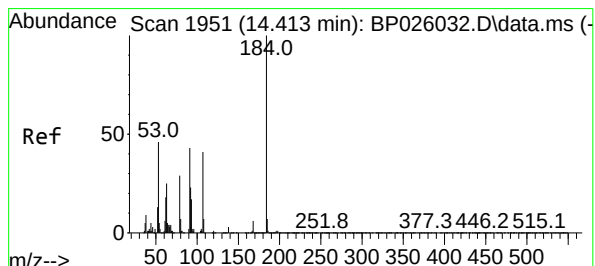
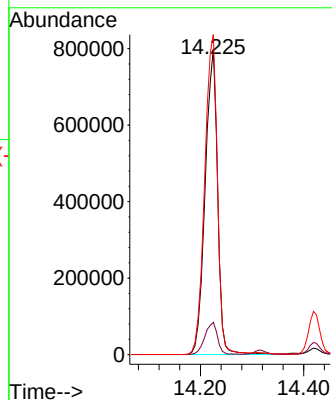
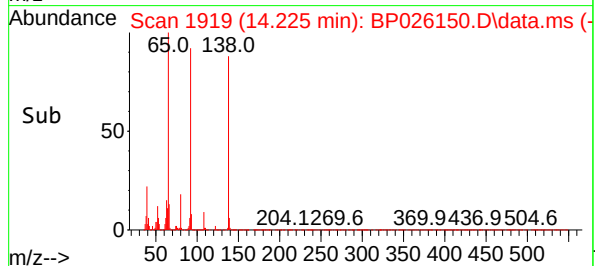
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:138 Resp: 1328194
Ion Ratio Lower Upper
138 100
108 10.6 8.9 13.3
92 104.8 86.3 129.5

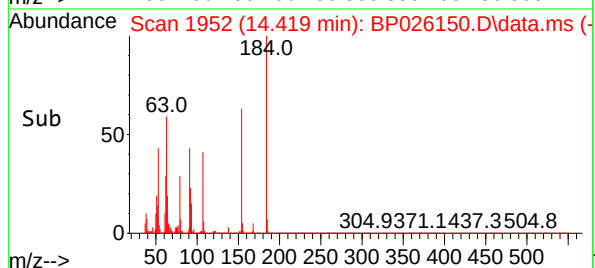
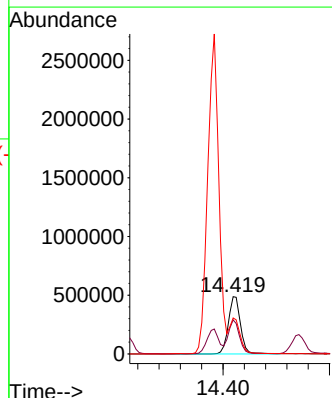
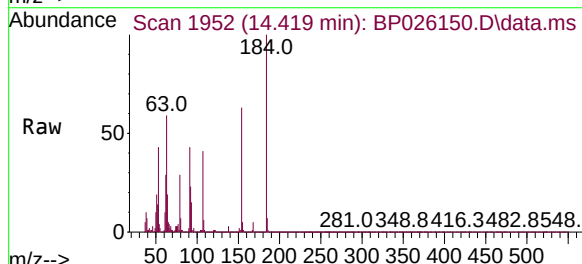
Manual Integrations
APPROVED

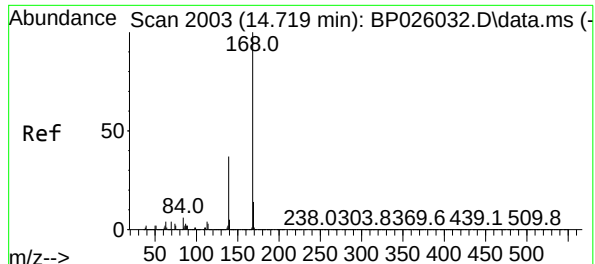
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#54
2,4-Dinitrophenol
Concen: 94.087 ng
RT: 14.419 min Scan# 1952
Delta R.T. -0.012 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

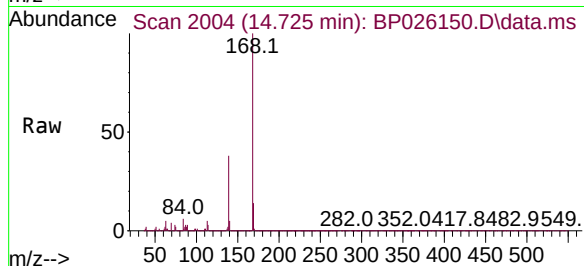
Tgt Ion:184 Resp: 762088
Ion Ratio Lower Upper
184 100
63 59.3 43.1 64.7
154 62.7 49.5 74.3





#55
Dibenzenofuran
Concen: 74.160 ng
RT: 14.725 min Scan# 20
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

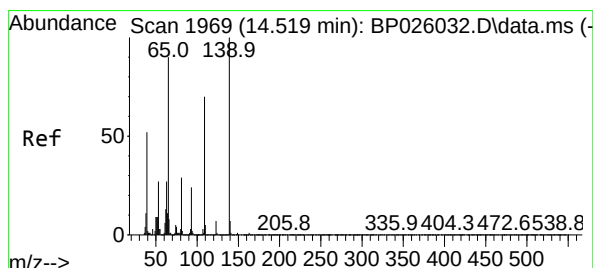
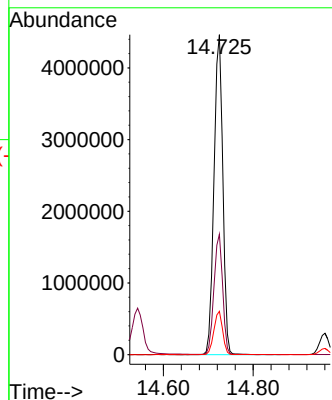
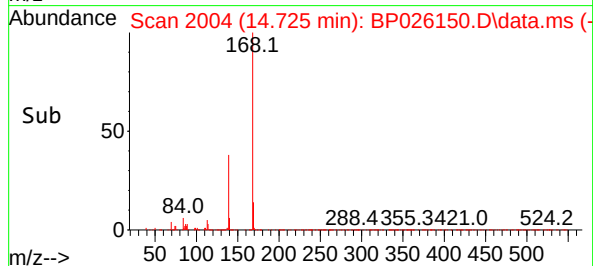
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



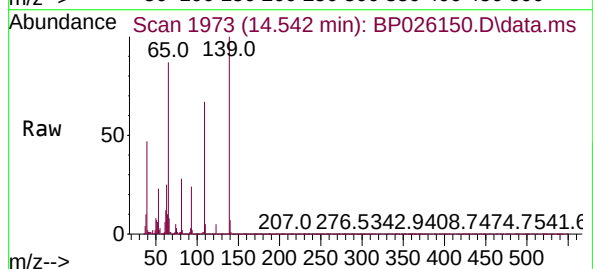
Tgt Ion:168 Resp: 6063394
Ion Ratio Lower Upper
168 100
139 37.6 29.8 44.6
169 13.6 10.9 16.3

Manual Integrations
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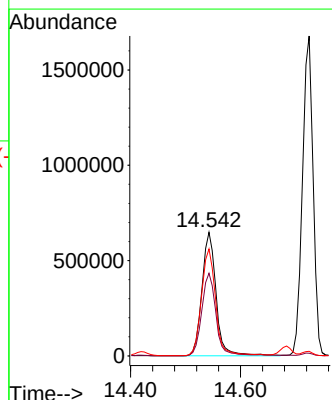
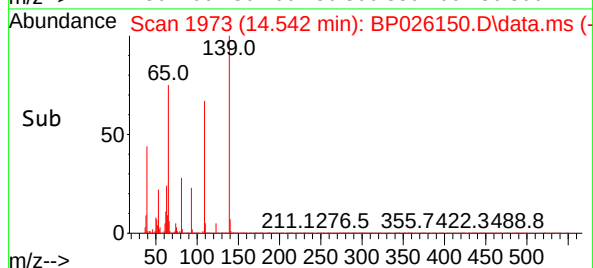
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

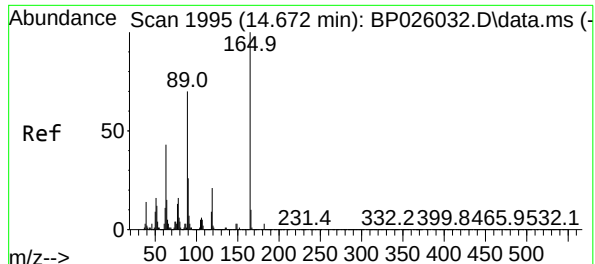


#56
4-Nitrophenol
Concen: 80.163 ng
RT: 14.542 min Scan# 1973
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22



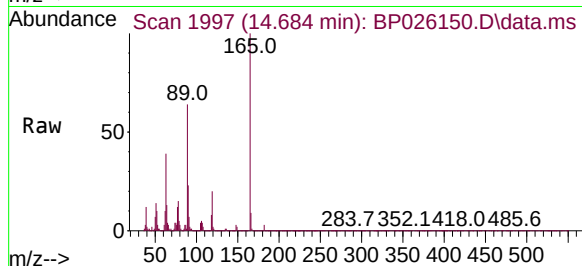
Tgt Ion:139 Resp: 1160755
Ion Ratio Lower Upper
139 100
109 66.8 46.8 86.8
65 86.6 69.3 109.3





#57
2,4-Dinitrotoluene
Concen: 82.824 ng
RT: 14.684 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

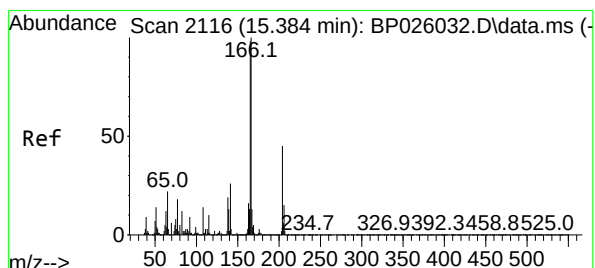
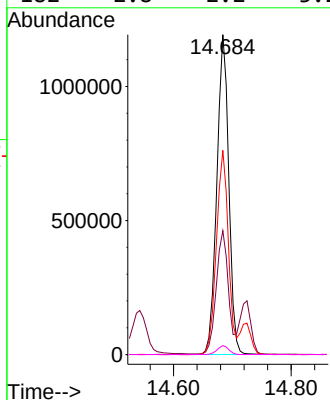
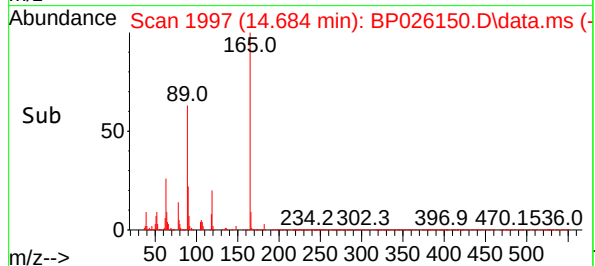
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:165 Resp: 1681172
Ion Ratio Lower Upper
165 100
63 38.7 31.0 46.6
89 63.8 51.7 77.5
182 2.8 2.2 3.2

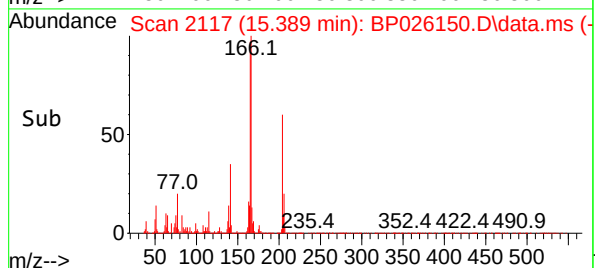
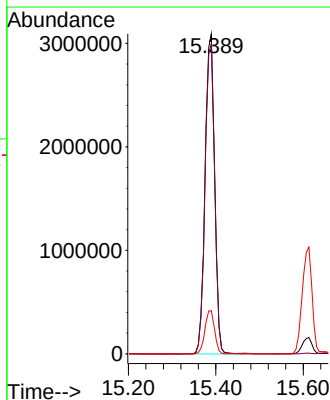
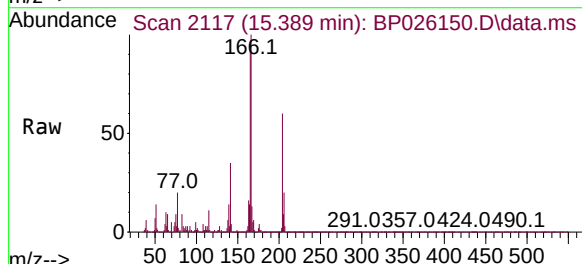
Manual Integrations
APPROVED

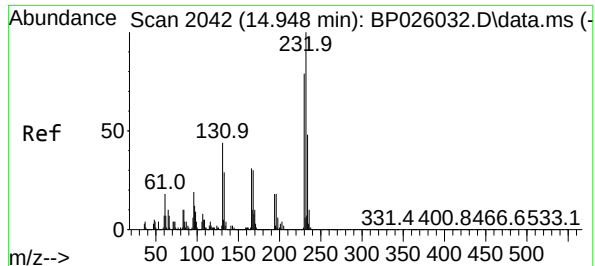
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#58
Fluorene
Concen: 71.825 ng
RT: 15.389 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

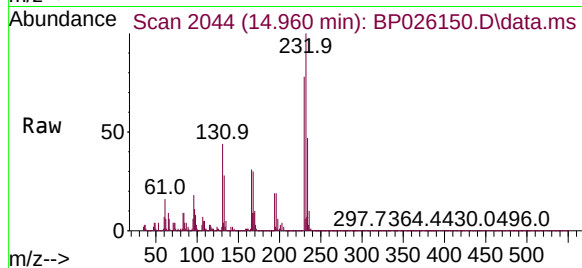
Tgt Ion:166 Resp: 4642250
Ion Ratio Lower Upper
166 100
165 97.0 77.9 116.9
167 13.5 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 80.377 ng
RT: 14.960 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

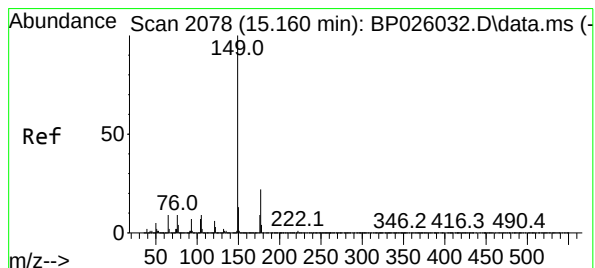
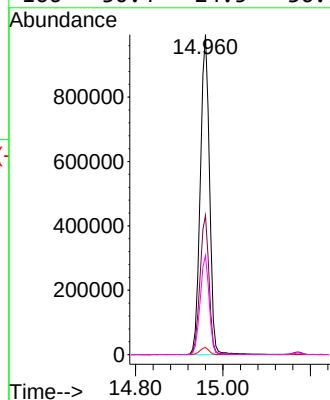
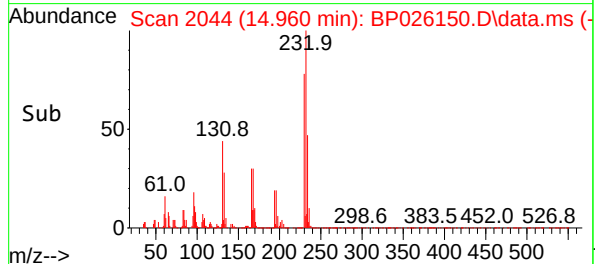
Instrument :
BNA_P
Client Sample Id :
SSTDICC080



Tgt Ion: 232 Resp: 1442428
Ion Ratio Lower Upper
232 100
131 43.0 34.8 52.2
130 2.2 1.8 2.8
166 30.4 24.5 36.7

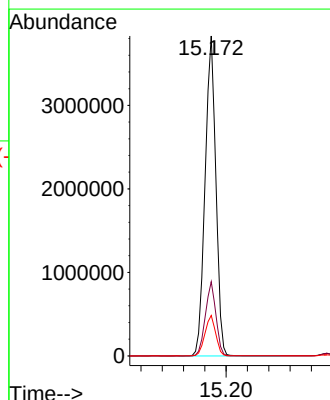
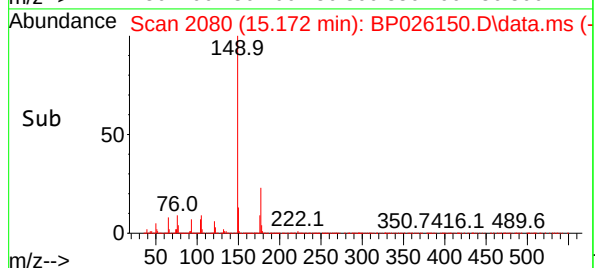
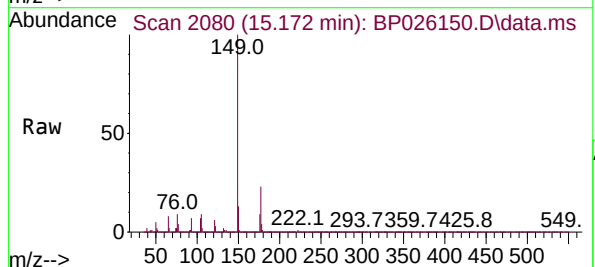
Manual Integrations
APPROVED

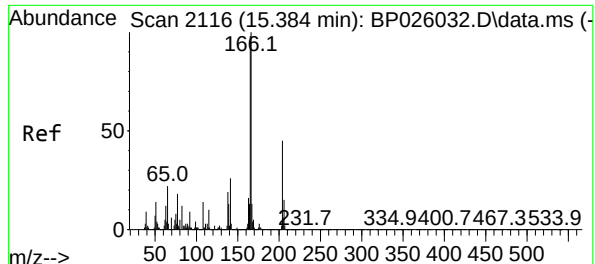
Reviewed By : Jagrut Upadhyay 11/19/2025
Supervised By : Sohil Jodhani 11/19/2025



#60
Diethylphthalate
Concen: 77.587 ng
RT: 15.172 min Scan# 2080
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

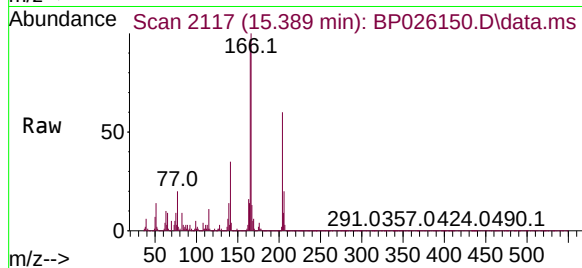
Tgt Ion: 149 Resp: 5369309
Ion Ratio Lower Upper
149 100
177 23.2 17.9 26.9
150 12.7 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 73.978 ng
RT: 15.389 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

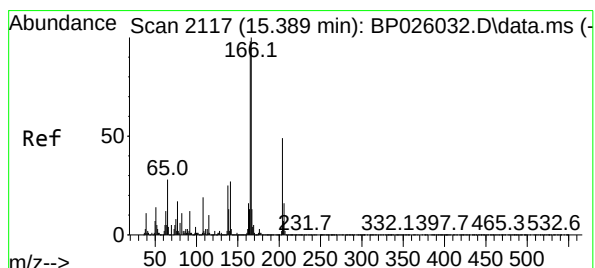
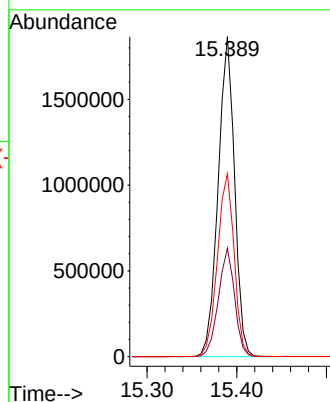
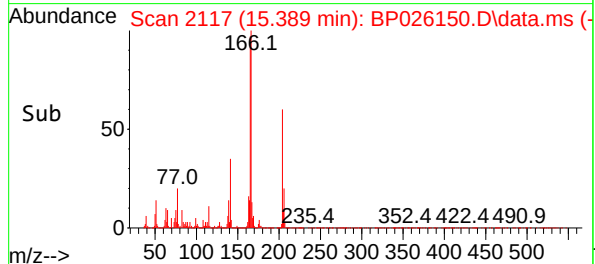
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:204 Resp: 2373384
Ion Ratio Lower Upper
204 100
206 33.9 26.2 39.2
141 57.2 48.1 72.1

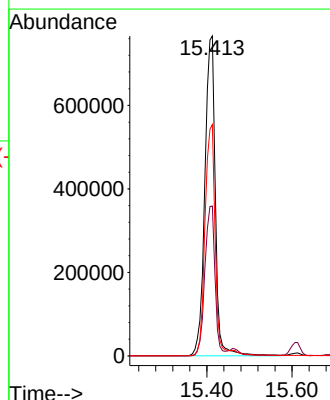
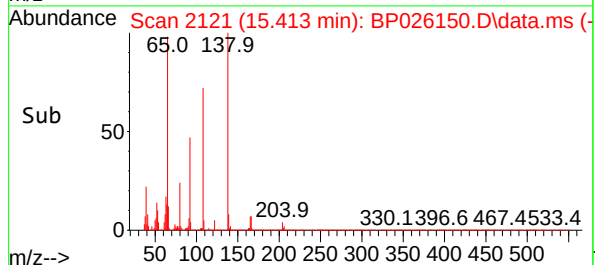
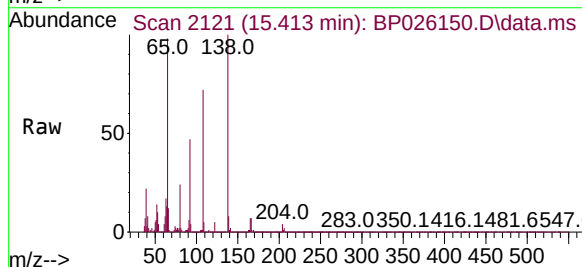
Manual Integrations
APPROVED

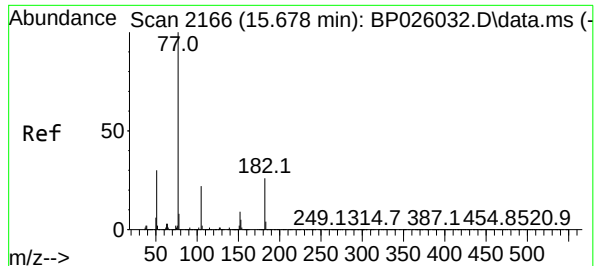
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#62
4-Nitroaniline
Concen: 78.639 ng
RT: 15.413 min Scan# 2121
Delta R.T. 0.012 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

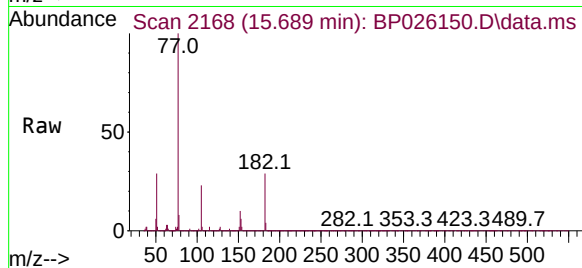
Tgt Ion:138 Resp: 1312938
Ion Ratio Lower Upper
138 100
92 46.8 27.5 67.5
108 72.3 51.1 91.1





#63
Azobenzene
Concen: 78.140 ng
RT: 15.689 min Scan# 2168
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

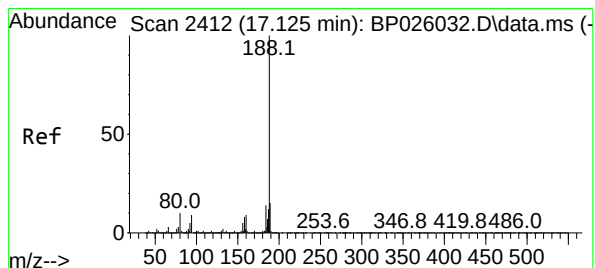
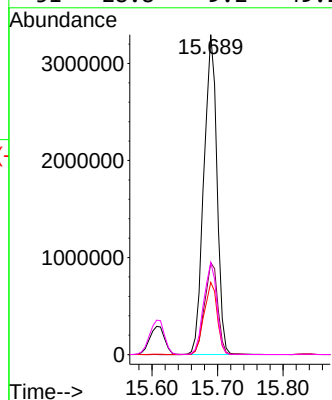
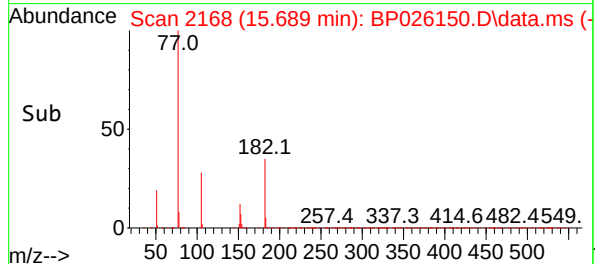
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 77 Resp: 4543203
Ion Ratio Lower Upper
77 100
182 28.7 8.8 48.8
105 22.6 2.6 42.6
51 28.8 9.2 49.2

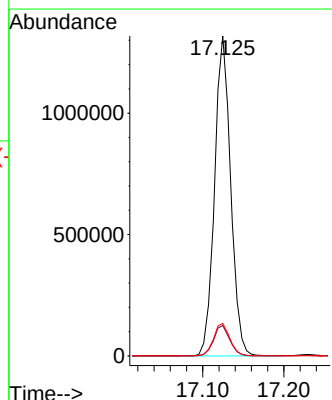
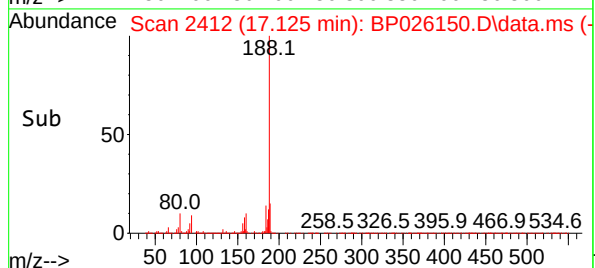
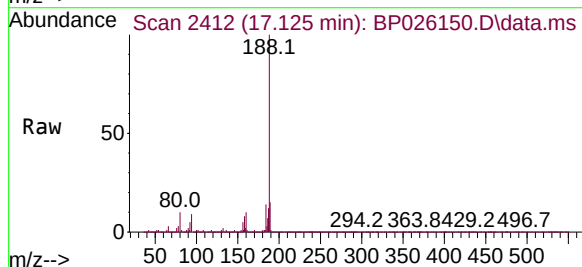
Manual Integrations
APPROVED

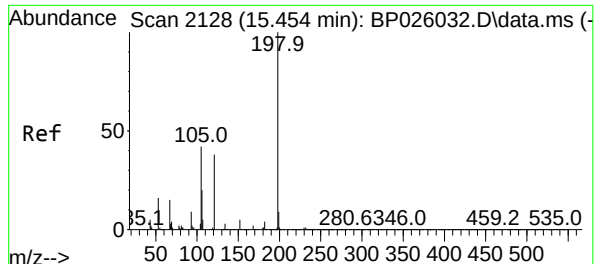
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

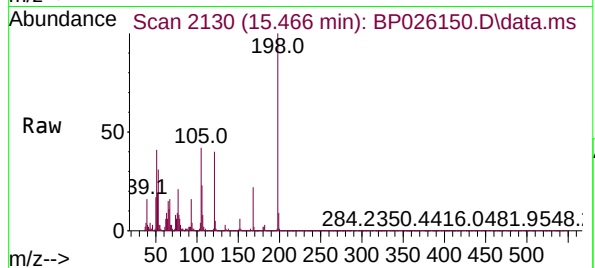
Tgt Ion:188 Resp: 1816815
Ion Ratio Lower Upper
188 100
94 9.5 7.8 11.6
80 10.1 8.2 12.2





#65
4,6-Dinitro-2-methylphenol
Concen: 89.911 ng
RT: 15.466 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

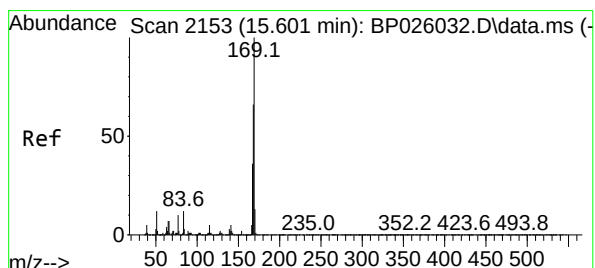
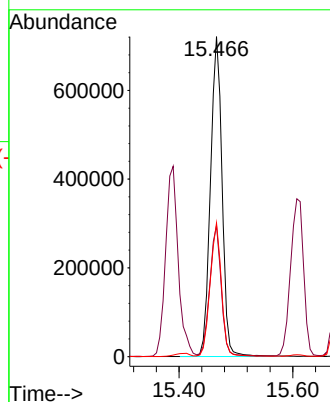
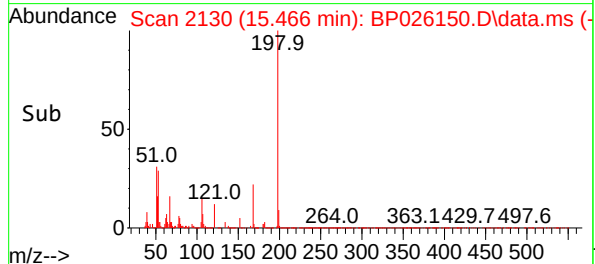
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:198 Resp: 1027969
Ion Ratio Lower Upper
198 100
51 40.9 18.4 58.4
105 41.8 18.5 58.5

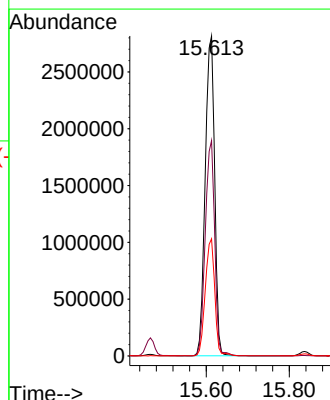
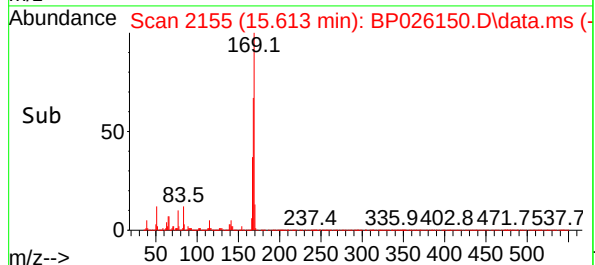
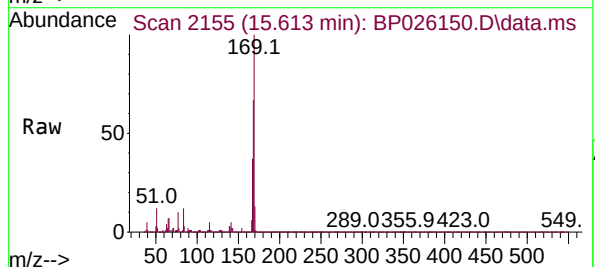
Manual Integrations
APPROVED

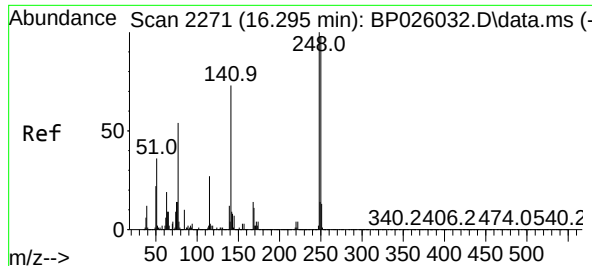
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#66
n-Nitrosodiphenylamine
Concen: 78.838 ng
RT: 15.613 min Scan# 2155
Delta R.T. 0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:169 Resp: 4431692
Ion Ratio Lower Upper
169 100
168 67.3 53.1 79.7
167 36.6 28.9 43.3





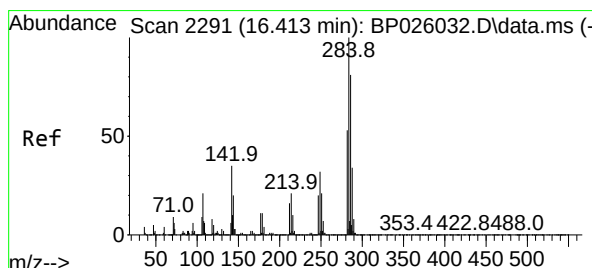
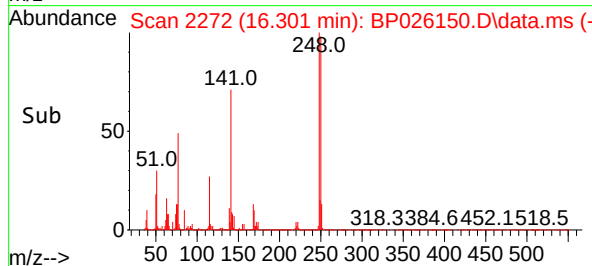
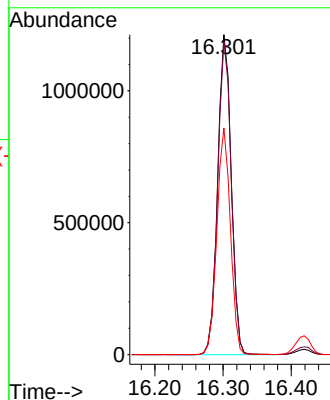
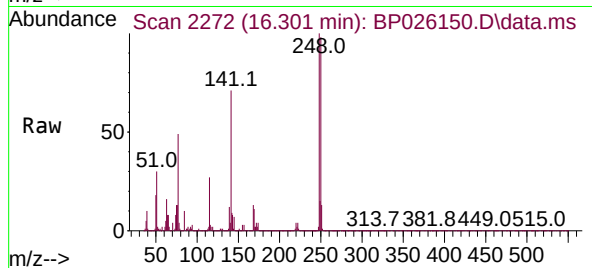
#67
4-Bromophenyl-phenylether
Concen: 82.958 ng
RT: 16.301 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:248 Resp: 1665615
Ion Ratio Lower Upper
248 100
250 97.8 77.8 116.6
141 70.8 55.4 83.0

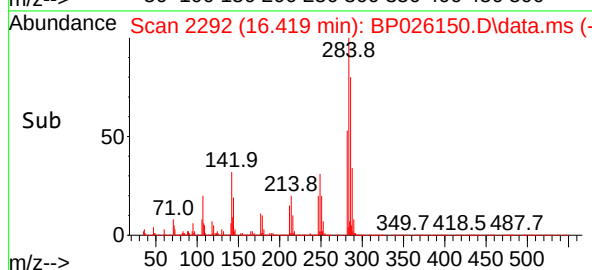
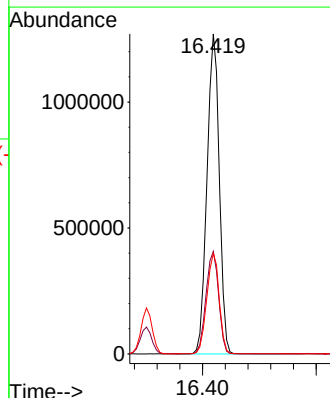
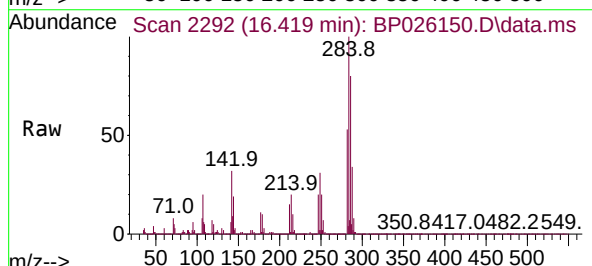
Manual Integrations
APPROVED

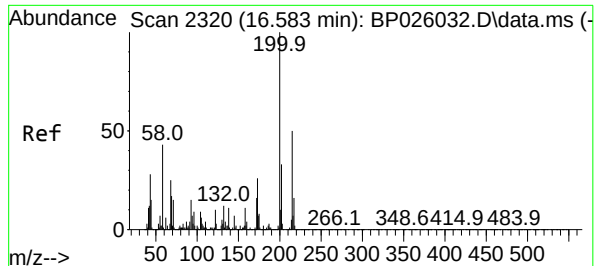
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#68
Hexachlorobenzene
Concen: 82.547 ng
RT: 16.419 min Scan# 2292
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

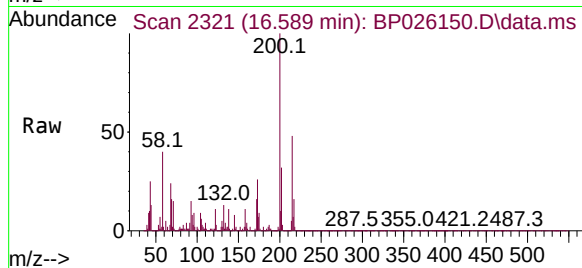
Tgt Ion:284 Resp: 1914891
Ion Ratio Lower Upper
284 100
142 32.0 28.0 42.0
249 31.4 25.0 37.4





#69
Atrazine
Concen: 81.486 ng
RT: 16.589 min Scan# 2321
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

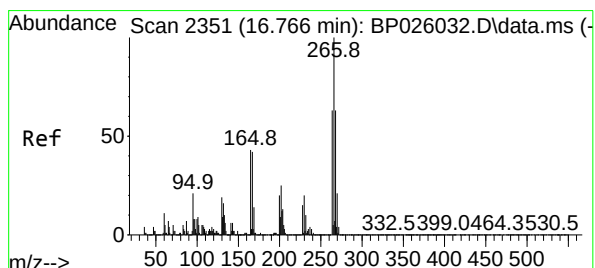
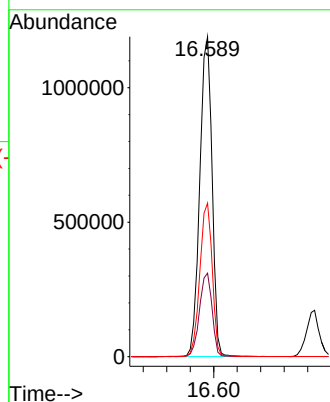
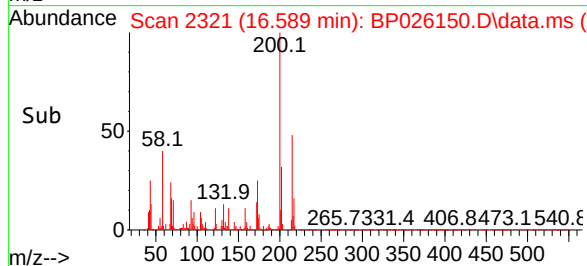
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:200 Resp: 1724863
Ion Ratio Lower Upper
200 100
173 26.1 6.7 46.7
215 48.0 27.4 67.4

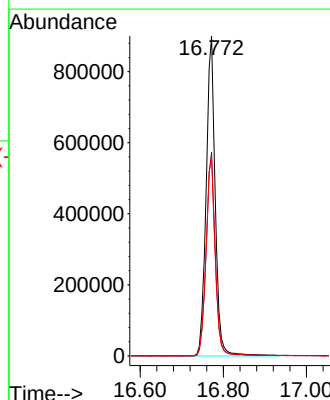
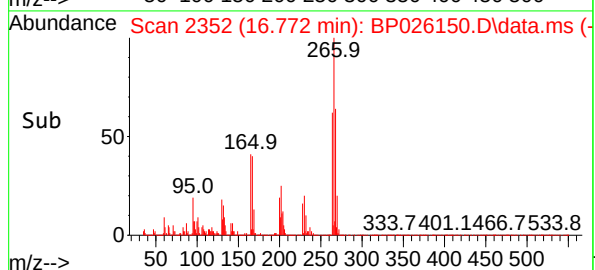
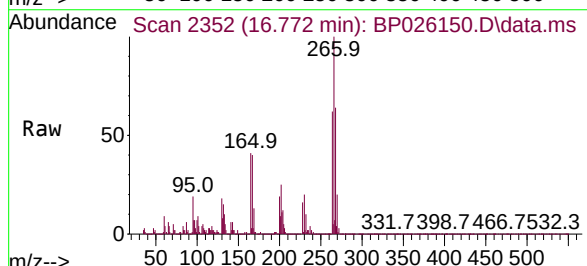
Manual Integrations
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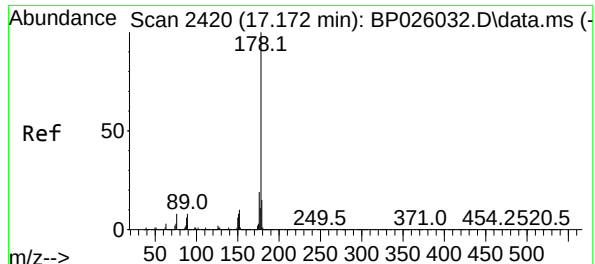
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#70
Pentachlorophenol
Concen: 83.671 ng
RT: 16.772 min Scan# 2352
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

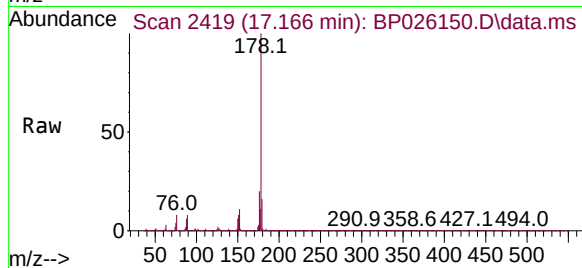
Tgt Ion:266 Resp: 1361754
Ion Ratio Lower Upper
266 100
268 63.6 51.0 76.4
264 62.1 50.2 75.2





#71
Phenanthrene
Concen: 76.873 ng
RT: 17.166 min Scan# 2419
Delta R.T. -0.012 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

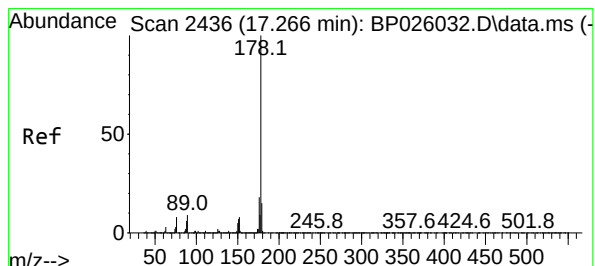
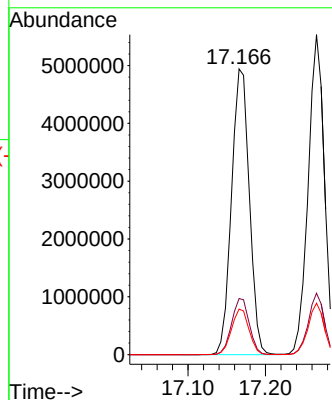
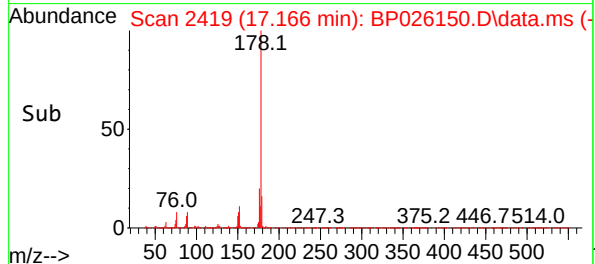
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:178 Resp: 7901401
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.2
179 15.9 12.4 18.6

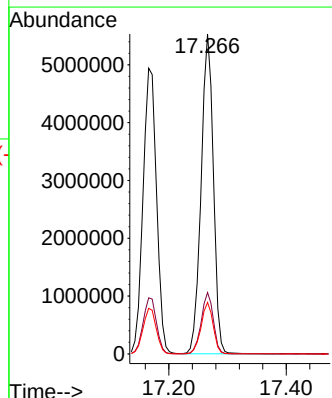
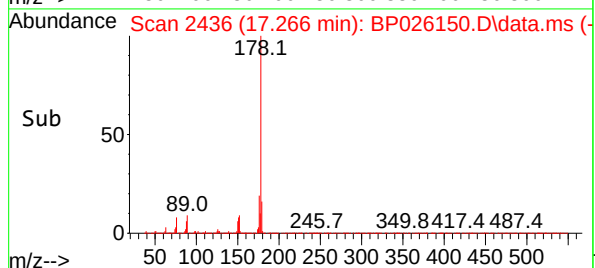
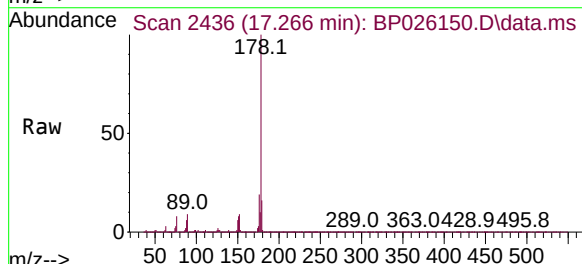
Manual Integrations
APPROVED

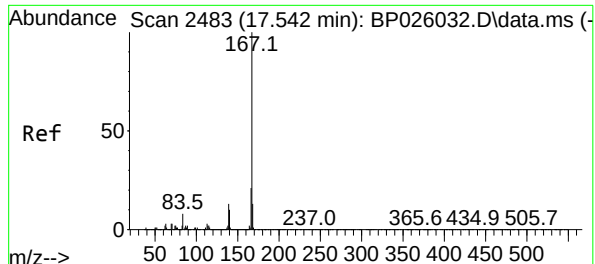
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#72
Anthracene
Concen: 76.308 ng
RT: 17.266 min Scan# 2436
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

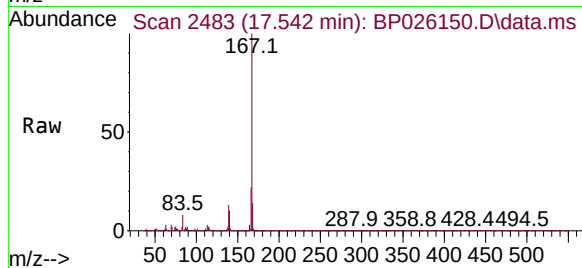
Tgt Ion:178 Resp: 8010628
Ion Ratio Lower Upper
178 100
176 19.2 14.8 22.2
179 16.1 12.2 18.4





#73
Carbazole
Concen: 75.335 ng
RT: 17.542 min Scan# 2483
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

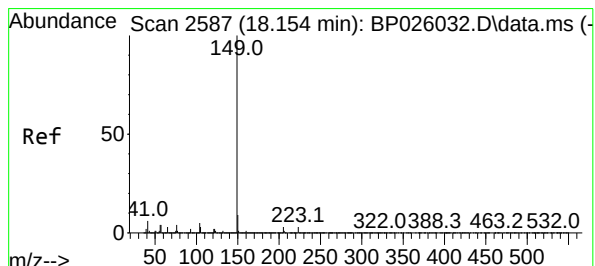
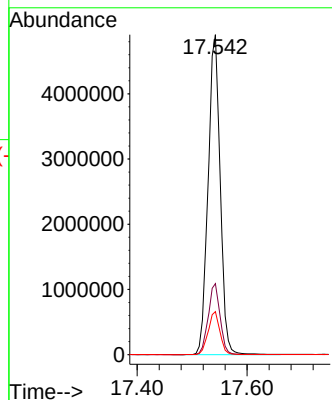
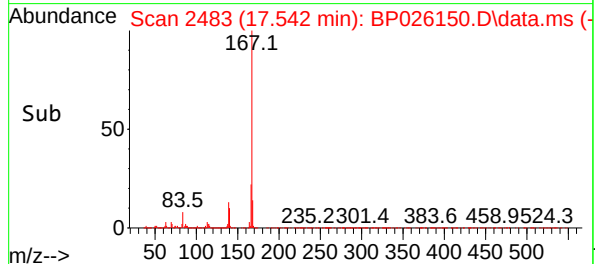
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:167 Resp: 7481751
Ion Ratio Lower Upper
167 100
166 22.2 17.1 25.7
139 13.4 10.2 15.4

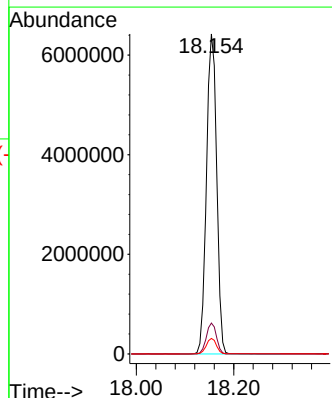
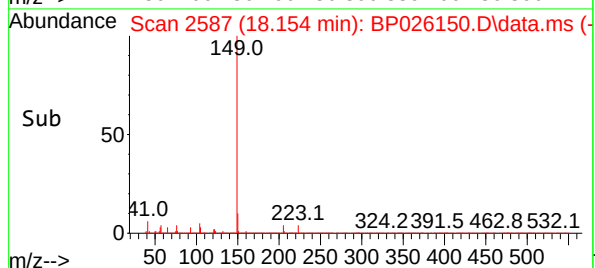
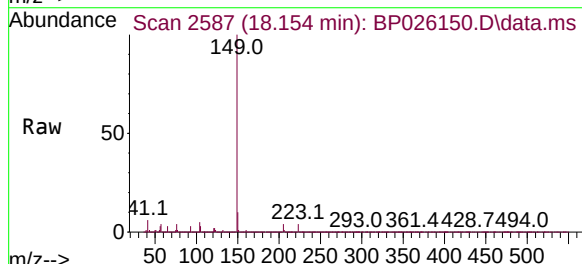
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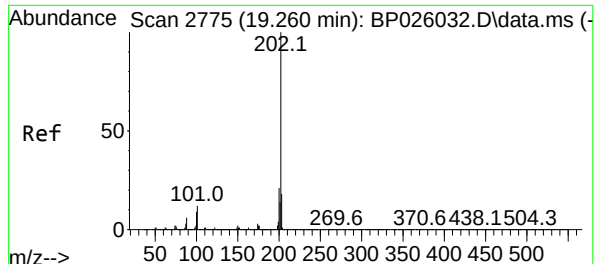
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#74
Di-n-butylphthalate
Concen: 79.539 ng
RT: 18.154 min Scan# 2587
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

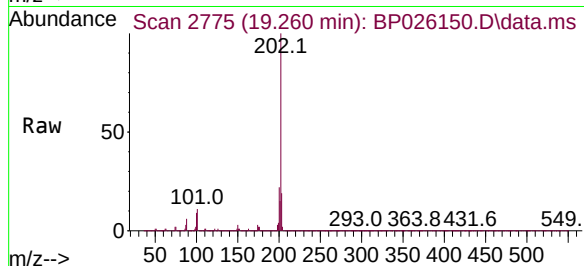
Tgt Ion:149 Resp: 9375432
Ion Ratio Lower Upper
149 100
150 9.6 7.5 11.3
104 4.8 3.6 5.4





#75
Fluoranthene
Concen: 74.439 ng
RT: 19.260 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

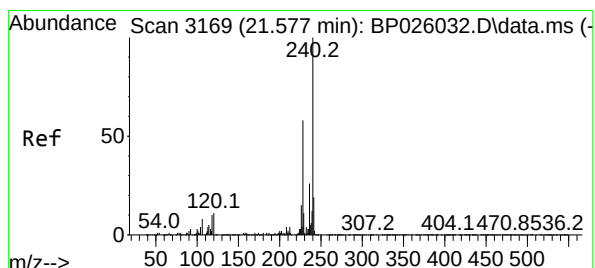
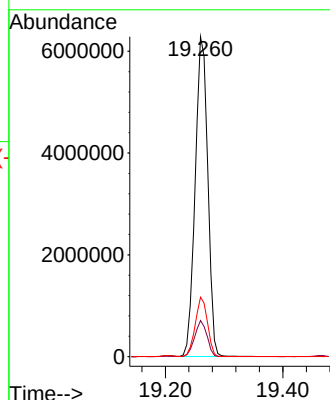
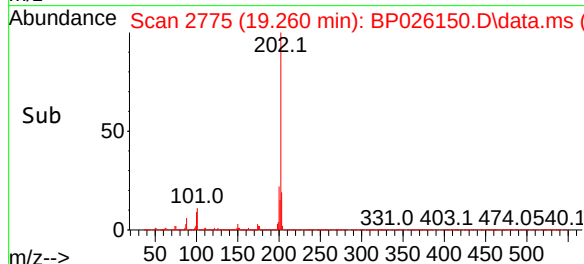
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:202 Resp: 9351568
Ion Ratio Lower Upper
202 100
101 11.3 0.0 31.2
203 18.6 0.0 37.7

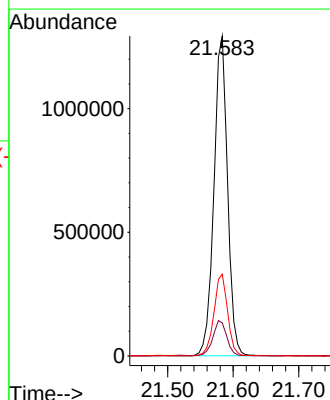
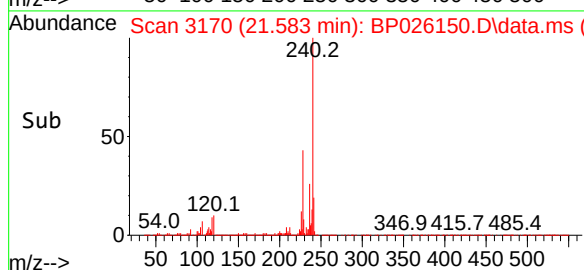
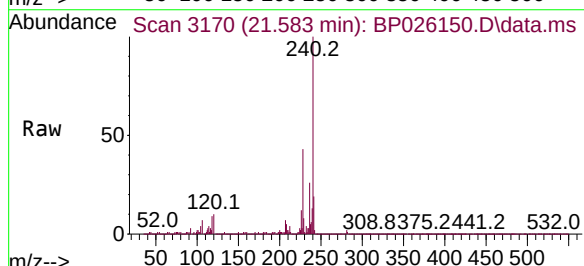
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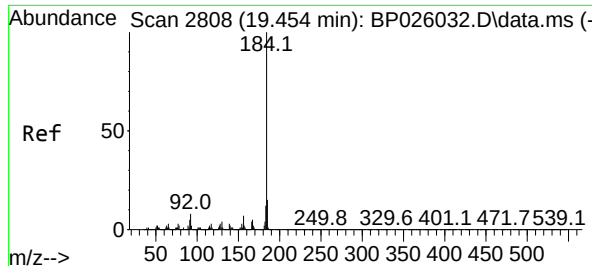
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.012 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

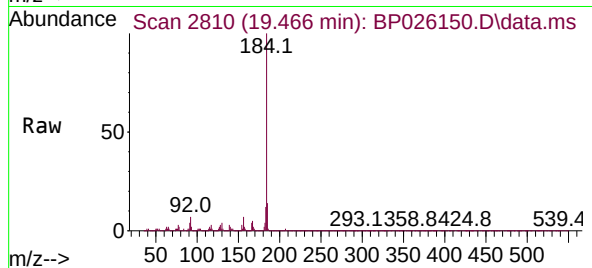
Tgt Ion:240 Resp: 1872355
Ion Ratio Lower Upper
240 100
120 10.3 9.0 13.4
236 25.5 20.4 30.6





#77
Benzidine
Concen: 65.974 ng
RT: 19.466 min Scan# 2810
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

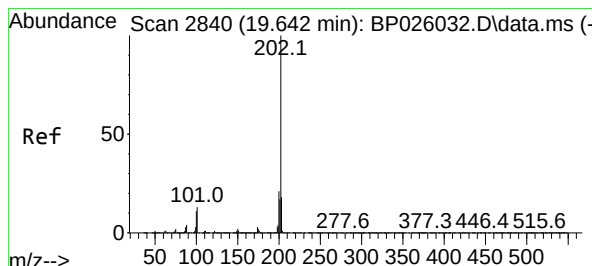
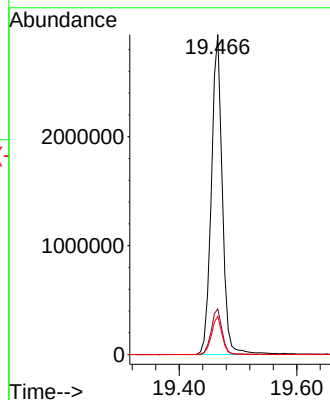
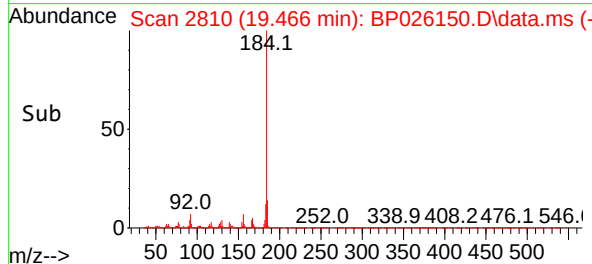
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:184 Resp: 3802265
Ion Ratio Lower Upper
184 100
185 14.3 11.3 16.9
183 11.9 9.0 13.6

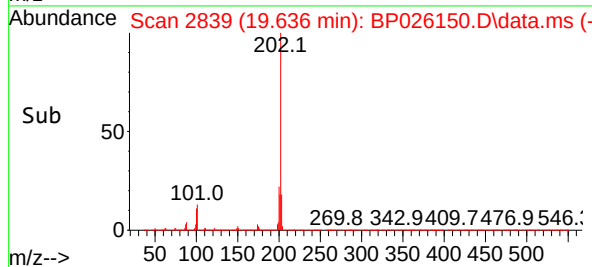
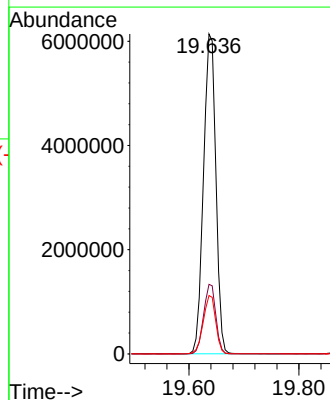
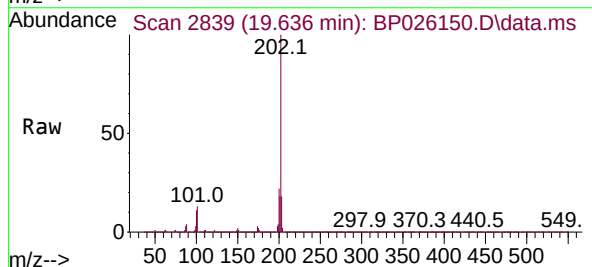
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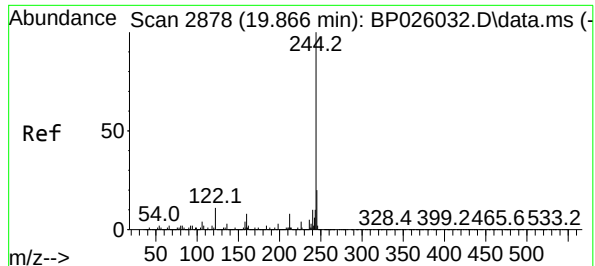
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#78
Pyrene
Concen: 78.406 ng
RT: 19.636 min Scan# 2839
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

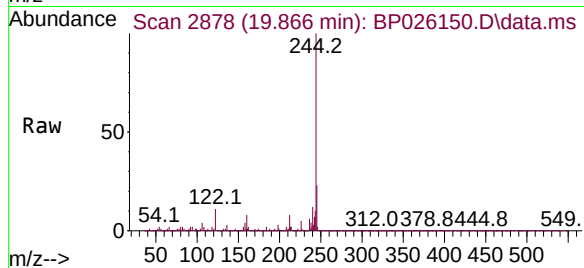
Tgt Ion:202 Resp: 9565086
Ion Ratio Lower Upper
202 100
200 21.7 16.9 25.3
203 18.2 13.8 20.8





#79
Terphenyl-d14
Concen: 141.200 ng
RT: 19.866 min Scan# 2878
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

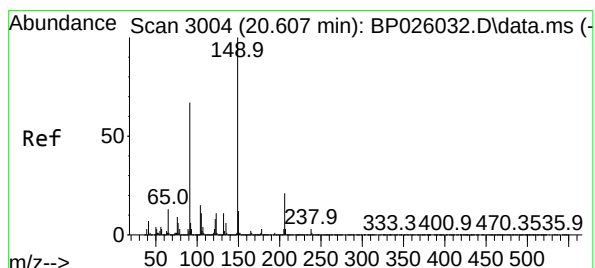
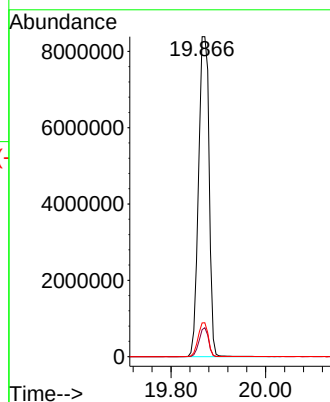
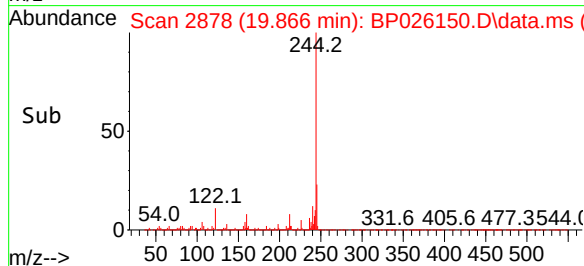
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:244 Resp:1296444
Ion Ratio Lower Upper
244 100
212 8.4 5.8 8.8
122 10.5 8.2 12.2

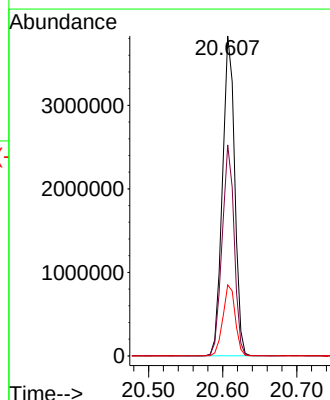
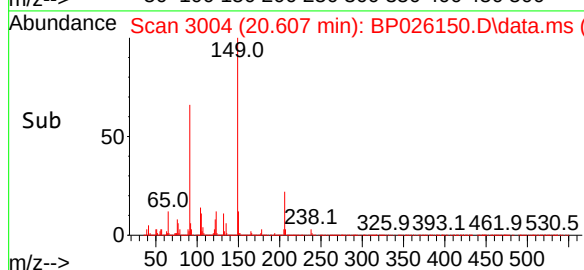
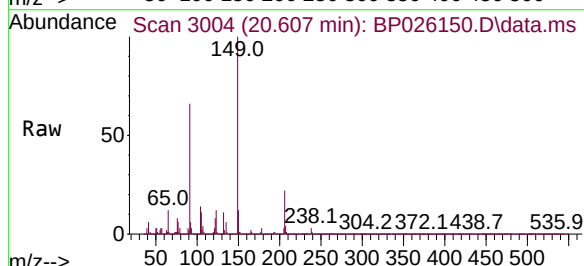
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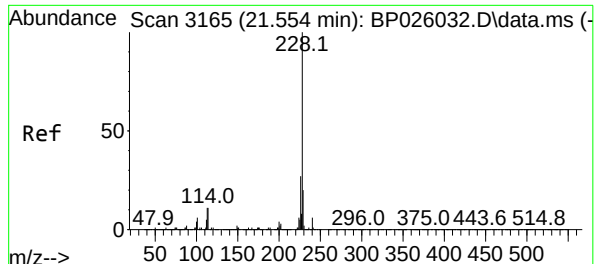
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#80
Butylbenzylphthalate
Concen: 80.859 ng
RT: 20.607 min Scan# 3004
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

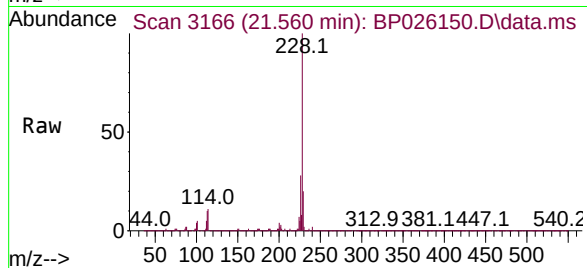
Tgt Ion:149 Resp: 4393302
Ion Ratio Lower Upper
149 100
91 65.9 52.6 79.0
206 22.2 16.9 25.3





#81
Benzo(a)anthracene
Concen: 77.479 ng
RT: 21.560 min Scan# 3166
Delta R.T. 0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

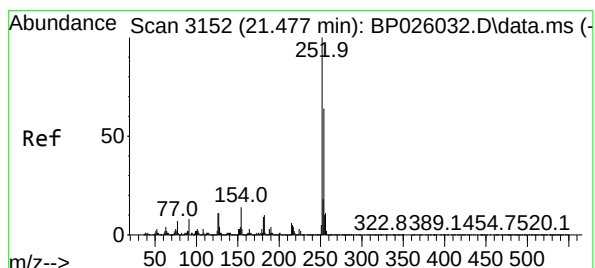
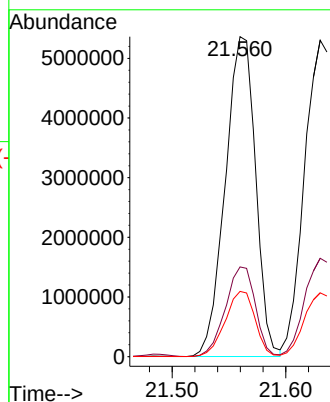
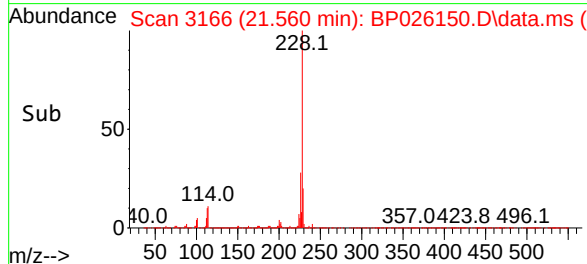
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:228 Resp: 9949146
Ion Ratio Lower Upper
228 100
226 28.0 21.8 32.8
229 20.4 15.9 23.9

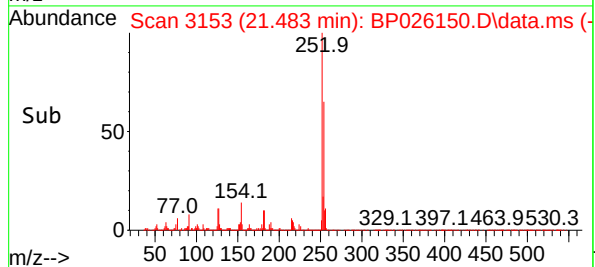
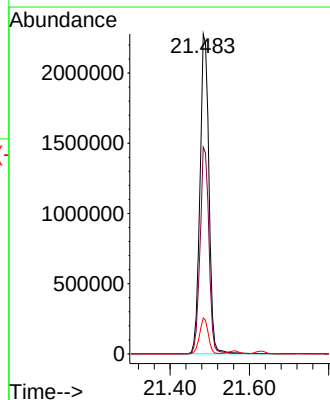
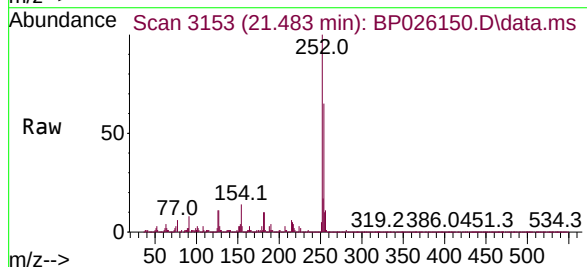
Manual Integrations
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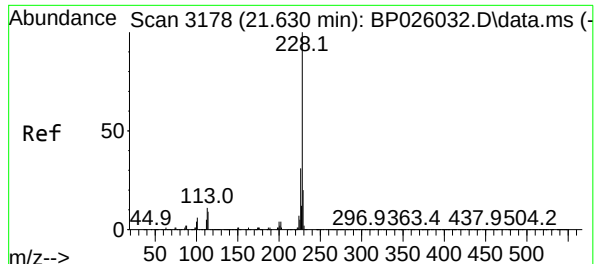
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#82
3,3'-Dichlorobenzidine
Concen: 76.221 ng
RT: 21.483 min Scan# 3153
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:252 Resp: 3556791
Ion Ratio Lower Upper
252 100
254 64.6 51.2 76.8
126 11.2 8.2 12.4





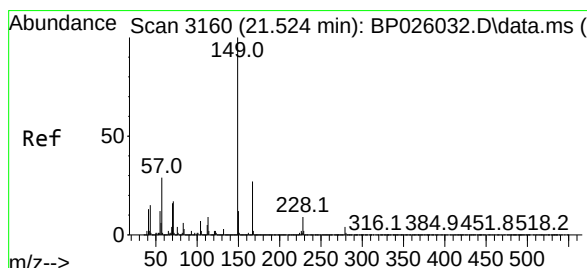
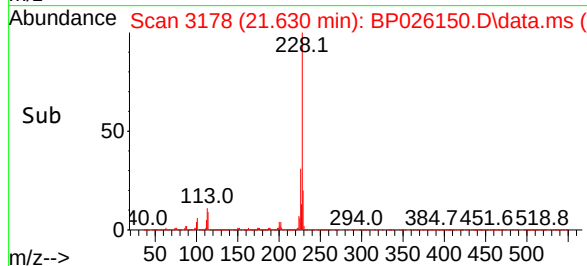
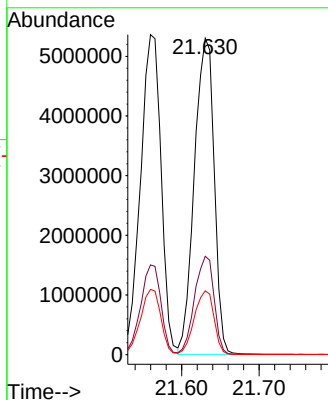
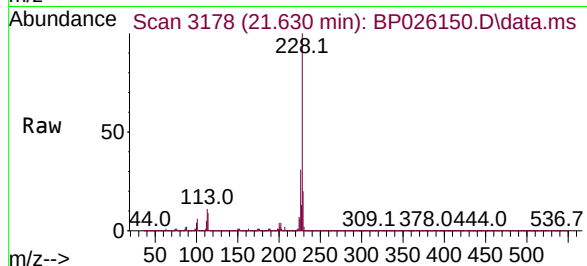
#83
Chrysene
Concen: 77.856 ng
RT: 21.630 min Scan# 3178
Delta R.T. 0.012 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:228 Resp: 9412347
Ion Ratio Lower Upper
228 100
226 31.1 23.9 35.9
229 20.2 15.9 23.9

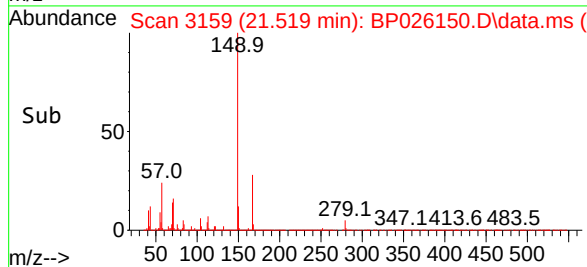
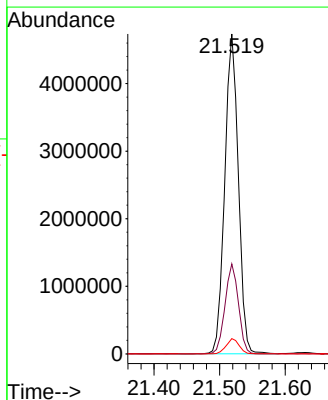
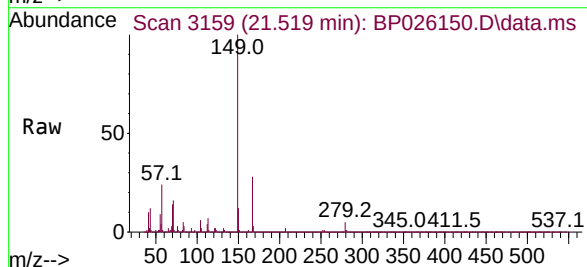
Manual Integrations
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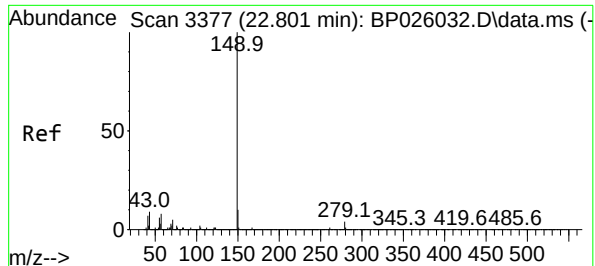
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 83.686 ng
RT: 21.519 min Scan# 3159
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:149 Resp: 6825162
Ion Ratio Lower Upper
149 100
167 28.2 22.1 33.1
279 4.8 3.3 4.9





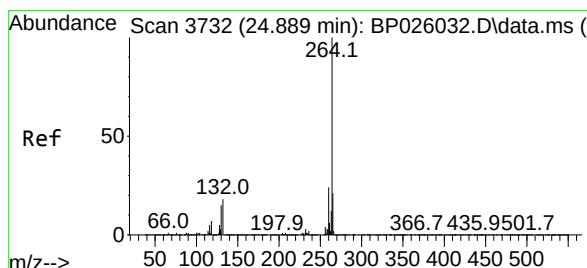
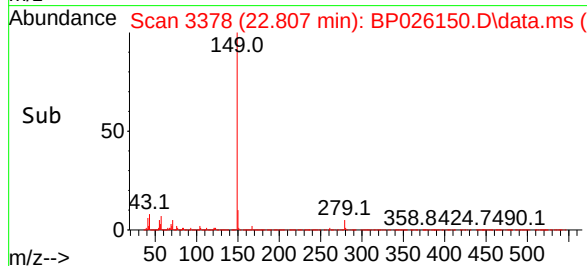
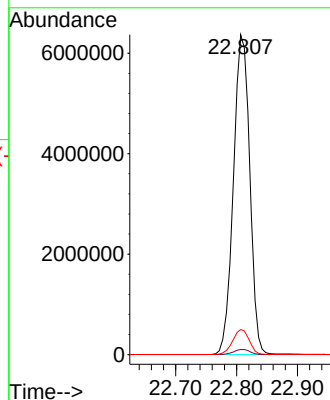
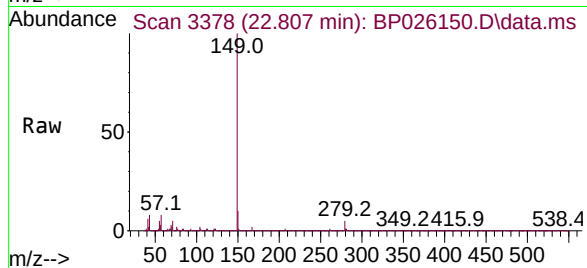
#85
Di-n-octyl phthalate
Concen: 82.666 ng
RT: 22.807 min Scan# 3377
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp:1186472
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 7.9 6.6 10.0

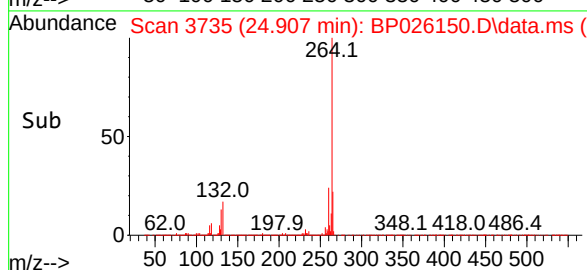
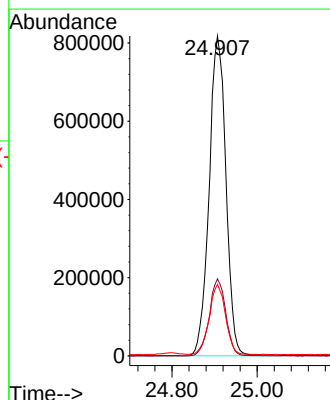
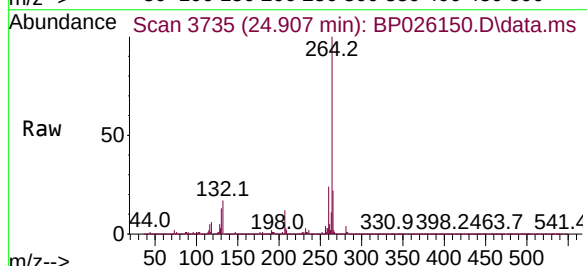
Manual Integrations
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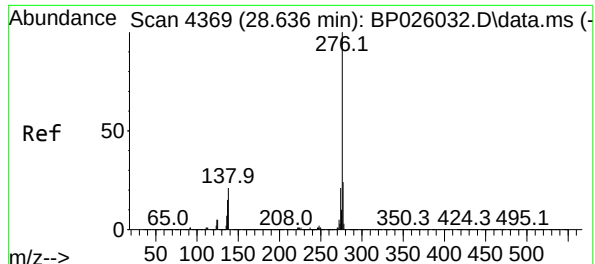
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.907 min Scan# 3735
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

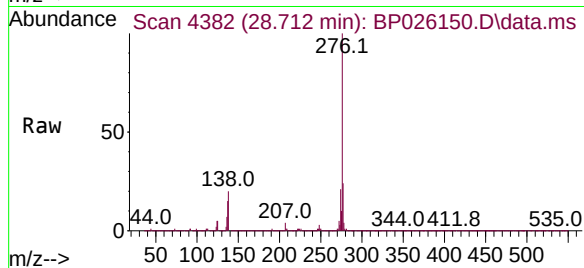
Tgt Ion:264 Resp: 2234365
Ion Ratio Lower Upper
264 100
260 24.1 18.7 28.1
265 22.3 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 81.129 ng m
RT: 28.712 min Scan# 4369
Delta R.T. 0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

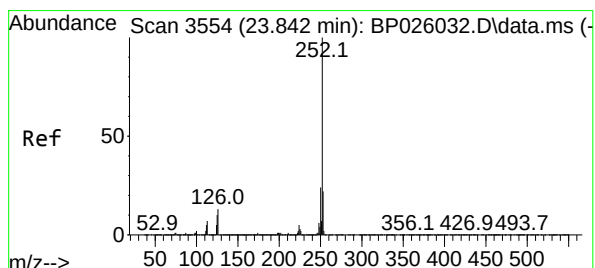
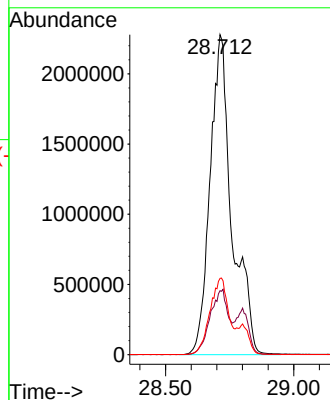
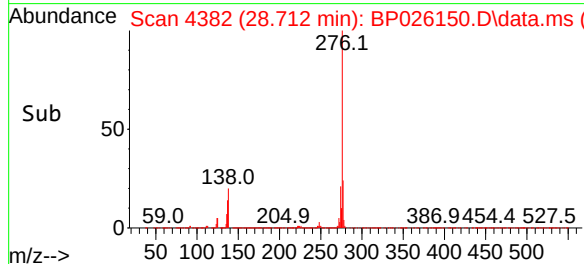
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 276 Resp: 1350425
Ion Ratio Lower Upper
276 100
138 16.8 13.8 20.8
277 20.3 16.7 25.1

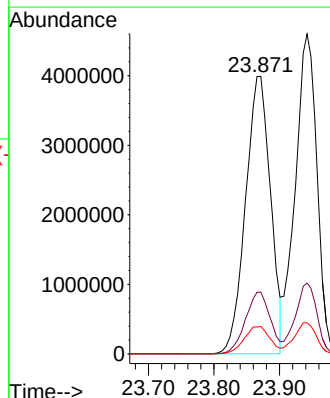
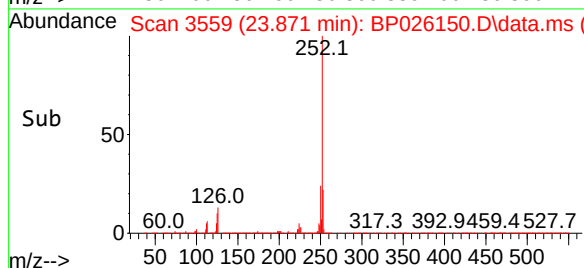
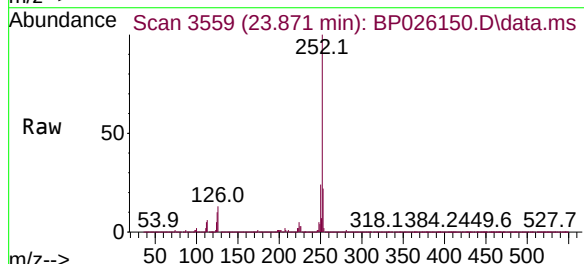
Manual Integrations
APPROVED

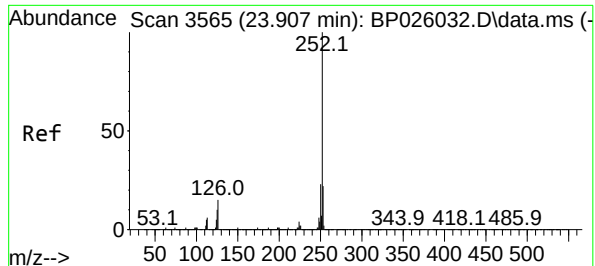
Reviewed By : Jagrut Upadhyay 11/19/2025
Supervised By : Sohil Jodhani 11/19/2025



#88
Benzo(b)fluoranthene
Concen: 77.620 ng
RT: 23.871 min Scan# 3559
Delta R.T. 0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion: 252 Resp: 10544016
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 9.9 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 78.288 ng

RT: 23.942 min Scan# 3571

Delta R.T. 0.006 min

Lab File: BP026150.D

Acq: 18 Nov 2025 21:22

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:252 Resp:1062866

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

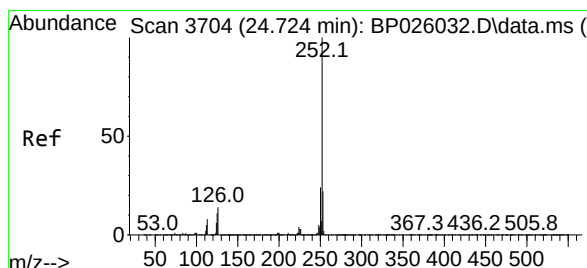
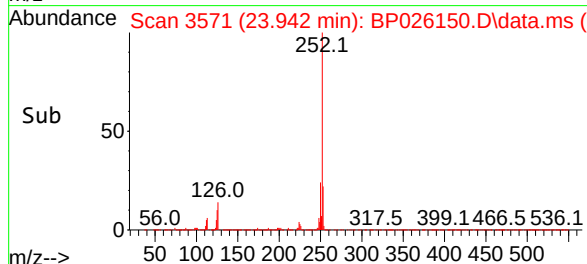
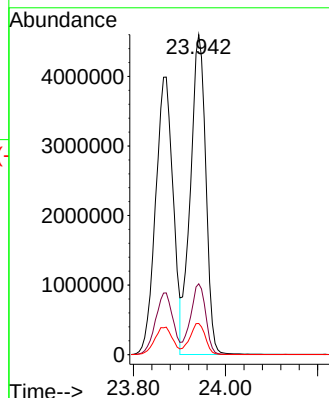
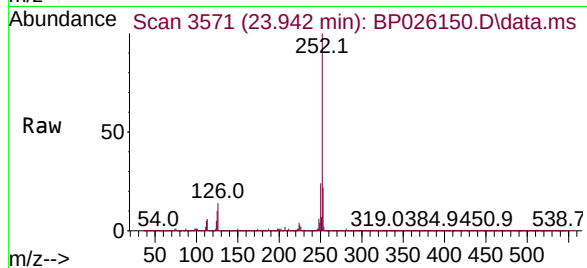
125 9.7 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#90

Benzo(a)pyrene

Concen: 79.216 ng

RT: 24.765 min Scan# 3711

Delta R.T. 0.012 min

Lab File: BP026150.D

Acq: 18 Nov 2025 21:22

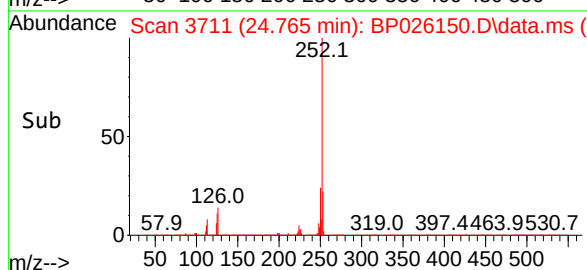
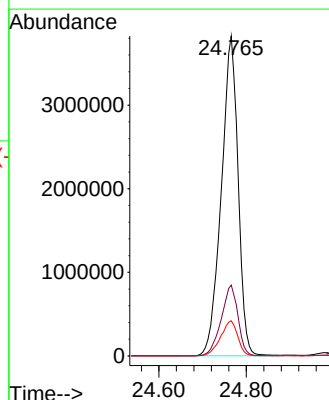
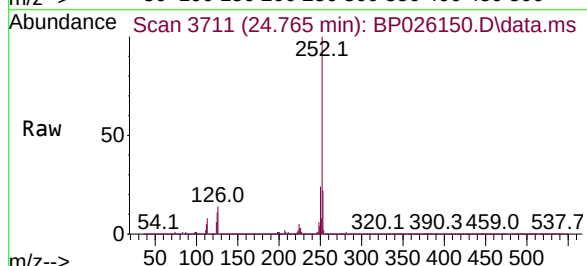
Tgt Ion:252 Resp:10207772

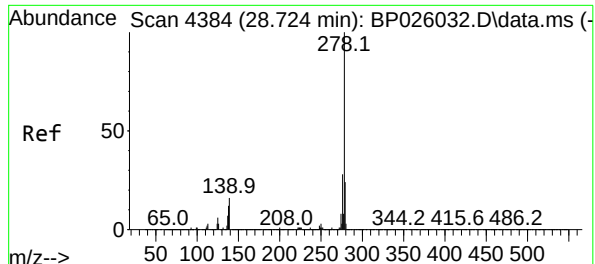
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

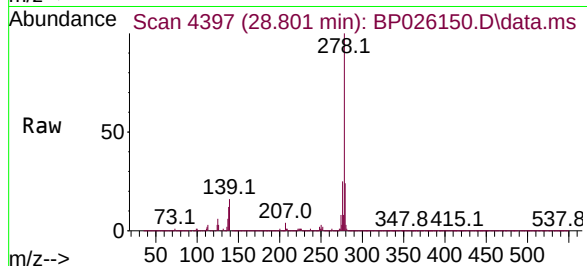
125 11.0 9.0 13.6





#91
Dibenzo(a,h)anthracene
Concen: 80.721 ng
RT: 28.801 min Scan# 4384
Delta R.T. 0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

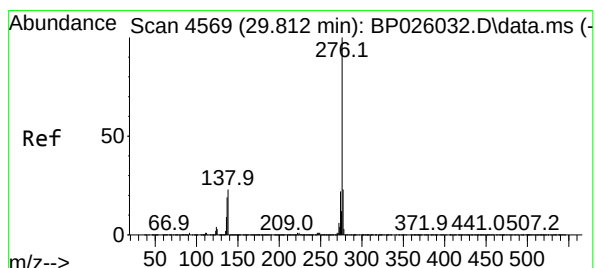
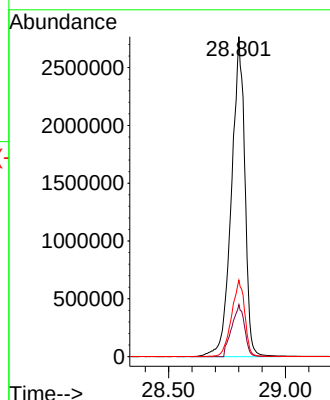
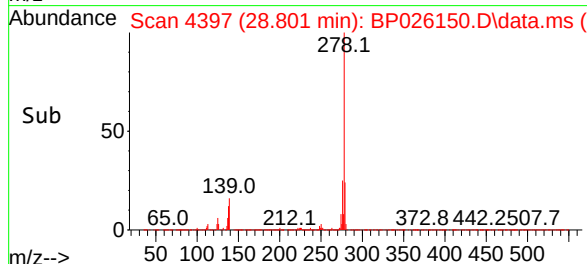
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 278 Resp: 1101203
Ion Ratio Lower Upper
278 100
139 16.2 13.2 19.8
279 23.9 19.2 28.8

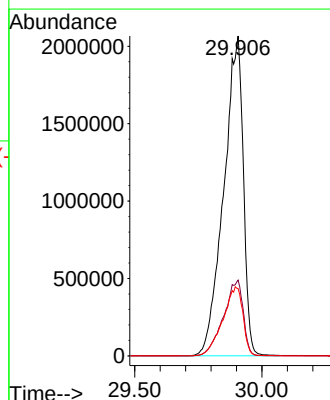
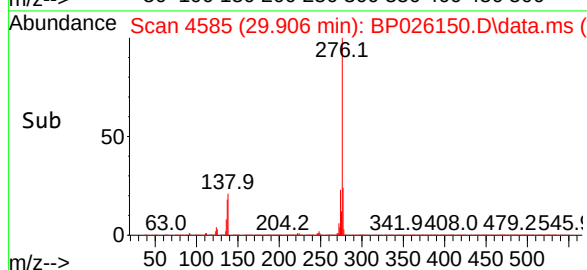
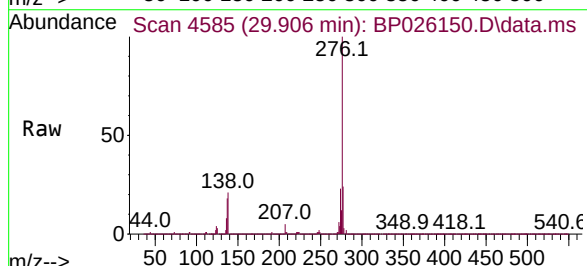
Manual Integrations
APPROVED

Reviewed By : Jagrut Upadhyay 11/19/2025
Supervised By : Sohil Jodhani 11/19/2025



#92
Benzo(g,h,i)perylene
Concen: 81.458 ng
RT: 29.906 min Scan# 4585
Delta R.T. 0.024 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion: 276 Resp: 11030115
Ion Ratio Lower Upper
276 100
277 23.7 18.8 28.2
138 21.0 17.8 26.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
 Data File : BP026151.D
 Acq On : 18 Nov 2025 23:25
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

ICVBP111825

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 19 01:53:10 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 19 01:25:31 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.672	152	361595	20.000	ng	0.00
21) Naphthalene-d8	10.443	136	1582932	20.000	ng	0.00
39) Acenaphthene-d10	14.319	164	1060115	20.000	ng	0.00
64) Phenanthrene-d10	17.131	188	2119946	20.000	ng	0.00
76) Chrysene-d12	21.577	240	2196318	20.000	ng	0.00
86) Perylene-d12	24.907	264	2586780	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.290	112	1800651	79.929	ng	0.00
7) Phenol-d6	6.855	99	2411815	84.094	ng	0.00
23) Nitrobenzene-d5	8.813	82	2249363	80.717	ng	0.00
42) 2,4,6-Tribromophenol	15.831	330	1107358	80.522	ng	0.00
45) 2-Fluorobiphenyl	12.925	172	5498471	76.016	ng	0.00
79) Terphenyl-d14	19.872	244	8445903	78.411	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.225	88	343507	37.593	ng	100
3) Pyridine	3.614	79	1054187	39.921	ng	100
4) n-Nitrosodimethylamine	3.525	42	394191	39.942	ng	97
6) Aniline	7.002	93	1580563	41.740	ng	98
8) 2-Chlorophenol	7.243	128	1055115	41.146	ng	99
9) Benzaldehyde	6.819	77	685617	45.618	ng	100
10) Phenol	6.878	94	1299478	42.060	ng	99
11) bis(2-Chloroethyl)ether	7.102	93	993460	41.067	ng	98
12) 1,3-Dichlorobenzene	7.566	146	1093655	39.587	ng	98
13) 1,4-Dichlorobenzene	7.708	146	1106341	39.742	ng	99
14) 1,2-Dichlorobenzene	8.019	146	1083058	40.516	ng	99
15) Benzyl Alcohol	7.908	79	891170	42.414	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.202	45	1385943	40.794	ng	99
17) 2-Methylphenol	8.108	107	894546	42.532	ng	100
18) Hexachloroethane	8.743	117	409876	40.466	ng	98
19) n-Nitroso-di-n-propyla...	8.472	70	771683	43.311	ng	99
20) 3+4-Methylphenols	8.437	107	1238228	42.486	ng	100
22) Acetophenone	8.484	105	1599641	39.758	ng	# 99
24) Nitrobenzene	8.855	77	1132232	40.166	ng	98
25) Isophorone	9.384	82	2283034	41.325	ng	99
26) 2-Nitrophenol	9.555	139	600692	42.113	ng	99
27) 2,4-Dimethylphenol	9.625	122	1044113	40.595	ng	99
28) bis(2-Chloroethoxy)met...	9.854	93	1398232	40.412	ng	99
29) 2,4-Dichlorophenol	10.096	162	1058748	41.185	ng	100
30) 1,2,4-Trichlorobenzene	10.302	180	1034416	39.515	ng	98
31) Naphthalene	10.496	128	3382899	39.543	ng	99
32) Benzoic acid	9.778	122	916813	42.328	ng	100
33) 4-Chloroaniline	10.590	127	1497158	41.152	ng	99
34) Hexachlorobutadiene	10.790	225	663620	38.979	ng	99
35) Caprolactam	11.390	113	386416	41.978	ng	99
36) 4-Chloro-3-methylphenol	11.731	107	1169352	42.798	ng	99
37) 2-Methylnaphthalene	12.107	142	2480618	40.901	ng	100
38) 1-Methylnaphthalene	12.325	142	2436446	41.101	ng	100
40) 1,2,4,5-Tetrachloroben...	12.490	216	1239031	38.653	ng	99
41) Hexachlorocyclopentadiene	12.472	237	827636	39.451	ng	99
43) 2,4,6-Trichlorophenol	12.725	196	889628	40.482	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
 Data File : BP026151.D
 Acq On : 18 Nov 2025 23:25
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

ICVBP111825

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
 Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 19 01:53:10 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 19 01:25:31 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.801	196	986131	40.200	ng	98
46) 1,1'-Biphenyl	13.137	154	3104503	38.891	ng	100
47) 2-Chloronaphthalene	13.178	162	2436522	38.816	ng	100
48) 2-Nitroaniline	13.366	65	731047	41.880	ng	94
49) Acenaphthylene	14.031	152	4108111	39.676	ng	99
50) Dimethylphthalate	13.766	163	3116904	39.365	ng	100
51) 2,6-Dinitrotoluene	13.878	165	675339	43.045	ng	100
52) Acenaphthene	14.378	154	2361523	38.919	ng	99
53) 3-Nitroaniline	14.213	138	782672	42.369	ng	99
54) 2,4-Dinitrophenol	14.419	184	403157	42.569	ng	98
55) Dibenzofuran	14.719	168	3668770	39.037	ng	100
56) 4-Nitrophenol	14.531	139	673671	40.312	ng	98
57) 2,4-Dinitrotoluene	14.684	165	997423	42.577	ng	99
58) Fluorene	15.389	166	2894223	38.962	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.954	232	846319	40.668	ng	100
60) Diethylphthalate	15.160	149	3115428	39.059	ng	99
61) 4-Chlorophenyl-phenyle...	15.384	204	1437111	38.882	ng	100
62) 4-Nitroaniline	15.401	138	780732	40.700	ng	99
63) Azobenzene	15.684	77	2678923	39.832	ng	99
65) 4,6-Dinitro-2-methylph...	15.460	198	568324	42.199	ng	95
66) n-Nitrosodiphenylamine	15.607	169	2623713	40.009	ng	100
67) 4-Bromophenyl-phenylether	16.301	248	960730	40.921	ng	99
68) Hexachlorobenzene	16.419	284	1097761	40.295	ng	96
69) Atrazine	16.589	200	985277	39.843	ng	99
70) Pentachlorophenol	16.772	266	775987	40.719	ng	99
71) Phenanthrene	17.178	178	4768475	39.930	ng	100
72) Anthracene	17.266	178	4875395	40.026	ng	99
73) Carbazole	17.536	167	4601692	39.777	ng	100
74) Di-n-butylphthalate	18.154	149	5331384	38.873	ng	100
75) Fluoranthene	19.260	202	5678696	39.137	ng	100
77) Benzidine	19.466	184	2769880	39.739	ng	99
78) Pyrene	19.636	202	5858930	40.685	ng	99
80) Butylbenzylphthalate	20.613	149	2485794	39.196	ng	99
81) Benzo(a)anthracene	21.560	228	5995605	39.748	ng	99
82) 3,3'-Dichlorobenzidine	21.483	252	2205669	40.210	ng	98
83) Chrysene	21.624	228	5679377	39.951	ng	100
84) Bis(2-ethylhexyl)phtha...	21.524	149	3741593	38.974	ng	100
85) Di-n-octyl phthalate	22.807	149	6475670	38.576	ng	99
87) Indeno(1,2,3-cd)pyrene	28.701	276	7731323m	39.852	ng	
88) Benzo(b)fluoranthene	23.860	252	6338827	40.239	ng	100
89) Benzo(k)fluoranthene	23.936	252	6104845	38.799	ng	100
90) Benzo(a)pyrene	24.754	252	5947125	39.855	ng	100
91) Dibenzo(a,h)anthracene	28.783	278	6347656	39.970	ng	100
92) Benzo(g,h,i)perylene	29.859	276	6346496	40.207	ng	100

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

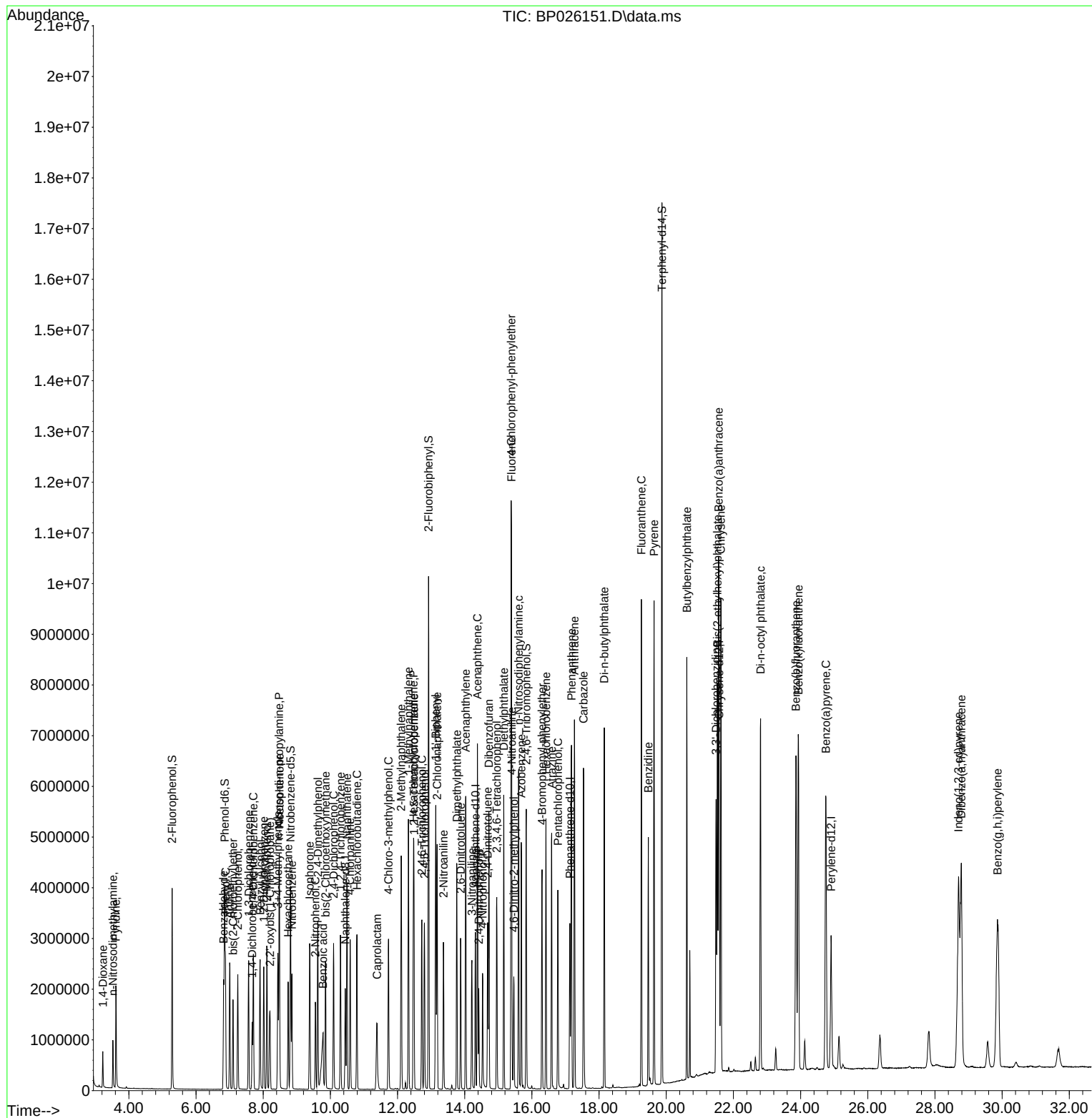
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Acq On    : 18 Nov 2025   23:25  
Operator  : RC/JU  
Sample    : SSTDICV040  
Misc      :  
ALS Vial  : 15    Sample Multiplier: 1
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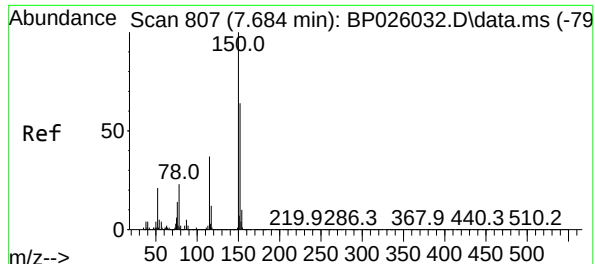
Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

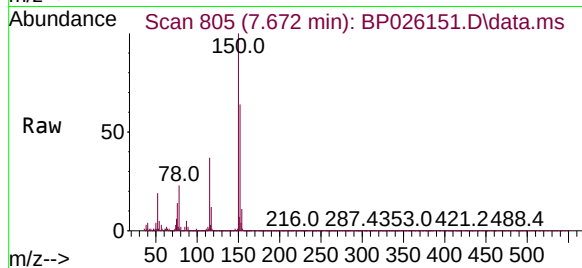
Quant Time: Nov 19 01:53:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.672 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

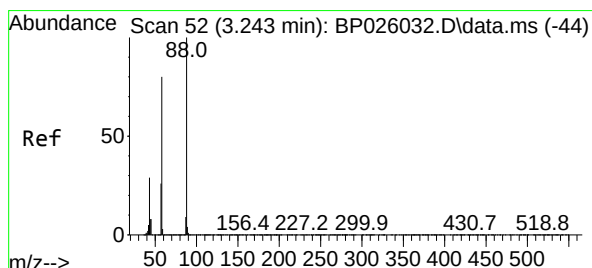
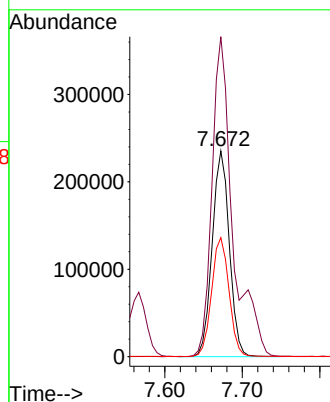
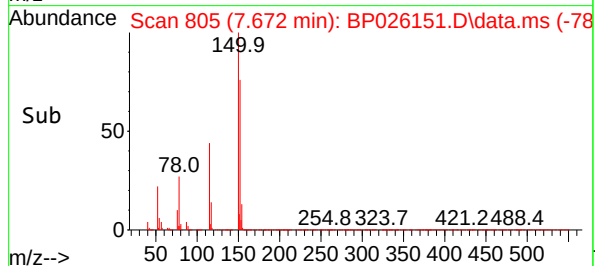
Instrument :
BNA_P
ClientSampleId :
ICVBP111825



Tgt Ion:152 Resp: 361595
Ion Ratio Lower Upper
152 100
150 155.6 123.0 184.6
115 57.9 46.3 69.5

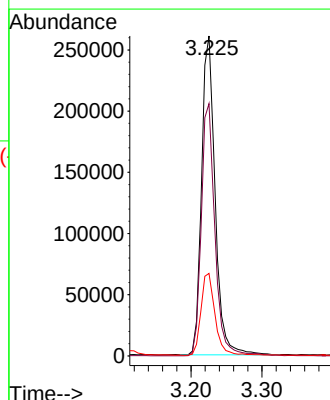
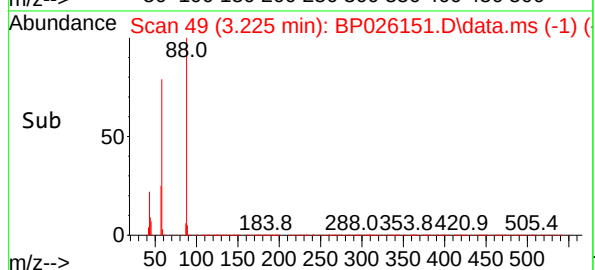
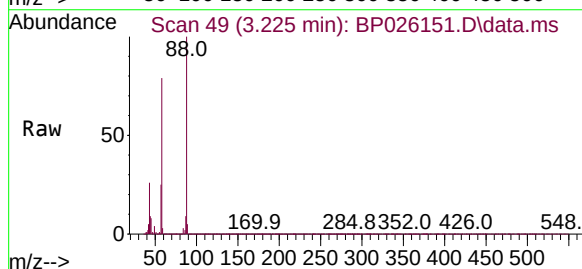
Manual Integrations
APPROVED

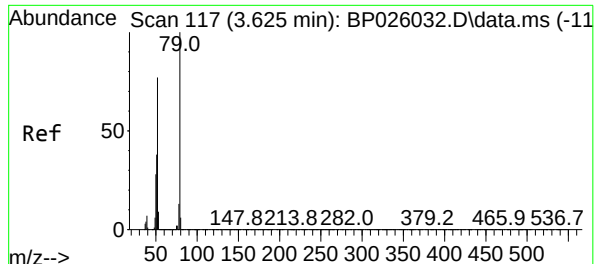
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#2
1,4-Dioxane
Concen: 37.593 ng
RT: 3.225 min Scan# 49
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

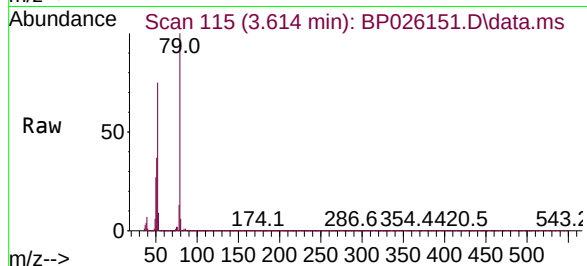
Tgt Ion: 88 Resp: 343507
Ion Ratio Lower Upper
88 100
58 80.0 64.2 96.4
43 26.8 21.5 32.3





#3
Pyridine
Concen: 39.921 ng
RT: 3.614 min Scan# 117
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

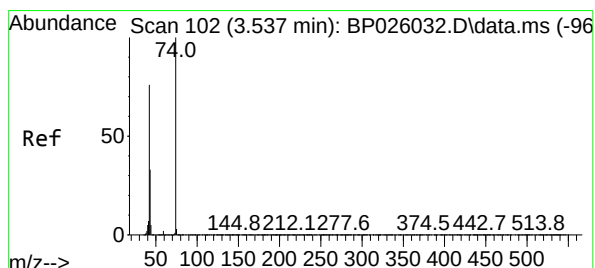
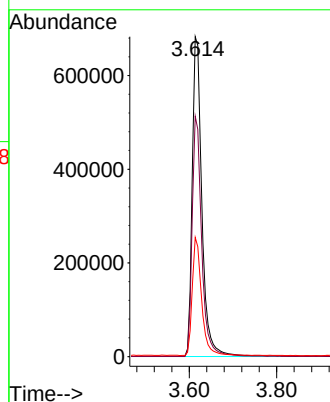
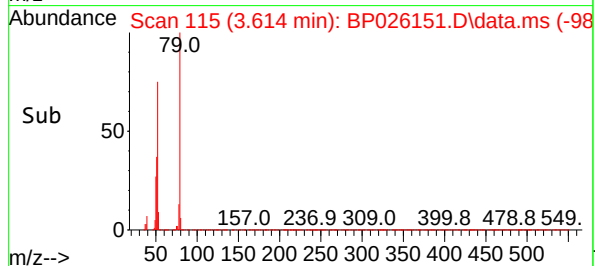
Instrument :
BNA_P
ClientSampleId :
ICVBP111825



Tgt Ion: 79 Resp: 1054187
Ion Ratio Lower Upper
79 100
52 75.1 60.2 90.2
51 37.2 29.5 44.3

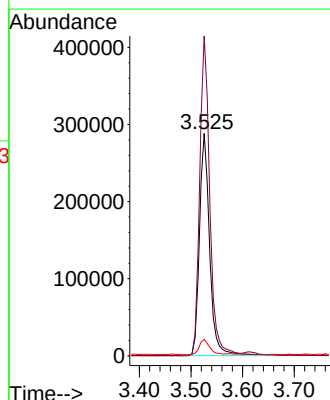
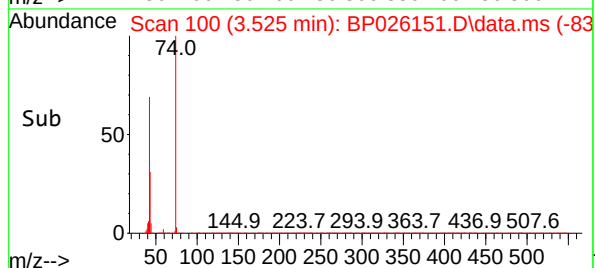
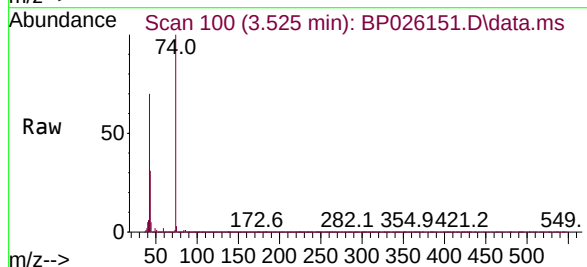
Manual Integrations
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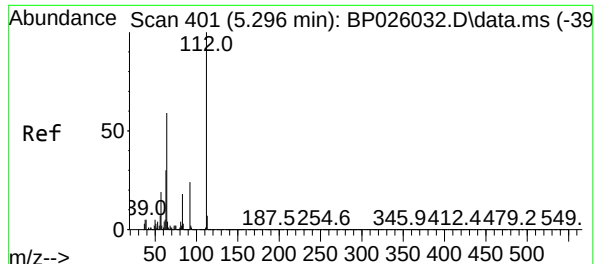
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#4
n-Nitrosodimethylamine
Concen: 39.942 ng
RT: 3.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion: 42 Resp: 394191
Ion Ratio Lower Upper
42 100
74 143.8 118.1 177.1
44 7.3 6.2 9.4





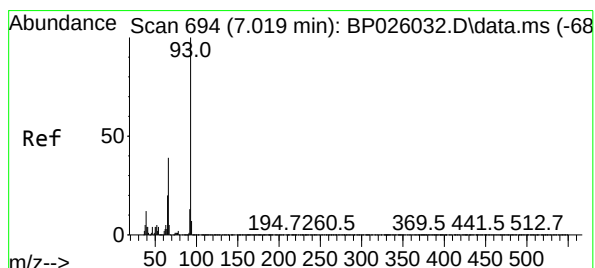
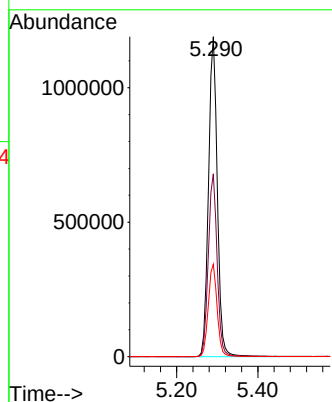
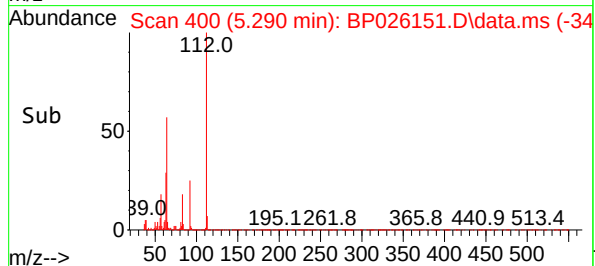
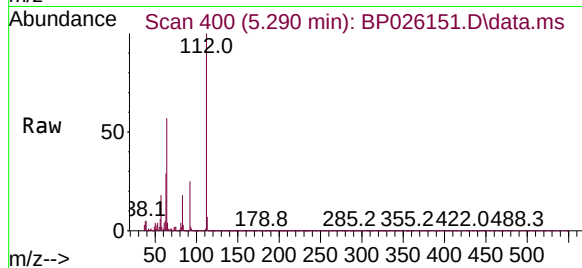
#5
2-Fluorophenol
Concen: 79.929 ng
RT: 5.290 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Tgt Ion:112 Resp: 1800651
Ion Ratio Lower Upper
112 100
64 57.1 45.8 68.6
63 28.9 23.5 35.3

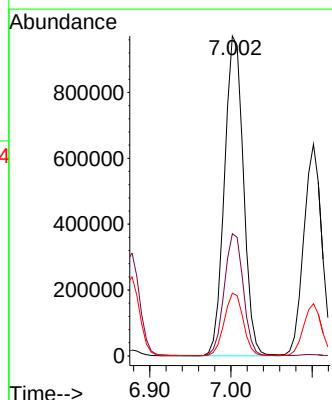
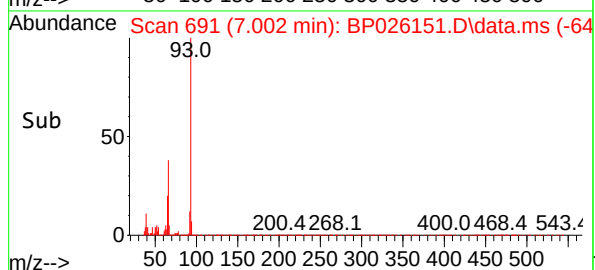
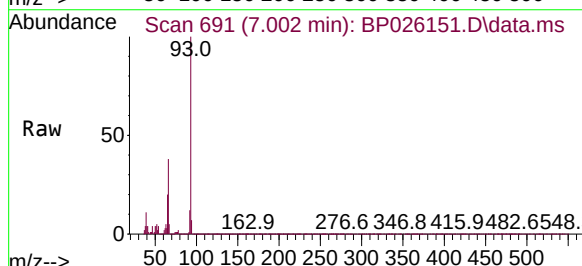
Manual Integrations
APPROVED

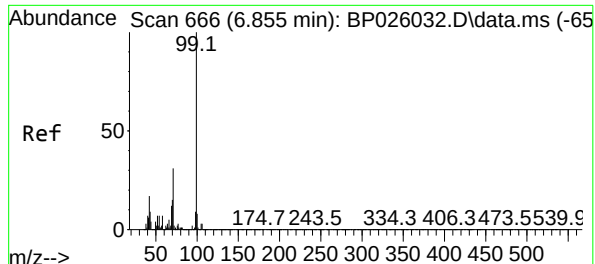
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#6
Aniline
Concen: 41.740 ng
RT: 7.002 min Scan# 691
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion: 93 Resp: 1580563
Ion Ratio Lower Upper
93 100
66 38.2 31.7 47.5
65 19.6 15.8 23.6





#7

Phenol-d6

Concen: 84.094 ng

RT: 6.855 min Scan# 60

Delta R.T. 0.000 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

Instrument :

BNA_P

ClientSampleId :

ICVBP111825

Tgt Ion: 99 Resp: 2411815

Ion Ratio Lower Upper

99 100

42 16.2 12.9 19.3

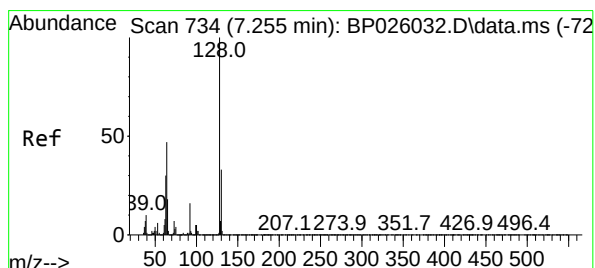
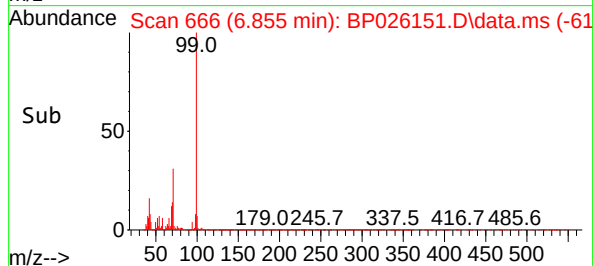
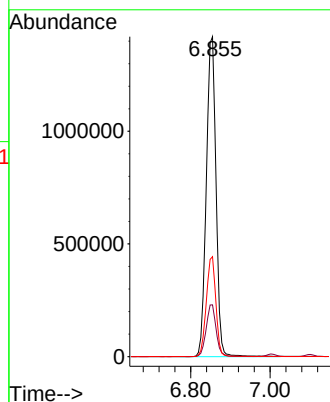
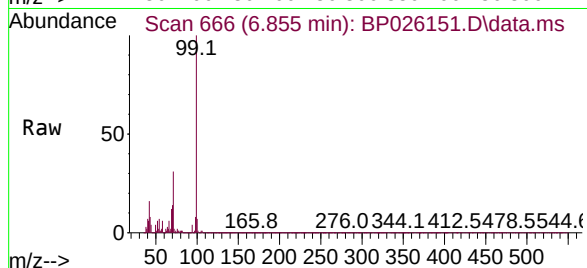
71 31.2 24.8 37.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#8

2-Chlorophenol

Concen: 41.146 ng

RT: 7.243 min Scan# 732

Delta R.T. 0.000 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

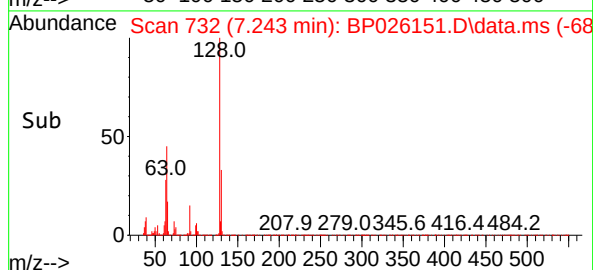
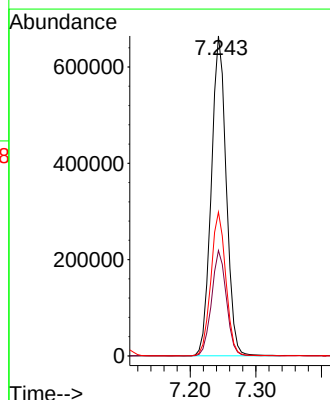
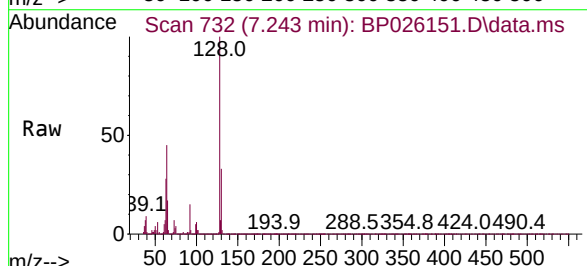
Tgt Ion:128 Resp: 1055115

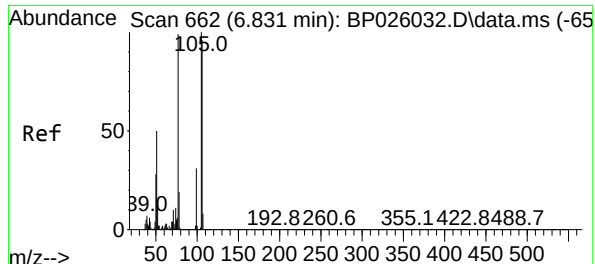
Ion Ratio Lower Upper

128 100

130 32.9 12.4 52.4

64 44.9 23.9 63.9





#9

Benzaldehyde

Concen: 45.618 ng

RT: 6.819 min Scan# 60

Delta R.T. 0.000 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

Instrument :

BNA_P

ClientSampleId :

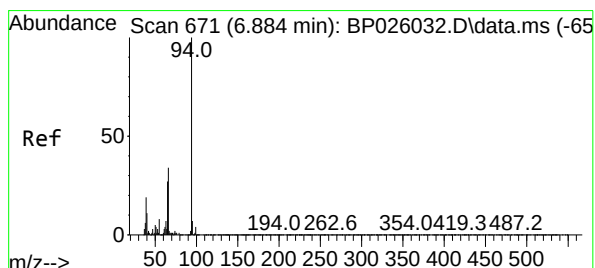
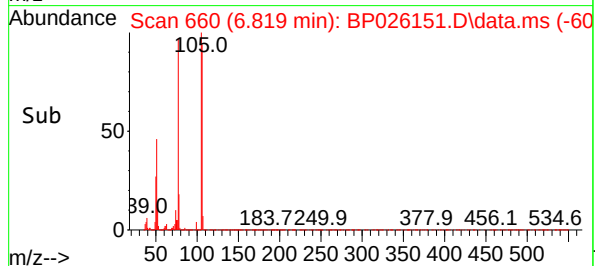
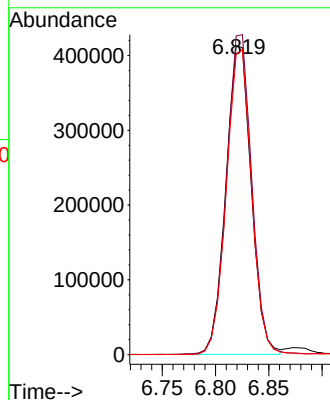
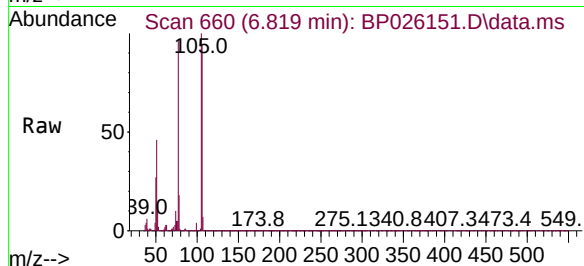
ICVBP111825

Tgt Ion: 77	Resp: 68561
Ion Ratio	Lower Upper
77 100	
105 103.2	82.9 122.9
106 97.1	77.8 117.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#10

Phenol

Concen: 42.060 ng

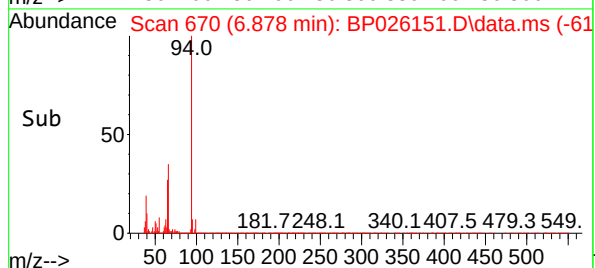
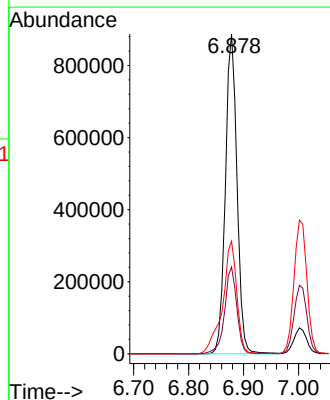
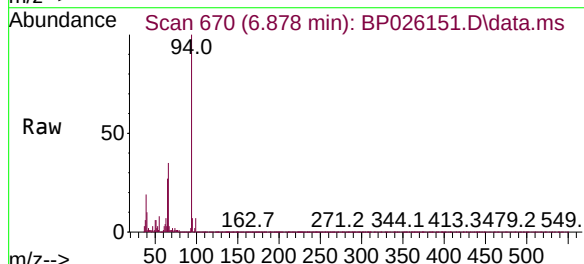
RT: 6.878 min Scan# 670

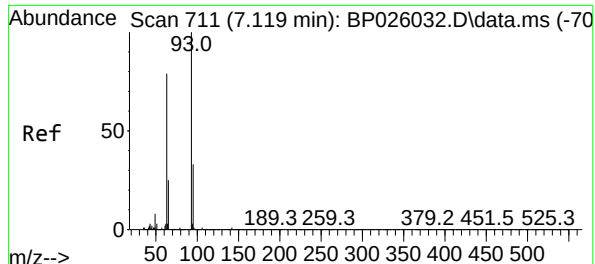
Delta R.T. 0.000 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

Tgt Ion: 94	Resp: 1299478
Ion Ratio	Lower Upper
94 100	
65 27.1	7.0 47.0
66 35.2	14.5 54.5





#11

bis(2-Chloroethyl)ether

Concen: 41.067 ng

RT: 7.102 min Scan# 70

Delta R.T. 0.006 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

Instrument :

BNA_P

ClientSampleId :

ICVBP111825

Tgt Ion: 93 Resp: 993460

Ion Ratio Lower Upper

93 100

63 76.9 58.8 98.8

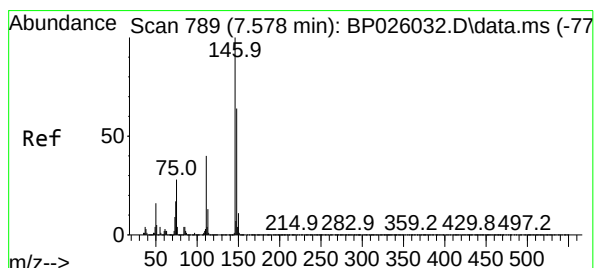
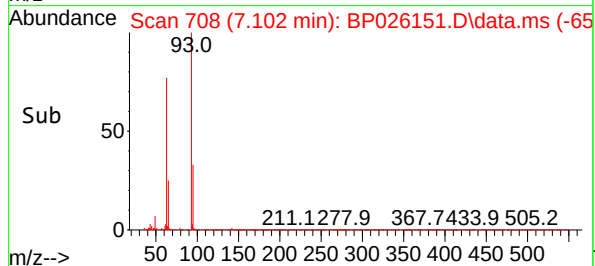
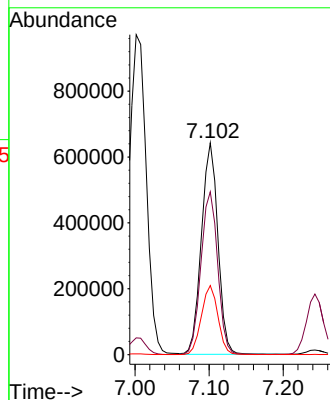
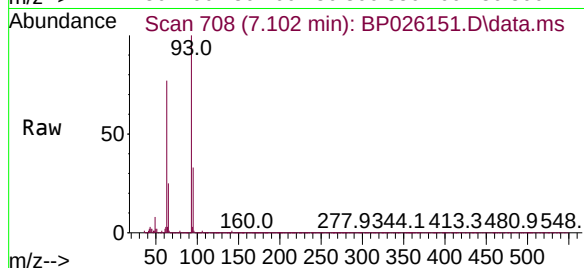
95 32.6 12.1 52.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#12

1,3-Dichlorobenzene

Concen: 39.587 ng

RT: 7.566 min Scan# 787

Delta R.T. 0.000 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

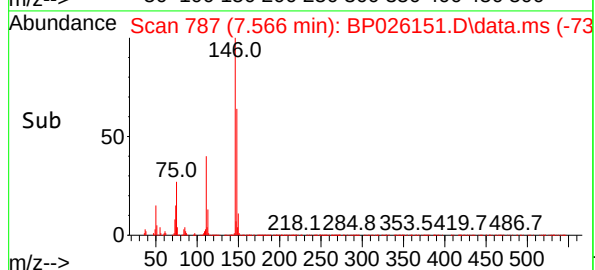
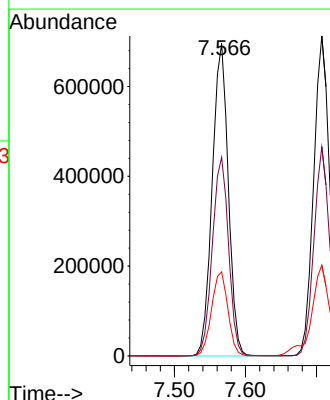
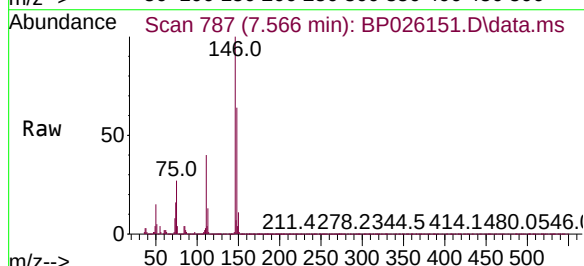
Tgt Ion:146 Resp: 1093655

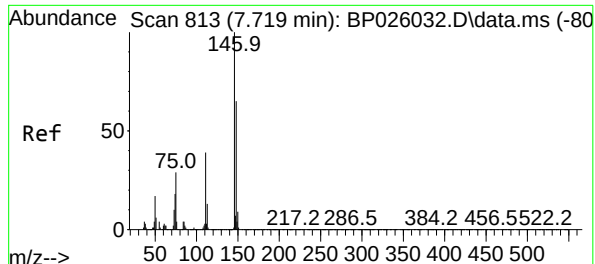
Ion Ratio Lower Upper

146 100

148 63.5 51.8 77.8

75 26.9 22.2 33.2





#13

1,4-Dichlorobenzene

Concen: 39.742 ng

RT: 7.708 min Scan# 811

Delta R.T. 0.006 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

Instrument :

BNA_P

ClientSampleId :

ICVBP111825

Tgt Ion:146 Resp: 110634

Ion Ratio Lower Upper

146 100

148 65.3 51.4 77.2

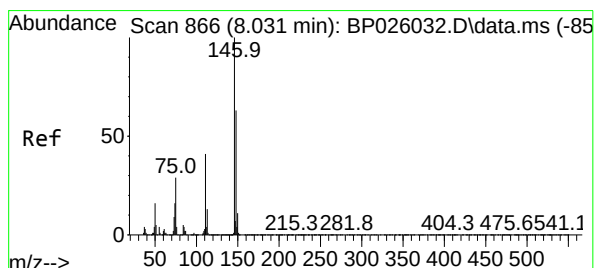
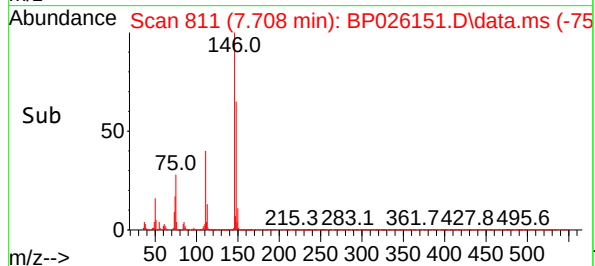
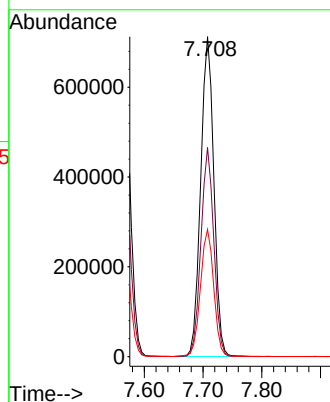
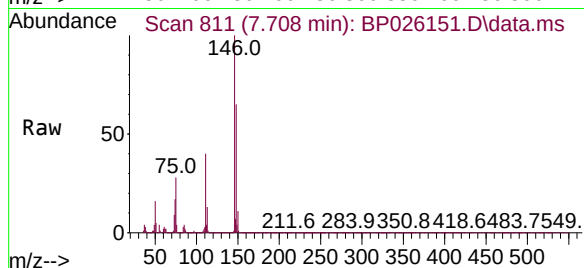
111 39.7 31.7 47.5

Manual Integrations

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Supervised By :Sohil Jodhani 11/19/2025



#14

1,2-Dichlorobenzene

Concen: 40.516 ng

RT: 8.019 min Scan# 864

Delta R.T. 0.006 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

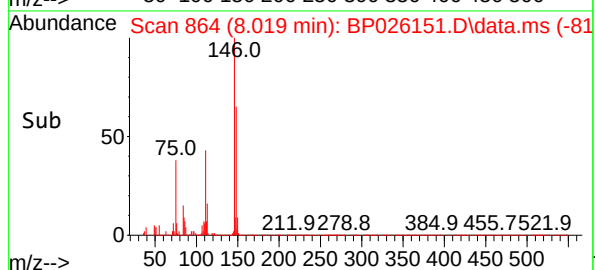
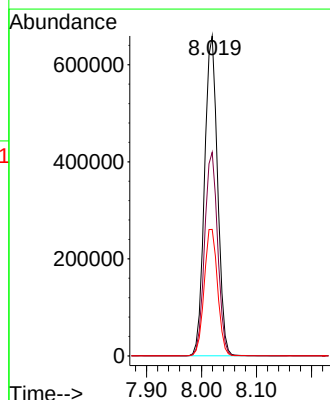
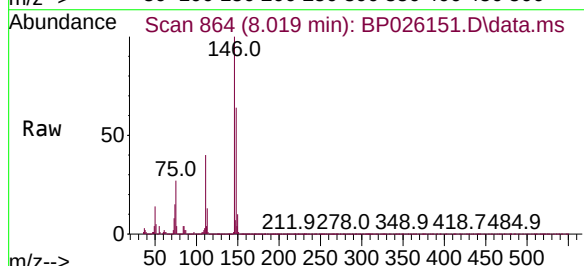
Tgt Ion:146 Resp: 1083058

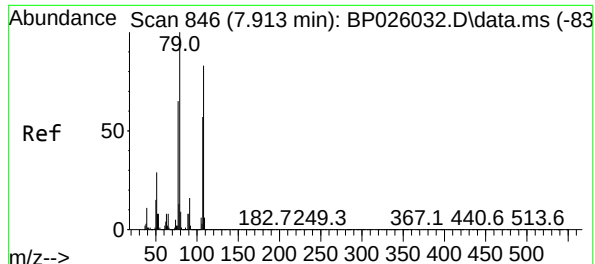
Ion Ratio Lower Upper

146 100

148 63.6 51.0 76.6

111 39.5 33.0 49.4





#15

Benzyl Alcohol

Concen: 42.414 ng

RT: 7.908 min Scan# 846

Delta R.T. 0.000 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

Instrument :

BNA_P

ClientSampleId :

ICVBP111825

Tgt Ion: 79 Resp: 891170

Ion Ratio Lower Upper

79 100

108 83.2 66.2 99.4

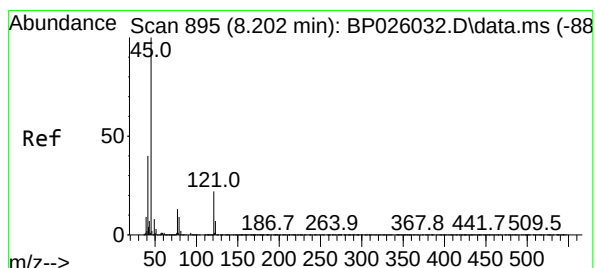
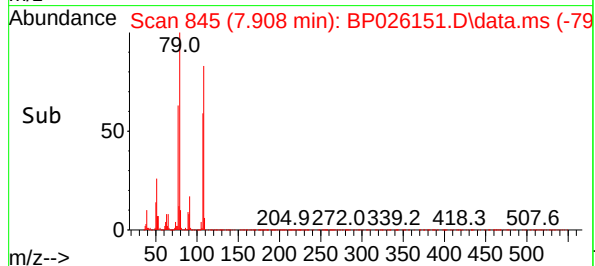
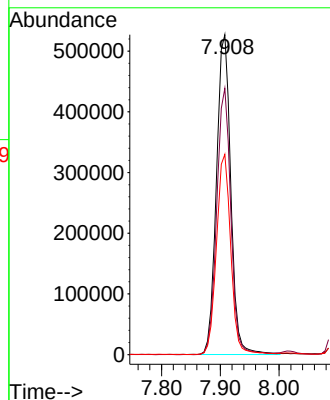
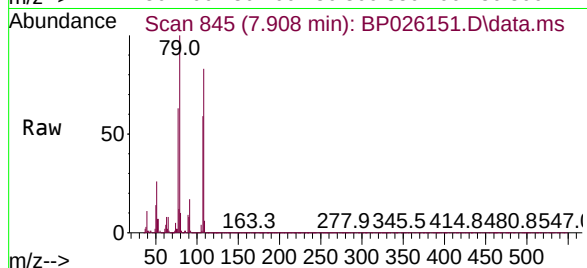
77 62.6 50.0 75.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.794 ng

RT: 8.202 min Scan# 895

Delta R.T. 0.006 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

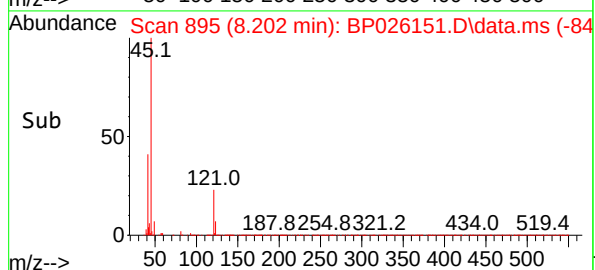
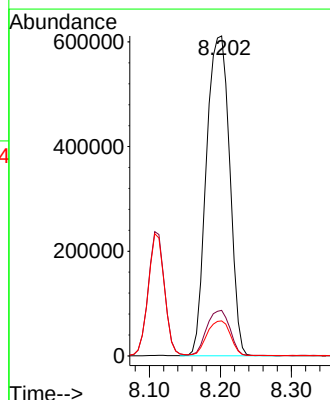
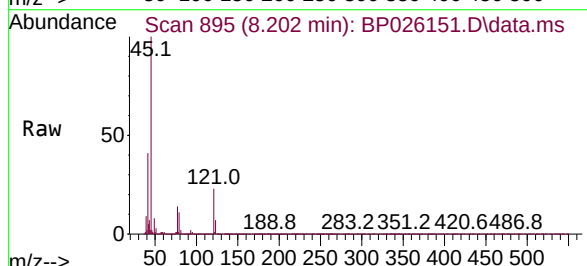
Tgt Ion: 45 Resp: 1385943

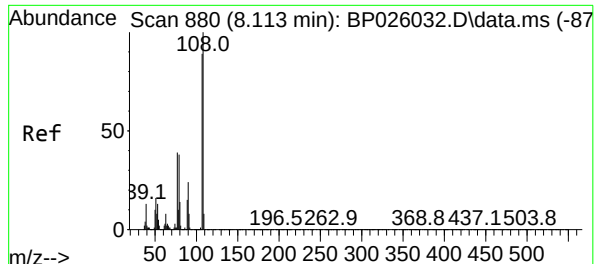
Ion Ratio Lower Upper

45 100

77 14.2 0.0 33.9

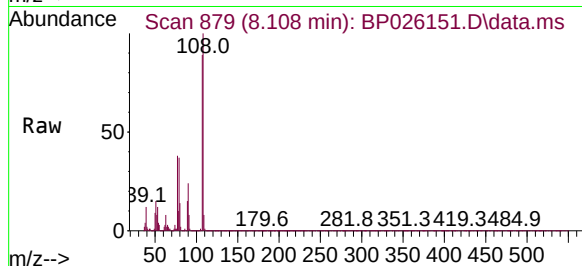
79 10.9 0.0 30.4





#17
2-Methylphenol
Concen: 42.532 ng
RT: 8.108 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

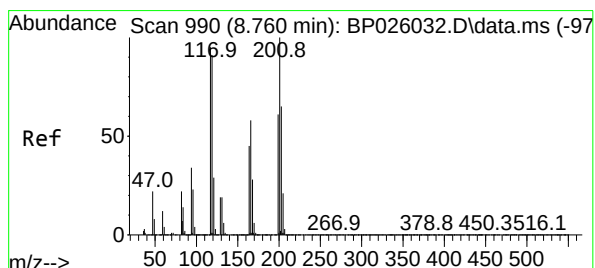
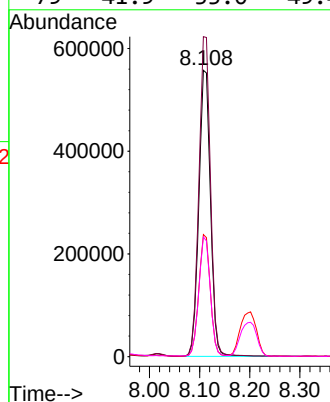
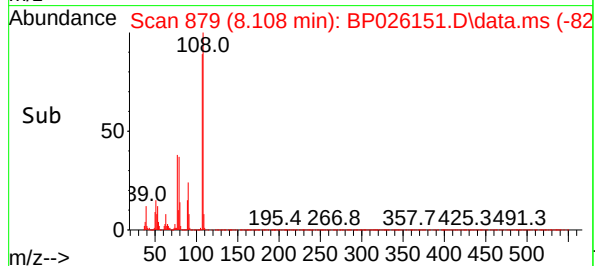
Instrument :
BNA_P
ClientSampleId :
ICVBP111825



Tgt Ion:107 Resp: 894546
Ion Ratio Lower Upper
107 100
108 111.8 89.7 134.5
77 42.6 33.9 50.9
79 41.9 33.0 49.4

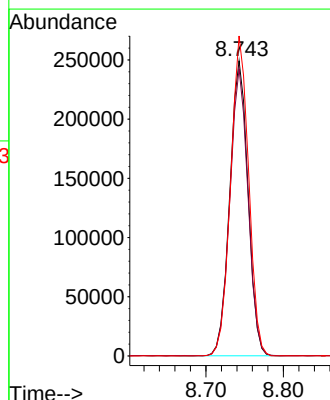
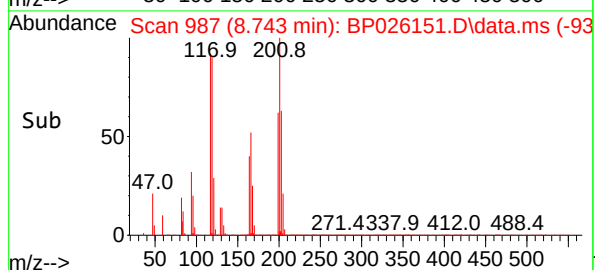
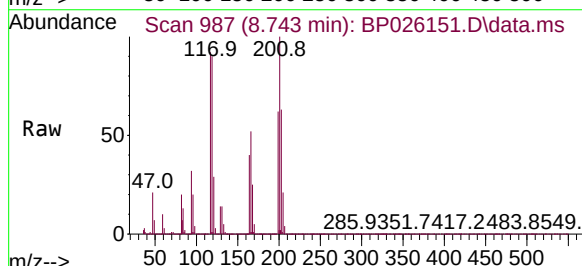
Manual Integrations
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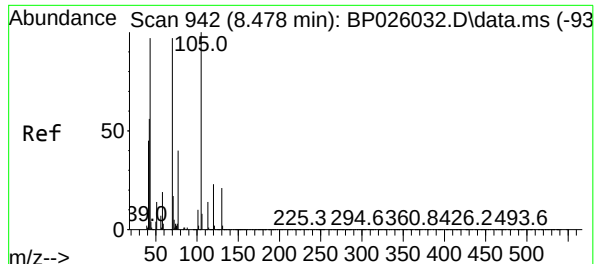
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#18
Hexachloroethane
Concen: 40.466 ng
RT: 8.743 min Scan# 987
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:117 Resp: 409876
Ion Ratio Lower Upper
117 100
119 97.2 78.7 118.1
201 108.4 85.1 127.7





#19

n-Nitroso-di-n-propylamine

Concen: 43.311 ng

RT: 8.472 min Scan# 94

Delta R.T. 0.000 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

Instrument :

BNA_P

ClientSampleId :

ICVBP111825

Tgt Ion: 70 Resp: 771683

Ion Ratio Lower Upper

70 100

42 55.8 44.1 66.1

101 10.5 8.2 12.4

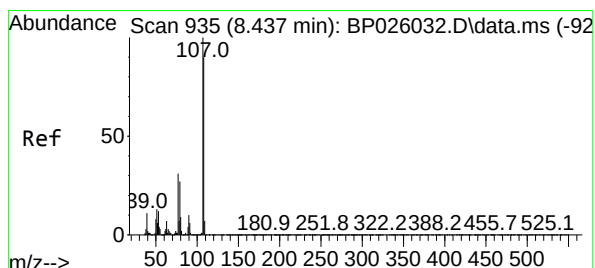
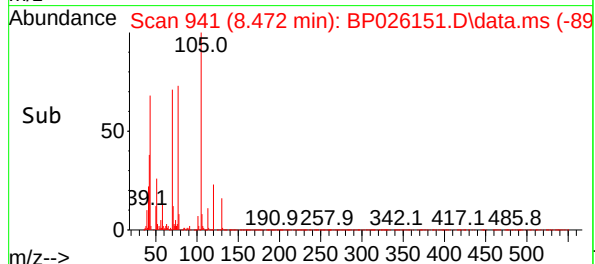
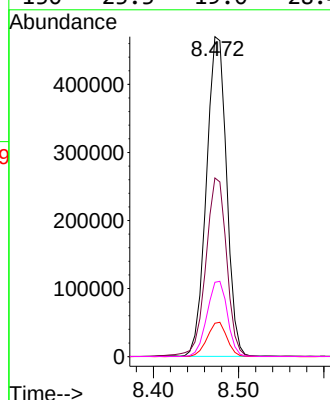
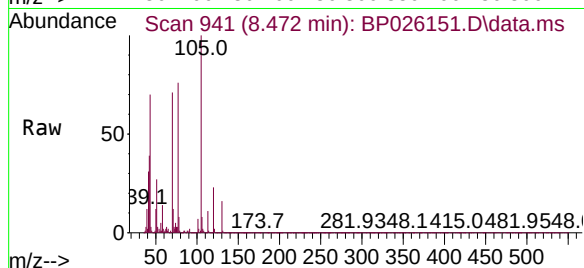
130 23.3 19.0 28.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#20

3+4-Methylphenols

Concen: 42.486 ng

RT: 8.437 min Scan# 935

Delta R.T. 0.000 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

Tgt Ion:107 Resp: 1238228

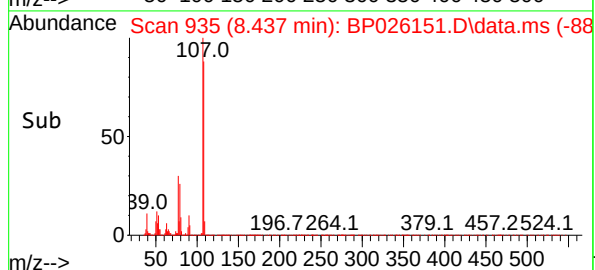
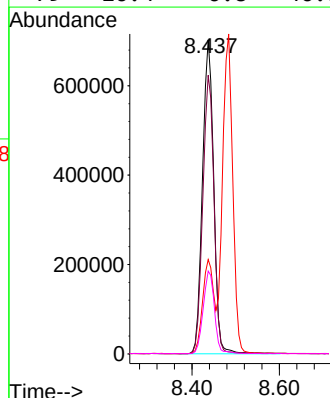
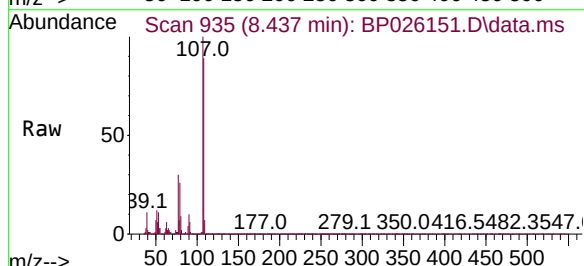
Ion Ratio Lower Upper

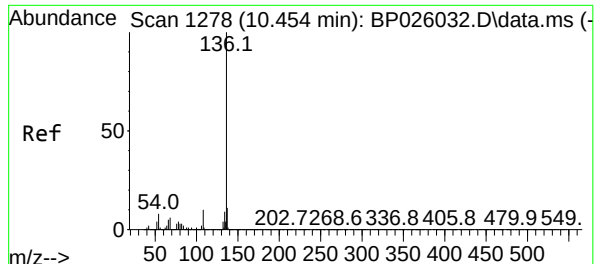
107 100

108 88.8 68.9 108.9

77 30.0 10.4 50.4

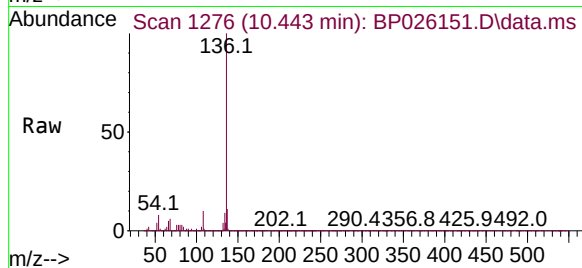
79 26.4 6.8 46.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.443 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

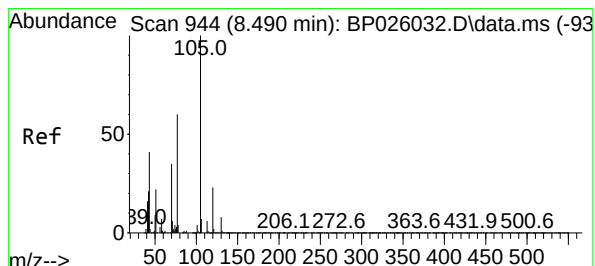
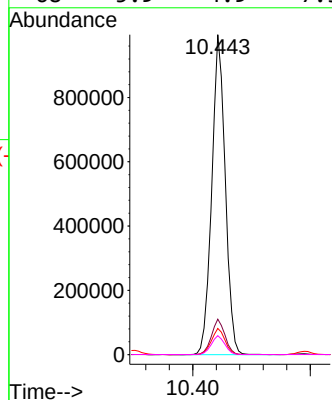
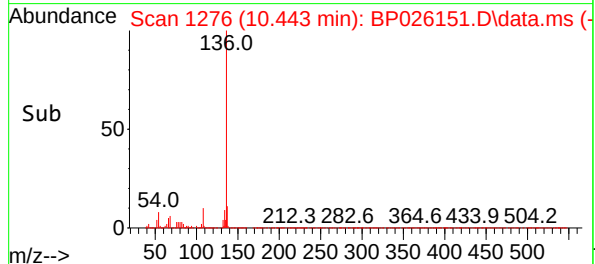
Instrument :
BNA_P
ClientSampleId :
ICVBP111825



Tgt Ion:136 Resp: 1582932
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 8.2 6.4 9.6
68 5.9 4.9 7.3

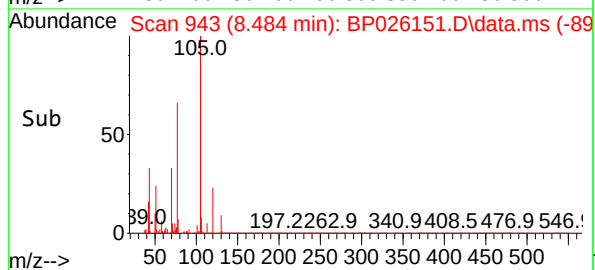
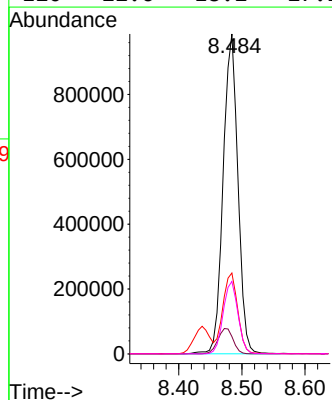
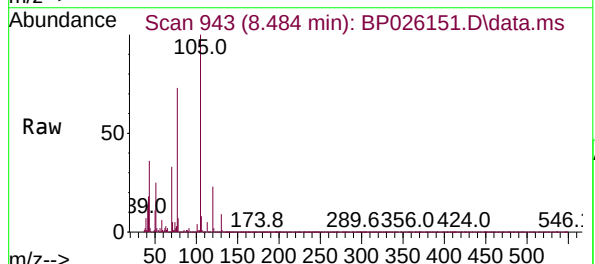
Manual Integrations
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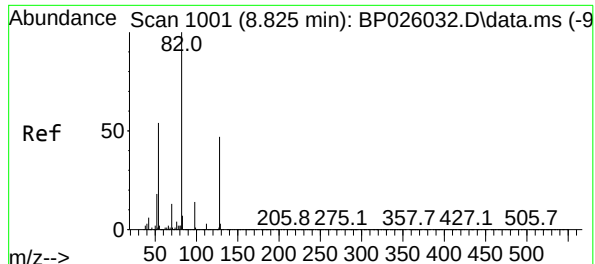
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#22
Acetophenone
Concen: 39.758 ng
RT: 8.484 min Scan# 943
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:105 Resp: 1599641
Ion Ratio Lower Upper
105 100
71 5.4 3.0 4.4#
51 25.3 20.5 30.7
120 22.6 18.2 27.2





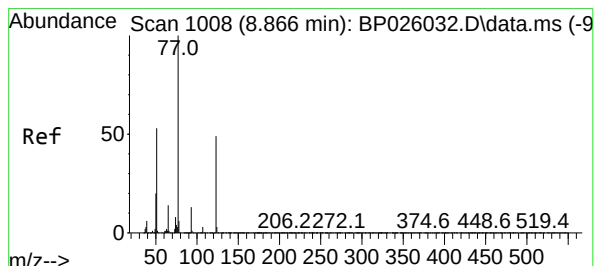
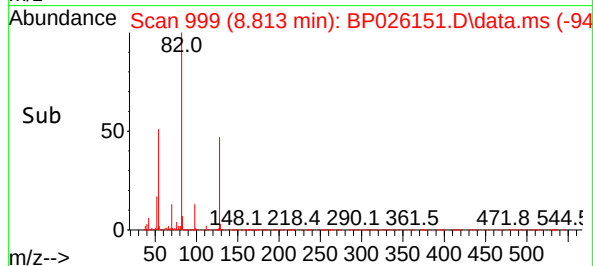
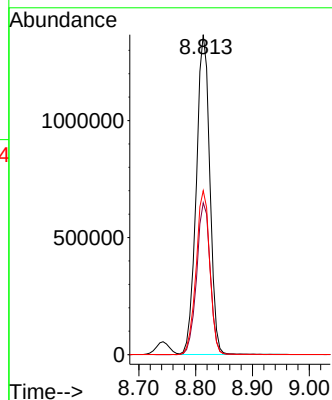
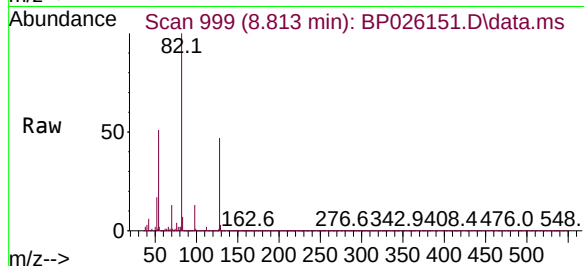
#23
Nitrobenzene-d5
Concen: 80.717 ng
RT: 8.813 min Scan# 99
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Tgt Ion: 82 Resp: 2249363
Ion Ratio Lower Upper
82 100
128 47.4 37.4 56.0
54 51.2 41.6 62.4

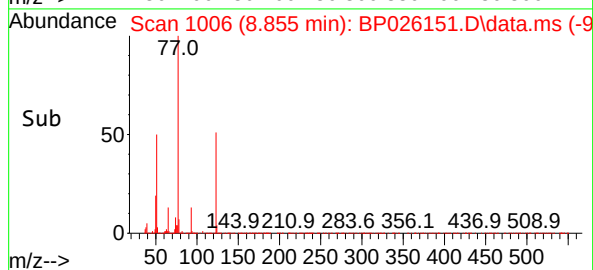
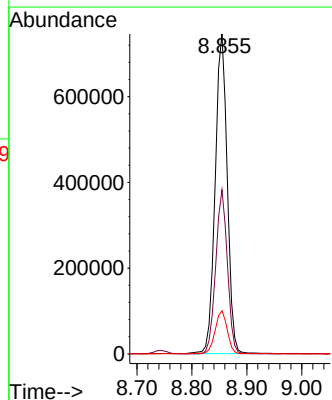
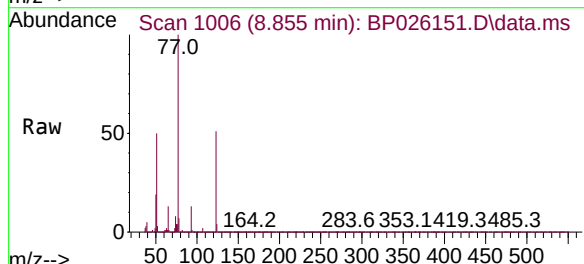
Manual Integrations
APPROVED

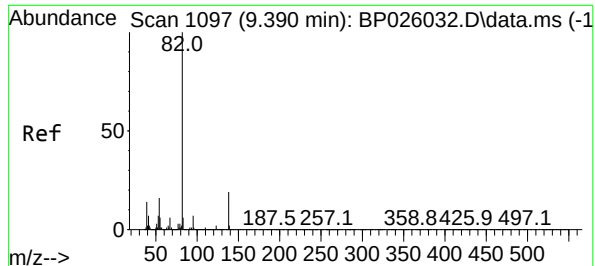
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#24
Nitrobenzene
Concen: 40.166 ng
RT: 8.855 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion: 77 Resp: 1132232
Ion Ratio Lower Upper
77 100
123 51.3 39.8 59.8
65 13.5 11.2 16.8





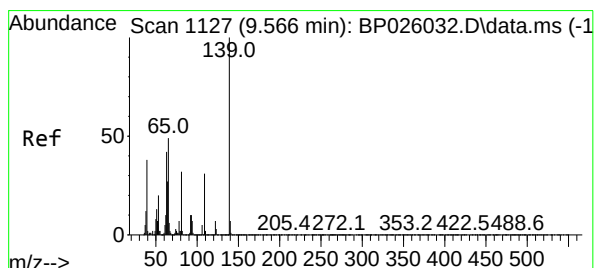
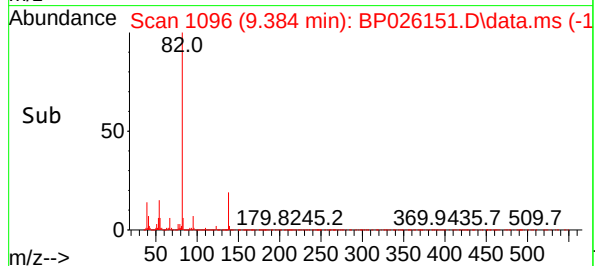
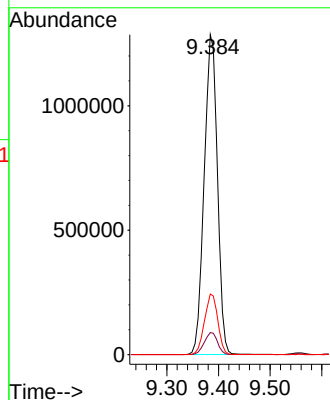
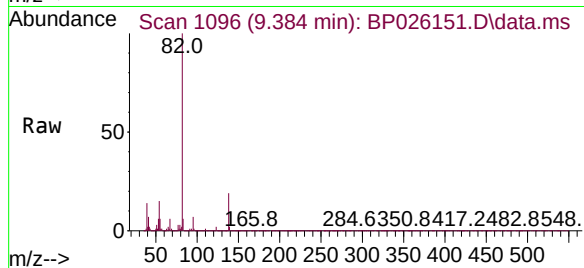
#25
Isophorone
Concen: 41.325 ng
RT: 9.384 min Scan# 1096
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Tgt Ion: 82 Resp: 2283034
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.0
138 18.9 15.4 23.0

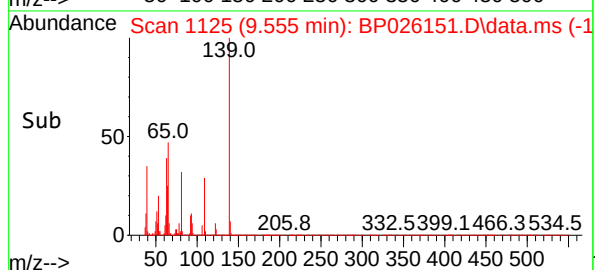
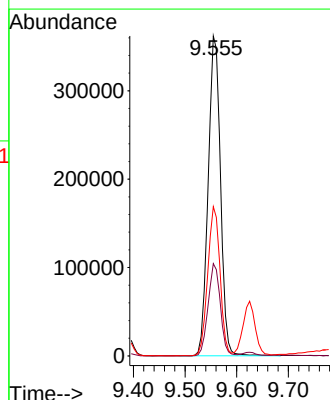
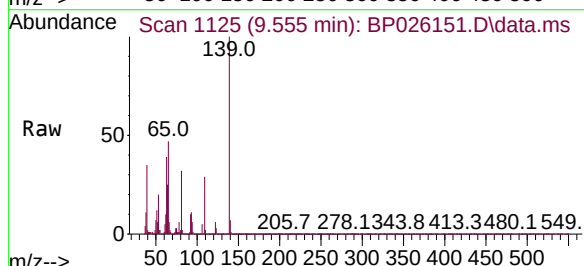
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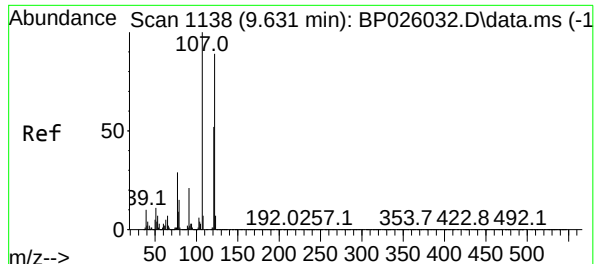
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#26
2-Nitrophenol
Concen: 42.113 ng
RT: 9.555 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:139 Resp: 600692
Ion Ratio Lower Upper
139 100
109 28.8 22.3 33.5
65 46.7 37.2 55.8





#27

2,4-Dimethylphenol

Concen: 40.595 ng

RT: 9.625 min Scan# 1137

Delta R.T. 0.000 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

Instrument :

BNA_P

ClientSampleId :

ICVBP111825

Tgt Ion:122 Resp: 1044113

Ion Ratio Lower Upper

122 100

107 112.7 91.0 136.6

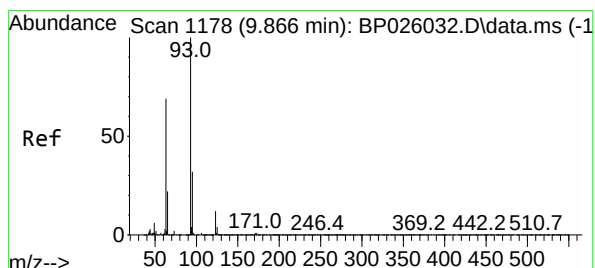
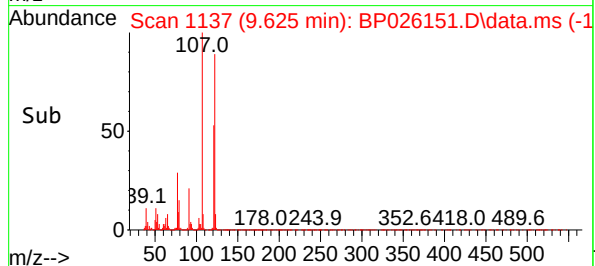
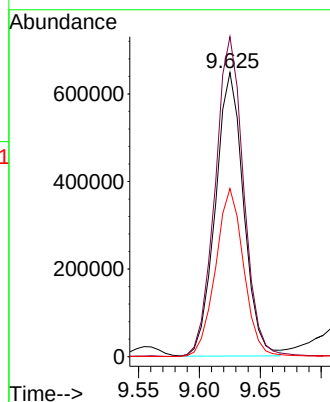
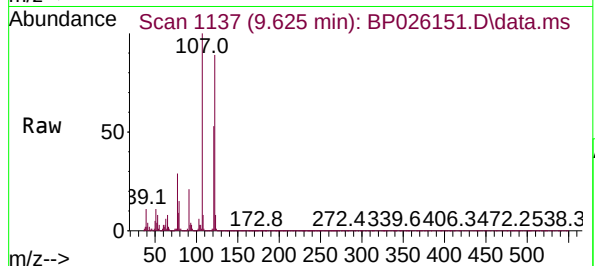
121 59.2 47.0 70.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#28

bis(2-Chloroethoxy)methane

Concen: 40.412 ng

RT: 9.854 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

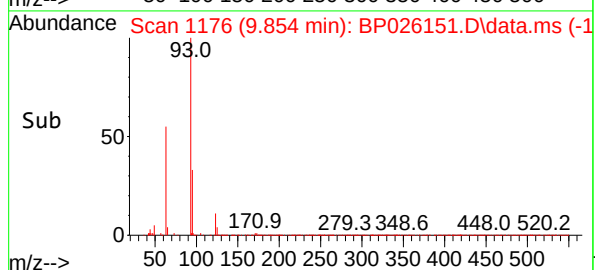
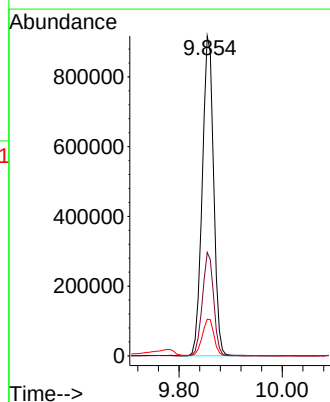
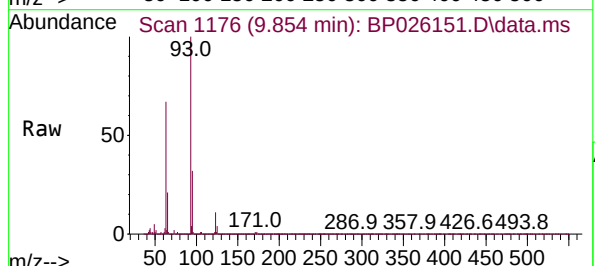
Tgt Ion: 93 Resp: 1398232

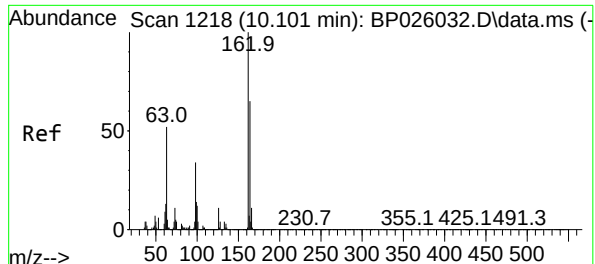
Ion Ratio Lower Upper

93 100

95 32.3 26.4 39.6

123 11.5 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 41.185 ng

RT: 10.096 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

Instrument :

BNA_P

ClientSampleId :

ICVBP111825

Tgt Ion:162 Resp: 1058748

Ion Ratio Lower Upper

162 100

164 64.1 43.8 83.8

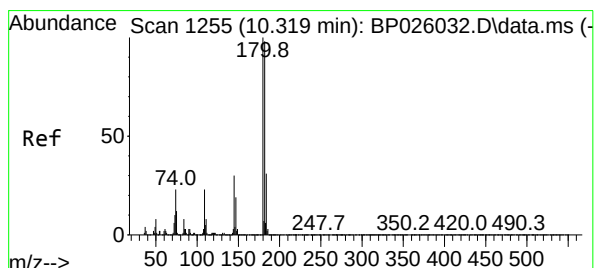
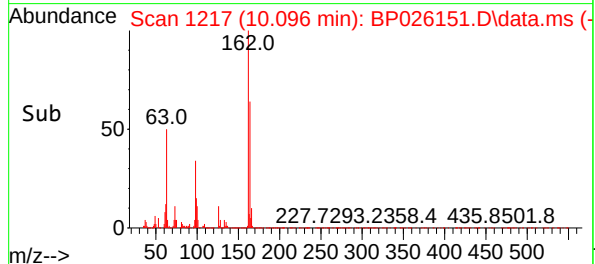
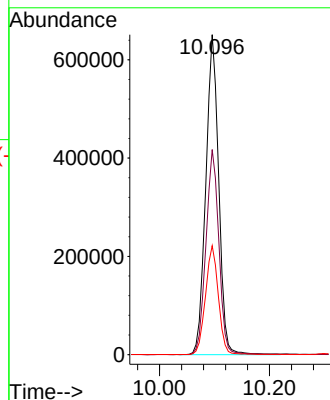
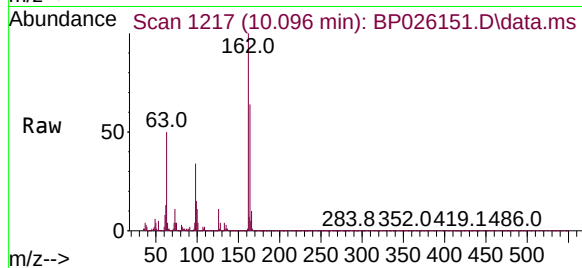
98 34.0 14.1 54.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#30

1,2,4-Trichlorobenzene

Concen: 39.515 ng

RT: 10.302 min Scan# 1252

Delta R.T. -0.006 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

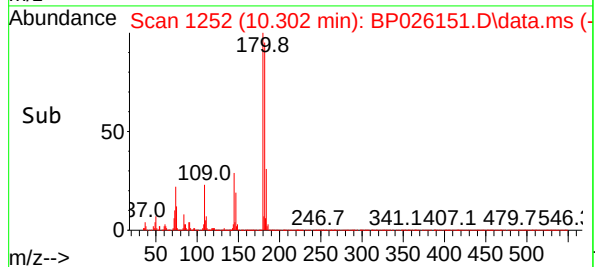
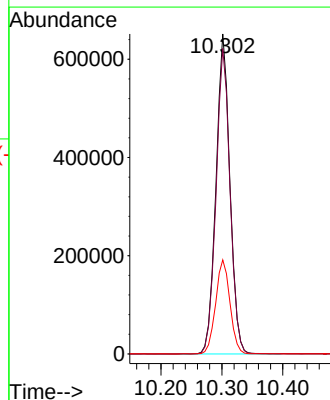
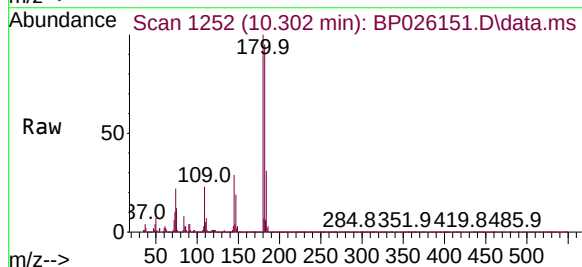
Tgt Ion:180 Resp: 1034416

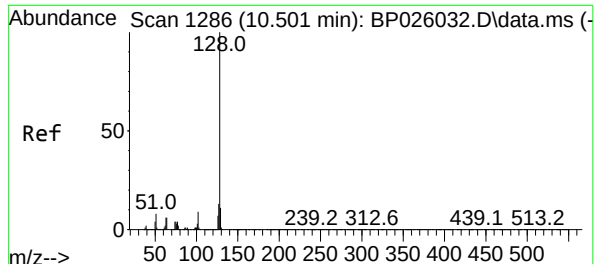
Ion Ratio Lower Upper

180 100

182 95.4 78.1 117.1

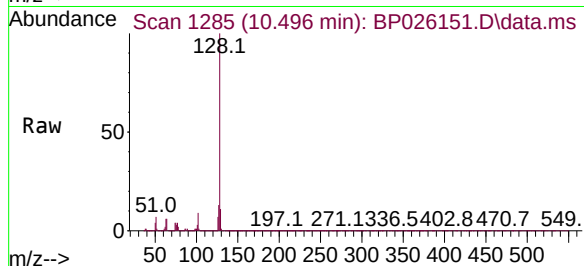
145 29.4 24.2 36.4





#31
Naphthalene
Concen: 39.543 ng
RT: 10.496 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

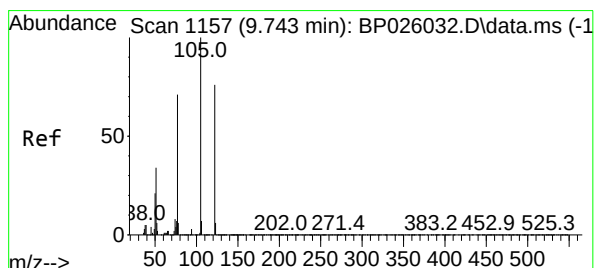
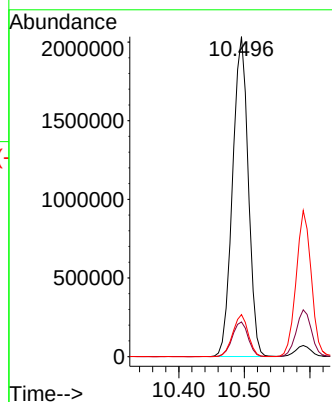
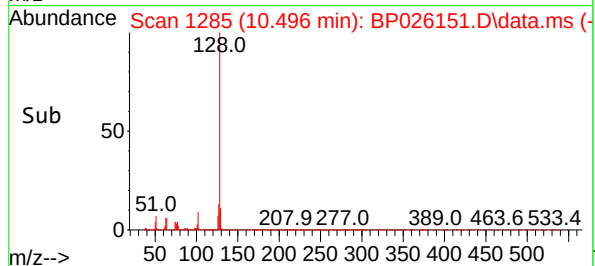
Instrument :
BNA_P
ClientSampleId :
ICVBP111825



Tgt Ion:128 Resp: 338289
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 13.1 10.2 15.4

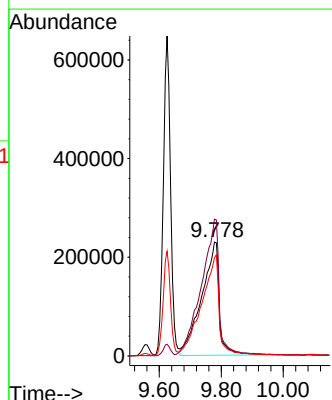
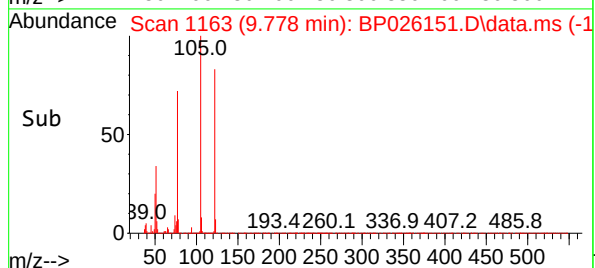
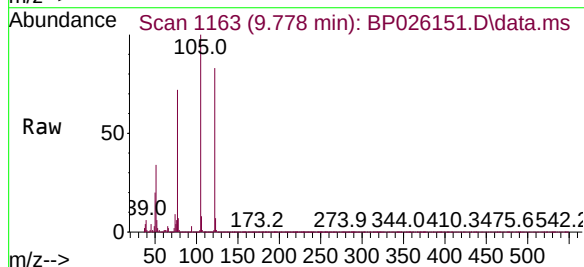
Manual Integrations
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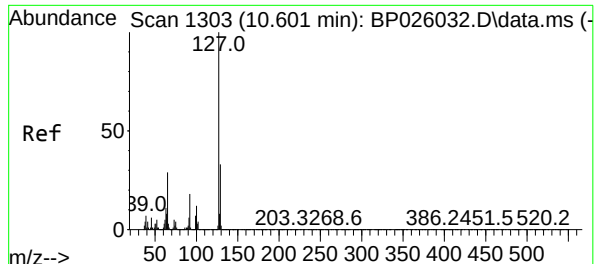
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#32
Benzoic acid
Concen: 42.328 ng
RT: 9.778 min Scan# 1163
Delta R.T. 0.012 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

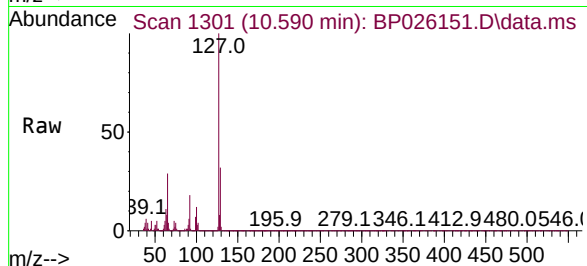
Tgt Ion:122 Resp: 916813
Ion Ratio Lower Upper
122 100
105 120.1 100.1 140.1
77 86.2 66.7 106.7





#33
4-Chloroaniline
Concen: 41.152 ng
RT: 10.590 min Scan# 1301
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

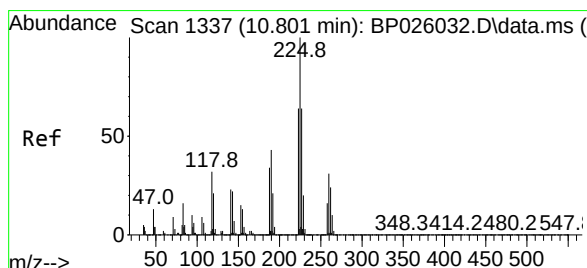
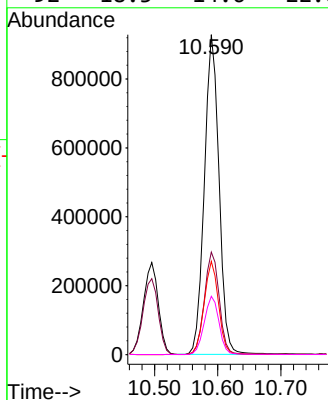
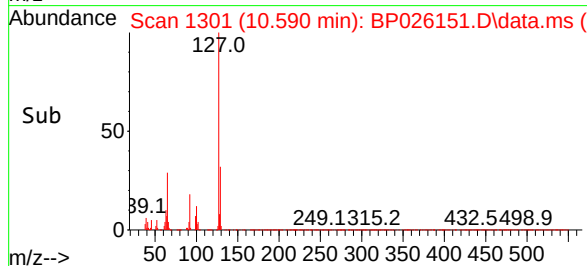
Instrument :
BNA_P
ClientSampleId :
ICVBP111825



Tgt Ion:127 Resp: 1497158
Ion Ratio Lower Upper
127 100
129 32.0 25.8 38.8
65 29.1 22.7 34.1
92 18.3 14.6 22.0

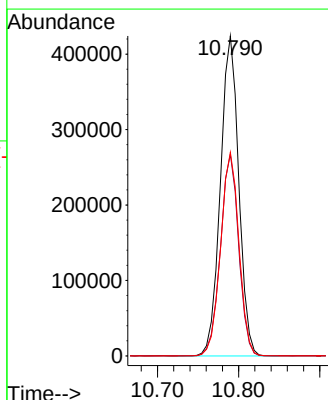
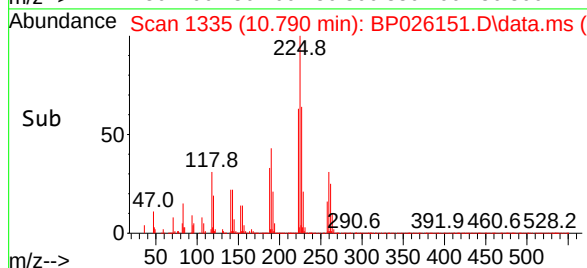
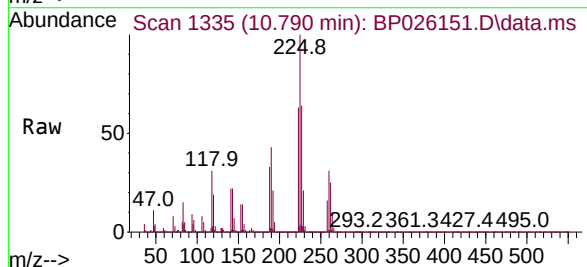
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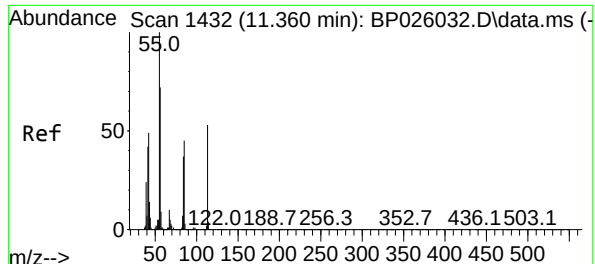
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#34
Hexachlorobutadiene
Concen: 38.979 ng
RT: 10.790 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

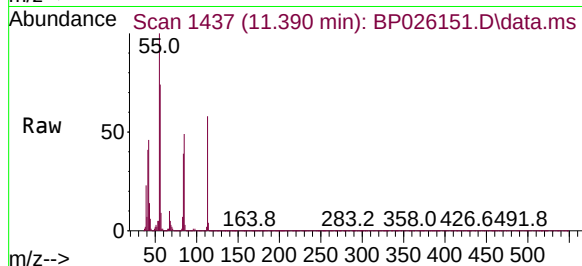
Tgt Ion:225 Resp: 663620
Ion Ratio Lower Upper
225 100
223 63.0 49.6 74.4
227 63.6 51.2 76.8





#35
Caprolactam
Concen: 41.978 ng
RT: 11.390 min Scan# 1437
Delta R.T. 0.012 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

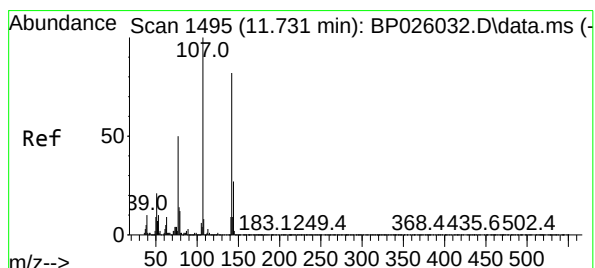
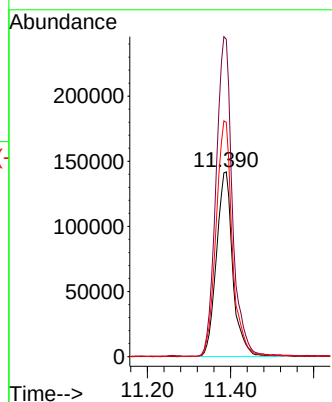
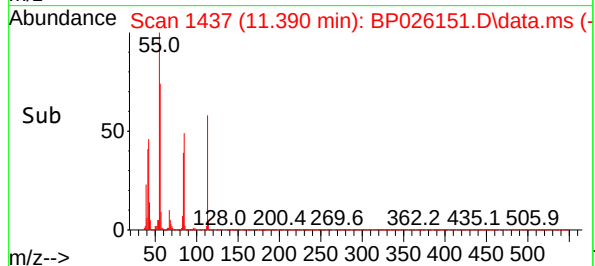
Instrument :
BNA_P
ClientSampleId :
ICVBP111825



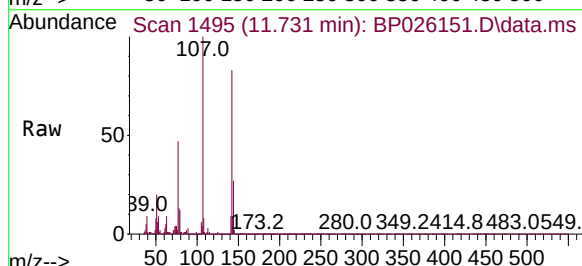
Tgt Ion:113 Resp: 386416
Ion Ratio Lower Upper
113 100
55 171.8 153.0 193.0
56 126.8 106.4 146.4

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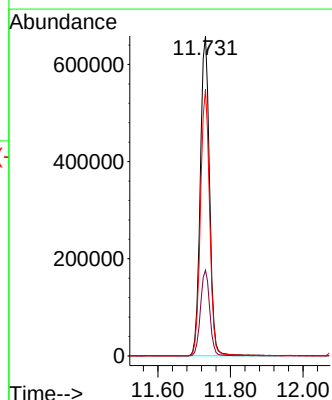
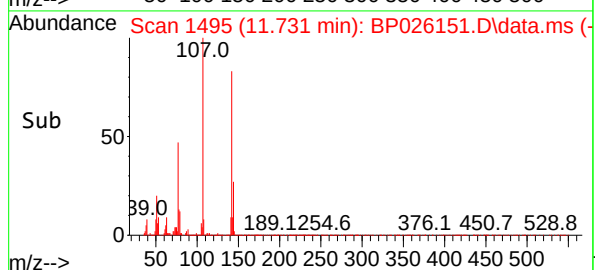
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

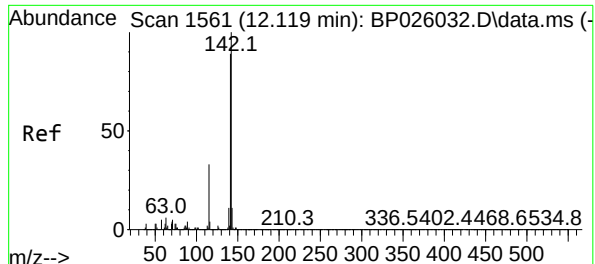


#36
4-Chloro-3-methylphenol
Concen: 42.798 ng
RT: 11.731 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25



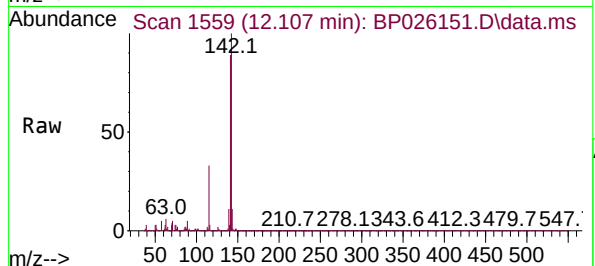
Tgt Ion:107 Resp: 1169352
Ion Ratio Lower Upper
107 100
144 26.8 21.6 32.4
142 83.3 65.6 98.4





#37
2-Methylnaphthalene
Concen: 40.901 ng
RT: 12.107 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

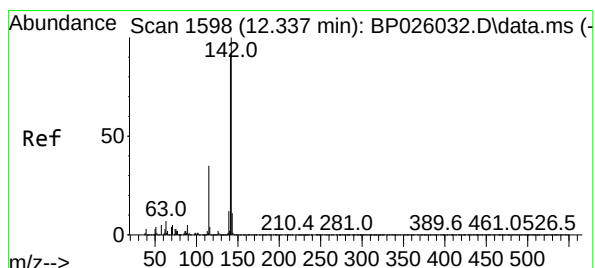
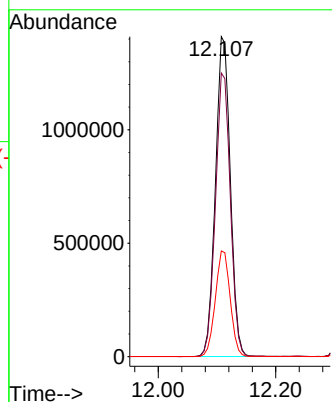
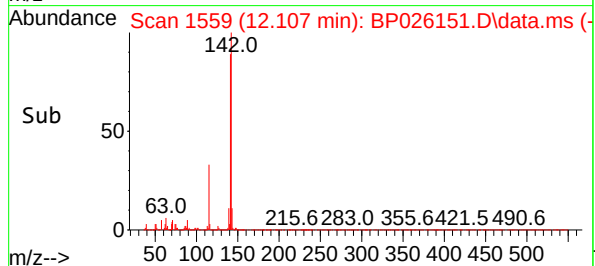
Instrument :
BNA_P
ClientSampleId :
ICVBP111825



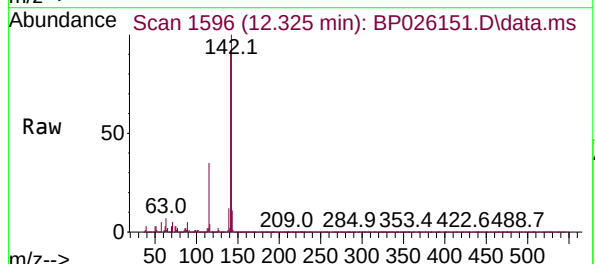
Tgt Ion:142 Resp: 2480618
Ion Ratio Lower Upper
142 100
141 88.6 71.0 106.6
115 33.0 26.6 39.8

Manual Integrations
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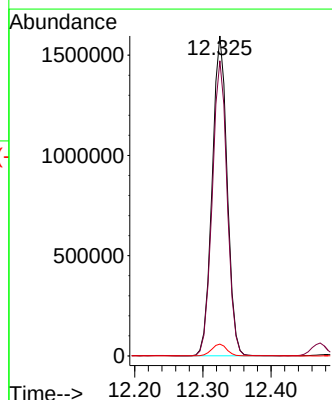
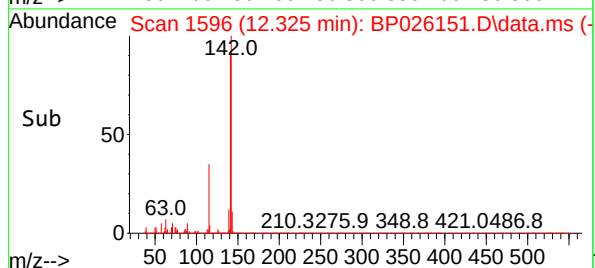
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

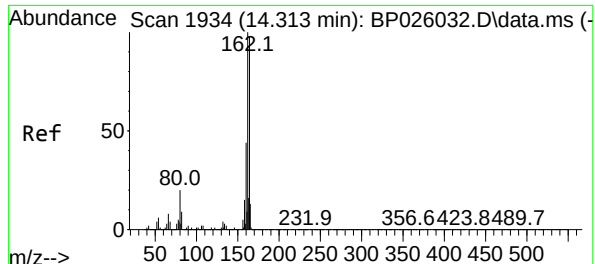


#38
1-Methylnaphthalene
Concen: 41.101 ng
RT: 12.325 min Scan# 1596
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25



Tgt Ion:142 Resp: 2436446
Ion Ratio Lower Upper
142 100
141 92.2 73.5 110.3
116 3.7 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.319 min Scan# 1934

Delta R.T. -0.006 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

Instrument :

BNA_P

ClientSampleId :

ICVBP111825

Tgt Ion:164 Resp: 1060115

Ion Ratio Lower Upper

164 100

162 101.8 80.3 120.5

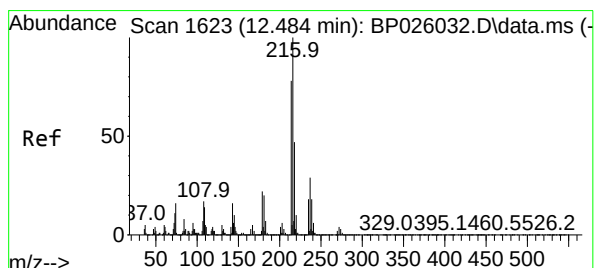
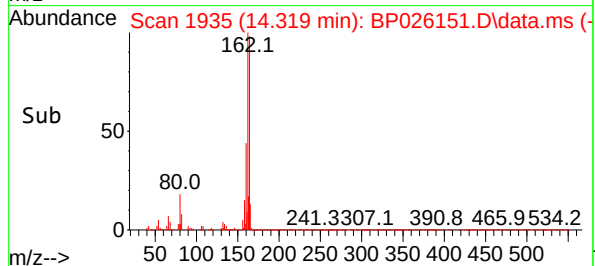
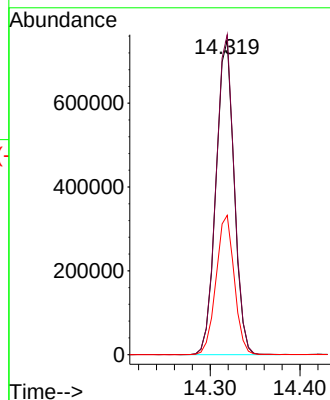
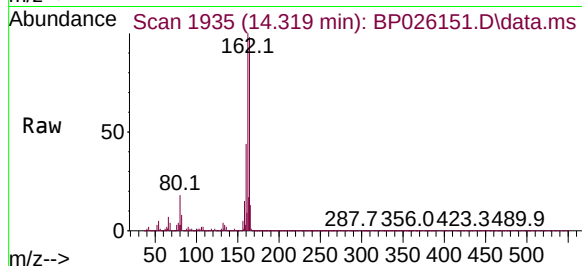
160 44.3 35.2 52.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.653 ng

RT: 12.490 min Scan# 1624

Delta R.T. 0.000 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

Tgt Ion:216 Resp: 1239031

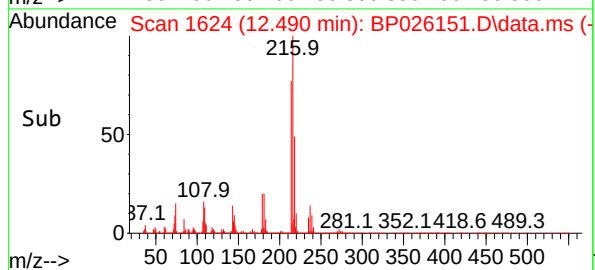
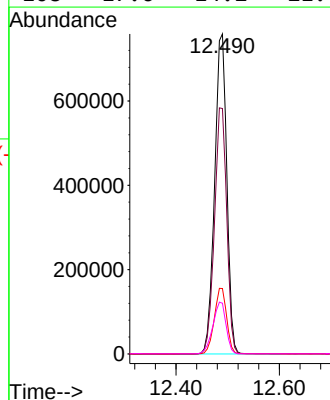
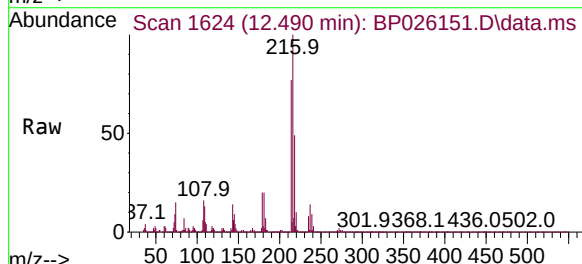
Ion Ratio Lower Upper

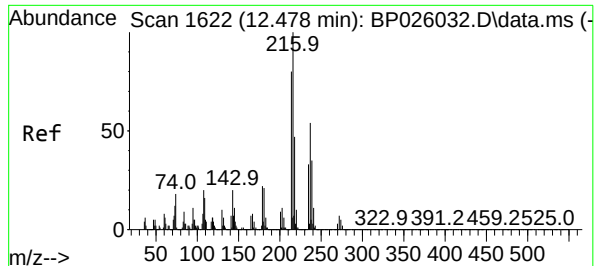
216 100

214 77.5 62.6 94.0

179 20.8 16.6 25.0

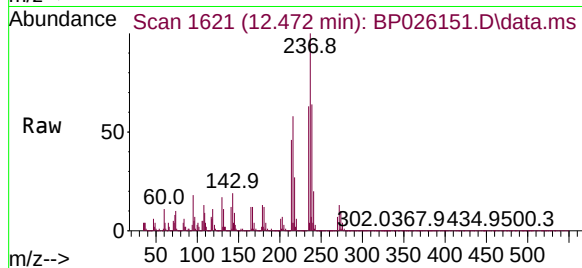
108 17.6 14.2 21.4





#41
Hexachlorocyclopentadiene
Concen: 39.451 ng
RT: 12.472 min Scan# 1622
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

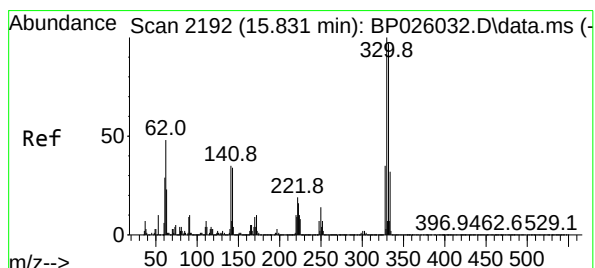
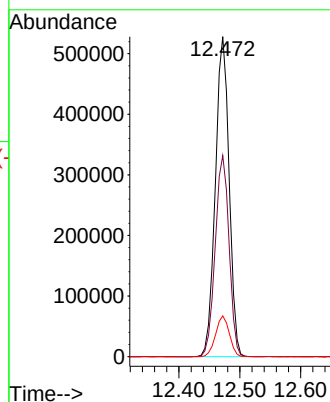
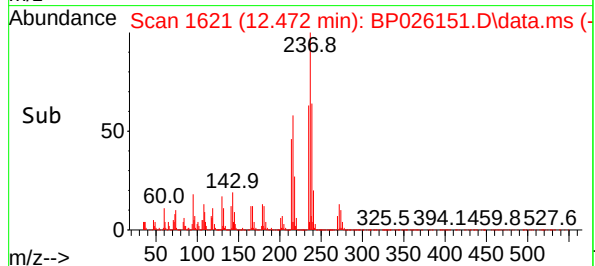
Instrument :
BNA_P
ClientSampleId :
ICVBP111825



Tgt Ion: 237 Resp: 827636
Ion Ratio Lower Upper
237 100
235 62.8 43.3 83.3
272 12.7 0.0 32.9

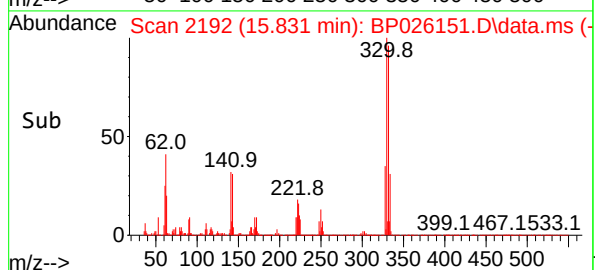
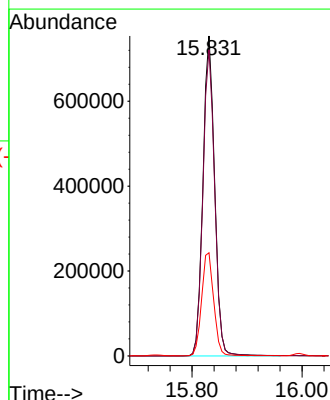
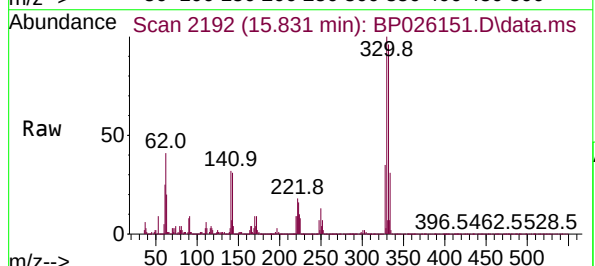
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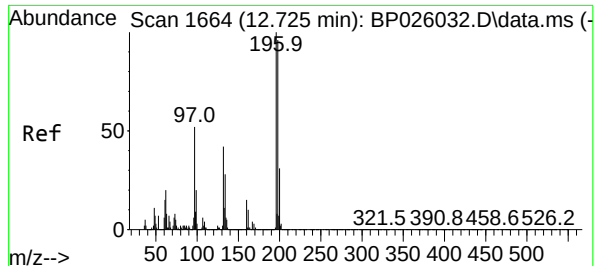
Reviewed By : Jagrut Upadhyay 11/19/2025
Supervised By : Sohil Jodhani 11/19/2025



#42
2,4,6-Tribromophenol
Concen: 80.522 ng
RT: 15.831 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion: 330 Resp: 1107358
Ion Ratio Lower Upper
330 100
332 96.5 78.0 117.0
141 33.5 26.8 40.2





#43

2,4,6-Trichlorophenol

Concen: 40.482 ng

RT: 12.725 min Scan# 1664

Delta R.T. 0.000 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

Instrument :

BNA_P

ClientSampleId :

ICVBP111825

Tgt Ion:196 Resp: 889628

Ion Ratio Lower Upper

196 100

198 96.1 76.9 115.3

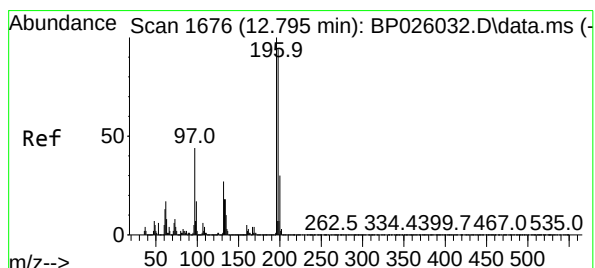
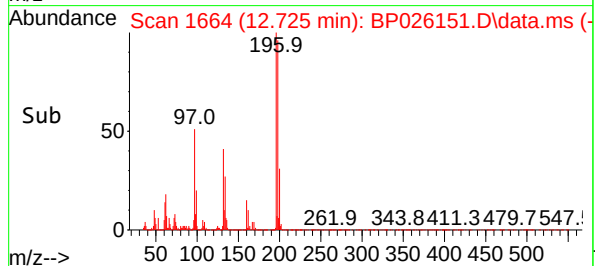
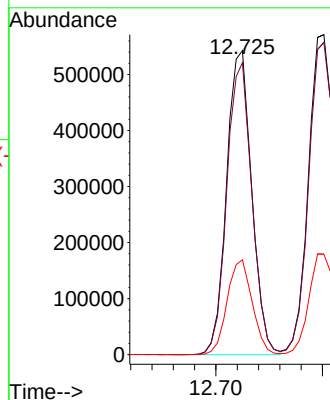
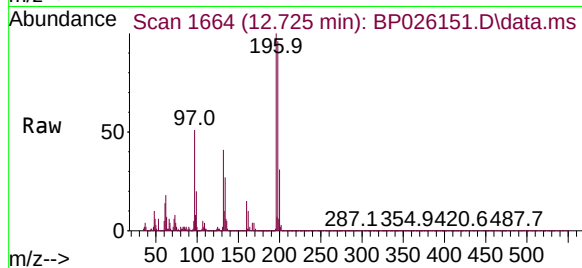
200 31.2 24.6 37.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#44

2,4,5-Trichlorophenol

Concen: 40.200 ng

RT: 12.801 min Scan# 1677

Delta R.T. 0.000 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

Tgt Ion:196 Resp: 986131

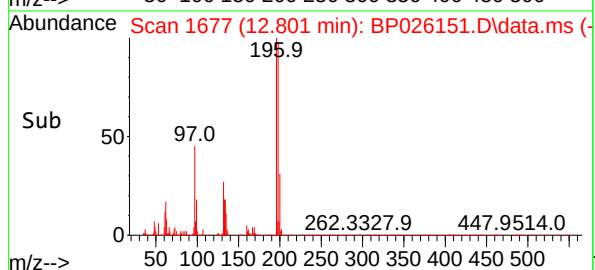
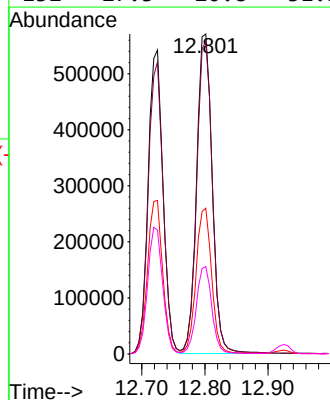
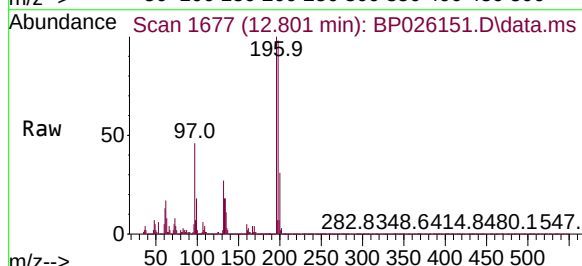
Ion Ratio Lower Upper

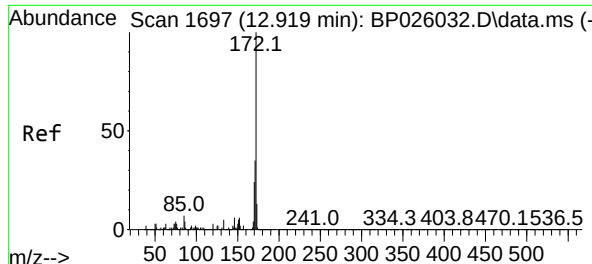
196 100

198 97.6 76.4 114.6

97 45.5 35.7 53.5

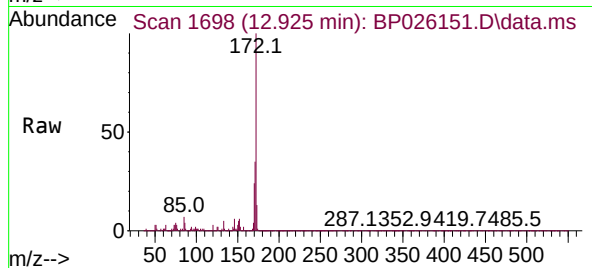
132 27.3 20.8 31.2





#45
2-Fluorobiphenyl
Concen: 76.016 ng
RT: 12.925 min Scan# 1698
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

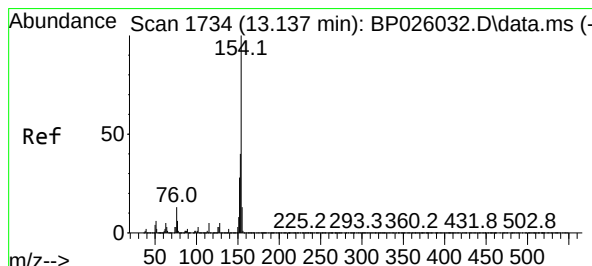
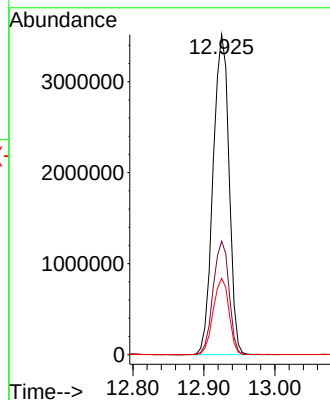
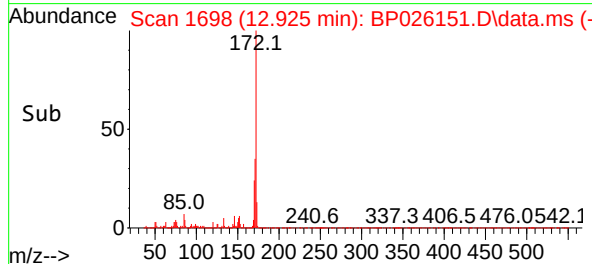
Instrument :
BNA_P
ClientSampleId :
ICVBP111825



Tgt Ion:172 Resp: 549847
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.4
170 23.8 18.7 28.1

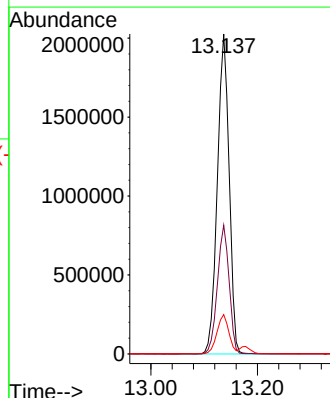
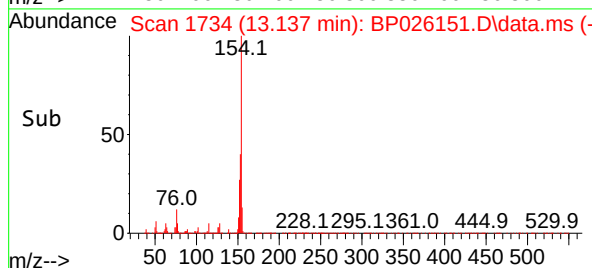
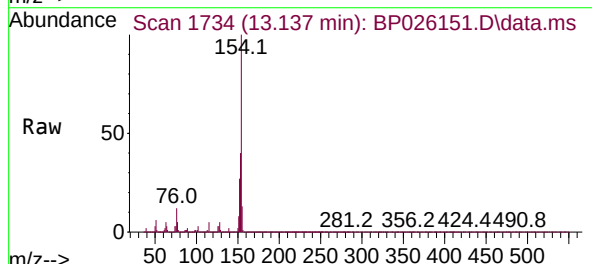
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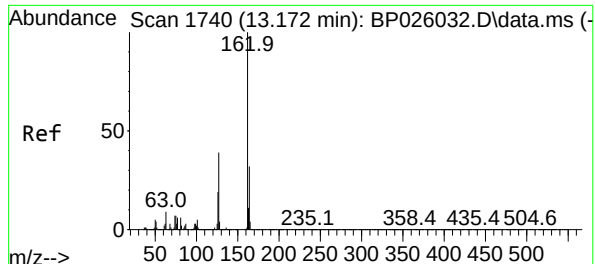
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#46
1,1'-Biphenyl
Concen: 38.891 ng
RT: 13.137 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:154 Resp: 3104503
Ion Ratio Lower Upper
154 100
153 40.2 20.3 60.3
76 12.3 0.0 32.3





#47

2-Chloronaphthalene

Concen: 38.816 ng

RT: 13.178 min Scan# 1740

Delta R.T. -0.006 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

Instrument :

BNA_P

ClientSampleId :

ICVBP111825

Tgt Ion:162 Resp: 243652

Ion Ratio Lower Upper

162 100

127 38.4 30.9 46.3

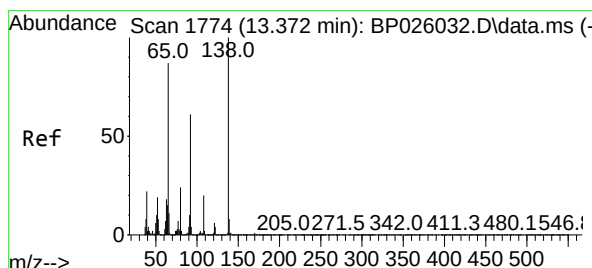
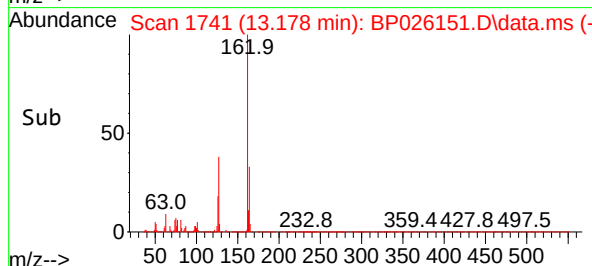
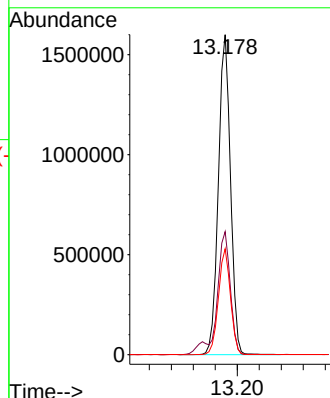
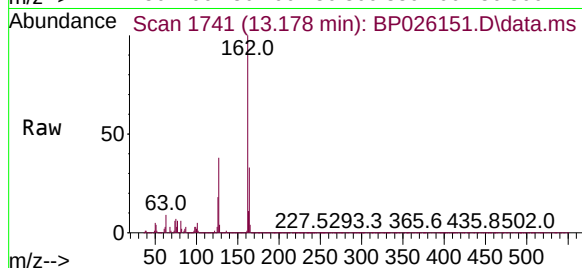
164 33.1 26.4 39.6

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#48

2-Nitroaniline

Concen: 41.880 ng

RT: 13.366 min Scan# 1773

Delta R.T. -0.012 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

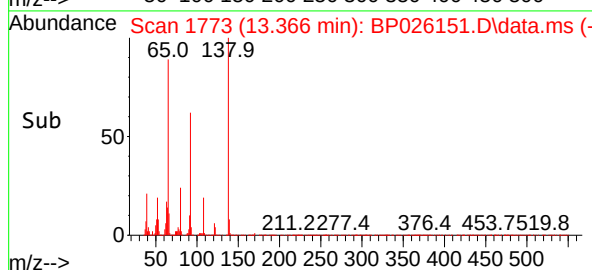
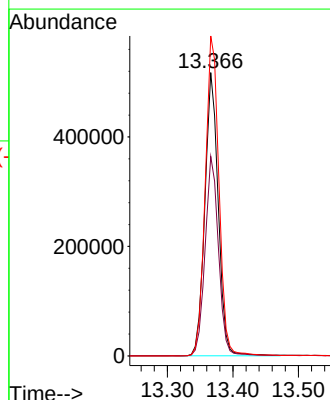
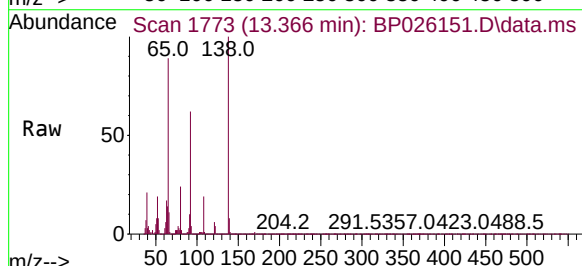
Tgt Ion: 65 Resp: 731047

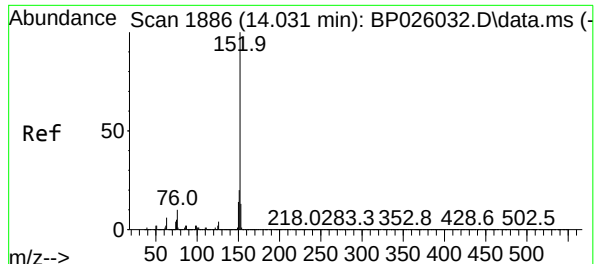
Ion Ratio Lower Upper

65 100

92 70.4 59.1 88.7

138 112.9 96.6 145.0





#49

Acenaphthylene

Concen: 39.676 ng

RT: 14.031 min Scan# 1886

Delta R.T. -0.006 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

Instrument :

BNA_P

ClientSampleId :

ICVBP111825

Tgt Ion:152 Resp: 410811

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.8

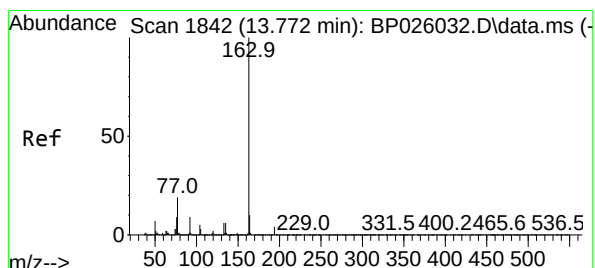
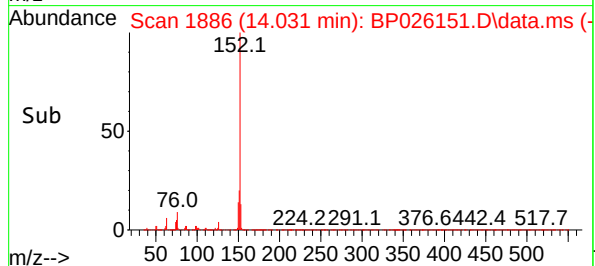
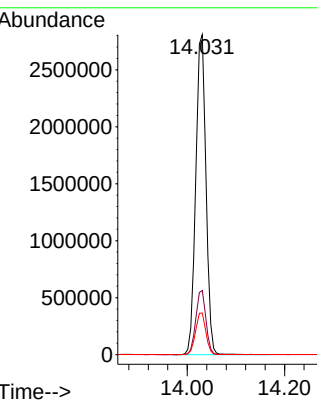
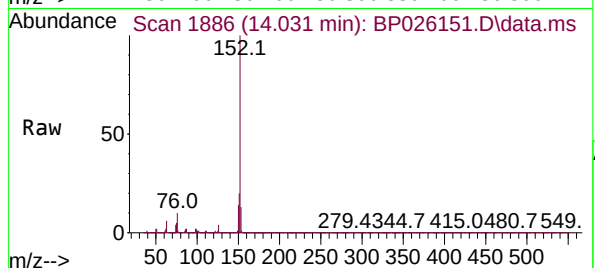
153 13.0 10.6 16.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#50

Dimethylphthalate

Concen: 39.365 ng

RT: 13.766 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

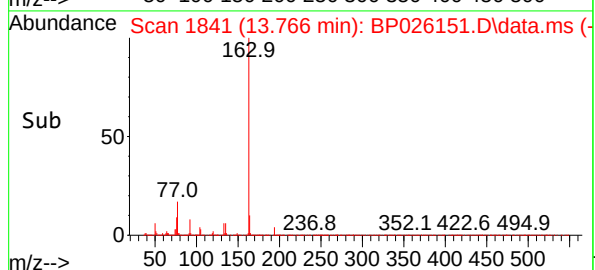
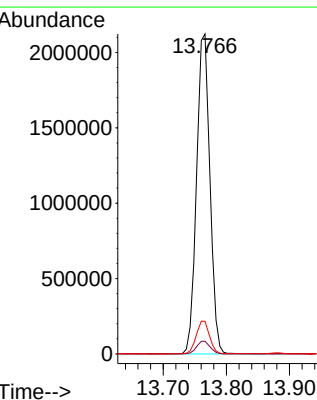
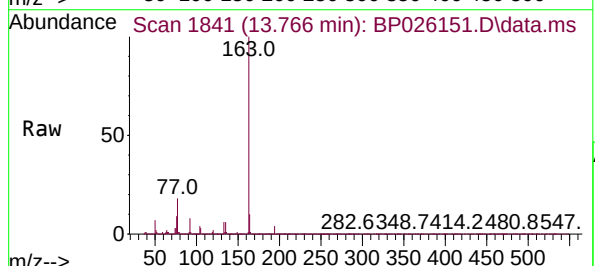
Tgt Ion:163 Resp: 3116904

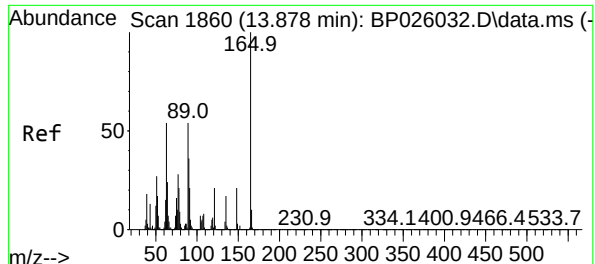
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

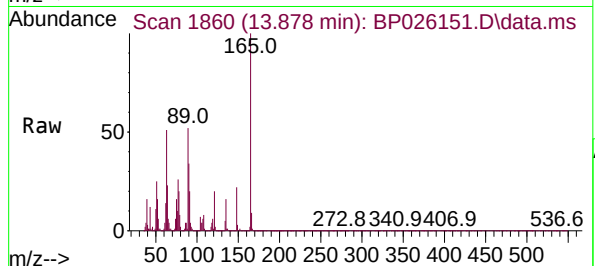
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 43.045 ng
RT: 13.878 min Scan# 1860
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

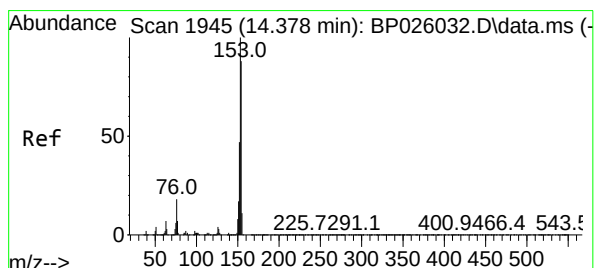
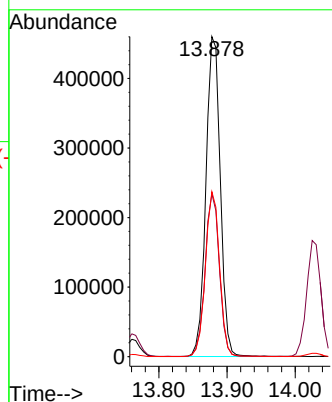
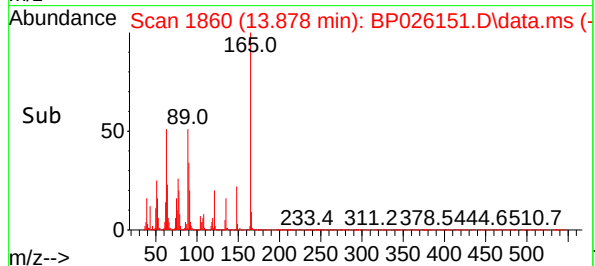
Instrument :
BNA_P
ClientSampleId :
ICVBP111825



Tgt Ion:165 Resp: 675339
Ion Ratio Lower Upper
165 100
63 50.9 40.5 60.7
89 51.5 41.3 61.9

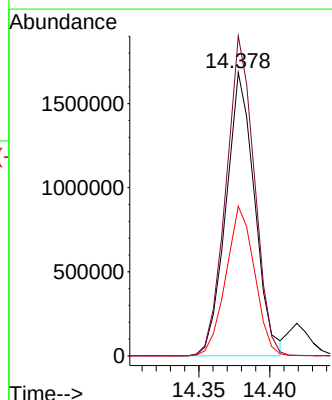
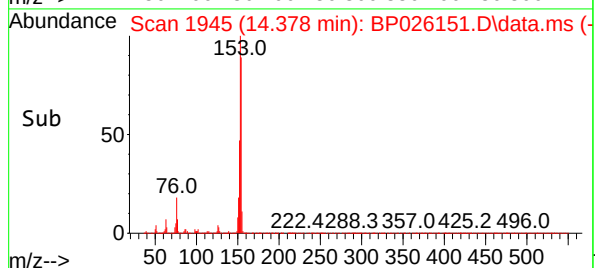
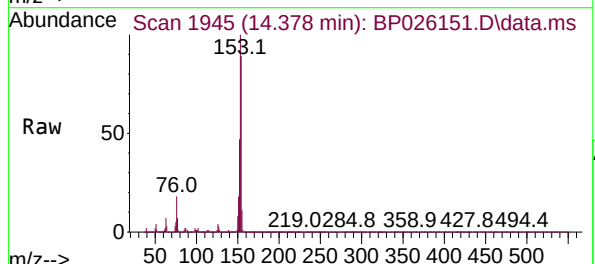
Manual Integrations
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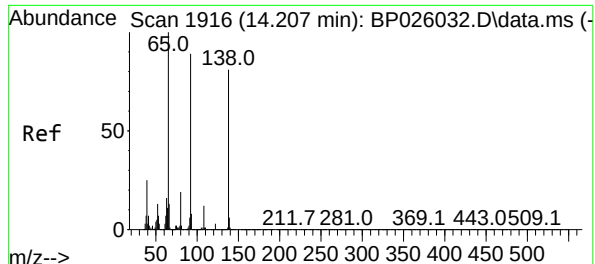
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#52
Acenaphthene
Concen: 38.919 ng
RT: 14.378 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:154 Resp: 2361523
Ion Ratio Lower Upper
154 100
153 112.9 90.7 136.1
152 52.8 42.8 64.2





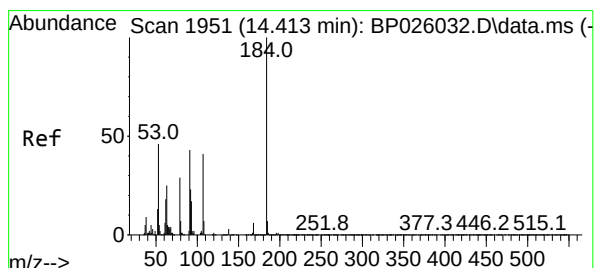
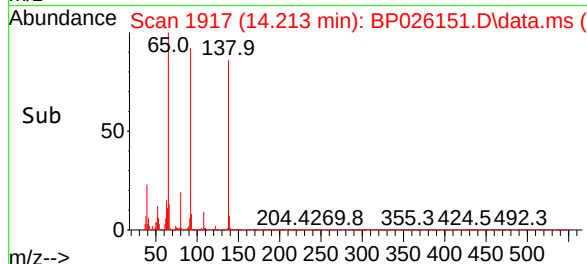
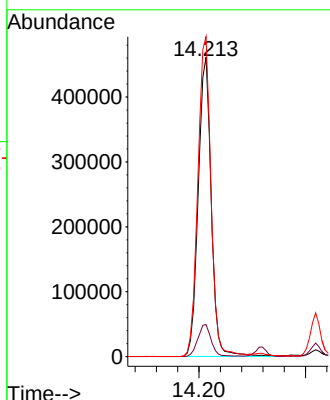
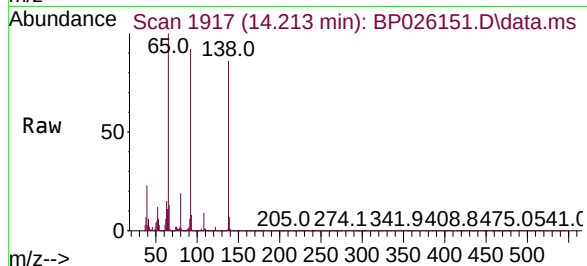
#53
3-Nitroaniline
Concen: 42.369 ng
RT: 14.213 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Instrument :
BNA_P
Client Sample Id :
ICVBP111825

Tgt Ion:138 Resp: 782672
Ion Ratio Lower Upper
138 100
108 10.7 8.9 13.3
92 106.9 86.3 129.5

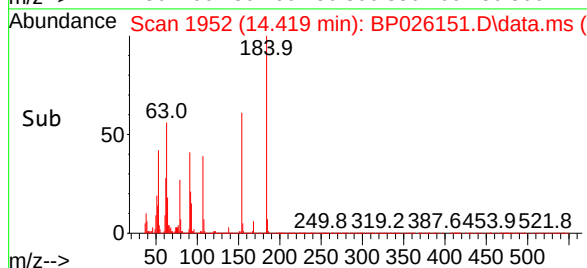
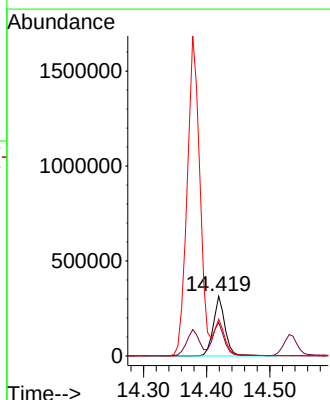
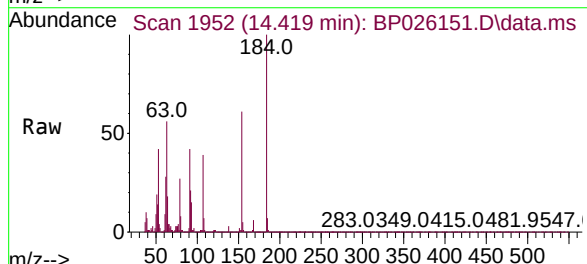
Manual Integrations
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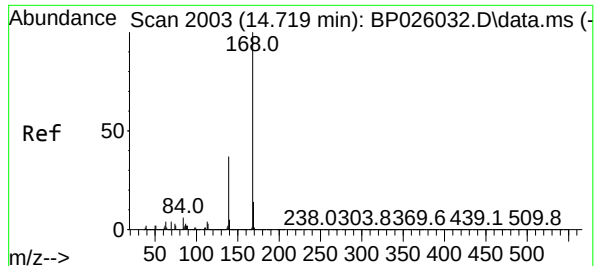
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#54
2,4-Dinitrophenol
Concen: 42.569 ng
RT: 14.419 min Scan# 1952
Delta R.T. -0.012 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:184 Resp: 403157
Ion Ratio Lower Upper
184 100
63 56.0 43.1 64.7
154 61.3 49.5 74.3





#55

Dibenzenofuran

Concen: 39.037 ng

RT: 14.719 min Scan# 2003

Delta R.T. -0.006 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

Instrument :

BNA_P

ClientSampleId :

ICVBP111825

Tgt Ion:168 Resp: 3668770

Ion Ratio Lower Upper

168 100

139 37.1 29.8 44.6

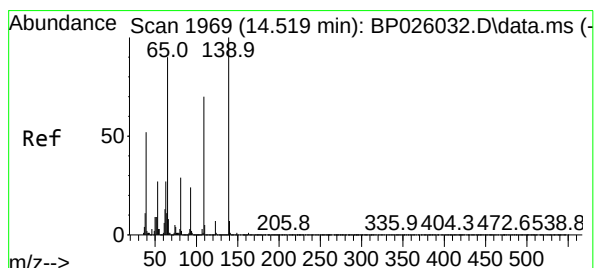
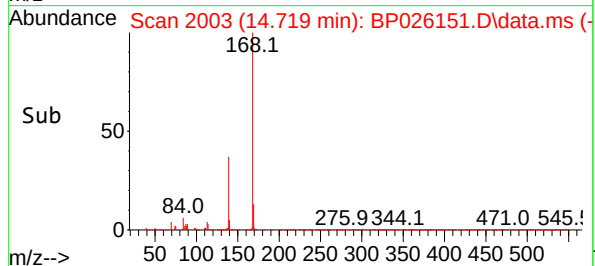
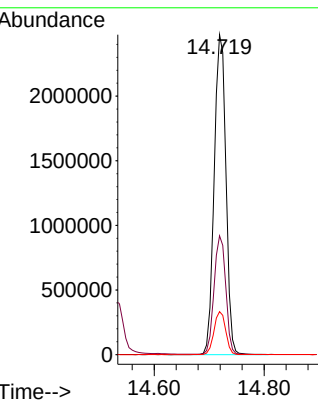
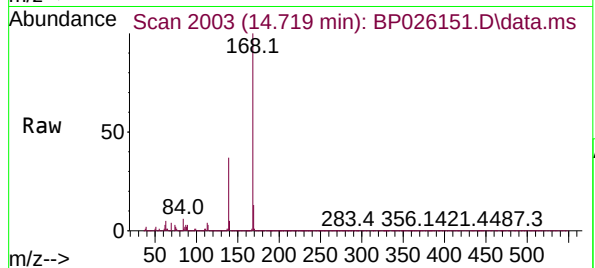
169 13.4 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#56

4-Nitrophenol

Concen: 40.312 ng

RT: 14.531 min Scan# 1971

Delta R.T. -0.012 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

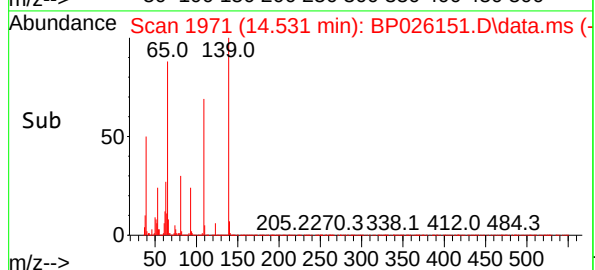
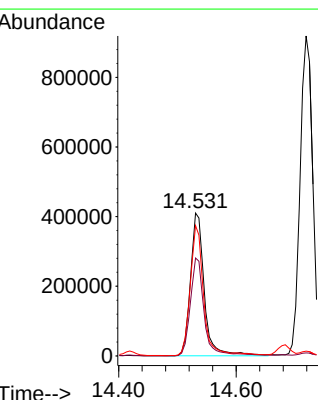
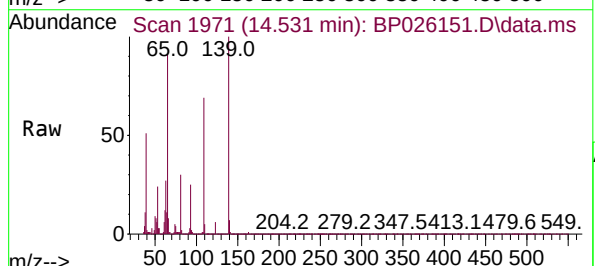
Tgt Ion:139 Resp: 673671

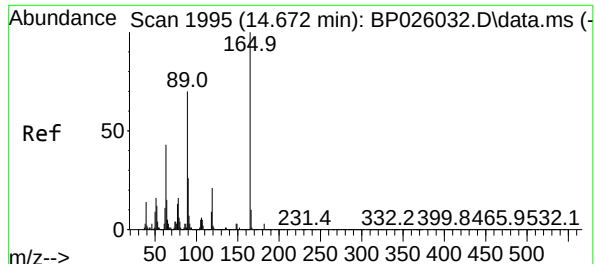
Ion Ratio Lower Upper

139 100

109 68.6 46.8 86.8

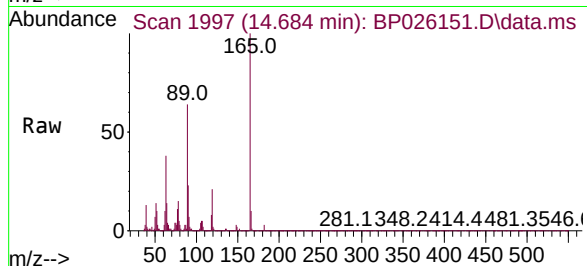
65 91.3 69.3 109.3





#57
2,4-Dinitrotoluene
Concen: 42.577 ng
RT: 14.684 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

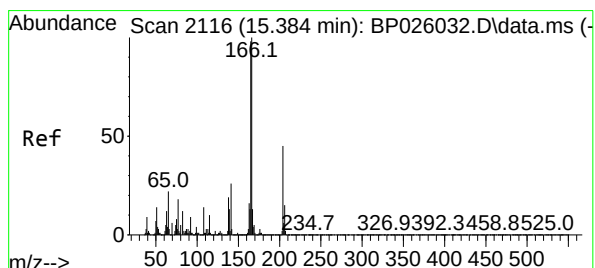
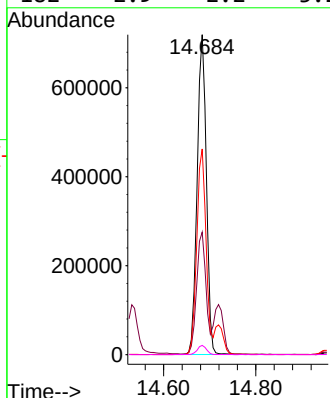
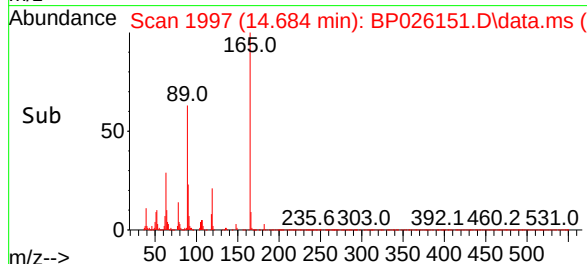
Instrument :
BNA_P
ClientSampleId :
ICVBP111825



Tgt Ion:165 Resp: 997423
Ion Ratio Lower Upper
165 100
63 38.3 31.0 46.6
89 64.3 51.7 77.5
182 2.9 2.2 3.2

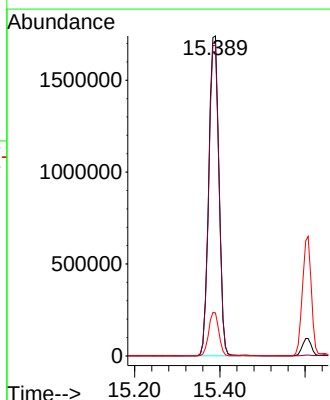
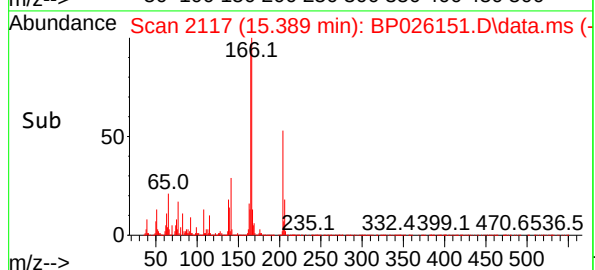
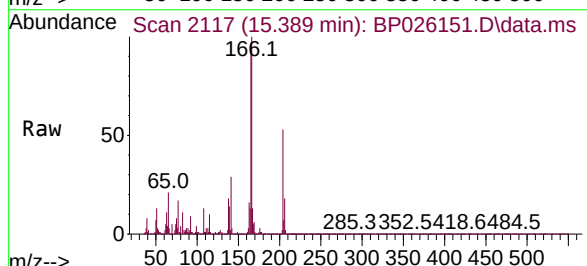
Manual Integrations
APPROVED

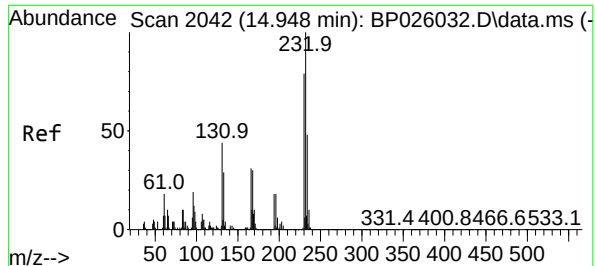
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#58
Fluorene
Concen: 38.962 ng
RT: 15.389 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:166 Resp: 2894223
Ion Ratio Lower Upper
166 100
165 97.1 77.9 116.9
167 13.5 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 40.668 ng

RT: 14.954 min Scan# 2043

Delta R.T. -0.006 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

Instrument :

BNA_P

ClientSampleId :

ICVBP111825

Tgt Ion:232 Resp: 846319

Ion Ratio Lower Upper

232 100

131 43.1 34.8 52.2

130 2.3 1.8 2.8

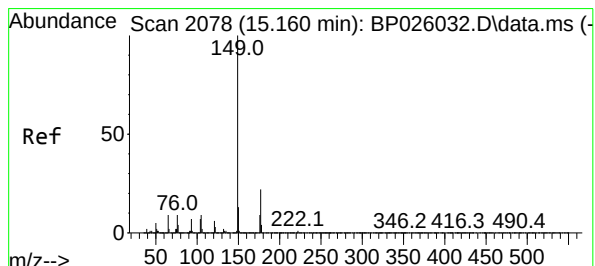
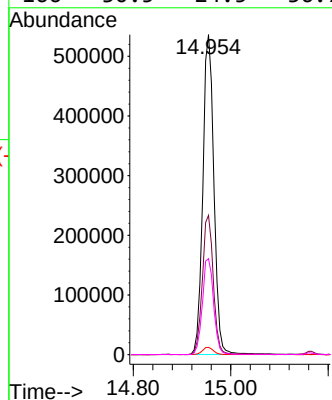
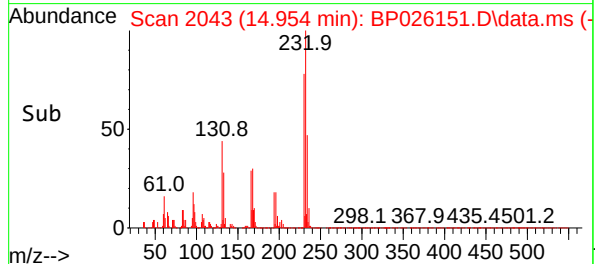
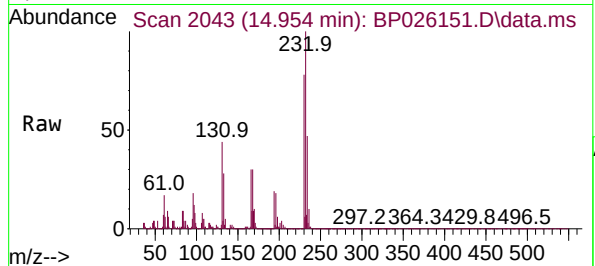
166 30.5 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#60

Diethylphthalate

Concen: 39.059 ng

RT: 15.160 min Scan# 2078

Delta R.T. -0.012 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

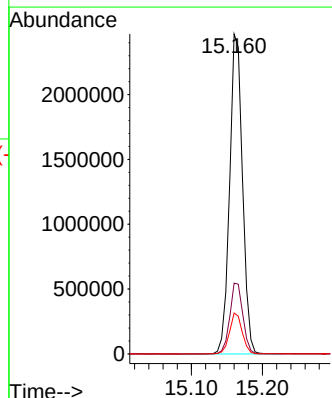
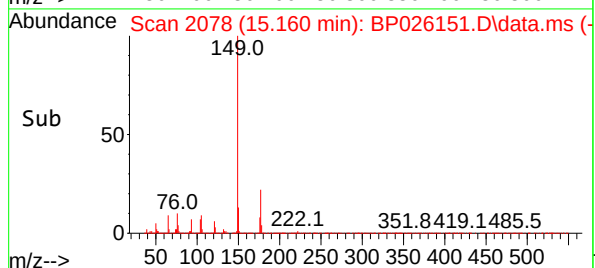
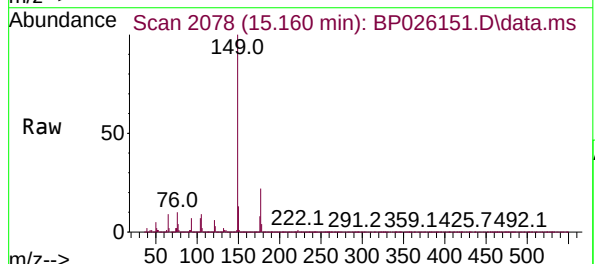
Tgt Ion:149 Resp: 3115428

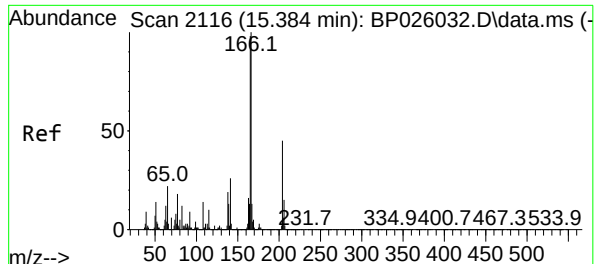
Ion Ratio Lower Upper

149 100

177 22.1 17.9 26.9

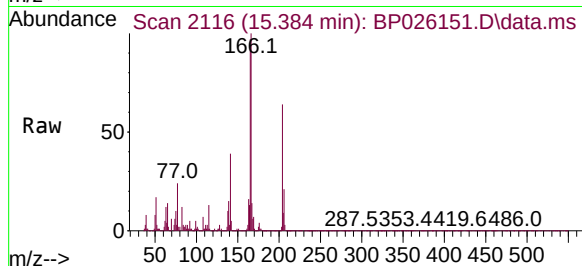
150 12.8 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 38.882 ng
RT: 15.384 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

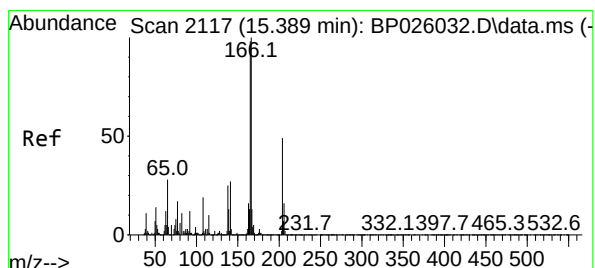
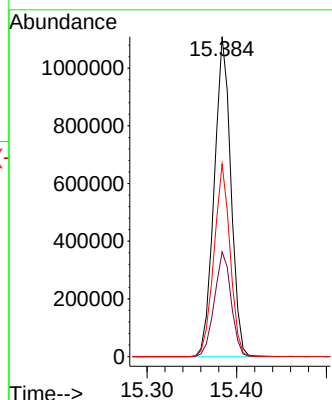
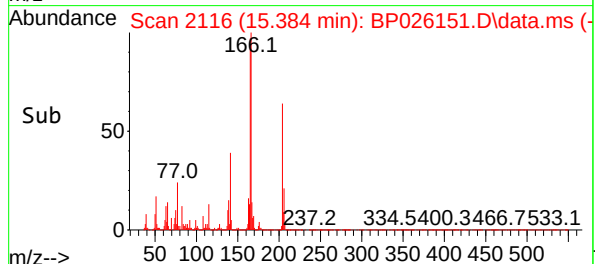
Instrument :
BNA_P
ClientSampleId :
ICVBP111825



Tgt Ion:204 Resp: 143711
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 60.2 48.1 72.1

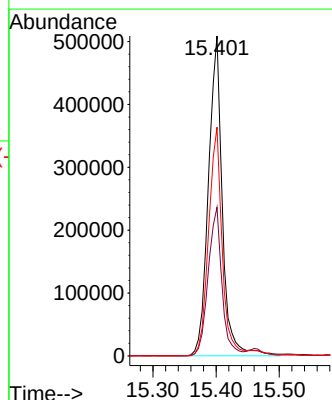
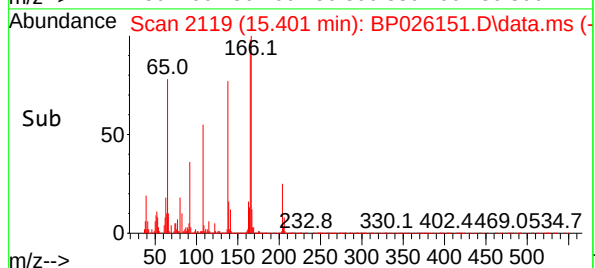
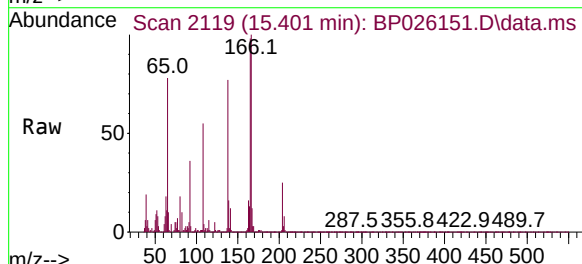
Manual Integrations
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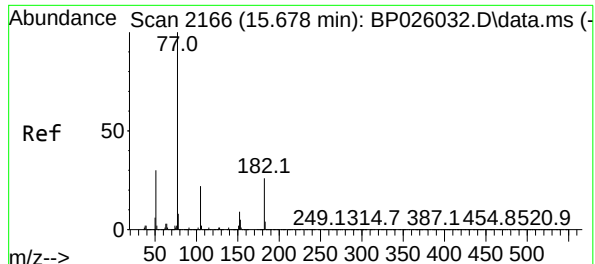
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#62
4-Nitroaniline
Concen: 40.700 ng
RT: 15.401 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

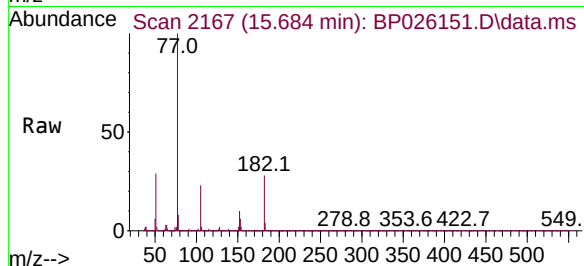
Tgt Ion:138 Resp: 780732
Ion Ratio Lower Upper
138 100
92 46.4 27.5 67.5
108 71.5 51.1 91.1





#63
Azobenzene
Concen: 39.832 ng
RT: 15.684 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

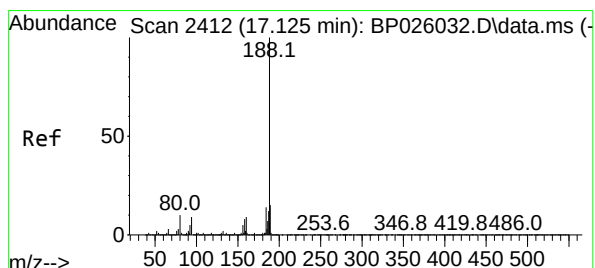
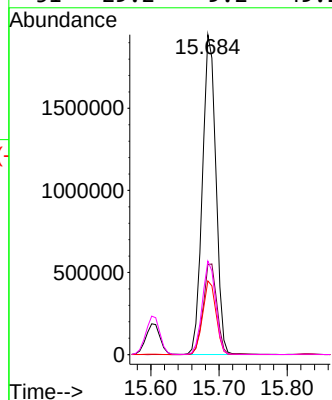
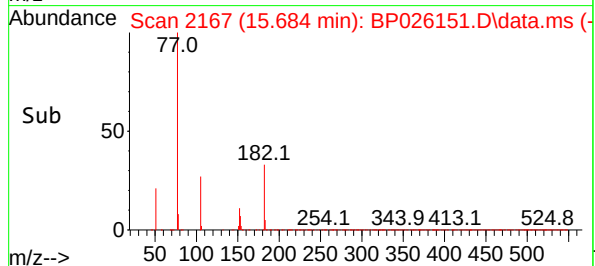
Instrument :
BNA_P
ClientSampleId :
ICVBP111825



Tgt Ion: 77 Resp: 2678923
Ion Ratio Lower Upper
77 100
182 28.1 8.8 48.8
105 23.0 2.6 42.6
51 29.2 9.2 49.2

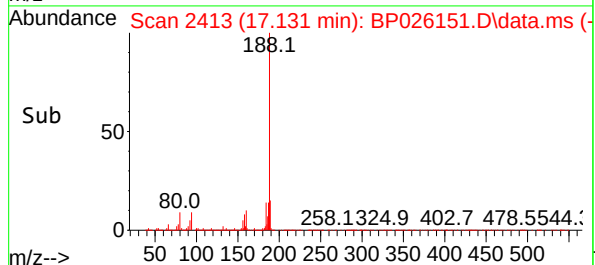
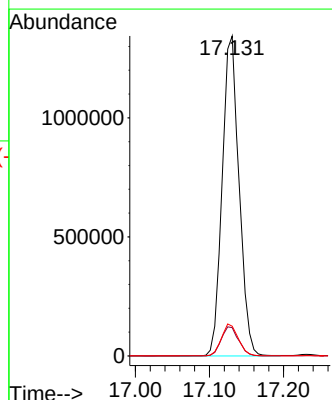
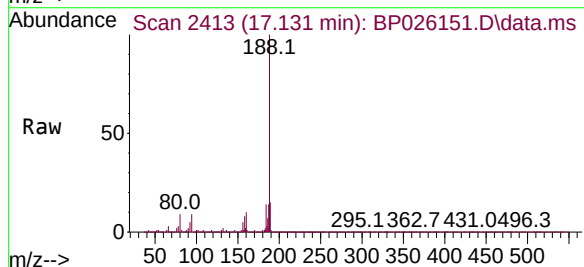
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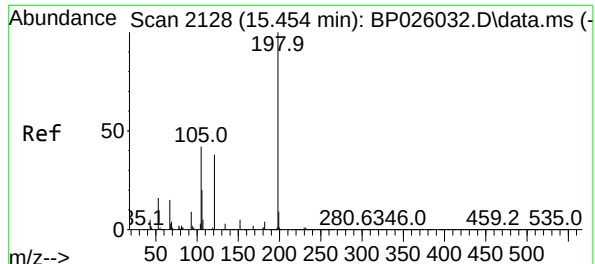
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.131 min Scan# 2413
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:188 Resp: 2119946
Ion Ratio Lower Upper
188 100
94 8.8 7.8 11.6
80 9.3 8.2 12.2





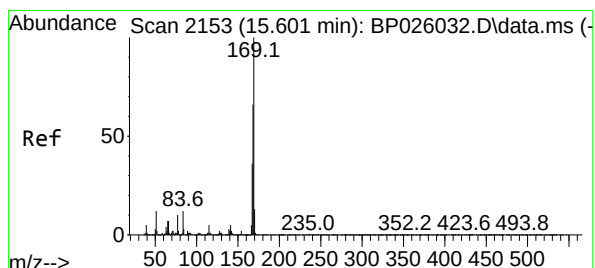
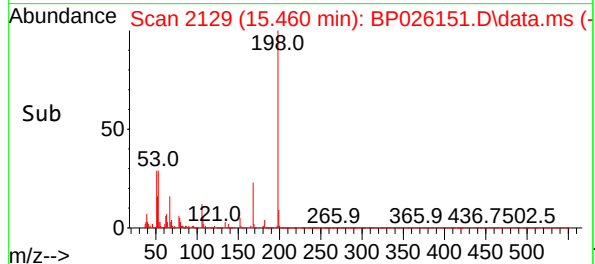
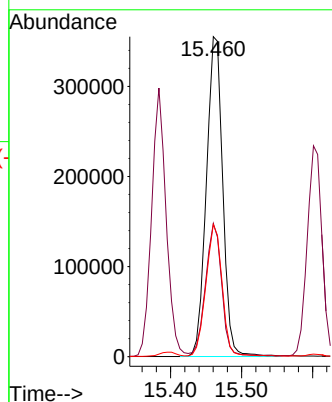
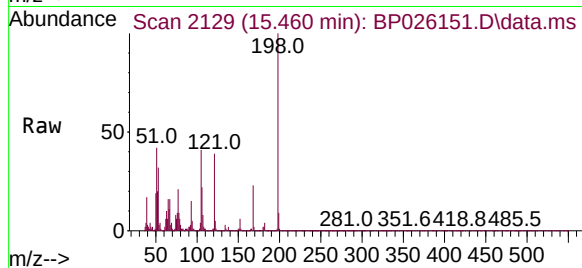
#65
4,6-Dinitro-2-methylphenol
Concen: 42.199 ng
RT: 15.460 min Scan# 2128
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Tgt Ion:198 Resp: 568324
Ion Ratio Lower Upper
198 100
51 41.6 18.4 58.4
105 41.3 18.5 58.5

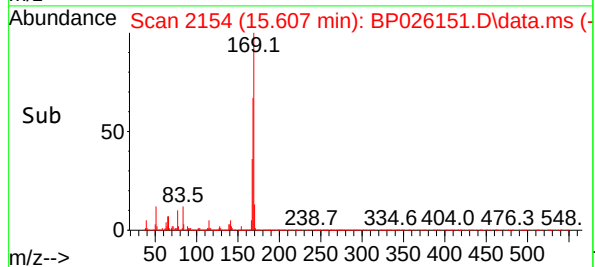
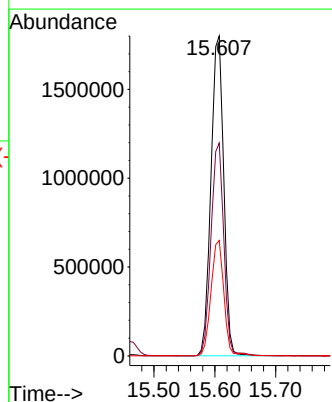
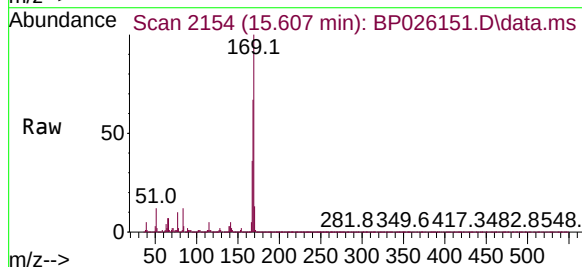
Manual Integrations
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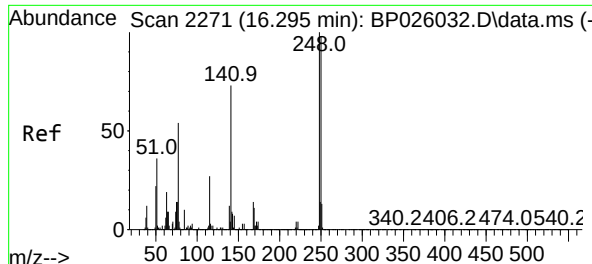
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#66
n-Nitrosodiphenylamine
Concen: 40.009 ng
RT: 15.607 min Scan# 2154
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:169 Resp: 2623713
Ion Ratio Lower Upper
169 100
168 66.5 53.1 79.7
167 36.1 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 40.921 ng
RT: 16.301 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Instrument :

BNA_P

ClientSampleId :

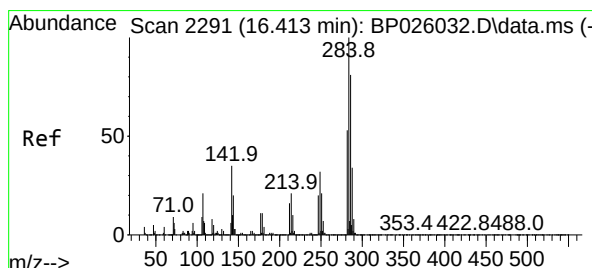
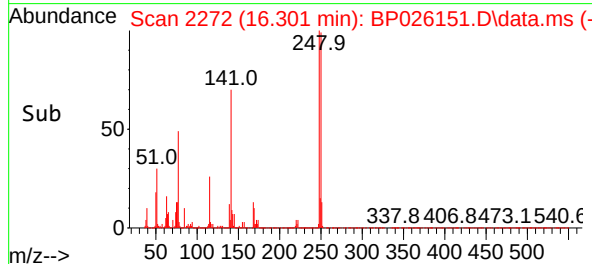
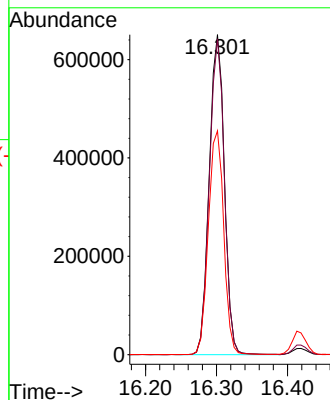
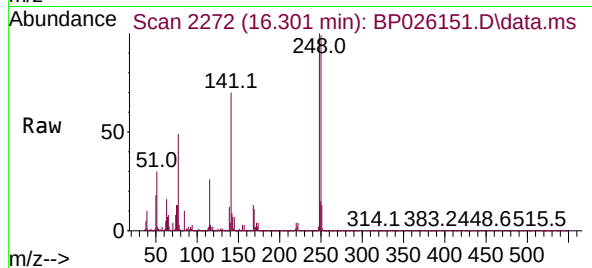
ICVBP111825

Tgt Ion:248 Resp: 960730
Ion Ratio Lower Upper
248 100
250 98.7 77.8 116.6
141 69.9 55.4 83.0

Manual Integrations

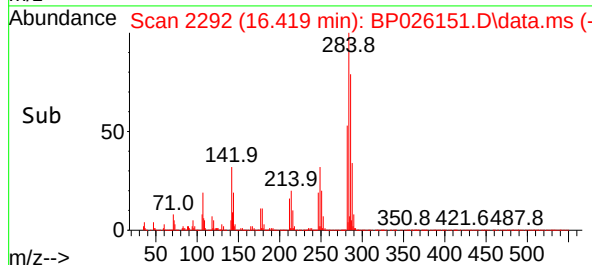
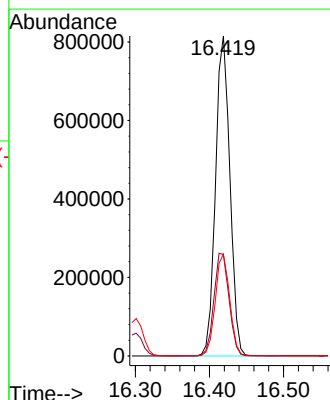
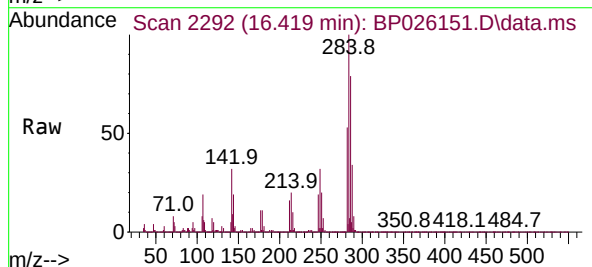
APPROVED

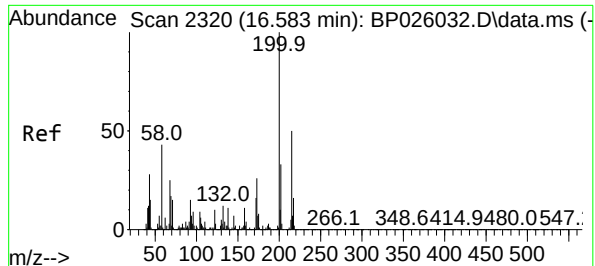
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#68
Hexachlorobenzene
Concen: 40.295 ng
RT: 16.419 min Scan# 2292
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

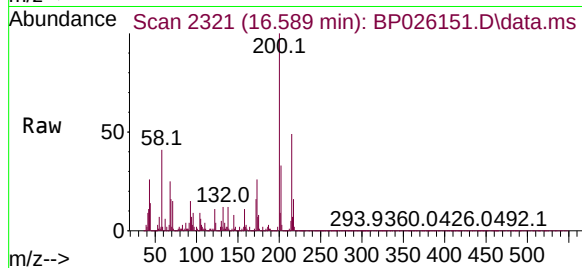
Tgt Ion:284 Resp: 1097761
Ion Ratio Lower Upper
284 100
142 31.7 28.0 42.0
249 31.8 25.0 37.4





#69
Atrazine
Concen: 39.843 ng
RT: 16.589 min Scan# 2321
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

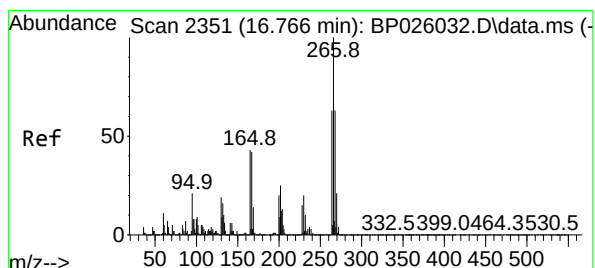
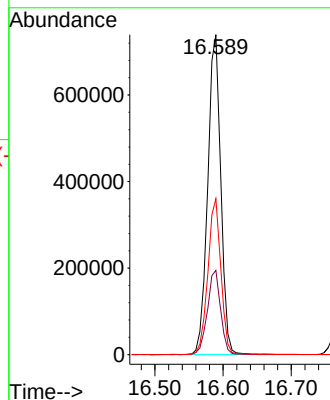
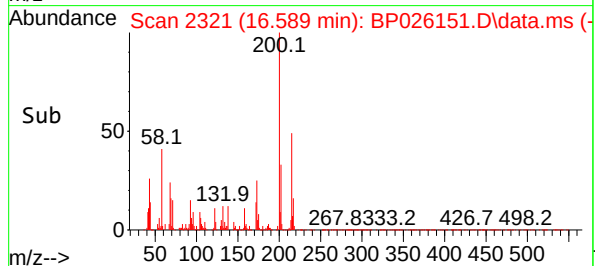
Instrument :
BNA_P
ClientSampleId :
ICVBP111825



Tgt Ion:200 Resp: 98527
Ion Ratio Lower Upper
200 100
173 26.3 6.7 46.7
215 48.7 27.4 67.4

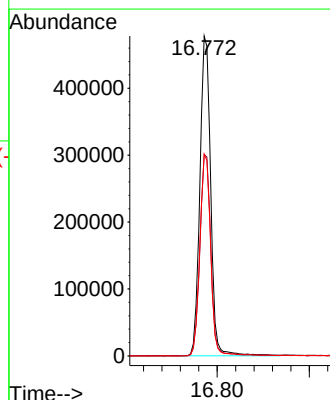
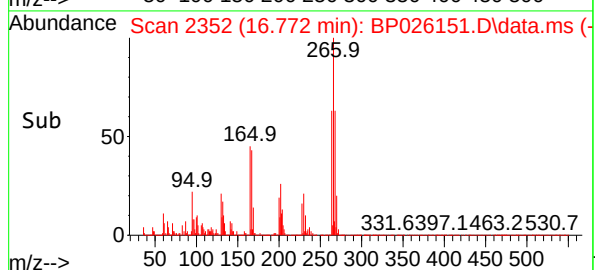
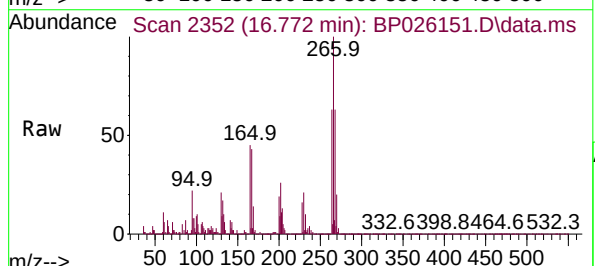
Manual Integrations
APPROVED

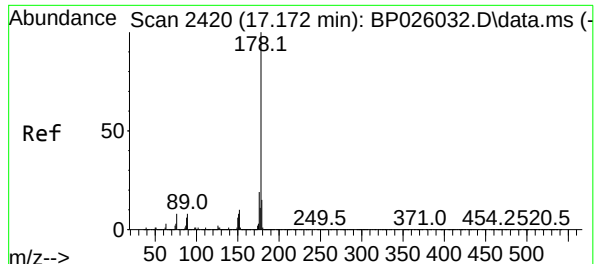
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#70
Pentachlorophenol
Concen: 40.719 ng
RT: 16.772 min Scan# 2352
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

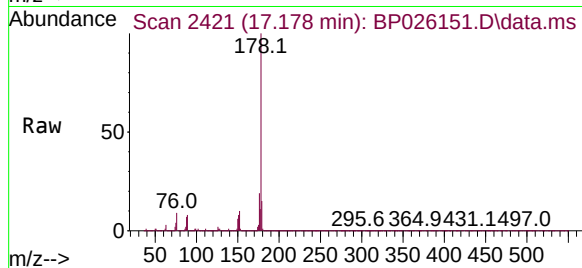
Tgt Ion:266 Resp: 775987
Ion Ratio Lower Upper
266 100
268 63.0 51.0 76.4
264 63.1 50.2 75.2





#71
Phenanthrene
Concen: 39.930 ng
RT: 17.178 min Scan# 2420
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

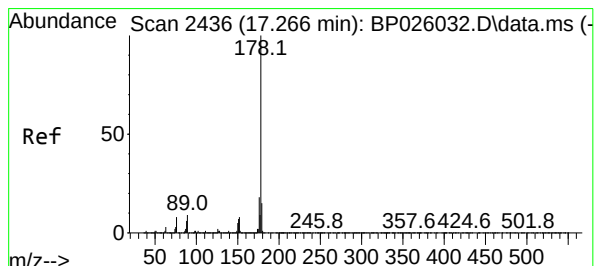
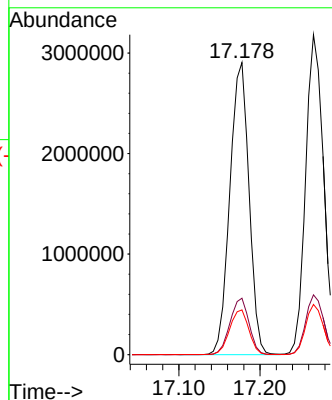
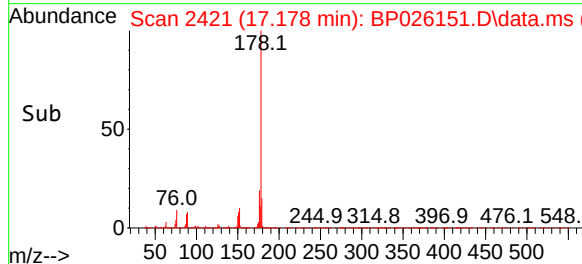
Instrument :
BNA_P
ClientSampleId :
ICVBP111825



Tgt Ion:178 Resp: 4768475
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.3 12.4 18.6

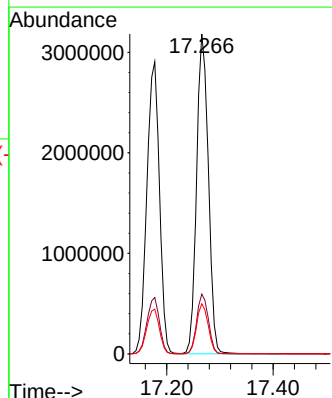
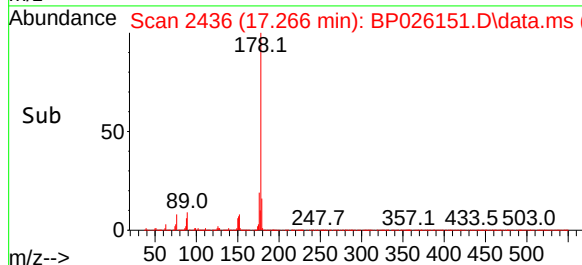
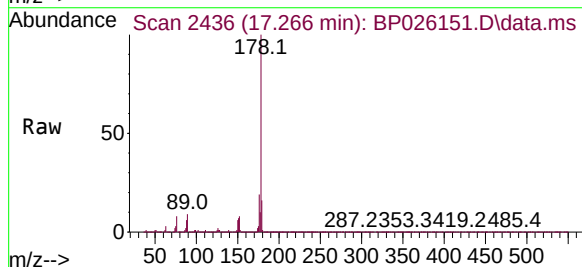
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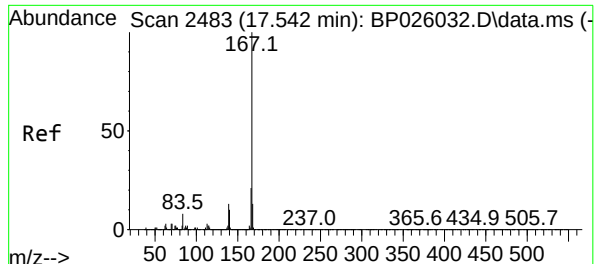
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#72
Anthracene
Concen: 40.026 ng
RT: 17.266 min Scan# 2436
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

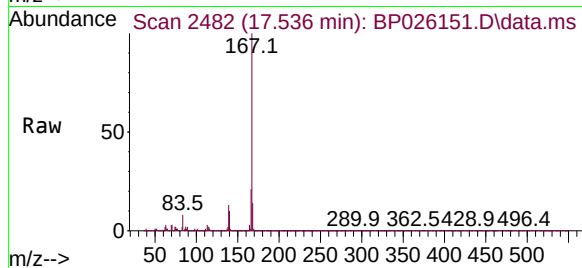
Tgt Ion:178 Resp: 4875395
Ion Ratio Lower Upper
178 100
176 18.7 14.8 22.2
179 15.7 12.2 18.4





#73
Carbazole
Concen: 39.777 ng
RT: 17.536 min Scan# 2482
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

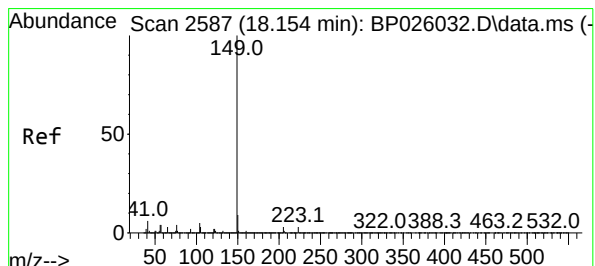
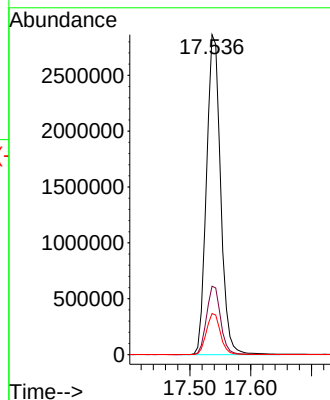
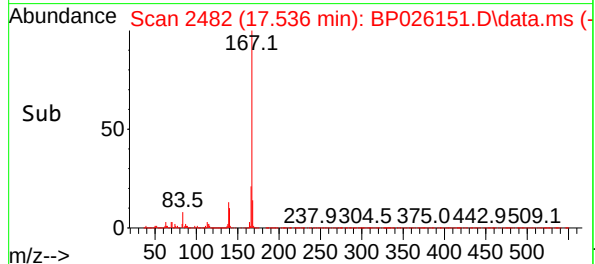
Instrument :
BNA_P
ClientSampleId :
ICVBP111825



Tgt Ion:167 Resp: 4601692
Ion Ratio Lower Upper
167 100
166 21.4 17.1 25.7
139 12.8 10.2 15.4

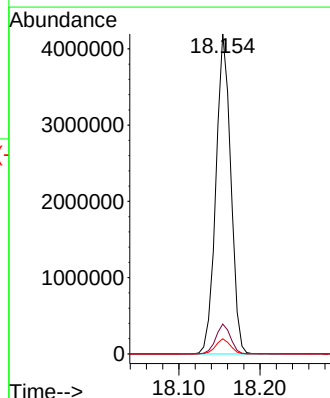
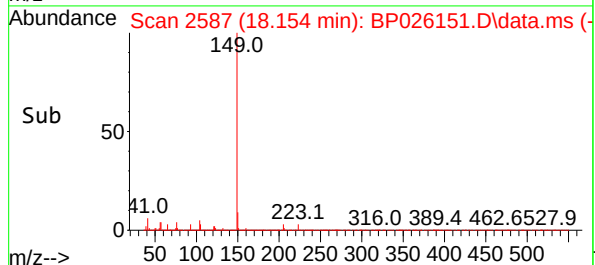
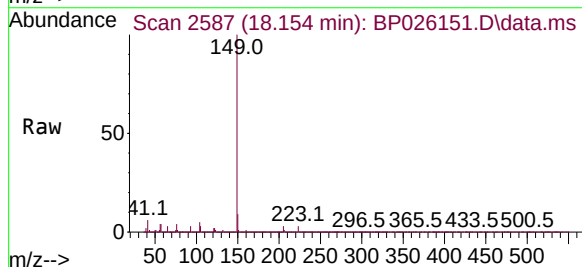
Manual Integrations
APPROVED

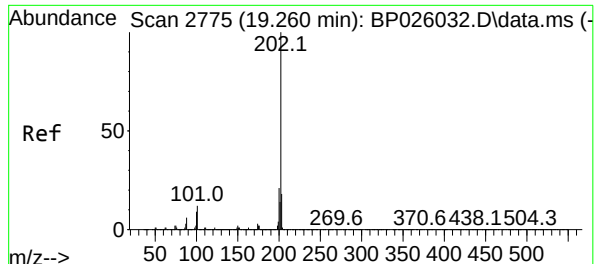
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#74
Di-n-butylphthalate
Concen: 38.873 ng
RT: 18.154 min Scan# 2587
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

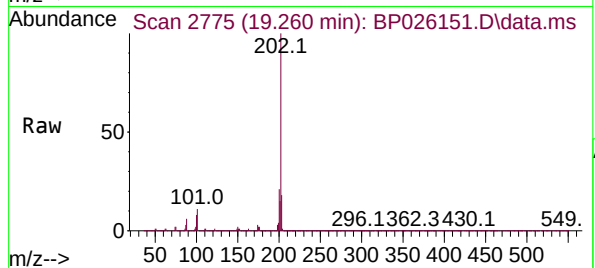
Tgt Ion:149 Resp: 5331384
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 4.7 3.6 5.4





#75
Fluoranthene
Concen: 39.137 ng
RT: 19.260 min Scan# 2775
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

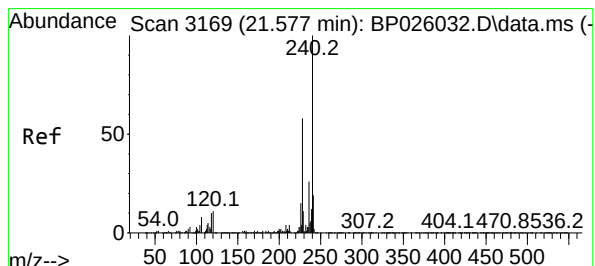
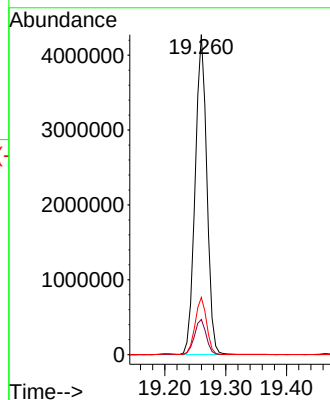
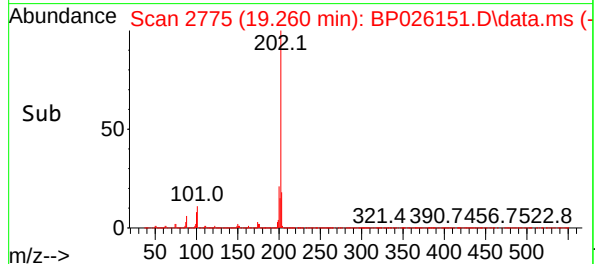
Instrument :
BNA_P
ClientSampleId :
ICVBP111825



Tgt Ion:202 Resp: 5678696
Ion Ratio Lower Upper
202 100
101 11.0 0.0 31.2
203 17.9 0.0 37.7

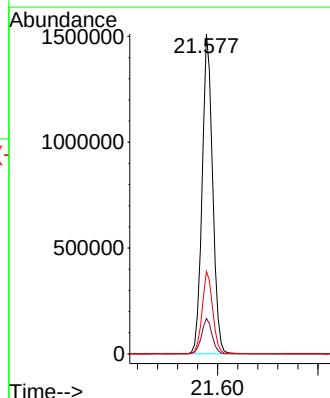
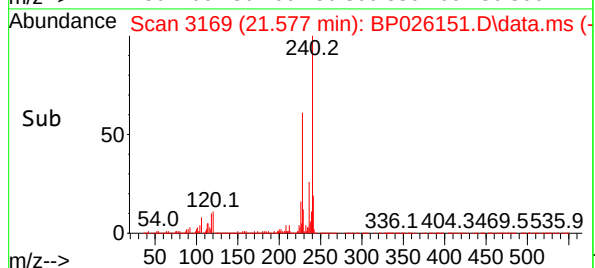
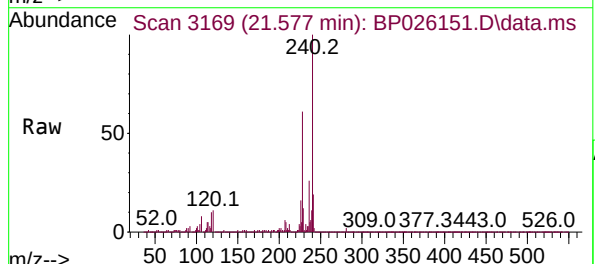
Manual Integrations
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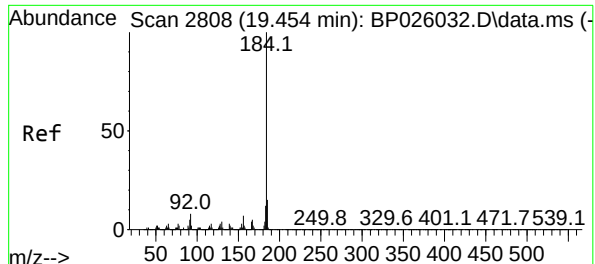
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3169
Delta R.T. 0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:240 Resp: 2196318
Ion Ratio Lower Upper
240 100
120 11.1 9.0 13.4
236 25.8 20.4 30.6





#77

Benzidine

Concen: 39.739 ng

RT: 19.466 min Scan# 2808

Delta R.T. 0.000 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

Instrument :

BNA_P

ClientSampleId :

ICVBP111825

Tgt Ion:184 Resp: 2769880

Ion Ratio Lower Upper

184 100

185 14.3 11.3 16.9

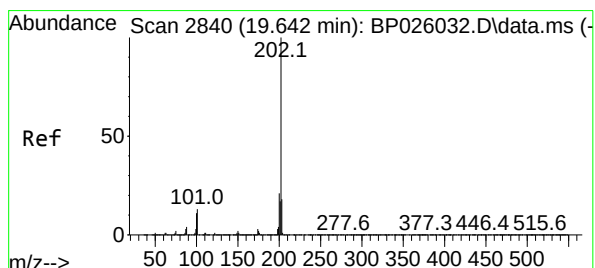
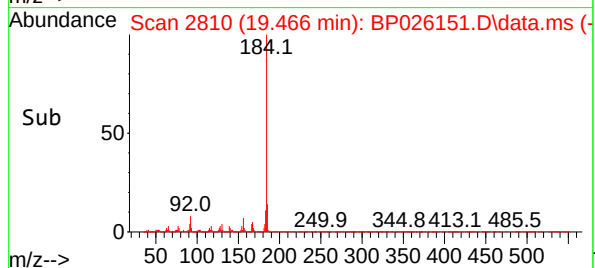
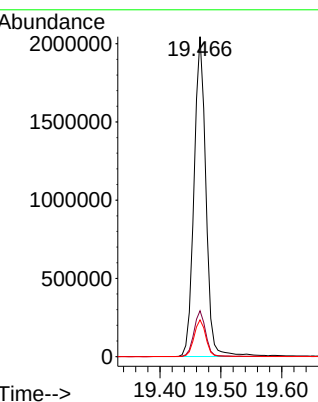
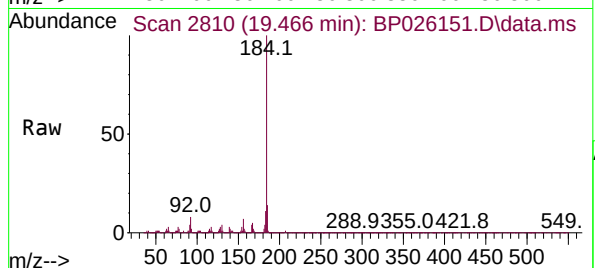
183 11.5 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#78

Pyrene

Concen: 40.685 ng

RT: 19.636 min Scan# 2839

Delta R.T. -0.006 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

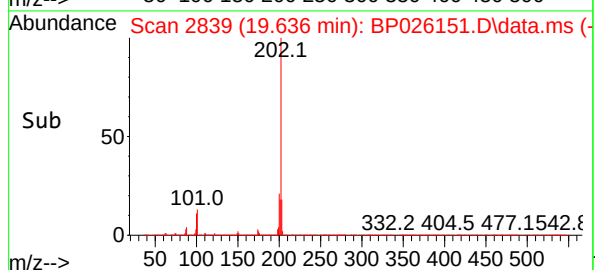
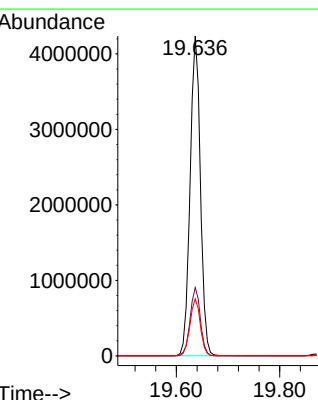
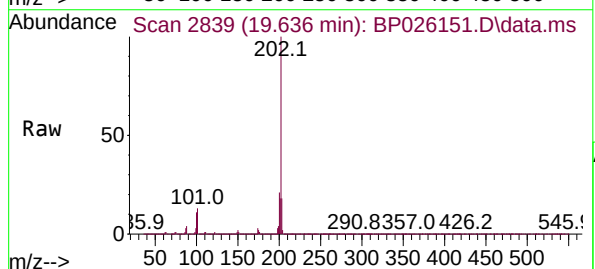
Tgt Ion:202 Resp: 5858930

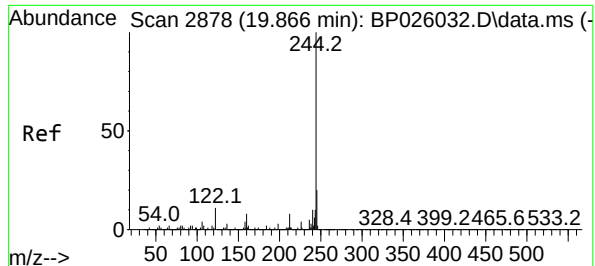
Ion Ratio Lower Upper

202 100

200 21.4 16.9 25.3

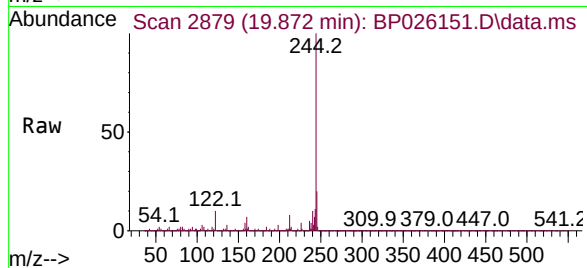
203 17.8 13.8 20.8





#79
Terphenyl-d14
Concen: 78.411 ng
RT: 19.872 min Scan# 2879
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

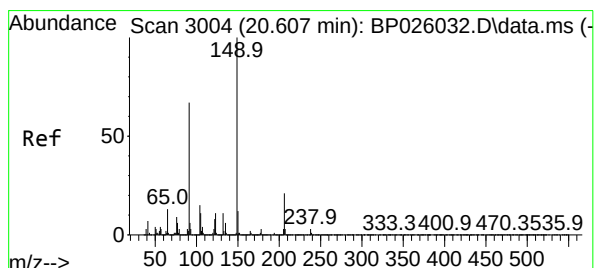
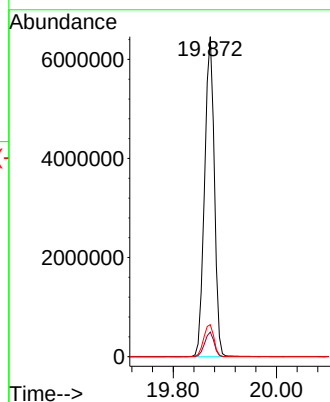
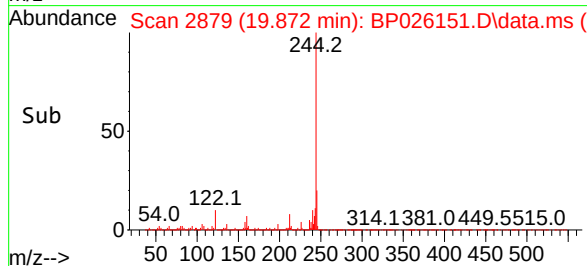
Instrument :
BNA_P
ClientSampleId :
ICVBP111825



Tgt Ion:244 Resp: 8445903
Ion Ratio Lower Upper
244 100
212 7.7 5.8 8.8
122 10.0 8.2 12.2

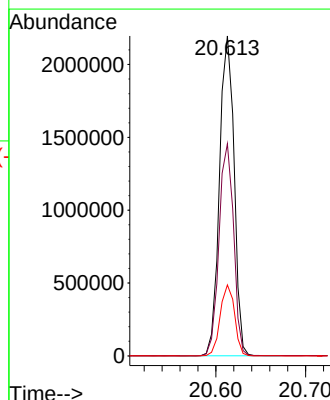
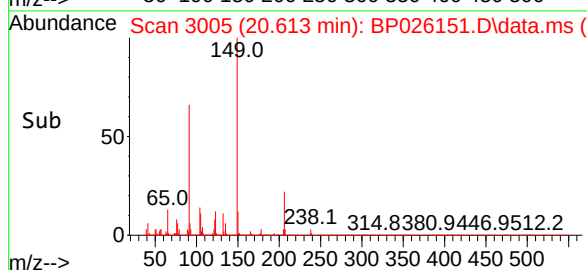
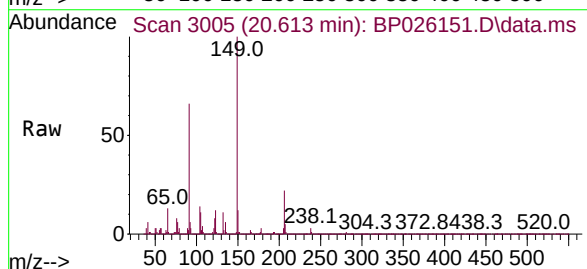
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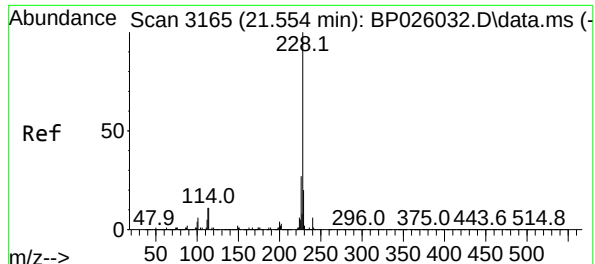
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#80
Butylbenzylphthalate
Concen: 39.196 ng
RT: 20.613 min Scan# 3005
Delta R.T. 0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:149 Resp: 2485794
Ion Ratio Lower Upper
149 100
91 66.3 52.6 79.0
206 22.2 16.9 25.3





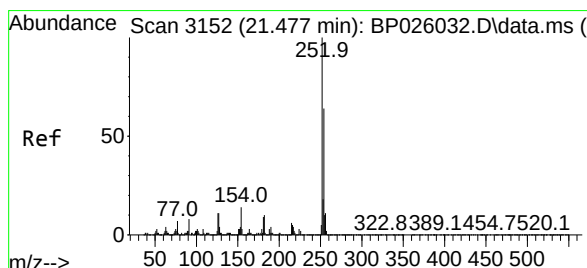
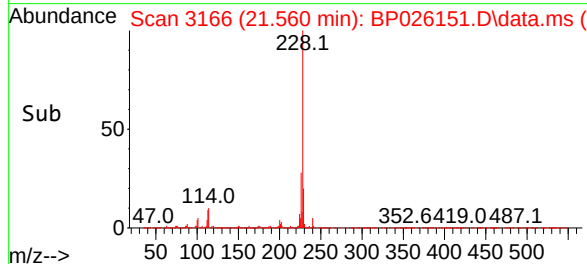
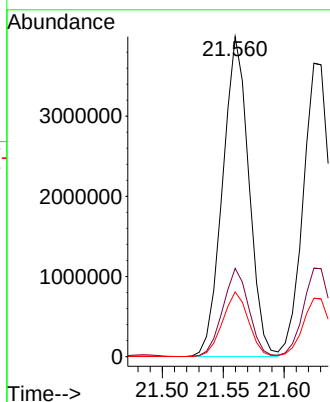
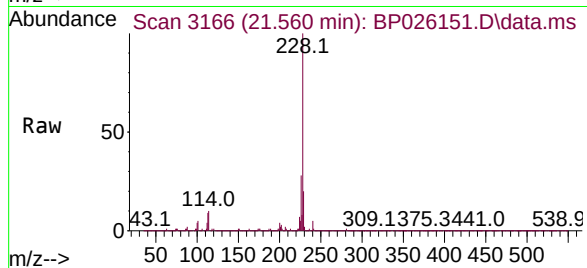
#81
Benzo(a)anthracene
Concen: 39.748 ng
RT: 21.560 min Scan# 3166
Delta R.T. 0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Tgt Ion:228 Resp: 5995605
Ion Ratio Lower Upper
228 100
226 27.6 21.8 32.8
229 20.2 15.9 23.9

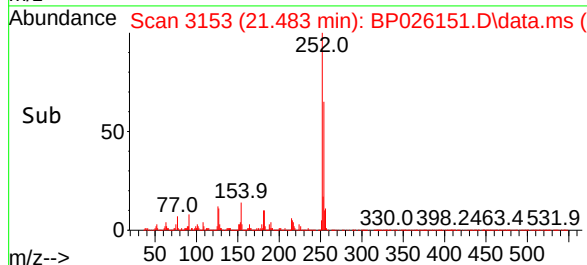
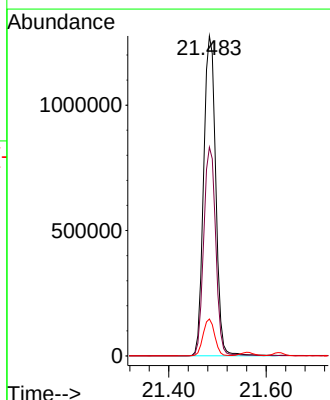
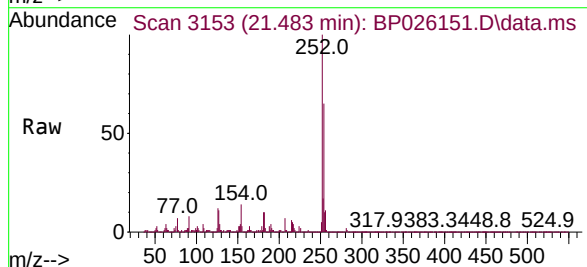
Manual Integrations
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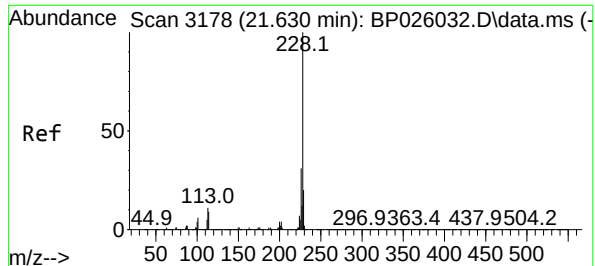
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#82
3,3'-Dichlorobenzidine
Concen: 40.210 ng
RT: 21.483 min Scan# 3153
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:252 Resp: 2205669
Ion Ratio Lower Upper
252 100
254 65.2 51.2 76.8
126 11.5 8.2 12.4





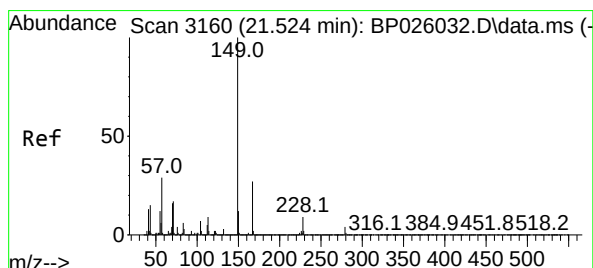
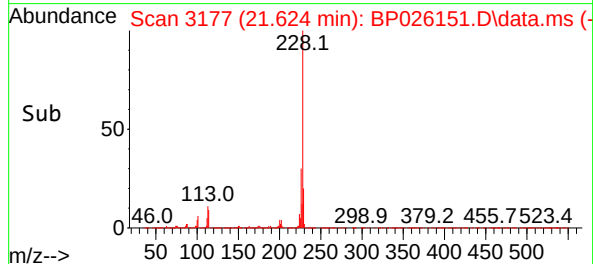
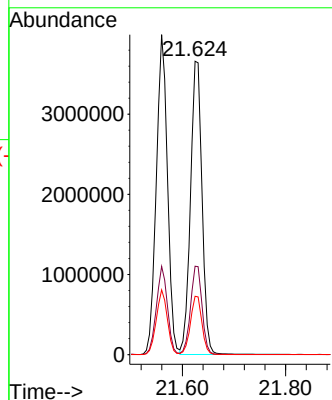
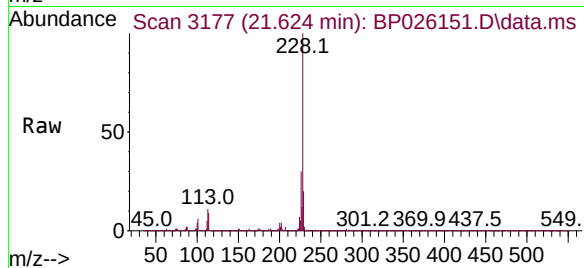
#83
Chrysene
Concen: 39.951 ng
RT: 21.624 min Scan# 3177
Delta R.T. 0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Tgt Ion:228 Resp: 567937
Ion Ratio Lower Upper
228 100
226 30.1 23.9 35.9
229 19.9 15.9 23.9

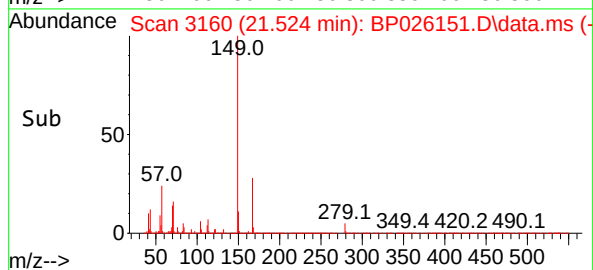
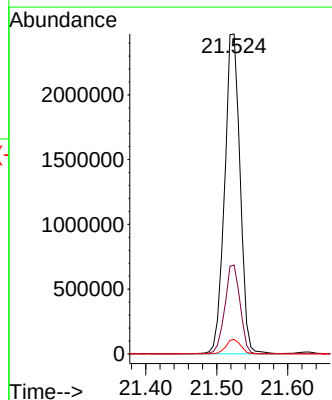
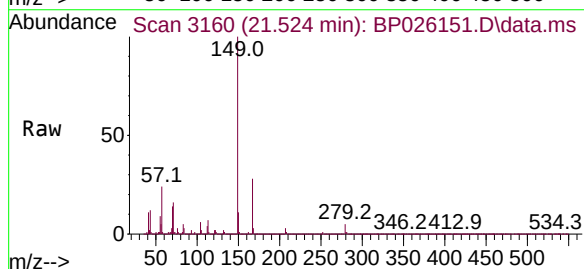
Manual Integrations
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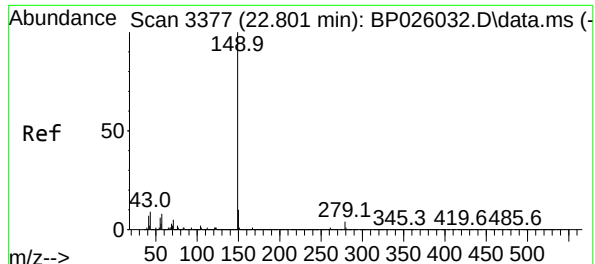
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 38.974 ng
RT: 21.524 min Scan# 3160
Delta R.T. 0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:149 Resp: 3741593
Ion Ratio Lower Upper
149 100
167 27.8 22.1 33.1
279 4.5 3.3 4.9





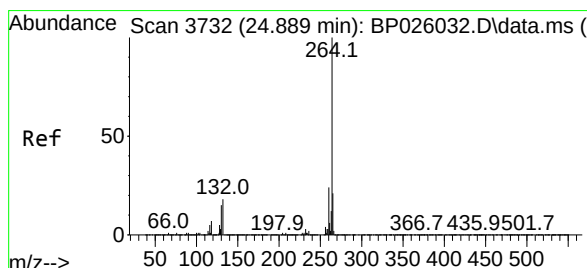
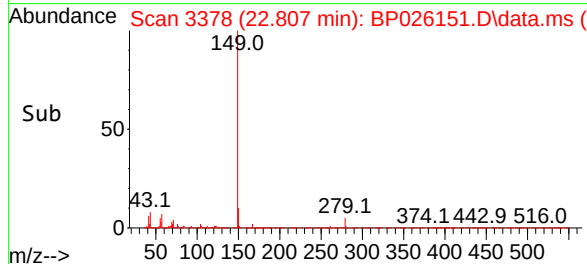
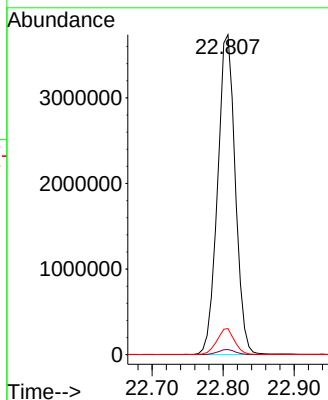
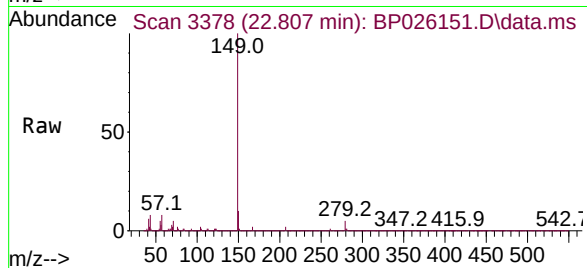
#85
Di-n-octyl phthalate
Concen: 38.576 ng
RT: 22.807 min Scan# 3377
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Tgt Ion:149 Resp: 6475670
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.0 6.6 10.0

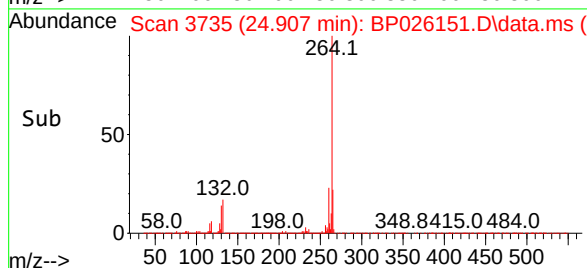
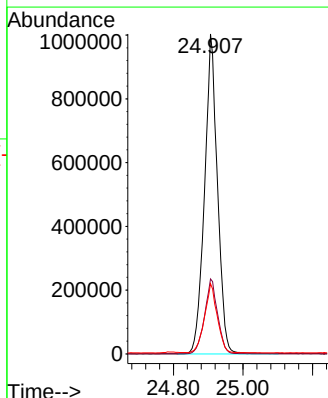
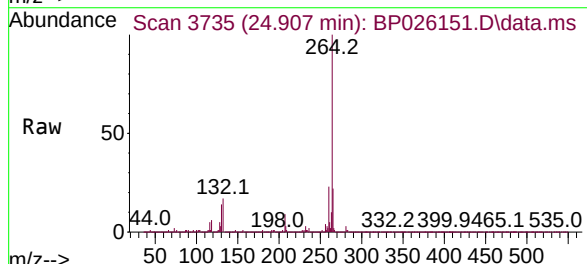
Manual Integrations
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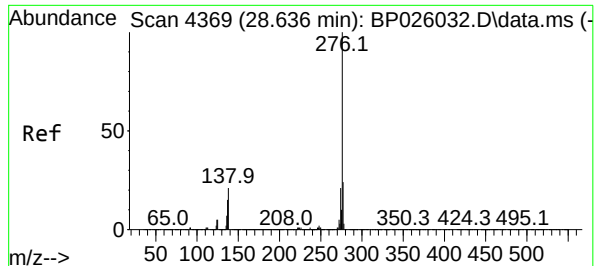
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.907 min Scan# 3735
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:264 Resp: 2586780
Ion Ratio Lower Upper
264 100
260 23.4 18.7 28.1
265 21.9 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.852 ng m

RT: 28.701 min Scan# 4369

Delta R.T. -0.006 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

Instrument :

BNA_P

ClientSampleId :

ICVBP111825

Tgt Ion:276 Resp: 773132

Ion Ratio Lower Upper

276 100

138 16.9 13.8 20.8

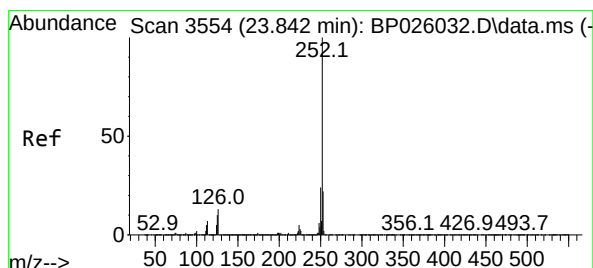
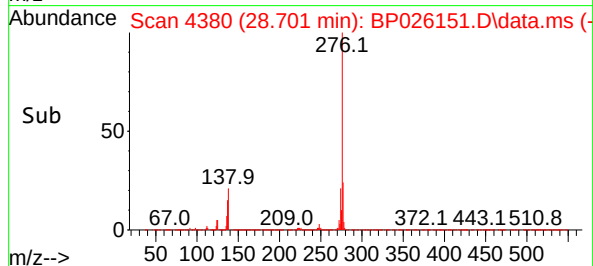
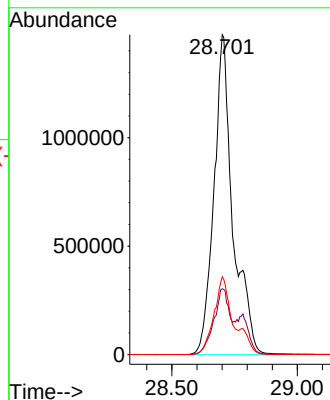
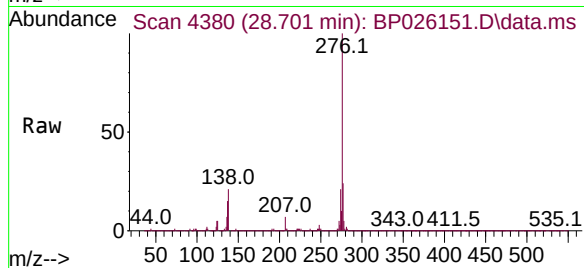
277 21.3 16.7 25.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#88

Benzo(b)fluoranthene

Concen: 40.239 ng

RT: 23.860 min Scan# 3557

Delta R.T. -0.006 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

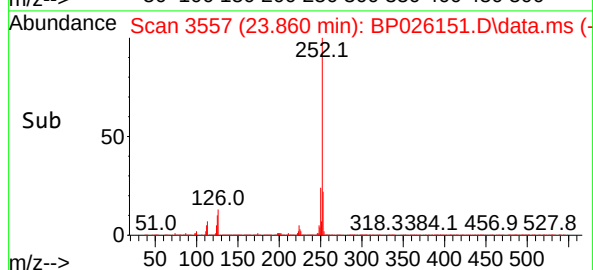
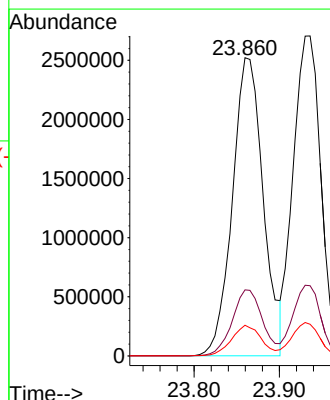
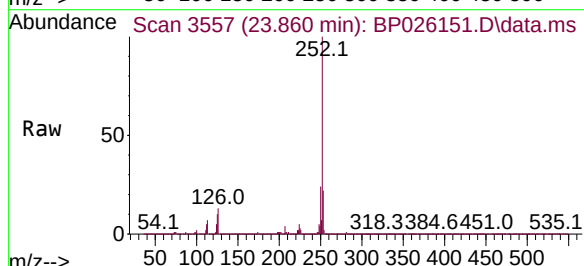
Tgt Ion:252 Resp: 6338827

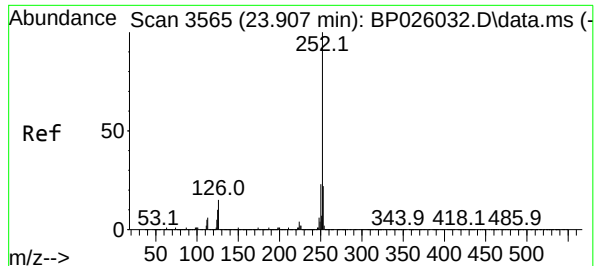
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 10.3 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 38.799 ng

RT: 23.936 min Scan# 3565

Delta R.T. 0.000 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

Instrument :

BNA_P

ClientSampleId :

ICVBP111825

Tgt Ion:252 Resp: 610484

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

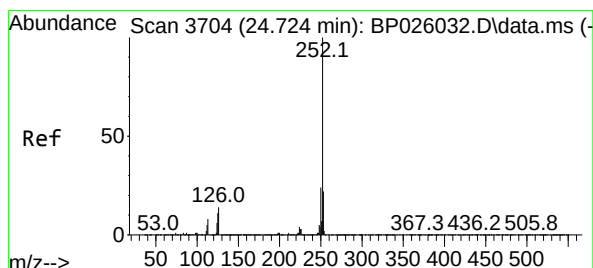
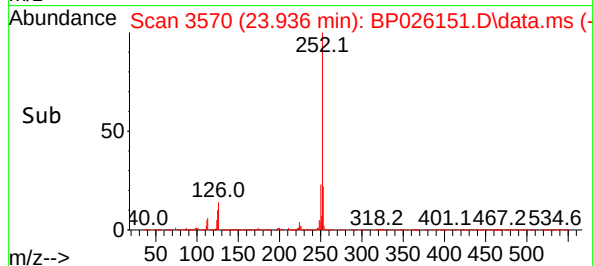
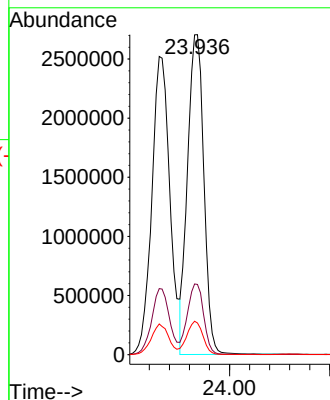
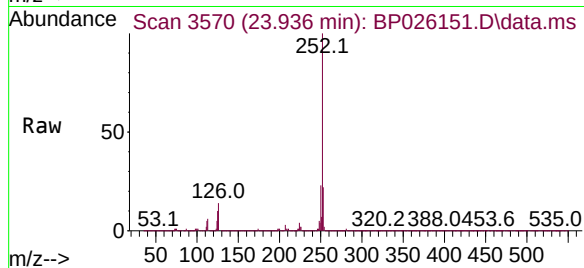
125 9.9 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#90

Benzo(a)pyrene

Concen: 39.855 ng

RT: 24.754 min Scan# 3709

Delta R.T. 0.000 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

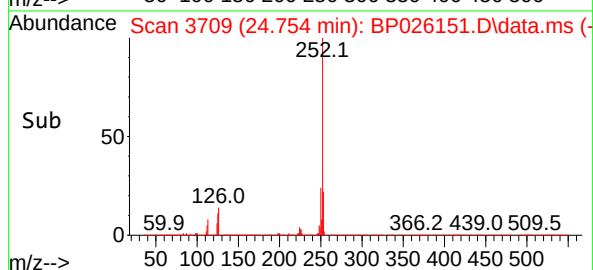
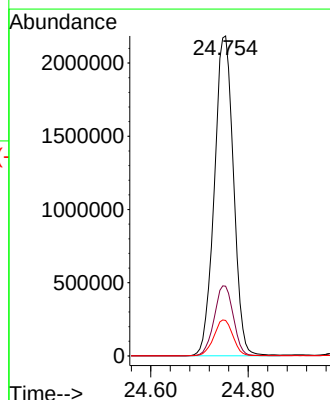
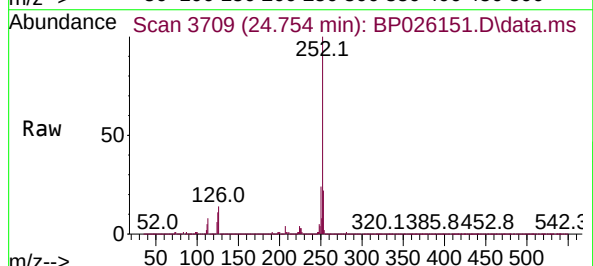
Tgt Ion:252 Resp: 5947125

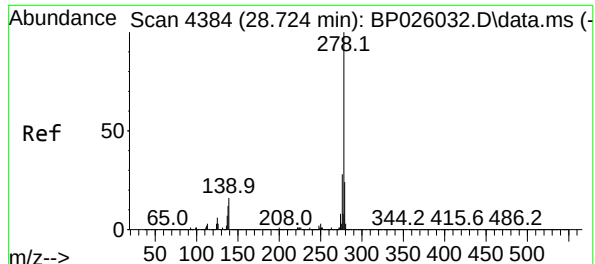
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 11.1 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 39.970 ng

RT: 28.783 min Scan# 4384

Delta R.T. -0.012 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

Instrument :

BNA_P

ClientSampleId :

ICVBP111825

Tgt Ion:278 Resp: 6347656

Ion Ratio Lower Upper

278 100

139 16.7 13.2 19.8

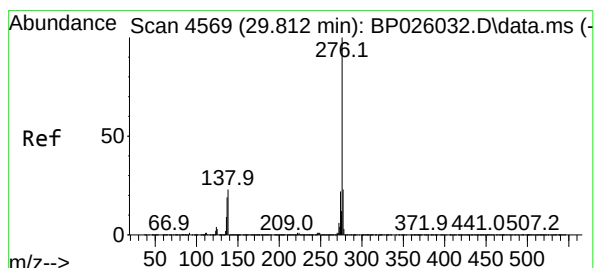
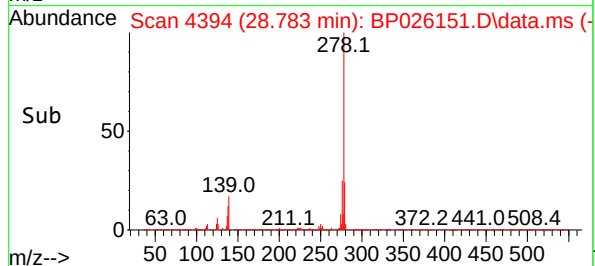
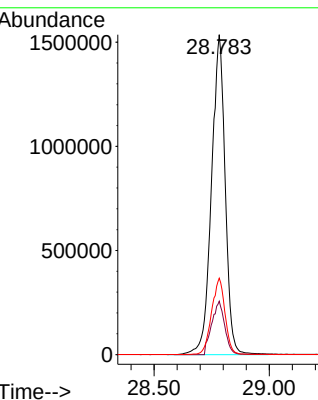
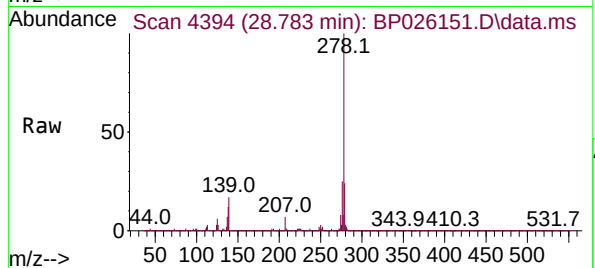
279 23.9 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#92

Benzo(g,h,i)perylene

Concen: 40.207 ng

RT: 29.859 min Scan# 4577

Delta R.T. -0.023 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

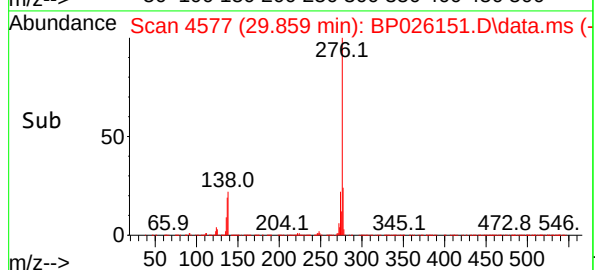
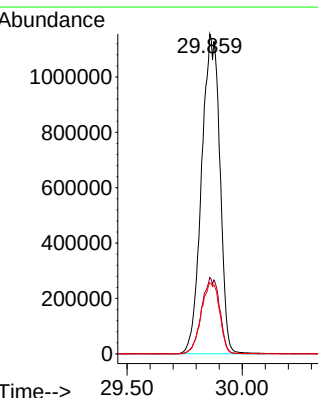
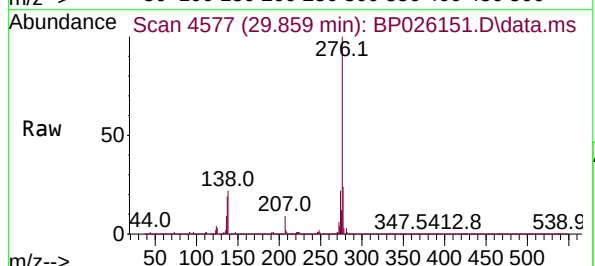
Tgt Ion:276 Resp: 6346496

Ion Ratio Lower Upper

276 100

277 23.9 18.8 28.2

138 22.2 17.8 26.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
 Data File : BP026151.D
 Acq On : 18 Nov 2025 23:25
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP111825

Quant Time: Nov 19 01:53:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 01:25:31 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	107	0.00
2	1,4-Dioxane	0.505	0.475	5.9	105	0.00
3	Pyridine	1.461	1.458	0.2	108	0.00
4	n-Nitrosodimethylamine	0.546	0.545	0.2	108	0.00
5 S	2-Fluorophenol	1.246	1.245	0.1	107	0.00
6	Aniline	2.094	2.186	-4.4	110	0.00
7 S	Phenol-d6	1.586	1.667	-5.1	111	0.00
8	2-Chlorophenol	1.418	1.459	-2.9	109	0.00
9	Benzaldehyde	0.831	0.948	-14.1	110	0.00
10 C	Phenol	1.709	1.797	-5.1	110	0.00
11	bis(2-Chloroethyl)ether	1.338	1.374	-2.7	108	0.00
12	1,3-Dichlorobenzene	1.528	1.512	1.0	106	0.00
13 C	1,4-Dichlorobenzene	1.540	1.530	0.6	107	0.00
14	1,2-Dichlorobenzene	1.479	1.498	-1.3	109	0.00
15	Benzyl Alcohol	1.162	1.232	-6.0	111	0.00
16	2,2'-oxybis(1-Chloropropane	1.879	1.916	-2.0	107	0.00
17	2-Methylphenol	1.163	1.237	-6.4	111	0.00
18	Hexachloroethane	0.560	0.567	-1.2	108	0.00
19 P	n-Nitroso-di-n-propylamine	0.985	1.067	-8.3	112	0.00
20	3+4-Methylphenols	1.612	1.712	-6.2	113	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	111	0.00
22	Acetophenone	0.508	0.505	0.6	111	0.00
23 S	Nitrobenzene-d5	0.352	0.355	-0.9	111	0.00
24	Nitrobenzene	0.356	0.358	-0.6	111	0.00
25	Isophorone	0.698	0.721	-3.3	113	0.00
26 C	2-Nitrophenol	0.180	0.190	-5.6	112	0.00
27	2,4-Dimethylphenol	0.325	0.330	-1.5	112	0.00
28	bis(2-Chloroethoxy)methane	0.437	0.442	-1.1	112	0.00
29 C	2,4-Dichlorophenol	0.325	0.334	-2.8	113	0.00
30	1,2,4-Trichlorobenzene	0.331	0.327	1.2	110	0.00
31	Naphthalene	1.081	1.069	1.1	111	0.00
32	Benzoic acid	0.274	0.290	-5.8	117	0.01
33	4-Chloroaniline	0.460	0.473	-2.8	112	0.00
34 C	Hexachlorobutadiene	0.215	0.210	2.3	109	0.00
35	Caprolactam	0.116	0.122	-5.2	116	0.01
36 C	4-Chloro-3-methylphenol	0.345	0.369	-7.0	116	0.00
37	2-Methylnaphthalene	0.766	0.784	-2.3	113	0.00
38	1-Methylnaphthalene	0.749	0.770	-2.8	112	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	114	0.00
40	1,2,4,5-Tetrachlorobenzene	0.605	0.584	3.5	111	0.00
41 P	Hexachlorocyclopentadiene	0.396	0.390	1.5	112	0.00
42 S	2,4,6-Tribromophenol	0.259	0.261	-0.8	112	0.00
43 C	2,4,6-Trichlorophenol	0.415	0.420	-1.2	114	0.00
44	2,4,5-Trichlorophenol	0.463	0.465	-0.4	113	0.00
45 S	2-Fluorobiphenyl	1.365	1.297	5.0	110	0.00
46	1,1'-Biphenyl	1.506	1.464	2.8	112	0.00
47	2-Chloronaphthalene	1.184	1.149	3.0	112	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
 Data File : BP026151.D
 Acq On : 18 Nov 2025 23:25
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP111825

Quant Time: Nov 19 01:53:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 01:25:31 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	0.329	0.345	-4.9	116	-0.01
49	Acenaphthylene	1.953	1.938	0.8	113	0.00
50	Dimethylphthalate	1.494	1.470	1.6	112	0.00
51	2,6-Dinitrotoluene	0.296	0.319	-7.8	115	0.00
52 C	Acenaphthene	1.145	1.114	2.7	111	0.00
53	3-Nitroaniline	0.349	0.369	-5.7	116	0.00
54 P	2,4-Dinitrophenol	0.179	0.190	-6.1	116	-0.01
55	Dibenzofuran	1.773	1.730	2.4	111	0.00
56 P	4-Nitrophenol	0.315	0.318	-1.0	114	-0.01
57	2,4-Dinitrotoluene	0.442	0.470	-6.3	114	0.00
58	Fluorene	1.401	1.365	2.6	112	0.00
59	2,3,4,6-Tetrachlorophenol	0.393	0.399	-1.5	113	0.00
60	Diethylphthalate	1.505	1.469	2.4	110	-0.01
61	4-Chlorophenyl-phenylether	0.697	0.678	2.7	111	0.00
62	4-Nitroaniline	0.362	0.368	-1.7	115	0.00
63	Azobenzene	1.269	1.264	0.4	111	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	113	0.00
65	4,6-Dinitro-2-methylphenol	0.127	0.134	-5.5	113	0.00
66 c	n-Nitrosodiphenylamine	0.619	0.619	0.0	112	0.00
67	4-Bromophenyl-phenylether	0.221	0.227	-2.7	111	0.00
68	Hexachlorobenzene	0.257	0.259	-0.8	110	0.00
69	Atrazine	0.233	0.232	0.4	110	0.00
70 C	Pentachlorophenol	0.180	0.183	-1.7	113	0.00
71	Phenanthrene	1.127	1.125	0.2	113	0.00
72	Anthracene	1.149	1.150	-0.1	111	0.00
73	Carbazole	1.091	1.085	0.5	111	0.00
74	Di-n-butylphthalate	1.294	1.257	2.9	104	0.00
75 C	Fluoranthene	1.369	1.339	2.2	110	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	110	0.00
77	Benzidine	0.635	0.631	0.6	112	0.00
78	Pyrene	1.311	1.334	-1.8	110	0.00
79 S	Terphenyl-d14	0.981	0.961	2.0	107	0.00
80	Butylbenzylphthalate	0.578	0.566	2.1	103	0.00
81	Benzo(a)anthracene	1.374	1.365	0.7	109	0.00
82	3,3'-Dichlorobenzidine	0.500	0.502	-0.4	110	0.00
83	Chrysene	1.295	1.293	0.2	111	0.00
84	Bis(2-ethylhexyl)phthalate	0.874	0.852	2.5	100	0.00
85 c	Di-n-octyl phthalate	1.529	1.474	3.6	102	0.00
86 I	Perylene-d12	1.000	1.000	0.0	115	0.00
87	Indeno(1,2,3-cd)pyrene	1.500	1.494	0.4	114	0.00
88	Benzo(b)fluoranthene	1.218	1.225	-0.6	114	0.00
89	Benzo(k)fluoranthene	1.217	1.180	3.0	112	0.00
90 C	Benzo(a)pyrene	1.154	1.150	0.3	113	0.00
91	Dibenzo(a,h)anthracene	1.228	1.227	0.1	114	-0.01
92	Benzo(g,h,i)perylene	1.220	1.227	-0.6	116	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026151.D
Acq On : 18 Nov 2025 23:25
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Quant Time: Nov 19 01:53:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 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\BP111825\
 Data File : BP026151.D
 Acq On : 18 Nov 2025 23:25
 Operator : RC/JU
 Sample : SSTDICV040
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 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP111825

Quant Time: Nov 19 01:53:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 01:25:31 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	107	0.00
2	1,4-Dioxane	40.000	37.593	6.0	105	0.00
3	Pyridine	40.000	39.921	0.2	108	0.00
4	n-Nitrosodimethylamine	40.000	39.942	0.1	108	0.00
5 S	2-Fluorophenol	80.000	79.929	0.1	107	0.00
6	Aniline	40.000	41.740	-4.4	110	0.00
7 S	Phenol-d6	80.000	84.094	-5.1	111	0.00
8	2-Chlorophenol	40.000	41.146	-2.9	109	0.00
9	Benzaldehyde	40.000	45.618	-14.0	110	0.00
10 C	Phenol	40.000	42.060	-5.2	110	0.00
11	bis(2-Chloroethyl)ether	40.000	41.067	-2.7	108	0.00
12	1,3-Dichlorobenzene	40.000	39.587	1.0	106	0.00
13 C	1,4-Dichlorobenzene	40.000	39.742	0.6	107	0.00
14	1,2-Dichlorobenzene	40.000	40.516	-1.3	109	0.00
15	Benzyl Alcohol	40.000	42.414	-6.0	111	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	40.794	-2.0	107	0.00
17	2-Methylphenol	40.000	42.532	-6.3	111	0.00
18	Hexachloroethane	40.000	40.466	-1.2	108	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	43.311	-8.3	112	0.00
20	3+4-Methylphenols	40.000	42.486	-6.2	113	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	111	0.00
22	Acetophenone	40.000	39.758	0.6	111	0.00
23 S	Nitrobenzene-d5	80.000	80.717	-0.9	111	0.00
24	Nitrobenzene	40.000	40.166	-0.4	111	0.00
25	Isophorone	40.000	41.325	-3.3	113	0.00
26 C	2-Nitrophenol	40.000	42.113	-5.3	112	0.00
27	2,4-Dimethylphenol	40.000	40.595	-1.5	112	0.00
28	bis(2-Chloroethoxy)methane	40.000	40.412	-1.0	112	0.00
29 C	2,4-Dichlorophenol	40.000	41.185	-3.0	113	0.00
30	1,2,4-Trichlorobenzene	40.000	39.515	1.2	110	0.00
31	Naphthalene	40.000	39.543	1.1	111	0.00
32	Benzoic acid	40.000	42.328	-5.8	117	0.01
33	4-Chloroaniline	40.000	41.152	-2.9	112	0.00
34 C	Hexachlorobutadiene	40.000	38.979	2.6	109	0.00
35	Caprolactam	40.000	41.978	-4.9	116	0.01
36 C	4-Chloro-3-methylphenol	40.000	42.798	-7.0	116	0.00
37	2-Methylnaphthalene	40.000	40.901	-2.3	113	0.00
38	1-Methylnaphthalene	40.000	41.101	-2.8	112	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	114	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	38.653	3.4	111	0.00
41 P	Hexachlorocyclopentadiene	40.000	39.451	1.4	112	0.00
42 S	2,4,6-Tribromophenol	80.000	80.522	-0.7	112	0.00
43 C	2,4,6-Trichlorophenol	40.000	40.482	-1.2	114	0.00
44	2,4,5-Trichlorophenol	40.000	40.200	-0.5	113	0.00
45 S	2-Fluorobiphenyl	80.000	76.016	5.0	110	0.00
46	1,1'-Biphenyl	40.000	38.891	2.8	112	0.00
47	2-Chloronaphthalene	40.000	38.816	3.0	112	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
 Data File : BP026151.D
 Acq On : 18 Nov 2025 23:25
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP111825

Quant Time: Nov 19 01:53:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 01:25:31 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	41.880	-4.7	116	-0.01
49	Acenaphthylene	40.000	39.676	0.8	113	0.00
50	Dimethylphthalate	40.000	39.365	1.6	112	0.00
51	2,6-Dinitrotoluene	40.000	43.045	-7.6	115	0.00
52 C	Acenaphthene	40.000	38.919	2.7	111	0.00
53	3-Nitroaniline	40.000	42.369	-5.9	116	0.00
54 P	2,4-Dinitrophenol	40.000	42.569	-6.4	116	-0.01
55	Dibenzofuran	40.000	39.037	2.4	111	0.00
56 P	4-Nitrophenol	40.000	40.312	-0.8	114	-0.01
57	2,4-Dinitrotoluene	40.000	42.577	-6.4	114	0.00
58	Fluorene	40.000	38.962	2.6	112	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	40.668	-1.7	113	0.00
60	Diethylphthalate	40.000	39.059	2.4	110	-0.01
61	4-Chlorophenyl-phenylether	40.000	38.882	2.8	111	0.00
62	4-Nitroaniline	40.000	40.700	-1.8	115	0.00
63	Azobenzene	40.000	39.832	0.4	111	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	113	0.00
65	4,6-Dinitro-2-methylphenol	40.000	42.199	-5.5	113	0.00
66 c	n-Nitrosodiphenylamine	40.000	40.009	-0.0	112	0.00
67	4-Bromophenyl-phenylether	40.000	40.921	-2.3	111	0.00
68	Hexachlorobenzene	40.000	40.295	-0.7	110	0.00
69	Atrazine	40.000	39.843	0.4	110	0.00
70 C	Pentachlorophenol	40.000	40.719	-1.8	113	0.00
71	Phenanthrene	40.000	39.930	0.2	113	0.00
72	Anthracene	40.000	40.026	-0.1	111	0.00
73	Carbazole	40.000	39.777	0.6	111	0.00
74	Di-n-butylphthalate	40.000	38.873	2.8	104	0.00
75 C	Fluoranthene	40.000	39.137	2.2	110	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	110	0.00
77	Benzydine	40.000	39.739	0.7	112	0.00
78	Pyrene	40.000	40.685	-1.7	110	0.00
79 S	Terphenyl-d14	80.000	78.411	2.0	107	0.00
80	Butylbenzylphthalate	40.000	39.196	2.0	103	0.00
81	Benzo(a)anthracene	40.000	39.748	0.6	109	0.00
82	3,3'-Dichlorobenzidine	40.000	40.210	-0.5	110	0.00
83	Chrysene	40.000	39.951	0.1	111	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	38.974	2.6	100	0.00
85 c	Di-n-octyl phthalate	40.000	38.576	3.6	102	0.00
86 I	Perylene-d12	20.000	20.000	0.0	115	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	39.852	0.4	114	0.00
88	Benzo(b)fluoranthene	40.000	40.239	-0.6	114	0.00
89	Benzo(k)fluoranthene	40.000	38.799	3.0	112	0.00
90 C	Benzo(a)pyrene	40.000	39.855	0.4	113	0.00
91	Dibenzo(a,h)anthracene	40.000	39.970	0.1	114	-0.01
92	Benzo(g,h,i)perylene	40.000	40.207	-0.5	116	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026151.D
Acq On : 18 Nov 2025 23:25
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Quant Time: Nov 19 01:53:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 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:	<u>Alliance</u>	Contract:	<u>ROMA02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3604</u>
Instrument ID:	<u>BNA_F</u>	Calibration Date/Time:	<u>11/26/2025 13:30</u>
Lab File ID:	<u>BF144358.D</u>	Init. Calib. Date(s):	<u>11/05/2025 11/05/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>12:50 16:49</u>
GC Column:	<u>DB-UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.278	1.275		-0.2	
Benzaldehyde	0.818	0.878		7.3	
Phenol-d6	1.448	1.387		-4.2	
Phenol	1.769	1.736		-1.9	20.0
bis(2-Chloroethyl)ether	1.289	1.314		1.9	
2-Chlorophenol	1.253	1.227		-2.1	
2-Methylphenol	0.997	0.994		-0.3	
2,2-oxybis(1-Chloropropane)	2.374	2.427		2.2	
Acetophenone	0.429	0.417		-2.8	
3+4-Methylphenols	1.175	1.113		-5.3	
n-Nitroso-di-n-propylamine	0.953	0.878	0.050	-7.9	
Nitrobenzene-d5	0.346	0.346		0.0	
Hexachloroethane	0.515	0.493		-4.3	
Nitrobenzene	0.376	0.374		-0.5	
Isophorone	0.655	0.663		1.2	
2-Nitrophenol	0.186	0.198		6.5	20.0
2,4-Dimethylphenol	0.279	0.283		1.4	
bis(2-Chloroethoxy)methane	0.409	0.426		4.2	
2,4-Dichlorophenol	0.322	0.322		0.0	20.0
Naphthalene	0.951	0.951		0.0	
4-Chloroaniline	0.347	0.359		3.5	
Hexachlorobutadiene	0.249	0.230		-7.6	20.0
Caprolactam	0.088	0.094		6.8	
4-Chloro-3-methylphenol	0.288	0.295		2.4	20.0
2-Methylnaphthalene	0.636	0.643		1.1	
Hexachlorocyclopentadiene	0.195	0.174	0.050	-10.8	
2,4,6-Trichlorophenol	0.446	0.435		-2.5	20.0
2-Fluorobiphenyl	1.354	1.265		-6.6	
2,4,5-Trichlorophenol	0.481	0.457		-5.0	
1,1-Biphenyl	1.396	1.350		-3.3	
2-Chloronaphthalene	1.191	1.157		-2.9	
2-Nitroaniline	0.344	0.347		0.9	
Dimethylphthalate	1.325	1.353		2.1	
Acenaphthylene	1.623	1.633		0.6	
2,6-Dinitrotoluene	0.268	0.277		3.4	
3-Nitroaniline	0.293	0.310		5.8	
Acenaphthene	1.085	1.003		-7.6	20.0
2,4-Dinitrophenol	0.162	0.185	0.050	14.2	
4-Nitrophenol	0.212	0.202	0.050	-4.7	



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Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: ROMA02
 Lab Code: ACE SDG No.: Q3604
 Instrument ID: BNA_F Calibration Date/Time: 11/26/2025 13:30
 Lab File ID: BF144358.D Init. Calib. Date(s): 11/05/2025 11/05/2025
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:50 16:49
 GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.520	1.493		-1.8	
2,4-Dinitrotoluene	0.359	0.375		4.5	
Diethylphthalate	1.221	1.264		3.5	
4-Chlorophenyl-phenylether	0.658	0.634		-3.6	
Fluorene	1.156	1.157		0.1	
4-Nitroaniline	0.279	0.289		3.6	
4,6-Dinitro-2-methylphenol	0.136	0.122		-10.3	
n-Nitrosodiphenylamine	0.643	0.634		-1.4	20.0
2,4,6-Tribromophenol	0.251	0.239		-4.8	
4-Bromophenyl-phenylether	0.255	0.239		-6.3	
Hexachlorobenzene	0.301	0.275		-8.6	
Atrazine	0.205	0.195		-4.9	
Pentachlorophenol	0.150	0.146		-2.7	20.0
Phenanthrene	0.996	0.978		-1.8	
Anthracene	1.013	1.014		0.1	
Carbazole	0.861	0.847		-1.6	
Di-n-butylphthalate	1.041	1.117		7.3	
Fluoranthene	1.029	0.987		-4.1	20.0
Pyrene	1.613	1.676		3.9	
Terphenyl-d14	1.259	1.262		0.2	
Butylbenzylphthalate	0.559	0.635		13.6	
3,3-Dichlorobenzidine	0.475	0.485		2.1	
Benzo (a) anthracene	1.386	1.411		1.8	
Chrysene	1.280	1.361		6.3	
Bis(2-ethylhexyl)phthalate	0.765	0.880		15.0	
Di-n-octyl phthalate	1.320	1.540		16.7	20.0
Benzo (b) fluoranthene	1.137	1.103		-3.0	
Benzo (k) fluoranthene	1.064	1.092		2.6	
Benzo (a) pyrene	1.049	1.056		0.7	20.0
Indeno (1,2,3-cd) pyrene	1.436	1.361		-5.2	
Dibenzo (a,h) anthracene	1.153	1.094		-5.1	
Benzo (g,h,i) perylene	1.139	1.080		-5.2	
1,2,4,5-Tetrachlorobenzene	0.655	0.616		-6.0	
1,4-Dioxane	0.528	0.543		2.8	20.0
2,3,4,6-Tetrachlorophenol	0.340	0.336		-1.2	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
 Data File : BF144358.D
 Acq On : 26 Nov 2025 13:30
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Nov 26 13:49:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	61998	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	227764	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	130458	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	228211	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	137488	20.000	ng	# 0.00
86) Perylene-d12	15.521	264	181907	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	316085	79.782	ng	-0.01
7) Phenol-d6	6.498	99	344045	76.640	ng	0.00
23) Nitrobenzene-d5	7.428	82	315463	79.993	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	124886	76.285	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	660061	74.726	ng	0.00
79) Terphenyl-d14	12.980	244	694139	80.194	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.581	88	67352	41.120	ng	98
3) Pyridine	3.357	79	189120	41.386	ng	98
4) n-Nitrosodimethylamine	3.299	42	83681	35.058	ng	90
6) Aniline	6.528	93	250014	39.090	ng	97
8) 2-Chlorophenol	6.651	128	152145	39.159	ng	97
9) Benzaldehyde	6.416	77	108883	42.954	ng	98
10) Phenol	6.510	94	215285	39.252	ng	97
11) bis(2-Chloroethyl)ether	6.598	93	162957	40.775	ng	99
12) 1,3-Dichlorobenzene	6.804	146	183746	38.325	ng	98
13) 1,4-Dichlorobenzene	6.881	146	184759	38.466	ng	99
14) 1,2-Dichlorobenzene	7.034	146	178196	38.706	ng	97
15) Benzyl Alcohol	7.004	79	138263	38.897	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.134	45	300892	40.884	ng	93
17) 2-Methylphenol	7.116	107	123237	39.870	ng	98
18) Hexachloroethane	7.375	117	61135	38.311	ng	98
19) n-Nitroso-di-n-propyla...	7.275	70	108927	36.859	ng	96
20) 3+4-Methylphenols	7.275	107	138067	37.893	ng	92
22) Acetophenone	7.275	105	189743	38.834	ng	99
24) Nitrobenzene	7.445	77	170420	39.801	ng	97
25) Isophorone	7.687	82	302058	40.493	ng	98
26) 2-Nitrophenol	7.763	139	90123	42.519	ng	94
27) 2,4-Dimethylphenol	7.798	122	129009	40.608	ng	98
28) bis(2-Chloroethoxy)met...	7.892	93	193873	41.620	ng	97
29) 2,4-Dichlorophenol	8.004	162	146706	40.066	ng	99
30) 1,2,4-Trichlorobenzene	8.087	180	144573	38.451	ng	98
31) Naphthalene	8.169	128	433206	39.984	ng	99
32) Benzoic acid	7.916	122	86460	37.128	ng	90
33) 4-Chloroaniline	8.216	127	163521	41.382	ng	99
34) Hexachlorobutadiene	8.281	225	104761	36.970	ng	99
35) Caprolactam	8.592	113	42912	42.776	ng	98
36) 4-Chloro-3-methylphenol	8.698	107	134480	40.980	ng	99
37) 2-Methylnaphthalene	8.857	142	292804	40.421	ng	99
38) 1-Methylnaphthalene	8.957	142	278735	39.879	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	160720	37.591	ng	98
41) Hexachlorocyclopentadiene	9.010	237	45408	36.012	ng	95
43) 2,4,6-Trichlorophenol	9.139	196	113575	39.029	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
 Data File : BF144358.D
 Acq On : 26 Nov 2025 13:30
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Nov 26 13:49:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

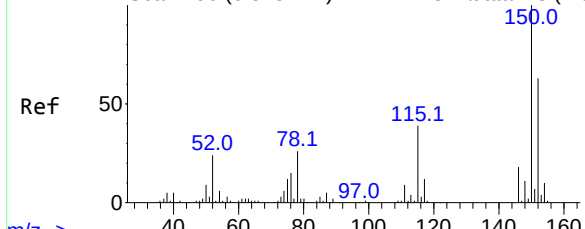
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	119156	37.992	ng	99
46) 1,1'-Biphenyl	9.322	154	352310	38.688	ng	99
47) 2-Chloronaphthalene	9.351	162	301988	38.877	ng	98
48) 2-Nitroaniline	9.445	65	90620	40.432	ng	96
49) Acenaphthylene	9.763	152	426138	40.257	ng	99
50) Dimethylphthalate	9.616	163	353006	40.845	ng	99
51) 2,6-Dinitrotoluene	9.686	165	72349	41.353	ng	97
52) Acenaphthene	9.934	154	261640	36.962	ng	99
53) 3-Nitroaniline	9.863	138	80777	42.236	ng	97
54) 2,4-Dinitrophenol	9.975	184	48299	45.717	ng	94
55) Dibenzofuran	10.110	168	389422	39.280	ng	100
56) 4-Nitrophenol	10.028	139	52660	38.064	ng	92
57) 2,4-Dinitrotoluene	10.092	165	97946	41.820	ng	# 100
58) Fluorene	10.451	166	301794	40.038	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	87657	39.503	ng	99
60) Diethylphthalate	10.322	149	329902	41.408	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	165497	38.545	ng	100
62) 4-Nitroaniline	10.475	138	75534	41.472	ng	91
63) Azobenzene	10.604	77	309983	41.806	ng	97
65) 4,6-Dinitro-2-methylph...	10.510	198	55891	36.051	ng	95
66) n-Nitrosodiphenylamine	10.563	169	289317	39.417	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	109150	37.471	ng	97
68) Hexachlorobenzene	11.004	284	125445	36.562	ng	98
69) Atrazine	11.092	200	89043	38.146	ng	97
70) Pentachlorophenol	11.204	266	66655	39.013	ng	97
71) Phenanthrene	11.422	178	446599	39.305	ng	99
72) Anthracene	11.469	178	462648	40.044	ng	99
73) Carbazole	11.628	167	386607	39.352	ng	99
74) Di-n-butylphthalate	11.951	149	509802	42.925	ng	99
75) Fluoranthene	12.610	202	450444	38.377	ng	98
77) Benzidine	12.733	184	205175	50.451	ng	99
78) Pyrene	12.839	202	460732	41.562	ng	99
80) Butylbenzylphthalate	13.457	149	174559	45.433	ng	97
81) Benzo(a)anthracene	14.033	228	387931	40.711	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	133248	40.795	ng	96
83) Chrysene	14.069	228	374149	42.534	ng	99
84) Bis(2-ethylhexyl)phtha...	14.016	149	241874	45.987	ng	100
85) Di-n-octyl phthalate	14.627	149	423391	46.657	ng	99
87) Indeno(1,2,3-cd)pyrene	17.033	276	495326	37.933	ng	# 96
88) Benzo(b)fluoranthene	15.092	252	401113	38.786	ng	99
89) Benzo(k)fluoranthene	15.121	252	397316	41.046	ng	98
90) Benzo(a)pyrene	15.463	252	384073	40.256	ng	# 98
91) Dibenzo(a,h)anthracene	17.045	278	397938	37.946	ng	98
92) Benzo(g,h,i)perylene	17.486	276	392773	37.927	ng	98

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

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

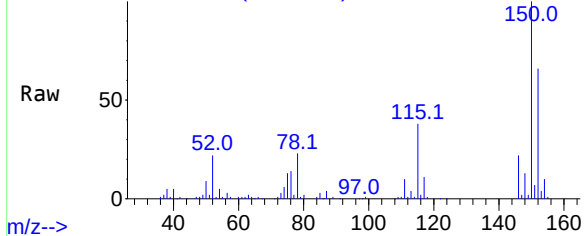
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Abundance Scan 796 (6.875 min): BF144173.D\data.ms (-79)



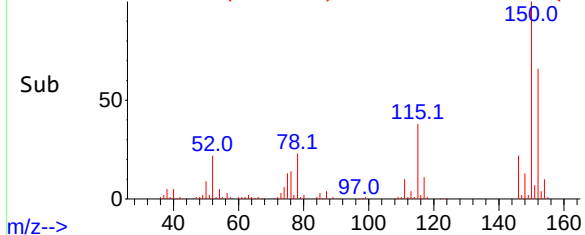
m/z-->

Abundance Scan 794 (6.863 min): BF144358.D\data.ms



m/z-->

Abundance Scan 794 (6.863 min): BF144358.D\data.ms (-77)



m/z-->

#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.863 min Scan# 79

Delta R.T. -0.012 min

Lab File: BF144358.D

Acq: 26 Nov 2025 13:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:152 Resp: 61998

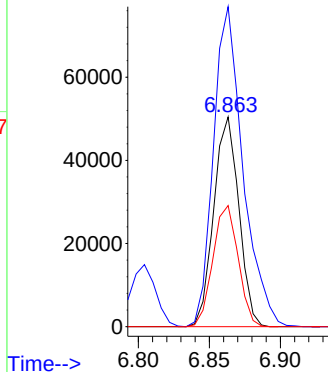
Ion Ratio Lower Upper

152 100

150 152.6 127.4 191.0

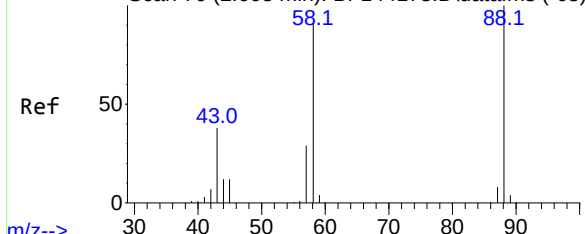
115 57.7 49.5 74.3

Abundance



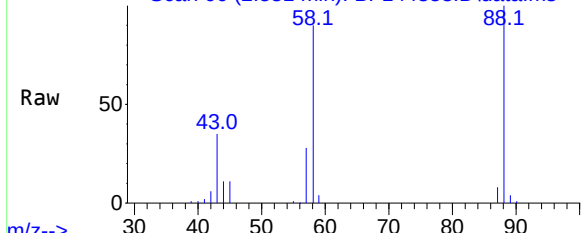
Time-->

Abundance Scan 70 (2.605 min): BF144173.D\data.ms (-63)



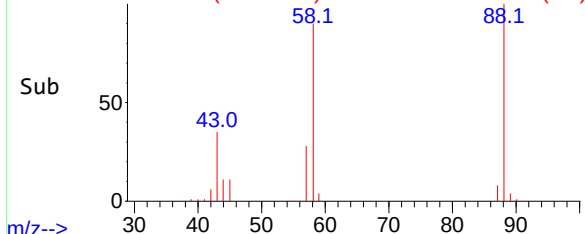
m/z-->

Abundance Scan 66 (2.581 min): BF144358.D\data.ms



m/z-->

Abundance Scan 66 (2.581 min): BF144358.D\data.ms (-13)



m/z-->

#2

1,4-Dioxane

Concen: 41.120 ng

RT: 2.581 min Scan# 66

Delta R.T. -0.035 min

Lab File: BF144358.D

Acq: 26 Nov 2025 13:30

Tgt Ion: 88 Resp: 67352

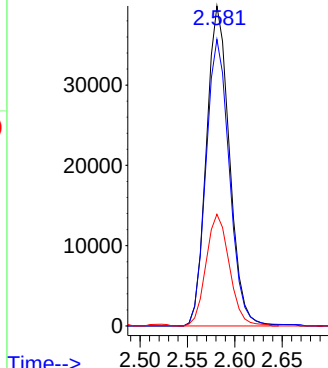
Ion Ratio Lower Upper

88 100

58 91.4 73.1 109.7

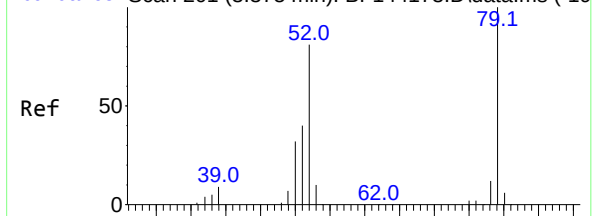
43 35.4 31.0 46.6

Abundance



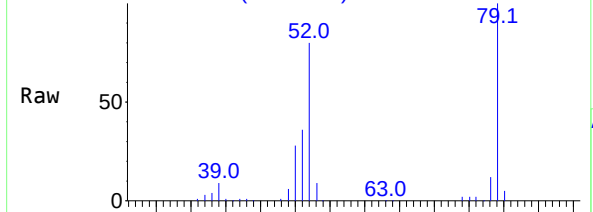
Time-->

Abundance Scan 201 (3.375 min): BF144173.D\data.ms (-19



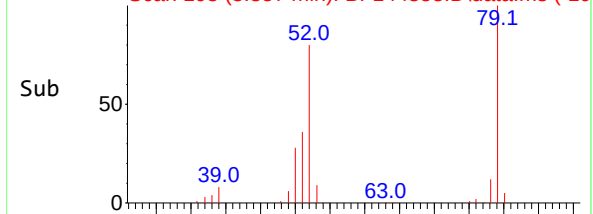
m/z-->

Abundance Scan 198 (3.357 min): BF144358.D\data.ms



m/z-->

Abundance Scan 198 (3.357 min): BF144358.D\data.ms (-19



m/z-->

#3

Pyridine

Concen: 41.386 ng

RT: 3.357 min Scan# 198

Delta R.T. -0.053 min

Lab File: BF144358.D

Acq: 26 Nov 2025 13:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 189120

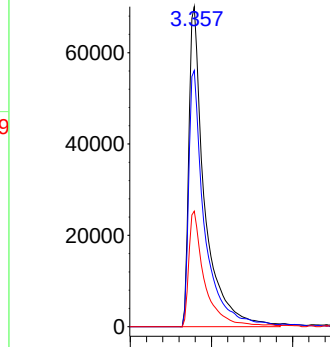
Ion Ratio Lower Upper

79 100

52 80.1 64.5 96.7

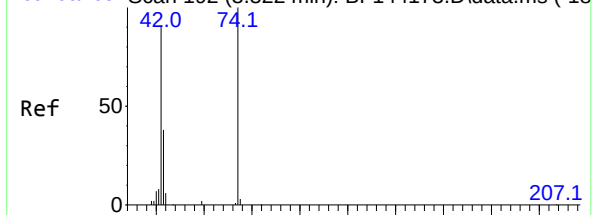
51 36.1 31.7 47.5

Abundance



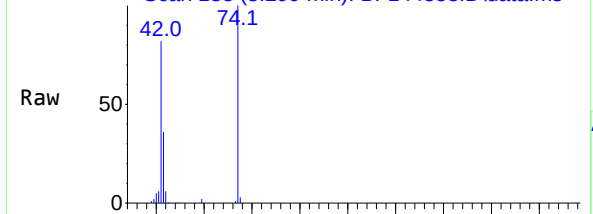
Time-->

Abundance Scan 192 (3.322 min): BF144173.D\data.ms (-18



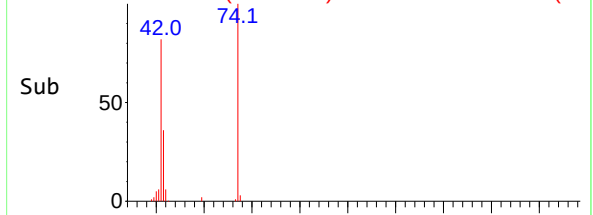
m/z-->

Abundance Scan 188 (3.299 min): BF144358.D\data.ms



m/z-->

Abundance Scan 188 (3.299 min): BF144358.D\data.ms (-17



m/z-->

#4

n-Nitrosodimethylamine

Concen: 35.058 ng

RT: 3.299 min Scan# 188

Delta R.T. -0.047 min

Lab File: BF144358.D

Acq: 26 Nov 2025 13:30

Tgt Ion: 42 Resp: 83681

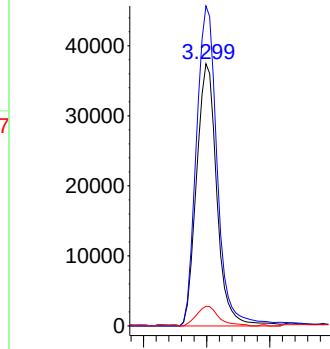
Ion Ratio Lower Upper

42 100

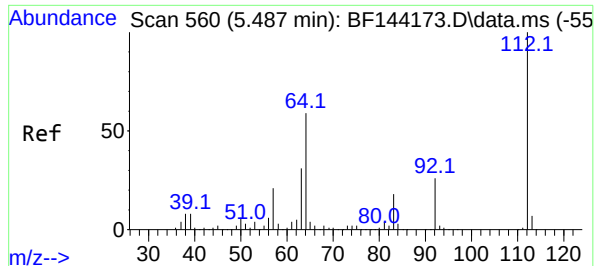
74 122.0 88.2 132.4

44 7.5 5.7 8.5

Abundance



Time-->



#5

2-Fluorophenol

Concen: 79.782 ng

RT: 5.481 min Scan# 51

Delta R.T. -0.012 min

Lab File: BF144358.D

Acq: 26 Nov 2025 13:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

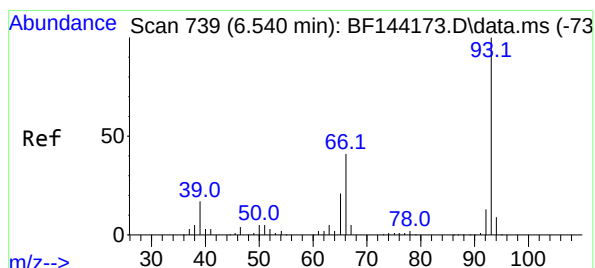
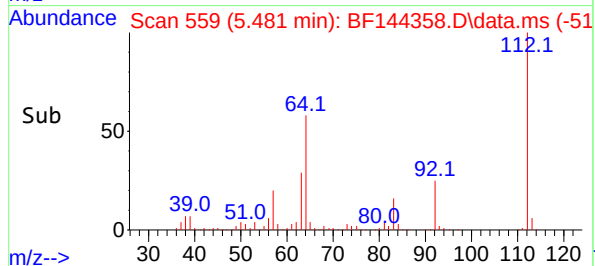
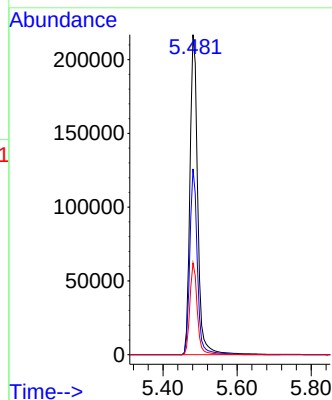
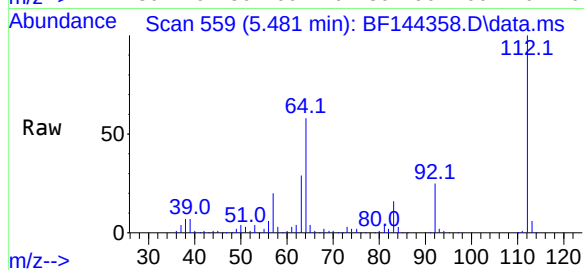
Tgt Ion:112 Resp: 316085

Ion Ratio Lower Upper

112 100

64 58.0 47.2 70.8

63 28.7 24.4 36.6



#6

Aniline

Concen: 39.090 ng

RT: 6.528 min Scan# 737

Delta R.T. -0.006 min

Lab File: BF144358.D

Acq: 26 Nov 2025 13:30

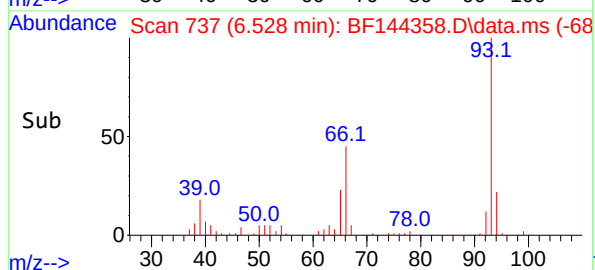
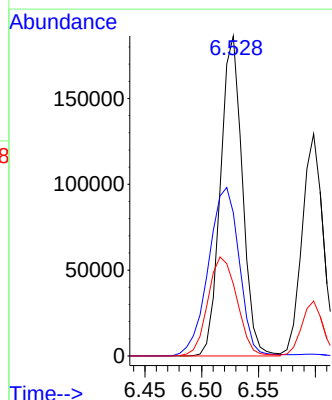
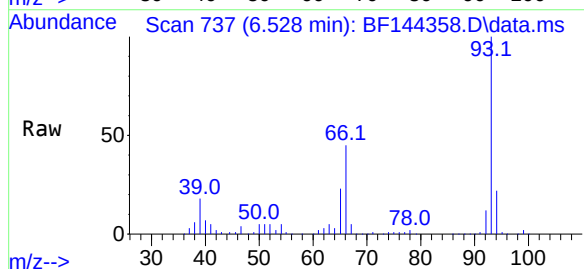
Tgt Ion: 93 Resp: 250014

Ion Ratio Lower Upper

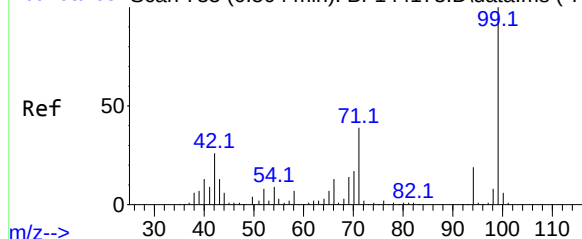
93 100

66 44.8 34.3 51.5

65 22.5 16.9 25.3



Abundance Scan 733 (6.504 min): BF144173.D\data.ms (-72



#7

Phenol-d6

Concen: 76.640 ng

RT: 6.498 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF144358.D

Acq: 26 Nov 2025 13:30

Instrument :

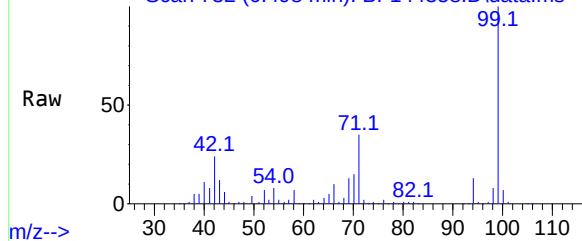
BNA_F

ClientSampleId :

SSTDCCC040

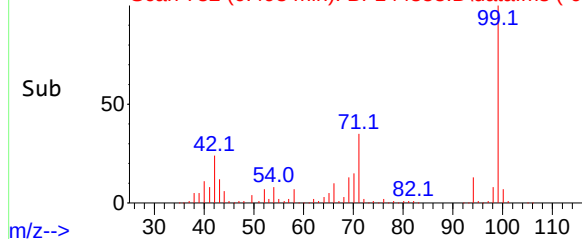
m/z-->

Abundance Scan 732 (6.498 min): BF144358.D\data.ms



m/z-->

Abundance Scan 732 (6.498 min): BF144358.D\data.ms (-68



m/z-->

Tgt Ion: 99 Resp: 344045

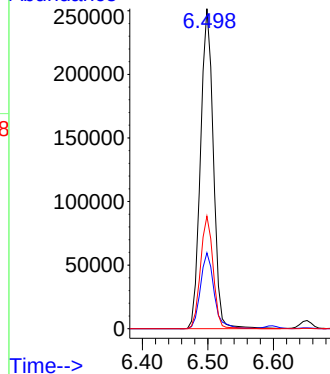
Ion Ratio Lower Upper

99 100

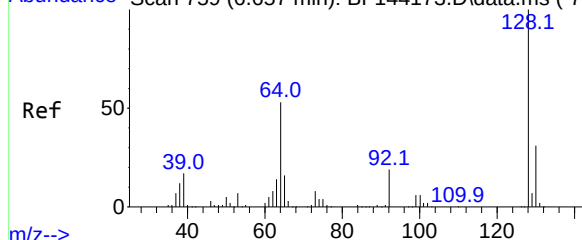
42 23.7 20.9 31.3

71 35.2 31.4 47.2

Abundance

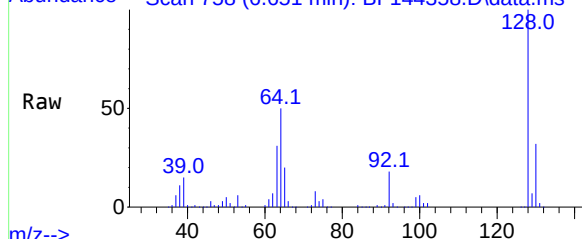


Abundance Scan 759 (6.657 min): BF144173.D\data.ms (-75



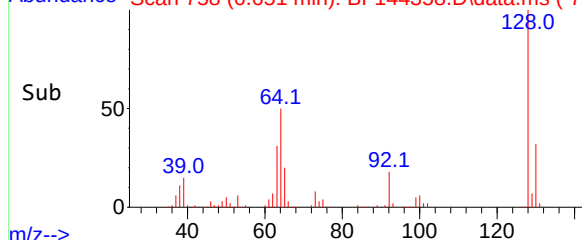
m/z-->

Abundance Scan 758 (6.651 min): BF144358.D\data.ms



m/z-->

Abundance Scan 758 (6.651 min): BF144358.D\data.ms (-70



m/z-->

#8

2-Chlorophenol

Concen: 39.159 ng

RT: 6.651 min Scan# 758

Delta R.T. -0.006 min

Lab File: BF144358.D

Acq: 26 Nov 2025 13:30

Tgt Ion: 128 Resp: 152145

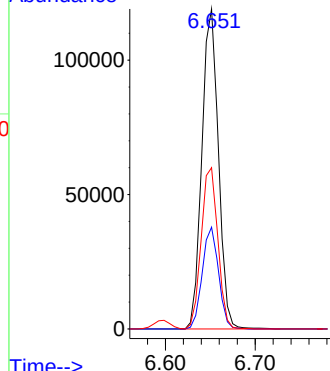
Ion Ratio Lower Upper

128 100

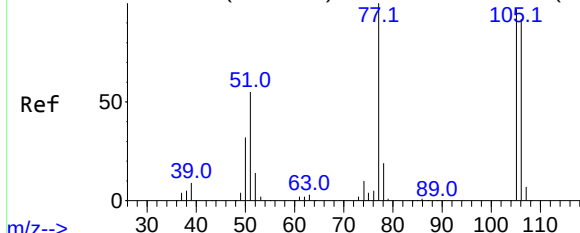
130 31.8 10.5 50.5

64 50.4 33.2 73.2

Abundance



Abundance Scan 720 (6.428 min): BF144173.D\data.ms (-71



#9

Benzaldehyde

Concen: 42.954 ng

RT: 6.416 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF144358.D

Acq: 26 Nov 2025 13:30

Instrument :

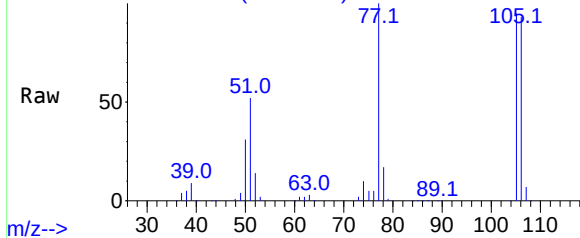
BNA_F

ClientSampleId :

SSTDCCC040

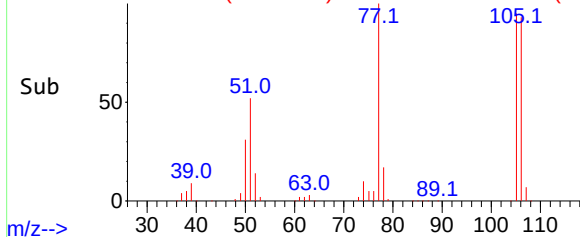
m/z-->

Abundance Scan 718 (6.416 min): BF144358.D\data.ms



m/z-->

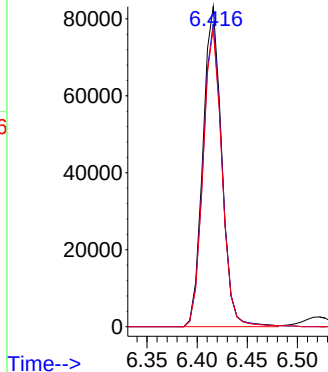
Abundance Scan 718 (6.416 min): BF144358.D\data.ms (-66



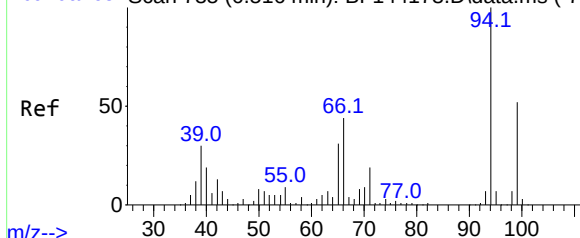
m/z-->

Tgt Ion:	77	Resp:	108883
Ion	Ratio	Lower	Upper
77	100		
105	94.7	77.2	117.2
106	93.2	72.2	112.2

Abundance

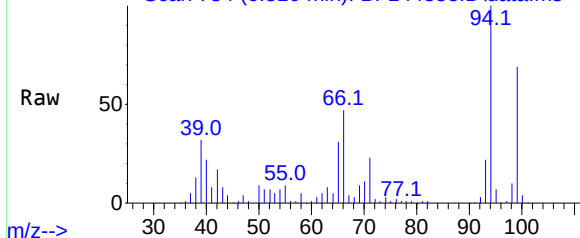


Abundance Scan 735 (6.516 min): BF144173.D\data.ms (-72



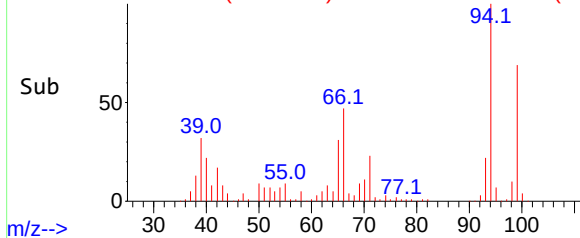
m/z-->

Abundance Scan 734 (6.510 min): BF144358.D\data.ms



m/z-->

Abundance Scan 734 (6.510 min): BF144358.D\data.ms (-68



m/z-->

#10

Phenol

Concen: 39.252 ng

RT: 6.510 min Scan# 734

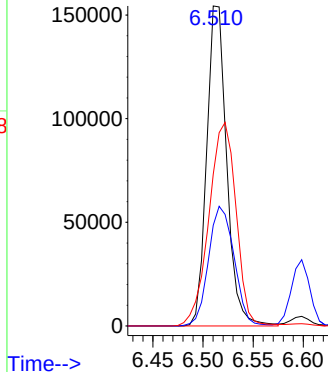
Delta R.T. -0.000 min

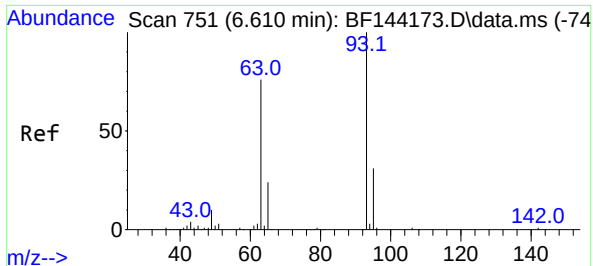
Lab File: BF144358.D

Acq: 26 Nov 2025 13:30

Tgt Ion:	94	Resp:	215285
Ion	Ratio	Lower	Upper
94	100		
65	31.5	10.8	50.8
66	47.4	24.3	64.3

Abundance

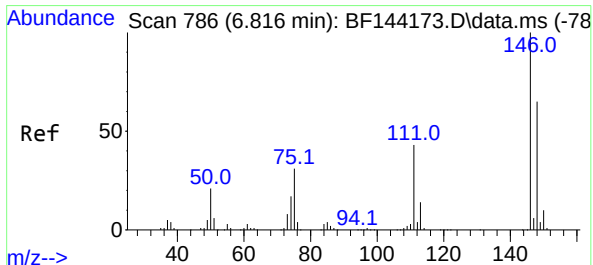
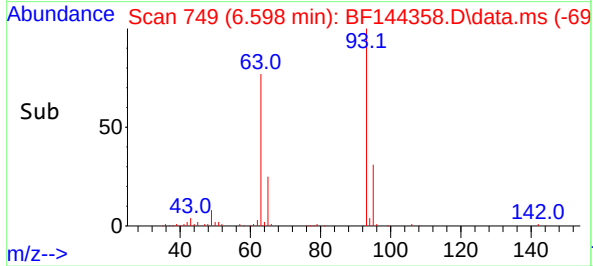
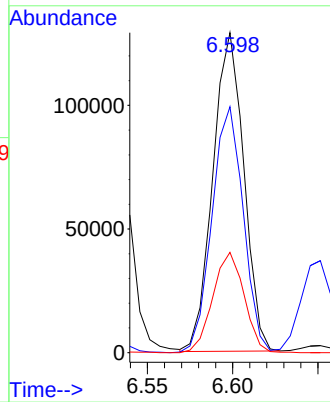
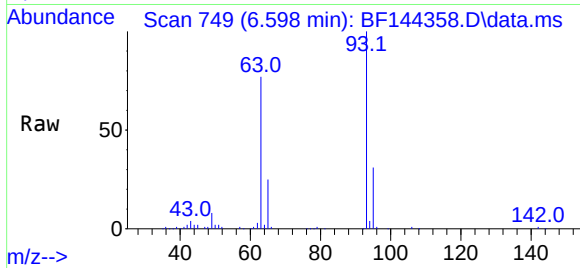




#11
bis(2-Chloroethyl)ether
Concen: 40.775 ng
RT: 6.598 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

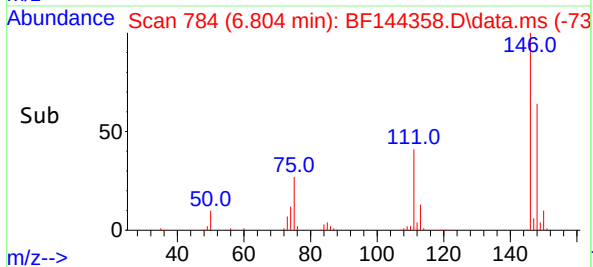
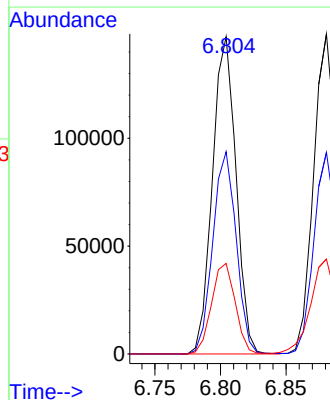
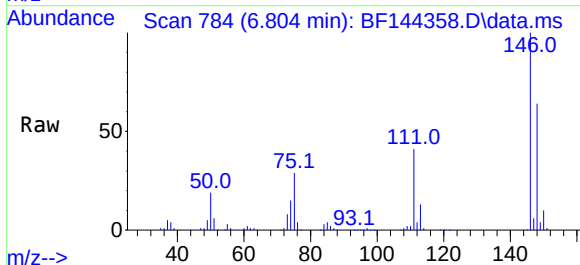
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 162957
Ion Ratio Lower Upper
93 100
63 76.9 55.2 95.2
95 31.4 11.2 51.2

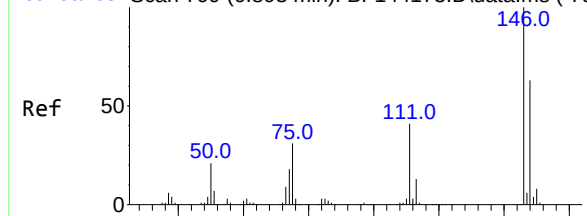


#12
1,3-Dichlorobenzene
Concen: 38.325 ng
RT: 6.804 min Scan# 784
Delta R.T. -0.012 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

Tgt Ion: 146 Resp: 183746
Ion Ratio Lower Upper
146 100
148 63.8 51.8 77.8
75 28.6 25.0 37.4



Abundance Scan 799 (6.893 min): BF144173.D\data.ms (-79



#13

1,4-Dichlorobenzene

Concen: 38.466 ng

RT: 6.881 min Scan# 79

Delta R.T. -0.012 min

Lab File: BF144358.D

Acq: 26 Nov 2025 13:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 184759

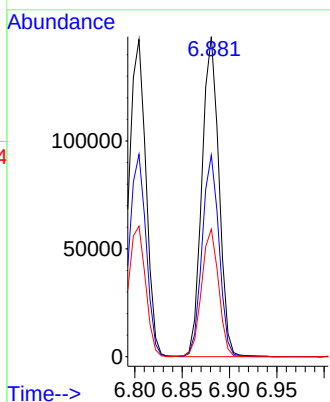
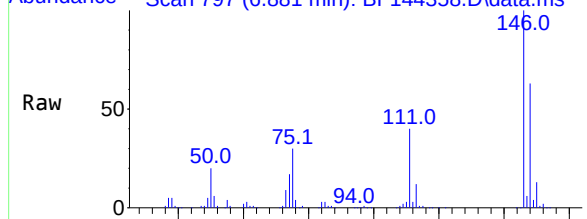
Ion Ratio Lower Upper

146 100

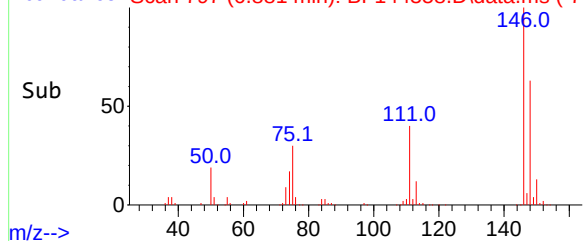
148 63.0 50.2 75.2

111 39.8 32.6 48.8

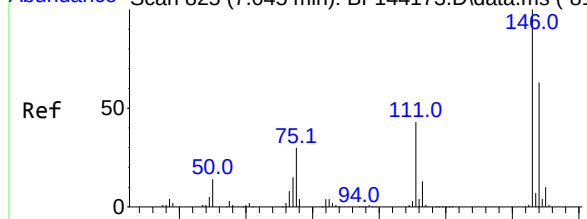
Abundance Scan 797 (6.881 min): BF144358.D\data.ms



Abundance Scan 797 (6.881 min): BF144358.D\data.ms (-74



Abundance Scan 825 (7.045 min): BF144173.D\data.ms (-81



#14

1,2-Dichlorobenzene

Concen: 38.706 ng

RT: 7.034 min Scan# 823

Delta R.T. -0.012 min

Lab File: BF144358.D

Acq: 26 Nov 2025 13:30

Tgt Ion:146 Resp: 178196

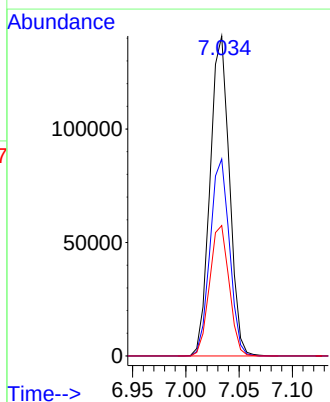
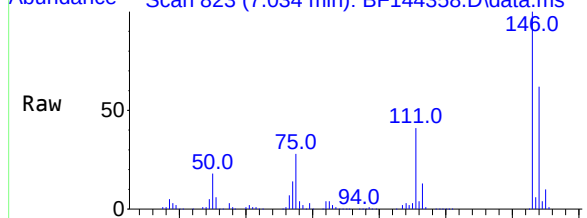
Ion Ratio Lower Upper

146 100

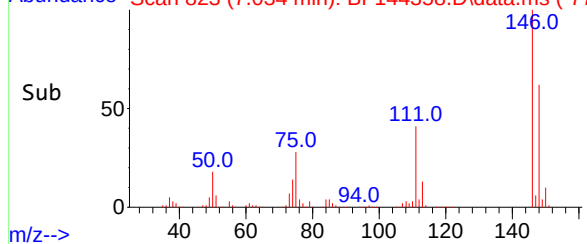
148 61.6 50.7 76.1

111 40.8 34.2 51.4

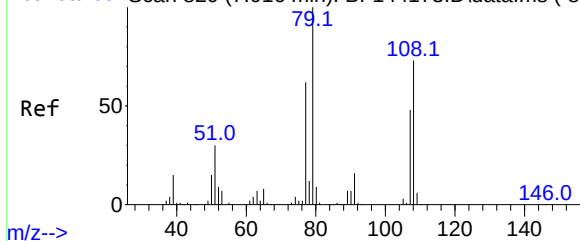
Abundance Scan 823 (7.034 min): BF144358.D\data.ms



Abundance Scan 823 (7.034 min): BF144358.D\data.ms (-77



Abundance Scan 820 (7.016 min): BF144173.D\data.ms (-81



#15

Benzyl Alcohol

Concen: 38.897 ng

RT: 7.004 min Scan# 81

Delta R.T. -0.018 min

Lab File: BF144358.D

Acq: 26 Nov 2025 13:30

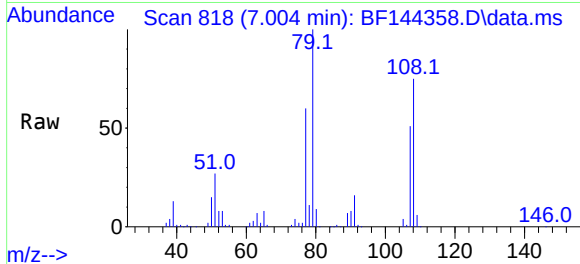
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

m/z--> Abundance Scan 818 (7.004 min): BF144358.D\data.ms



Tgt Ion: 79 Resp: 138263

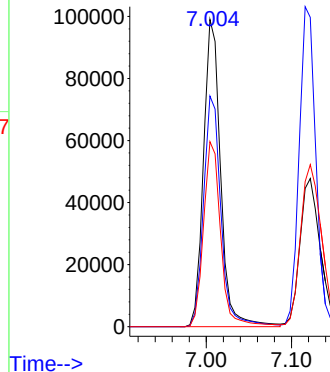
Ion Ratio Lower Upper

79 100

108 75.1 58.2 87.4

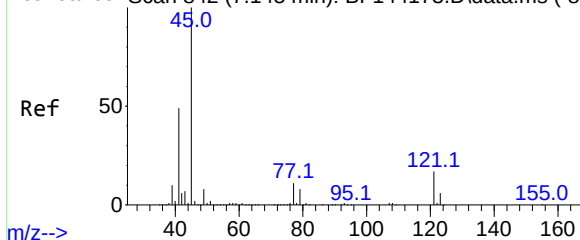
77 60.2 49.9 74.9

Abundance



Time-->

Abundance Scan 842 (7.145 min): BF144173.D\data.ms (-83



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.884 ng

RT: 7.134 min Scan# 840

Delta R.T. -0.006 min

Lab File: BF144358.D

Acq: 26 Nov 2025 13:30

Tgt Ion: 45 Resp: 300892

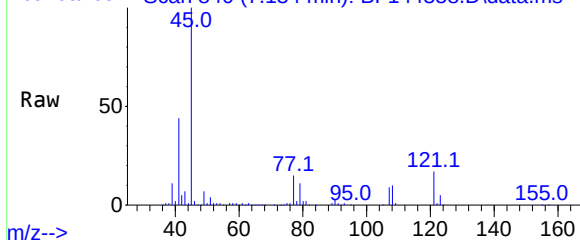
Ion Ratio Lower Upper

45 100

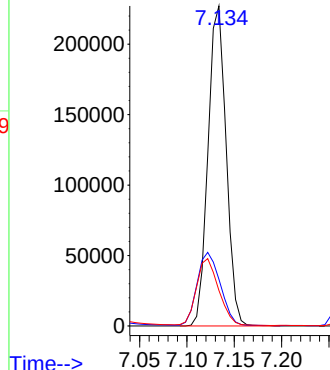
77 14.6 0.0 31.8

79 11.1 0.0 29.1

m/z--> Abundance Scan 840 (7.134 min): BF144358.D\data.ms

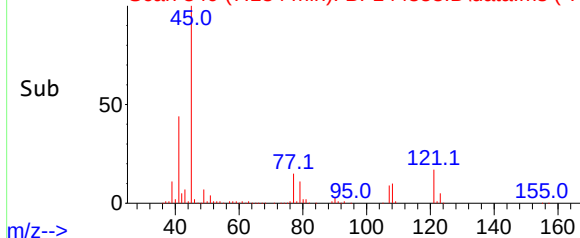


Abundance

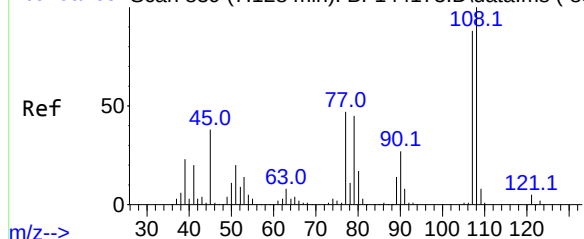


Time-->

Abundance Scan 840 (7.134 min): BF144358.D\data.ms (-79

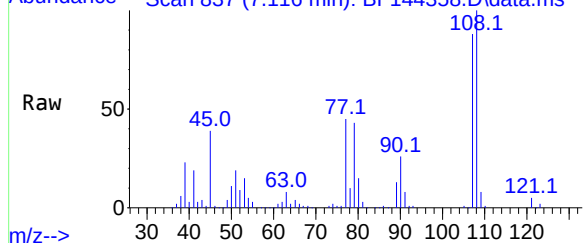


Abundance Scan 839 (7.128 min): BF144173.D\data.ms (-83



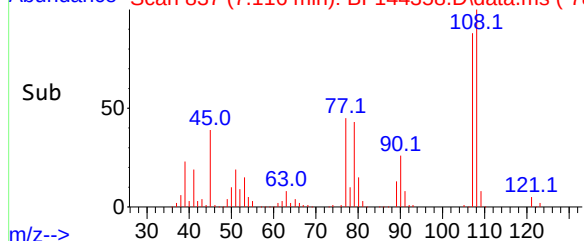
m/z-->

Abundance Scan 837 (7.116 min): BF144358.D\data.ms



m/z-->

Abundance Scan 837 (7.116 min): BF144358.D\data.ms (-78



m/z-->

#17

2-Methylphenol

Concen: 39.870 ng

RT: 7.116 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF144358.D

Acq: 26 Nov 2025 13:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 123237

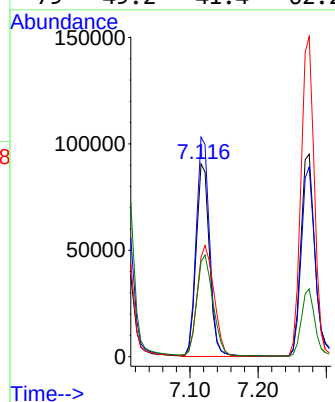
Ion Ratio Lower Upper

107 100

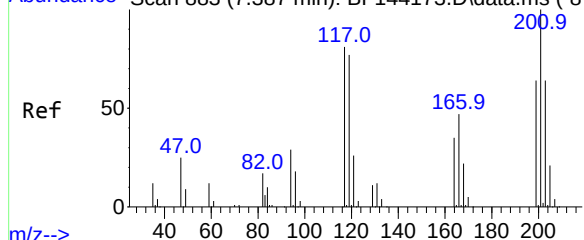
108 113.8 91.0 136.4

77 51.6 42.7 64.1

79 49.2 41.4 62.2

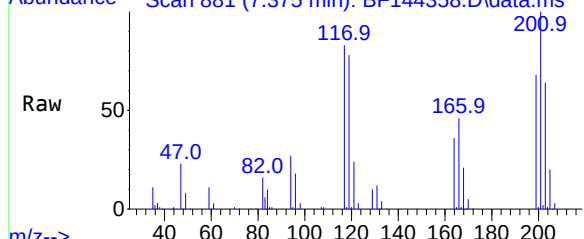


Abundance Scan 883 (7.387 min): BF144173.D\data.ms (-87



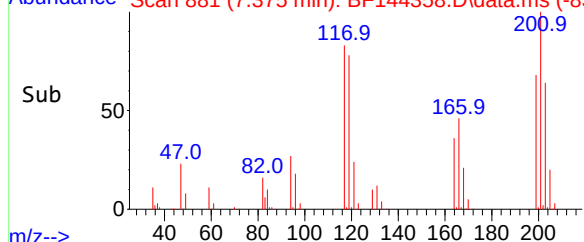
m/z-->

Abundance Scan 881 (7.375 min): BF144358.D\data.ms



m/z-->

Abundance Scan 881 (7.375 min): BF144358.D\data.ms (-83



m/z-->

#18

Hexachloroethane

Concen: 38.311 ng

RT: 7.375 min Scan# 881

Delta R.T. -0.012 min

Lab File: BF144358.D

Acq: 26 Nov 2025 13:30

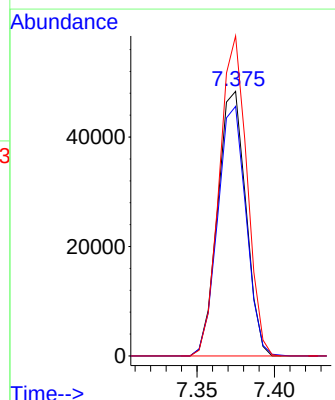
Tgt Ion:117 Resp: 61135

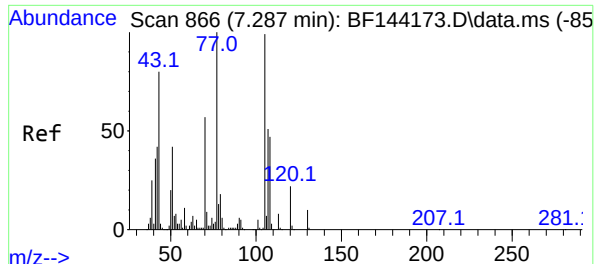
Ion Ratio Lower Upper

117 100

119 94.3 75.8 113.8

201 120.9 98.9 148.3





#19

n-Nitroso-di-n-propylamine

Concen: 36.859 ng

RT: 7.275 min Scan# 864

Delta R.T. -0.000 min

Lab File: BF144358.D

Acq: 26 Nov 2025 13:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 108927

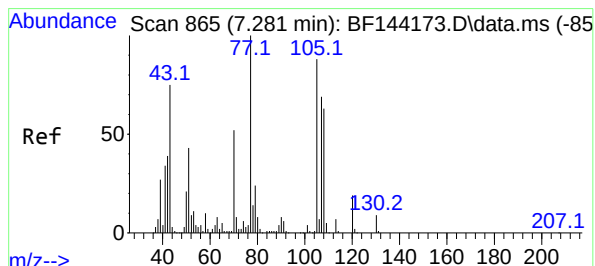
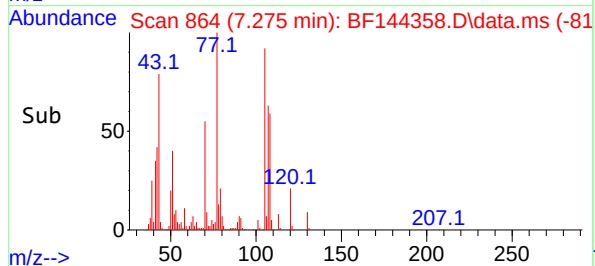
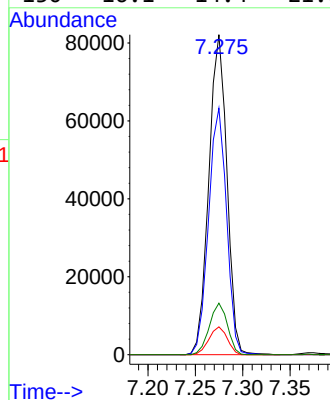
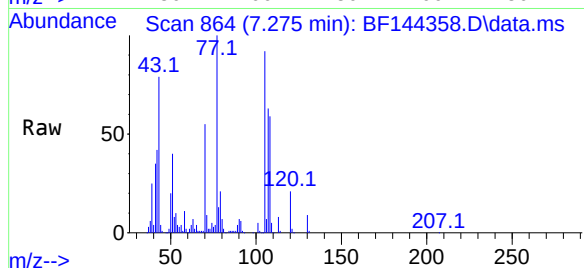
Ion Ratio Lower Upper

70 100

42 77.0 58.3 87.5

101 8.7 7.0 10.6

130 16.1 14.4 21.6



#20

3+4-Methylphenols

Concen: 37.893 ng

RT: 7.275 min Scan# 864

Delta R.T. -0.012 min

Lab File: BF144358.D

Acq: 26 Nov 2025 13:30

Tgt Ion: 107 Resp: 138067

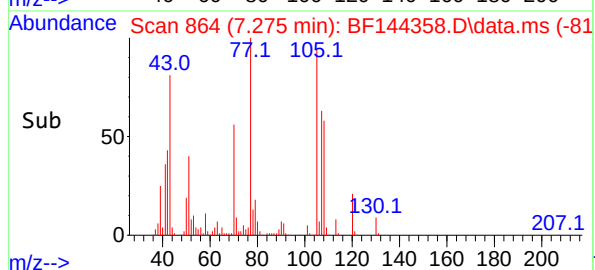
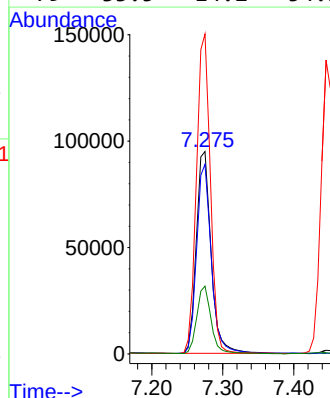
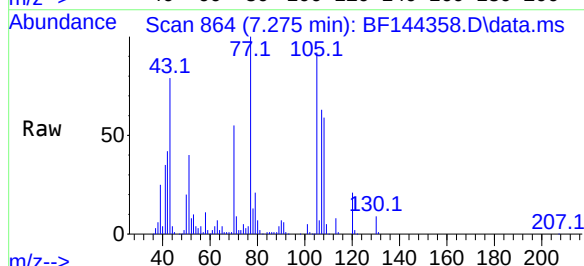
Ion Ratio Lower Upper

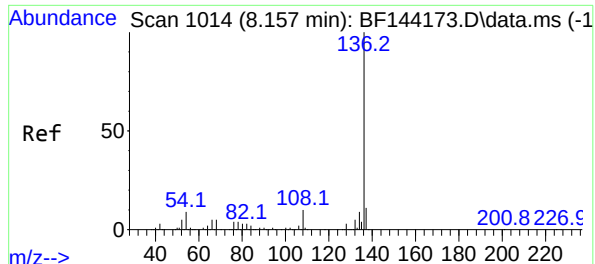
107 100

108 93.7 70.2 110.2

77 158.0 123.9 163.9

79 33.5 14.2 54.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.145 min Scan# 1014

Delta R.T. -0.012 min

Lab File: BF144358.D

Acq: 26 Nov 2025 13:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 227764

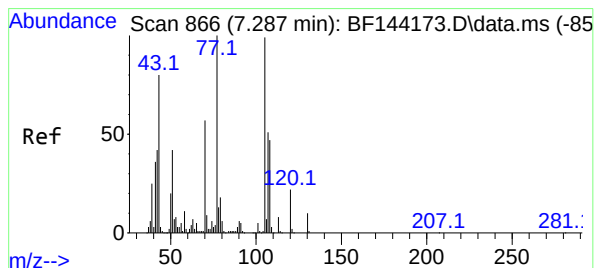
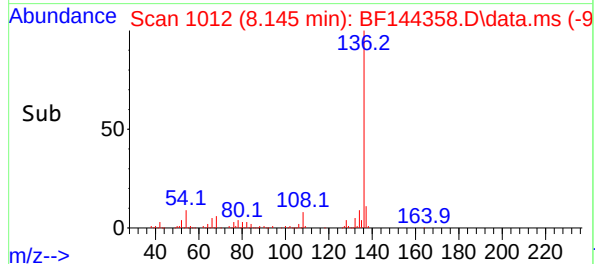
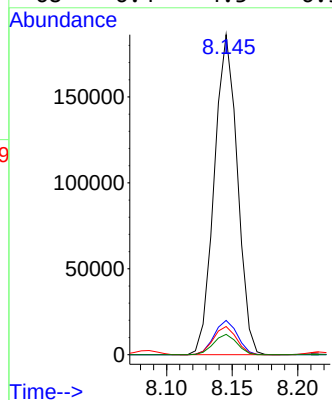
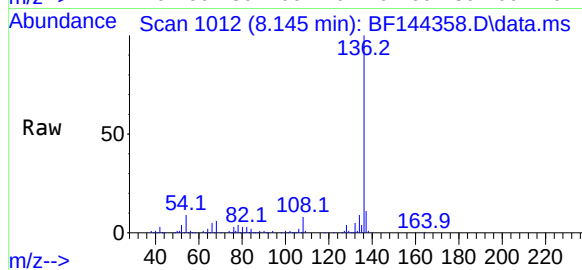
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 8.8 7.0 10.6

68 6.4 4.3 6.5



#22

Acetophenone

Concen: 38.834 ng

RT: 7.275 min Scan# 864

Delta R.T. -0.006 min

Lab File: BF144358.D

Acq: 26 Nov 2025 13:30

Tgt Ion:105 Resp: 189743

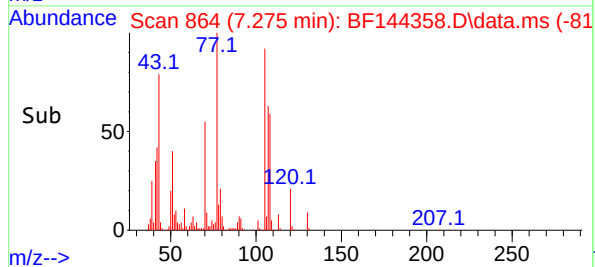
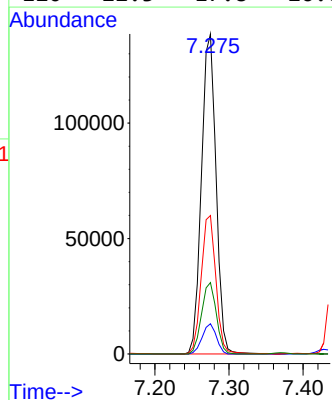
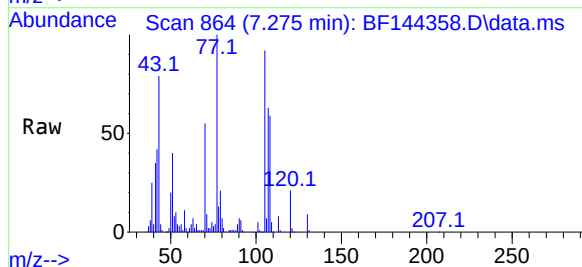
Ion Ratio Lower Upper

105 100

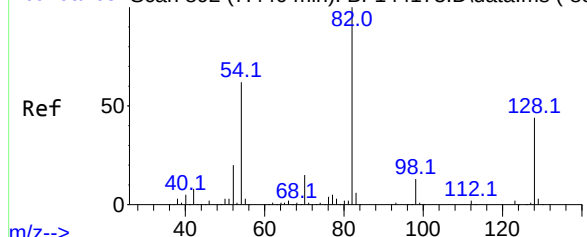
71 9.4 7.2 10.8

51 43.3 34.0 51.0

120 22.3 17.8 26.6



Abundance Scan 892 (7.440 min): BF144173.D\data.ms (-88



#23

Nitrobenzene-d5

Concen: 79.993 ng

RT: 7.428 min Scan# 892

Delta R.T. -0.006 min

Lab File: BF144358.D

Acq: 26 Nov 2025 13:30

Instrument :

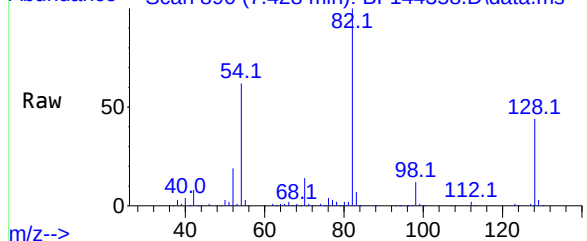
BNA_F

ClientSampleId :

SSTDCCC040

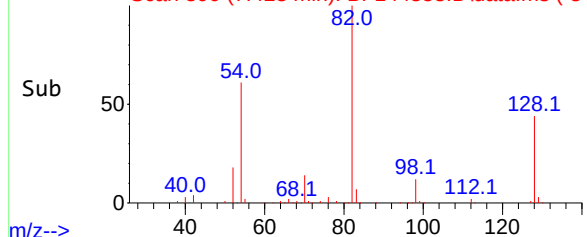
m/z-->

Abundance Scan 890 (7.428 min): BF144358.D\data.ms



m/z-->

Abundance Scan 890 (7.428 min): BF144358.D\data.ms (-84



m/z-->

Tgt Ion: 82 Resp: 315463

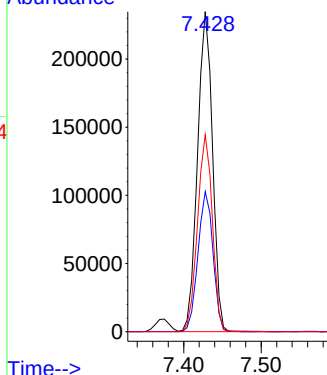
Ion Ratio Lower Upper

82 100

128 43.8 34.7 52.1

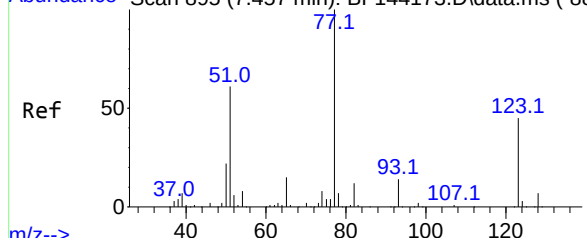
54 61.5 49.5 74.3

Abundance



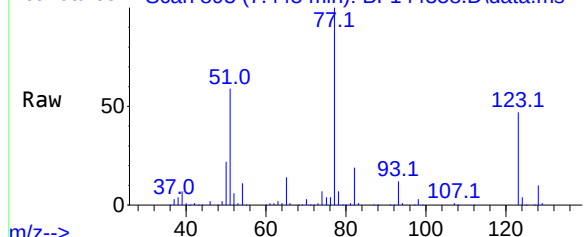
Time-->

Abundance Scan 895 (7.457 min): BF144173.D\data.ms (-88



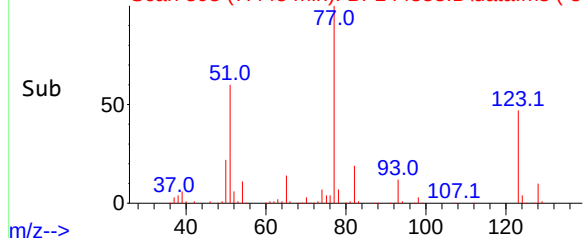
m/z-->

Abundance Scan 893 (7.445 min): BF144358.D\data.ms



m/z-->

Abundance Scan 893 (7.445 min): BF144358.D\data.ms (-84



m/z-->

#24

Nitrobenzene

Concen: 39.801 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.006 min

Lab File: BF144358.D

Acq: 26 Nov 2025 13:30

Tgt Ion: 77 Resp: 170420

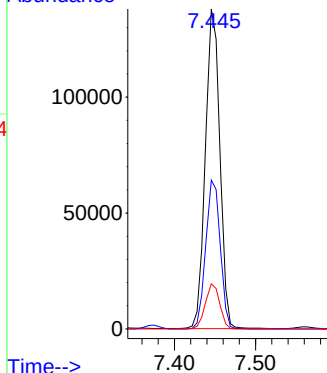
Ion Ratio Lower Upper

77 100

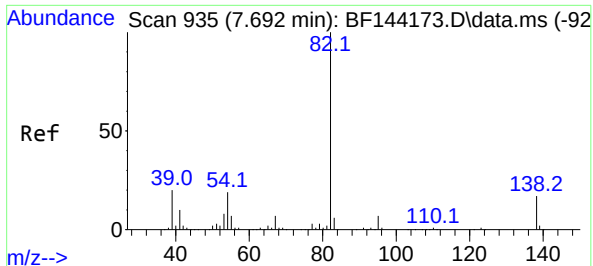
123 46.5 35.8 53.8

65 14.1 12.2 18.2

Abundance



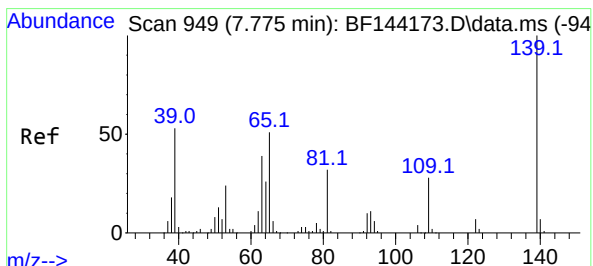
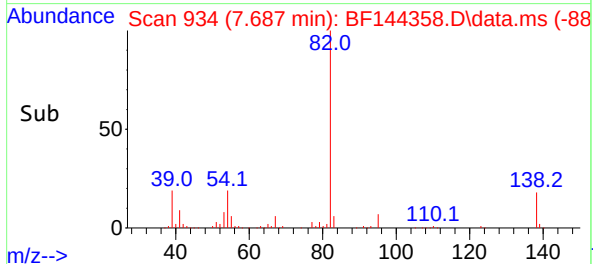
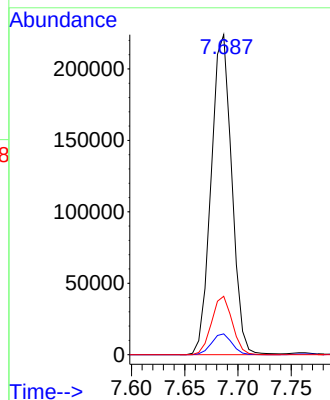
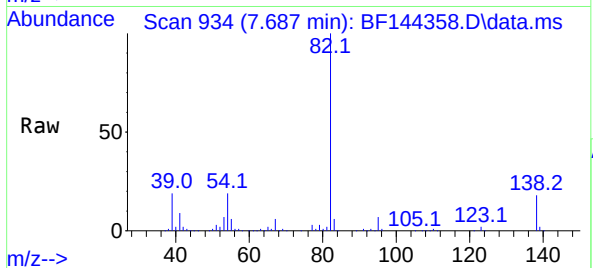
Time-->



#25
Isophorone
Concen: 40.493 ng
RT: 7.687 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

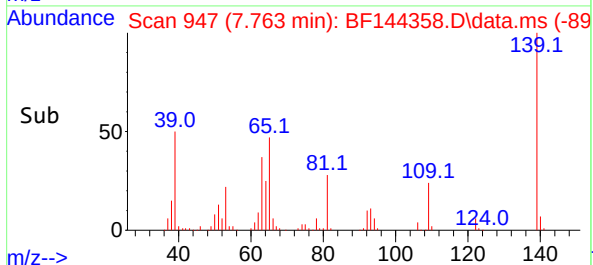
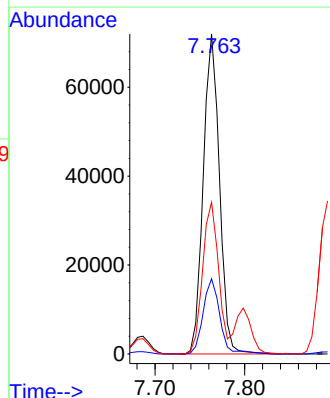
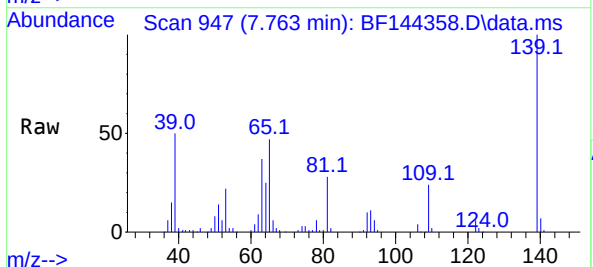
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 302058
Ion Ratio Lower Upper
82 100
95 6.5 5.5 8.3
138 18.3 13.7 20.5

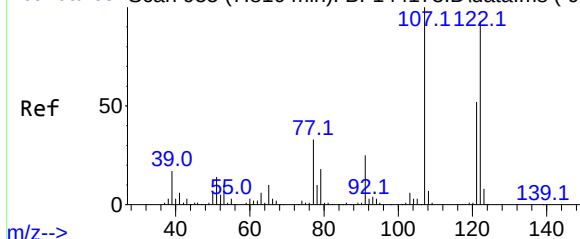


#26
2-Nitrophenol
Concen: 42.519 ng
RT: 7.763 min Scan# 947
Delta R.T. -0.012 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

Tgt Ion: 139 Resp: 90123
Ion Ratio Lower Upper
139 100
109 23.5 22.2 33.2
65 47.4 40.7 61.1



Abundance Scan 955 (7.810 min): BF144173.D\data.ms (-94



#27

2,4-Dimethylphenol

Concen: 40.608 ng

RT: 7.798 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF144358.D

Acq: 26 Nov 2025 13:30

Instrument :

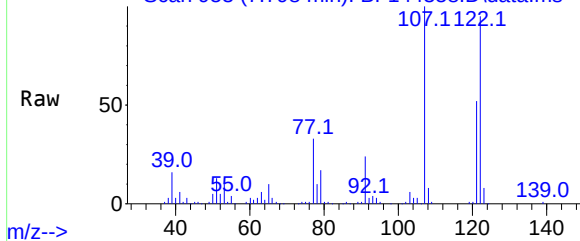
BNA_F

ClientSampleId :

SSTDCCC040

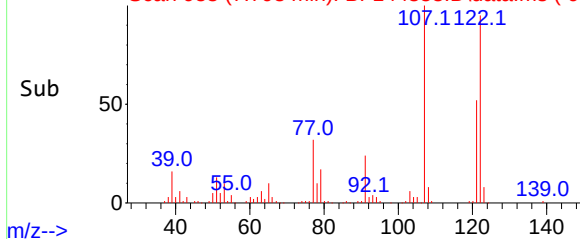
m/z-->

Abundance Scan 953 (7.798 min): BF144358.D\data.ms



m/z-->

Abundance Scan 953 (7.798 min): BF144358.D\data.ms (-90



m/z-->

Tgt Ion:122 Resp: 129009

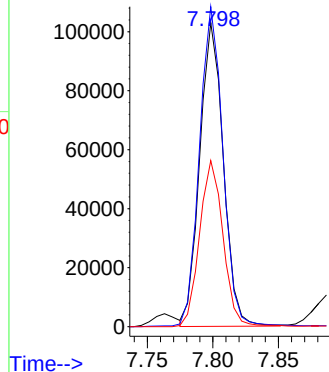
Ion Ratio Lower Upper

122 100

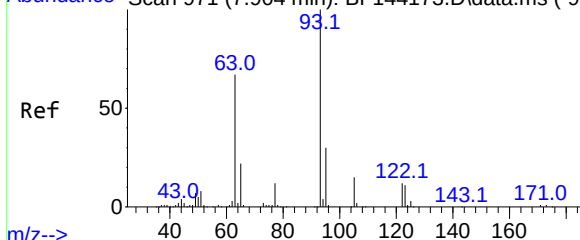
107 105.2 86.2 129.4

121 54.6 44.6 66.8

Abundance

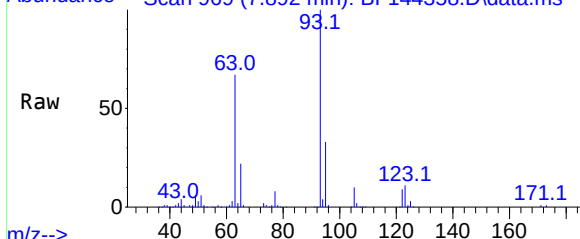


Abundance Scan 971 (7.904 min): BF144173.D\data.ms (-96



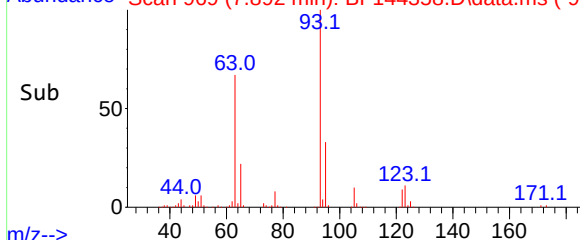
m/z-->

Abundance Scan 969 (7.892 min): BF144358.D\data.ms



m/z-->

Abundance Scan 969 (7.892 min): BF144358.D\data.ms (-91



m/z-->

#28

bis(2-Chloroethoxy)methane

Concen: 41.620 ng

RT: 7.892 min Scan# 969

Delta R.T. -0.006 min

Lab File: BF144358.D

Acq: 26 Nov 2025 13:30

Tgt Ion: 93 Resp: 193873

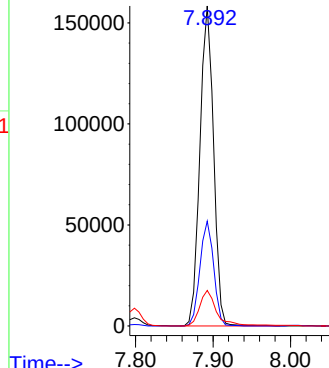
Ion Ratio Lower Upper

93 100

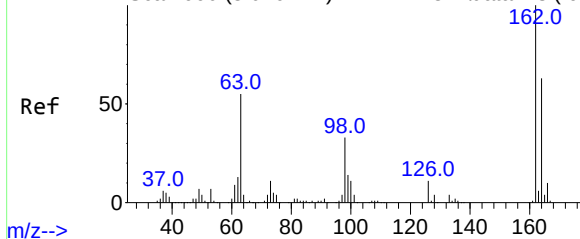
95 32.7 24.2 36.4

123 11.1 9.0 13.4

Abundance



Abundance Scan 990 (8.016 min): BF144173.D\data.ms (-98



#29

2,4-Dichlorophenol

Concen: 40.066 ng

RT: 8.004 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF144358.D

Acq: 26 Nov 2025 13:30

Instrument :

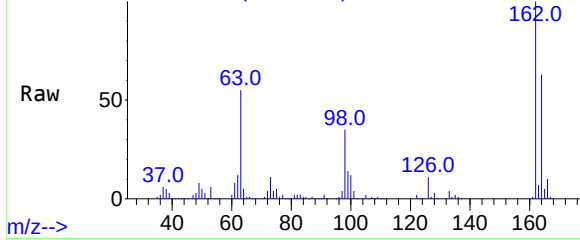
BNA_F

ClientSampleId :

SSTDCCC040

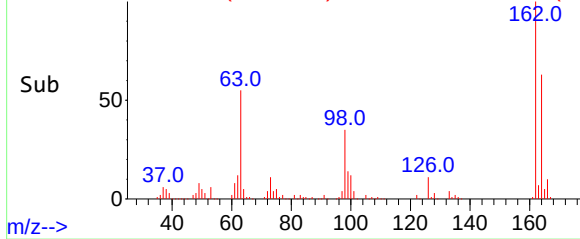
m/z-->

Abundance Scan 988 (8.004 min): BF144358.D\data.ms



m/z-->

Abundance Scan 988 (8.004 min): BF144358.D\data.ms (-93



m/z-->

Tgt Ion:162 Resp: 146706

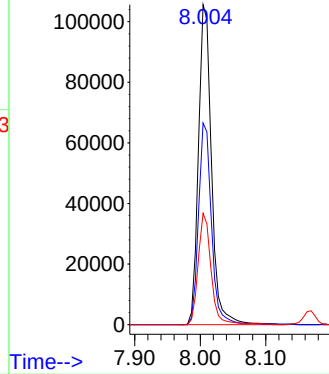
Ion Ratio Lower Upper

162 100

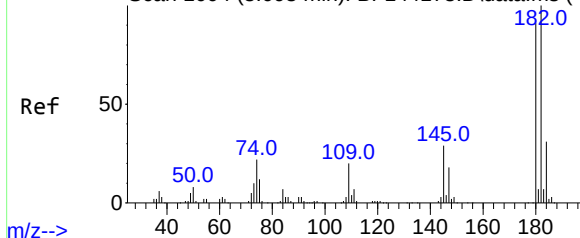
164 63.0 42.9 82.9

98 34.8 13.3 53.3

Abundance

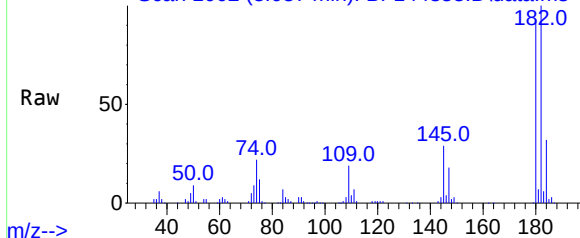


Abundance Scan 1004 (8.098 min): BF144173.D\data.ms (-9



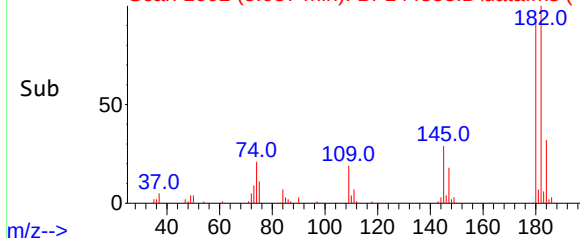
m/z-->

Abundance Scan 1002 (8.087 min): BF144358.D\data.ms



m/z-->

Abundance Scan 1002 (8.087 min): BF144358.D\data.ms (-9



m/z-->

#30

1,2,4-Trichlorobenzene

Concen: 38.451 ng

RT: 8.087 min Scan# 1002

Delta R.T. -0.012 min

Lab File: BF144358.D

Acq: 26 Nov 2025 13:30

Tgt Ion:180 Resp: 144573

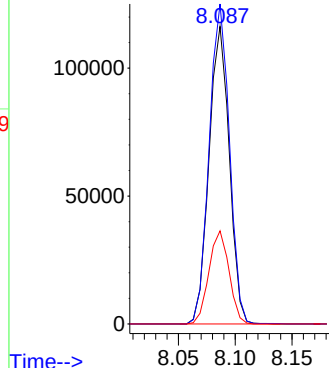
Ion Ratio Lower Upper

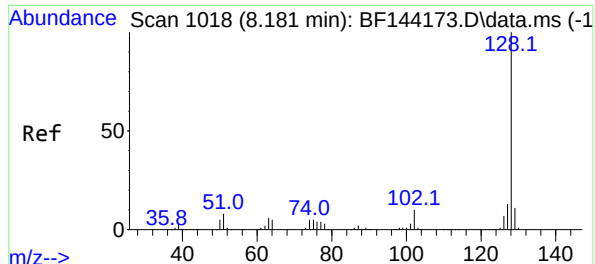
180 100

182 107.5 87.7 131.5

145 31.3 25.4 38.0

Abundance





#31

Naphthalene

Concen: 39.984 ng

RT: 8.169 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF144358.D

Acq: 26 Nov 2025 13:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

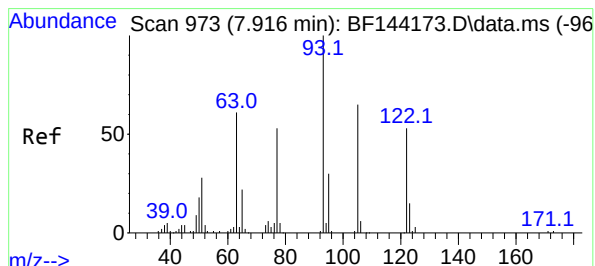
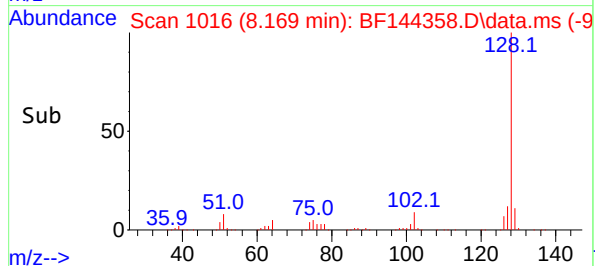
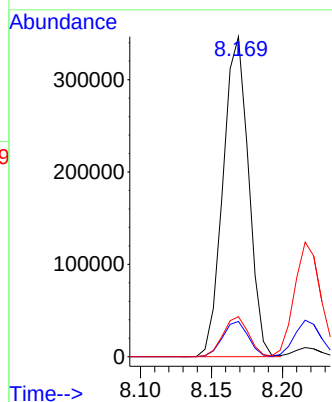
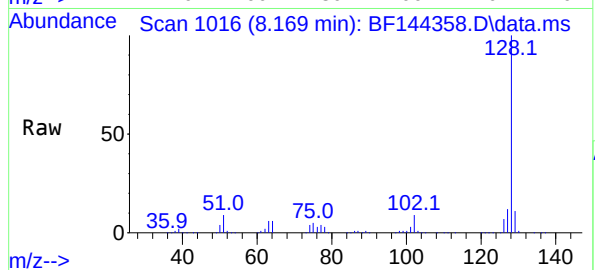
Tgt Ion:128 Resp: 433206

Ion Ratio Lower Upper

128 100

129 11.0 8.9 13.3

127 12.5 10.3 15.5



#32

Benzoic acid

Concen: 37.128 ng

RT: 7.916 min Scan# 973

Delta R.T. -0.035 min

Lab File: BF144358.D

Acq: 26 Nov 2025 13:30

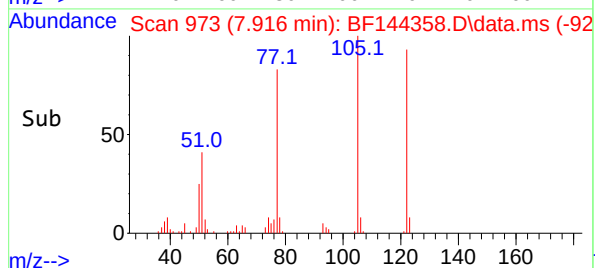
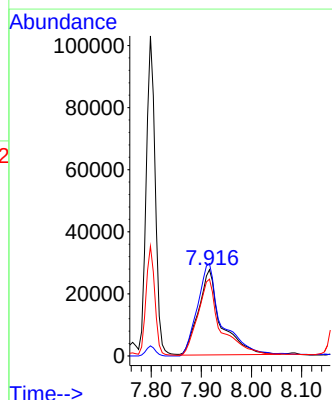
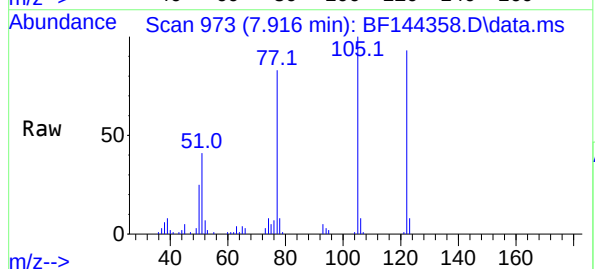
Tgt Ion:122 Resp: 86460

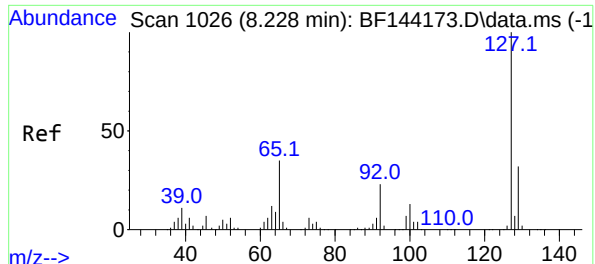
Ion Ratio Lower Upper

122 100

105 107.0 99.9 139.9

77 89.0 77.5 117.5





#33

4-Chloroaniline

Concen: 41.382 ng

RT: 8.216 min Scan# 1024

Delta R.T. -0.012 min

Lab File: BF144358.D

Acq: 26 Nov 2025 13:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 163521

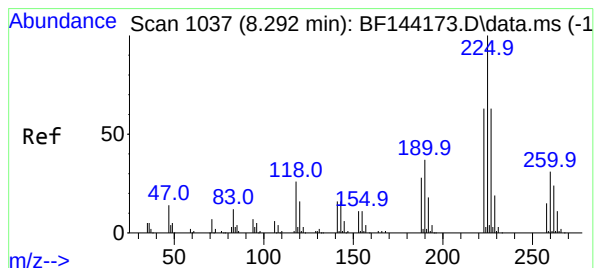
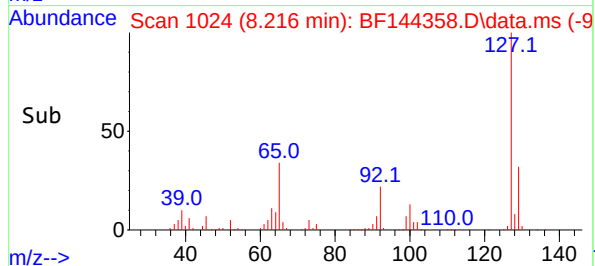
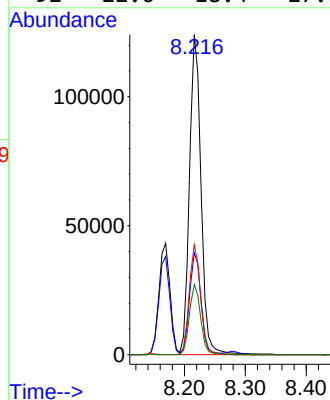
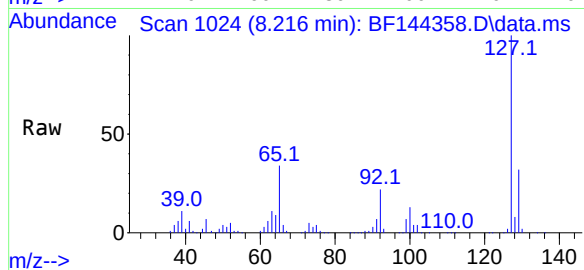
Ion Ratio Lower Upper

127 100

129 31.8 25.3 37.9

65 34.4 27.6 41.4

92 22.0 18.4 27.6



#34

Hexachlorobutadiene

Concen: 36.970 ng

RT: 8.281 min Scan# 1035

Delta R.T. -0.012 min

Lab File: BF144358.D

Acq: 26 Nov 2025 13:30

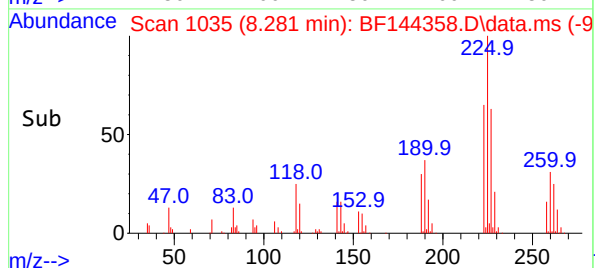
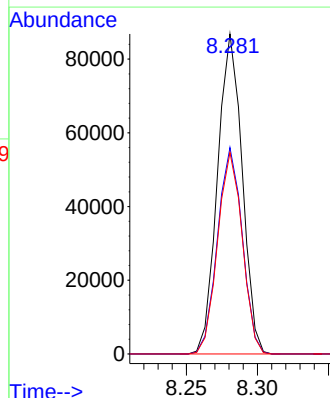
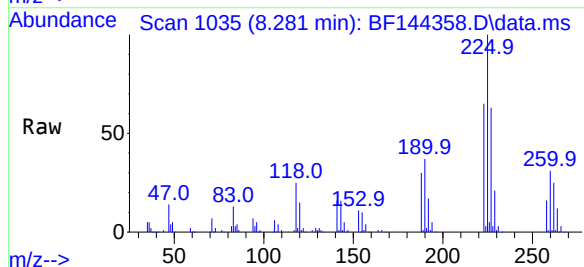
Tgt Ion:225 Resp: 104761

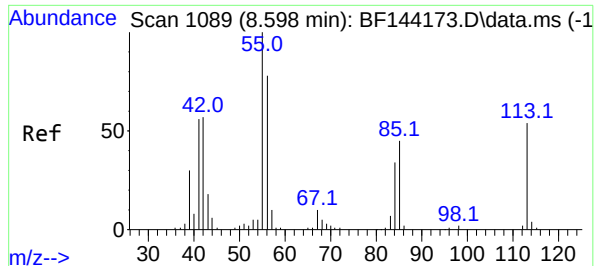
Ion Ratio Lower Upper

225 100

223 64.5 50.2 75.4

227 62.9 50.1 75.1





#35

Caprolactam

Concen: 42.776 ng

RT: 8.592 min Scan# 1106

Delta R.T. -0.029 min

Lab File: BF144358.D

Acq: 26 Nov 2025 13:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

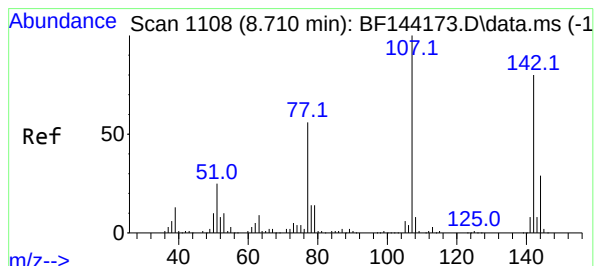
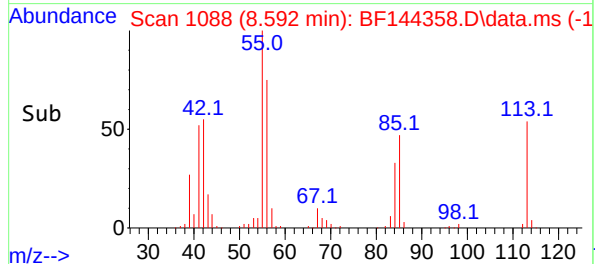
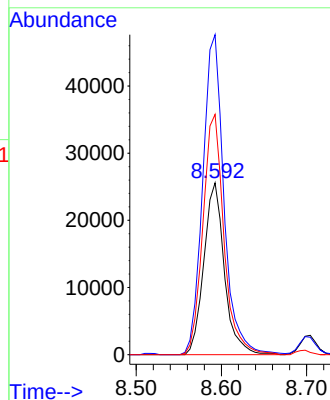
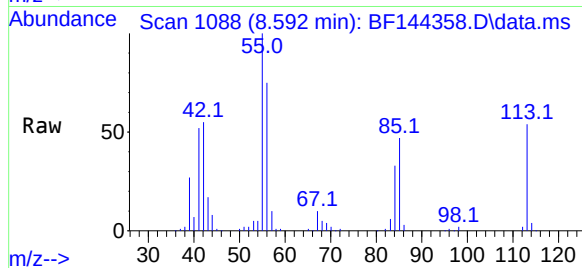
Tgt Ion:113 Resp: 42912

Ion Ratio Lower Upper

113 100

55 186.2 166.8 206.8

56 139.9 125.9 165.9



#36

4-Chloro-3-methylphenol

Concen: 40.980 ng

RT: 8.698 min Scan# 1106

Delta R.T. -0.006 min

Lab File: BF144358.D

Acq: 26 Nov 2025 13:30

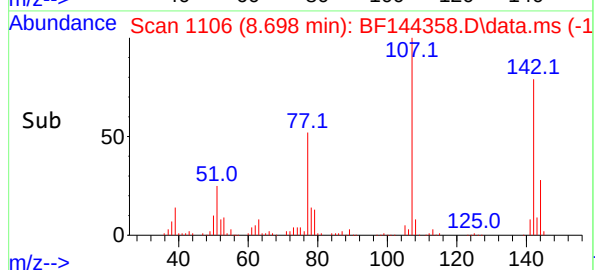
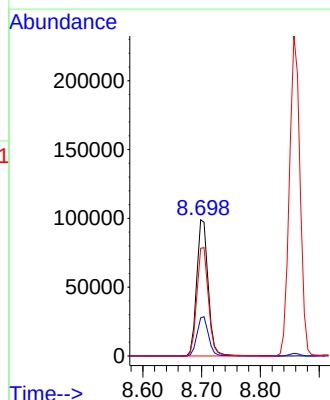
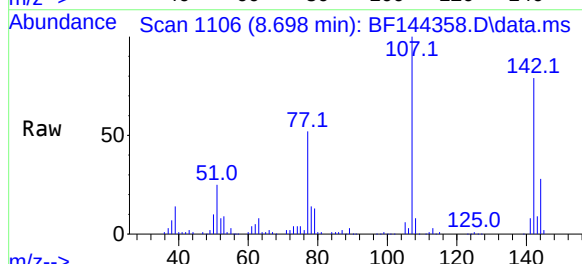
Tgt Ion:107 Resp: 134480

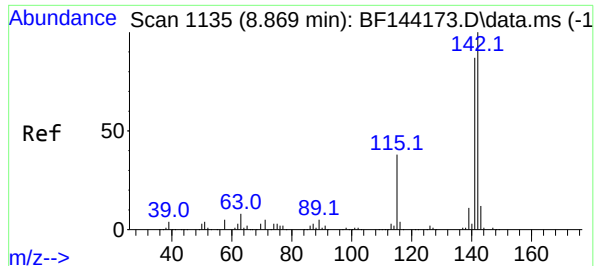
Ion Ratio Lower Upper

107 100

144 28.0 23.3 34.9

142 79.0 63.8 95.6





#37

2-Methylnaphthalene

Concen: 40.421 ng

RT: 8.857 min Scan# 1133

Delta R.T. -0.012 min

Lab File: BF144358.D

Acq: 26 Nov 2025 13:30

Instrument :

BNA_F

ClientSampleId :

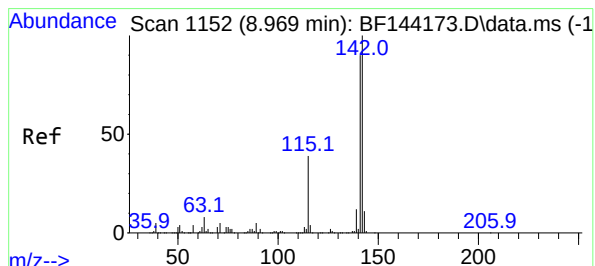
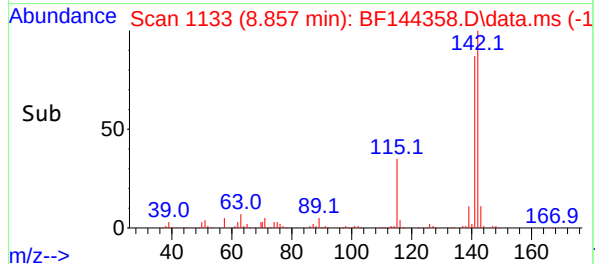
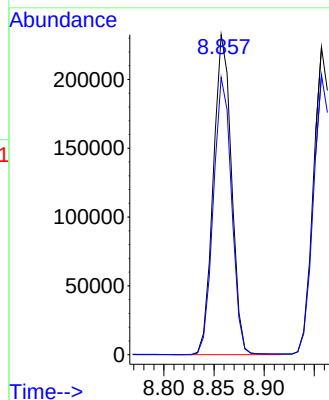
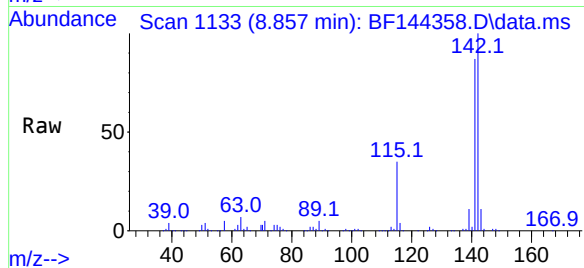
SSTDCCC040

Tgt Ion:142 Resp: 292804

Ion Ratio Lower Upper

142 100

141 86.7 69.9 104.9



#38

1-Methylnaphthalene

Concen: 39.879 ng

RT: 8.957 min Scan# 1150

Delta R.T. -0.012 min

Lab File: BF144358.D

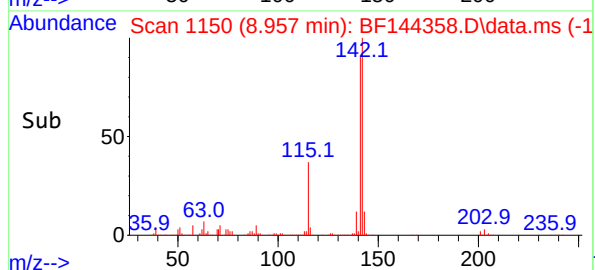
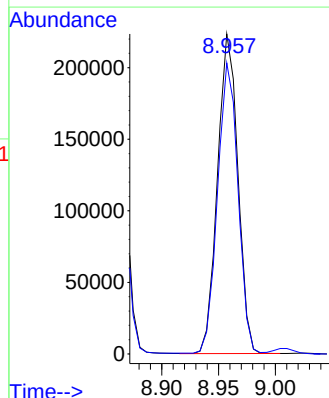
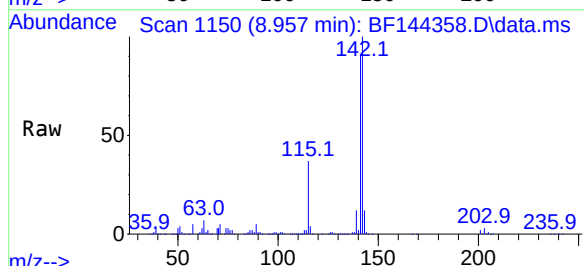
Acq: 26 Nov 2025 13:30

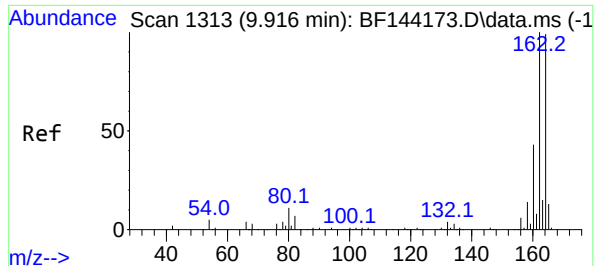
Tgt Ion:142 Resp: 278735

Ion Ratio Lower Upper

142 100

141 91.0 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1162

Delta R.T. -0.012 min

Lab File: BF144358.D

Acq: 26 Nov 2025 13:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

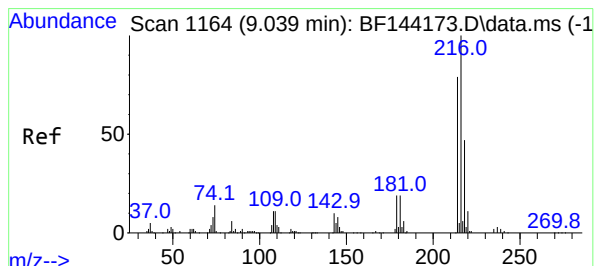
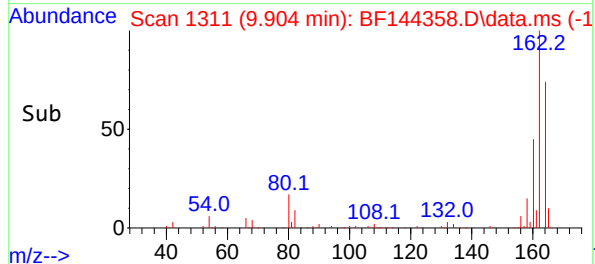
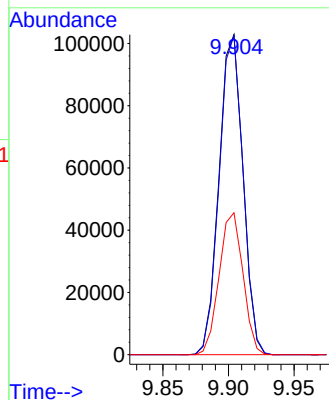
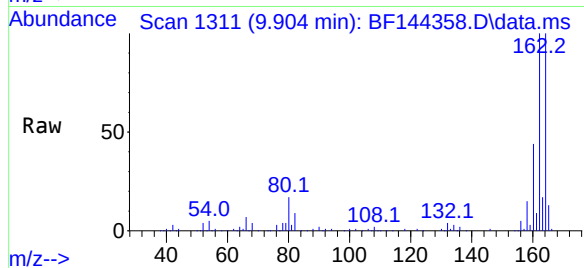
Tgt Ion:164 Resp: 130458

Ion Ratio Lower Upper

164 100

162 99.7 81.1 121.7

160 44.3 34.5 51.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.591 ng

RT: 9.028 min Scan# 1162

Delta R.T. -0.006 min

Lab File: BF144358.D

Acq: 26 Nov 2025 13:30

Tgt Ion:216 Resp: 160720

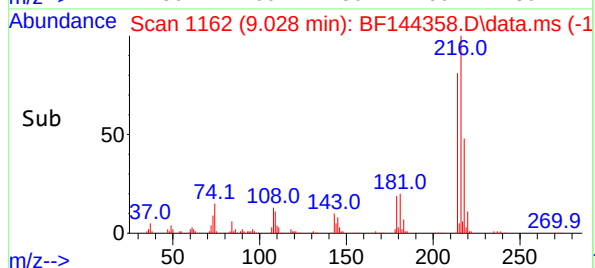
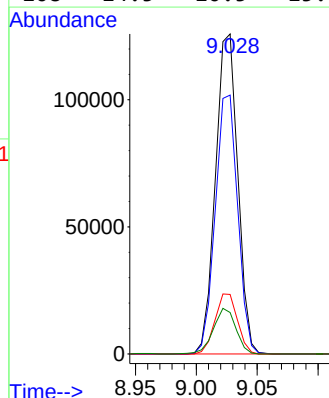
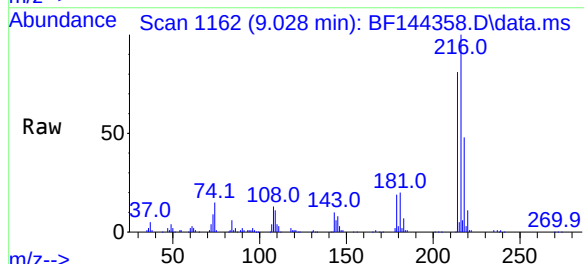
Ion Ratio Lower Upper

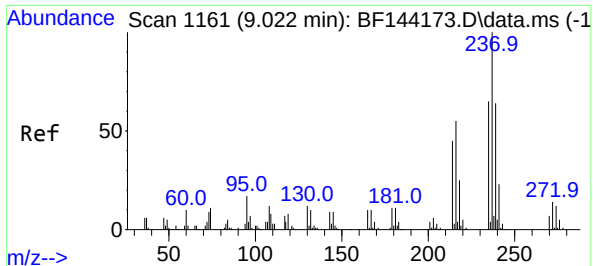
216 100

214 81.4 63.4 95.2

179 18.9 15.0 22.4

108 14.5 10.5 15.7





#41

Hexachlorocyclopentadiene

Concen: 36.012 ng

RT: 9.010 min Scan# 1161

Delta R.T. -0.018 min

Lab File: BF144358.D

Acq: 26 Nov 2025 13:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

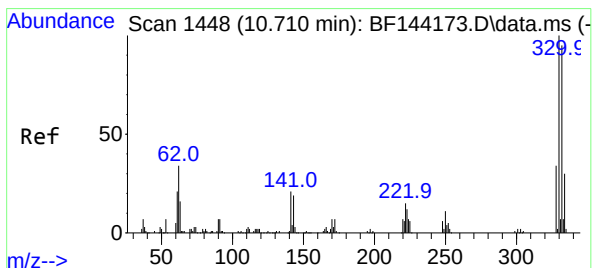
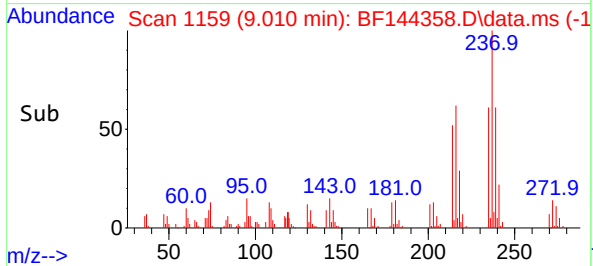
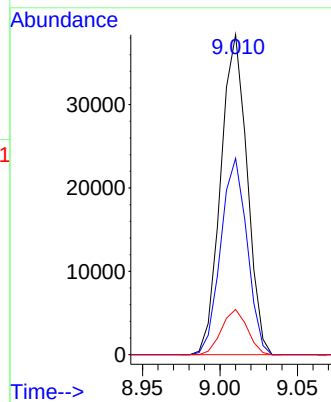
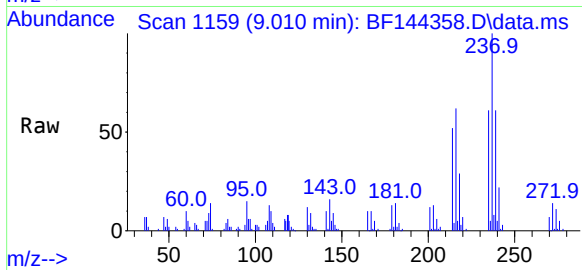
Tgt Ion:237 Resp: 45408

Ion Ratio Lower Upper

237 100

235 61.3 45.5 85.5

272 14.1 0.0 33.5



#42

2,4,6-Tribromophenol

Concen: 76.285 ng

RT: 10.698 min Scan# 1446

Delta R.T. -0.006 min

Lab File: BF144358.D

Acq: 26 Nov 2025 13:30

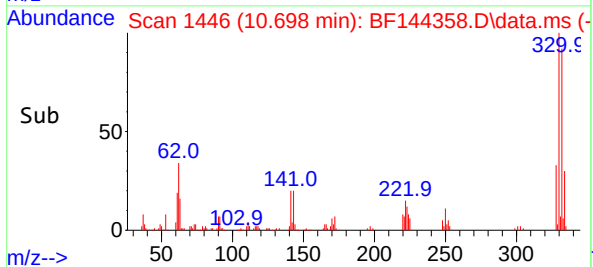
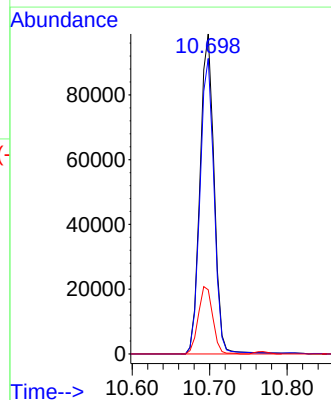
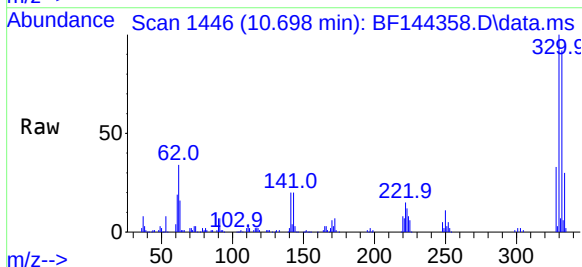
Tgt Ion:330 Resp: 124886

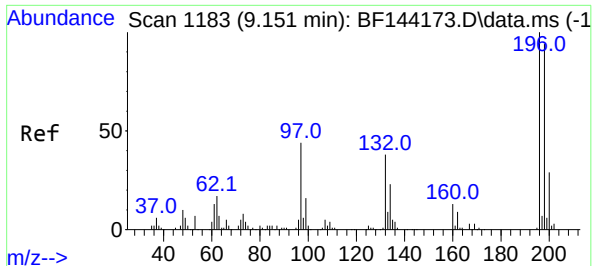
Ion Ratio Lower Upper

330 100

332 92.3 76.7 115.1

141 21.5 17.8 26.8





#43

2,4,6-Trichlorophenol

Concen: 39.029 ng

RT: 9.139 min Scan# 1181

Delta R.T. -0.012 min

Lab File: BF144358.D

Acq: 26 Nov 2025 13:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

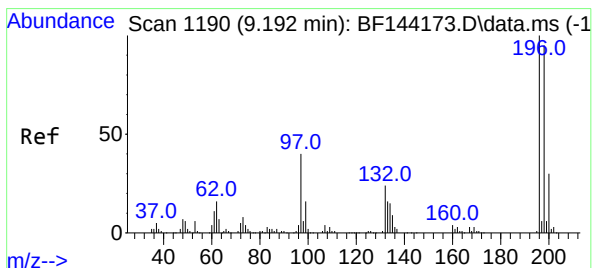
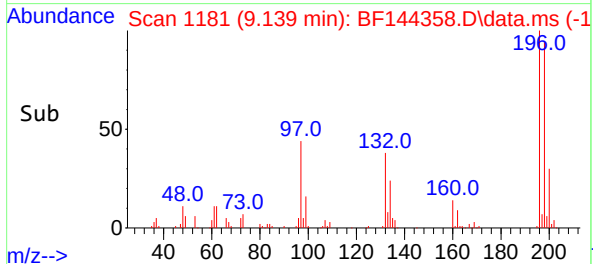
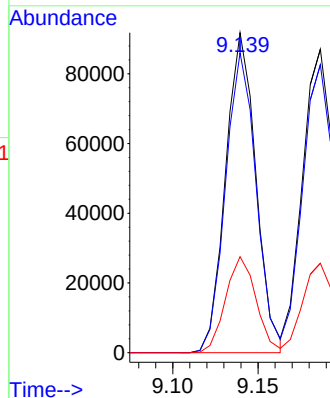
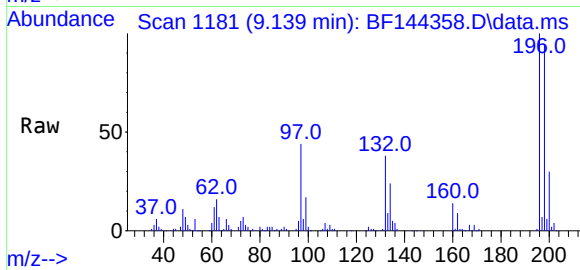
Tgt Ion:196 Resp: 113575

Ion Ratio Lower Upper

196 100

198 93.8 75.3 112.9

200 30.0 23.4 35.2



#44

2,4,5-Trichlorophenol

Concen: 37.992 ng

RT: 9.187 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF144358.D

Acq: 26 Nov 2025 13:30

Tgt Ion:196 Resp: 119156

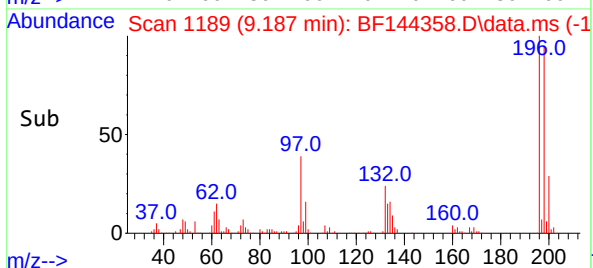
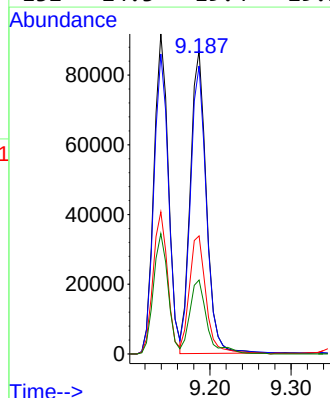
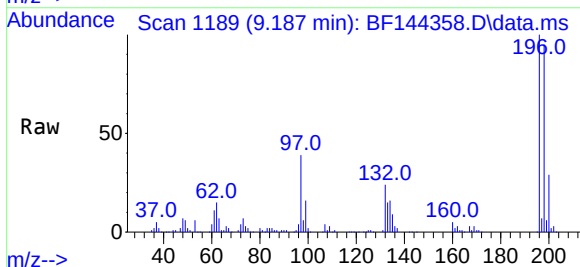
Ion Ratio Lower Upper

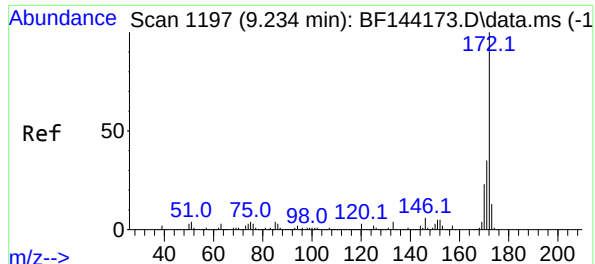
196 100

198 94.9 76.1 114.1

97 38.9 31.9 47.9

132 24.3 19.4 29.2





#45

2-Fluorobiphenyl

Concen: 74.726 ng

RT: 9.222 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF144358.D

Acq: 26 Nov 2025 13:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

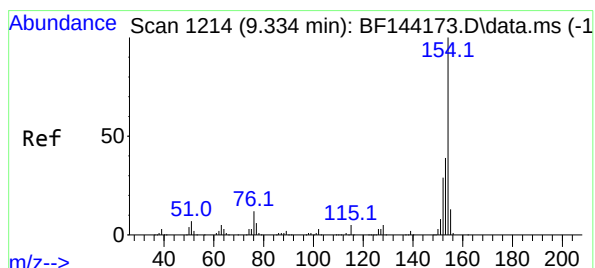
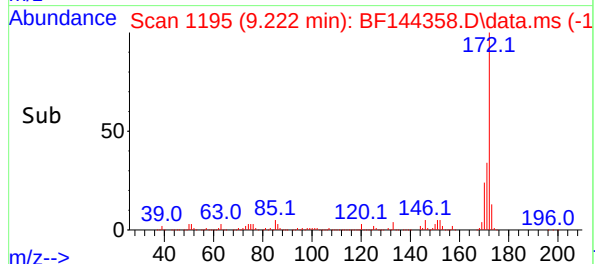
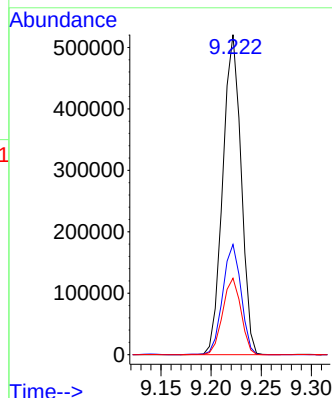
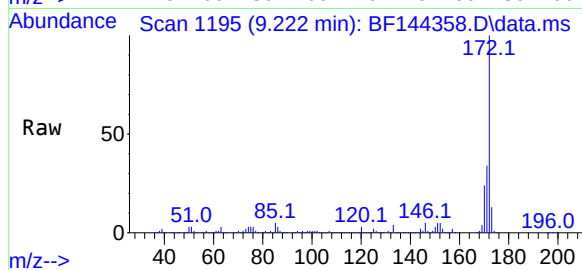
Tgt Ion:172 Resp: 660061

Ion Ratio Lower Upper

172 100

171 34.4 28.1 42.1

170 23.9 18.6 28.0



#46

1,1'-Biphenyl

Concen: 38.688 ng

RT: 9.322 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF144358.D

Acq: 26 Nov 2025 13:30

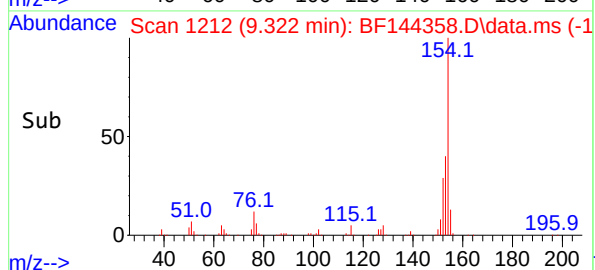
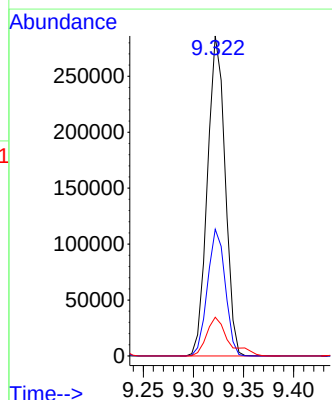
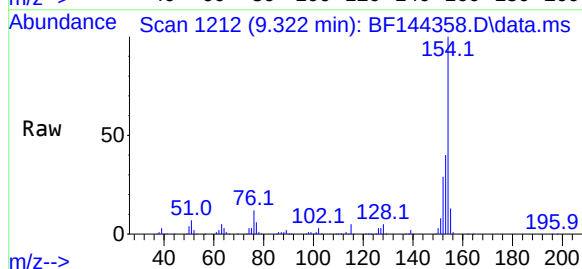
Tgt Ion:154 Resp: 352310

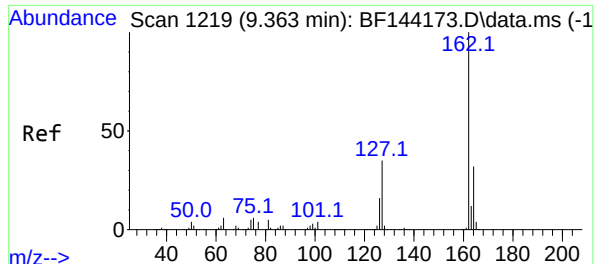
Ion Ratio Lower Upper

154 100

153 39.6 19.2 59.2

76 12.1 0.0 31.8





#47

2-Chloronaphthalene

Concen: 38.877 ng

RT: 9.351 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF144358.D

Acq: 26 Nov 2025 13:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

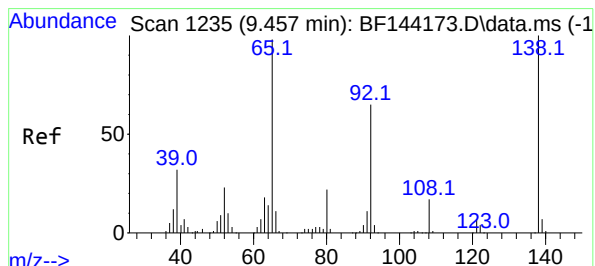
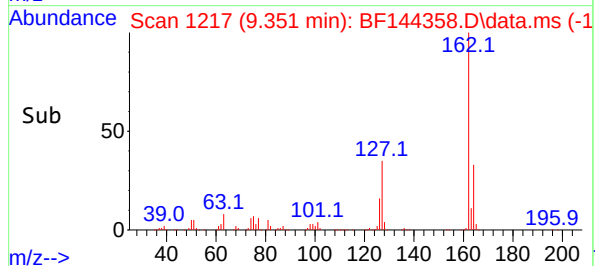
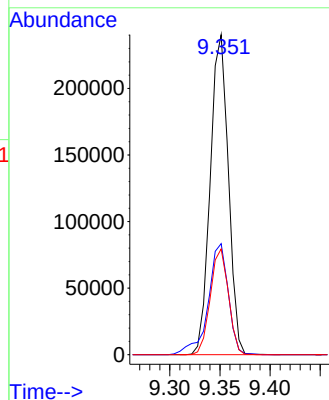
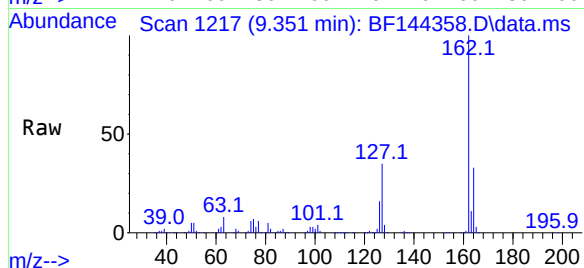
Tgt Ion:162 Resp: 301988

Ion Ratio Lower Upper

162 100

127 34.7 28.8 43.2

164 33.0 25.8 38.8



#48

2-Nitroaniline

Concen: 40.432 ng

RT: 9.445 min Scan# 1233

Delta R.T. -0.012 min

Lab File: BF144358.D

Acq: 26 Nov 2025 13:30

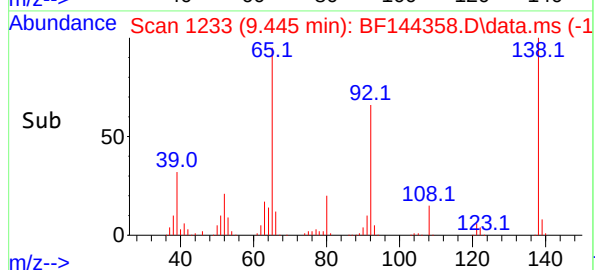
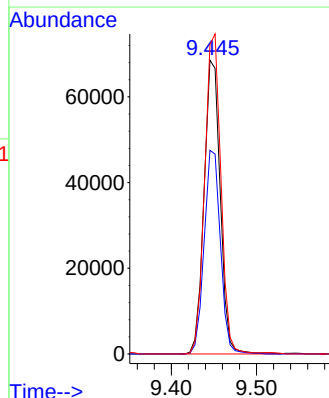
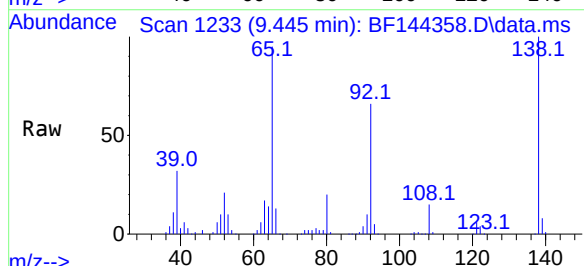
Tgt Ion: 65 Resp: 90620

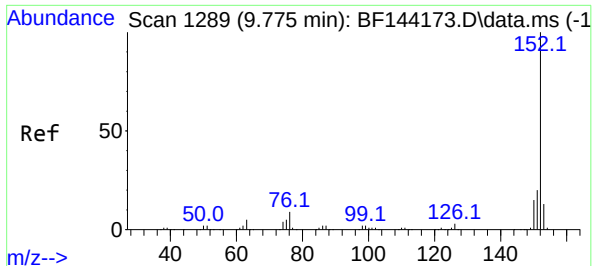
Ion Ratio Lower Upper

65 100

92 69.3 53.0 79.6

138 105.4 81.6 122.4





#49

Acenaphthylene

Concen: 40.257 ng

RT: 9.763 min Scan# 1287

Delta R.T. -0.012 min

Lab File: BF144358.D

Acq: 26 Nov 2025 13:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

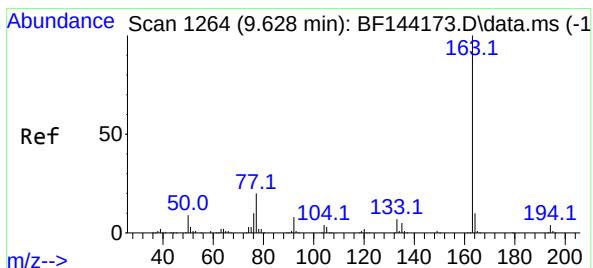
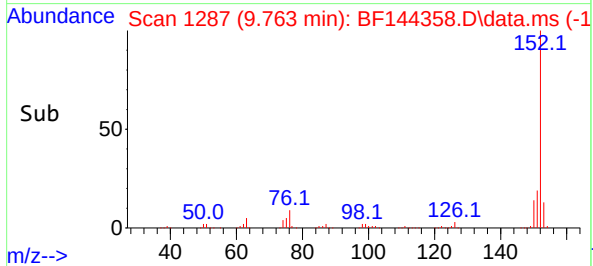
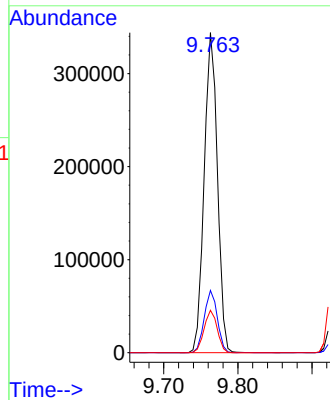
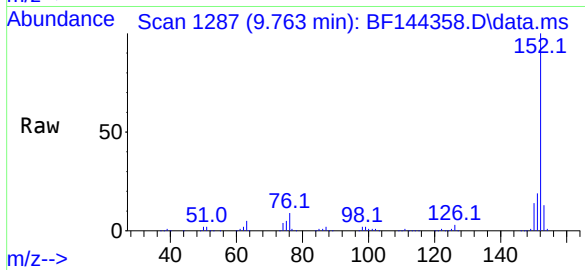
Tgt Ion:152 Resp: 426138

Ion Ratio Lower Upper

152 100

151 19.5 15.9 23.9

153 13.3 10.5 15.7



#50

Dimethylphthalate

Concen: 40.845 ng

RT: 9.616 min Scan# 1262

Delta R.T. -0.012 min

Lab File: BF144358.D

Acq: 26 Nov 2025 13:30

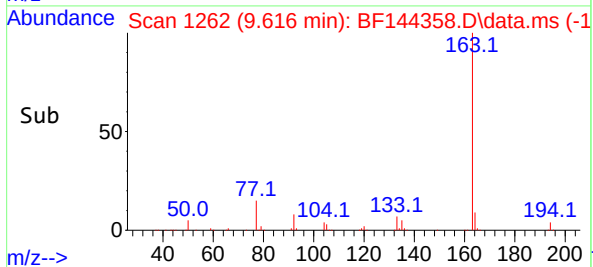
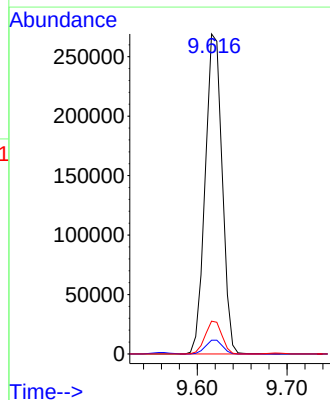
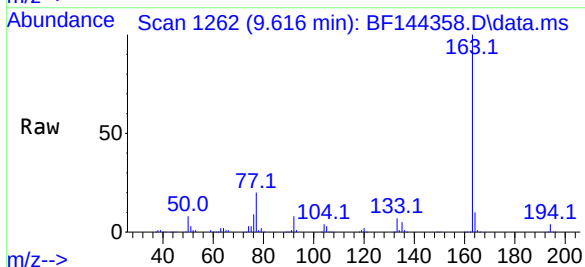
Tgt Ion:163 Resp: 353006

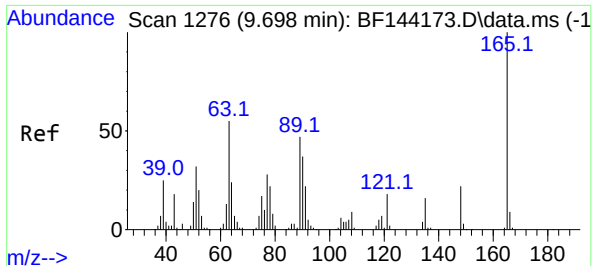
Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

164 10.3 8.1 12.1

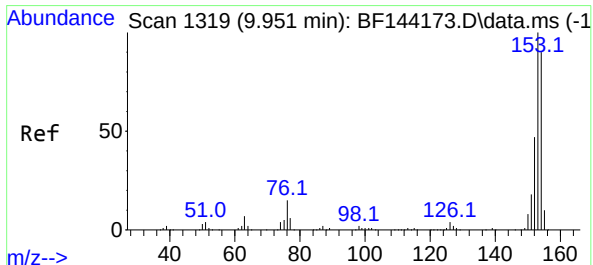
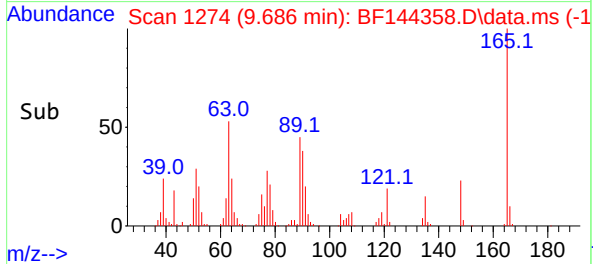
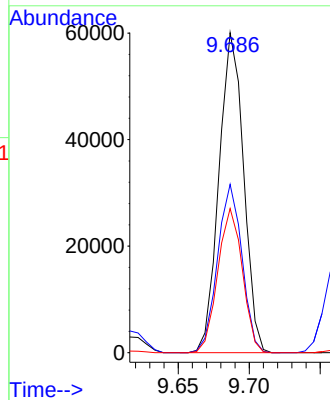
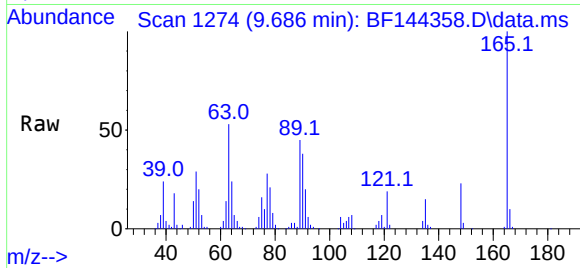




#51
2,6-Dinitrotoluene
Concen: 41.353 ng
RT: 9.686 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

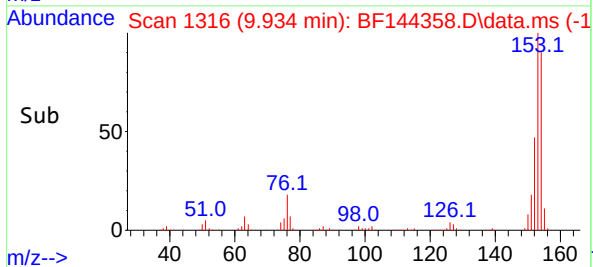
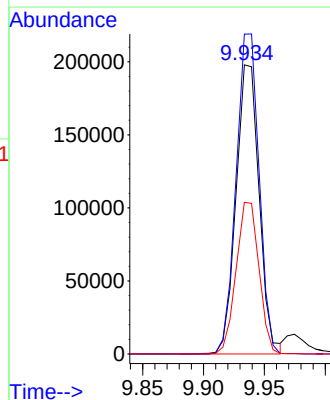
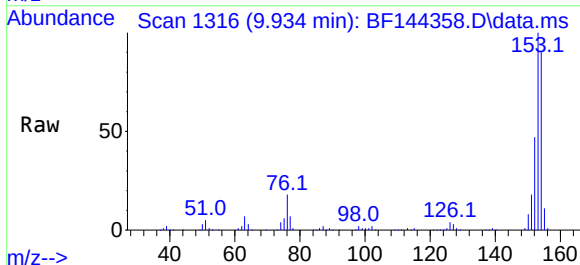
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

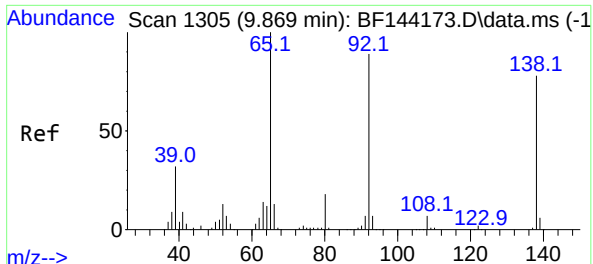
Tgt Ion:165 Resp: 72349
Ion Ratio Lower Upper
165 100
63 52.6 43.8 65.8
89 45.0 37.5 56.3



#52
Acenaphthene
Concen: 36.962 ng
RT: 9.934 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

Tgt Ion:154 Resp: 261640
Ion Ratio Lower Upper
154 100
153 110.6 89.0 133.4
152 52.4 42.2 63.4

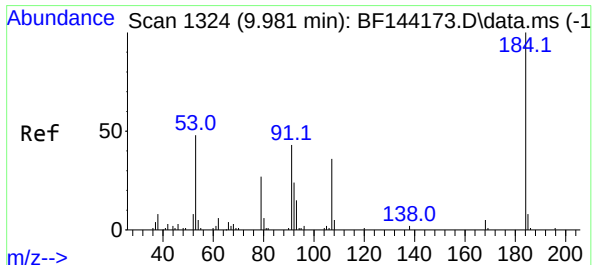
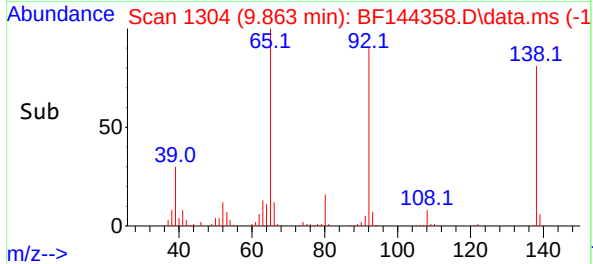
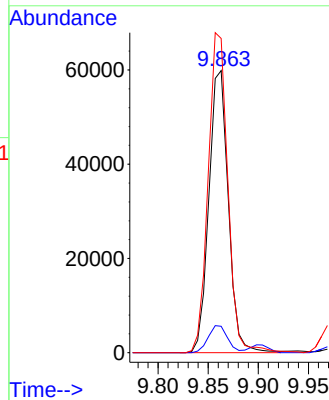
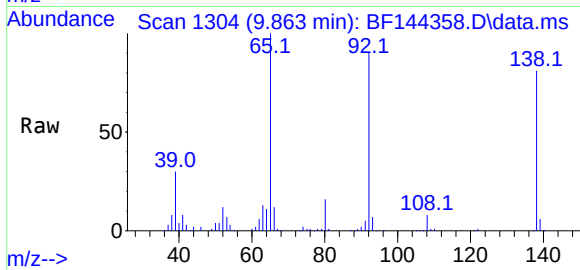




#53
3-Nitroaniline
Concen: 42.236 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

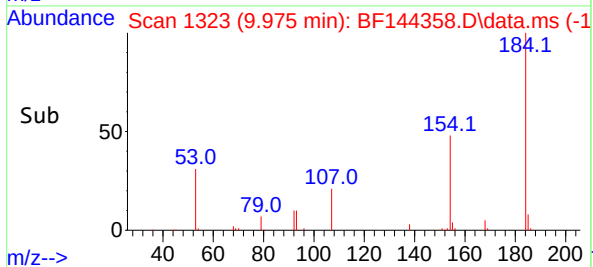
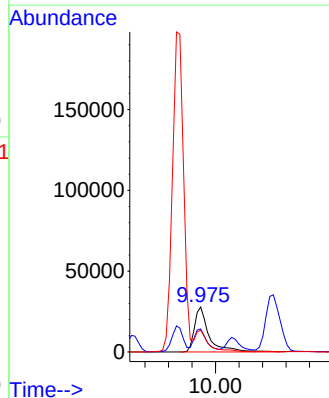
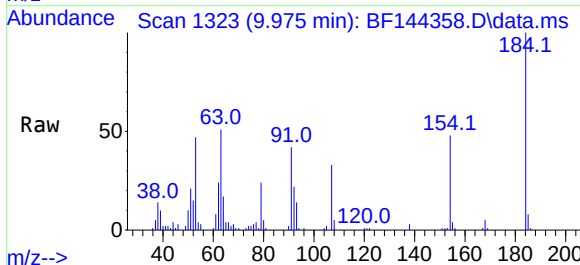
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

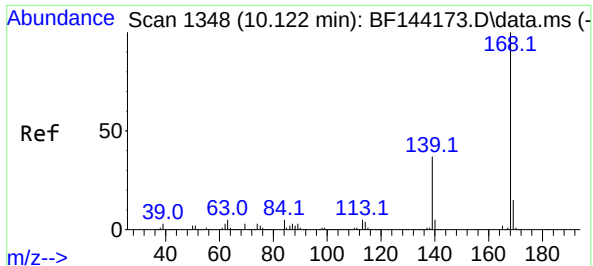
Tgt Ion:138 Resp: 80777
Ion Ratio Lower Upper
138 100
108 9.4 7.5 11.3
92 111.4 91.8 137.6



#54
2,4-Dinitrophenol
Concen: 45.717 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.012 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

Tgt Ion:184 Resp: 48299
Ion Ratio Lower Upper
184 100
63 51.3 44.0 66.0
154 48.4 42.4 63.6





#55

Dibenzofuran

Concen: 39.280 ng

RT: 10.110 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144358.D

Acq: 26 Nov 2025 13:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

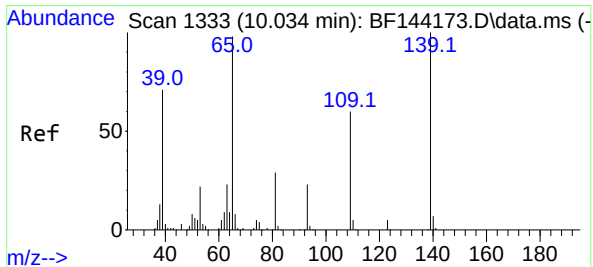
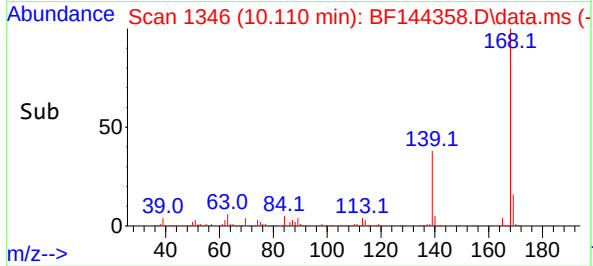
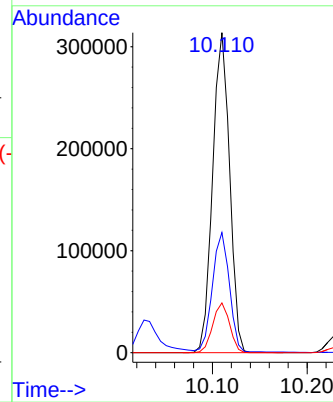
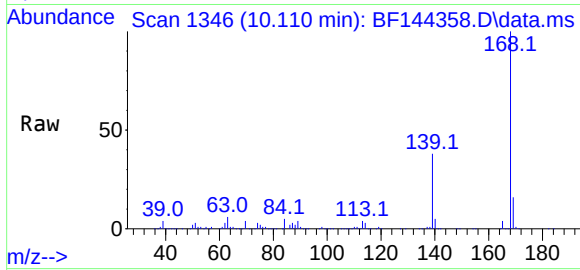
Tgt Ion:168 Resp: 389422

Ion Ratio Lower Upper

168 100

139 37.5 30.2 45.2

169 15.6 12.2 18.4



#56

4-Nitrophenol

Concen: 38.064 ng

RT: 10.028 min Scan# 1332

Delta R.T. -0.012 min

Lab File: BF144358.D

Acq: 26 Nov 2025 13:30

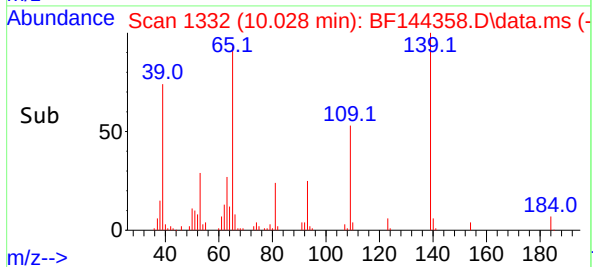
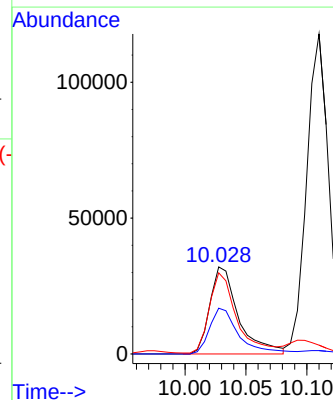
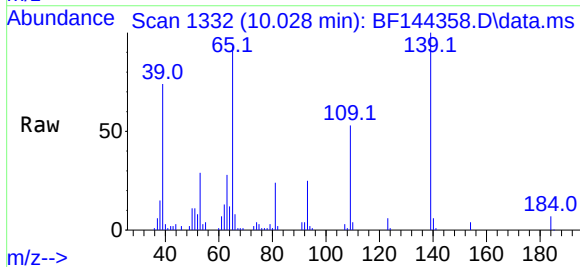
Tgt Ion:139 Resp: 52660

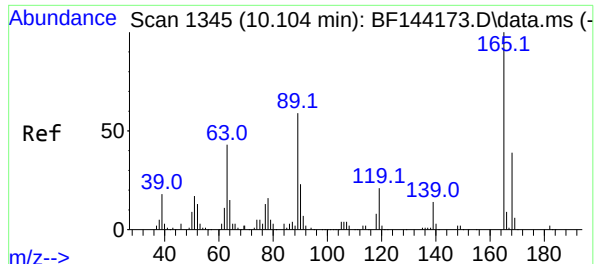
Ion Ratio Lower Upper

139 100

109 52.5 39.9 79.9

65 93.2 79.5 119.5

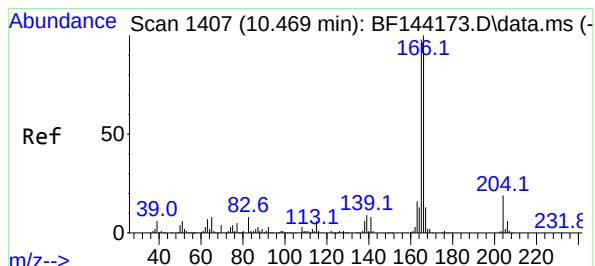
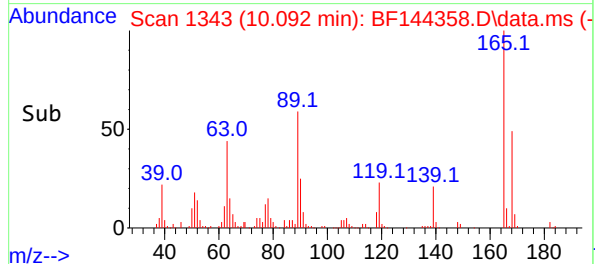
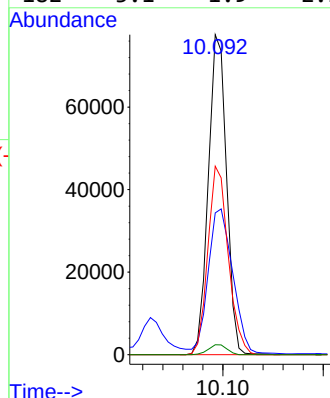
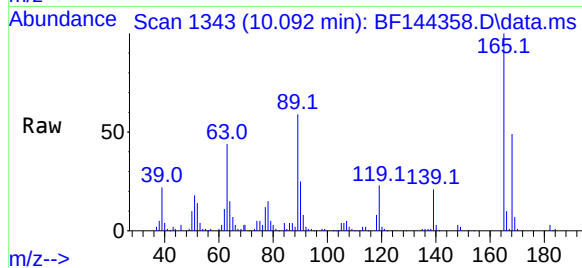




#57
2,4-Dinitrotoluene
Concen: 41.820 ng
RT: 10.092 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

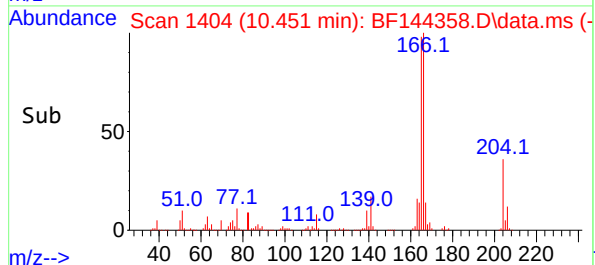
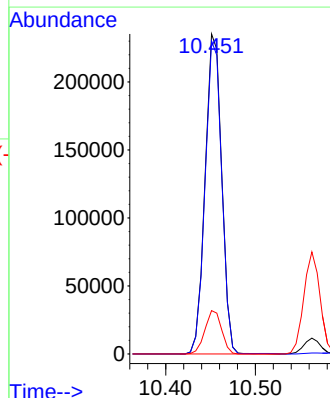
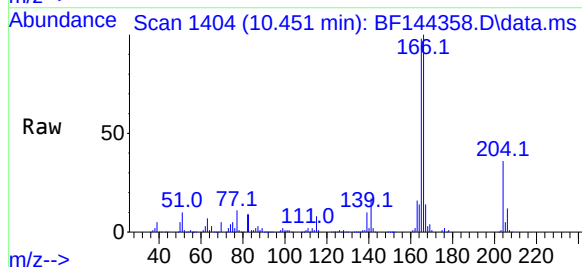
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

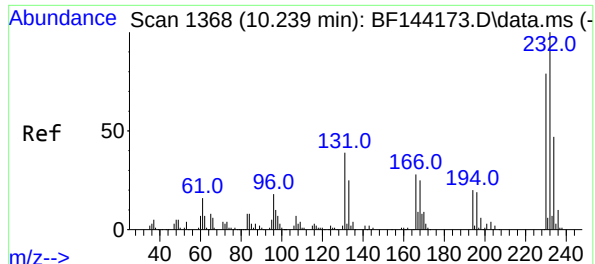
Tgt Ion:165 Resp: 97946
Ion Ratio Lower Upper
165 100
63 44.3 35.5 53.3
89 58.9 47.4 71.2
182 3.1 1.9 2.9#



#58
Fluorene
Concen: 40.038 ng
RT: 10.451 min Scan# 1404
Delta R.T. -0.012 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

Tgt Ion:166 Resp: 301794
Ion Ratio Lower Upper
166 100
165 97.8 78.6 118.0
167 13.6 10.4 15.6

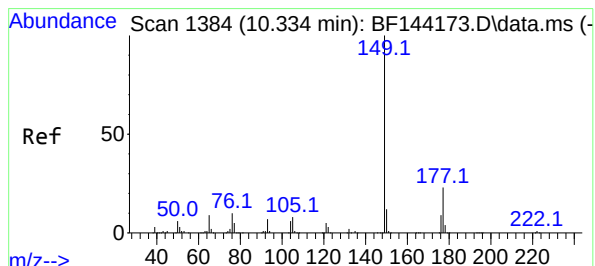
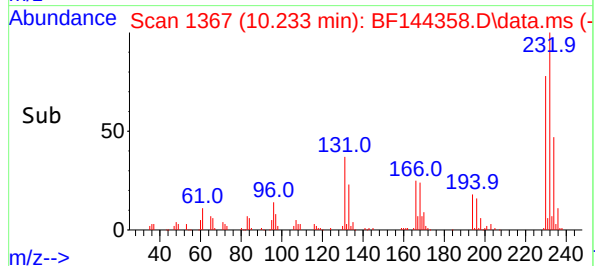
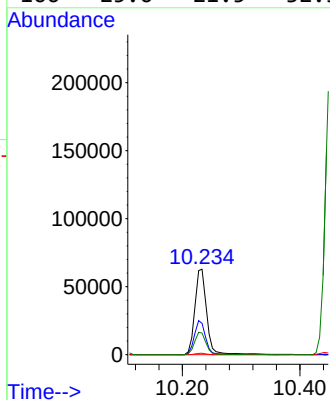
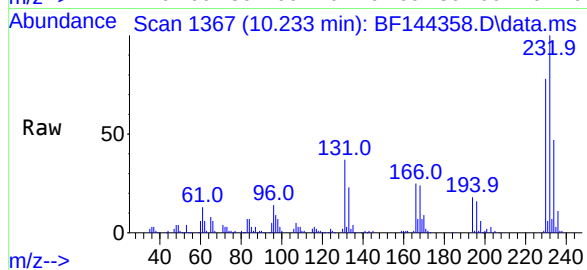




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.503 ng
RT: 10.233 min Scan# 1367
Delta R.T. -0.006 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

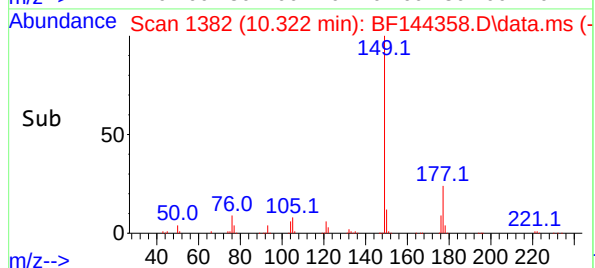
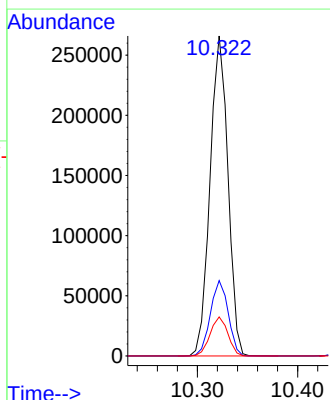
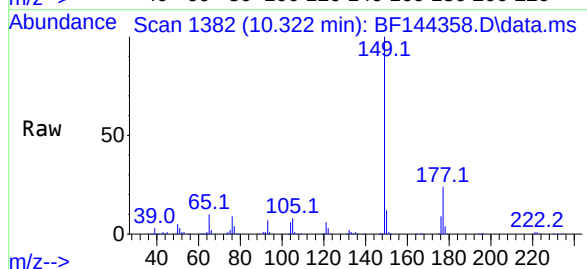
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

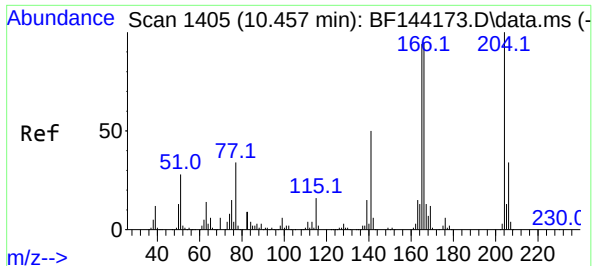
Tgt Ion:232 Resp: 87657
Ion Ratio Lower Upper
232 100
131 37.9 30.3 45.5
130 1.5 1.2 1.8
166 25.6 21.5 32.3



#60
Diethylphthalate
Concen: 41.408 ng
RT: 10.322 min Scan# 1382
Delta R.T. -0.006 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

Tgt Ion:149 Resp: 329902
Ion Ratio Lower Upper
149 100
177 23.6 18.3 27.5
150 12.2 9.8 14.6

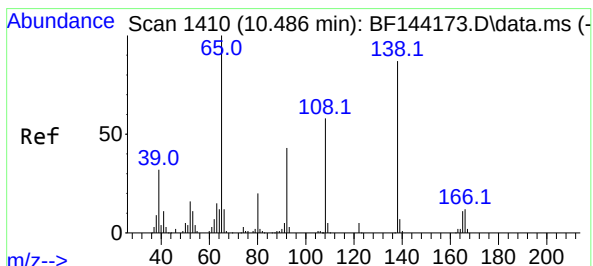
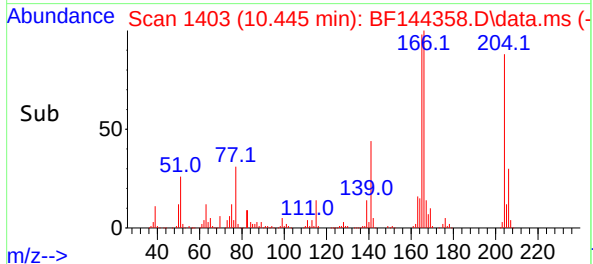
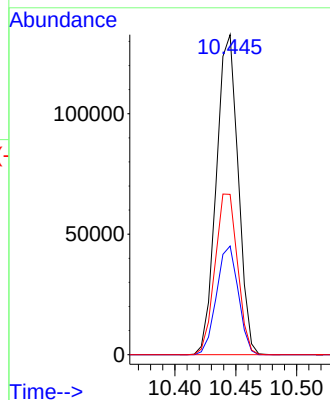
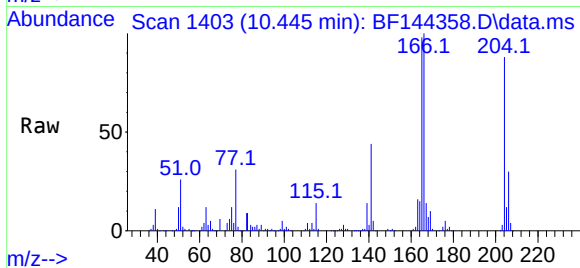




#61
4-Chlorophenyl-phenylether
Concen: 38.545 ng
RT: 10.445 min Scan# 1405
Delta R.T. -0.012 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

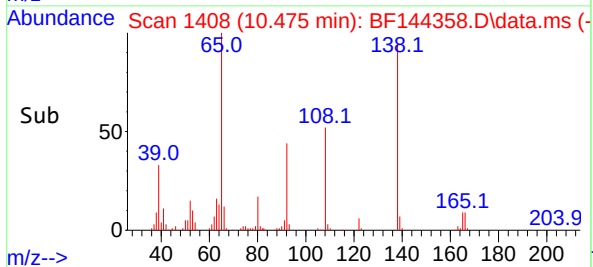
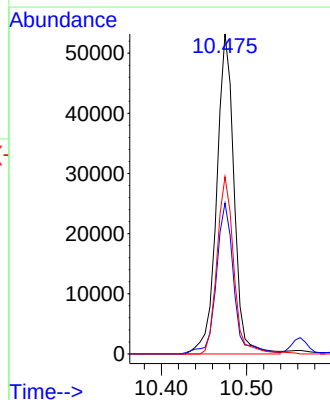
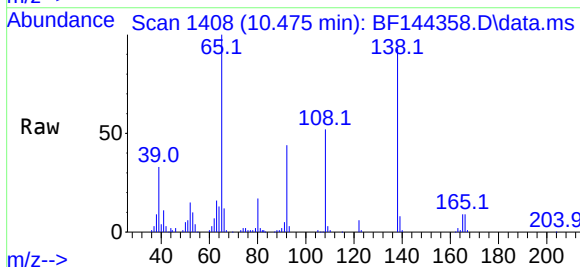
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

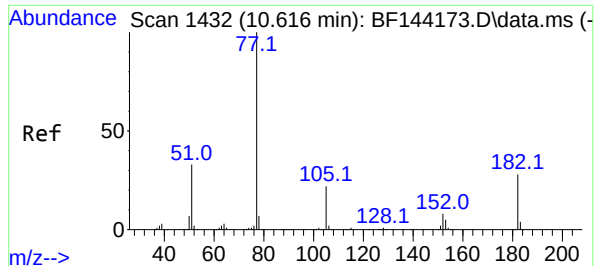
Tgt Ion:204 Resp: 165497
Ion Ratio Lower Upper
204 100
206 33.9 27.4 41.2
141 50.1 40.0 60.0



#62
4-Nitroaniline
Concen: 41.472 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

Tgt Ion:138 Resp: 75534
Ion Ratio Lower Upper
138 100
92 47.2 29.4 69.4
108 55.4 46.4 86.4

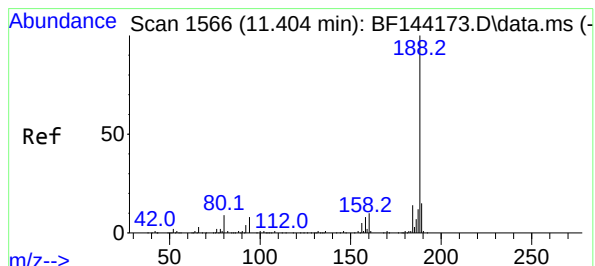
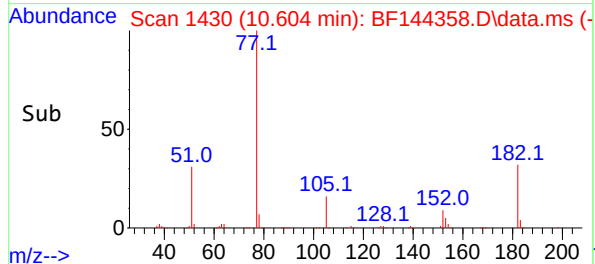
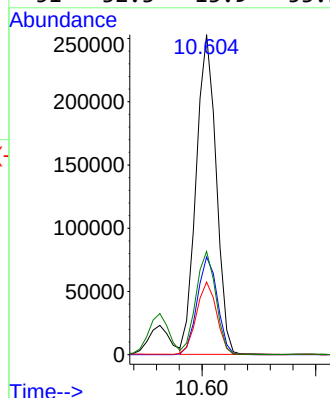
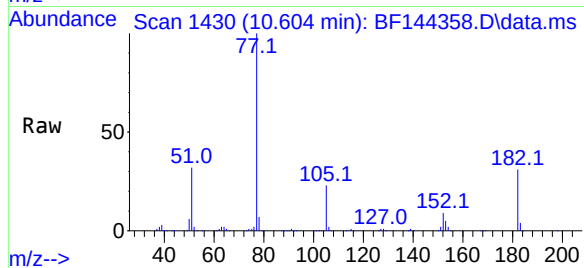




#63
Azobenzene
Concen: 41.806 ng
RT: 10.604 min Scan# 1432
Delta R.T. -0.012 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

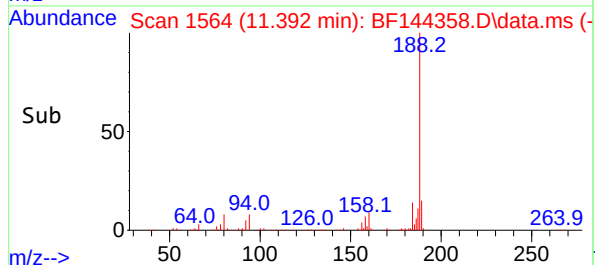
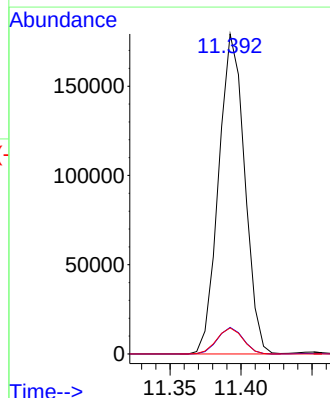
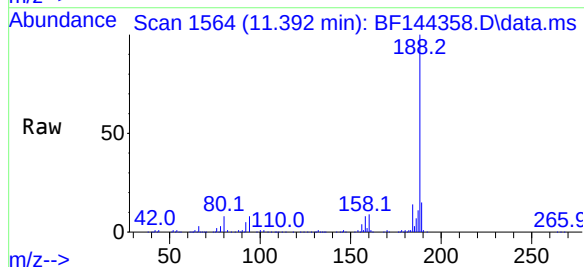
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

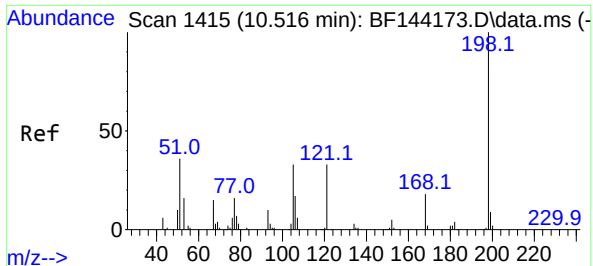
Tgt Ion: 77 Resp: 309983
Ion Ratio Lower Upper
77 100
182 30.6 8.1 48.1
105 22.7 2.0 42.0
51 32.3 13.9 53.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1564
Delta R.T. -0.012 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

Tgt Ion: 188 Resp: 228211
Ion Ratio Lower Upper
188 100
94 8.3 6.2 9.2
80 8.2 6.9 10.3

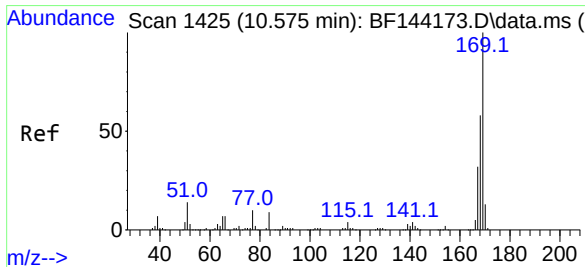
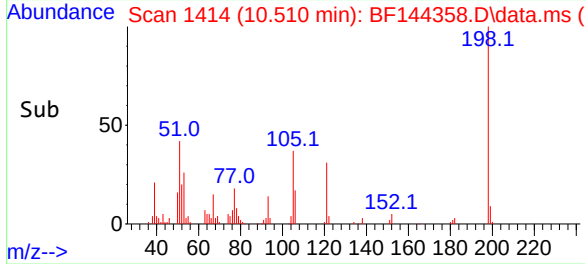
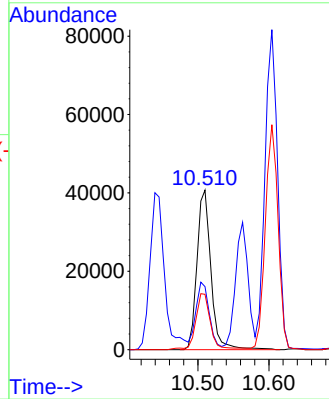
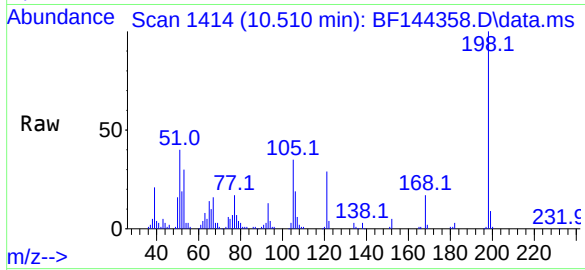




#65
4,6-Dinitro-2-methylphenol
Concen: 36.051 ng
RT: 10.510 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

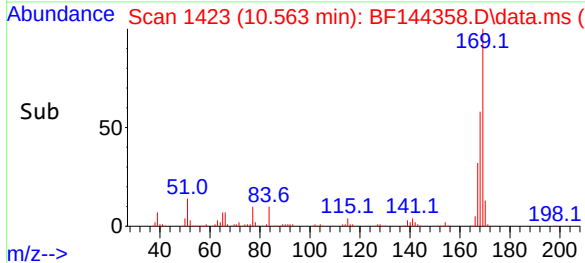
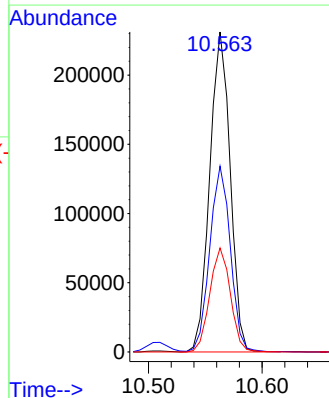
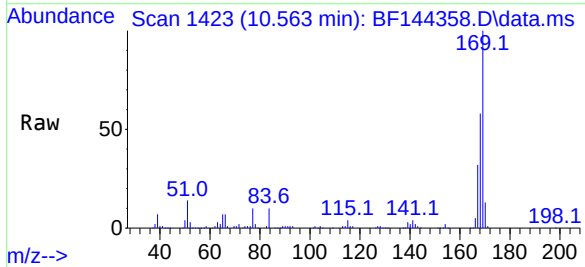
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

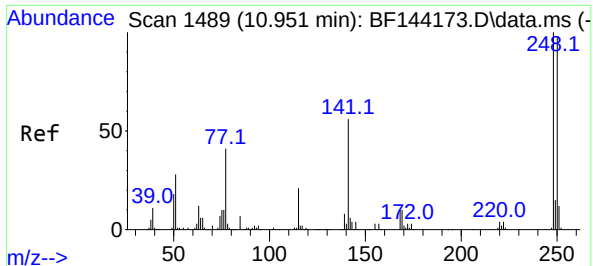
Tgt Ion:198 Resp: 55891
Ion Ratio Lower Upper
198 100
51 39.5 25.6 65.6
105 34.8 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 39.417 ng
RT: 10.563 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

Tgt Ion:169 Resp: 289317
Ion Ratio Lower Upper
169 100
168 58.1 46.2 69.2
167 32.5 25.7 38.5





#67

4-Bromophenyl-phenylether

Concen: 37.471 ng

RT: 10.933 min Scan# 1486

Delta R.T. -0.012 min

Lab File: BF144358.D

Acq: 26 Nov 2025 13:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

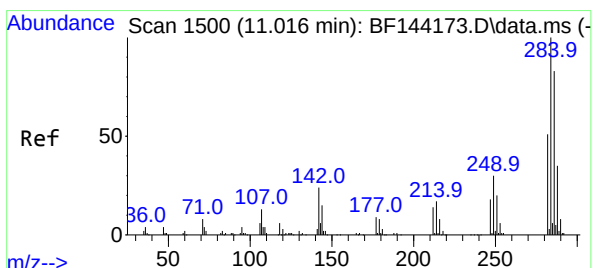
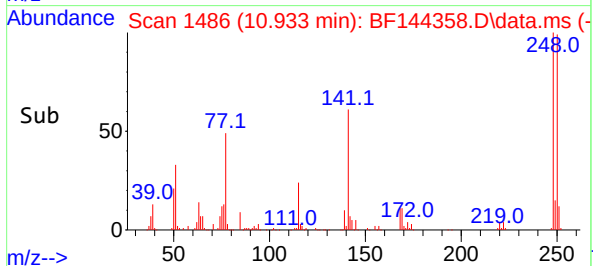
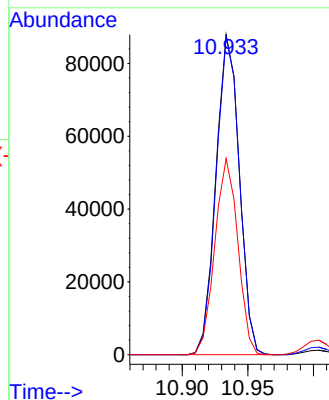
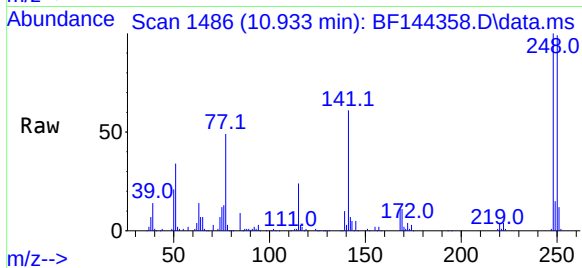
Tgt Ion:248 Resp: 109150

Ion Ratio Lower Upper

248 100

250 99.2 78.4 117.6

141 61.3 45.1 67.7



#68

Hexachlorobenzene

Concen: 36.562 ng

RT: 11.004 min Scan# 1498

Delta R.T. -0.006 min

Lab File: BF144358.D

Acq: 26 Nov 2025 13:30

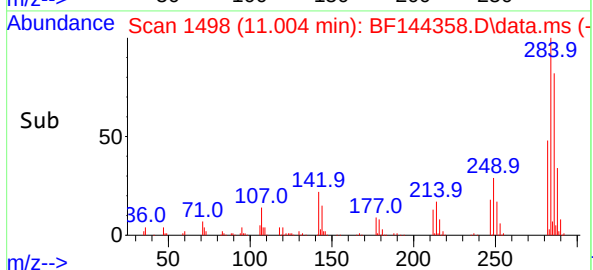
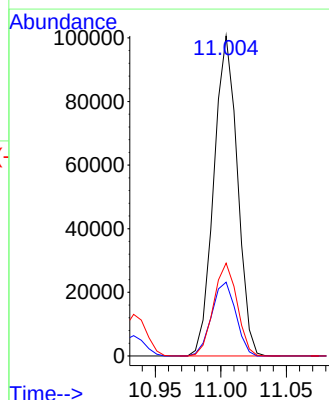
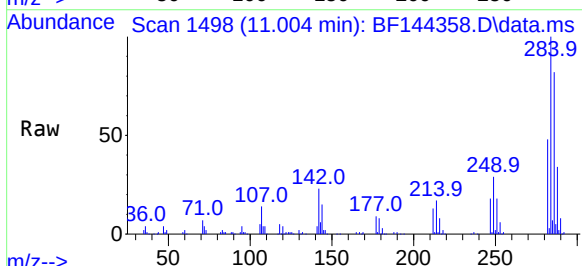
Tgt Ion:284 Resp: 125445

Ion Ratio Lower Upper

284 100

142 23.0 19.2 28.8

249 29.0 23.8 35.8



Abundance Scan 1515 (11.104 min): BF144173.D\data.ms (-

#69

Atrazine

Concen: 38.146 ng

RT: 11.092 min Scan# 1513

Delta R.T. -0.006 min

Lab File: BF144358.D

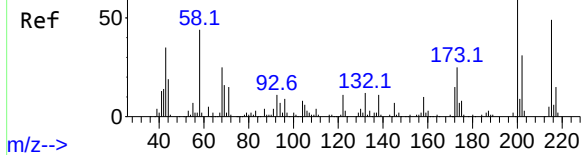
Acq: 26 Nov 2025 13:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



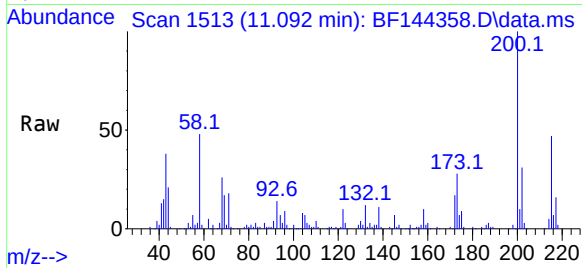
Tgt Ion:200 Resp: 89043

Ion Ratio Lower Upper

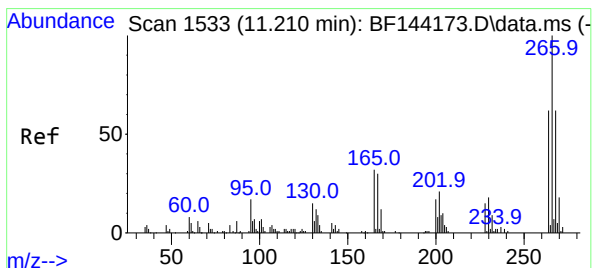
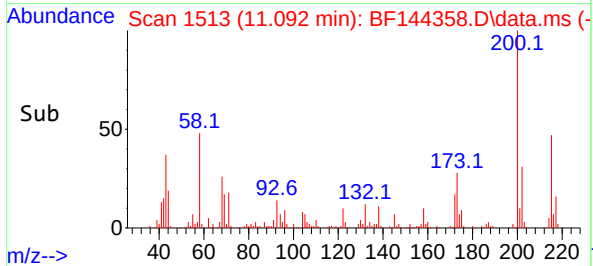
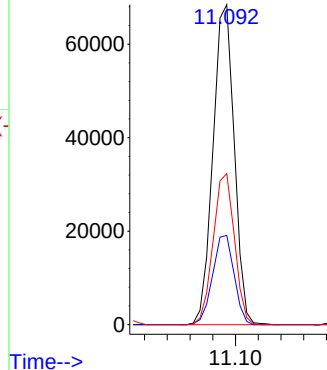
200 100

173 27.9 5.0 45.0

215 47.2 28.7 68.7



Abundance



#70

Pentachlorophenol

Concen: 39.013 ng

RT: 11.204 min Scan# 1532

Delta R.T. -0.012 min

Lab File: BF144358.D

Acq: 26 Nov 2025 13:30

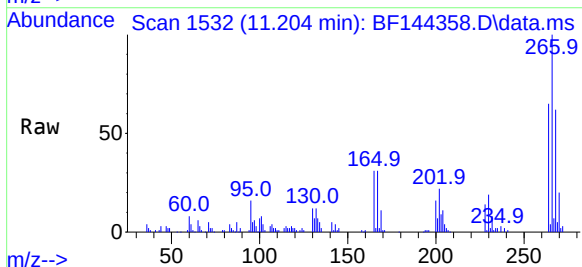
Tgt Ion:266 Resp: 66655

Ion Ratio Lower Upper

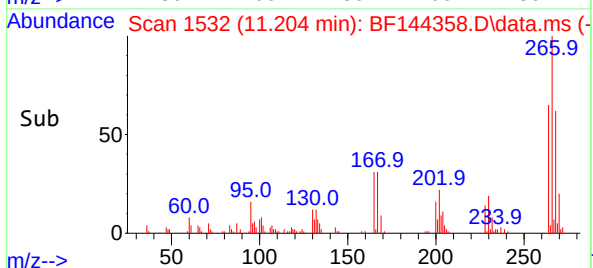
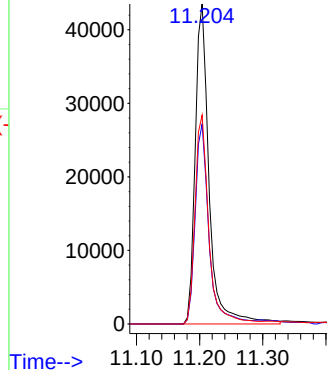
266 100

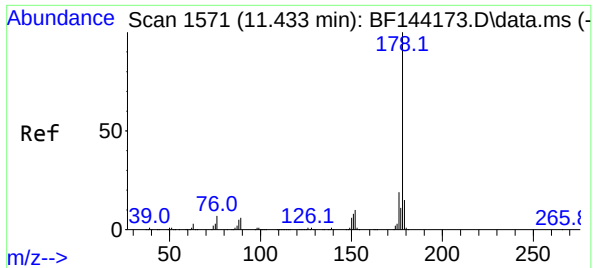
268 62.4 49.5 74.3

264 65.3 49.4 74.2



Abundance

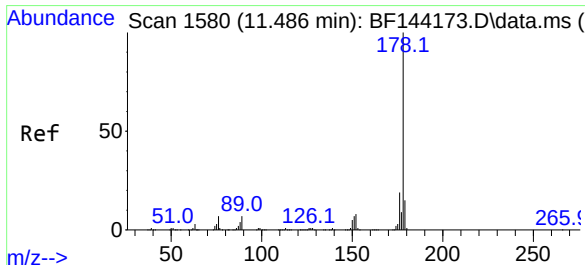
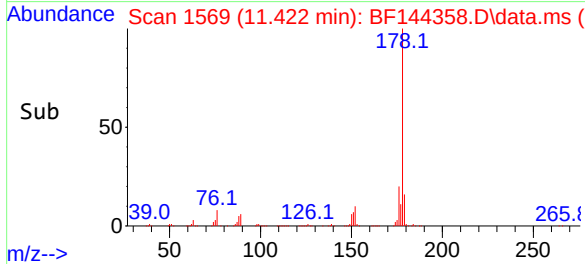
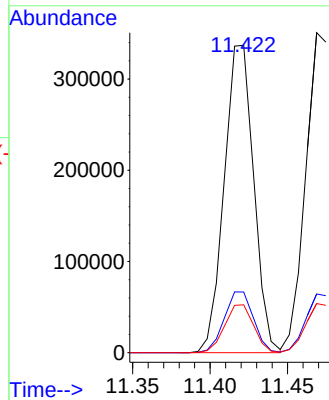
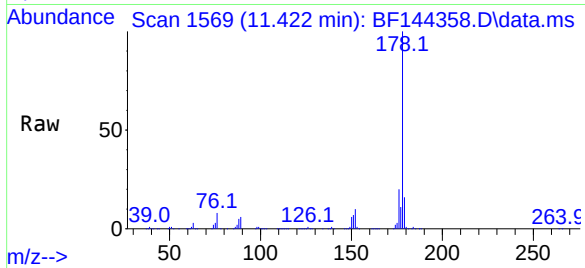




#71
Phenanthrene
Concen: 39.305 ng
RT: 11.422 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

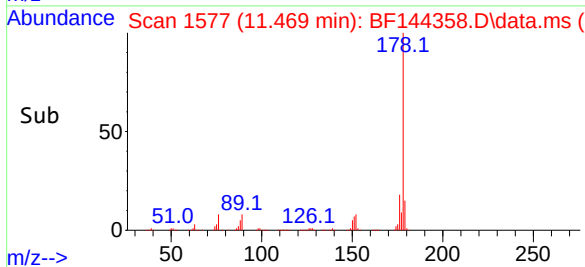
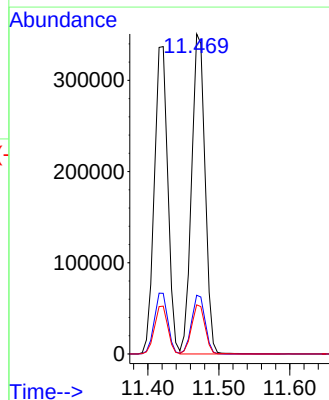
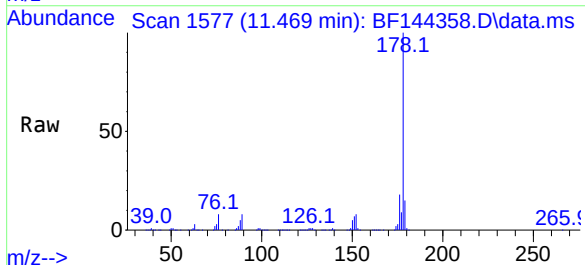
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

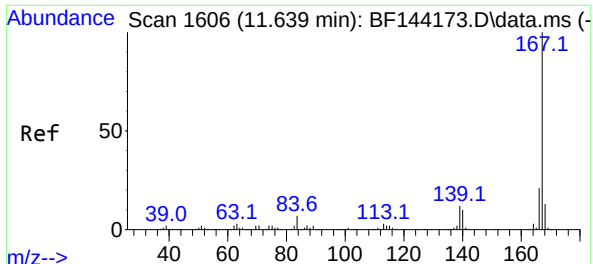
Tgt Ion:178 Resp: 446599
Ion Ratio Lower Upper
178 100
176 19.7 15.5 23.3
179 15.6 12.2 18.4



#72
Anthracene
Concen: 40.044 ng
RT: 11.469 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

Tgt Ion:178 Resp: 462648
Ion Ratio Lower Upper
178 100
176 18.3 15.3 22.9
179 15.4 12.0 18.0

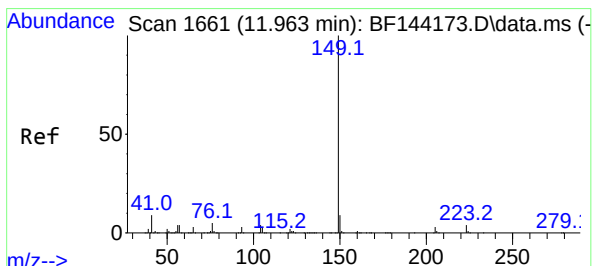
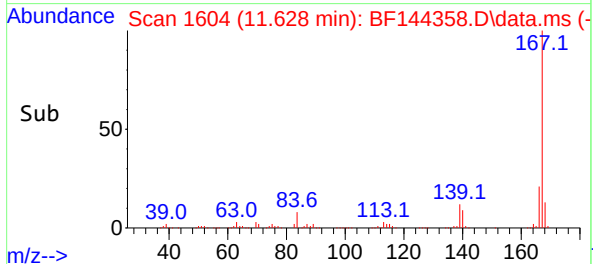
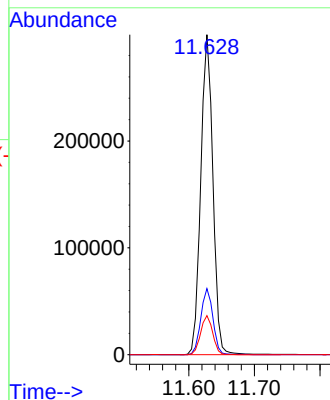
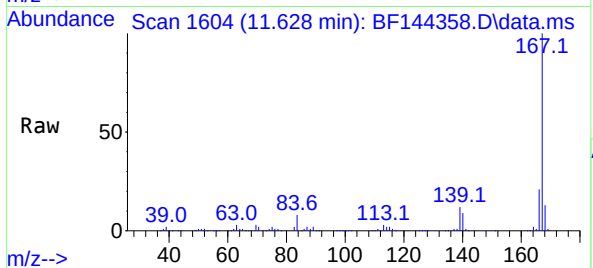




#73
Carbazole
Concen: 39.352 ng
RT: 11.628 min Scan# 1604
Delta R.T. -0.012 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

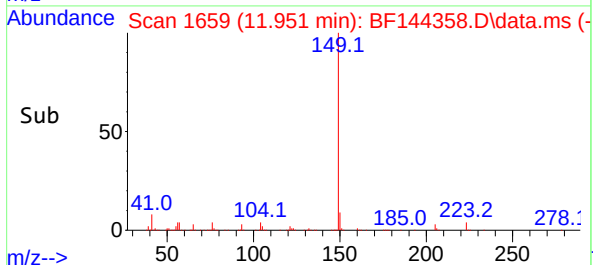
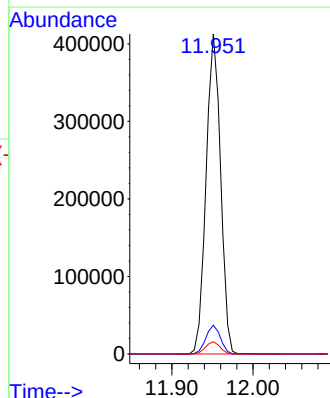
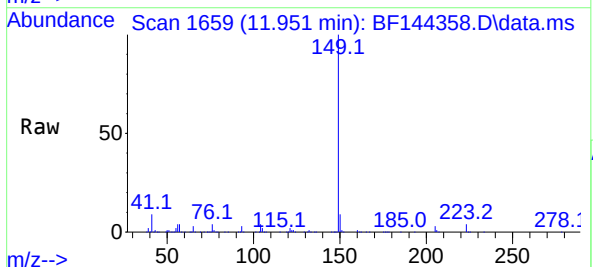
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

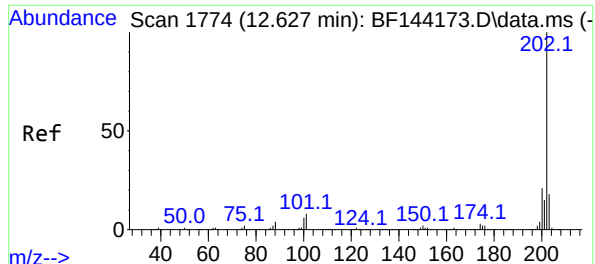
Tgt Ion:167 Resp: 386607
Ion Ratio Lower Upper
167 100
166 20.6 17.2 25.8
139 12.2 9.9 14.9



#74
Di-n-butylphthalate
Concen: 42.925 ng
RT: 11.951 min Scan# 1659
Delta R.T. -0.012 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

Tgt Ion:149 Resp: 509802
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.0
104 3.9 3.4 5.2

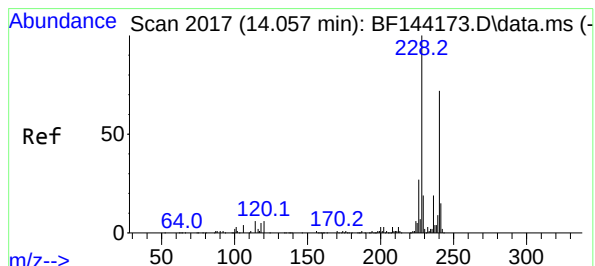
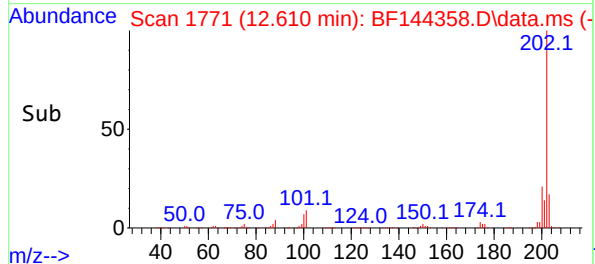
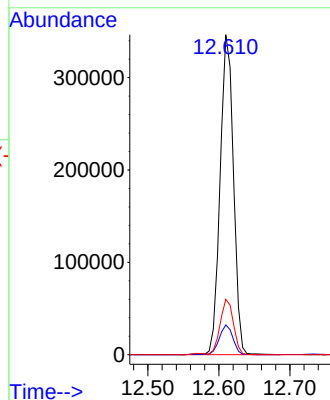
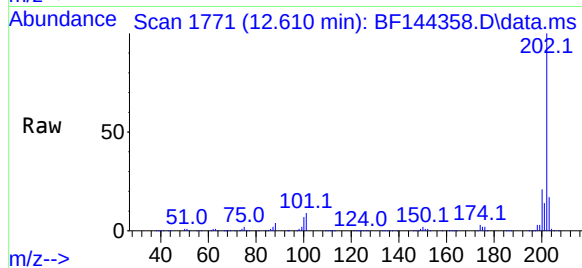




#75
Fluoranthene
Concen: 38.377 ng
RT: 12.610 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

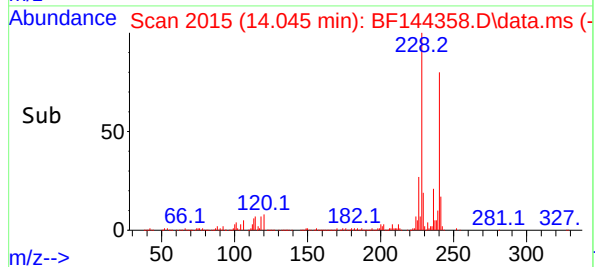
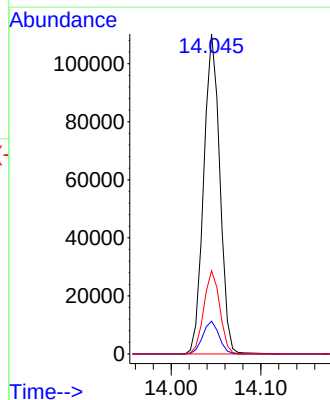
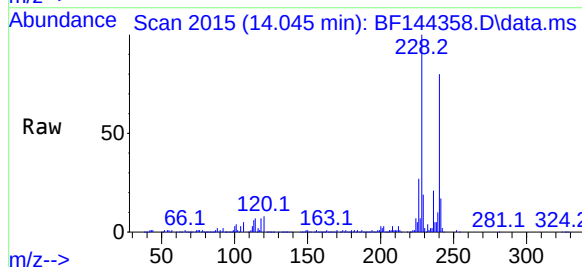
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

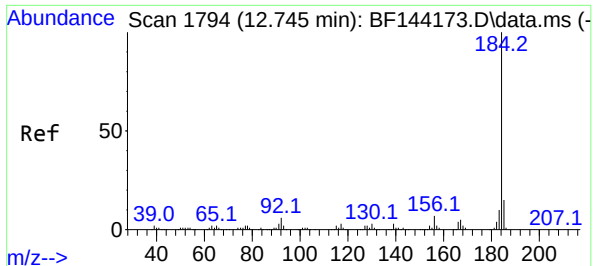
Tgt Ion:202 Resp: 450444
Ion Ratio Lower Upper
202 100
101 9.3 0.0 27.9
203 17.3 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

Tgt Ion:240 Resp: 137488
Ion Ratio Lower Upper
240 100
120 10.3 6.6 10.0#
236 26.0 21.4 32.2

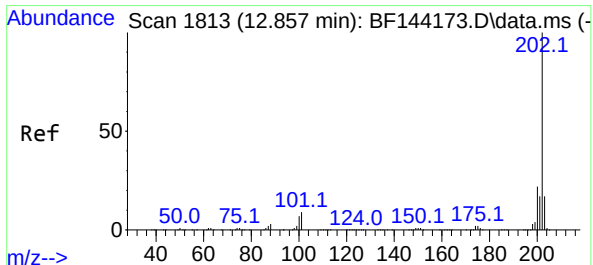
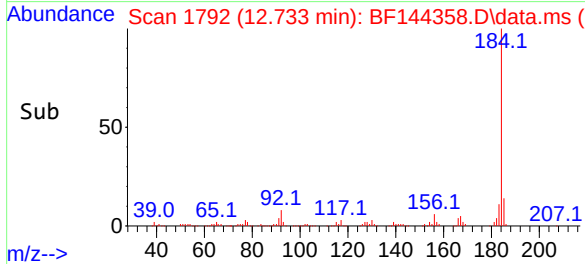
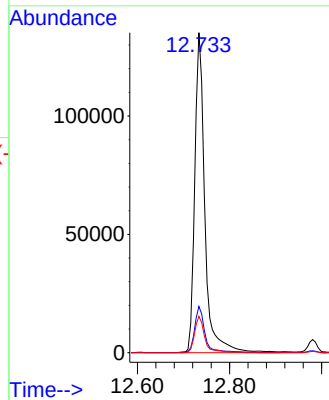
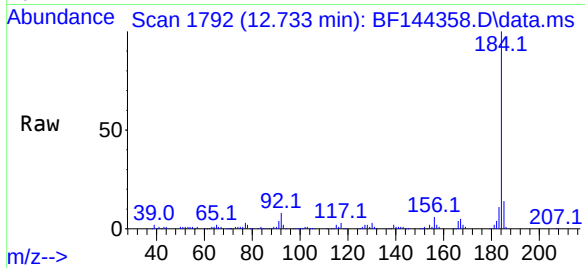




#77
Benzidine
Concen: 50.451 ng
RT: 12.733 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

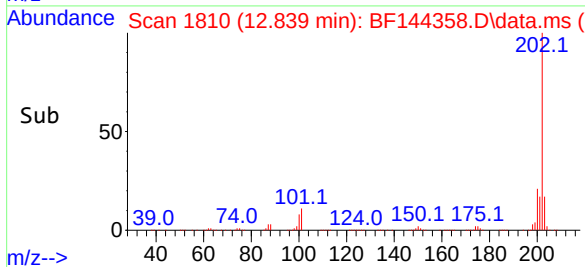
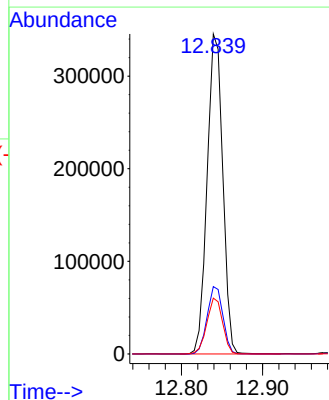
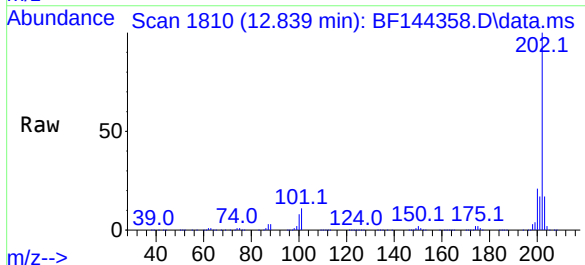
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

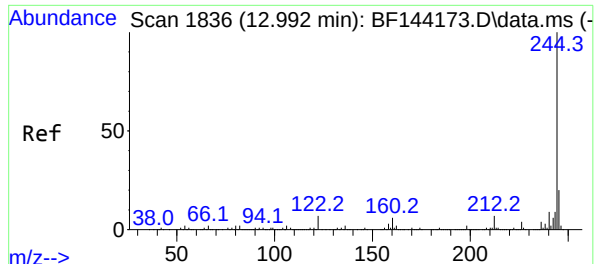
Tgt Ion:184 Resp: 205175
Ion Ratio Lower Upper
184 100
185 14.4 11.7 17.5
183 11.4 8.3 12.5



#78
Pyrene
Concen: 41.562 ng
RT: 12.839 min Scan# 1810
Delta R.T. -0.012 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

Tgt Ion:202 Resp: 460732
Ion Ratio Lower Upper
202 100
200 21.1 17.2 25.8
203 17.4 13.7 20.5





#79

Terphenyl-d14

Concen: 80.194 ng

RT: 12.980 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144358.D

Acq: 26 Nov 2025 13:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

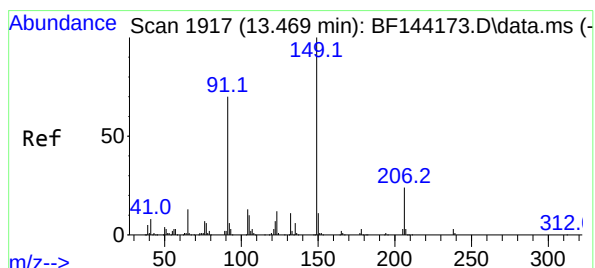
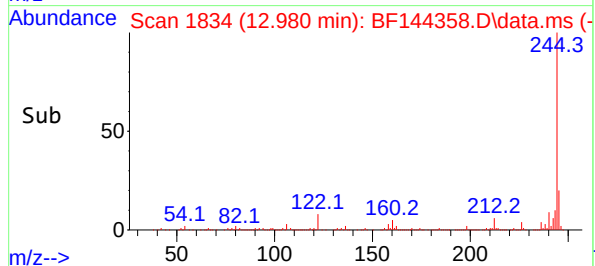
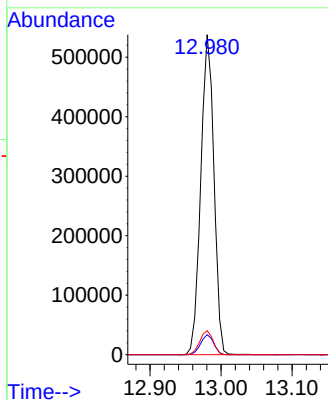
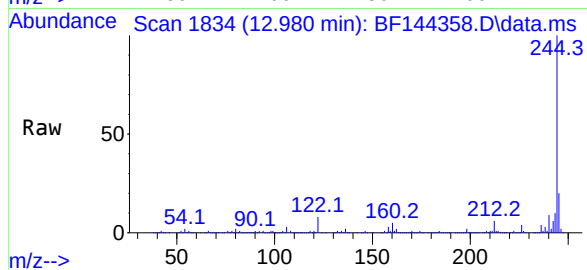
Tgt Ion:244 Resp: 694139

Ion Ratio Lower Upper

244 100

212 6.3 5.3 7.9

122 7.5 5.6 8.4



#80

Butylbenzylphthalate

Concen: 45.433 ng

RT: 13.457 min Scan# 1915

Delta R.T. -0.012 min

Lab File: BF144358.D

Acq: 26 Nov 2025 13:30

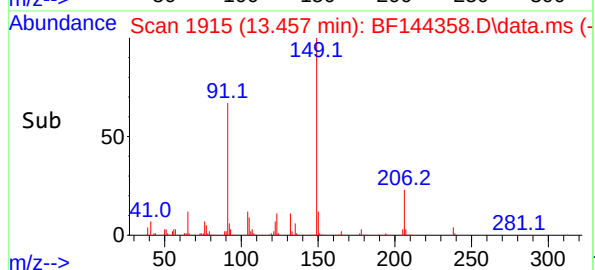
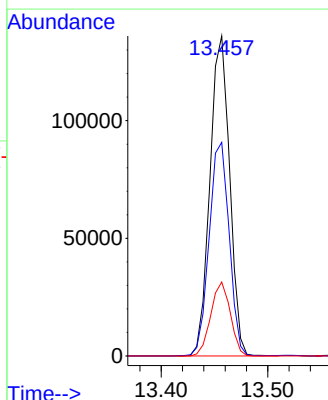
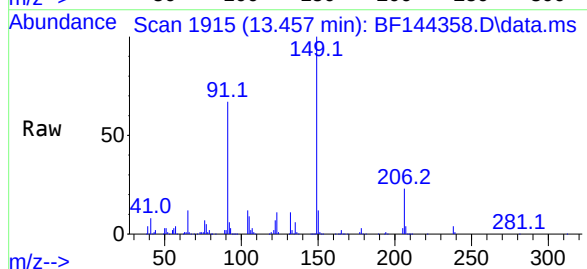
Tgt Ion:149 Resp: 174559

Ion Ratio Lower Upper

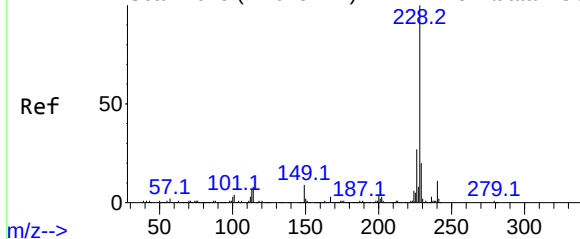
149 100

91 66.8 56.1 84.1

206 23.1 18.8 28.2



Abundance Scan 2015 (14.045 min): BF144173.D\data.ms (-



#81

Benzo(a)anthracene

Concen: 40.711 ng

RT: 14.033 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF144358.D

Acq: 26 Nov 2025 13:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 387931

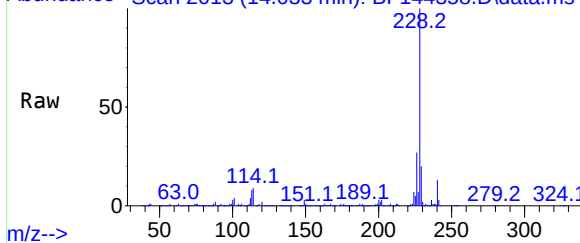
Ion Ratio Lower Upper

228 100

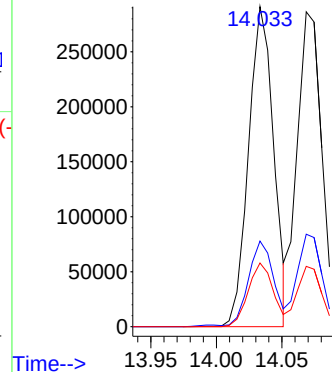
226 26.8 21.8 32.8

229 19.9 15.8 23.6

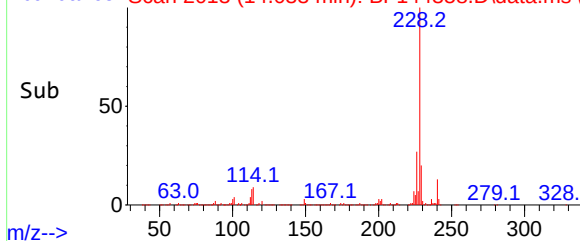
Abundance Scan 2013 (14.033 min): BF144358.D\data.ms



Abundance

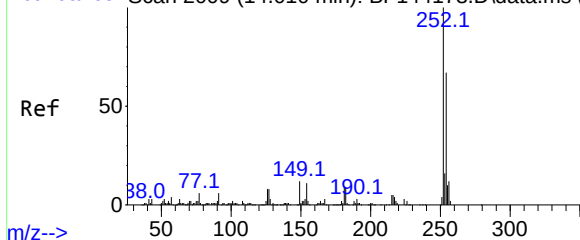


Abundance Scan 2013 (14.033 min): BF144358.D\data.ms (-



Time-->

Abundance Scan 2009 (14.010 min): BF144173.D\data.ms (-



#82

3,3'-Dichlorobenzidine

Concen: 40.795 ng

RT: 13.992 min Scan# 2006

Delta R.T. -0.018 min

Lab File: BF144358.D

Acq: 26 Nov 2025 13:30

Tgt Ion:252 Resp: 133248

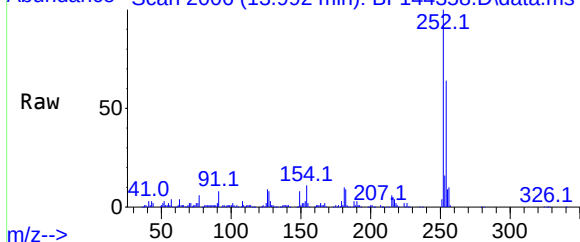
Ion Ratio Lower Upper

252 100

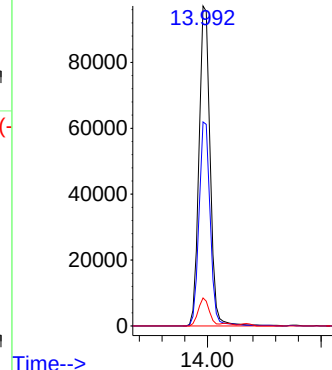
254 63.8 53.5 80.3

126 8.7 6.4 9.6

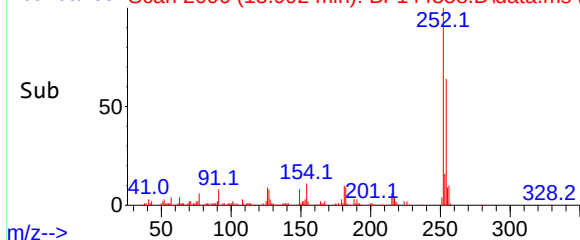
Abundance Scan 2006 (13.992 min): BF144358.D\data.ms



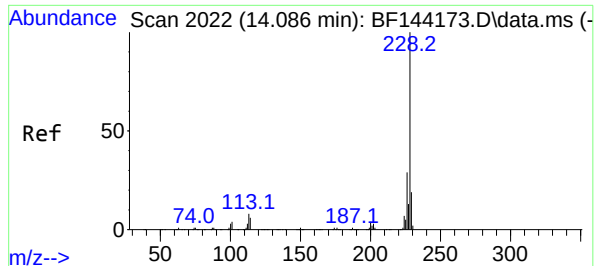
Abundance



Abundance Scan 2006 (13.992 min): BF144358.D\data.ms (-



Time-->



#83

Chrysene

Concen: 42.534 ng

RT: 14.069 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF144358.D

Acq: 26 Nov 2025 13:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

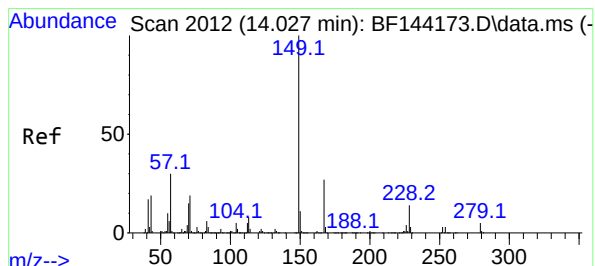
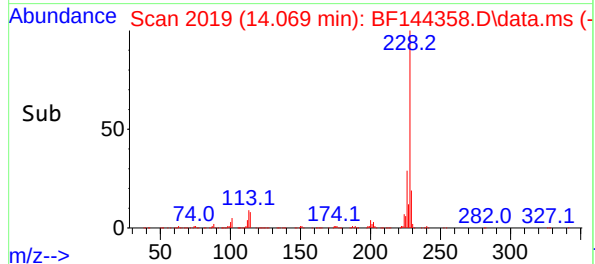
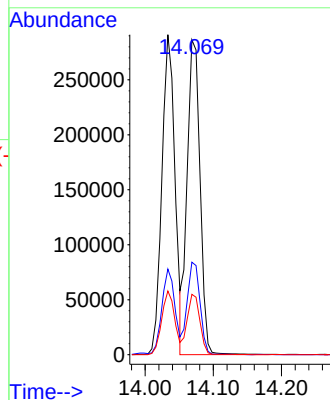
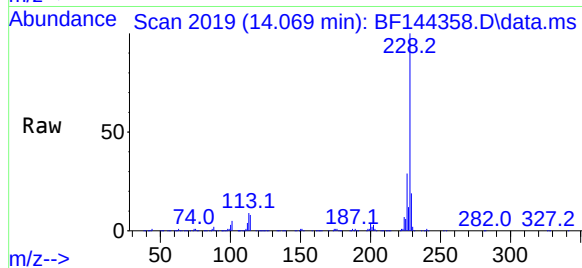
Tgt Ion:228 Resp: 374149

Ion Ratio Lower Upper

228 100

226 29.4 22.9 34.3

229 19.2 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.987 ng

RT: 14.016 min Scan# 2010

Delta R.T. -0.012 min

Lab File: BF144358.D

Acq: 26 Nov 2025 13:30

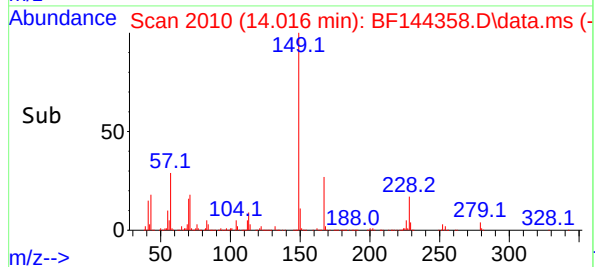
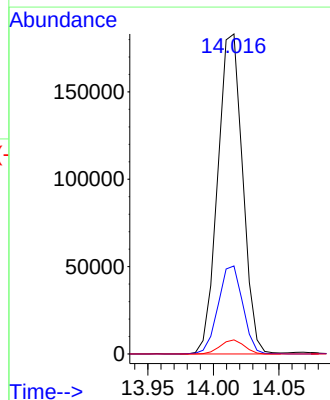
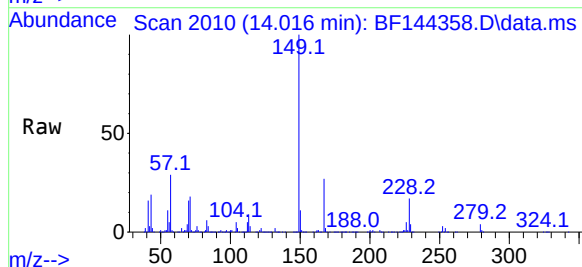
Tgt Ion:149 Resp: 241874

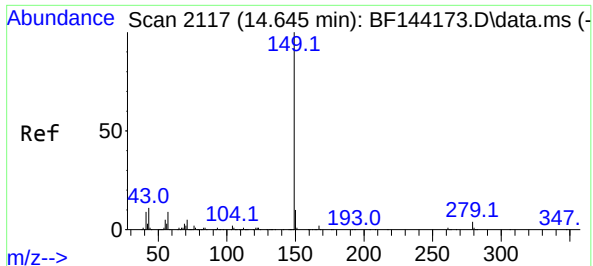
Ion Ratio Lower Upper

149 100

167 27.5 21.8 32.8

279 4.4 3.7 5.5

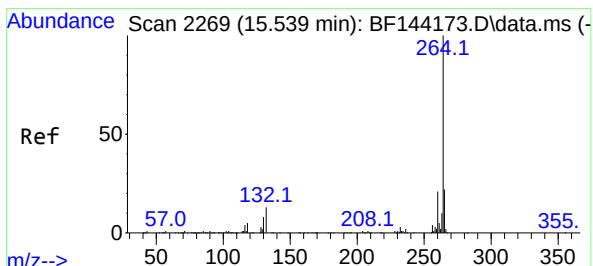
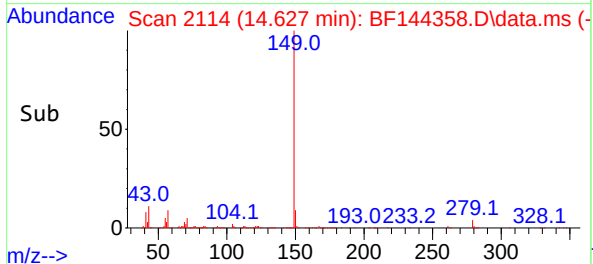
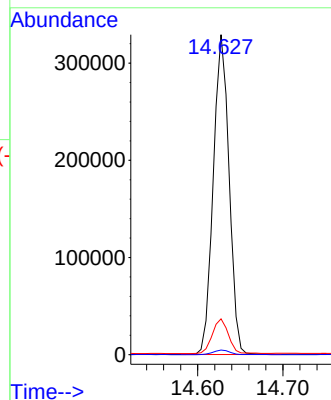
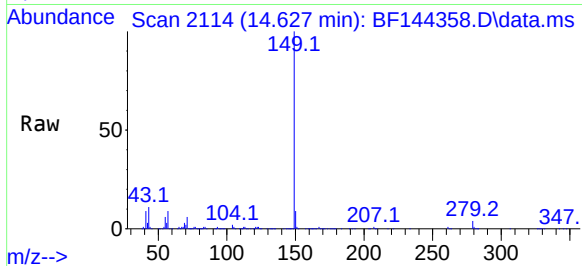




#85
Di-n-octyl phthalate
Concen: 46.657 ng
RT: 14.627 min Scan# 2114
Delta R.T. -0.018 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

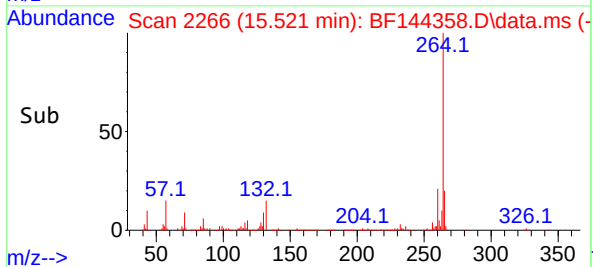
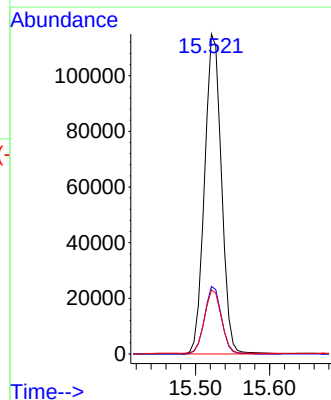
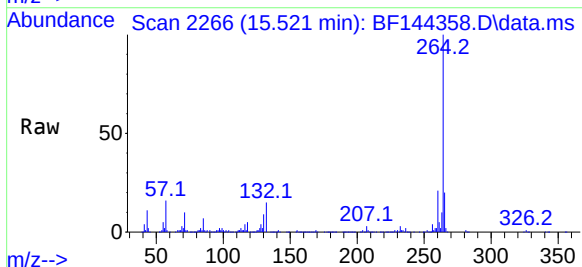
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 423391
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.0 9.0 13.4

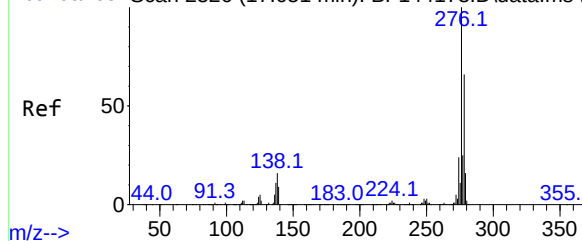


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2266
Delta R.T. -0.018 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

Tgt Ion:264 Resp: 181907
Ion Ratio Lower Upper
264 100
260 21.1 17.1 25.7
265 20.0 17.4 26.0



Abundance Scan 2526 (17.051 min): BF144173.D\data.ms (-



#87

Indeno(1,2,3-cd)pyrene

Concen: 37.933 ng

RT: 17.033 min Scan# 2193

Delta R.T. -0.000 min

Lab File: BF144358.D

Acq: 26 Nov 2025 13:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:276 Resp: 495326

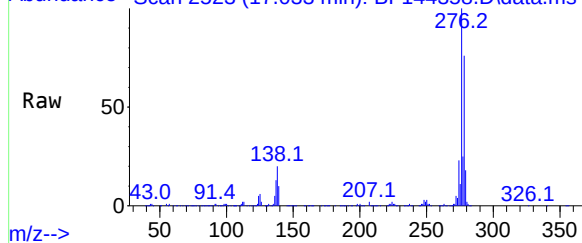
Ion Ratio Lower Upper

276 100

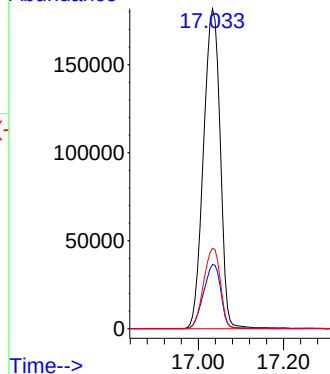
138 20.9 13.9 20.9#

277 25.3 19.8 29.6

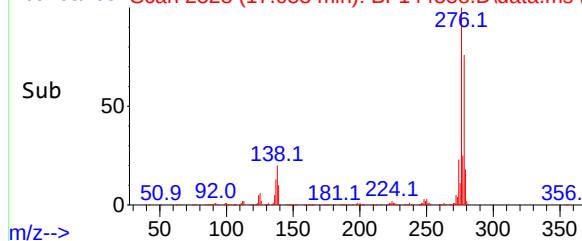
Abundance Scan 2523 (17.033 min): BF144358.D\data.ms



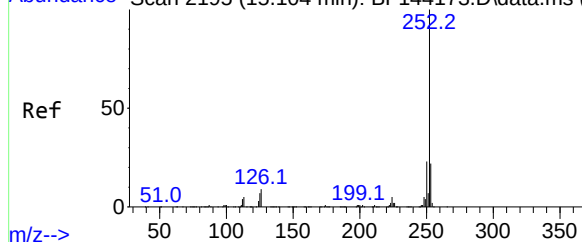
Abundance



Abundance Scan 2523 (17.033 min): BF144358.D\data.ms (-



Abundance Scan 2195 (15.104 min): BF144173.D\data.ms (-



#88

Benzo(b)fluoranthene

Concen: 38.786 ng

RT: 15.092 min Scan# 2193

Delta R.T. -0.006 min

Lab File: BF144358.D

Acq: 26 Nov 2025 13:30

Tgt Ion:252 Resp: 401113

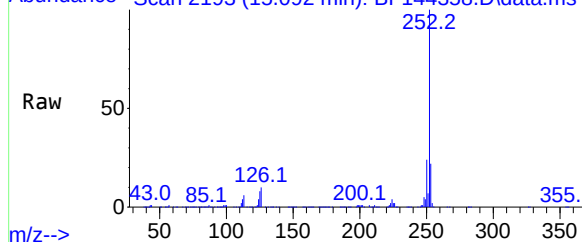
Ion Ratio Lower Upper

252 100

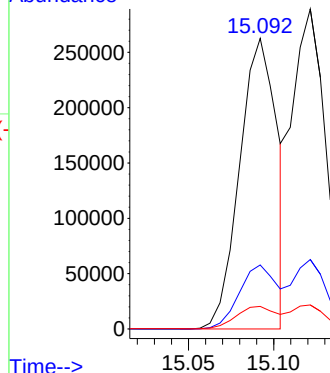
253 22.0 17.4 26.2

125 7.7 5.3 7.9

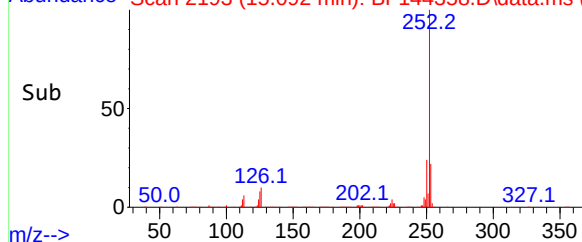
Abundance Scan 2193 (15.092 min): BF144358.D\data.ms

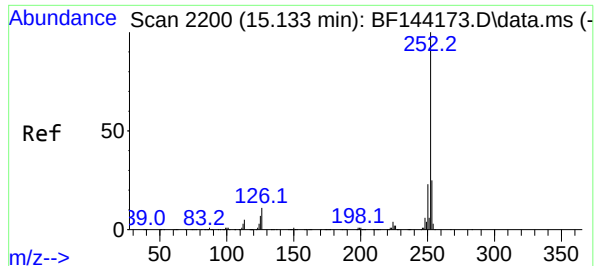


Abundance



Abundance Scan 2193 (15.092 min): BF144358.D\data.ms (-





#89

Benzo(k)fluoranthene

Concen: 41.046 ng

RT: 15.121 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF144358.D

Acq: 26 Nov 2025 13:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

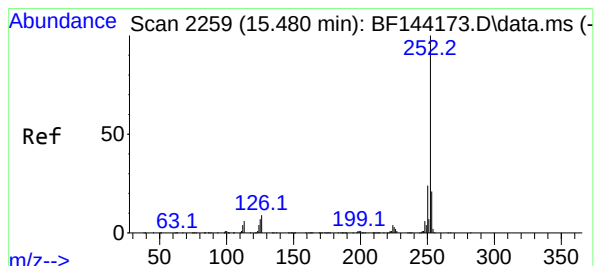
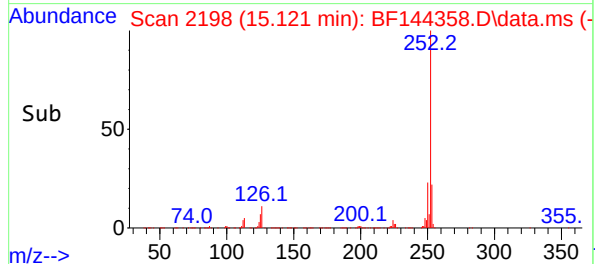
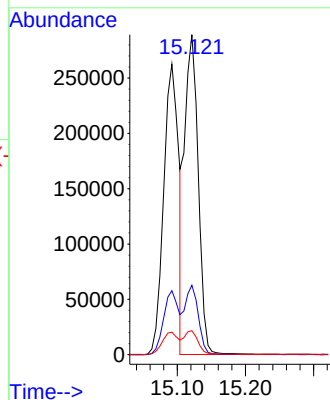
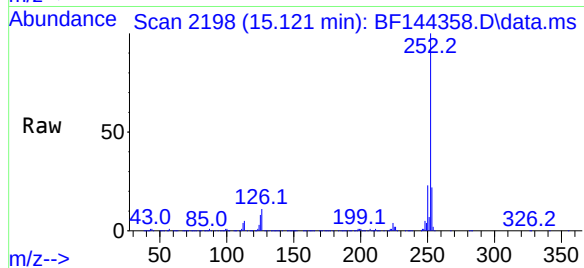
Tgt Ion:252 Resp: 397316

Ion Ratio Lower Upper

252 100

253 21.7 18.0 27.0

125 7.5 5.4 8.2



#90

Benzo(a)pyrene

Concen: 40.256 ng

RT: 15.463 min Scan# 2256

Delta R.T. -0.012 min

Lab File: BF144358.D

Acq: 26 Nov 2025 13:30

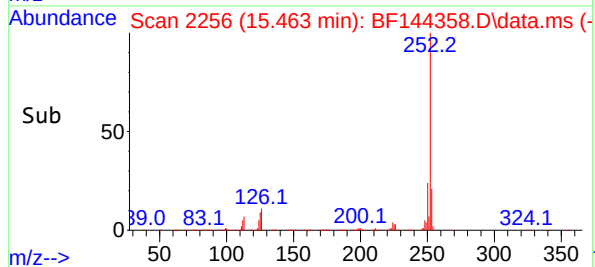
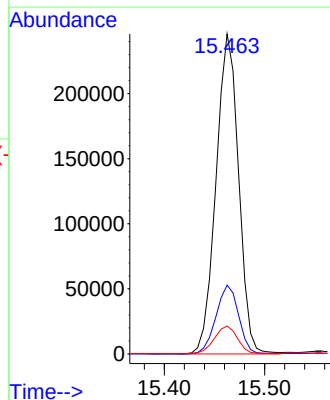
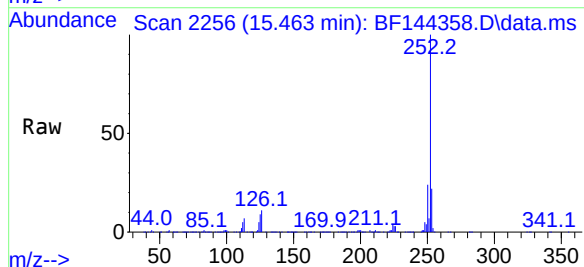
Tgt Ion:252 Resp: 384073

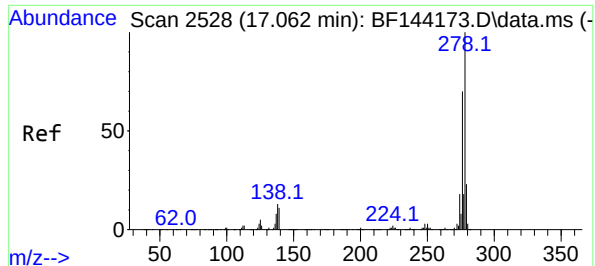
Ion Ratio Lower Upper

252 100

253 21.5 16.7 25.1

125 8.7 5.7 8.5#

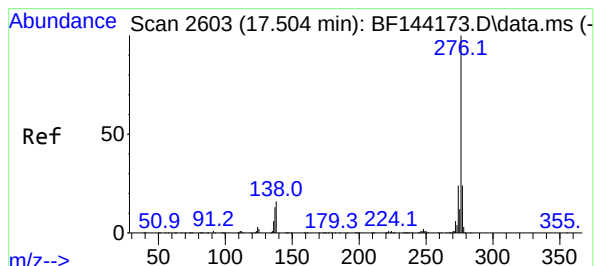
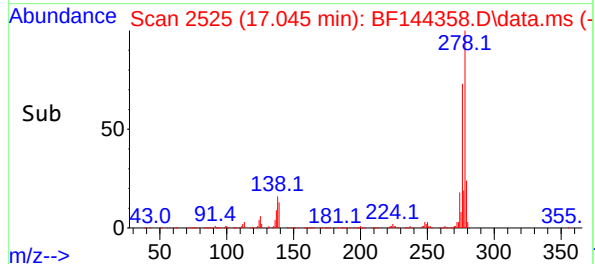
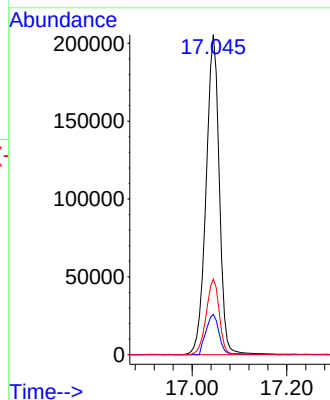
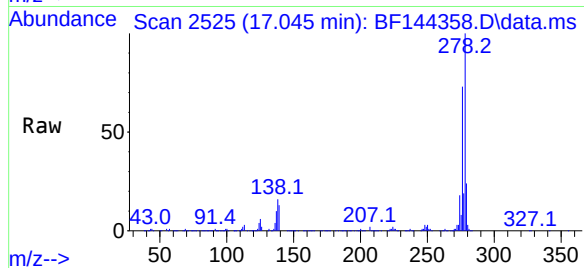




#91
Dibenzo(a,h)anthracene
Concen: 37.946 ng
RT: 17.045 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

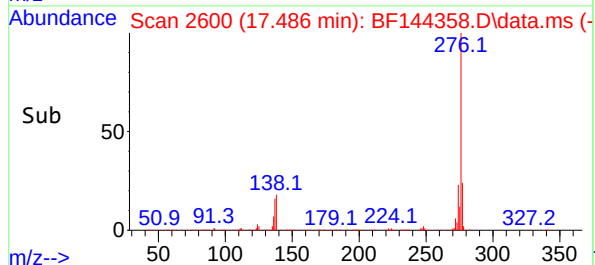
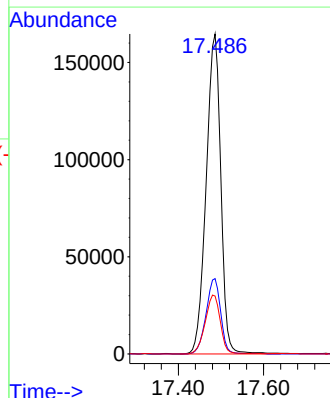
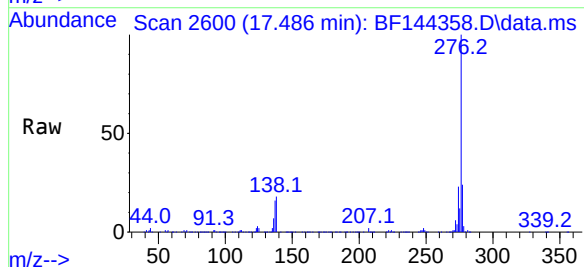
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 397938
Ion Ratio Lower Upper
278 100
139 12.6 9.1 13.7
279 23.7 18.2 27.4



#92
Benzo(g,h,i)perylene
Concen: 37.927 ng
RT: 17.486 min Scan# 2600
Delta R.T. -0.006 min
Lab File: BF144358.D
Acq: 26 Nov 2025 13:30

Tgt Ion:276 Resp: 392773
Ion Ratio Lower Upper
276 100
277 23.5 19.0 28.4
138 18.1 12.9 19.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
 Data File : BF144358.D
 Acq On : 26 Nov 2025 13:30
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Nov 26 13:49:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 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	89	-0.01
2	1,4-Dioxane	0.528	0.543	-2.8	87	-0.04
3	Pyridine	1.474	1.525	-3.5	89	-0.05
4	n-Nitrosodimethylamine	0.770	0.675	12.3	77	-0.05
5 S	2-Fluorophenol	1.278	1.275	0.2	86	-0.01
6	Aniline	2.063	2.016	2.3	87	0.00
7 S	Phenol-d6	1.448	1.387	4.2	84	0.00
8	2-Chlorophenol	1.253	1.227	2.1	85	0.00
9	Benzaldehyde	0.818	0.878	-7.3	95	-0.01
10 C	Phenol	1.769	1.736	1.9	83	0.00
11	bis(2-Chloroethyl)ether	1.289	1.314	-1.9	89	0.00
12	1,3-Dichlorobenzene	1.547	1.482	4.2	85	-0.01
13 C	1,4-Dichlorobenzene	1.549	1.490	3.8	83	-0.01
14	1,2-Dichlorobenzene	1.485	1.437	3.2	86	-0.01
15	Benzyl Alcohol	1.147	1.115	2.8	85	-0.02
16	2,2'-oxybis(1-Chloropropane	2.374	2.427	-2.2	89	0.00
17	2-Methylphenol	0.997	0.994	0.3	85	0.00
18	Hexachloroethane	0.515	0.493	4.3	82	-0.01
19 P	n-Nitroso-di-n-propylamine	0.953	0.878	7.9	82	0.00
20	3+4-Methylphenols	1.175	1.113	5.3	81	-0.01
21 I	Naphthalene-d8	1.000	1.000	0.0	87	-0.01
22	Acetophenone	0.429	0.417	2.8	83	0.00
23 S	Nitrobenzene-d5	0.346	0.346	0.0	84	0.00
24	Nitrobenzene	0.376	0.374	0.5	84	0.00
25	Isophorone	0.655	0.663	-1.2	86	0.00
26 C	2-Nitrophenol	0.186	0.198	-6.5	87	-0.01
27	2,4-Dimethylphenol	0.279	0.283	-1.4	82	0.00
28	bis(2-Chloroethoxy)methane	0.409	0.426	-4.2	87	0.00
29 C	2,4-Dichlorophenol	0.322	0.322	0.0	84	-0.01
30	1,2,4-Trichlorobenzene	0.330	0.317	3.9	82	-0.01
31	Naphthalene	0.951	0.951	0.0	85	0.00
32	Benzoic acid	0.204	0.190	6.9	92	-0.04
33	4-Chloroaniline	0.347	0.359	-3.5	86	-0.01
34 C	Hexachlorobutadiene	0.249	0.230	7.6	77	-0.01
35	Caprolactam	0.088	0.094	-6.8	89	-0.03
36 C	4-Chloro-3-methylphenol	0.288	0.295	-2.4	86	0.00
37	2-Methylnaphthalene	0.636	0.643	-1.1	86	-0.01
38	1-Methylnaphthalene	0.614	0.612	0.3	86	-0.01
39 I	Acenaphthene-d10	1.000	1.000	0.0	88	-0.01
40	1,2,4,5-Tetrachlorobenzene	0.655	0.616	6.0	80	0.00
41 P	Hexachlorocyclopentadiene	0.195	0.174	10.8	76	-0.02
42 S	2,4,6-Tribromophenol	0.251	0.239	4.8	79	0.00
43 C	2,4,6-Trichlorophenol	0.446	0.435	2.5	84	-0.01
44	2,4,5-Trichlorophenol	0.481	0.457	5.0	82	0.00
45 S	2-Fluorobiphenyl	1.354	1.265	6.6	82	0.00
46	1,1'-Biphenyl	1.396	1.350	3.3	84	-0.01
47	2-Chloronaphthalene	1.191	1.157	2.9	84	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
 Data File : BF144358.D
 Acq On : 26 Nov 2025 13:30
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Nov 26 13:49:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 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	0.344	0.347	-0.9	84	-0.01
49	Acenaphthylene	1.623	1.633	-0.6	87	-0.01
50	Dimethylphthalate	1.325	1.353	-2.1	88	-0.01
51	2,6-Dinitrotoluene	0.268	0.277	-3.4	88	0.00
52 C	Acenaphthene	1.085	1.003	7.6	80	-0.01
53	3-Nitroaniline	0.293	0.310	-5.8	86	0.00
54 P	2,4-Dinitrophenol	0.162	0.185	-14.2	116	-0.01
55	Dibenzofuran	1.520	1.493	1.8	84	0.00
56 P	4-Nitrophenol	0.212	0.202	4.7	87	-0.01
57	2,4-Dinitrotoluene	0.359	0.375	-4.5	86	0.00
58	Fluorene	1.156	1.157	-0.1	86	-0.01
59	2,3,4,6-Tetrachlorophenol	0.340	0.336	1.2	82	0.00
60	Diethylphthalate	1.221	1.264	-3.5	88	0.00
61	4-Chlorophenyl-phenylether	0.658	0.634	3.6	81	-0.01
62	4-Nitroaniline	0.279	0.289	-3.6	88	0.00
63	Azobenzene	1.137	1.188	-4.5	89	-0.01
64 I	Phenanthrene-d10	1.000	1.000	0.0	89	-0.01
65	4,6-Dinitro-2-methylphenol	0.136	0.122	10.3	83	-0.01
66 c	n-Nitrosodiphenylamine	0.643	0.634	1.4	87	0.00
67	4-Bromophenyl-phenylether	0.255	0.239	6.3	81	-0.01
68	Hexachlorobenzene	0.301	0.275	8.6	81	0.00
69	Atrazine	0.205	0.195	4.9	84	0.00
70 C	Pentachlorophenol	0.150	0.146	2.7	83	-0.01
71	Phenanthrene	0.996	0.978	1.8	86	0.00
72	Anthracene	1.013	1.014	-0.1	88	-0.01
73	Carbazole	0.861	0.847	1.6	86	-0.01
74	Di-n-butylphthalate	1.041	1.117	-7.3	93	-0.01
75 C	Fluoranthene	1.029	0.987	4.1	83	-0.01
76 I	Chrysene-d12	1.000	1.000	0.0	85	0.00
77	Benzidine	0.592	0.746	-26.0#	101	-0.02
78	Pyrene	1.613	1.676	-3.9	83	-0.01
79 S	Terphenyl-d14	1.259	1.262	-0.2	81	-0.01
80	Butylbenzylphthalate	0.559	0.635	-13.6	91	-0.01
81	Benzo(a)anthracene	1.386	1.411	-1.8	83	-0.01
82	3,3'-Dichlorobenzidine	0.475	0.485	-2.1	85	-0.02
83	Chrysene	1.280	1.361	-6.3	82	-0.01
84	Bis(2-ethylhexyl)phthalate	0.765	0.880	-15.0	91	-0.01
85 c	Di-n-octyl phthalate	1.320	1.540	-16.7	92	-0.02
86 I	Perylene-d12	1.000	1.000	0.0	87	-0.02
87	Indeno(1,2,3-cd)pyrene	1.436	1.361	5.2	80	0.00
88	Benzo(b)fluoranthene	1.137	1.103	3.0	78	0.00
89	Benzo(k)fluoranthene	1.064	1.092	-2.6	91	0.00
90 C	Benzo(a)pyrene	1.049	1.056	-0.7	85	-0.01
91	Dibenzo(a,h)anthracene	1.153	1.094	5.1	79	0.00
92	Benzo(g,h,i)perylene	1.139	1.080	5.2	79	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144358.D
Acq On : 26 Nov 2025 13:30
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Nov 26 13:49:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 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\BF112625\
 Data File : BF144358.D
 Acq On : 26 Nov 2025 13:30
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
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Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Nov 26 13:49:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 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	89	-0.01
2	1,4-Dioxane	40.000	41.120	-2.8	87	-0.04
3	Pyridine	40.000	41.386	-3.5	89	-0.05
4	n-Nitrosodimethylamine	40.000	35.058	12.4	77	-0.05
5 S	2-Fluorophenol	80.000	79.782	0.3	86	-0.01
6	Aniline	40.000	39.090	2.3	87	0.00
7 S	Phenol-d6	80.000	76.640	4.2	84	0.00
8	2-Chlorophenol	40.000	39.159	2.1	85	0.00
9	Benzaldehyde	40.000	42.954	-7.4	95	-0.01
10 C	Phenol	40.000	39.252	1.9	83	0.00
11	bis(2-Chloroethyl)ether	40.000	40.775	-1.9	89	0.00
12	1,3-Dichlorobenzene	40.000	38.325	4.2	85	-0.01
13 C	1,4-Dichlorobenzene	40.000	38.466	3.8	83	-0.01
14	1,2-Dichlorobenzene	40.000	38.706	3.2	86	-0.01
15	Benzyl Alcohol	40.000	38.897	2.8	85	-0.02
16	2,2'-oxybis(1-Chloropropane	40.000	40.884	-2.2	89	0.00
17	2-Methylphenol	40.000	39.870	0.3	85	0.00
18	Hexachloroethane	40.000	38.311	4.2	82	-0.01
19 P	n-Nitroso-di-n-propylamine	40.000	36.859	7.9	82	0.00
20	3+4-Methylphenols	40.000	37.893	5.3	81	-0.01
21 I	Naphthalene-d8	20.000	20.000	0.0	87	-0.01
22	Acetophenone	40.000	38.834	2.9	83	0.00
23 S	Nitrobenzene-d5	80.000	79.993	0.0	84	0.00
24	Nitrobenzene	40.000	39.801	0.5	84	0.00
25	Isophorone	40.000	40.493	-1.2	86	0.00
26 C	2-Nitrophenol	40.000	42.519	-6.3	87	-0.01
27	2,4-Dimethylphenol	40.000	40.608	-1.5	82	0.00
28	bis(2-Chloroethoxy)methane	40.000	41.620	-4.0	87	0.00
29 C	2,4-Dichlorophenol	40.000	40.066	-0.2	84	-0.01
30	1,2,4-Trichlorobenzene	40.000	38.451	3.9	82	-0.01
31	Naphthalene	40.000	39.984	0.0	85	0.00
32	Benzoic acid	40.000	37.128	7.2	92	-0.04
33	4-Chloroaniline	40.000	41.382	-3.5	86	-0.01
34 C	Hexachlorobutadiene	40.000	36.970	7.6	77	-0.01
35	Caprolactam	40.000	42.776	-6.9	89	-0.03
36 C	4-Chloro-3-methylphenol	40.000	40.980	-2.4	86	0.00
37	2-Methylnaphthalene	40.000	40.421	-1.1	86	-0.01
38	1-Methylnaphthalene	40.000	39.879	0.3	86	-0.01
39 I	Acenaphthene-d10	20.000	20.000	0.0	88	-0.01
40	1,2,4,5-Tetrachlorobenzene	40.000	37.591	6.0	80	0.00
41 P	Hexachlorocyclopentadiene	40.000	36.012	10.0	76	-0.02
42 S	2,4,6-Tribromophenol	80.000	76.285	4.6	79	0.00
43 C	2,4,6-Trichlorophenol	40.000	39.029	2.4	84	-0.01
44	2,4,5-Trichlorophenol	40.000	37.992	5.0	82	0.00
45 S	2-Fluorobiphenyl	80.000	74.726	6.6	82	0.00
46	1,1'-Biphenyl	40.000	38.688	3.3	84	-0.01
47	2-Chloronaphthalene	40.000	38.877	2.8	84	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
 Data File : BF144358.D
 Acq On : 26 Nov 2025 13:30
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Nov 26 13:49:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	40.432	-1.1	84	-0.01
49	Acenaphthylene	40.000	40.257	-0.6	87	-0.01
50	Dimethylphthalate	40.000	40.845	-2.1	88	-0.01
51	2,6-Dinitrotoluene	40.000	41.353	-3.4	88	0.00
52 C	Acenaphthene	40.000	36.962	7.6	80	-0.01
53	3-Nitroaniline	40.000	42.236	-5.6	86	0.00
54 P	2,4-Dinitrophenol	40.000	45.717	-14.3	116	-0.01
55	Dibenzofuran	40.000	39.280	1.8	84	0.00
56 P	4-Nitrophenol	40.000	38.064	4.8	87	-0.01
57	2,4-Dinitrotoluene	40.000	41.820	-4.6	86	0.00
58	Fluorene	40.000	40.038	-0.1	86	-0.01
59	2,3,4,6-Tetrachlorophenol	40.000	39.503	1.2	82	0.00
60	Diethylphthalate	40.000	41.408	-3.5	88	0.00
61	4-Chlorophenyl-phenylether	40.000	38.545	3.6	81	-0.01
62	4-Nitroaniline	40.000	41.472	-3.7	88	0.00
63	Azobenzene	40.000	41.806	-4.5	89	-0.01
64 I	Phenanthrene-d10	20.000	20.000	0.0	89	-0.01
65	4,6-Dinitro-2-methylphenol	40.000	36.051	9.9	83	-0.01
66 c	n-Nitrosodiphenylamine	40.000	39.417	1.5	87	0.00
67	4-Bromophenyl-phenylether	40.000	37.471	6.3	81	-0.01
68	Hexachlorobenzene	40.000	36.562	8.6	81	0.00
69	Atrazine	40.000	38.146	4.6	84	0.00
70 C	Pentachlorophenol	40.000	39.013	2.5	83	-0.01
71	Phenanthrene	40.000	39.305	1.7	86	0.00
72	Anthracene	40.000	40.044	-0.1	88	-0.01
73	Carbazole	40.000	39.352	1.6	86	-0.01
74	Di-n-butylphthalate	40.000	42.925	-7.3	93	-0.01
75 C	Fluoranthene	40.000	38.377	4.1	83	-0.01
76 I	Chrysene-d12	20.000	20.000	0.0	85	0.00
77	Benzidine	40.000	50.451	-26.1#	101	-0.02
78	Pyrene	40.000	41.562	-3.9	83	-0.01
79 S	Terphenyl-d14	80.000	80.194	-0.2	81	-0.01
80	Butylbenzylphthalate	40.000	45.433	-13.6	91	-0.01
81	Benzo(a)anthracene	40.000	40.711	-1.8	83	-0.01
82	3,3'-Dichlorobenzidine	40.000	40.795	-2.0	85	-0.02
83	Chrysene	40.000	42.534	-6.3	82	-0.01
84	Bis(2-ethylhexyl)phthalate	40.000	45.987	-15.0	91	-0.01
85 c	Di-n-octyl phthalate	40.000	46.657	-16.6	92	-0.02
86 I	Perylene-d12	20.000	20.000	0.0	87	-0.02
87	Indeno(1,2,3-cd)pyrene	40.000	37.933	5.2	80	0.00
88	Benzo(b)fluoranthene	40.000	38.786	3.0	78	0.00
89	Benzo(k)fluoranthene	40.000	41.046	-2.6	91	0.00
90 C	Benzo(a)pyrene	40.000	40.256	-0.6	85	-0.01
91	Dibenzo(a,h)anthracene	40.000	37.946	5.1	79	0.00
92	Benzo(g,h,i)perylene	40.000	37.927	5.2	79	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144358.D
Acq On : 26 Nov 2025 13:30
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Nov 26 13:49:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 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:	<u>Alliance</u>	Contract:	<u>ROMA02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3604</u>
Instrument ID:	<u>BNA_P</u>	Calibration Date/Time:	<u>12/01/2025 14:09</u>
Lab File ID:	<u>BP026197.D</u>	Init. Calib. Date(s):	<u>11/18/2025 11/18/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>14:31 21:22</u>
GC Column:	<u>ZB-GR</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.246	1.183		-5.1	
Benzaldehyde	0.831	0.844		1.6	
Phenol-d6	1.586	1.496		-5.7	
Phenol	1.709	1.612		-5.7	20.0
bis(2-Chloroethyl)ether	1.338	1.312		-1.9	
2-Chlorophenol	1.418	1.381		-2.6	
2-Methylphenol	1.163	1.110		-4.6	
2,2-oxybis(1-Chloropropane)	1.879	1.879		0.0	
Acetophenone	0.508	0.500		-1.6	
3+4-Methylphenols	1.612	1.495		-7.3	
n-Nitroso-di-n-propylamine	0.985	0.953	0.050	-3.2	
Nitrobenzene-d5	0.352	0.352		0.0	
Hexachloroethane	0.560	0.573		2.3	
Nitrobenzene	0.356	0.356		0.0	
Isophorone	0.698	0.683		-2.1	
2-Nitrophenol	0.180	0.175		-2.8	20.0
2,4-Dimethylphenol	0.325	0.289		-11.1	
bis(2-Chloroethoxy)methane	0.437	0.426		-2.5	
2,4-Dichlorophenol	0.325	0.323		-0.6	20.0
Naphthalene	1.081	1.080		-0.1	
4-Chloroaniline	0.460	0.432		-6.1	
Hexachlorobutadiene	0.215	0.227		5.6	20.0
Caprolactam	0.116	0.105		-9.5	
4-Chloro-3-methylphenol	0.345	0.334		-3.2	20.0
2-Methylnaphthalene	0.766	0.763		-0.4	
Hexachlorocyclopentadiene	0.396	0.358	0.050	-9.6	
2,4,6-Trichlorophenol	0.415	0.422		1.7	20.0
2-Fluorobiphenyl	1.365	1.415		3.7	
2,4,5-Trichlorophenol	0.463	0.466		0.6	
1,1-Biphenyl	1.506	1.511		0.3	
2-Chloronaphthalene	1.184	1.183		-0.1	
2-Nitroaniline	0.329	0.316		-4.0	
Dimethylphthalate	1.494	1.496		0.1	
Acenaphthylene	1.953	1.984		1.6	
2,6-Dinitrotoluene	0.296	0.297		0.3	
3-Nitroaniline	0.349	0.327		-6.3	
Acenaphthene	1.145	1.146		0.1	20.0
2,4-Dinitrophenol	0.179	0.160	0.050	-10.6	
4-Nitrophenol	0.315	0.265	0.050	-15.9	



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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>ROMA02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3604</u>
Instrument ID:	<u>BNA_P</u>	Calibration Date/Time:	<u>12/01/2025 14:09</u>
Lab File ID:	<u>BP026197.D</u>	Init. Calib. Date(s):	<u>11/18/2025 11/18/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>14:31 21:22</u>
GC Column:	<u>ZB-GR</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.773	1.788		0.8	
2,4-Dinitrotoluene	0.442	0.444		0.5	
Diethylphthalate	1.505	1.488		-1.1	
4-Chlorophenyl-phenylether	0.697	0.715		2.6	
Fluorene	1.401	1.429		2.0	
4-Nitroaniline	0.362	0.328		-9.4	
4,6-Dinitro-2-methylphenol	0.127	0.120		-5.5	
n-Nitrosodiphenylamine	0.619	0.618		-0.2	20.0
2,4,6-Tribromophenol	0.259	0.261		0.8	
4-Bromophenyl-phenylether	0.221	0.229		3.6	
Hexachlorobenzene	0.257	0.266		3.5	
Atrazine	0.233	0.231		-0.9	
Pentachlorophenol	0.180	0.179		-0.6	20.0
Phenanthrene	1.127	1.149		2.0	
Anthracene	1.149	1.145		-0.3	
Carbazole	1.091	1.074		-1.6	
Di-n-butylphthalate	1.294	1.325		2.4	
Fluoranthene	1.369	1.373		0.3	20.0
Pyrene	1.311	1.288		-1.8	
Terphenyl-d14	0.981	0.994		1.3	
Butylbenzylphthalate	0.578	0.557		-3.6	
3,3-Dichlorobenzidine	0.500	0.463		-7.4	
Benzo (a) anthracene	1.374	1.338		-2.6	
Chrysene	1.295	1.277		-1.4	
Bis(2-ethylhexyl)phthalate	0.874	0.870		-0.5	
Di-n-octyl phthalate	1.529	1.473		-3.7	20.0
Benzo (b) fluoranthene	1.218	1.215		-0.2	
Benzo (k) fluoranthene	1.217	1.260		3.5	
Benzo (a) pyrene	1.154	1.169		1.3	20.0
Indeno (1,2,3-cd) pyrene	1.500	1.526		1.7	
Dibenzo (a,h) anthracene	1.228	1.250		1.8	
Benzo (g,h,i) perylene	1.220	1.252		2.6	
1,2,4,5-Tetrachlorobenzene	0.605	0.635		5.0	
1,4-Dioxane	0.505	0.497		-1.6	20.0
2,3,4,6-Tetrachlorophenol	0.393	0.381		-3.1	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120125\
 Data File : BP026197.D
 Acq On : 01 Dec 2025 14:09
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
 Supervised By :mohammad ahmed 12/03/2025

Quant Time: Dec 01 14:29:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 01:25:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.660	152	271172	20.000	ng	-0.01
21) Naphthalene-d8	10.425	136	1093509	20.000	ng	-0.02
39) Acenaphthene-d10	14.289	164	683760	20.000	ng	-0.04
64) Phenanthrene-d10	17.101	188	1350551	20.000	ng	-0.03
76) Chrysene-d12	21.542	240	1519755	20.000	ng	-0.03
86) Perylene-d12	24.830	264	1717381	20.000	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.284	112	1283197	75.953	ng	0.00
7) Phenol-d6	6.843	99	1622703	75.446	ng	-0.01
23) Nitrobenzene-d5	8.802	82	1540283	80.010	ng	-0.01
42) 2,4,6-Tribromophenol	15.813	330	713914	80.486	ng	-0.02
45) 2-Fluorobiphenyl	12.901	172	3868910	82.928	ng	-0.03
79) Terphenyl-d14	19.830	244	6044676	81.101	ng	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.219	88	269352	39.307	ng	99
3) Pyridine	3.614	79	744096	37.574	ng	99
4) n-Nitrosodimethylamine	3.525	42	288111	38.927	ng	94
6) Aniline	6.996	93	1054187	37.122	ng	99
8) 2-Chlorophenol	7.237	128	749138	38.956	ng	100
9) Benzaldehyde	6.813	77	457638	40.603	ng	99
10) Phenol	6.872	94	873995	37.721	ng	98
11) bis(2-Chloroethyl)ether	7.096	93	711680	39.229	ng	98
12) 1,3-Dichlorobenzene	7.555	146	829672	40.046	ng	100
13) 1,4-Dichlorobenzene	7.696	146	833634	39.932	ng	99
14) 1,2-Dichlorobenzene	8.007	146	798558	39.835	ng	99
15) Benzyl Alcohol	7.896	79	589490	37.411	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.178	45	1019307	40.007	ng	99
17) 2-Methylphenol	8.096	107	602032	38.169	ng	98
18) Hexachloroethane	8.731	117	310623	40.893	ng	97
19) n-Nitroso-di-n-propyla...	8.460	70	516988	38.692	ng	99
20) 3+4-Methylphenols	8.419	107	810873	37.100	ng	99
22) Acetophenone	8.472	105	1093793	39.353	ng	99
24) Nitrobenzene	8.843	77	777675	39.935	ng	99
25) Isophorone	9.360	82	1493934	39.144	ng	99
26) 2-Nitrophenol	9.543	139	382911	38.860	ng	98
27) 2,4-Dimethylphenol	9.607	122	632302	35.586	ng	98
28) bis(2-Chloroethoxy)met...	9.843	93	932252	39.003	ng	98
29) 2,4-Dichlorophenol	10.072	162	706107	39.761	ng	99
30) 1,2,4-Trichlorobenzene	10.290	180	737552	40.785	ng	99
31) Naphthalene	10.478	128	2362964	39.984	ng	99
32) Benzoic acid	9.743	122	471520	31.513	ng	99
33) 4-Chloroaniline	10.578	127	944636	37.586	ng	99
34) Hexachlorobutadiene	10.766	225	496455	42.211	ng	99
35) Caprolactam	11.360	113	228718	35.968	ng	99
36) 4-Chloro-3-methylphenol	11.713	107	729444	38.646	ng	99
37) 2-Methylnaphthalene	12.095	142	1667759	39.806	ng	100
38) 1-Methylnaphthalene	12.307	142	1642652	40.113	ng	99
40) 1,2,4,5-Tetrachloroben...	12.466	216	867969	41.981	ng	100
41) Hexachlorocyclopentadiene	12.454	237	489314	36.162	ng	99
43) 2,4,6-Trichlorophenol	12.707	196	577007	40.708	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120125\
 Data File : BP026197.D
 Acq On : 01 Dec 2025 14:09
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
 Supervised By :mohammad ahmed 12/03/2025

Quant Time: Dec 01 14:29:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 01:25:31 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.778	196	637633	40.301	ng	99
46) 1,1'-Biphenyl	13.113	154	2066591	40.138	ng	99
47) 2-Chloronaphthalene	13.154	162	1617498	39.951	ng	99
48) 2-Nitroaniline	13.354	65	431659	38.340	ng	98
49) Acenaphthylene	14.013	152	2713386	40.630	ng	100
50) Dimethylphthalate	13.748	163	2046122	40.065	ng	99
51) 2,6-Dinitrotoluene	13.854	165	406005	40.122	ng	98
52) Acenaphthene	14.354	154	1567254	40.046	ng	98
53) 3-Nitroaniline	14.189	138	447093	37.525	ng	100
54) 2,4-Dinitrophenol	14.401	184	218862	35.829	ng	97
55) Dibenzofuran	14.695	168	2445109	40.337	ng	100
56) 4-Nitrophenol	14.513	139	362794	33.659	ng	97
57) 2,4-Dinitrotoluene	14.654	165	607625	40.215	ng	99
58) Fluorene	15.360	166	1953883	40.781	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.919	232	521019	38.817	ng	100
60) Diethylphthalate	15.142	149	2035537	39.567	ng	100
61) 4-Chlorophenyl-phenyle...	15.360	204	977633	41.010	ng	99
62) 4-Nitroaniline	15.372	138	448462	36.247	ng	97
63) Azobenzene	15.660	77	1735358	40.005	ng	99
65) 4,6-Dinitro-2-methylph...	15.436	198	324899	37.868	ng	97
66) n-Nitrosodiphenylamine	15.578	169	1670222	39.978	ng	99
67) 4-Bromophenyl-phenylether	16.272	248	618884	41.378	ng	98
68) Hexachlorobenzene	16.395	284	717606	41.347	ng	99
69) Atrazine	16.554	200	625107	39.679	ng	99
70) Pentachlorophenol	16.742	266	483633	39.836	ng	99
71) Phenanthrene	17.148	178	3102947	40.786	ng	100
72) Anthracene	17.230	178	3093926	39.871	ng	100
73) Carbazole	17.513	167	2901269	39.365	ng	100
74) Di-n-butylphthalate	18.119	149	3579365	40.966	ng	99
75) Fluoranthene	19.236	202	3707799	40.112	ng	99
77) Benzidine	19.430	184	1758500	36.460	ng	100
78) Pyrene	19.613	202	3915294	39.292	ng	100
80) Butylbenzylphthalate	20.577	149	1692248	38.562	ng	99
81) Benzo(a)anthracene	21.524	228	4065927	38.955	ng	100
82) 3,3'-Dichlorobenzidine	21.442	252	1405839	37.038	ng	99
83) Chrysene	21.589	228	3879974	39.444	ng	99
84) Bis(2-ethylhexyl)phtha...	21.483	149	2644895	39.815	ng	100
85) Di-n-octyl phthalate	22.754	149	4477261	38.545	ng	100
87) Indeno(1,2,3-cd)pyrene	28.565	276	5240782m	40.690	ng	
88) Benzo(b)fluoranthene	23.801	252	4174278	39.912	ng	99
89) Benzo(k)fluoranthene	23.865	252	4328254	41.434	ng	99
90) Benzo(a)pyrene	24.677	252	4013897	40.517	ng	98
91) Dibenzo(a,h)anthracene	28.671	278	4291973	40.708	ng	99
92) Benzo(g,h,i)perylene	29.730	276	4299859	41.031	ng	99

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

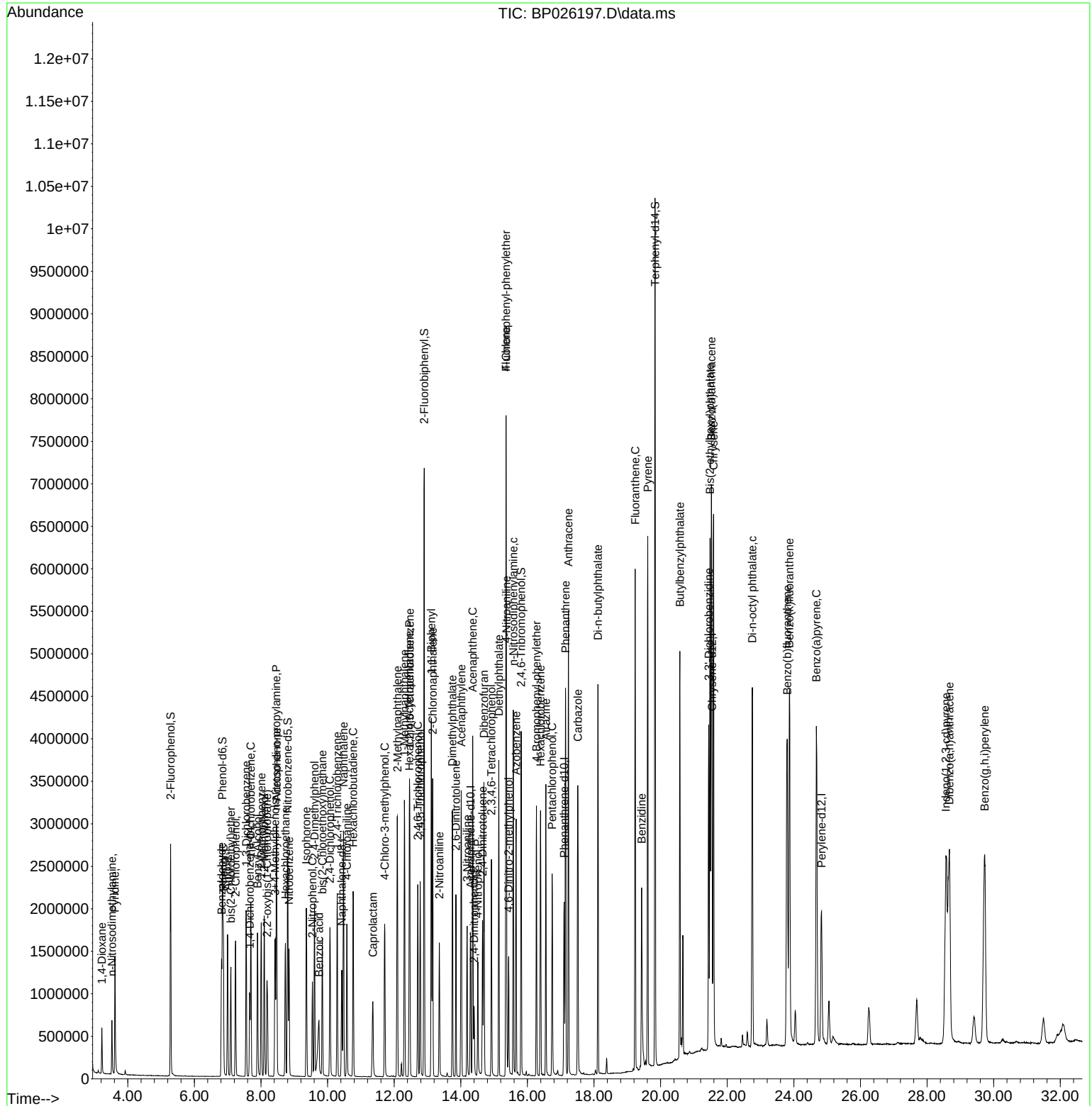

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Data File : BP026197.D  
Acq On    : 01 Dec 2025  14:09  
Operator  : RC/JU  
Sample    : SSTDCCC040  
Misc      :  
ALS Vial  : 2    Sample Multiplier: 1
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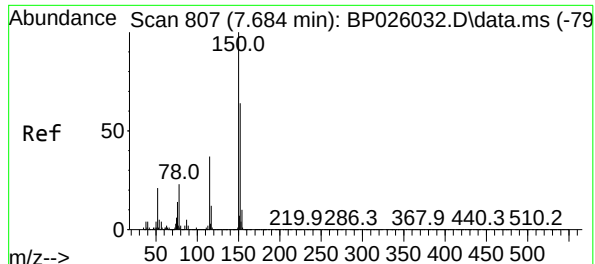
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

Quant Time: Dec 01 14:29:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Qlast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration





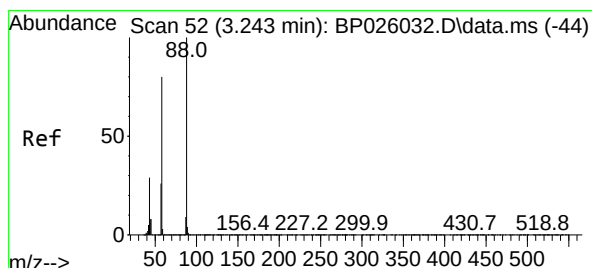
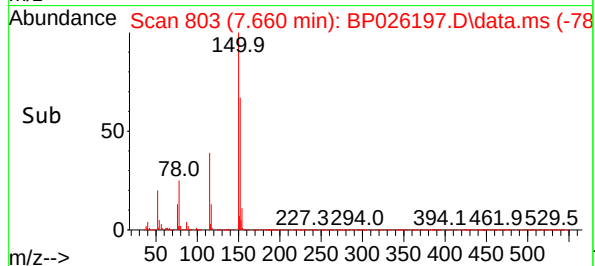
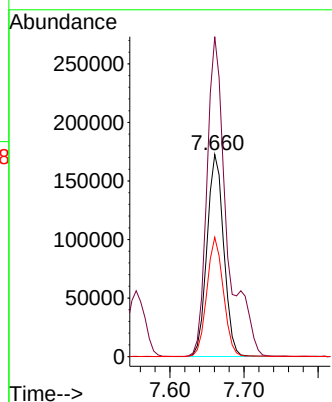
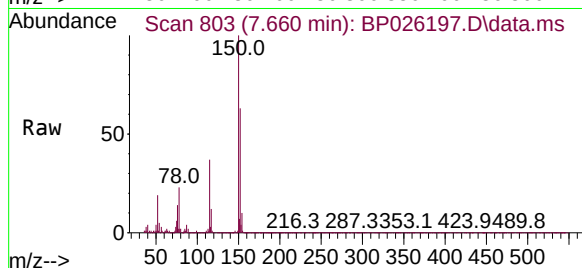
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.660 min Scan# 80
 Delta R.T. -0.012 min
 Lab File: BP026197.D
 Acq: 01 Dec 2025 14:09

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Tgt Ion:152 Resp: 271172
 Ion Ratio Lower Upper
 152 100
 150 158.3 123.0 184.6
 115 59.0 46.3 69.5

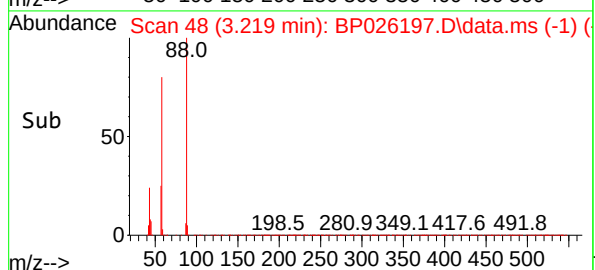
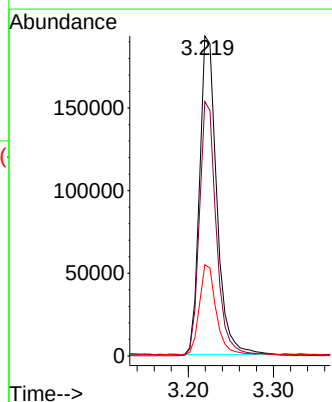
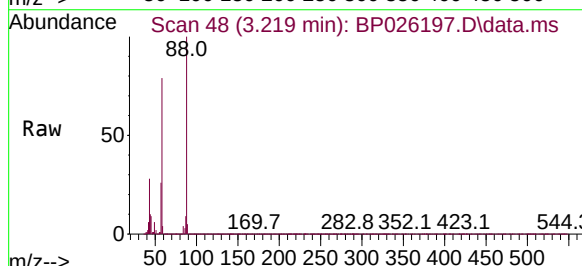
Manual Integrations
 APPROVED

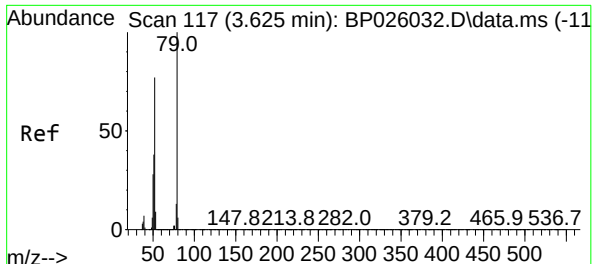
Reviewed By :Jagrut Upadhyay 12/02/2025
 Supervised By :mohammad ahmed 12/03/2025



#2
 1,4-Dioxane
 Concen: 39.307 ng
 RT: 3.219 min Scan# 48
 Delta R.T. -0.006 min
 Lab File: BP026197.D
 Acq: 01 Dec 2025 14:09

Tgt Ion: 88 Resp: 269352
 Ion Ratio Lower Upper
 88 100
 58 79.3 64.2 96.4
 43 27.9 21.5 32.3





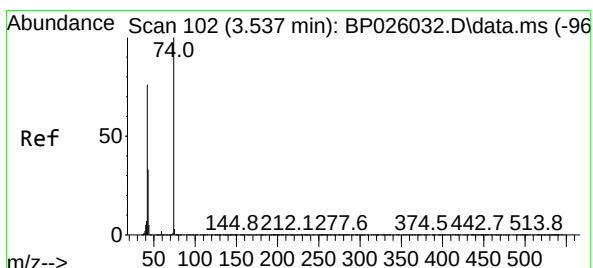
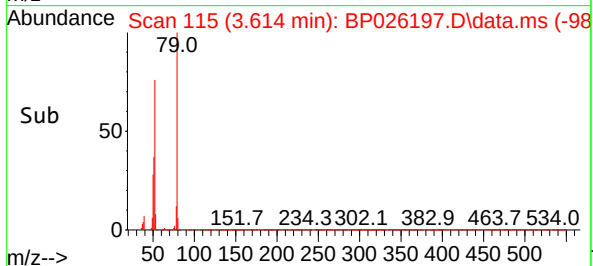
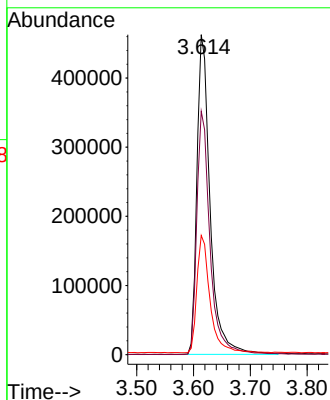
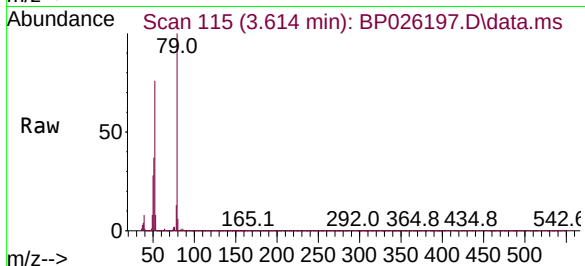
#3
Pyridine
Concen: 37.574 ng
RT: 3.614 min Scan# 117
Delta R.T. 0.000 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 744096
Ion Ratio Lower Upper
79 100
52 76.0 60.2 90.2
51 37.2 29.5 44.3

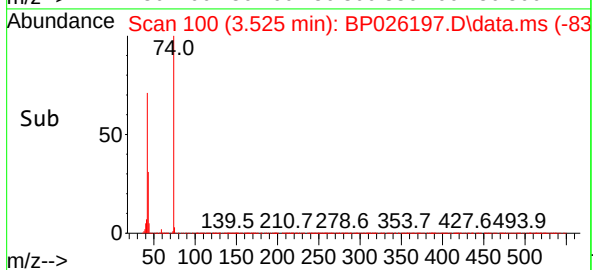
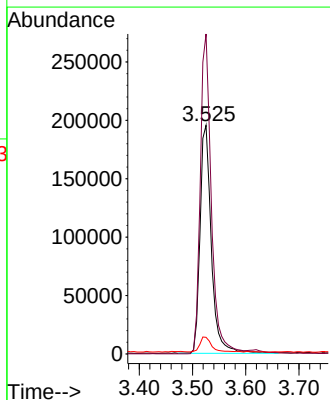
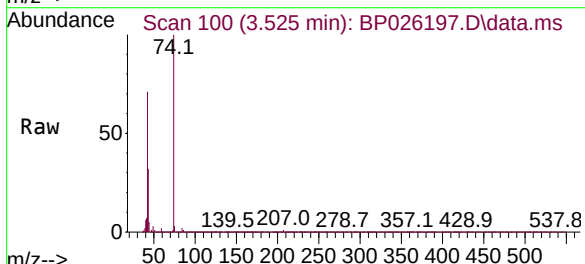
Manual Integrations
APPROVED

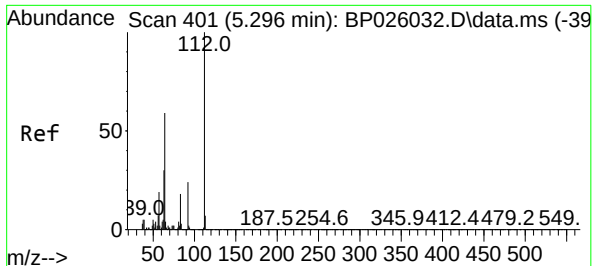
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#4
n-Nitrosodimethylamine
Concen: 38.927 ng
RT: 3.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion: 42 Resp: 288111
Ion Ratio Lower Upper
42 100
74 140.0 118.1 177.1
44 7.3 6.2 9.4





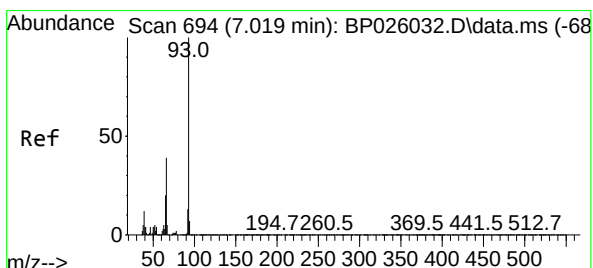
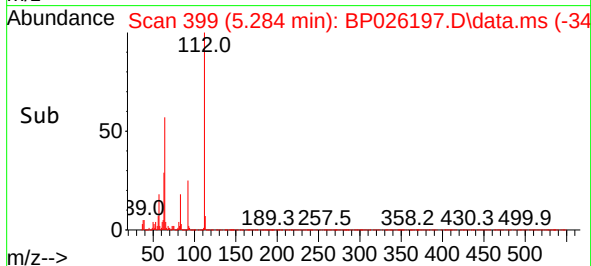
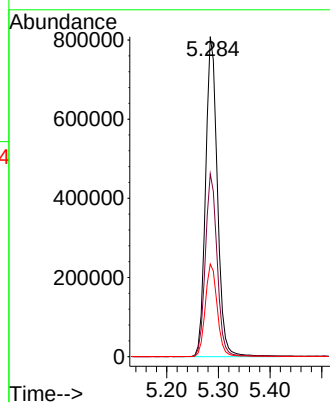
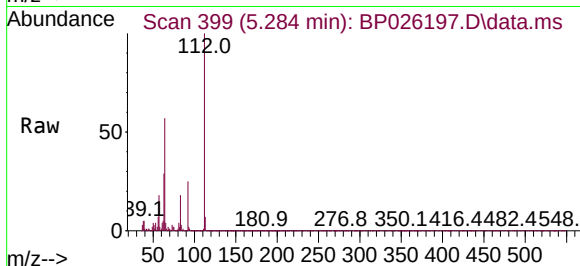
#5
2-Fluorophenol
Concen: 75.953 ng
RT: 5.284 min Scan# 399
Delta R.T. -0.006 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 112 Resp: 1283197
Ion Ratio Lower Upper
112 100
64 57.1 45.8 68.6
63 29.0 23.5 35.3

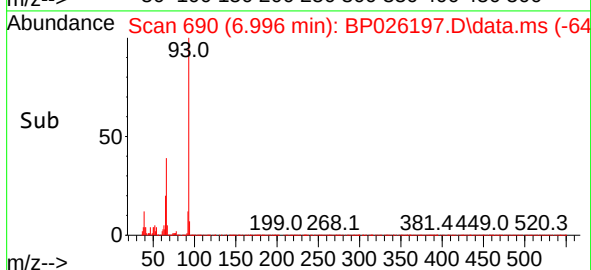
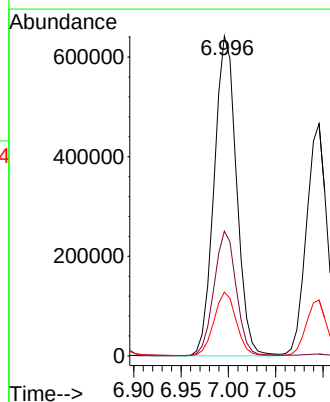
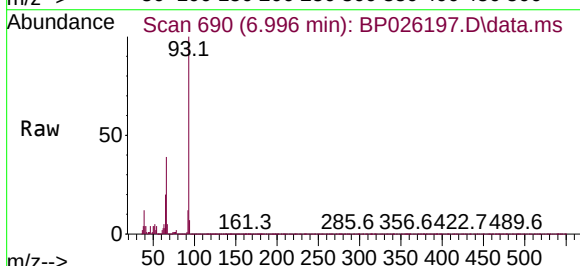
Manual Integrations
APPROVED

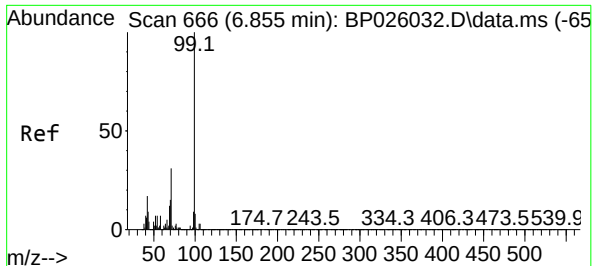
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#6
Aniline
Concen: 37.122 ng
RT: 6.996 min Scan# 690
Delta R.T. -0.006 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

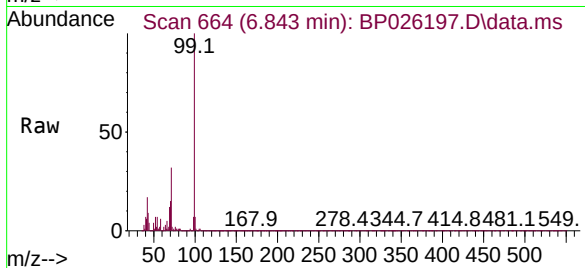
Tgt Ion: 93 Resp: 1054187
Ion Ratio Lower Upper
93 100
66 39.0 31.7 47.5
65 20.0 15.8 23.6





#7
Phenol-d6
Concen: 75.446 ng
RT: 6.843 min Scan# 60
Delta R.T. -0.012 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

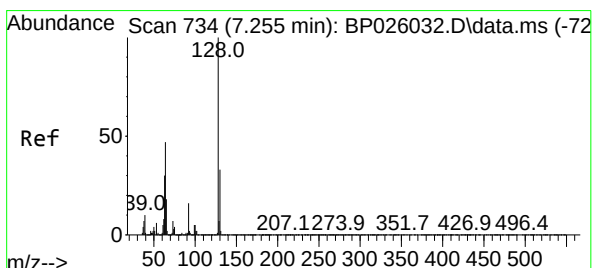
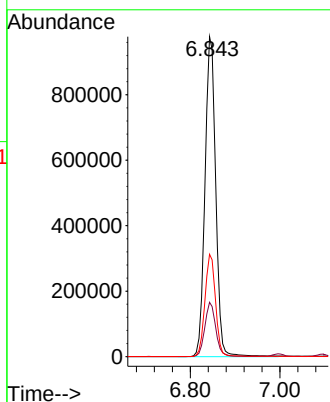
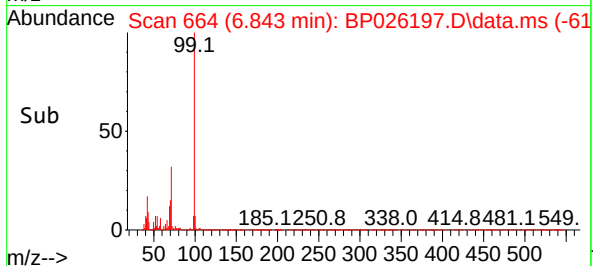
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



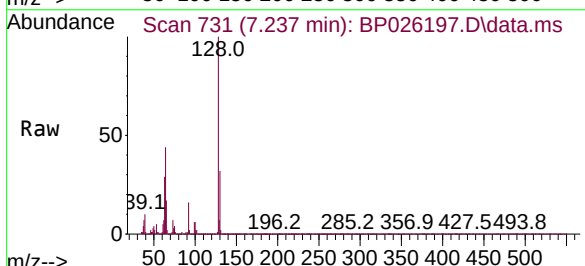
Tgt Ion: 99 Resp: 1622703
Ion Ratio Lower Upper
99 100
42 17.0 12.9 19.3
71 32.0 24.8 37.2

Manual Integrations
APPROVED

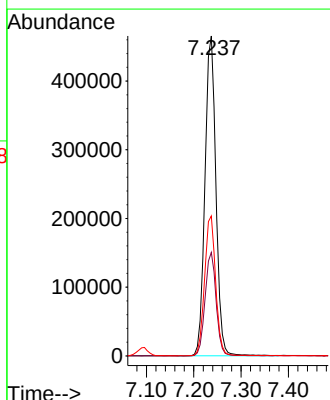
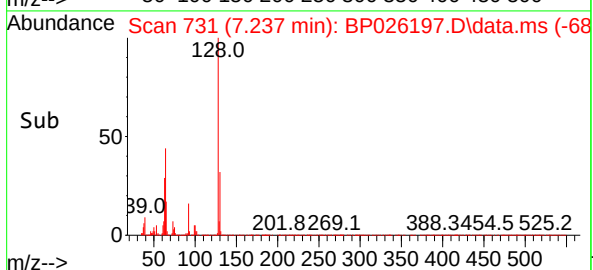
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

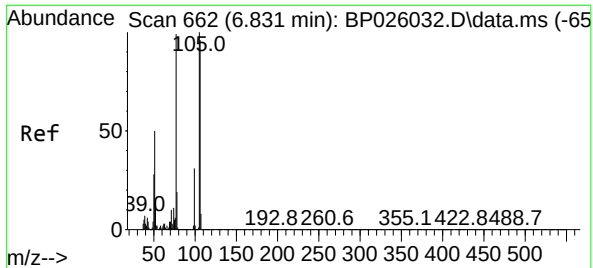


#8
2-Chlorophenol
Concen: 38.956 ng
RT: 7.237 min Scan# 731
Delta R.T. -0.006 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09



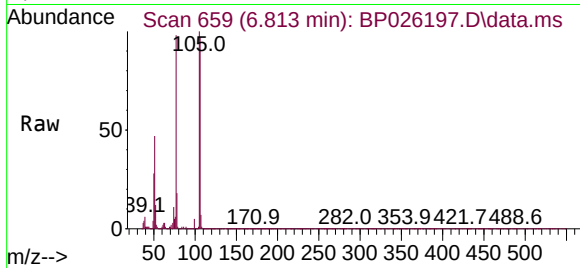
Tgt Ion:128 Resp: 749138
Ion Ratio Lower Upper
128 100
130 32.3 12.4 52.4
64 43.7 23.9 63.9





#9
Benzaldehyde
Concen: 40.603 ng
RT: 6.813 min Scan# 662
Delta R.T. -0.006 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

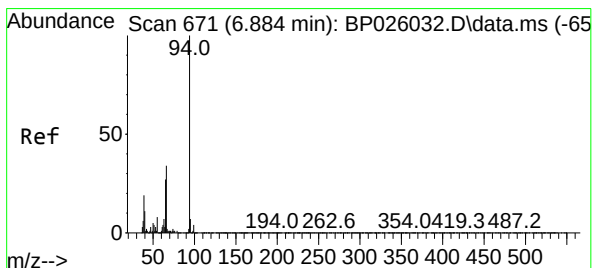
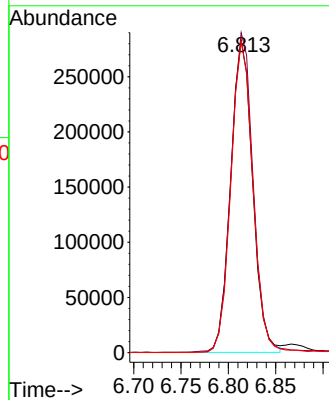
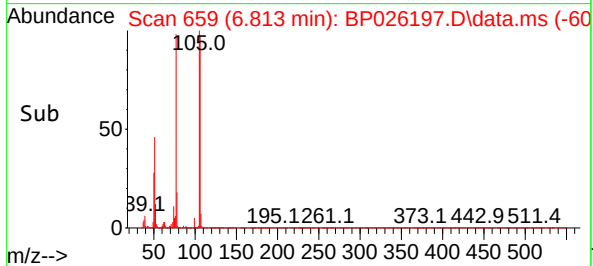
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 77 Resp: 457638
Ion Ratio Lower Upper
77 100
105 102.5 82.9 122.9
106 99.7 77.8 117.8

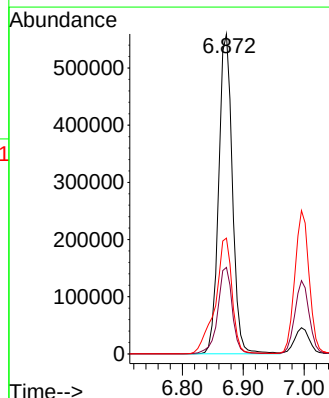
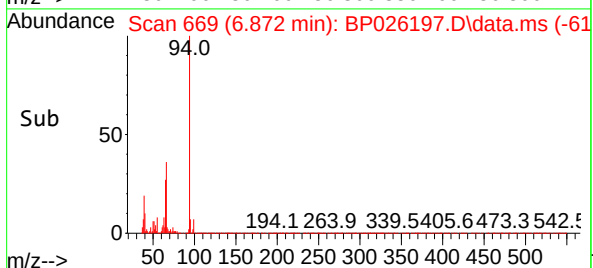
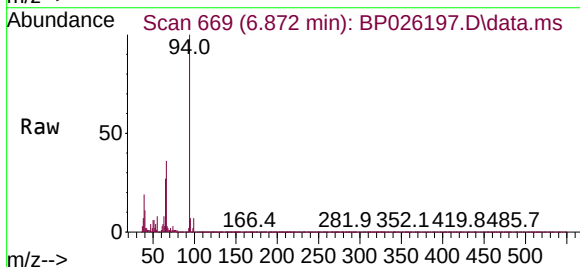
Manual Integrations
APPROVED

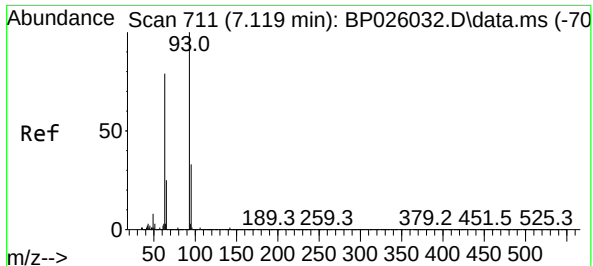
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#10
Phenol
Concen: 37.721 ng
RT: 6.872 min Scan# 669
Delta R.T. -0.006 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion: 94 Resp: 873995
Ion Ratio Lower Upper
94 100
65 27.0 7.0 47.0
66 36.2 14.5 54.5





#11

bis(2-Chloroethyl)ether

Concen: 39.229 ng

RT: 7.096 min Scan# 70

Delta R.T. 0.000 min

Lab File: BP026197.D

Acq: 01 Dec 2025 14:09

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion: 93 Resp: 711680

Ion Ratio Lower Upper

93 100

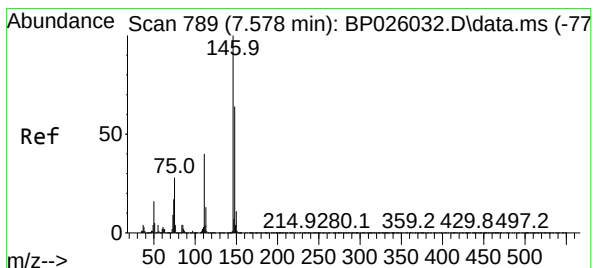
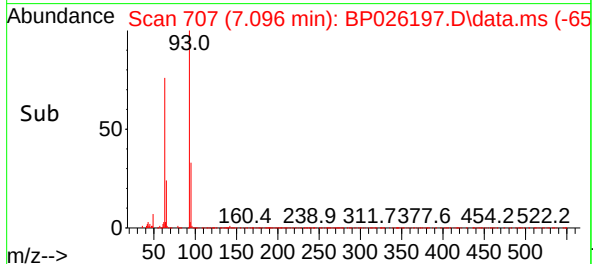
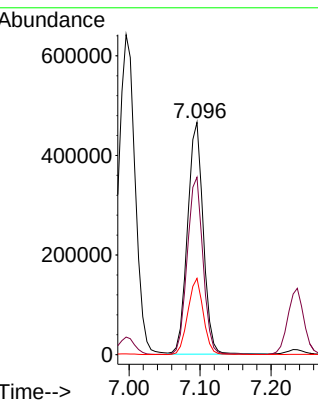
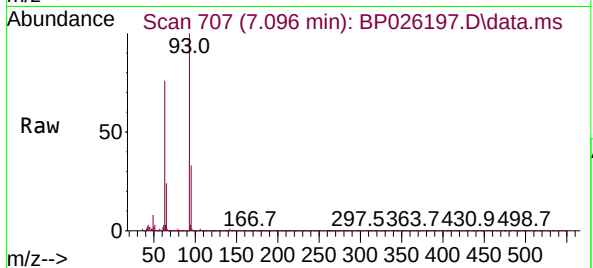
63 76.4 58.8 98.8

95 32.8 12.1 52.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
 Supervised By :mohammad ahmed 12/03/2025



#12

1,3-Dichlorobenzene

Concen: 40.046 ng

RT: 7.555 min Scan# 785

Delta R.T. -0.012 min

Lab File: BP026197.D

Acq: 01 Dec 2025 14:09

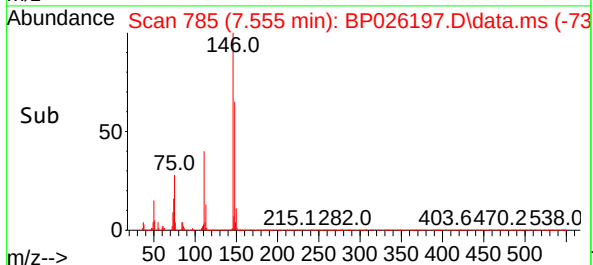
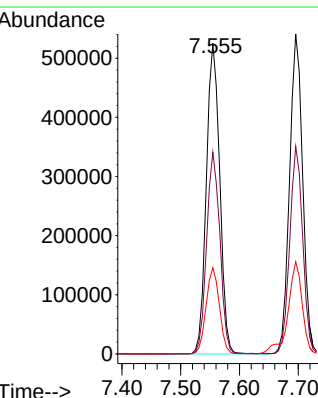
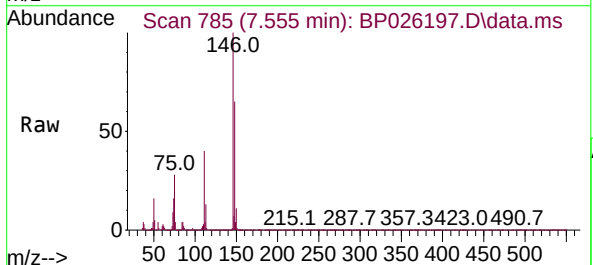
Tgt Ion:146 Resp: 829672

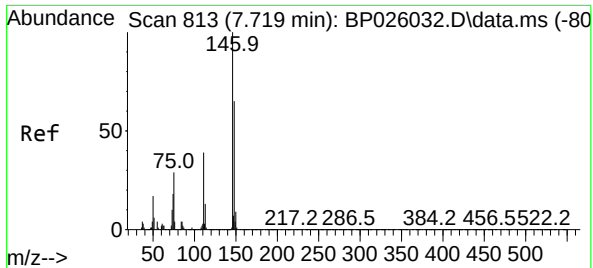
Ion Ratio Lower Upper

146 100

148 65.0 51.8 77.8

75 27.8 22.2 33.2





#13

1,4-Dichlorobenzene

Concen: 39.932 ng

RT: 7.696 min Scan# 80

Delta R.T. -0.006 min

Lab File: BP026197.D

Acq: 01 Dec 2025 14:09

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 833634

Ion Ratio Lower Upper

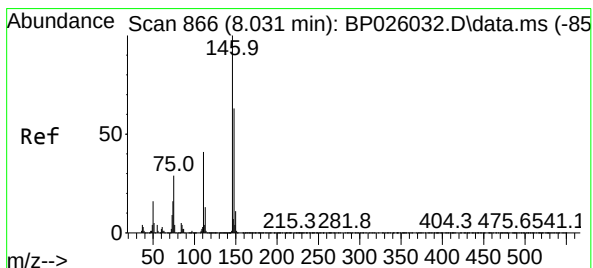
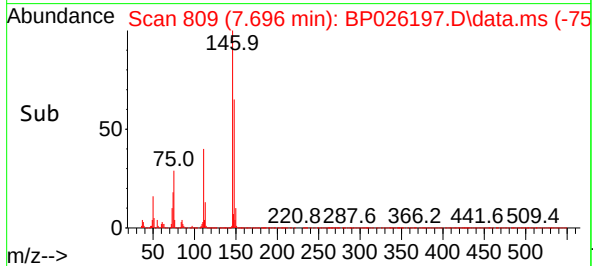
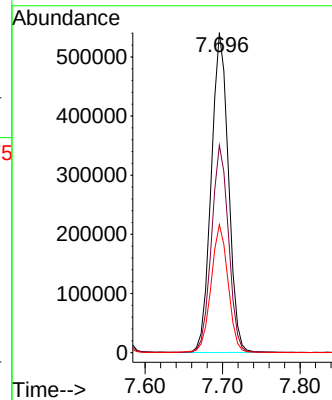
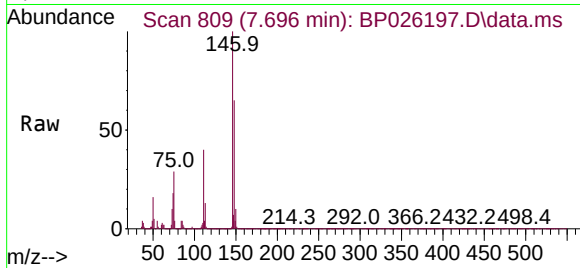
146 100

148 64.8 51.4 77.2

111 40.0 31.7 47.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

#14

1,2-Dichlorobenzene

Concen: 39.835 ng

RT: 8.007 min Scan# 862

Delta R.T. -0.006 min

Lab File: BP026197.D

Acq: 01 Dec 2025 14:09

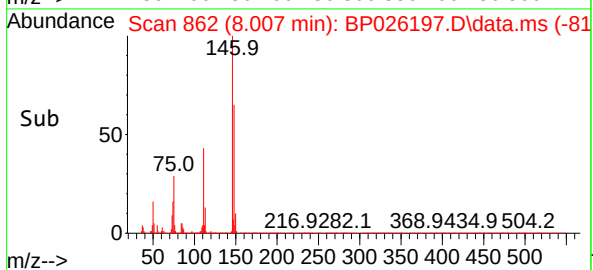
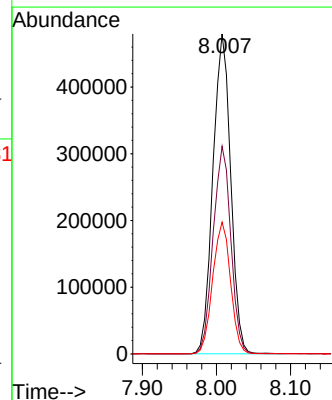
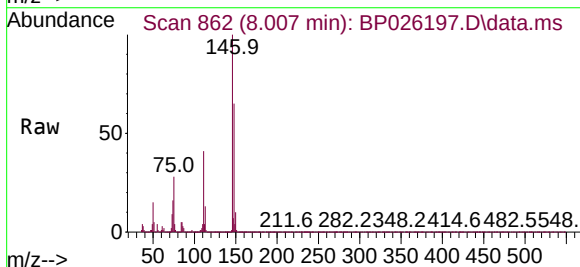
Tgt Ion:146 Resp: 798558

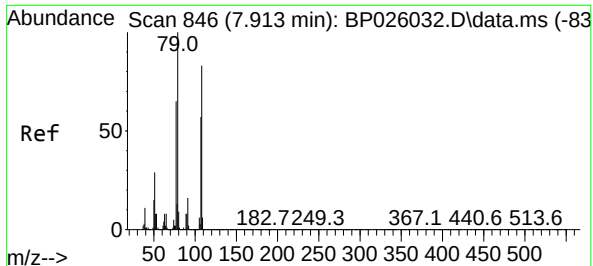
Ion Ratio Lower Upper

146 100

148 64.9 51.0 76.6

111 41.2 33.0 49.4





#15

Benzyl Alcohol

Concen: 37.411 ng

RT: 7.896 min Scan# 84

Delta R.T. -0.012 min

Lab File: BP026197.D

Acq: 01 Dec 2025 14:09

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 589490

Ion Ratio Lower Upper

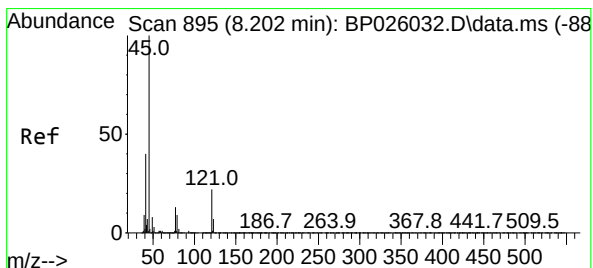
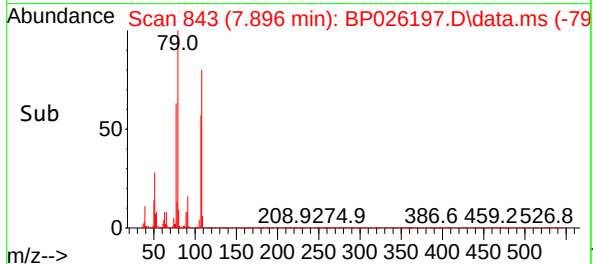
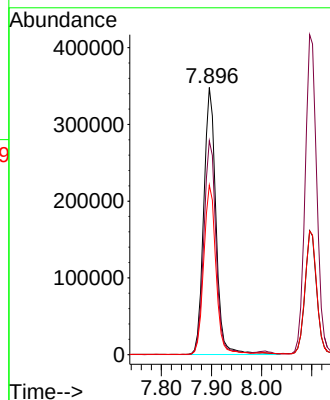
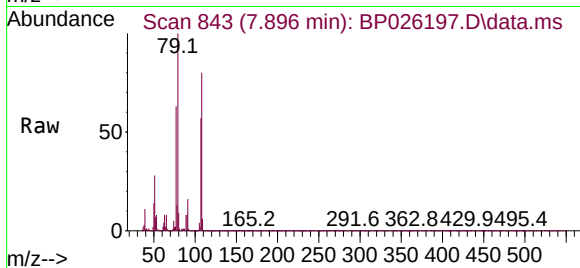
79 100

108 80.0 66.2 99.4

77 63.4 50.0 75.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.007 ng

RT: 8.178 min Scan# 891

Delta R.T. -0.018 min

Lab File: BP026197.D

Acq: 01 Dec 2025 14:09

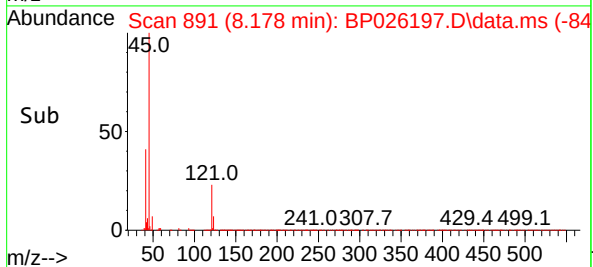
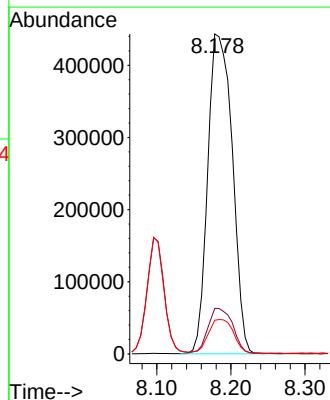
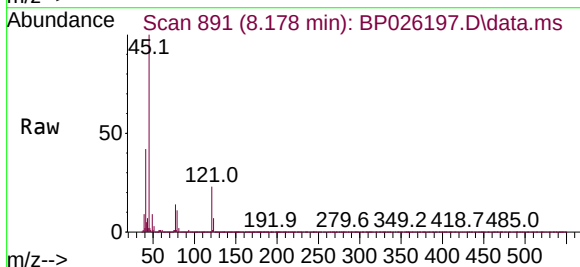
Tgt Ion: 45 Resp: 1019307

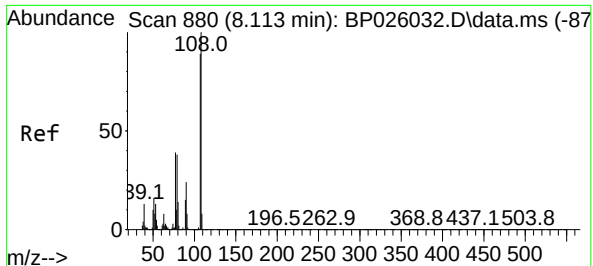
Ion Ratio Lower Upper

45 100

77 14.2 0.0 33.9

79 10.5 0.0 30.4





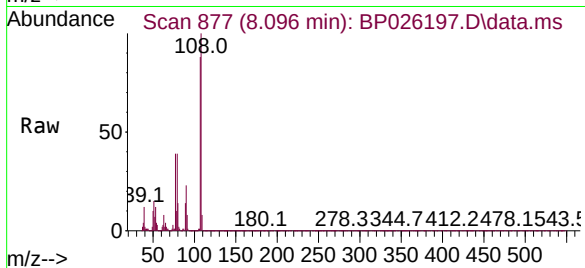
#17
2-Methylphenol
Concen: 38.169 ng
RT: 8.096 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

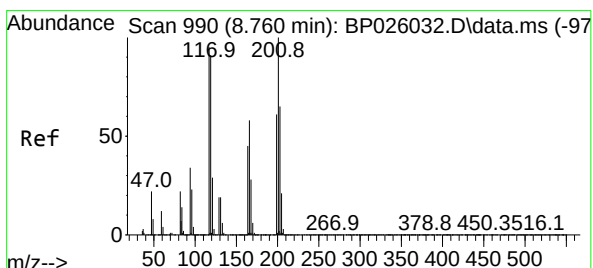
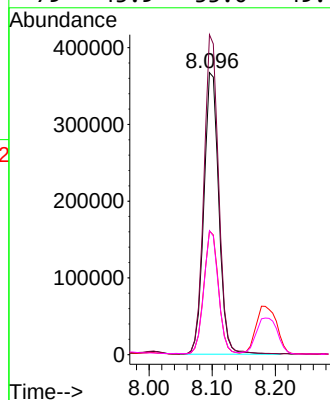
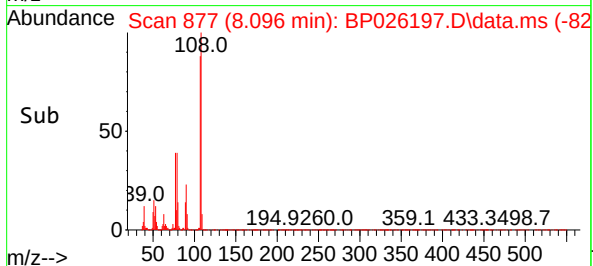


Tgt Ion:107 Resp: 602032
Ion Ratio Lower Upper
107 100
108 113.5 89.7 134.5
77 43.8 33.9 50.9
79 43.9 33.0 49.4

Manual Integrations

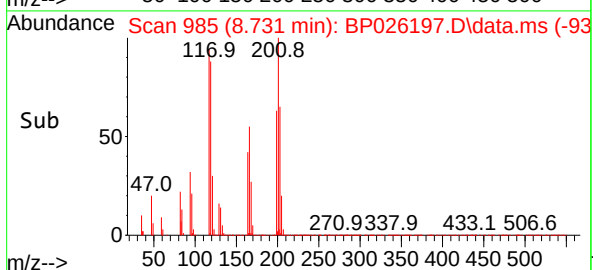
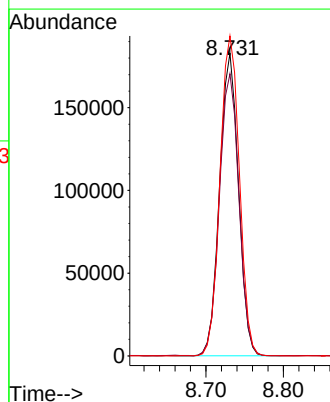
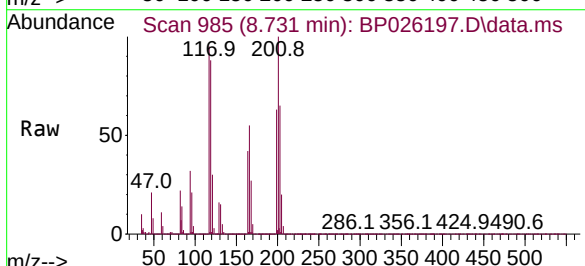
APPROVED

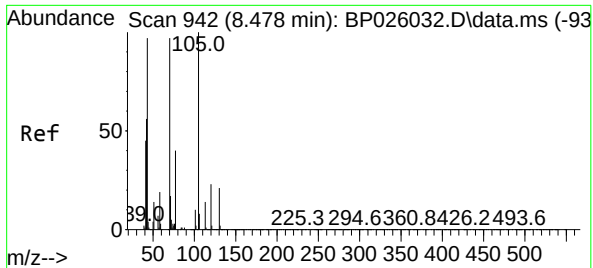
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#18
Hexachloroethane
Concen: 40.893 ng
RT: 8.731 min Scan# 985
Delta R.T. -0.012 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:117 Resp: 310623
Ion Ratio Lower Upper
117 100
119 93.2 78.7 118.1
201 105.7 85.1 127.7





#19

n-Nitroso-di-n-propylamine

Concen: 38.692 ng

RT: 8.460 min Scan# 931

Delta R.T. -0.012 min

Lab File: BP026197.D

Acq: 01 Dec 2025 14:09

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 516988

Ion Ratio Lower Upper

70 100

42 56.6 44.1 66.1

101 10.5 8.2 12.4

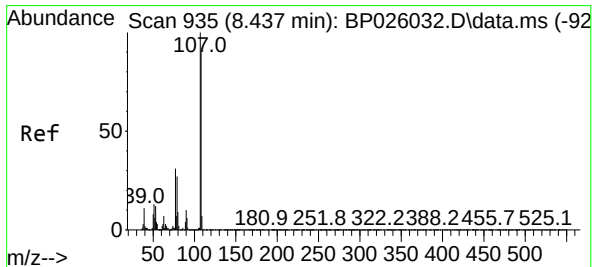
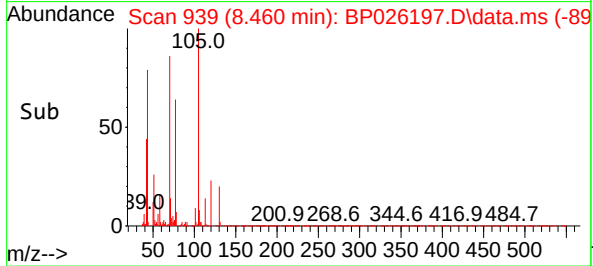
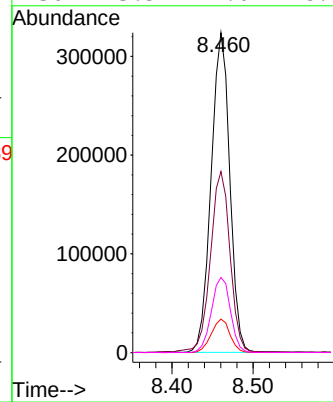
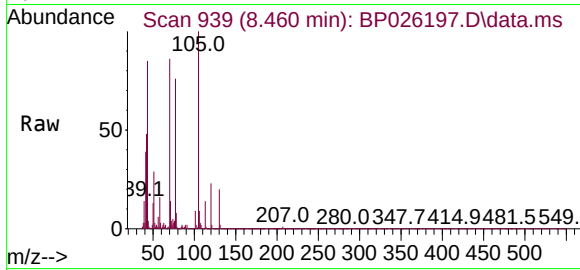
130 23.5 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025

Supervised By :mohammad ahmed 12/03/2025



#20

3+4-Methylphenols

Concen: 37.100 ng

RT: 8.419 min Scan# 932

Delta R.T. -0.018 min

Lab File: BP026197.D

Acq: 01 Dec 2025 14:09

Tgt Ion:107 Resp: 810873

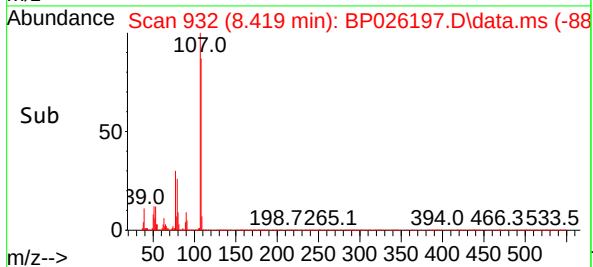
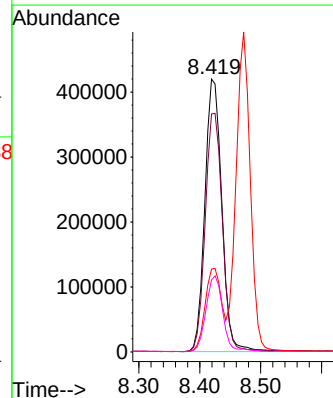
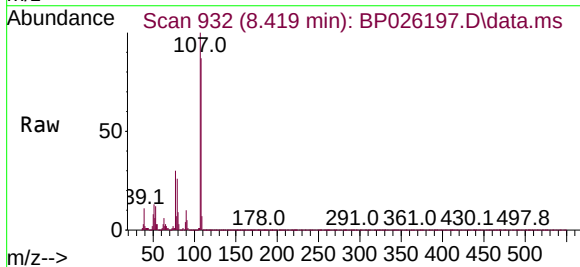
Ion Ratio Lower Upper

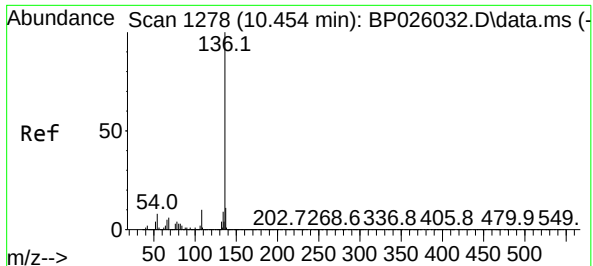
107 100

108 87.2 68.9 108.9

77 30.4 10.4 50.4

79 26.3 6.8 46.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.425 min Scan# 11

Delta R.T. -0.023 min

Lab File: BP026197.D

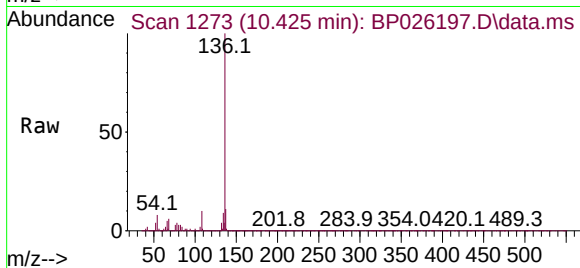
Acq: 01 Dec 2025 14:09

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040



Tgt Ion:136 Resp: 1093509

Ion Ratio Lower Upper

136 100

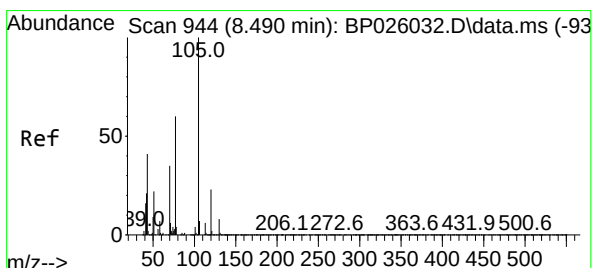
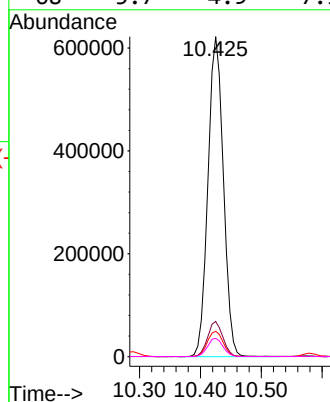
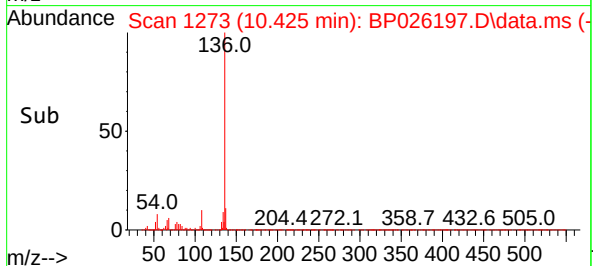
137 11.0 8.7 13.1

54 7.9 6.4 9.6

68 5.7 4.9 7.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

#22

Acetophenone

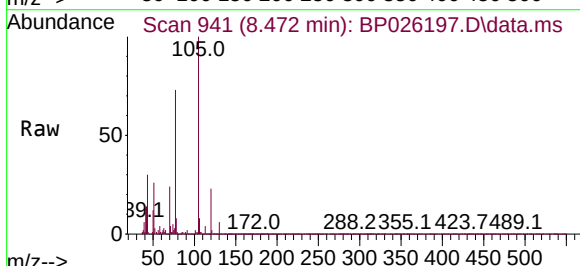
Concen: 39.353 ng

RT: 8.472 min Scan# 941

Delta R.T. -0.012 min

Lab File: BP026197.D

Acq: 01 Dec 2025 14:09



Tgt Ion:105 Resp: 1093793

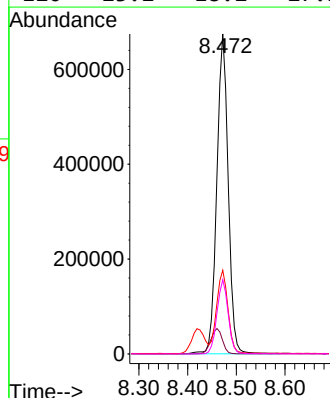
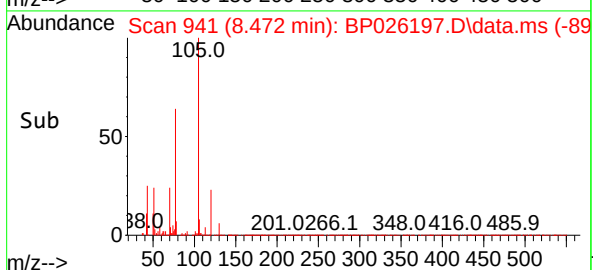
Ion Ratio Lower Upper

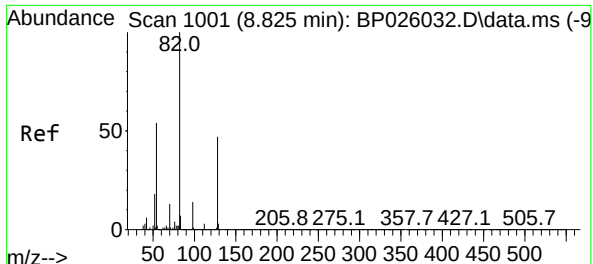
105 100

71 4.1 3.0 4.4

51 26.1 20.5 30.7

120 23.2 18.2 27.2





#23

Nitrobenzene-d5

Concen: 80.010 ng

RT: 8.802 min Scan# 99

Delta R.T. -0.012 min

Lab File: BP026197.D

Acq: 01 Dec 2025 14:09

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1540283

Ion Ratio Lower Upper

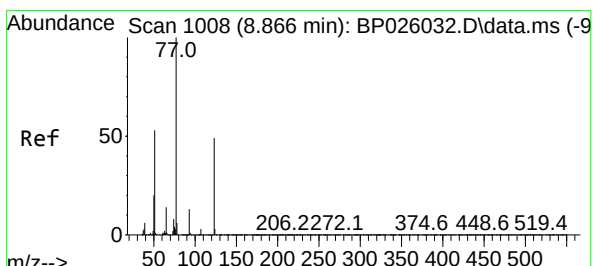
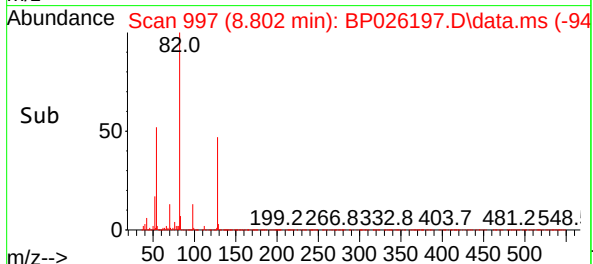
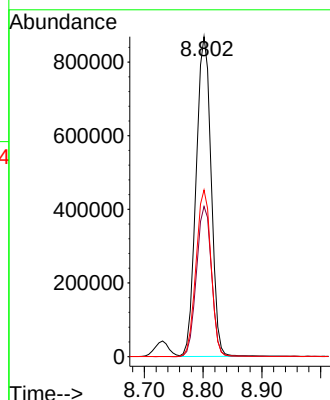
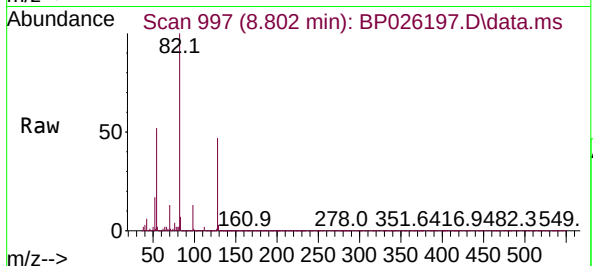
82 100

128 46.9 37.4 56.0

54 52.1 41.6 62.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

#24

Nitrobenzene

Concen: 39.935 ng

RT: 8.843 min Scan# 1004

Delta R.T. -0.012 min

Lab File: BP026197.D

Acq: 01 Dec 2025 14:09

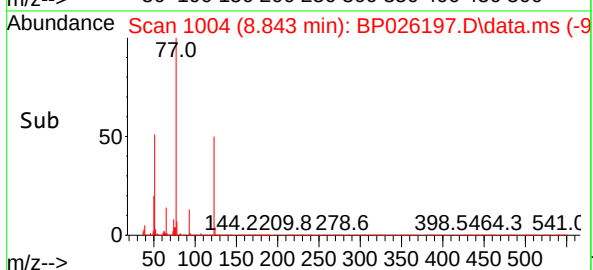
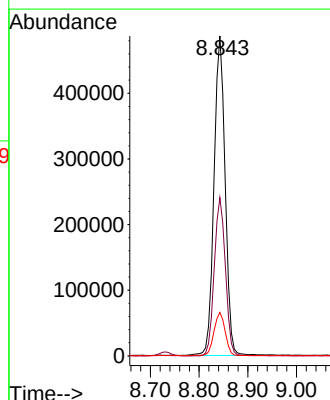
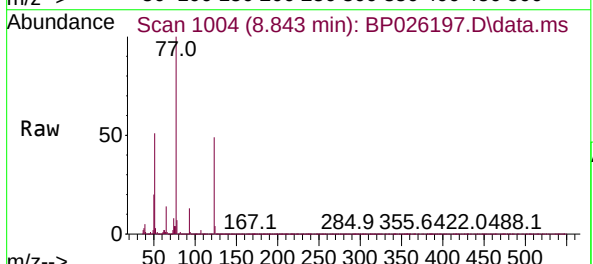
Tgt Ion: 77 Resp: 777675

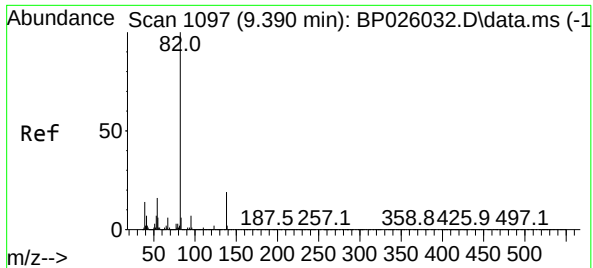
Ion Ratio Lower Upper

77 100

123 49.5 39.8 59.8

65 13.6 11.2 16.8





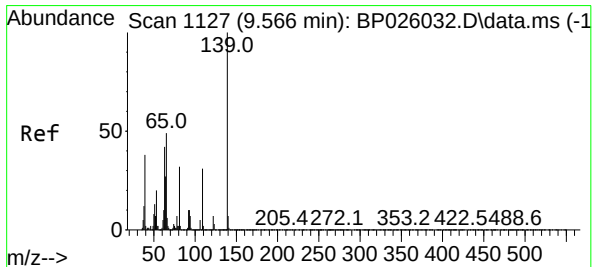
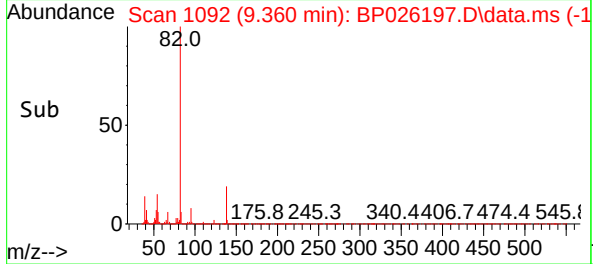
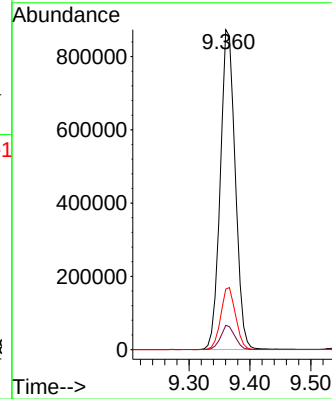
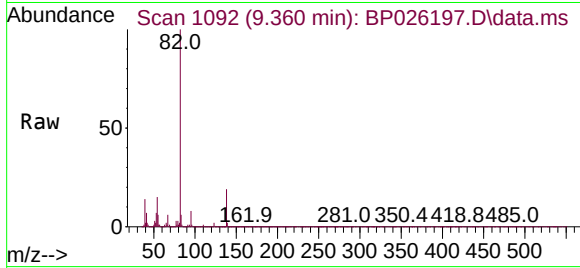
#25
Isophorone
Concen: 39.144 ng
RT: 9.360 min Scan# 1097
Delta R.T. -0.023 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 1493934
Ion Ratio Lower Upper
82 100
95 7.6 5.4 8.0
138 18.9 15.4 23.0

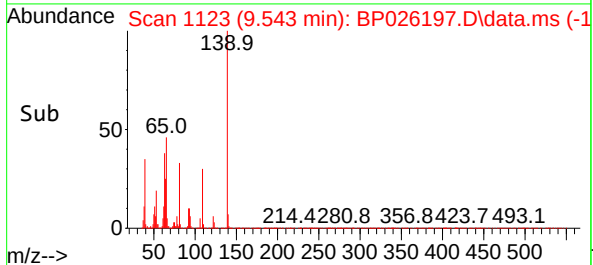
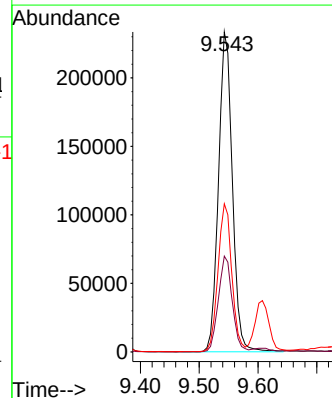
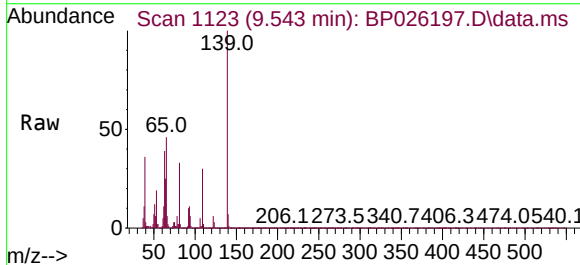
Manual Integrations
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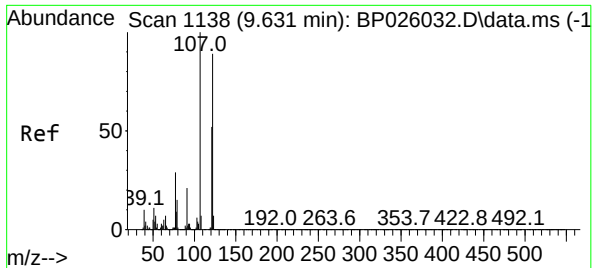
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#26
2-Nitrophenol
Concen: 38.860 ng
RT: 9.543 min Scan# 1123
Delta R.T. -0.018 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

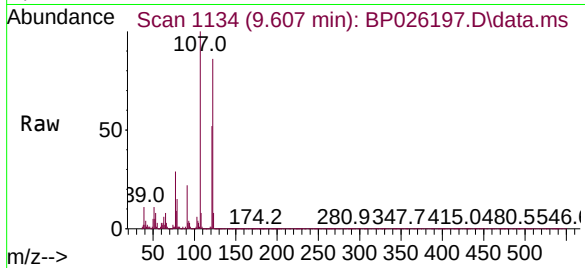
Tgt Ion:139 Resp: 382911
Ion Ratio Lower Upper
139 100
109 29.9 22.3 33.5
65 46.3 37.2 55.8





#27
2,4-Dimethylphenol
Concen: 35.586 ng
RT: 9.607 min Scan# 1138
Delta R.T. -0.018 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

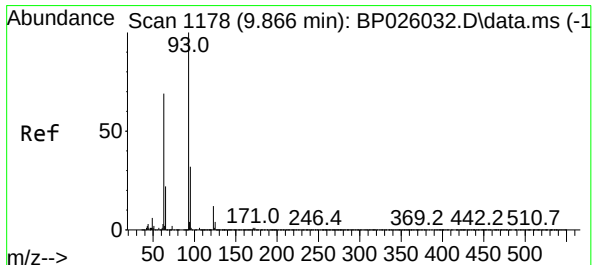
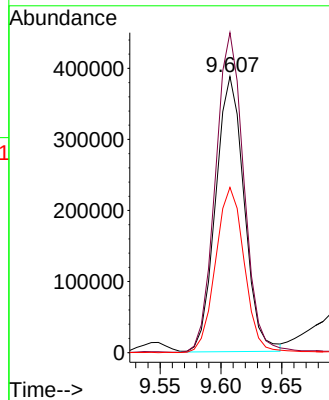
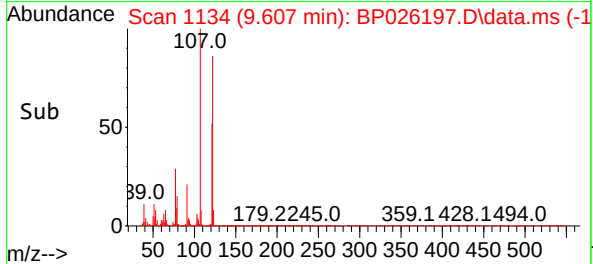
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:122 Resp: 632302
Ion Ratio Lower Upper
122 100
107 115.9 91.0 136.6
121 59.9 47.0 70.6

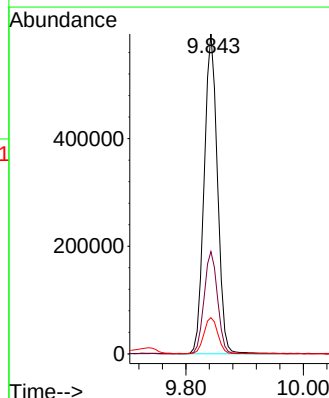
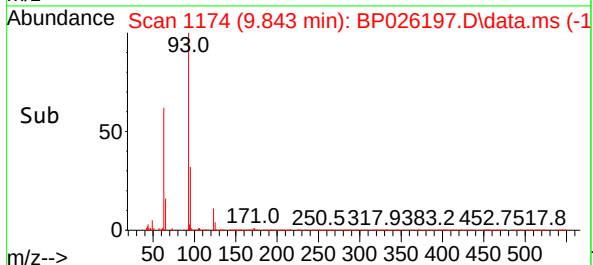
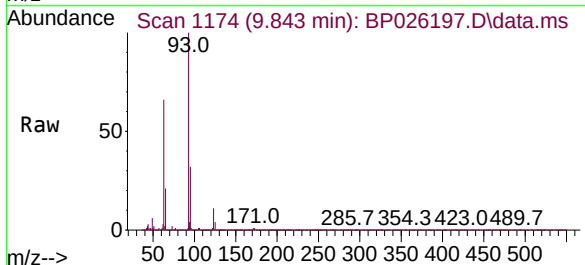
Manual Integrations
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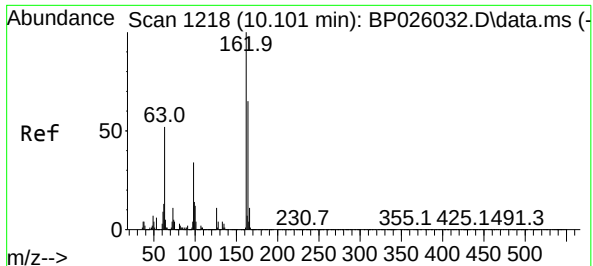
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#28
bis(2-Chloroethoxy)methane
Concen: 39.003 ng
RT: 9.843 min Scan# 1174
Delta R.T. -0.018 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion: 93 Resp: 932252
Ion Ratio Lower Upper
93 100
95 32.0 26.4 39.6
123 11.3 9.4 14.0





#29
2,4-Dichlorophenol
Concen: 39.761 ng
RT: 10.072 min Scan# 1218
Delta R.T. -0.023 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Instrument :

BNA_P

ClientSampleId :

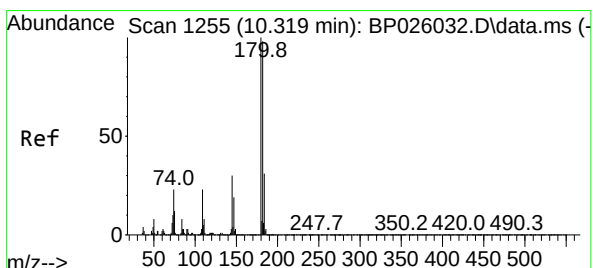
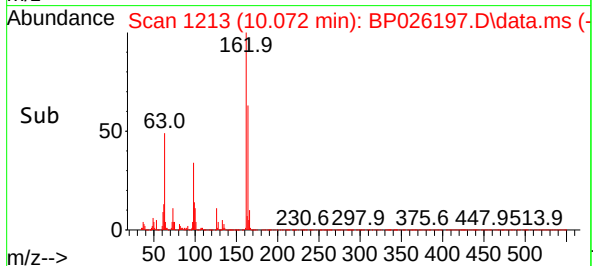
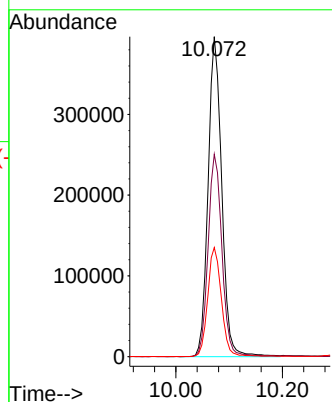
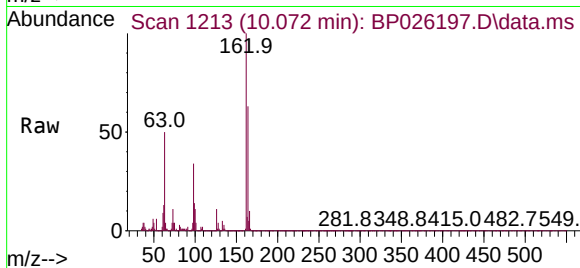
SSTDCCC040

Tgt Ion:162 Resp: 706107
Ion Ratio Lower Upper
162 100
164 63.2 43.8 83.8
98 34.1 14.1 54.1

Manual Integrations

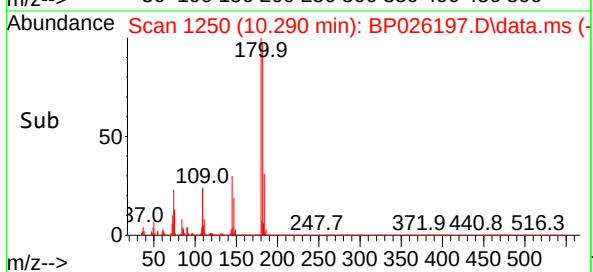
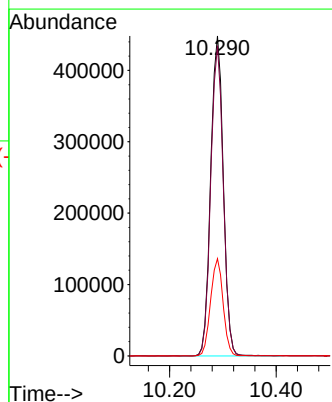
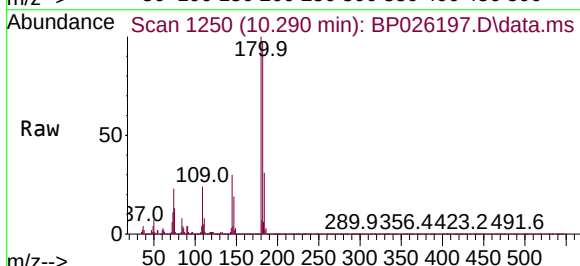
APPROVED

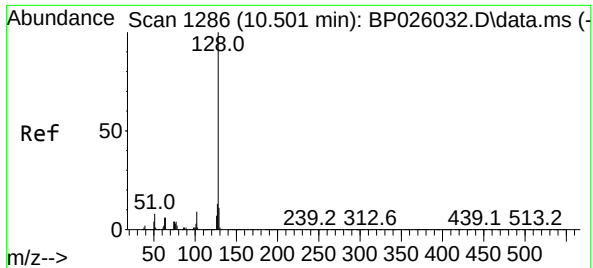
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#30
1,2,4-Trichlorobenzene
Concen: 40.785 ng
RT: 10.290 min Scan# 1250
Delta R.T. -0.018 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

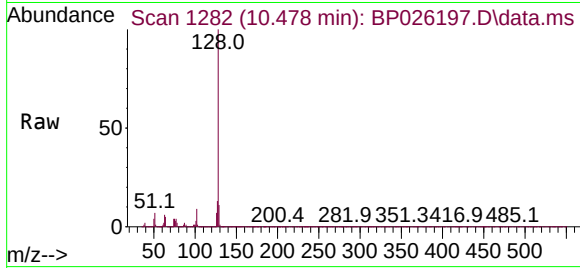
Tgt Ion:180 Resp: 737552
Ion Ratio Lower Upper
180 100
182 96.9 78.1 117.1
145 30.4 24.2 36.4





#31
Naphthalene
Concen: 39.984 ng
RT: 10.478 min Scan# 1286
Delta R.T. -0.018 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

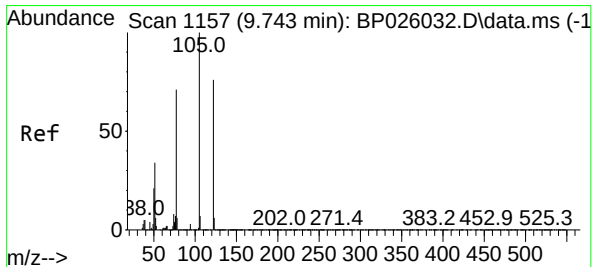
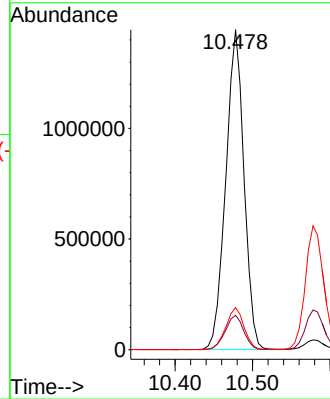
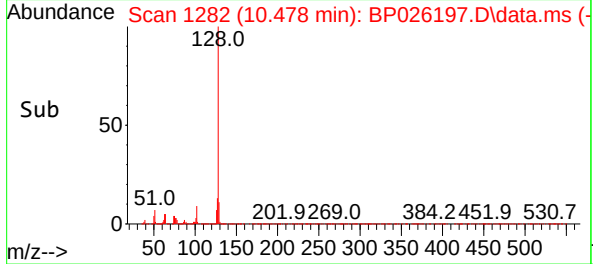
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:128 Resp: 2362964
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.6
127 13.1 10.2 15.4

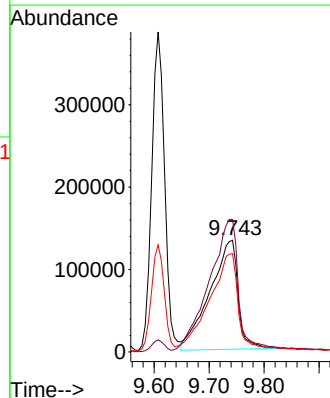
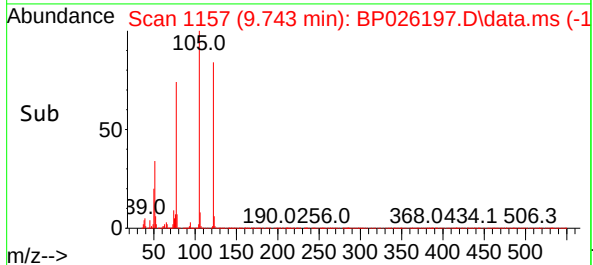
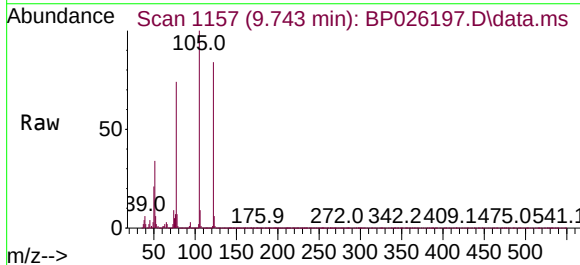
Manual Integrations
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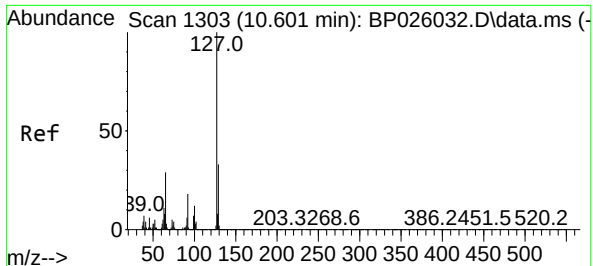
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#32
Benzoic acid
Concen: 31.513 ng
RT: 9.743 min Scan# 1157
Delta R.T. -0.023 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

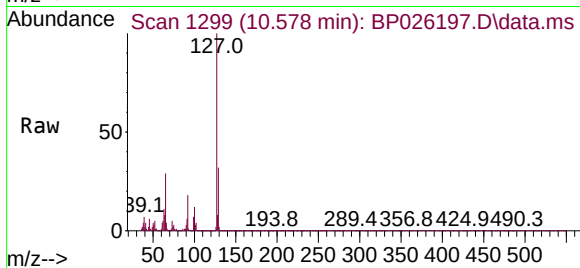
Tgt Ion:122 Resp: 471520
Ion Ratio Lower Upper
122 100
105 118.6 100.1 140.1
77 87.9 66.7 106.7





#33
4-Chloroaniline
Concen: 37.586 ng
RT: 10.578 min Scan# 1299
Delta R.T. -0.018 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

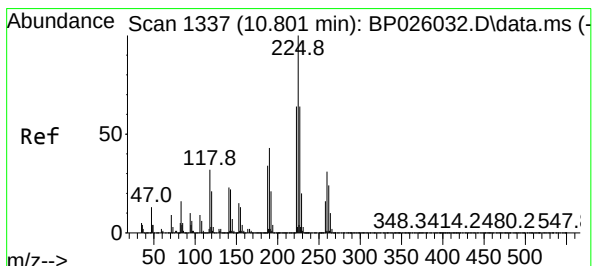
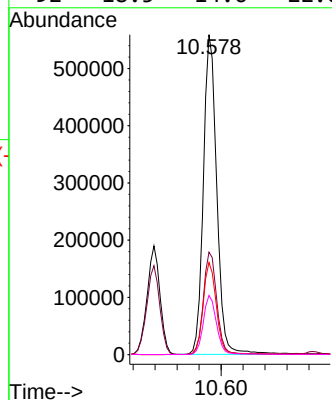
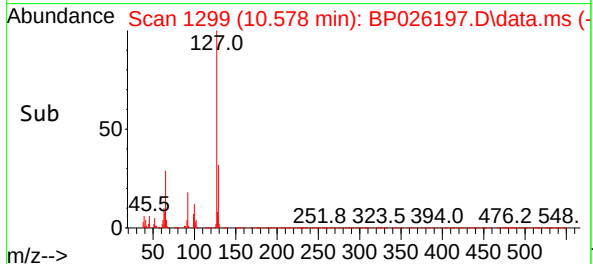
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



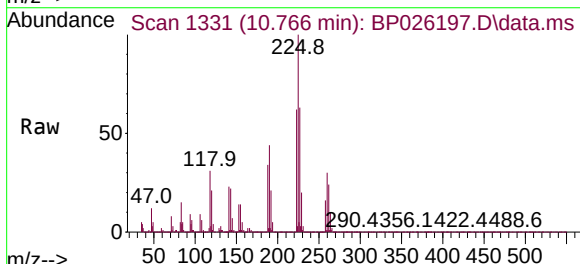
Tgt Ion:127 Resp: 944636
Ion Ratio Lower Upper
127 100
129 32.0 25.8 38.8
65 28.8 22.7 34.1
92 18.5 14.6 22.0

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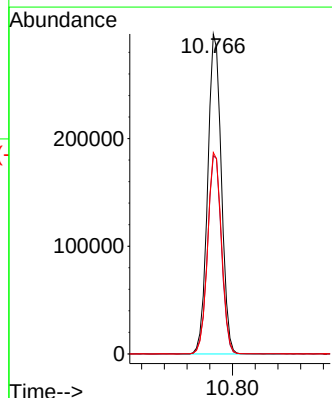
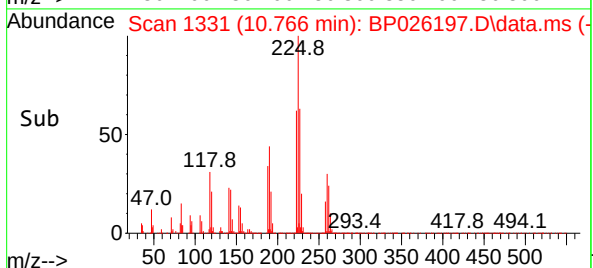
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

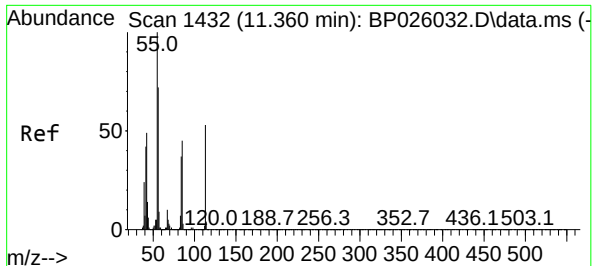


#34
Hexachlorobutadiene
Concen: 42.211 ng
RT: 10.766 min Scan# 1331
Delta R.T. -0.029 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09



Tgt Ion:225 Resp: 496455
Ion Ratio Lower Upper
225 100
223 62.0 49.6 74.4
227 62.9 51.2 76.8





#35

Caprolactam

Concen: 35.968 ng

RT: 11.360 min Scan# 1432

Delta R.T. -0.018 min

Lab File: BP026197.D

Acq: 01 Dec 2025 14:09

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:113 Resp: 228718

Ion Ratio Lower Upper

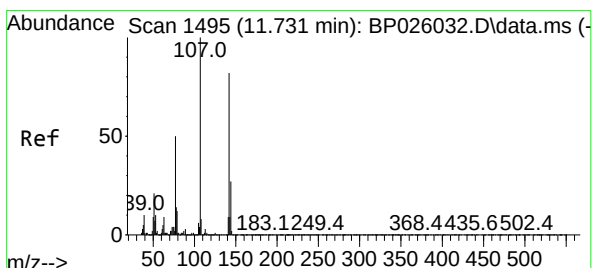
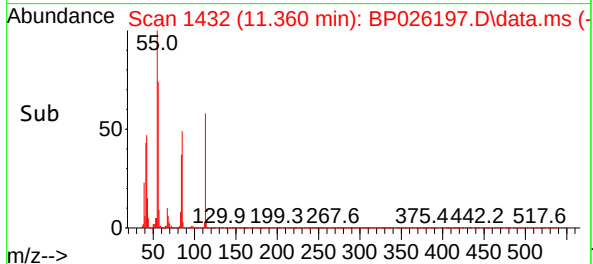
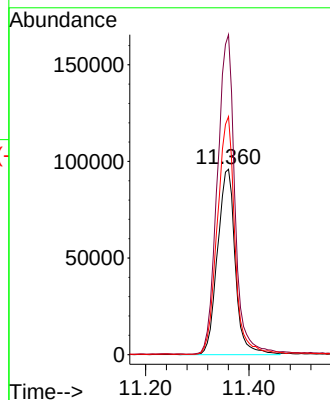
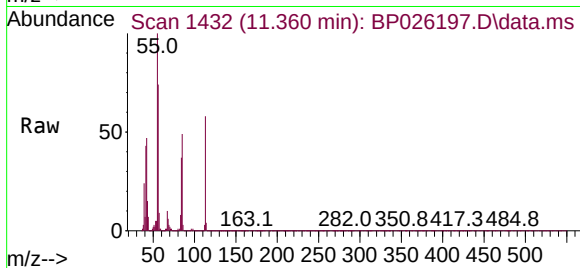
113 100

55 172.6 153.0 193.0

56 128.3 106.4 146.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

#36

4-Chloro-3-methylphenol

Concen: 38.646 ng

RT: 11.713 min Scan# 1492

Delta R.T. -0.018 min

Lab File: BP026197.D

Acq: 01 Dec 2025 14:09

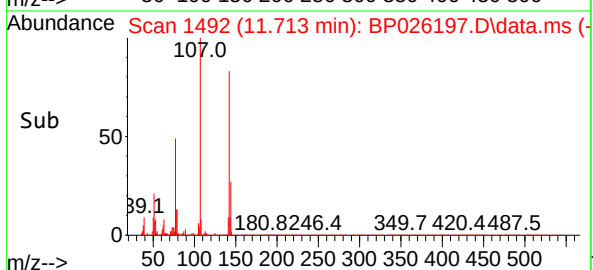
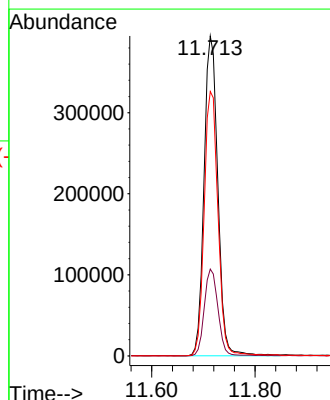
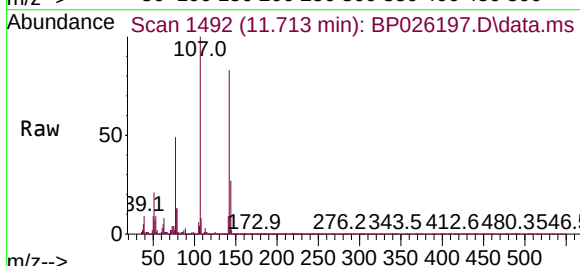
Tgt Ion:107 Resp: 729444

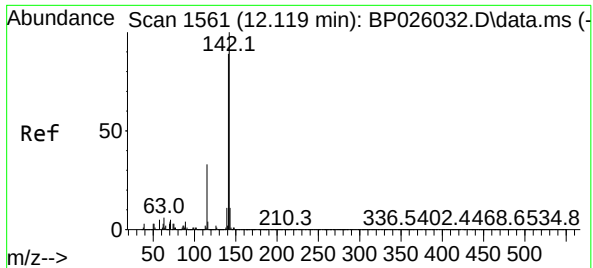
Ion Ratio Lower Upper

107 100

144 27.1 21.6 32.4

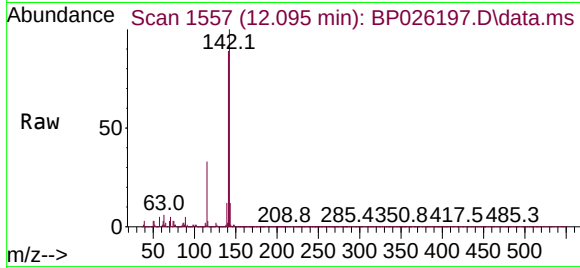
142 82.6 65.6 98.4





#37
2-Methylnaphthalene
Concen: 39.806 ng
RT: 12.095 min Scan# 1557
Delta R.T. -0.018 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

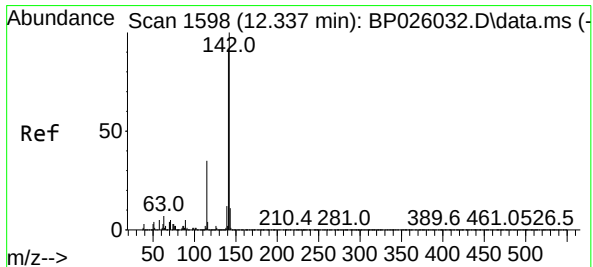
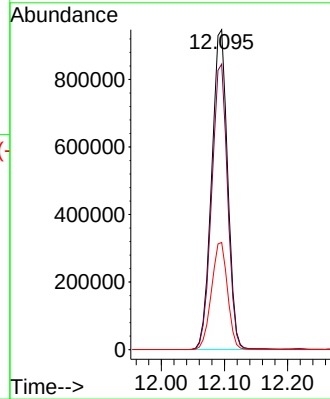
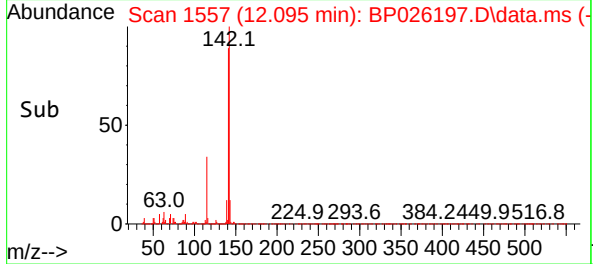
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:142 Resp: 1667759
Ion Ratio Lower Upper
142 100
141 89.2 71.0 106.6
115 33.5 26.6 39.8

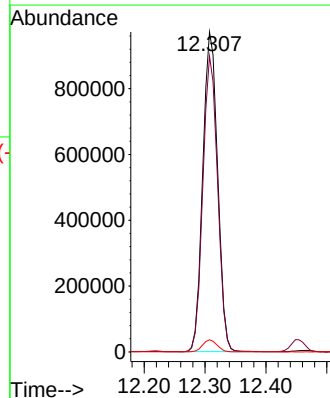
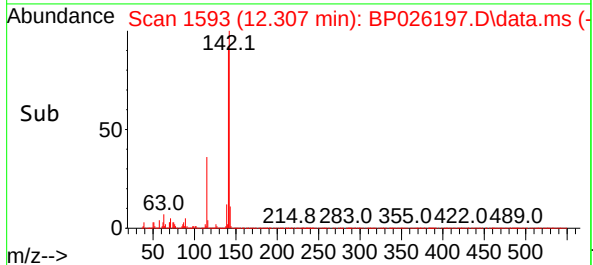
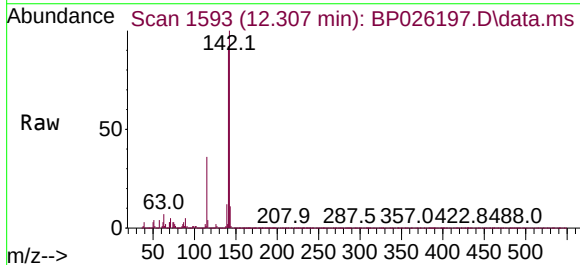
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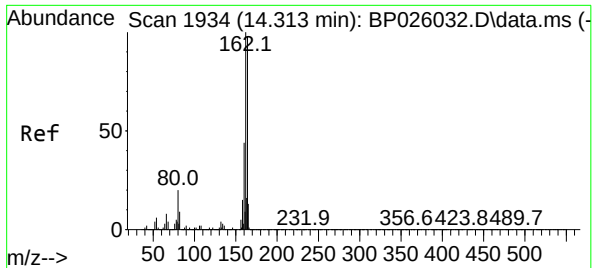
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#38
1-Methylnaphthalene
Concen: 40.113 ng
RT: 12.307 min Scan# 1593
Delta R.T. -0.023 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:142 Resp: 1642652
Ion Ratio Lower Upper
142 100
141 92.4 73.5 110.3
116 3.8 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.289 min Scan# 1934

Delta R.T. -0.035 min

Lab File: BP026197.D

Acq: 01 Dec 2025 14:09

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:164 Resp: 683760

Ion Ratio Lower Upper

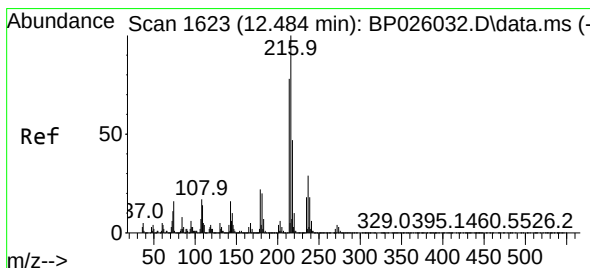
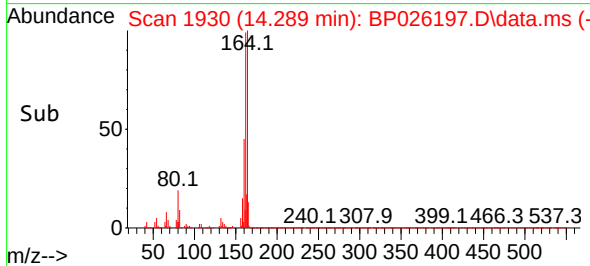
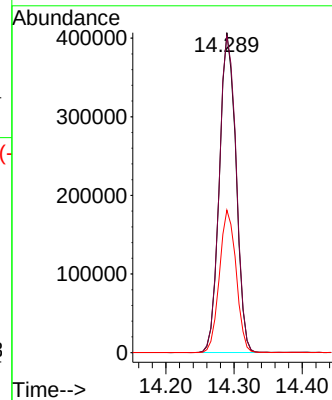
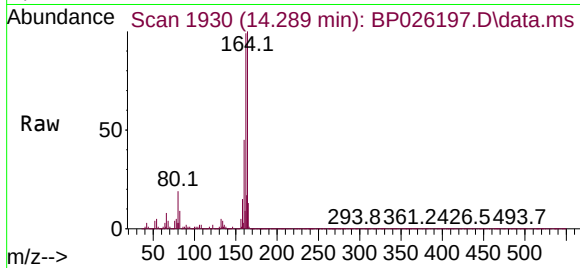
164 100

162 99.0 80.3 120.5

160 44.5 35.2 52.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.981 ng

RT: 12.466 min Scan# 1620

Delta R.T. -0.023 min

Lab File: BP026197.D

Acq: 01 Dec 2025 14:09

Tgt Ion:216 Resp: 867969

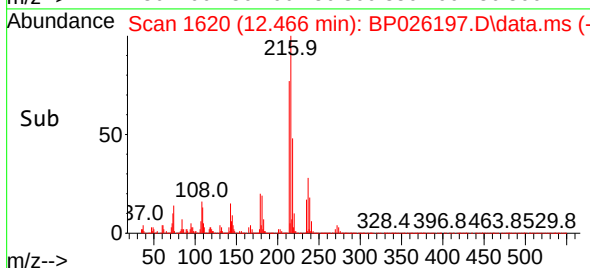
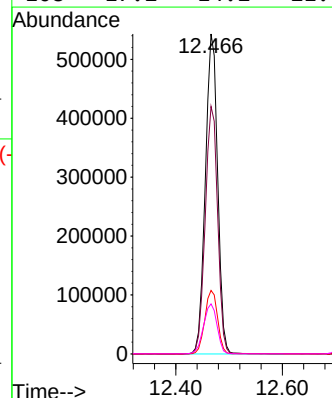
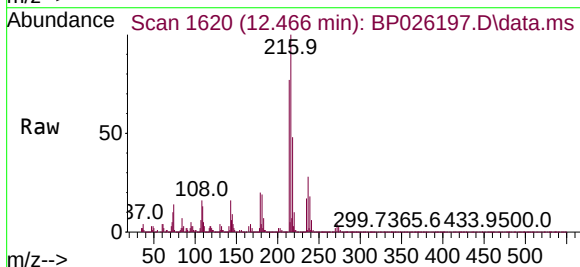
Ion Ratio Lower Upper

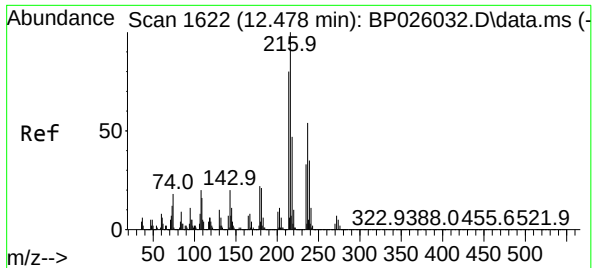
216 100

214 78.2 62.6 94.0

179 20.6 16.6 25.0

108 17.2 14.2 21.4





#41

Hexachlorocyclopentadiene

Concen: 36.162 ng

RT: 12.454 min Scan# 1618

Delta R.T. -0.018 min

Lab File: BP026197.D

Acq: 01 Dec 2025 14:09

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:237 Resp: 489314

Ion Ratio Lower Upper

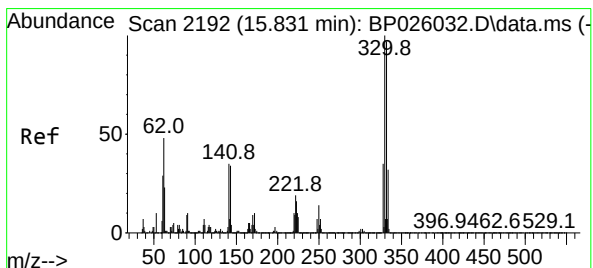
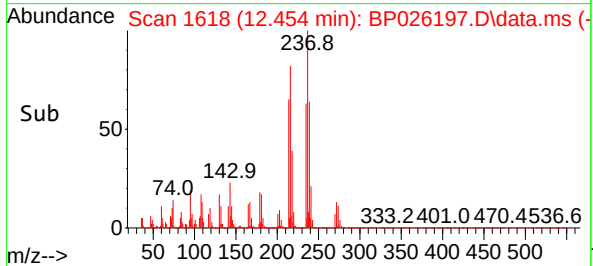
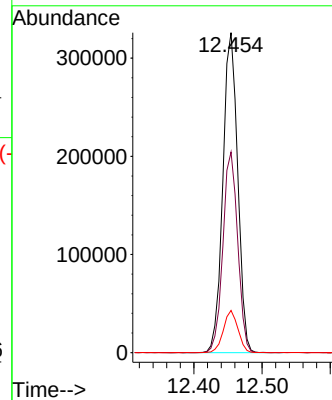
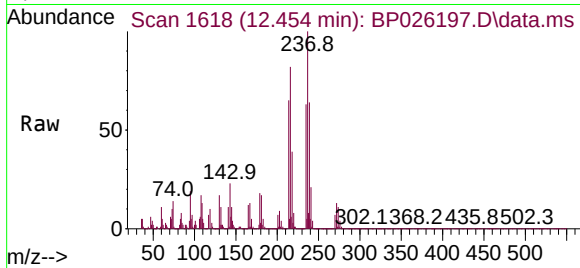
237 100

235 62.7 43.3 83.3

272 13.2 0.0 32.9

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

#42

2,4,6-Tribromophenol

Concen: 80.486 ng

RT: 15.813 min Scan# 2189

Delta R.T. -0.023 min

Lab File: BP026197.D

Acq: 01 Dec 2025 14:09

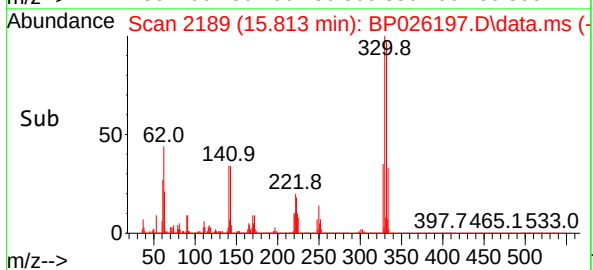
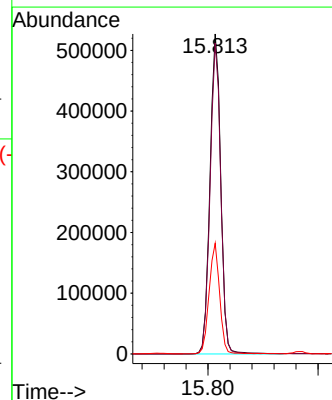
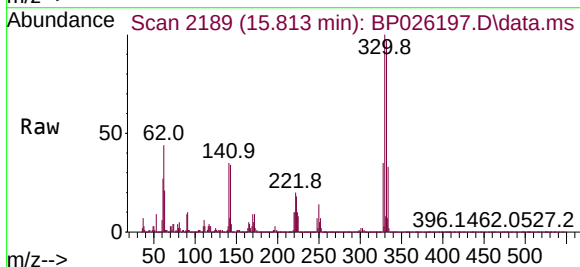
Tgt Ion:330 Resp: 713914

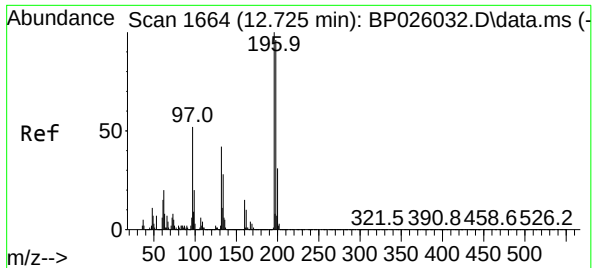
Ion Ratio Lower Upper

330 100

332 96.4 78.0 117.0

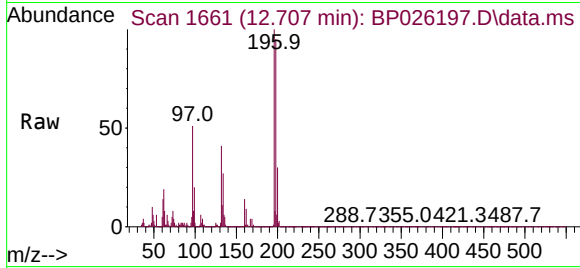
141 33.7 26.8 40.2





#43
2,4,6-Trichlorophenol
Concen: 40.708 ng
RT: 12.707 min Scan# 1661
Delta R.T. -0.018 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

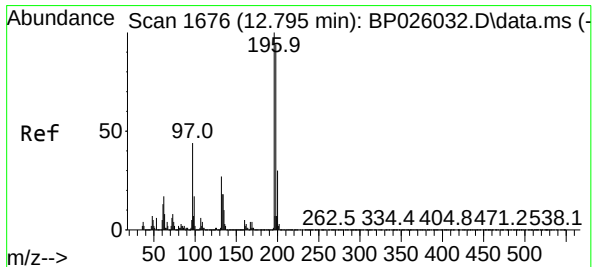
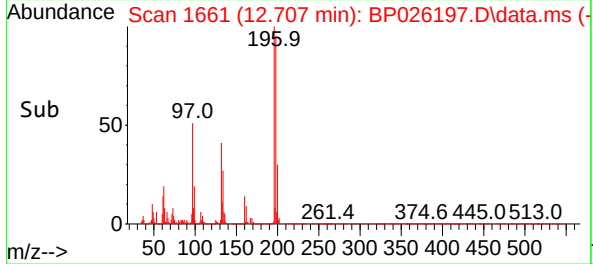
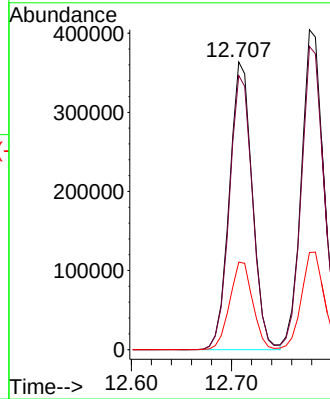
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:196 Resp: 57700
Ion Ratio Lower Upper
196 100
198 95.3 76.9 115.3
200 30.4 24.6 37.0

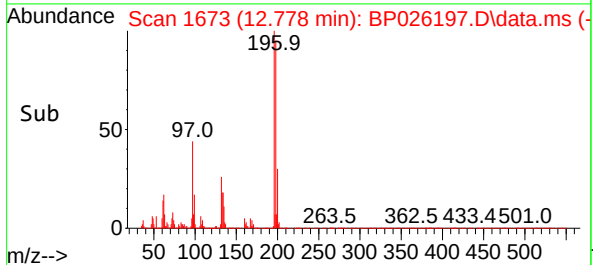
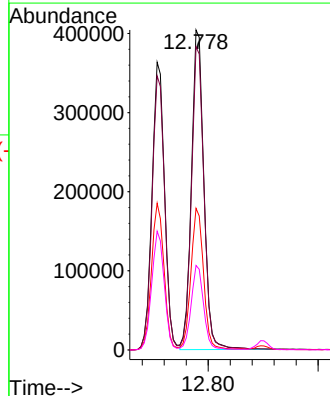
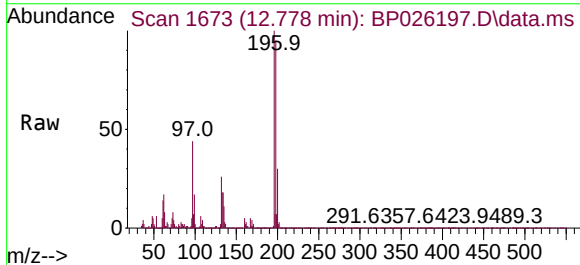
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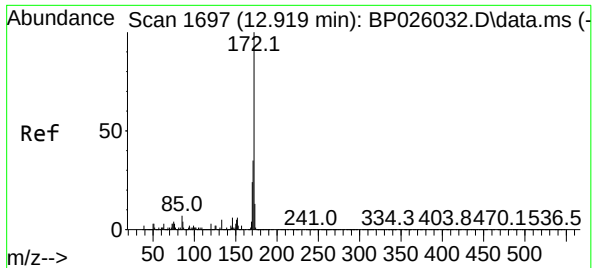
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#44
2,4,5-Trichlorophenol
Concen: 40.301 ng
RT: 12.778 min Scan# 1673
Delta R.T. -0.023 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:196 Resp: 637633
Ion Ratio Lower Upper
196 100
198 94.7 76.4 114.6
97 44.2 35.7 53.5
132 26.4 20.8 31.2





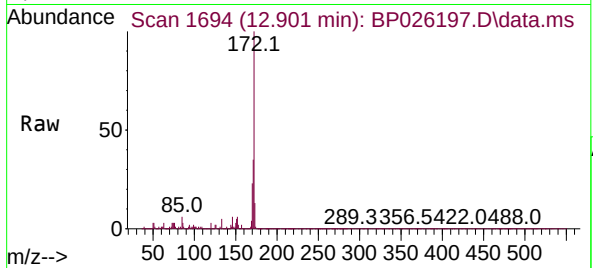
#45
2-Fluorobiphenyl
Concen: 82.928 ng
RT: 12.901 min Scan# 1697
Delta R.T. -0.029 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

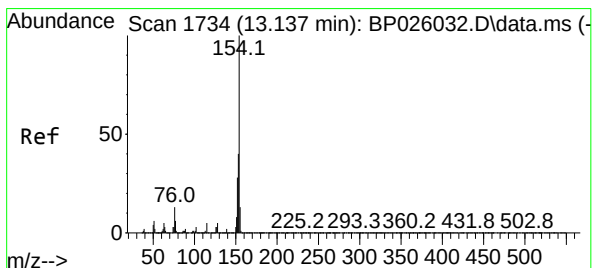
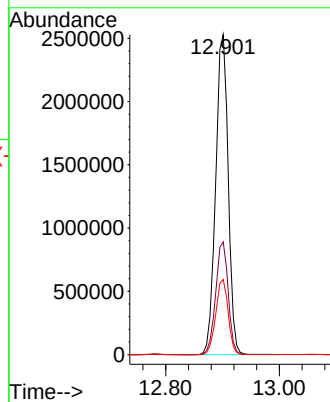
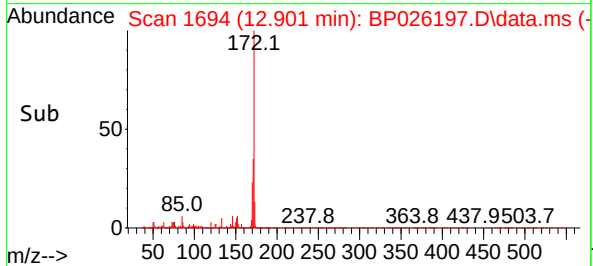


Tgt Ion:172 Resp: 3868910
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.4
170 23.5 18.7 28.1

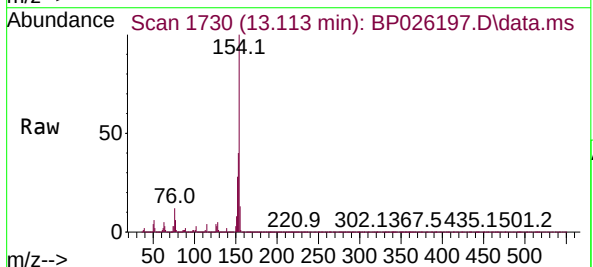
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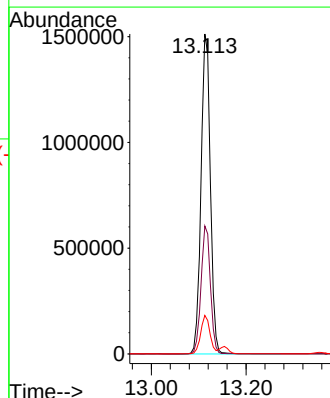
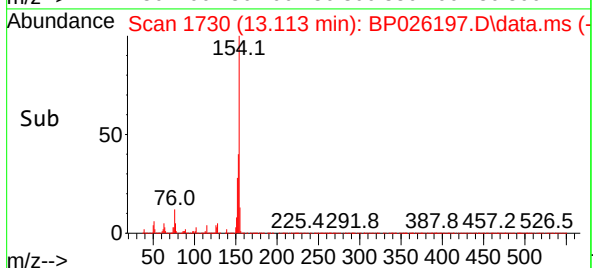
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

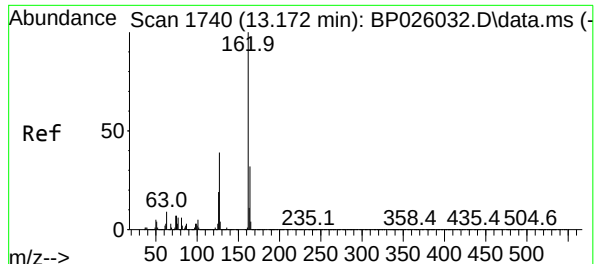


#46
1,1'-Biphenyl
Concen: 40.138 ng
RT: 13.113 min Scan# 1730
Delta R.T. -0.023 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09



Tgt Ion:154 Resp: 2066591
Ion Ratio Lower Upper
154 100
153 40.0 20.3 60.3
76 12.0 0.0 32.3





#47
2-Chloronaphthalene
Concen: 39.951 ng
RT: 13.154 min Scan# 1737
Delta R.T. -0.029 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Instrument :

BNA_P

ClientSampleId :

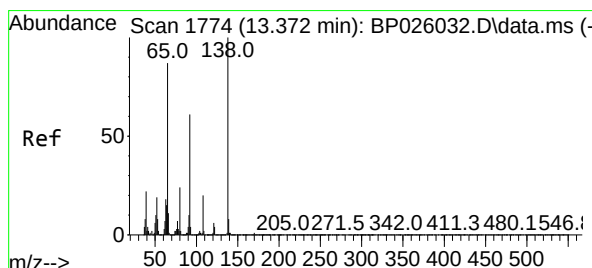
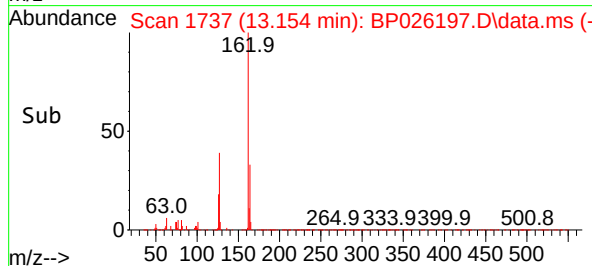
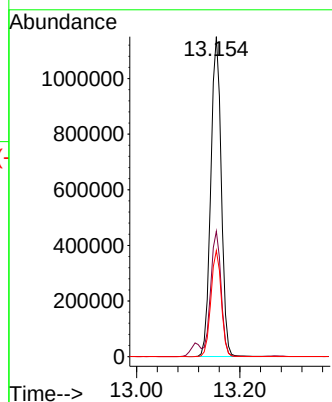
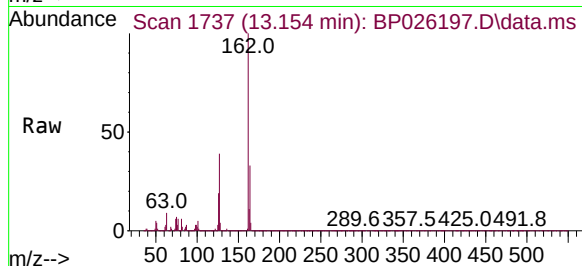
SSTDCCC040

Tgt Ion:162 Resp: 1617498
Ion Ratio Lower Upper
162 100
127 39.2 30.9 46.3
164 33.1 26.4 39.6

Manual Integrations

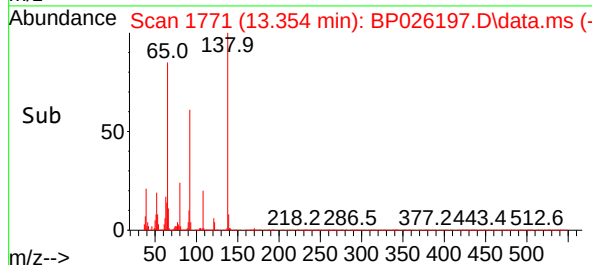
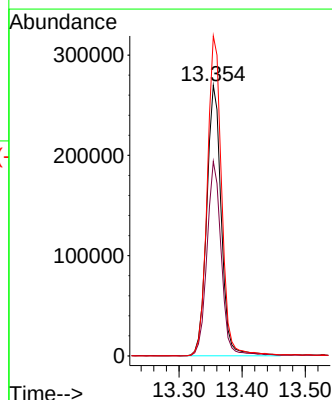
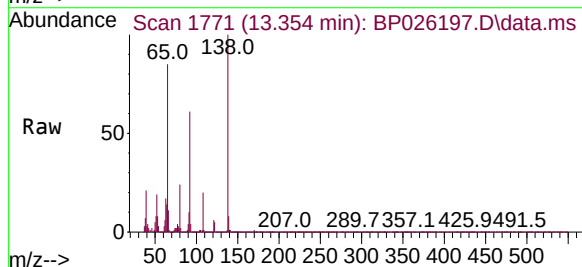
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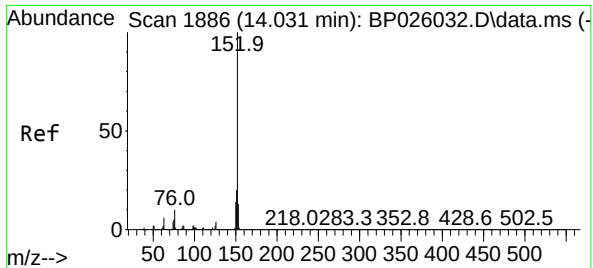
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#48
2-Nitroaniline
Concen: 38.340 ng
RT: 13.354 min Scan# 1771
Delta R.T. -0.023 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion: 65 Resp: 431659
Ion Ratio Lower Upper
65 100
92 71.9 59.1 88.7
138 118.3 96.6 145.0





#49

Acenaphthylene

Concen: 40.630 ng

RT: 14.013 min Scan# 1886

Delta R.T. -0.023 min

Lab File: BP026197.D

Acq: 01 Dec 2025 14:09

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:152 Resp: 2713386

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.8

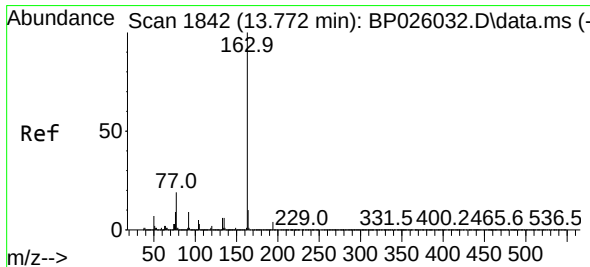
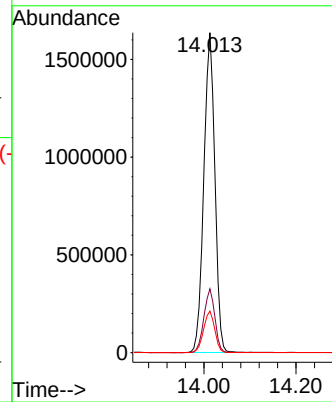
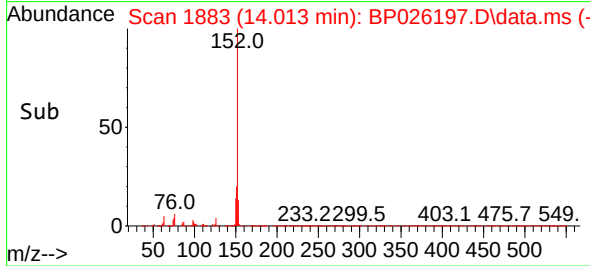
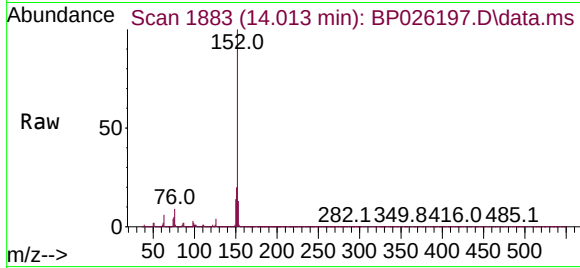
153 13.0 10.6 16.0

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Reviewed By :Jagrut Upadhyay 12/02/2025

Supervised By :mohammad ahmed 12/03/2025



#50

Dimethylphthalate

Concen: 40.065 ng

RT: 13.748 min Scan# 1838

Delta R.T. -0.023 min

Lab File: BP026197.D

Acq: 01 Dec 2025 14:09

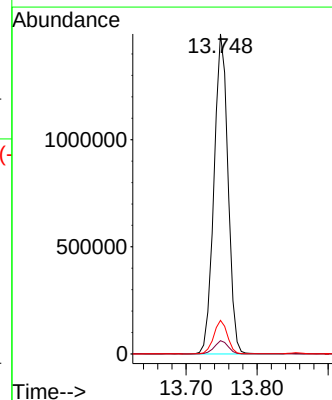
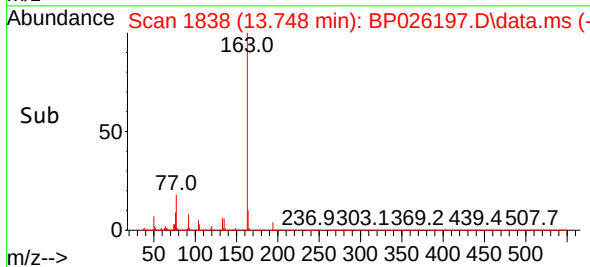
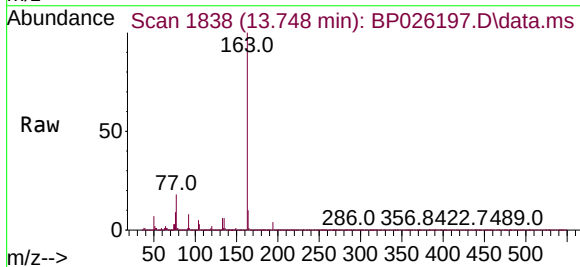
Tgt Ion:163 Resp: 2046122

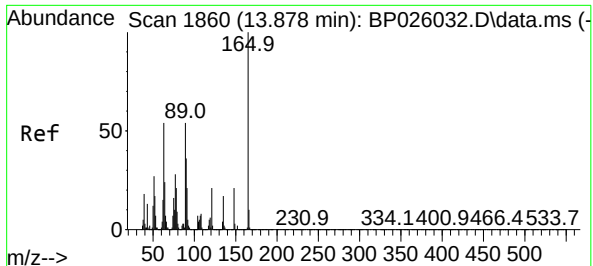
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

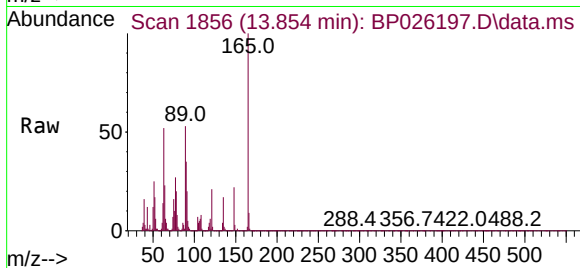
164 10.5 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 40.122 ng
RT: 13.854 min Scan# 1860
Delta R.T. -0.029 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

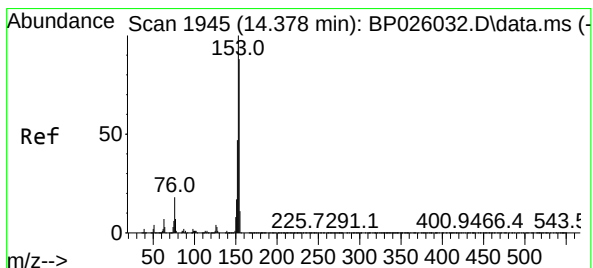
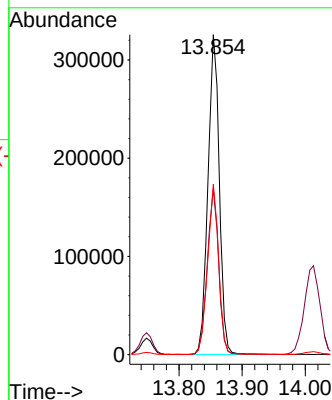
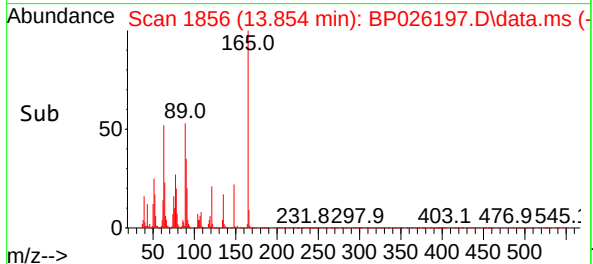
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



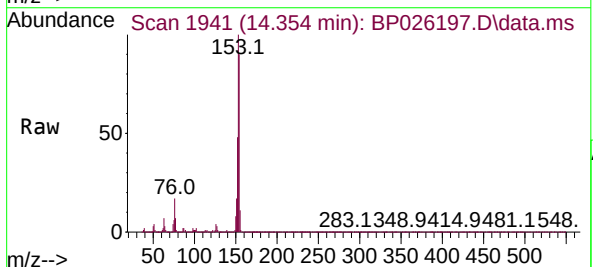
Tgt Ion:165 Resp: 406005
Ion Ratio Lower Upper
165 100
63 51.9 40.5 60.7
89 53.2 41.3 61.9

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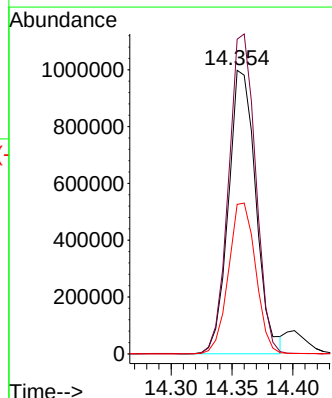
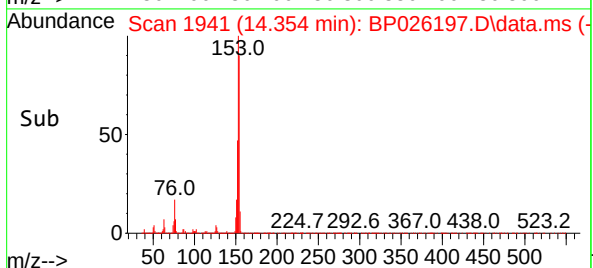
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

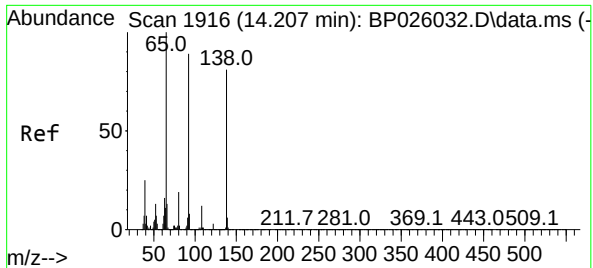


#52
Acenaphthene
Concen: 40.046 ng
RT: 14.354 min Scan# 1941
Delta R.T. -0.029 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09



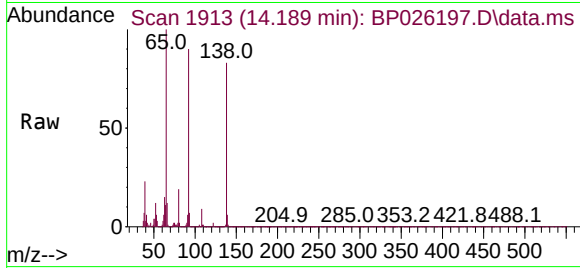
Tgt Ion:154 Resp: 1567254
Ion Ratio Lower Upper
154 100
153 111.0 90.7 136.1
152 52.7 42.8 64.2





#53
3-Nitroaniline
Concen: 37.525 ng
RT: 14.189 min Scan# 1913
Delta R.T. -0.029 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

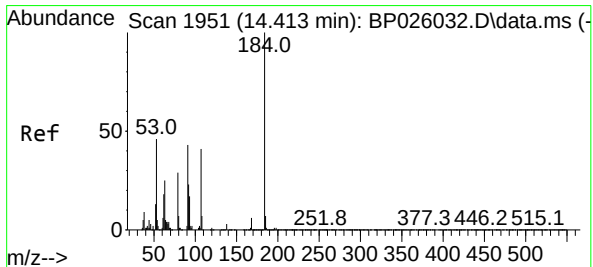
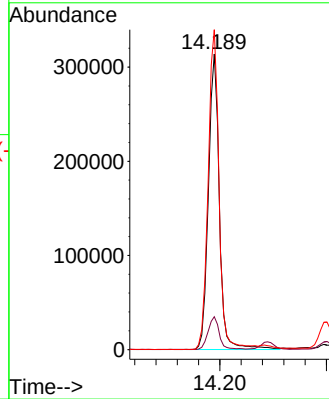
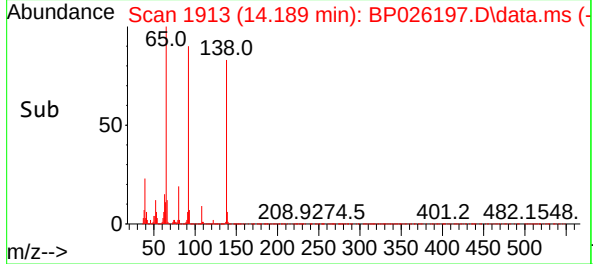
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:138 Resp: 447093
Ion Ratio Lower Upper
138 100
108 11.1 8.9 13.3
92 108.2 86.3 129.5

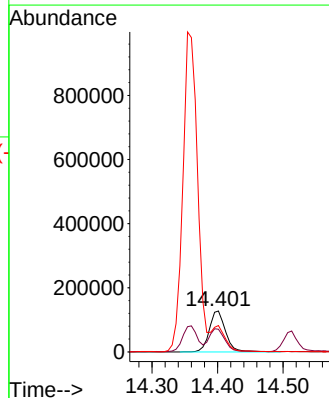
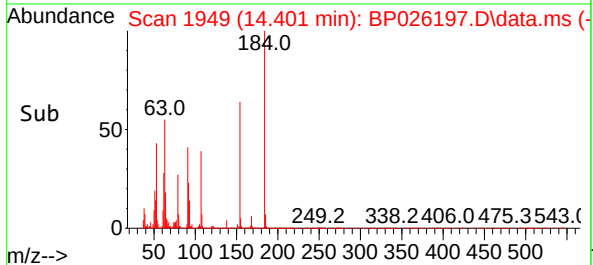
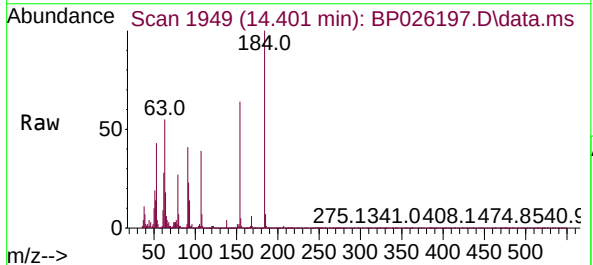
Manual Integrations
APPROVED

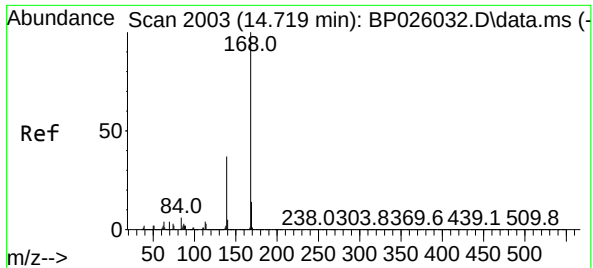
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#54
2,4-Dinitrophenol
Concen: 35.829 ng
RT: 14.401 min Scan# 1949
Delta R.T. -0.029 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

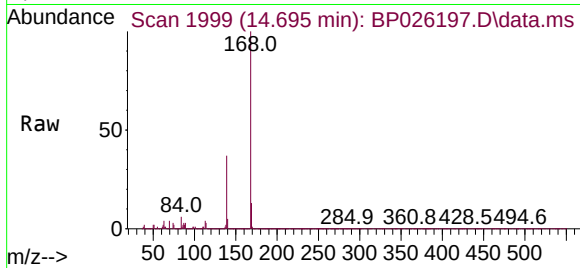
Tgt Ion:184 Resp: 218862
Ion Ratio Lower Upper
184 100
63 55.5 43.1 64.7
154 64.4 49.5 74.3





#55
Dibenzenofuran
Concen: 40.337 ng
RT: 14.695 min Scan# 1999
Delta R.T. -0.029 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

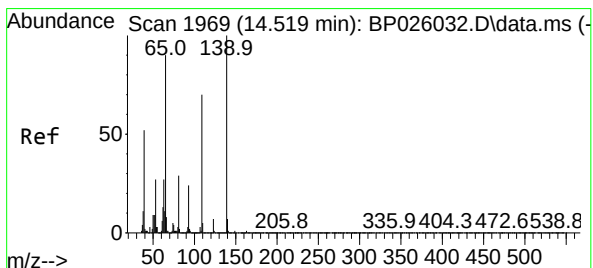
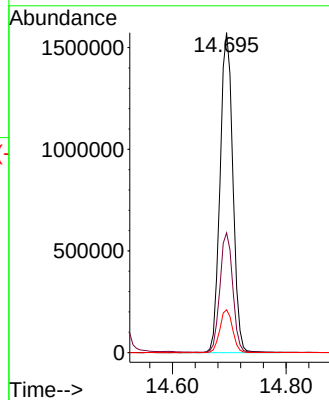
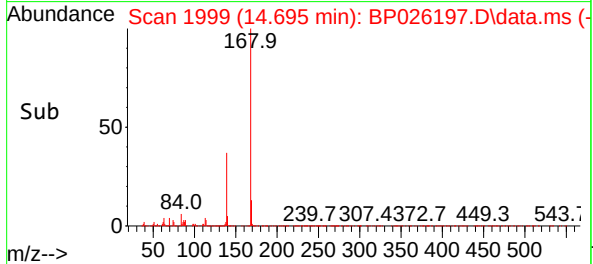
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



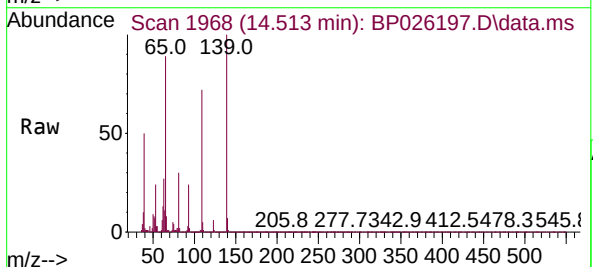
Tgt Ion:168 Resp: 2445109
Ion Ratio Lower Upper
168 100
139 37.4 29.8 44.6
169 13.4 10.9 16.3

Manual Integrations
APPROVED

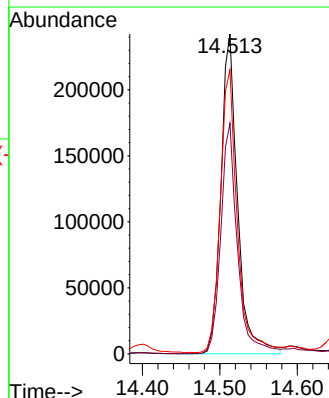
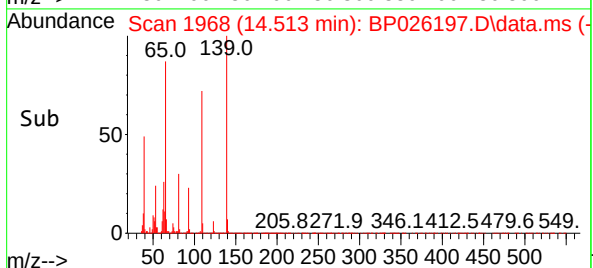
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

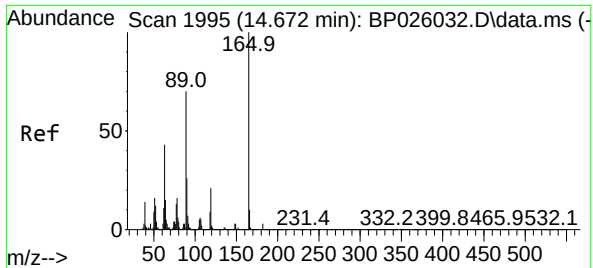


#56
4-Nitrophenol
Concen: 33.659 ng
RT: 14.513 min Scan# 1968
Delta R.T. -0.029 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09



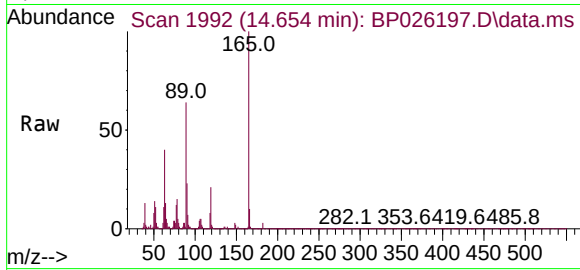
Tgt Ion:139 Resp: 362794
Ion Ratio Lower Upper
139 100
109 72.1 46.8 86.8
65 88.8 69.3 109.3





#57
2,4-Dinitrotoluene
Concen: 40.215 ng
RT: 14.654 min Scan# 1992
Delta R.T. -0.035 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

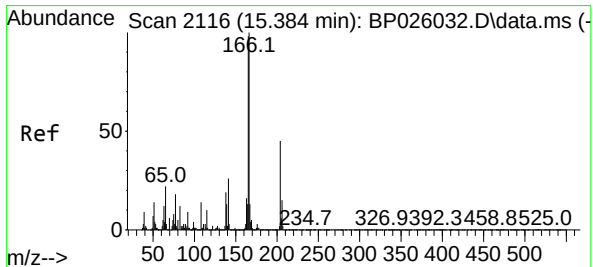
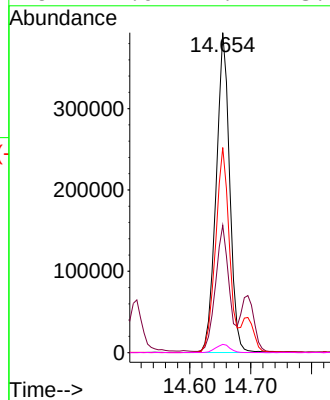
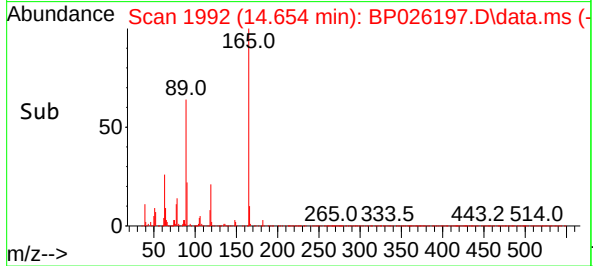
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:165 Resp: 607625
Ion Ratio Lower Upper
165 100
63 39.8 31.0 46.6
89 64.1 51.7 77.5
182 2.6 2.2 3.2

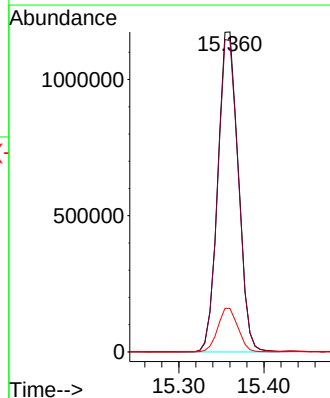
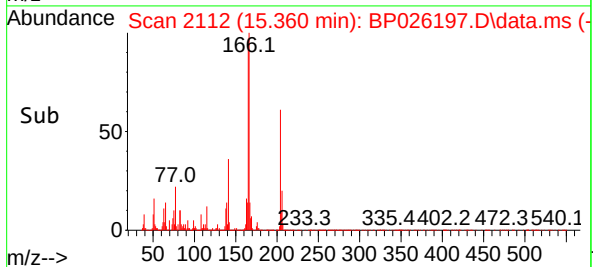
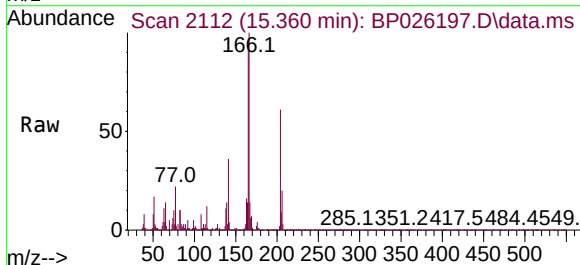
Manual Integrations
APPROVED

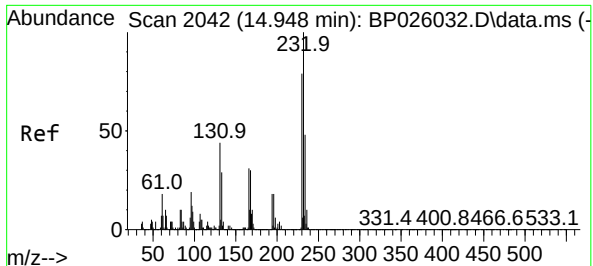
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#58
Fluorene
Concen: 40.781 ng
RT: 15.360 min Scan# 2112
Delta R.T. -0.029 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:166 Resp: 1953883
Ion Ratio Lower Upper
166 100
165 97.2 77.9 116.9
167 13.6 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 38.817 ng

RT: 14.919 min Scan# 2042

Delta R.T. -0.041 min

Lab File: BP026197.D

Acq: 01 Dec 2025 14:09

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:232 Resp: 521019

Ion Ratio Lower Upper

232 100

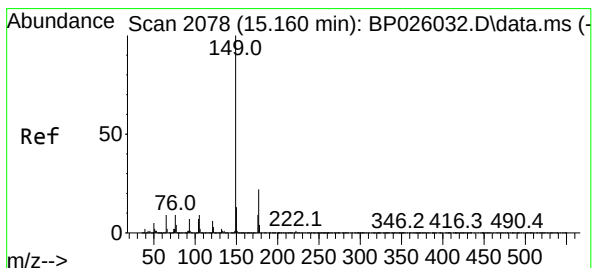
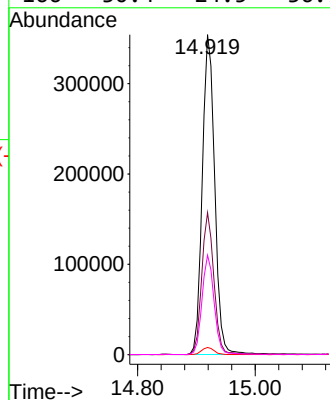
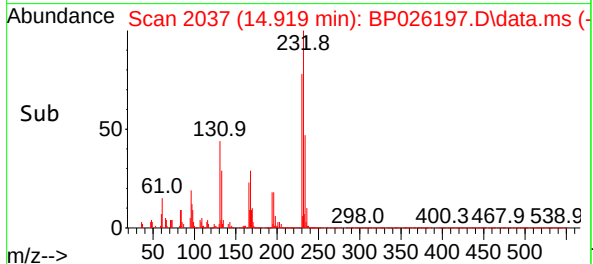
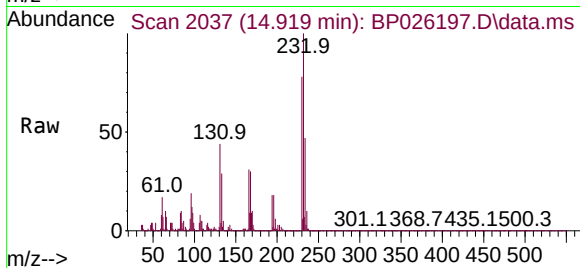
131 43.6 34.8 52.2

130 2.2 1.8 2.8

166 30.4 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

#60

Diethylphthalate

Concen: 39.567 ng

RT: 15.142 min Scan# 2075

Delta R.T. -0.029 min

Lab File: BP026197.D

Acq: 01 Dec 2025 14:09

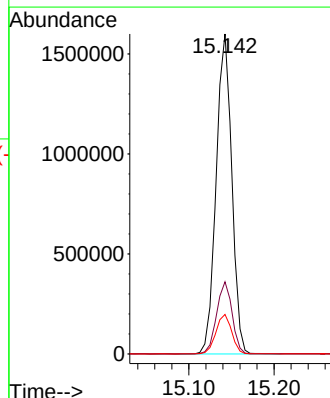
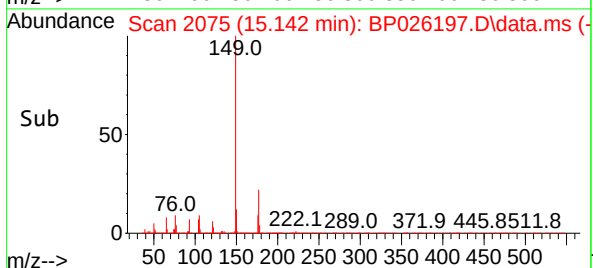
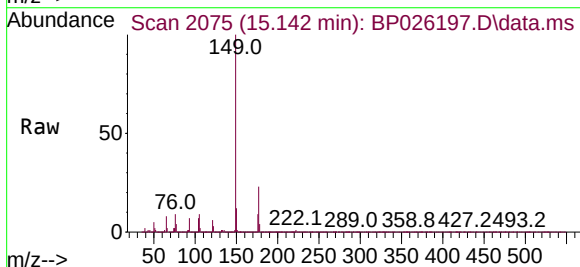
Tgt Ion:149 Resp: 2035537

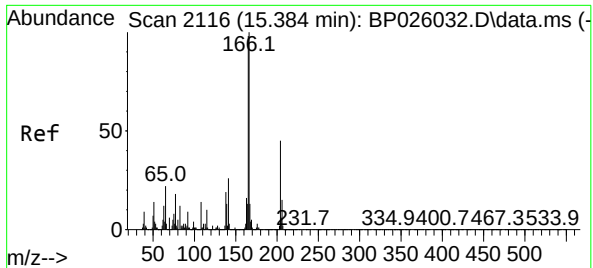
Ion Ratio Lower Upper

149 100

177 22.5 17.9 26.9

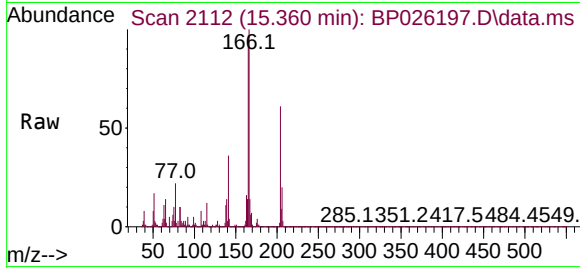
150 12.3 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 41.010 ng
RT: 15.360 min Scan# 2114
Delta R.T. -0.029 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

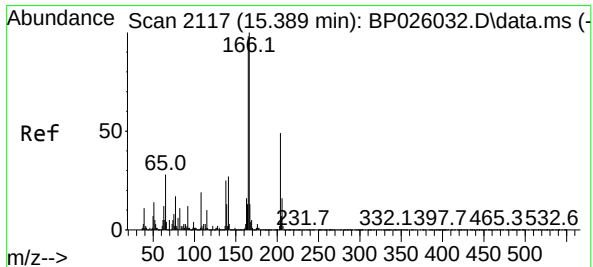
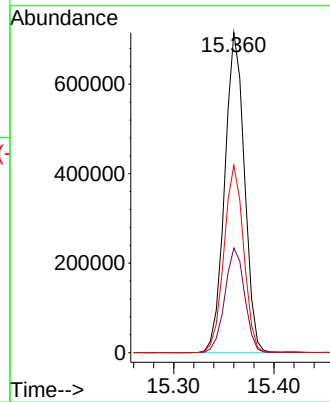
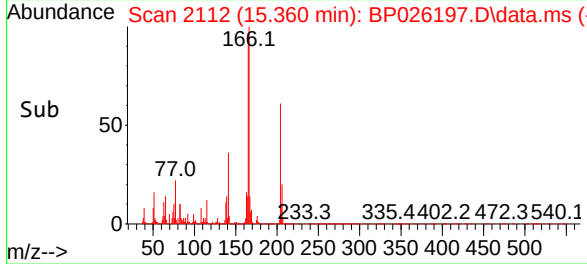
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 204 Resp: 977633
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 58.5 48.1 72.1

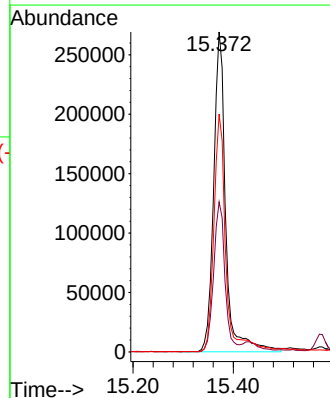
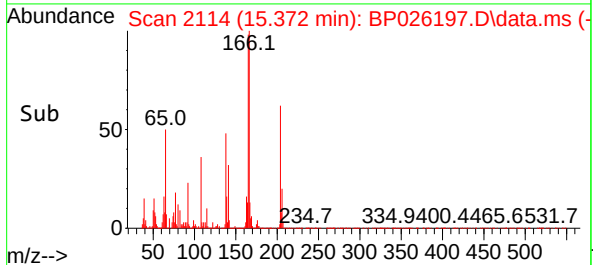
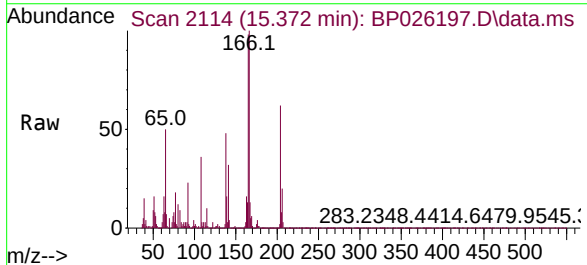
Manual Integrations
APPROVED

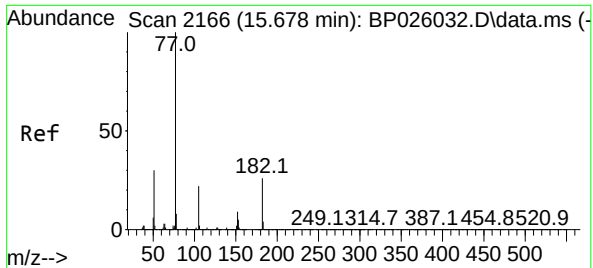
Reviewed By : Jagrut Upadhyay 12/02/2025
Supervised By : mohammad ahmed 12/03/2025



#62
4-Nitroaniline
Concen: 36.247 ng
RT: 15.372 min Scan# 2114
Delta R.T. -0.029 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

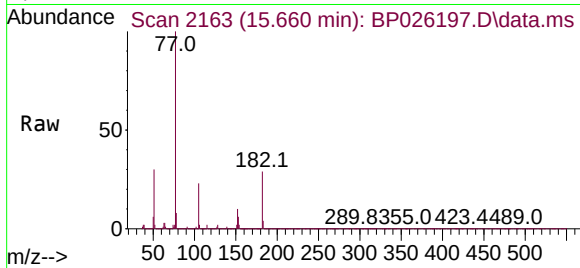
Tgt Ion: 138 Resp: 448462
Ion Ratio Lower Upper
138 100
92 46.9 27.5 67.5
108 74.3 51.1 91.1





#63
Azobenzene
Concen: 40.005 ng
RT: 15.660 min Scan# 2166
Delta R.T. -0.029 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

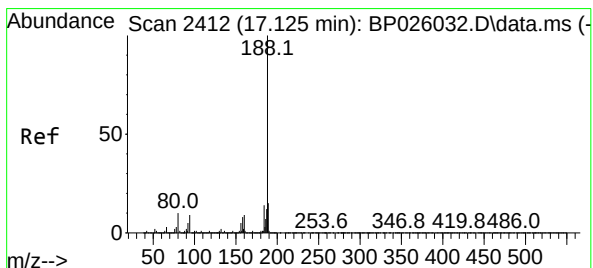
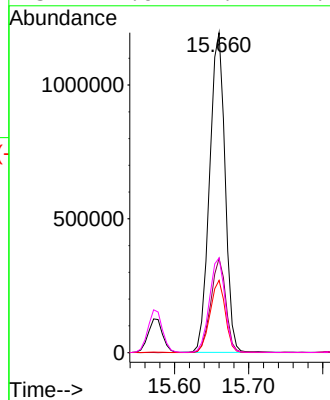
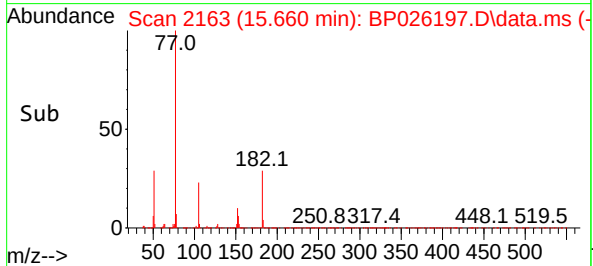
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 77 Resp: 1735358
Ion Ratio Lower Upper
77 100
182 29.4 8.8 48.8
105 22.6 2.6 42.6
51 29.6 9.2 49.2

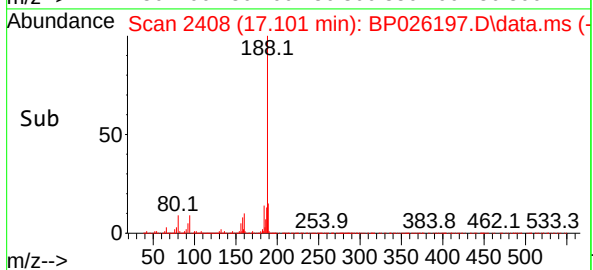
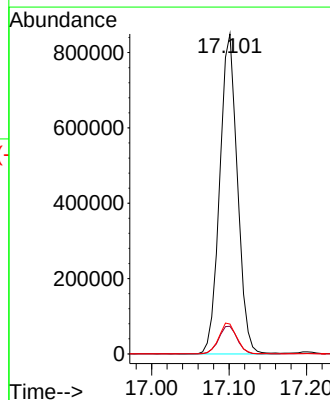
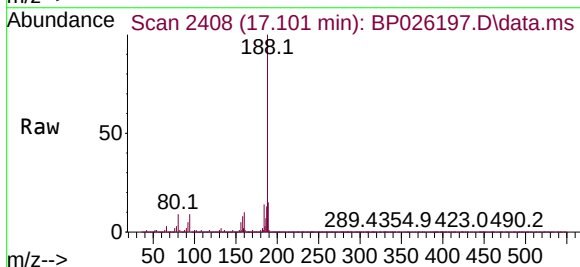
Manual Integrations
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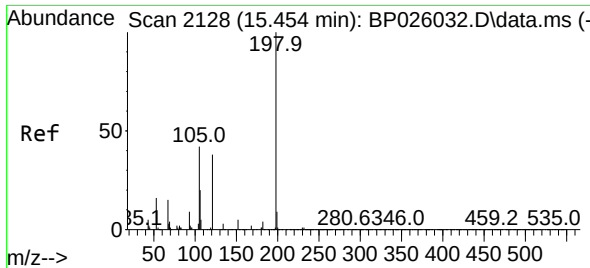
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.101 min Scan# 2408
Delta R.T. -0.029 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:188 Resp: 1350551
Ion Ratio Lower Upper
188 100
94 8.6 7.8 11.6
80 9.3 8.2 12.2





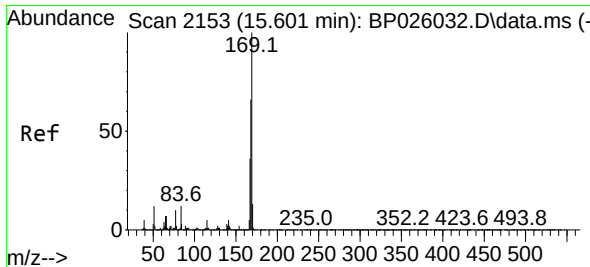
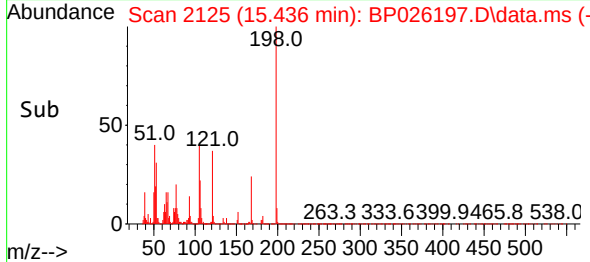
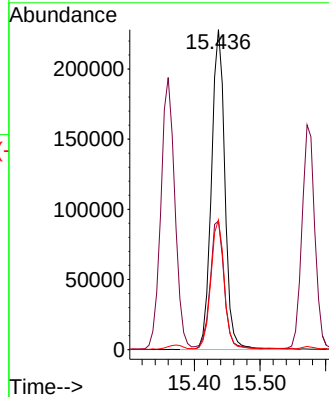
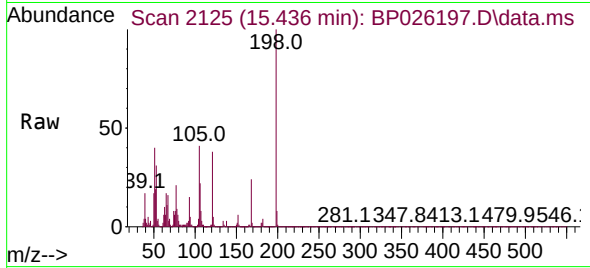
#65
4,6-Dinitro-2-methylphenol
Concen: 37.868 ng
RT: 15.436 min Scan# 2119
Delta R.T. -0.029 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 324899
Ion Ratio Lower Upper
198 100
51 40.2 18.4 58.4
105 40.5 18.5 58.5

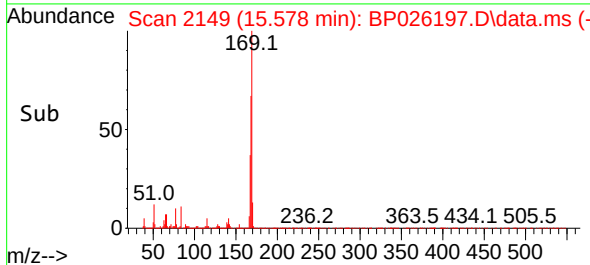
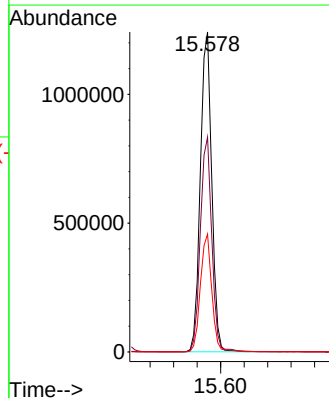
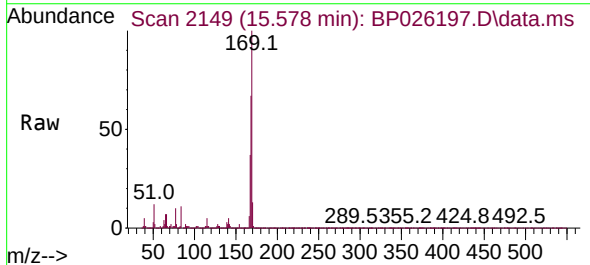
Manual Integrations
APPROVED

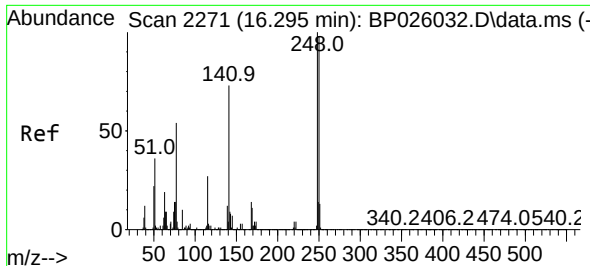
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#66
n-Nitrosodiphenylamine
Concen: 39.978 ng
RT: 15.578 min Scan# 2149
Delta R.T. -0.029 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:169 Resp: 1670222
Ion Ratio Lower Upper
169 100
168 67.1 53.1 79.7
167 36.8 28.9 43.3





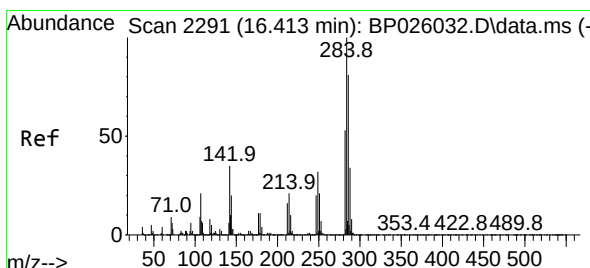
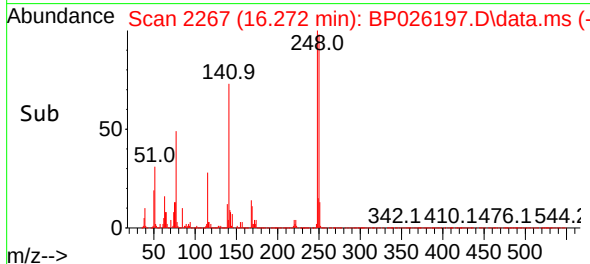
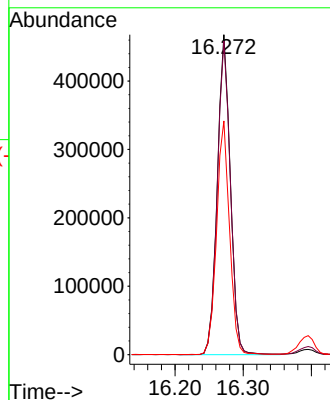
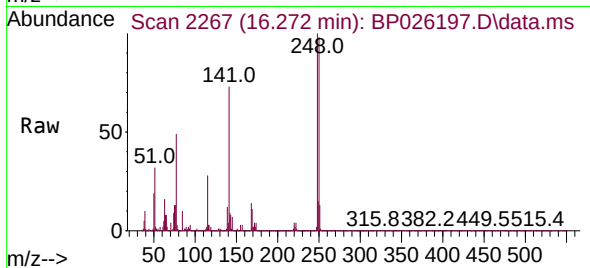
#67
4-Bromophenyl-phenylether
Concen: 41.378 ng
RT: 16.272 min Scan# 2271
Delta R.T. -0.035 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 61884
Ion Ratio Lower Upper
248 100
250 98.0 77.8 116.6
141 73.0 55.4 83.0

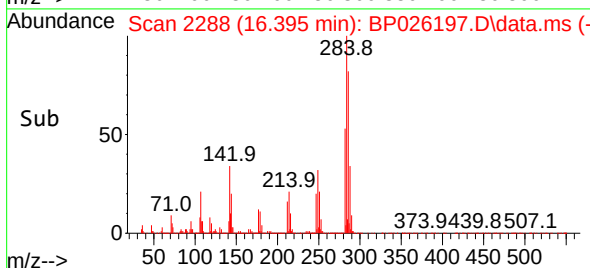
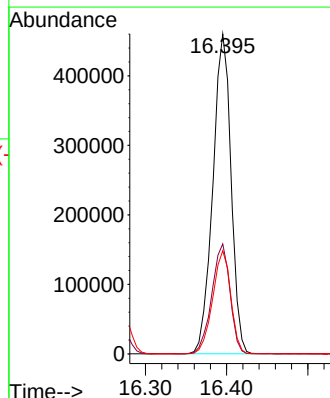
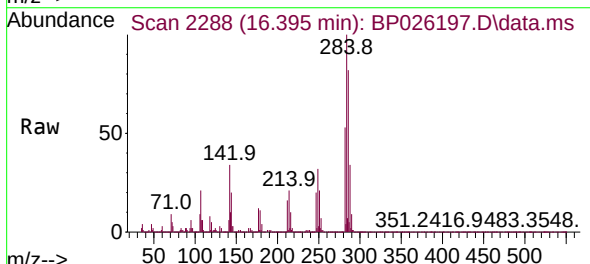
Manual Integrations
APPROVED

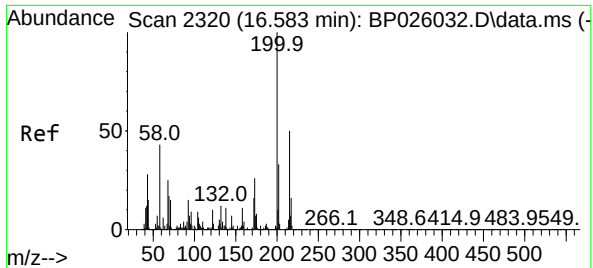
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#68
Hexachlorobenzene
Concen: 41.347 ng
RT: 16.395 min Scan# 2288
Delta R.T. -0.029 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

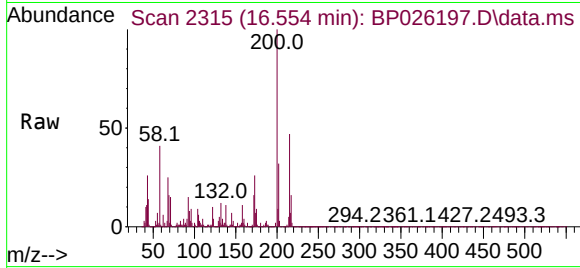
Tgt Ion:284 Resp: 717606
Ion Ratio Lower Upper
284 100
142 34.4 28.0 42.0
249 32.2 25.0 37.4





#69
Atrazine
Concen: 39.679 ng
RT: 16.554 min Scan# 2315
Delta R.T. -0.035 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

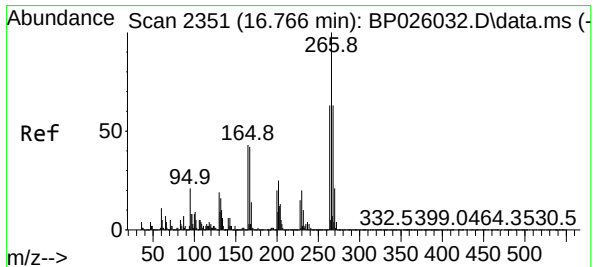
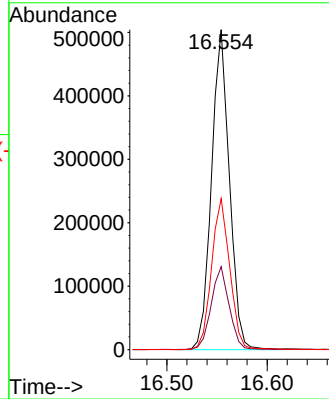
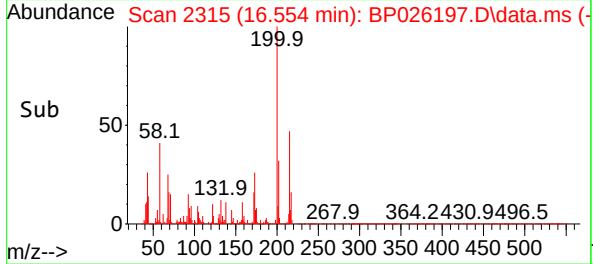
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:200 Resp: 625107
Ion Ratio Lower Upper
200 100
173 25.9 6.7 46.7
215 47.2 27.4 67.4

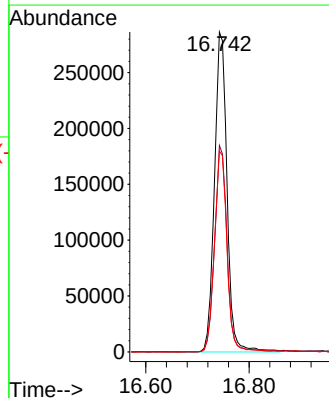
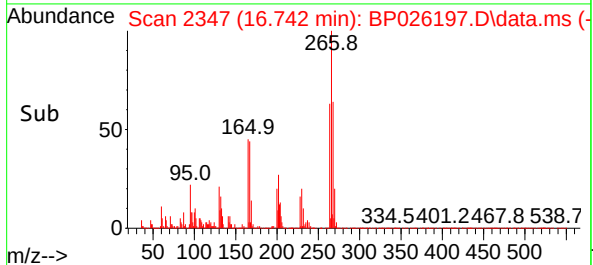
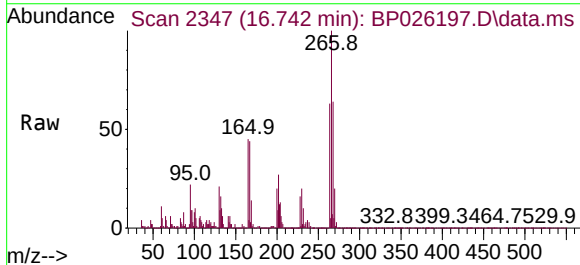
Manual Integrations
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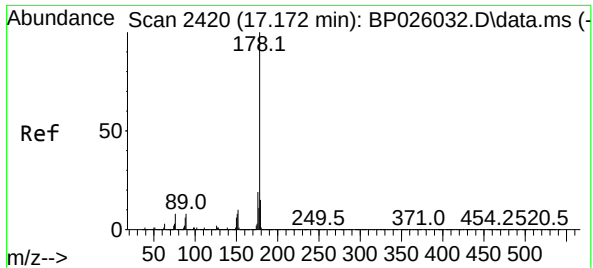
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#70
Pentachlorophenol
Concen: 39.836 ng
RT: 16.742 min Scan# 2347
Delta R.T. -0.035 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

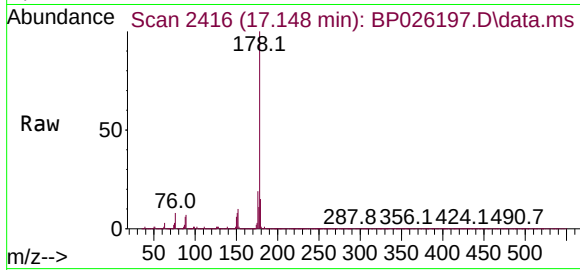
Tgt Ion:266 Resp: 483633
Ion Ratio Lower Upper
266 100
268 64.5 51.0 76.4
264 62.8 50.2 75.2





#71
Phenanthrene
Concen: 40.786 ng
RT: 17.148 min Scan# 2416
Delta R.T. -0.029 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

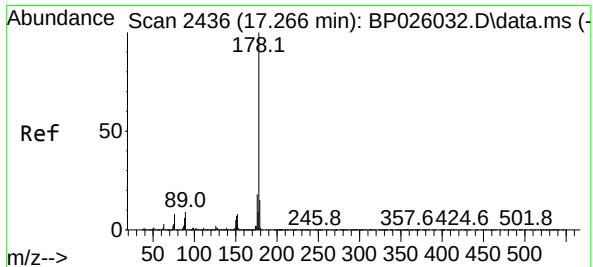
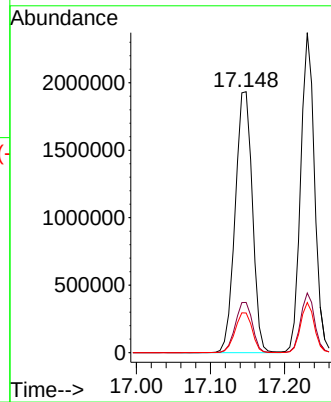
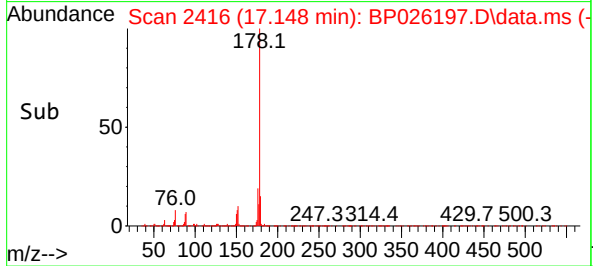
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



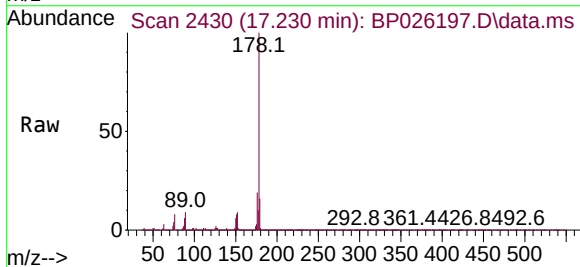
Tgt Ion:178 Resp: 3102947
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.2 12.4 18.6

Manual Integrations
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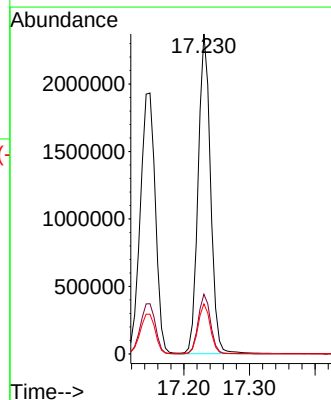
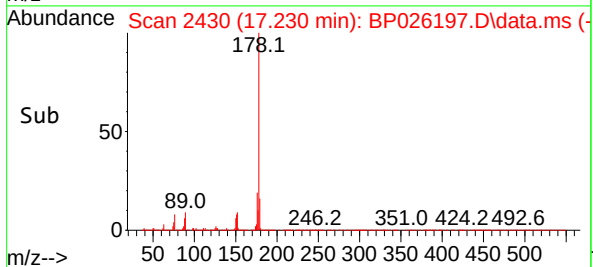
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

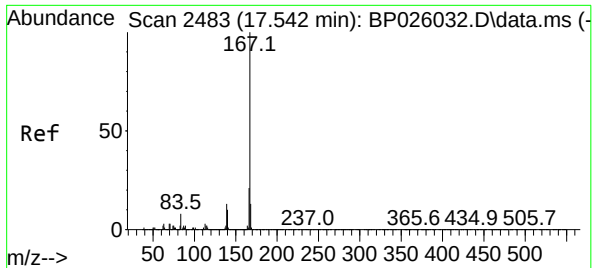


#72
Anthracene
Concen: 39.871 ng
RT: 17.230 min Scan# 2430
Delta R.T. -0.041 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09



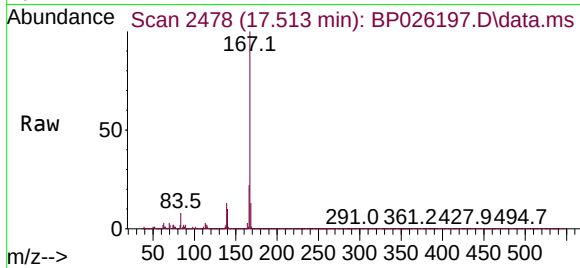
Tgt Ion:178 Resp: 3093926
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 15.6 12.2 18.4





#73
 Carbazole
 Concen: 39.365 ng
 RT: 17.513 min Scan# 2483
 Delta R.T. -0.029 min
 Lab File: BP026197.D
 Acq: 01 Dec 2025 14:09

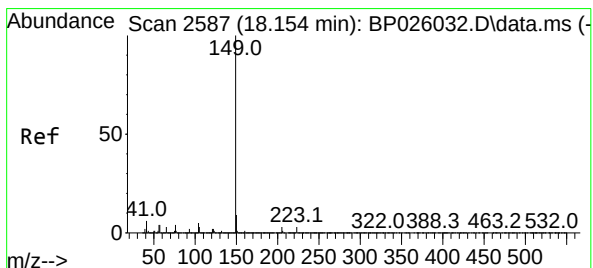
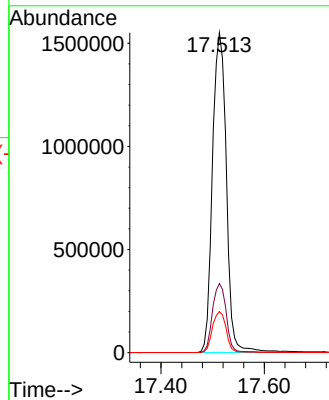
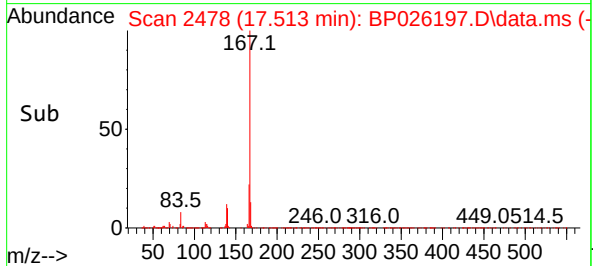
Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040



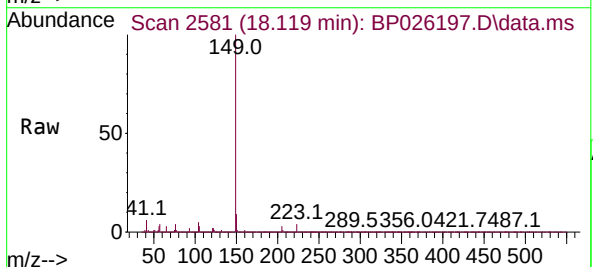
Tgt Ion:167 Resp: 2901269
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.1 25.7
 139 12.8 10.2 15.4

Manual Integrations
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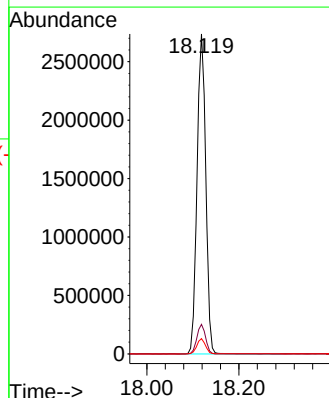
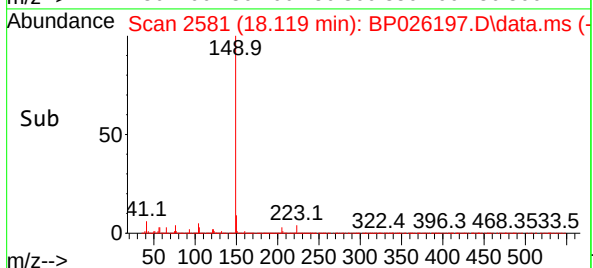
Reviewed By :Jagrut Upadhyay 12/02/2025
 Supervised By :mohammad ahmed 12/03/2025

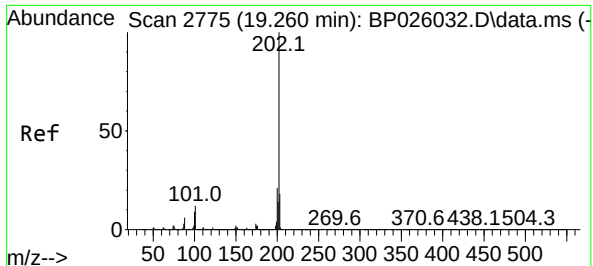


#74
 Di-n-butylphthalate
 Concen: 40.966 ng
 RT: 18.119 min Scan# 2581
 Delta R.T. -0.041 min
 Lab File: BP026197.D
 Acq: 01 Dec 2025 14:09



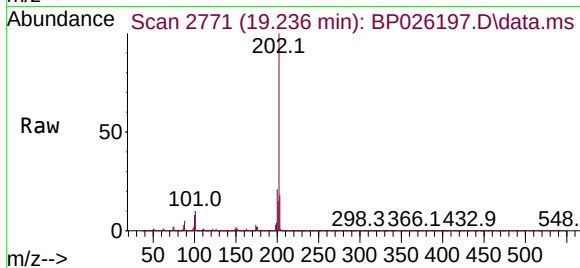
Tgt Ion:149 Resp: 3579365
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 4.8 3.6 5.4





#75
Fluoranthene
Concen: 40.112 ng
RT: 19.236 min Scan# 21
Delta R.T. -0.029 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

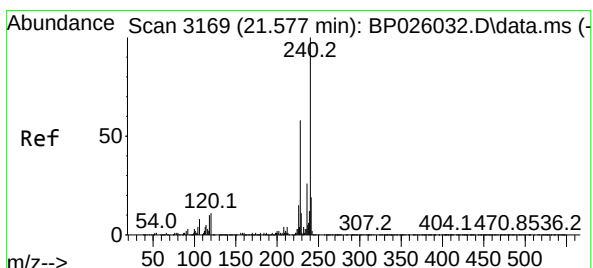
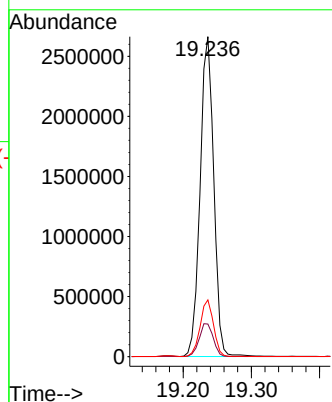
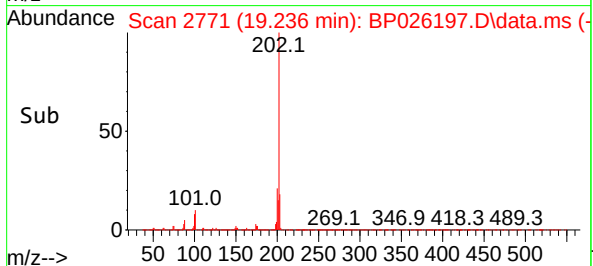
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:202 Resp: 3707799
Ion Ratio Lower Upper
202 100
101 10.2 0.0 31.2
203 17.7 0.0 37.7

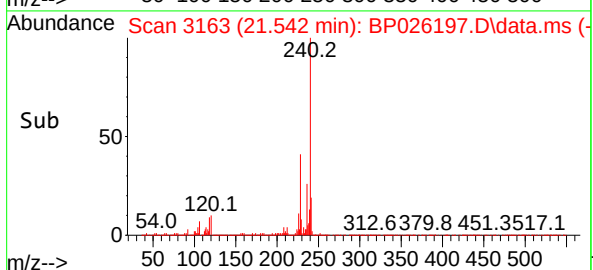
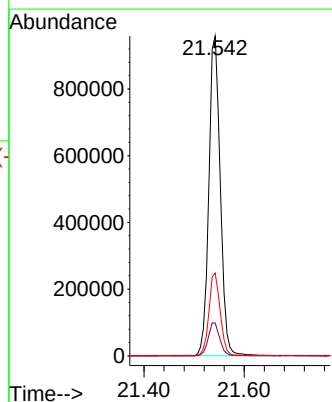
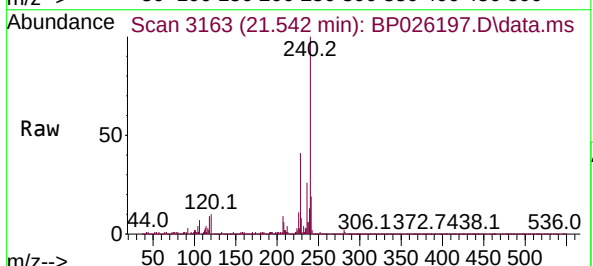
Manual Integrations
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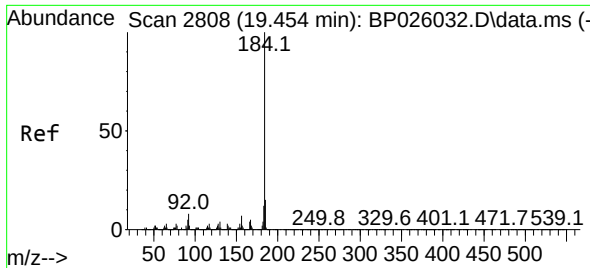
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.542 min Scan# 3163
Delta R.T. -0.029 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

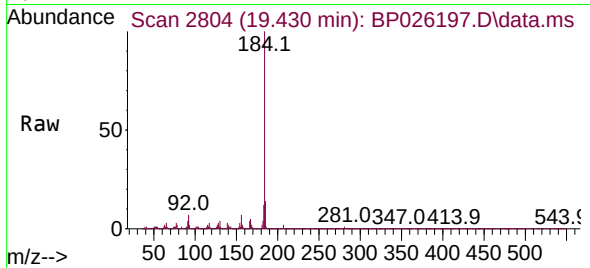
Tgt Ion:240 Resp: 1519755
Ion Ratio Lower Upper
240 100
120 10.3 9.0 13.4
236 25.9 20.4 30.6





#77
Benzidine
Concen: 36.460 ng
RT: 19.430 min Scan# 2804
Delta R.T. -0.035 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

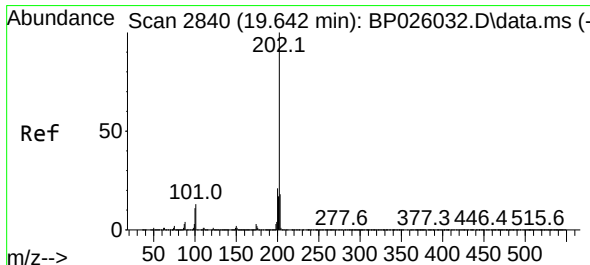
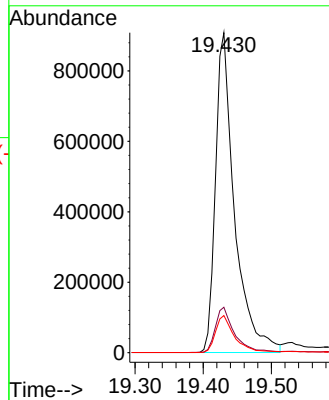
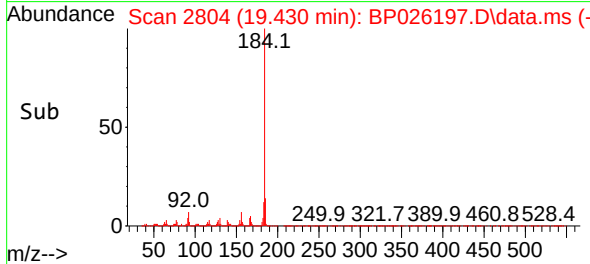
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:184 Resp: 1758500
Ion Ratio Lower Upper
184 100
185 14.2 11.3 16.9
183 11.6 9.0 13.6

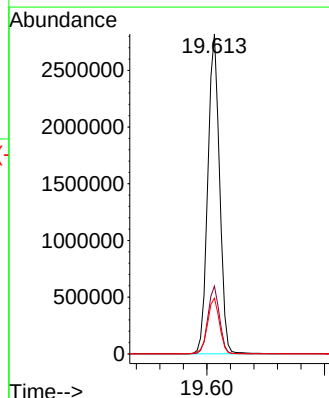
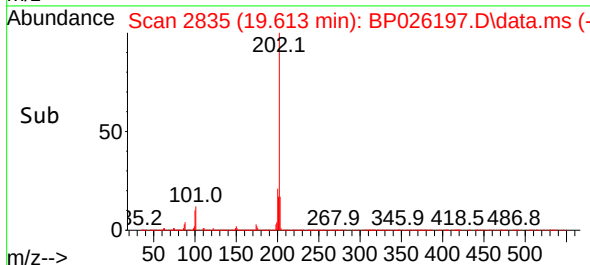
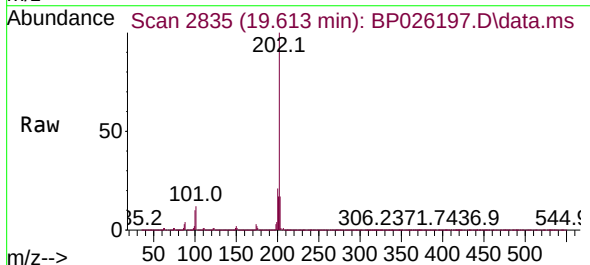
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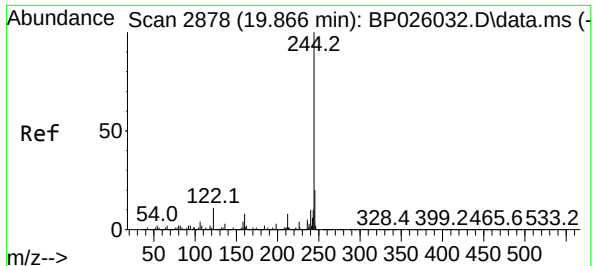
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#78
Pyrene
Concen: 39.292 ng
RT: 19.613 min Scan# 2835
Delta R.T. -0.029 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion:202 Resp: 3915294
Ion Ratio Lower Upper
202 100
200 21.2 16.9 25.3
203 17.4 13.8 20.8





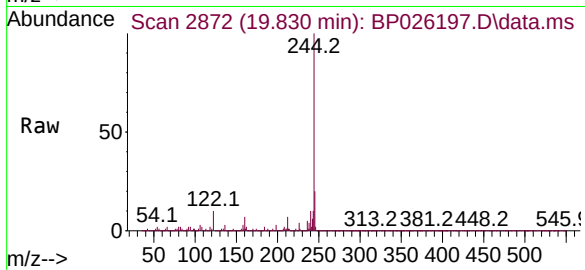
#79
 Terphenyl-d14
 Concen: 81.101 ng
 RT: 19.830 min Scan# 2878
 Delta R.T. -0.041 min
 Lab File: BP026197.D
 Acq: 01 Dec 2025 14:09

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

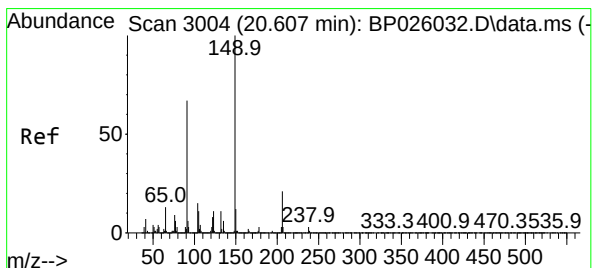
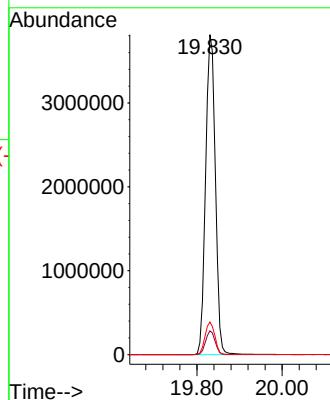
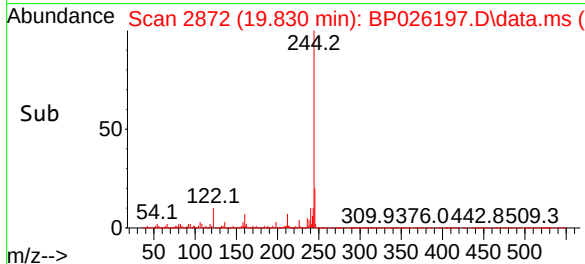


Tgt Ion:244 Resp: 6044676
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 10.2 8.2 12.2

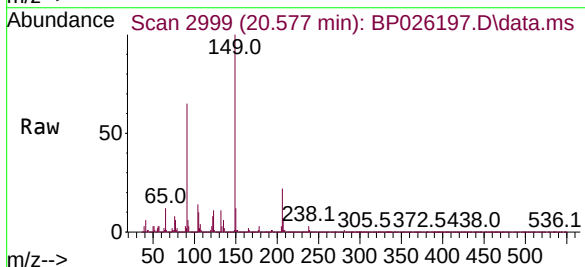
Manual Integrations

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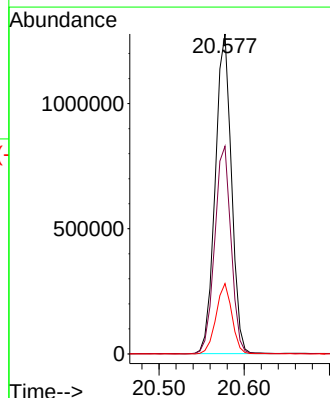
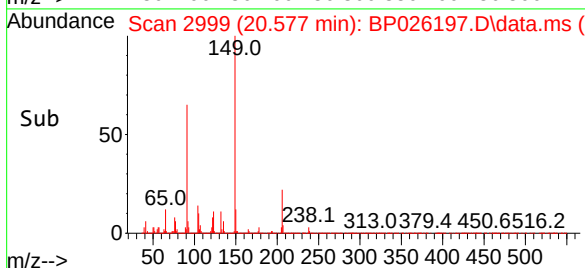
Reviewed By :Jagrut Upadhyay 12/02/2025
 Supervised By :mohammad ahmed 12/03/2025

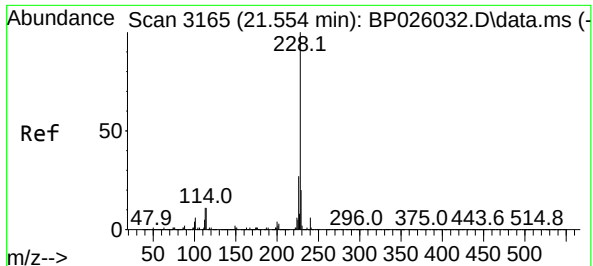


#80
 Butylbenzylphthalate
 Concen: 38.562 ng
 RT: 20.577 min Scan# 2999
 Delta R.T. -0.029 min
 Lab File: BP026197.D
 Acq: 01 Dec 2025 14:09



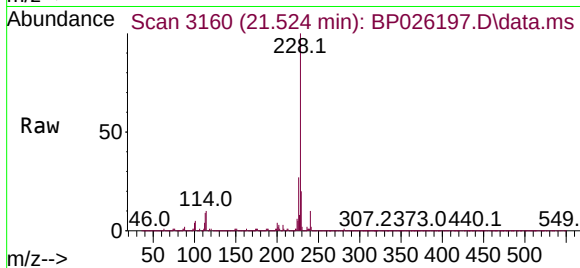
Tgt Ion:149 Resp: 1692248
 Ion Ratio Lower Upper
 149 100
 91 64.9 52.6 79.0
 206 22.0 16.9 25.3





#81
Benzo(a)anthracene
Concen: 38.955 ng
RT: 21.524 min Scan# 3160
Delta R.T. -0.029 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

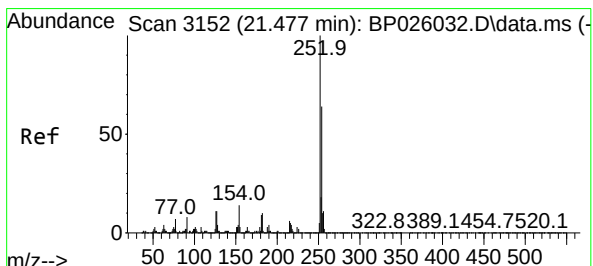
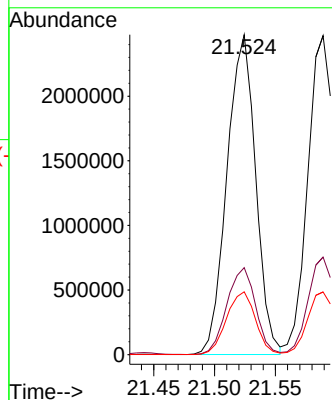
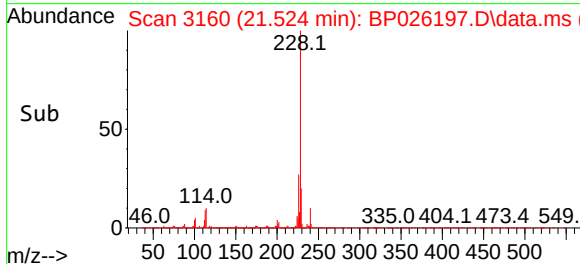
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:228 Resp: 4065927
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.8
229 19.6 15.9 23.9

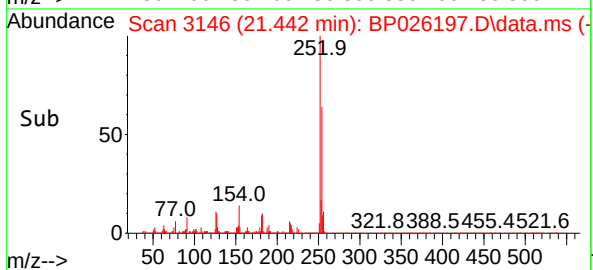
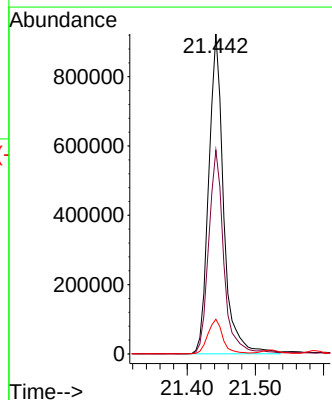
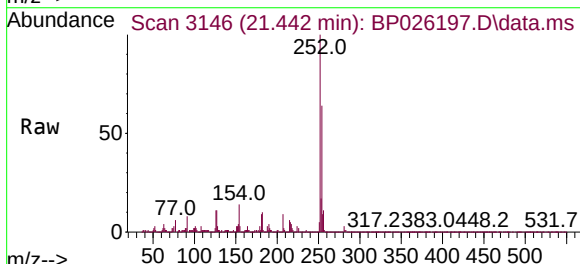
Manual Integrations
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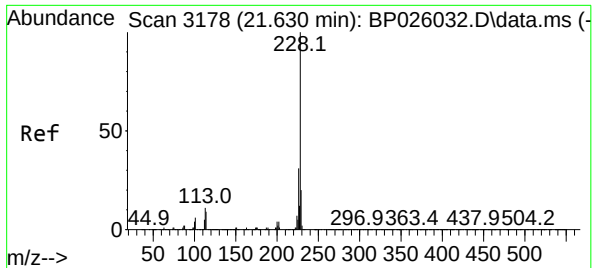
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#82
3,3'-Dichlorobenzidine
Concen: 37.038 ng
RT: 21.442 min Scan# 3146
Delta R.T. -0.047 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

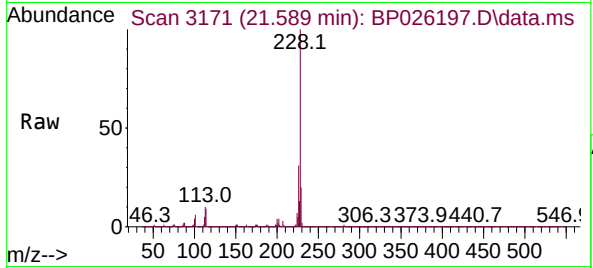
Tgt Ion:252 Resp: 1405839
Ion Ratio Lower Upper
252 100
254 63.7 51.2 76.8
126 10.8 8.2 12.4





#83
Chrysene
Concen: 39.444 ng
RT: 21.589 min Scan# 3171
Delta R.T. -0.029 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

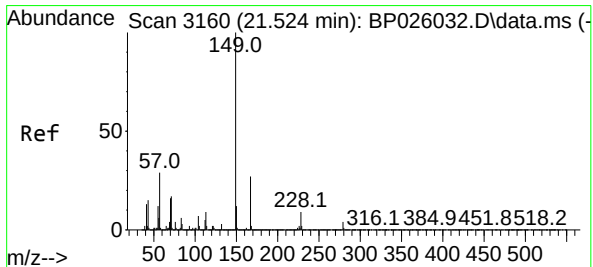
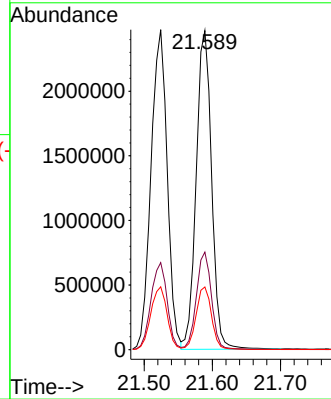
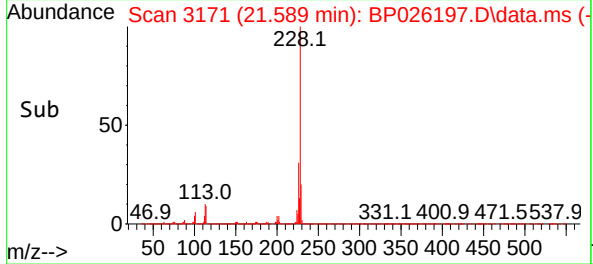
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



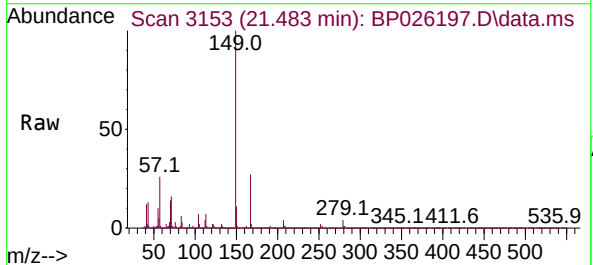
Tgt Ion:228 Resp: 3879974
Ion Ratio Lower Upper
228 100
226 30.6 23.9 35.9
229 19.6 15.9 23.9

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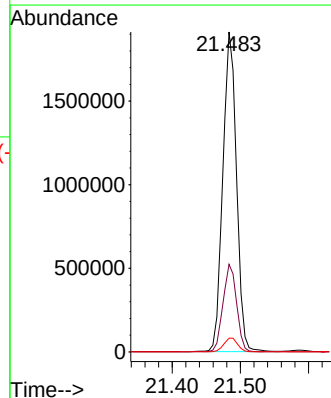
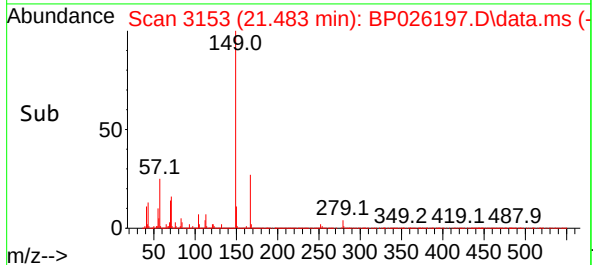
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

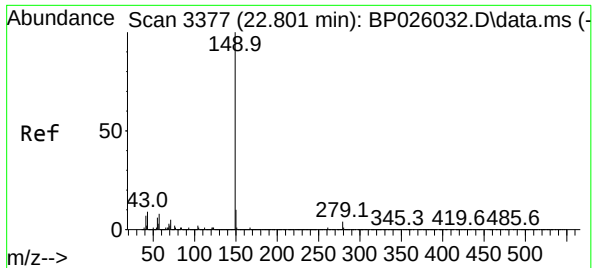


#84
Bis(2-ethylhexyl)phthalate
Concen: 39.815 ng
RT: 21.483 min Scan# 3153
Delta R.T. -0.035 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09



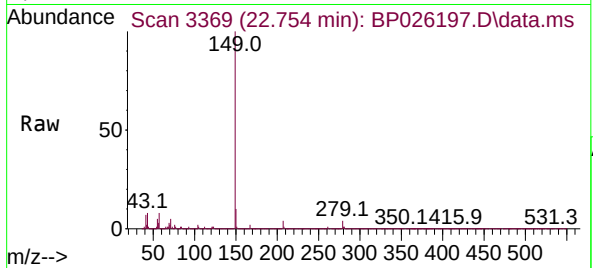
Tgt Ion:149 Resp: 2644895
Ion Ratio Lower Upper
149 100
167 27.4 22.1 33.1
279 4.3 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 38.545 ng
RT: 22.754 min Scan# 3377
Delta R.T. -0.053 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

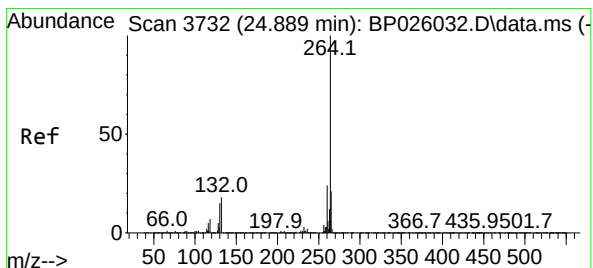
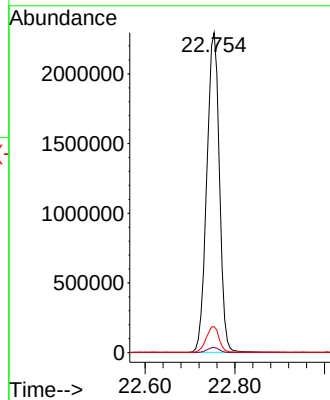
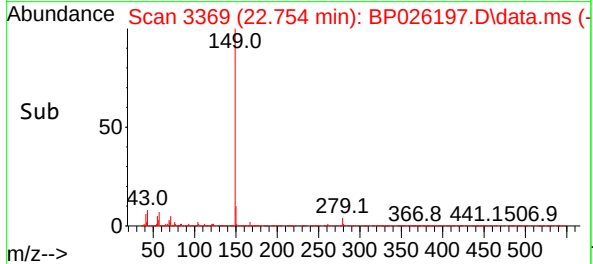
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:149 Resp: 4477261
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 8.1 6.6 10.0

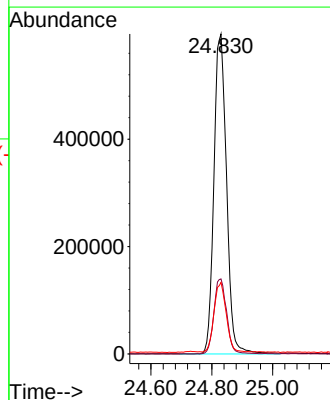
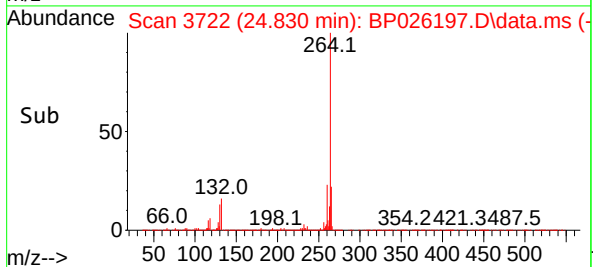
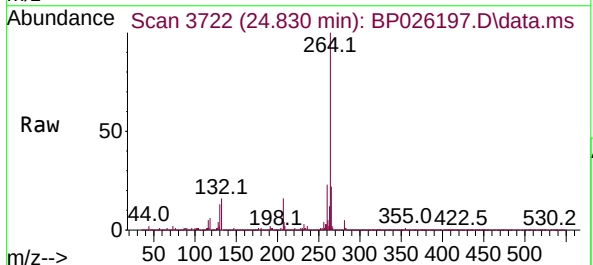
Manual Integrations
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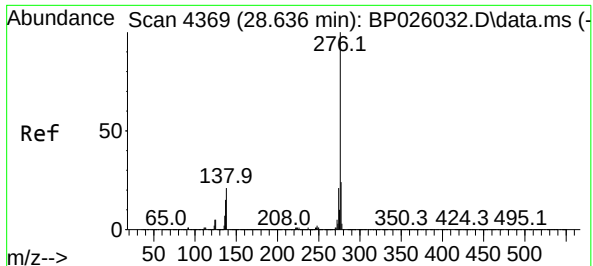
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.830 min Scan# 3722
Delta R.T. -0.076 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

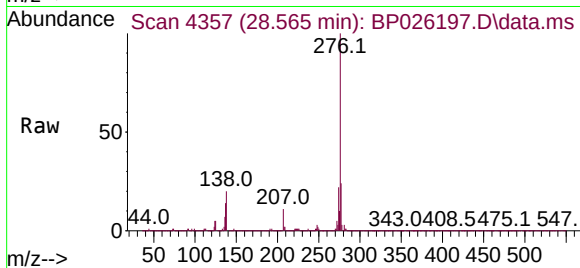
Tgt Ion:264 Resp: 1717381
Ion Ratio Lower Upper
264 100
260 23.4 18.7 28.1
265 22.4 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 40.690 ng m
RT: 28.565 min Scan# 4369
Delta R.T. -0.141 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

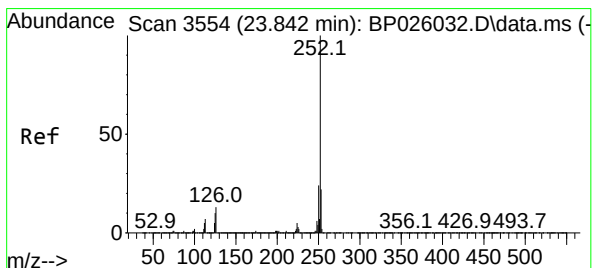
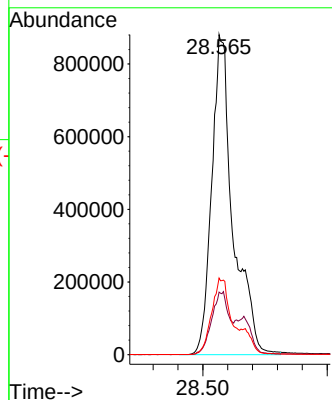
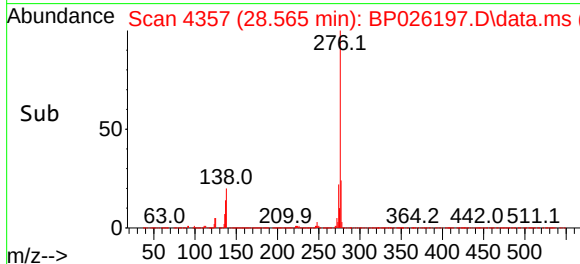
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 276 Resp: 5240782
Ion Ratio Lower Upper
276 100
138 16.2 13.8 20.8
277 21.0 16.7 25.1

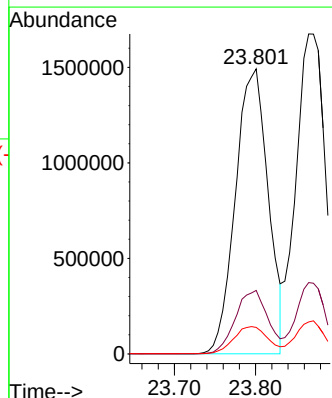
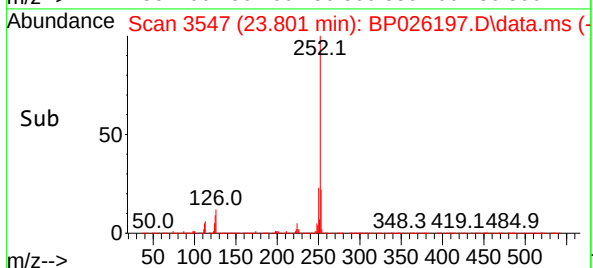
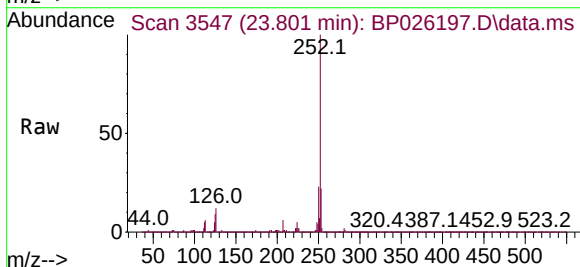
Manual Integrations
APPROVED

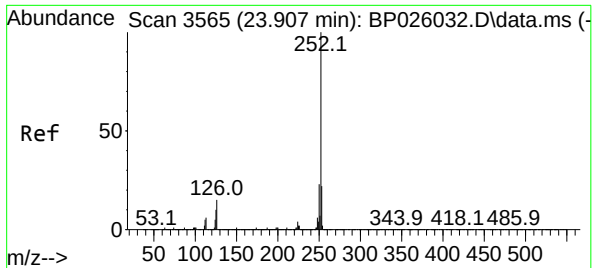
Reviewed By : Jagrut Upadhyay 12/02/2025
Supervised By : mohammad ahmed 12/03/2025



#88
Benzo(b)fluoranthene
Concen: 39.912 ng
RT: 23.801 min Scan# 3547
Delta R.T. -0.065 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion: 252 Resp: 4174278
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 9.3 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 41.434 ng

RT: 23.865 min Scan# 31

Delta R.T. -0.071 min

Lab File: BP026197.D

Acq: 01 Dec 2025 14:09

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 4328254

Ion Ratio Lower Upper

252 100

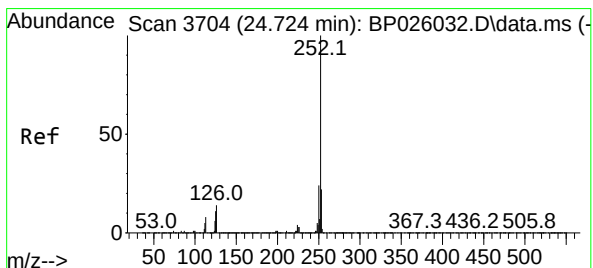
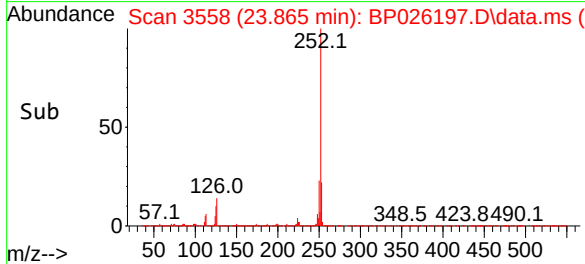
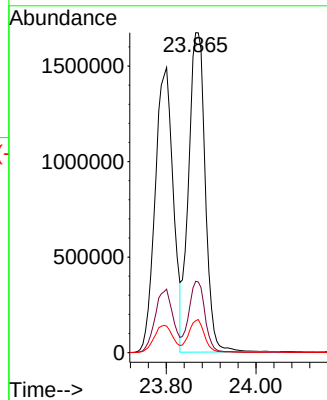
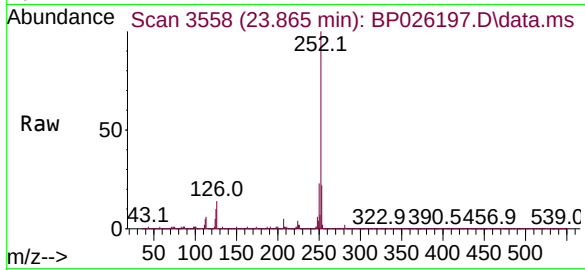
253 22.3 17.6 26.4

125 10.0 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
 Supervised By :mohammad ahmed 12/03/2025



#90

Benzo(a)pyrene

Concen: 40.517 ng

RT: 24.677 min Scan# 3696

Delta R.T. -0.076 min

Lab File: BP026197.D

Acq: 01 Dec 2025 14:09

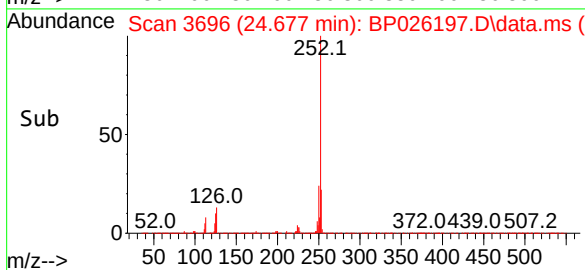
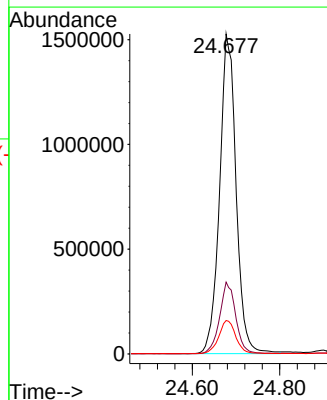
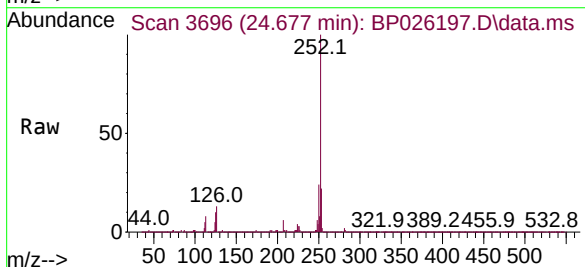
Tgt Ion:252 Resp: 4013897

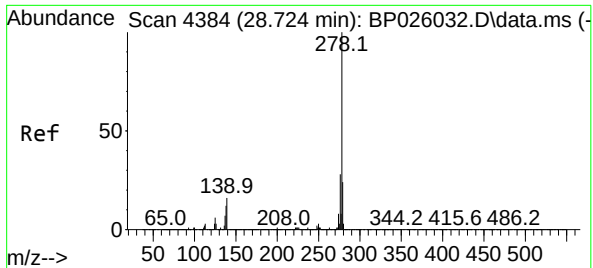
Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

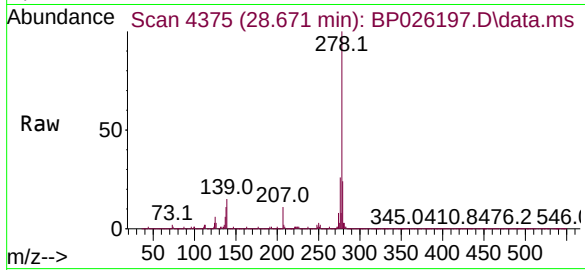
125 10.4 9.0 13.6





#91
Dibenzo(a,h)anthracene
Concen: 40.708 ng
RT: 28.671 min Scan# 4384
Delta R.T. -0.123 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

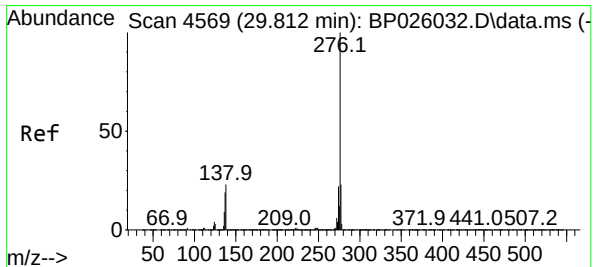
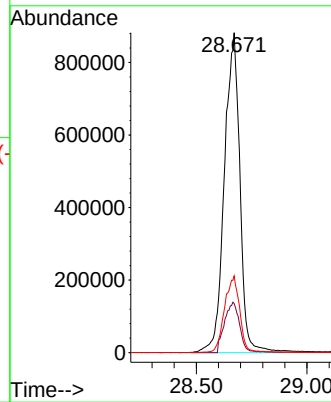
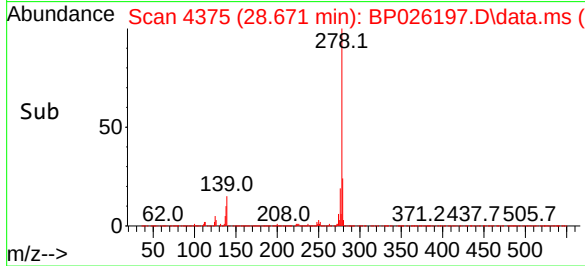
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 278 Resp: 4291973
Ion Ratio Lower Upper
278 100
139 15.3 13.2 19.8
279 24.0 19.2 28.8

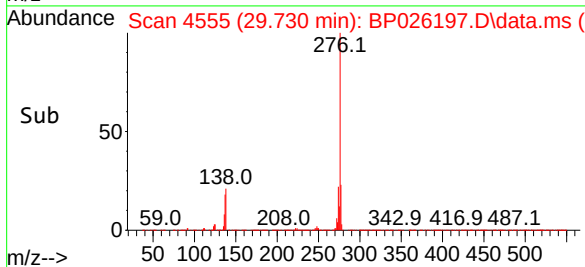
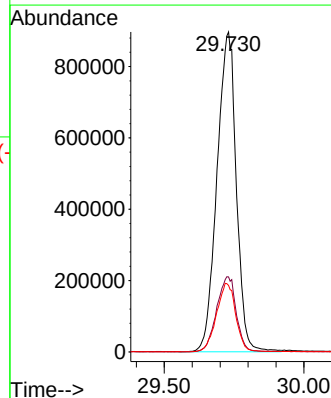
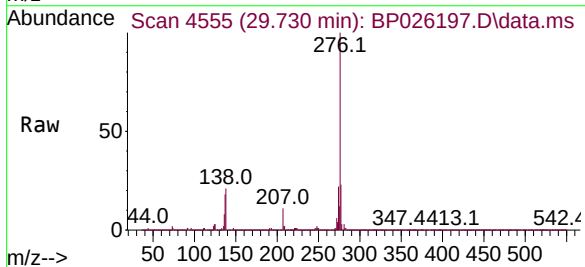
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#92
Benzo(g,h,i)perylene
Concen: 41.031 ng
RT: 29.730 min Scan# 4555
Delta R.T. -0.153 min
Lab File: BP026197.D
Acq: 01 Dec 2025 14:09

Tgt Ion: 276 Resp: 4299859
Ion Ratio Lower Upper
276 100
277 23.5 18.8 28.2
138 20.8 17.8 26.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120125\
 Data File : BP026197.D
 Acq On : 01 Dec 2025 14:09
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: Dec 01 14:29:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 01:25:31 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	80	-0.01
2	1,4-Dioxane	40.000	39.307	1.7	82	0.00
3	Pyridine	40.000	37.574	6.1	76	0.00
4	n-Nitrosodimethylamine	40.000	38.927	2.7	79	0.00
5 S	2-Fluorophenol	80.000	75.953	5.1	76	0.00
6	Aniline	40.000	37.122	7.2	74	0.00
7 S	Phenol-d6	80.000	75.446	5.7	74	-0.01
8	2-Chlorophenol	40.000	38.956	2.6	78	0.00
9	Benzaldehyde	40.000	40.603	-1.5	74	0.00
10 C	Phenol	40.000	37.721	5.7	74	0.00
11	bis(2-Chloroethyl)ether	40.000	39.229	1.9	78	0.00
12	1,3-Dichlorobenzene	40.000	40.046	-0.1	81	-0.01
13 C	1,4-Dichlorobenzene	40.000	39.932	0.2	80	0.00
14	1,2-Dichlorobenzene	40.000	39.835	0.4	80	0.00
15	Benzyl Alcohol	40.000	37.411	6.5	74	-0.01
16	2,2'-oxybis(1-Chloropropane	40.000	40.007	-0.0	79	-0.02
17	2-Methylphenol	40.000	38.169	4.6	75	-0.02
18	Hexachloroethane	40.000	40.893	-2.2	82	-0.01
19 P	n-Nitroso-di-n-propylamine	40.000	38.692	3.3	75	-0.01
20	3+4-Methylphenols	40.000	37.100	7.2	74	-0.02
21 I	Naphthalene-d8	20.000	20.000	0.0	77	-0.02
22	Acetophenone	40.000	39.353	1.6	76	-0.01
23 S	Nitrobenzene-d5	80.000	80.010	-0.0	76	-0.01
24	Nitrobenzene	40.000	39.935	0.2	76	-0.01
25	Isophorone	40.000	39.144	2.1	74	-0.02
26 C	2-Nitrophenol	40.000	38.860	2.9	71	-0.02
27	2,4-Dimethylphenol	40.000	35.586	11.0	68	-0.02
28	bis(2-Chloroethoxy)methane	40.000	39.003	2.5	75	-0.02
29 C	2,4-Dichlorophenol	40.000	39.761	0.6	75	-0.02
30	1,2,4-Trichlorobenzene	40.000	40.785	-2.0	79	-0.02
31	Naphthalene	40.000	39.984	0.0	78	-0.02
32	Benzoic acid	40.000	31.513	21.2	60	-0.02
33	4-Chloroaniline	40.000	37.586	6.0	70	-0.02
34 C	Hexachlorobutadiene	40.000	42.211	-5.5	81	-0.03
35	Caprolactam	40.000	35.968	10.1	69	-0.02
36 C	4-Chloro-3-methylphenol	40.000	38.646	3.4	73	-0.02
37	2-Methylnaphthalene	40.000	39.806	0.5	76	-0.02
38	1-Methylnaphthalene	40.000	40.113	-0.3	76	-0.02
39 I	Acenaphthene-d10	20.000	20.000	0.0	73	-0.04
40	1,2,4,5-Tetrachlorobenzene	40.000	41.981	-5.0	78	-0.02
41 P	Hexachlorocyclopentadiene	40.000	36.162	9.6	66	-0.02
42 S	2,4,6-Tribromophenol	80.000	80.486	-0.6	72	-0.02
43 C	2,4,6-Trichlorophenol	40.000	40.708	-1.8	74	-0.02
44	2,4,5-Trichlorophenol	40.000	40.301	-0.8	73	-0.02
45 S	2-Fluorobiphenyl	80.000	82.928	-3.7	78	-0.03
46	1,1'-Biphenyl	40.000	40.138	-0.3	74	-0.02
47	2-Chloronaphthalene	40.000	39.951	0.1	74	-0.03

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120125\
 Data File : BP026197.D
 Acq On : 01 Dec 2025 14:09
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: Dec 01 14:29:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 01:25:31 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	38.340	4.1	68	-0.02
49	Acenaphthylene	40.000	40.630	-1.6	75	-0.02
50	Dimethylphthalate	40.000	40.065	-0.2	73	-0.02
51	2,6-Dinitrotoluene	40.000	40.122	-0.3	69	-0.03
52 C	Acenaphthene	40.000	40.046	-0.1	74	-0.03
53	3-Nitroaniline	40.000	37.525	6.2	66	-0.03
54 P	2,4-Dinitrophenol	40.000	35.829	10.4	63	-0.03
55	Dibenzofuran	40.000	40.337	-0.8	74	-0.03
56 P	4-Nitrophenol	40.000	33.659	15.9	62	-0.03
57	2,4-Dinitrotoluene	40.000	40.215	-0.5	70	-0.04
58	Fluorene	40.000	40.781	-2.0	76	-0.03
59	2,3,4,6-Tetrachlorophenol	40.000	38.817	3.0	70	-0.04
60	Diethylphthalate	40.000	39.567	1.1	72	-0.03
61	4-Chlorophenyl-phenylether	40.000	41.010	-2.5	76	-0.03
62	4-Nitroaniline	40.000	36.247	9.4	66	-0.03
63	Azobenzene	40.000	40.005	-0.0	72	-0.03
64 I	Phenanthrene-d10	20.000	20.000	0.0	72	-0.03
65	4,6-Dinitro-2-methylphenol	40.000	37.868	5.3	65	-0.03
66 c	n-Nitrosodiphenylamine	40.000	39.978	0.1	71	-0.03
67	4-Bromophenyl-phenylether	40.000	41.378	-3.4	72	-0.04
68	Hexachlorobenzene	40.000	41.347	-3.4	72	-0.03
69	Atrazine	40.000	39.679	0.8	70	-0.04
70 C	Pentachlorophenol	40.000	39.836	0.4	70	-0.04
71	Phenanthrene	40.000	40.786	-2.0	74	-0.03
72	Anthracene	40.000	39.871	0.3	70	-0.04
73	Carbazole	40.000	39.365	1.6	70	-0.03
74	Di-n-butylphthalate	40.000	40.966	-2.4	70	-0.04
75 C	Fluoranthene	40.000	40.112	-0.3	72	-0.03
76 I	Chrysene-d12	20.000	20.000	0.0	76	-0.03
77	Benzidine	40.000	36.460	8.8	71	-0.04
78	Pyrene	40.000	39.292	1.8	74	-0.03
79 S	Terphenyl-d14	80.000	81.101	-1.4	76	-0.04
80	Butylbenzylphthalate	40.000	38.562	3.6	70	-0.03
81	Benzo(a)anthracene	40.000	38.955	2.6	74	-0.03
82	3,3'-Dichlorobenzidine	40.000	37.038	7.4	70	-0.05
83	Chrysene	40.000	39.444	1.4	76	-0.03
84	Bis(2-ethylhexyl)phthalate	40.000	39.815	0.5	71	-0.04
85 c	Di-n-octyl phthalate	40.000	38.545	3.6	71	-0.05
86 I	Perylene-d12	20.000	20.000	0.0	77	-0.08
87	Indeno(1,2,3-cd)pyrene	40.000	40.690	-1.7	77	-0.14
88	Benzo(b)fluoranthene	40.000	39.912	0.2	75	-0.06
89	Benzo(k)fluoranthene	40.000	41.434	-3.6	79	-0.07
90 C	Benzo(a)pyrene	40.000	40.517	-1.3	77	-0.08
91	Dibenzo(a,h)anthracene	40.000	40.708	-1.8	77	-0.12
92	Benzo(g,h,i)perylene	40.000	41.031	-2.6	78	-0.15

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120125\
Data File : BP026197.D
Acq On : 01 Dec 2025 14:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Dec 01 14:29:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120125\
 Data File : BP026197.D
 Acq On : 01 Dec 2025 14:09
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: Dec 01 14:29:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 01:25:31 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	80	-0.01
2	1,4-Dioxane	0.505	0.497	1.6	82	0.00
3	Pyridine	1.461	1.372	6.1	76	0.00
4	n-Nitrosodimethylamine	0.546	0.531	2.7	79	0.00
5 S	2-Fluorophenol	1.246	1.183	5.1	76	0.00
6	Aniline	2.094	1.944	7.2	74	0.00
7 S	Phenol-d6	1.586	1.496	5.7	74	-0.01
8	2-Chlorophenol	1.418	1.381	2.6	78	0.00
9	Benzaldehyde	0.831	0.844	-1.6	74	0.00
10 C	Phenol	1.709	1.612	5.7	74	0.00
11	bis(2-Chloroethyl)ether	1.338	1.312	1.9	78	0.00
12	1,3-Dichlorobenzene	1.528	1.530	-0.1	81	-0.01
13 C	1,4-Dichlorobenzene	1.540	1.537	0.2	80	0.00
14	1,2-Dichlorobenzene	1.479	1.472	0.5	80	0.00
15	Benzyl Alcohol	1.162	1.087	6.5	74	-0.01
16	2,2'-oxybis(1-Chloropropane	1.879	1.879	0.0	79	-0.02
17	2-Methylphenol	1.163	1.110	4.6	75	-0.02
18	Hexachloroethane	0.560	0.573	-2.3	82	-0.01
19 P	n-Nitroso-di-n-propylamine	0.985	0.953	3.2	75	-0.01
20	3+4-Methylphenols	1.612	1.495	7.3	74	-0.02
21 I	Naphthalene-d8	1.000	1.000	0.0	77	-0.02
22	Acetophenone	0.508	0.500	1.6	76	-0.01
23 S	Nitrobenzene-d5	0.352	0.352	0.0	76	-0.01
24	Nitrobenzene	0.356	0.356	0.0	76	-0.01
25	Isophorone	0.698	0.683	2.1	74	-0.02
26 C	2-Nitrophenol	0.180	0.175	2.8	71	-0.02
27	2,4-Dimethylphenol	0.325	0.289	11.1	68	-0.02
28	bis(2-Chloroethoxy)methane	0.437	0.426	2.5	75	-0.02
29 C	2,4-Dichlorophenol	0.325	0.323	0.6	75	-0.02
30	1,2,4-Trichlorobenzene	0.331	0.337	-1.8	79	-0.02
31	Naphthalene	1.081	1.080	0.1	78	-0.02
32	Benzoic acid	0.274	0.216	21.2	60	-0.02
33	4-Chloroaniline	0.460	0.432	6.1	70	-0.02
34 C	Hexachlorobutadiene	0.215	0.227	-5.6	81	-0.03
35	Caprolactam	0.116	0.105	9.5	69	-0.02
36 C	4-Chloro-3-methylphenol	0.345	0.334	3.2	73	-0.02
37	2-Methylnaphthalene	0.766	0.763	0.4	76	-0.02
38	1-Methylnaphthalene	0.749	0.751	-0.3	76	-0.02
39 I	Acenaphthene-d10	1.000	1.000	0.0	73	-0.04
40	1,2,4,5-Tetrachlorobenzene	0.605	0.635	-5.0	78	-0.02
41 P	Hexachlorocyclopentadiene	0.396	0.358	9.6	66	-0.02
42 S	2,4,6-Tribromophenol	0.259	0.261	-0.8	72	-0.02
43 C	2,4,6-Trichlorophenol	0.415	0.422	-1.7	74	-0.02
44	2,4,5-Trichlorophenol	0.463	0.466	-0.6	73	-0.02
45 S	2-Fluorobiphenyl	1.365	1.415	-3.7	78	-0.03
46	1,1'-Biphenyl	1.506	1.511	-0.3	74	-0.02
47	2-Chloronaphthalene	1.184	1.183	0.1	74	-0.03

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120125\
 Data File : BP026197.D
 Acq On : 01 Dec 2025 14:09
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: Dec 01 14:29:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 01:25:31 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	0.329	0.316	4.0	68	-0.02
49	Acenaphthylene	1.953	1.984	-1.6	75	-0.02
50	Dimethylphthalate	1.494	1.496	-0.1	73	-0.02
51	2,6-Dinitrotoluene	0.296	0.297	-0.3	69	-0.03
52 C	Acenaphthene	1.145	1.146	-0.1	74	-0.03
53	3-Nitroaniline	0.349	0.327	6.3	66	-0.03
54 P	2,4-Dinitrophenol	0.179	0.160	10.6	63	-0.03
55	Dibenzofuran	1.773	1.788	-0.8	74	-0.03
56 P	4-Nitrophenol	0.315	0.265	15.9	62	-0.03
57	2,4-Dinitrotoluene	0.442	0.444	-0.5	70	-0.04
58	Fluorene	1.401	1.429	-2.0	76	-0.03
59	2,3,4,6-Tetrachlorophenol	0.393	0.381	3.1	70	-0.04
60	Diethylphthalate	1.505	1.488	1.1	72	-0.03
61	4-Chlorophenyl-phenylether	0.697	0.715	-2.6	76	-0.03
62	4-Nitroaniline	0.362	0.328	9.4	66	-0.03
63	Azobenzene	1.269	1.269	0.0	72	-0.03
64 I	Phenanthrene-d10	1.000	1.000	0.0	72	-0.03
65	4,6-Dinitro-2-methylphenol	0.127	0.120	5.5	65	-0.03
66 c	n-Nitrosodiphenylamine	0.619	0.618	0.2	71	-0.03
67	4-Bromophenyl-phenylether	0.221	0.229	-3.6	72	-0.04
68	Hexachlorobenzene	0.257	0.266	-3.5	72	-0.03
69	Atrazine	0.233	0.231	0.9	70	-0.04
70 C	Pentachlorophenol	0.180	0.179	0.6	70	-0.04
71	Phenanthrene	1.127	1.149	-2.0	74	-0.03
72	Anthracene	1.149	1.145	0.3	70	-0.04
73	Carbazole	1.091	1.074	1.6	70	-0.03
74	Di-n-butylphthalate	1.294	1.325	-2.4	70	-0.04
75 C	Fluoranthene	1.369	1.373	-0.3	72	-0.03
76 I	Chrysene-d12	1.000	1.000	0.0	76	-0.03
77	Benzydine	0.635	0.579	8.8	71	-0.04
78	Pyrene	1.311	1.288	1.8	74	-0.03
79 S	Terphenyl-d14	0.981	0.994	-1.3	76	-0.04
80	Butylbenzylphthalate	0.578	0.557	3.6	70	-0.03
81	Benzo(a)anthracene	1.374	1.338	2.6	74	-0.03
82	3,3'-Dichlorobenzidine	0.500	0.463	7.4	70	-0.05
83	Chrysene	1.295	1.277	1.4	76	-0.03
84	Bis(2-ethylhexyl)phthalate	0.874	0.870	0.5	71	-0.04
85 c	Di-n-octyl phthalate	1.529	1.473	3.7	71	-0.05
86 I	Perylene-d12	1.000	1.000	0.0	77	-0.08
87	Indeno(1,2,3-cd)pyrene	1.500	1.526	-1.7	77	-0.14
88	Benzo(b)fluoranthene	1.218	1.215	0.2	75	-0.06
89	Benzo(k)fluoranthene	1.217	1.260	-3.5	79	-0.07
90 C	Benzo(a)pyrene	1.154	1.169	-1.3	77	-0.08
91	Dibenzo(a,h)anthracene	1.228	1.250	-1.8	77	-0.12
92	Benzo(g,h,i)perylene	1.220	1.252	-2.6	78	-0.15

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120125\
Data File : BP026197.D
Acq On : 01 Dec 2025 14:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Dec 01 14:29:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 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



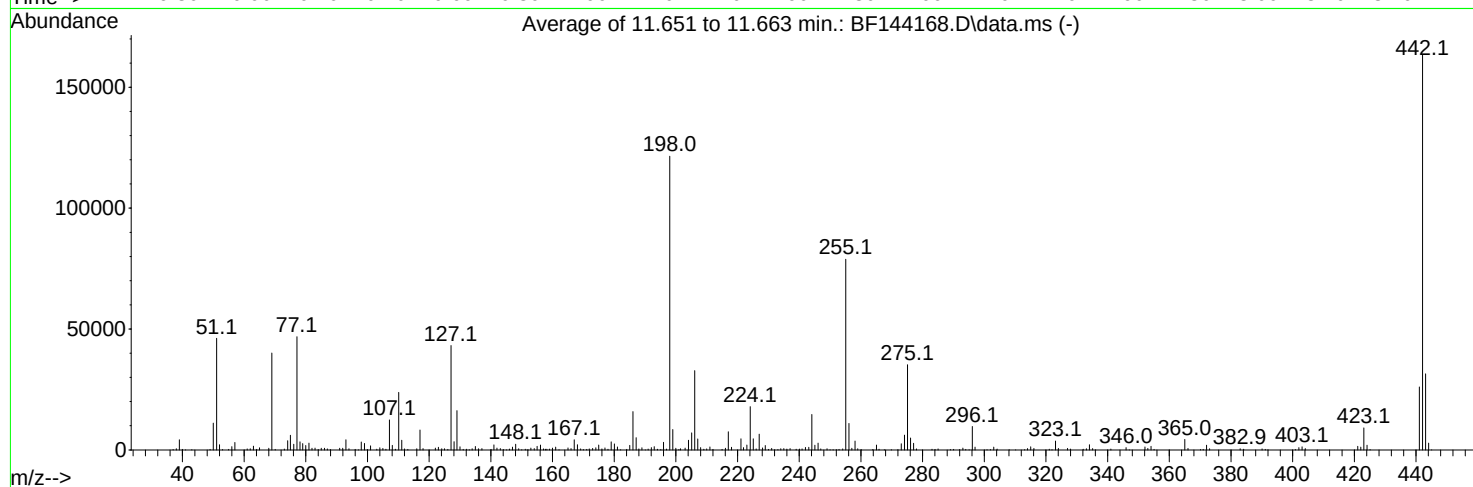
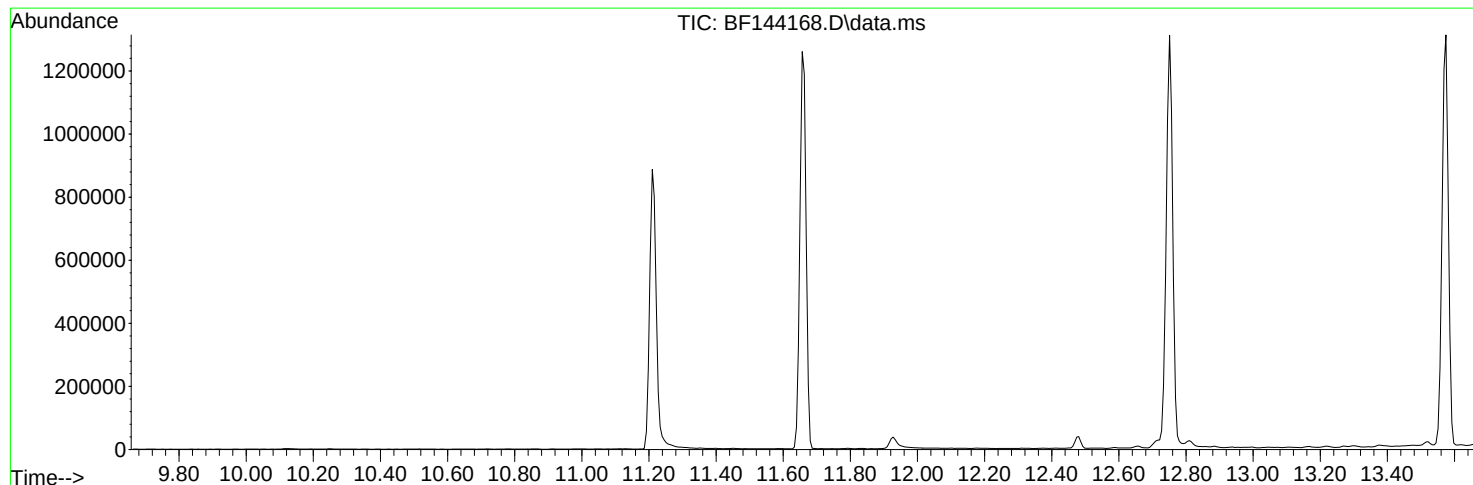
QC SAMPLE DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144168.D
Acq On : 05 Nov 2025 12:21
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-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Nov 05 18:37:33 2025



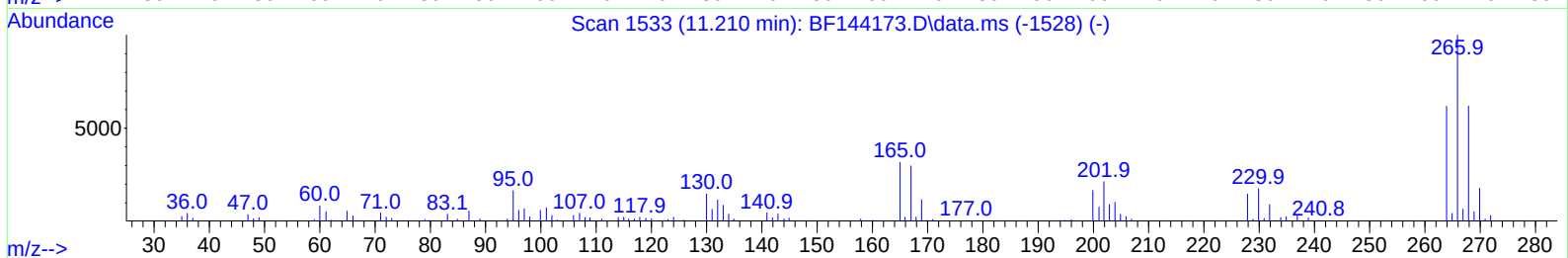
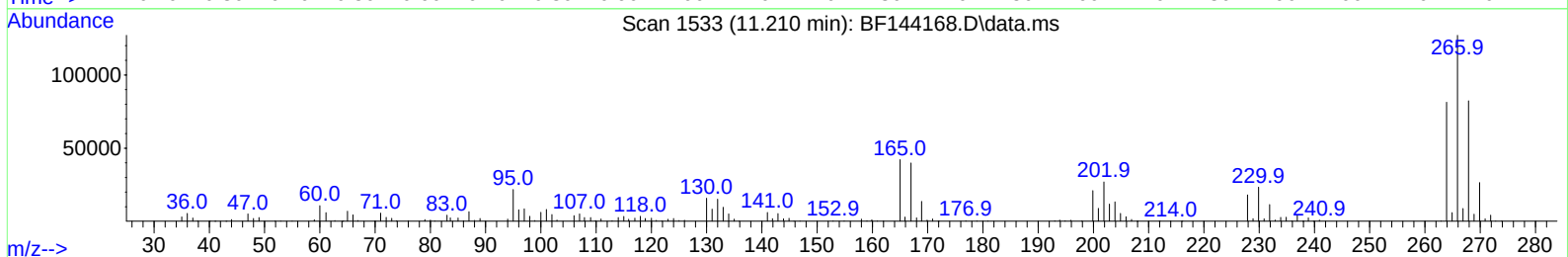
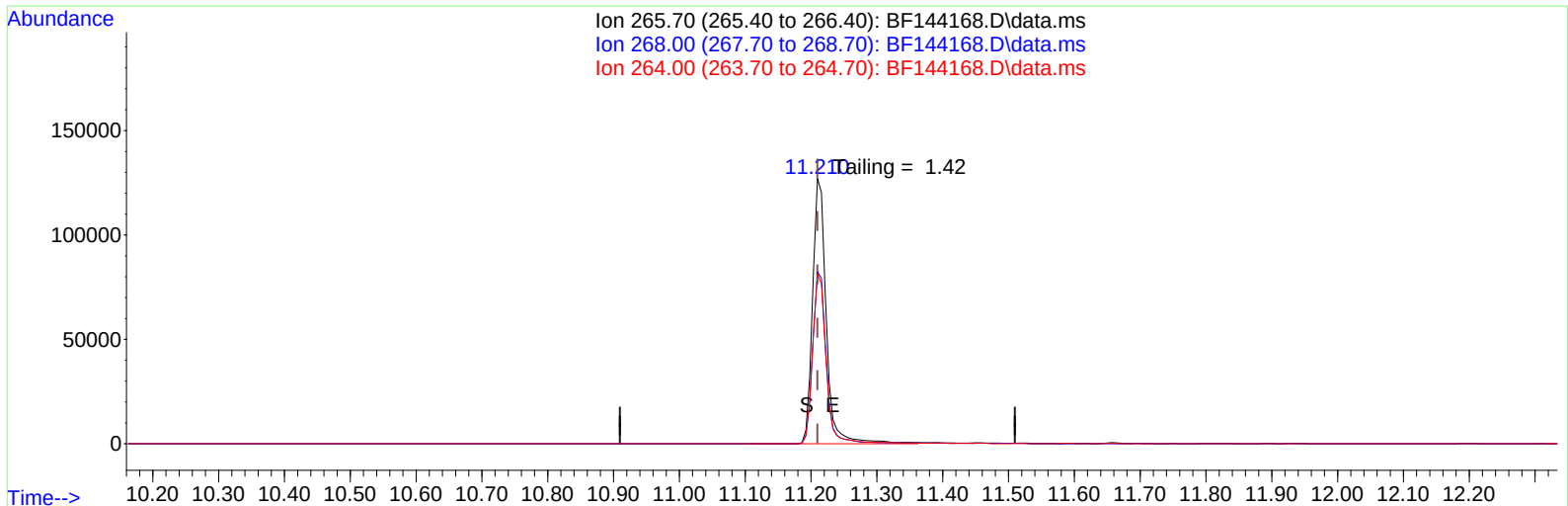
AutoFind: Scans 1608, 1609, 1610; Background Corrected with Scan 1602

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
68	69	0.00	2	1.8	709	PASS
69	69	100	100	100.0	40048	PASS
70	69	0.00	2	0.6	222	PASS
197	198	0.00	2	0.3	378	PASS
198	198	100	100	100.0	121493	PASS
199	198	5	9	6.9	8441	PASS
365	198	1	100	3.6	4315	PASS
441	443	0.01	150	82.6	26027	PASS
442	442	100	100	100.0	163299	PASS
443	442	15	24	19.3	31501	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144168.D
Acq On : 05 Nov 2025 12:21
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Nov 05 15:24:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 15:17:46 2025
Response via : Initial Calibration



TIC: BF144168.D\data.ms

(70) Pentachlorophenol (C)

11.210min (-0.000) 39632.00 ng

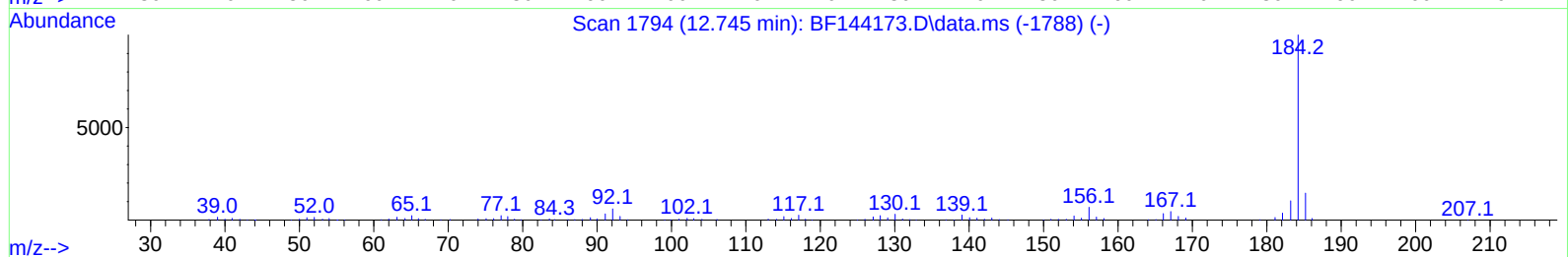
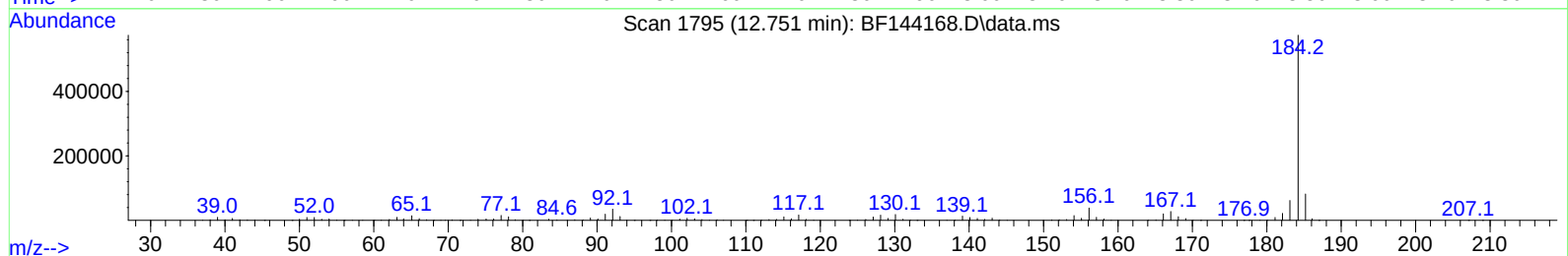
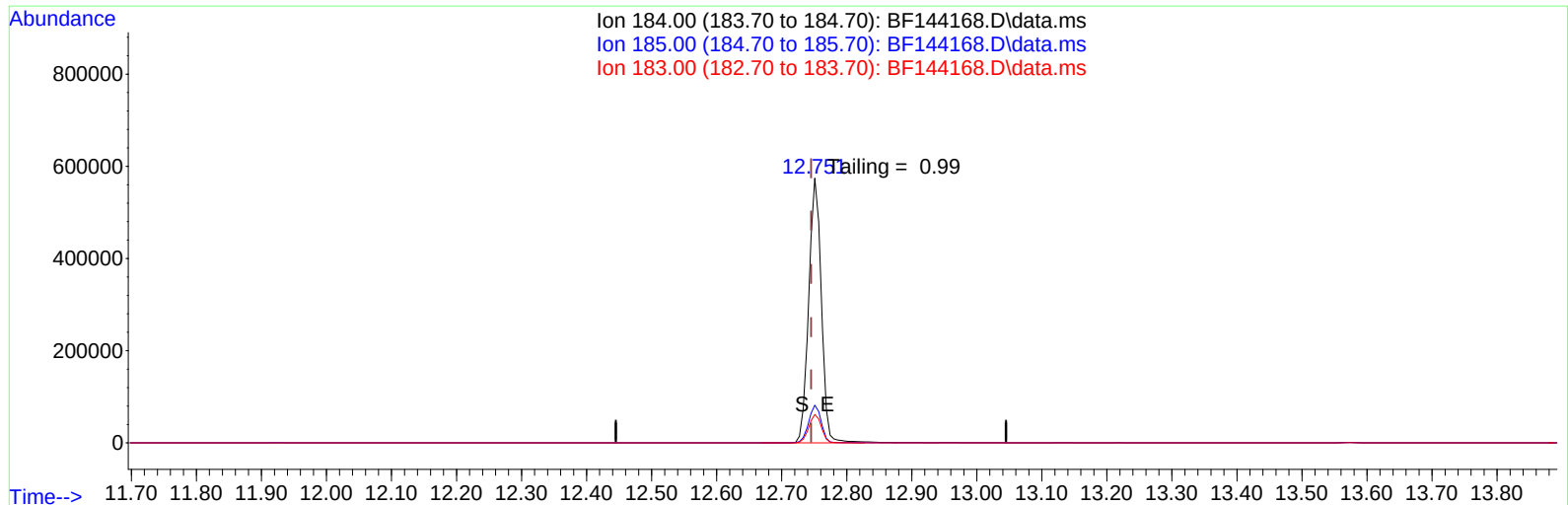
response 182948

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	61.90	64.79
264.00	61.80	64.01
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144168.D
Acq On : 05 Nov 2025 12:21
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Nov 05 15:24:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 15:17:46 2025
Response via : Initial Calibration



TIC: BF144168.D\data.ms

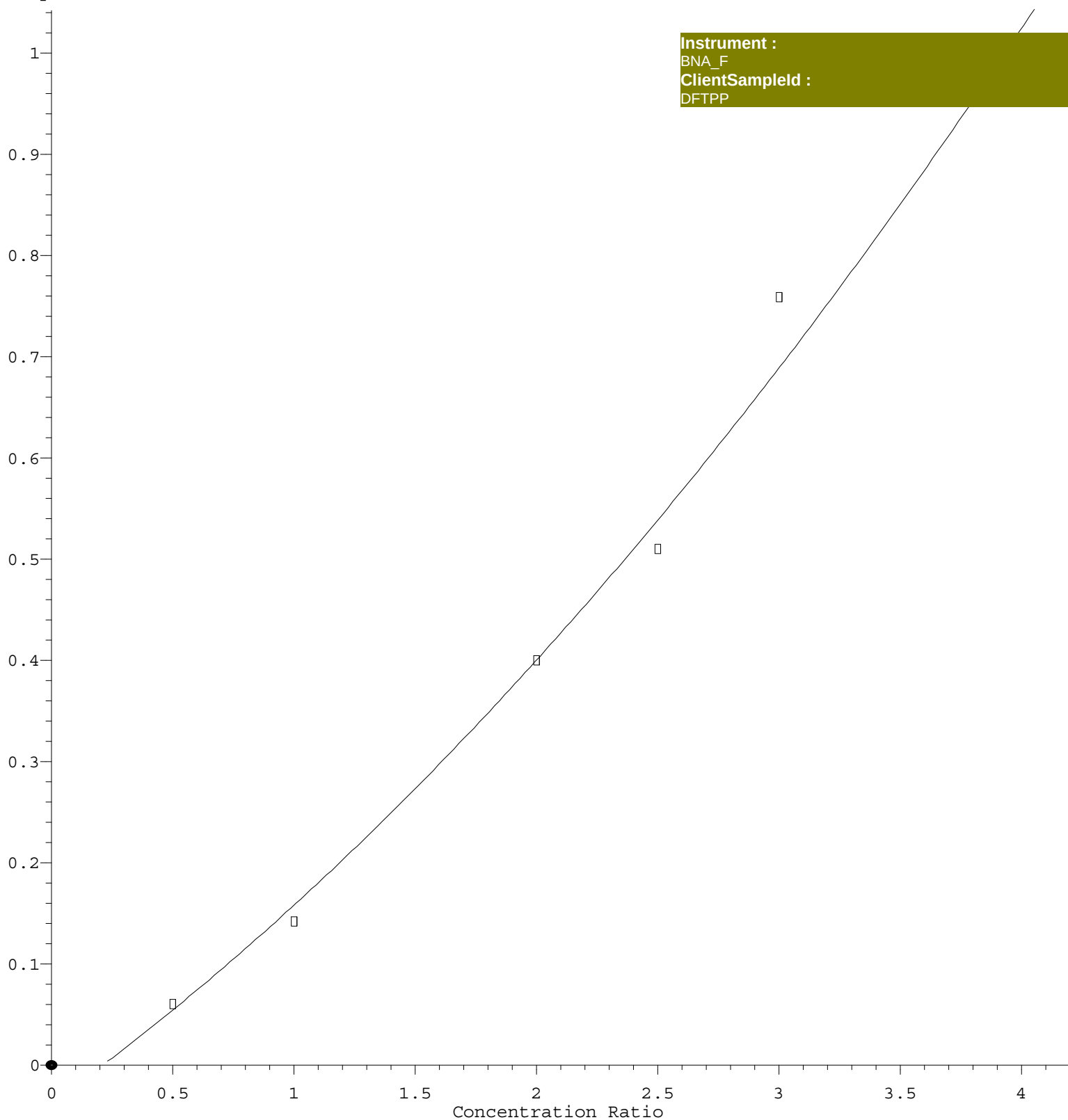
(77) Benzidine

12.751min (+ 0.006) 0.00 ng

response 777212

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.60	14.24
183.00	10.40	10.75
0.00	0.00	0.00

Response Ratio



Instrument :
BNA_F
ClientSampleId :
DFTPP

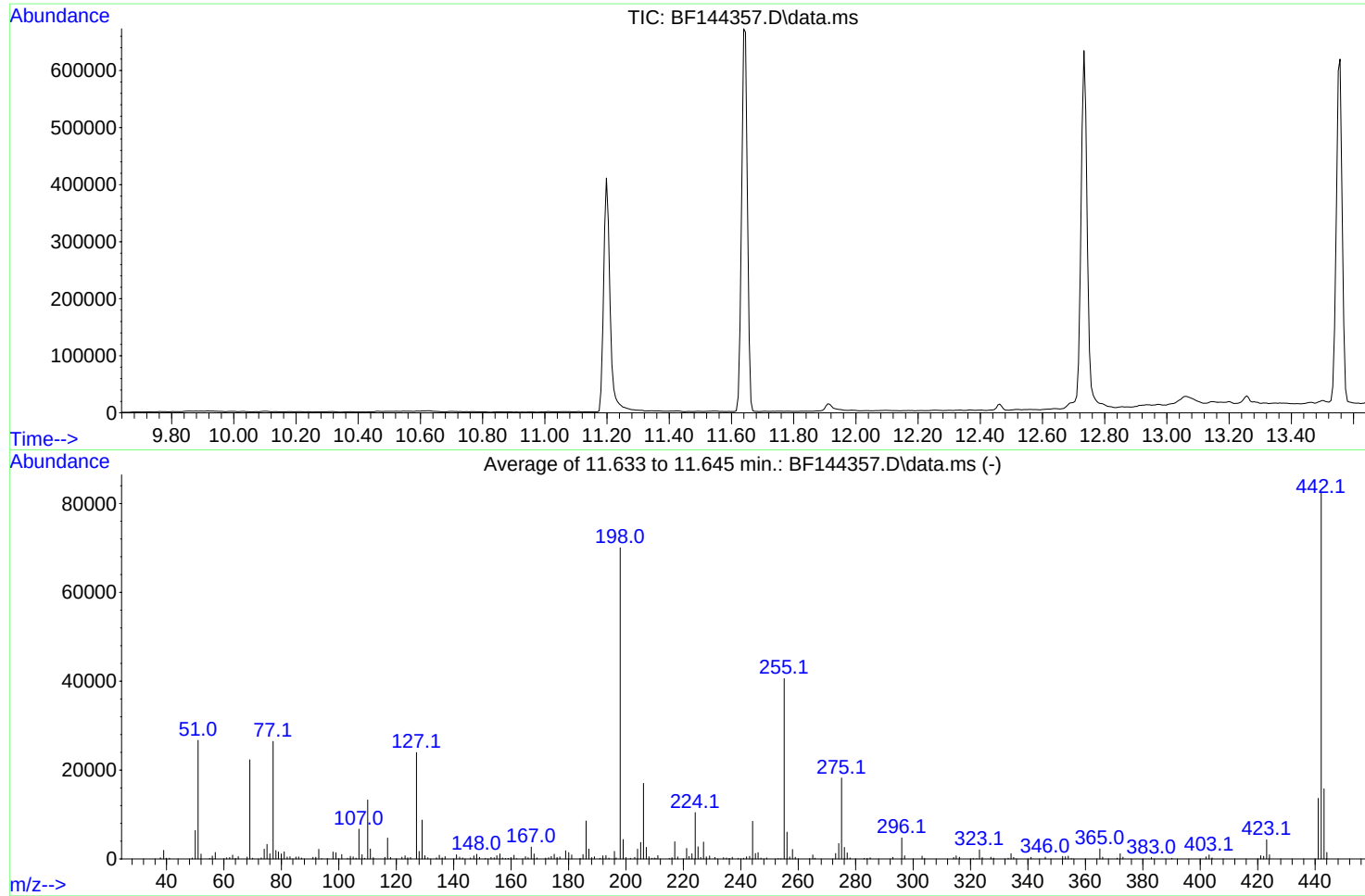
$R = 2.331e-002 A^2 + 1.722e-001 A - 3.751e-002$
Coef of Det (r^2) = 0.992660 Curve Fit: Quadratic w(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF110525.M
Calibration Table Last Updated: Wed Nov 05 18:37:33 2025

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144357.D
Acq On : 26 Nov 2025 13:00
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-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Nov 05 18:37:33 2025



AutoFind: Scans 1605, 1606, 1607; Background Corrected with Scan 1599

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.9	434	PASS
69	69	100	100	100.0	22312	PASS
70	69	0.00	2	0.8	175	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	70035	PASS
199	198	5	9	6.2	4374	PASS
365	198	1	100	3.2	2260	PASS
441	443	0.01	150	86.5	13647	PASS
442	442	100	100	100.0	82341	PASS
443	442	15	24	19.2	15775	PASS

DDT Breakdown

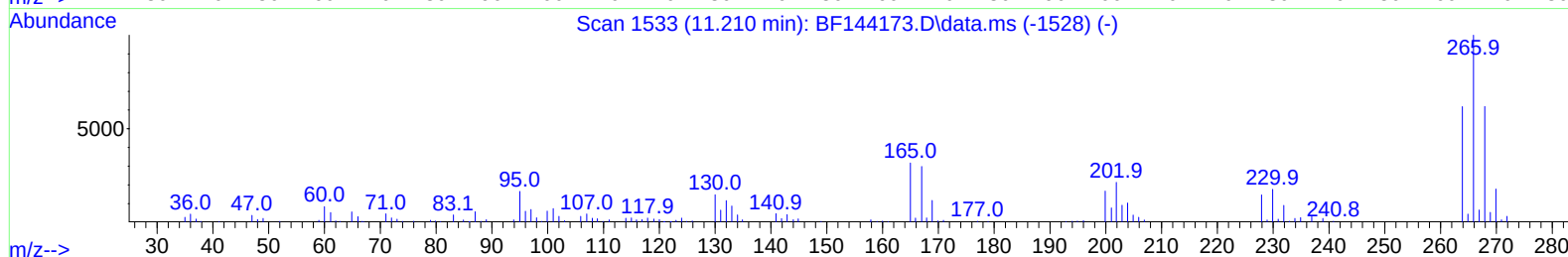
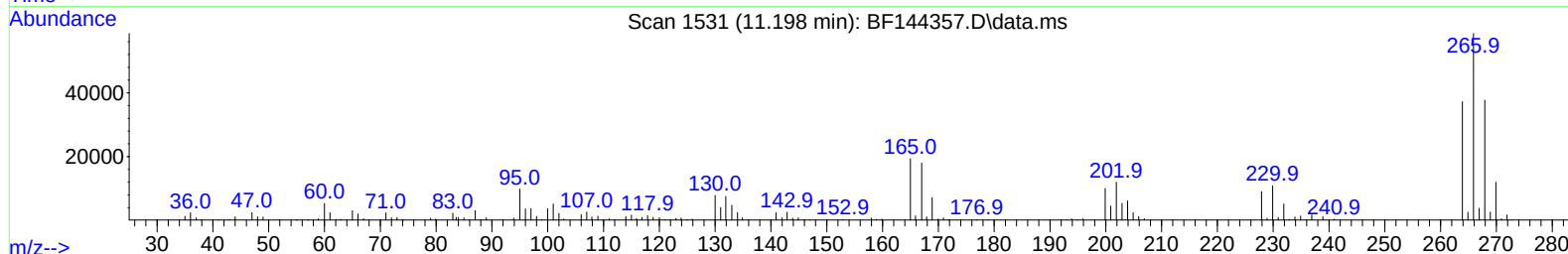
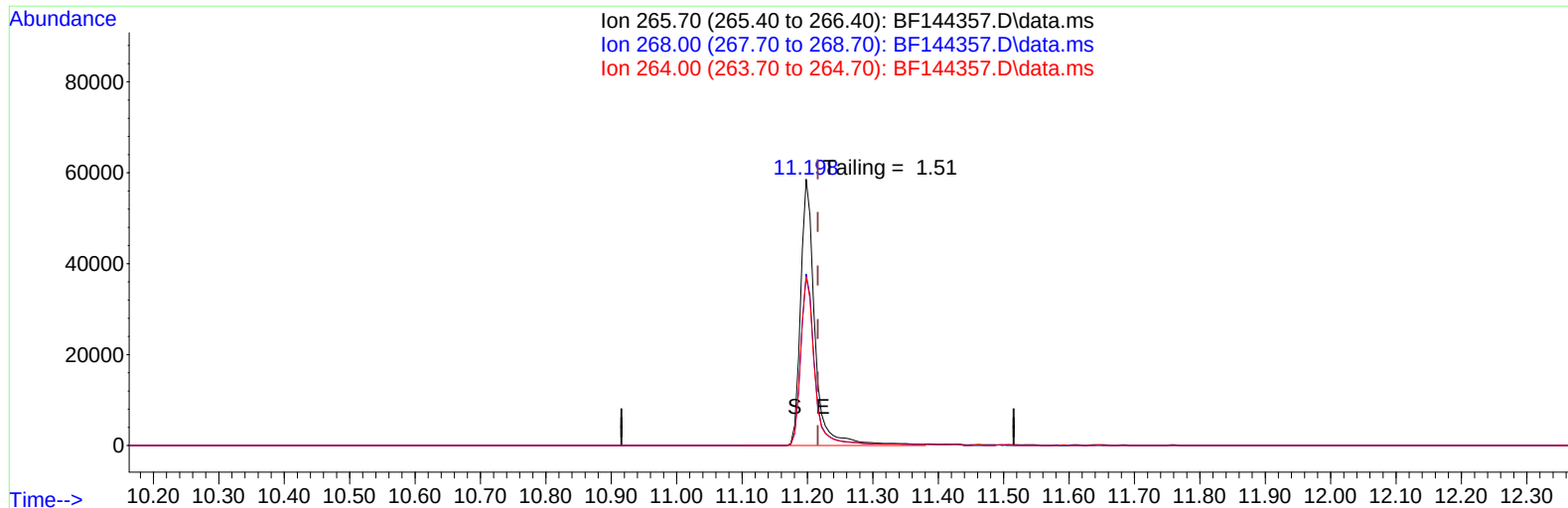
Date	Instrument Name	DFTPP Data File
11/26/2025	BNA_F	<u>BF144357.D</u>
Compound Name	Response	Retention Time
DDT	170867	13.557
DDD	5037	13.257
DDE	501	12.916
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
5538	176405	3.14

Instrument :
BNA_F
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144357.D
Acq On : 26 Nov 2025 13:00
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Nov 26 13:20:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration



TIC: BF144357.D\data.ms

(70) Pentachlorophenol (C)

11.198min (-0.018) 39088.69 ng

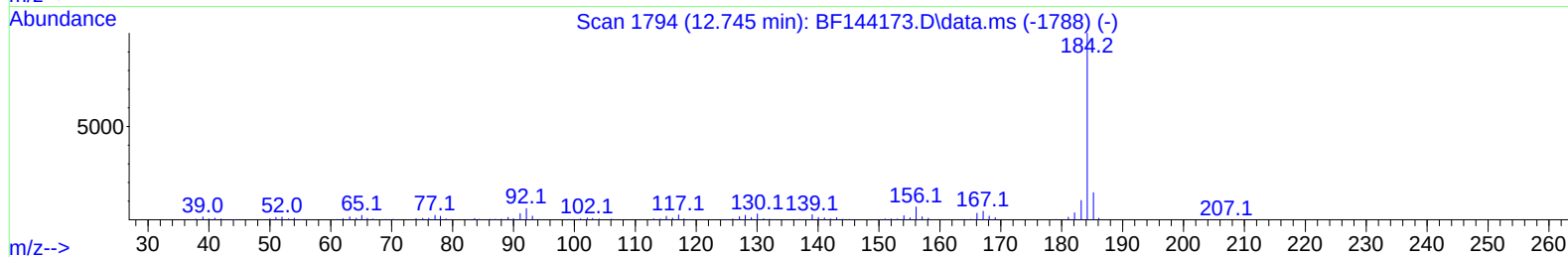
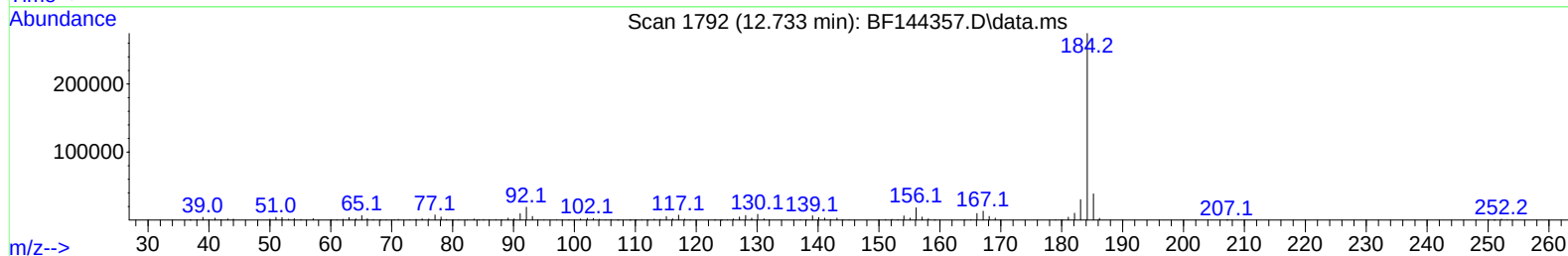
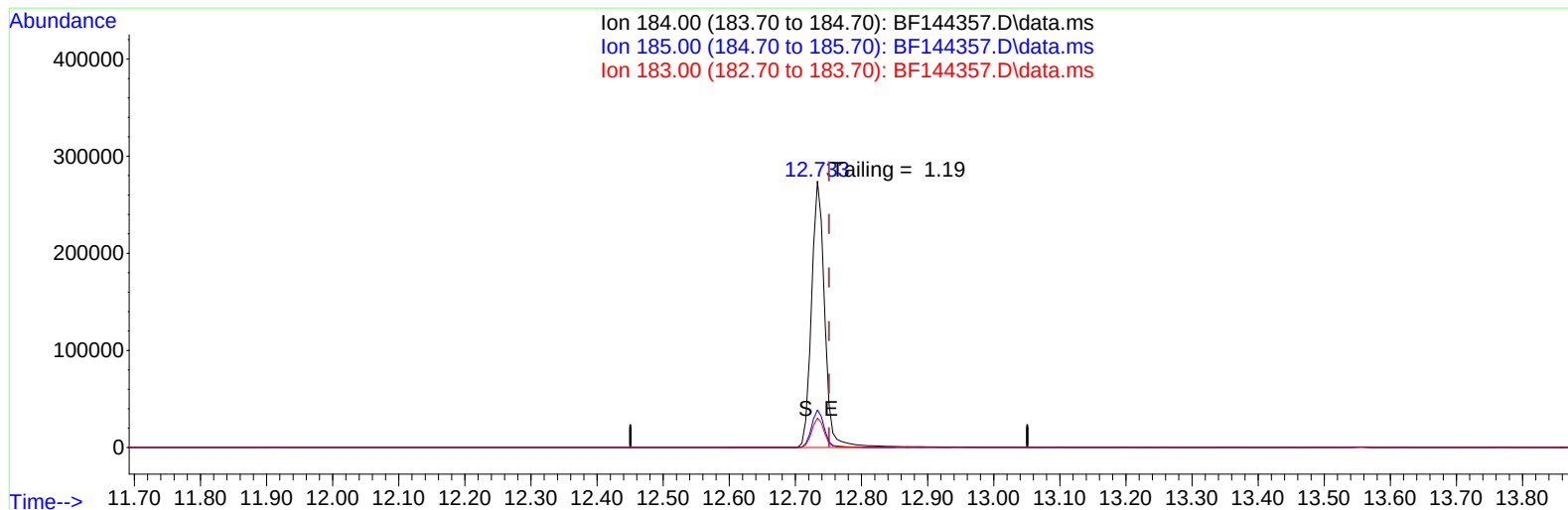
response 89255

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	61.90	64.33
264.00	61.80	63.47
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144357.D
Acq On : 26 Nov 2025 13:00
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Nov 26 13:20:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration



TIC: BF144357.D\data.ms

(77) Benzidine

12.733min (-0.018) 0.00 ng

response 380762

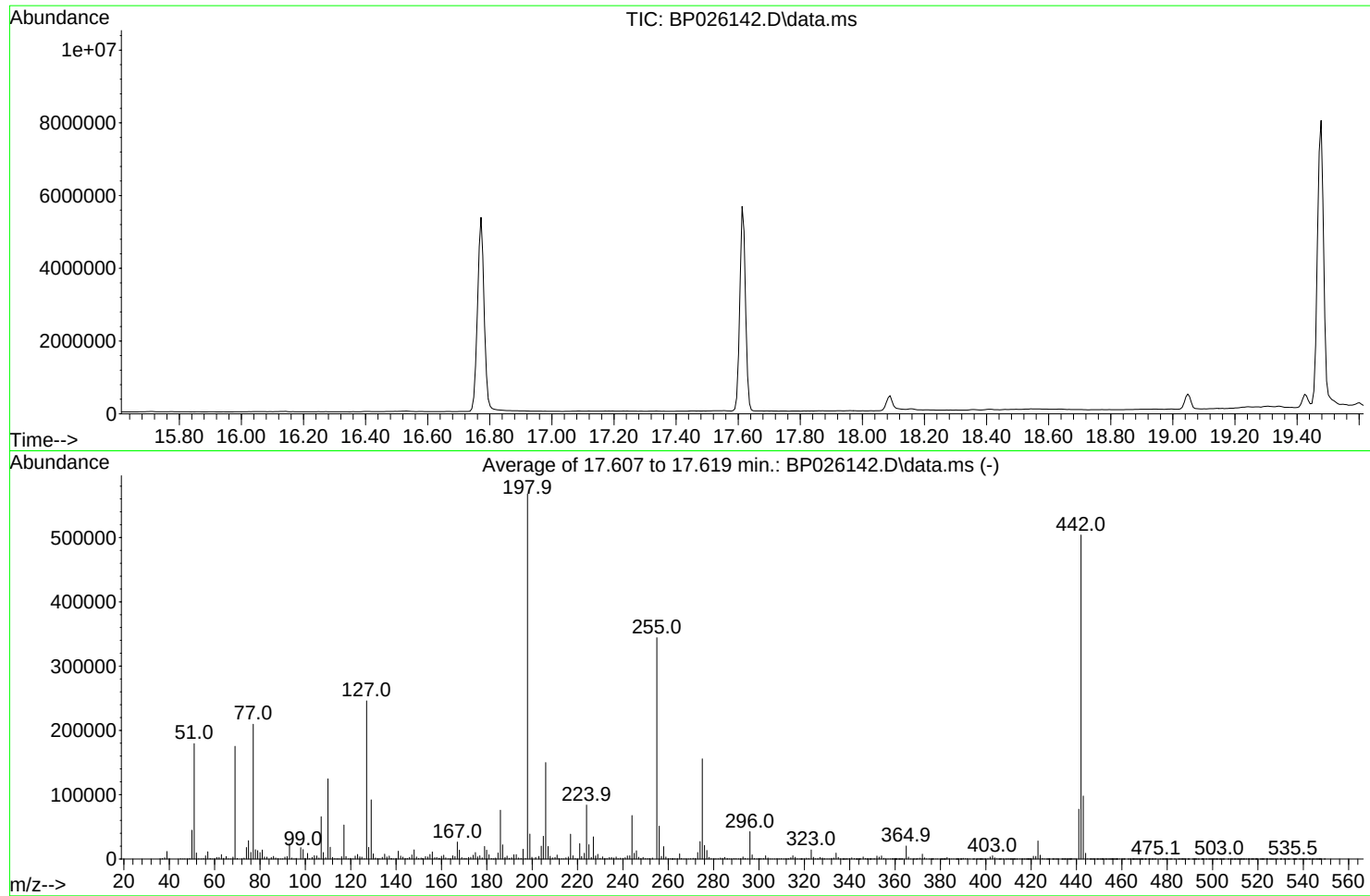
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.60	14.14
183.00	10.40	11.08
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026142.D
Acq On : 18 Nov 2025 13:45
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-BP111825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Nov 19 01:25:31 2025



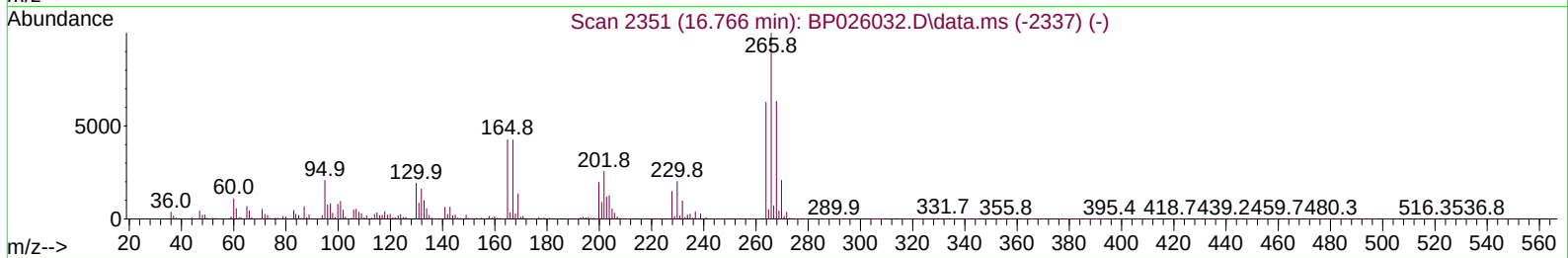
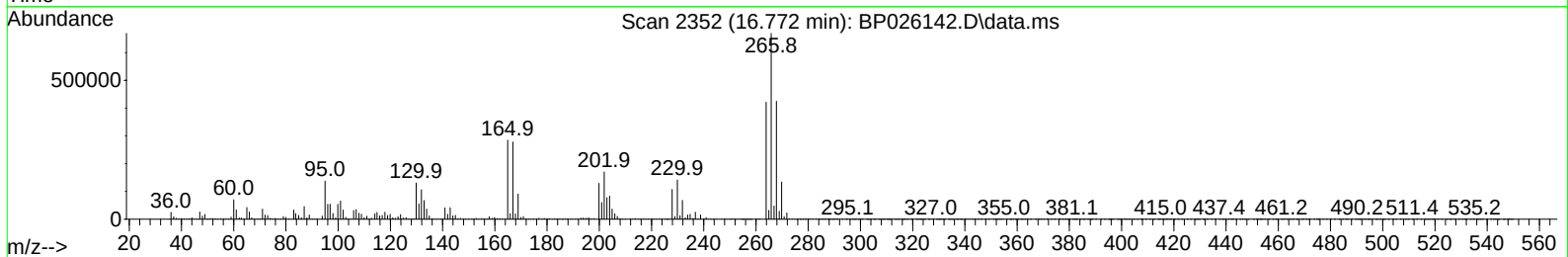
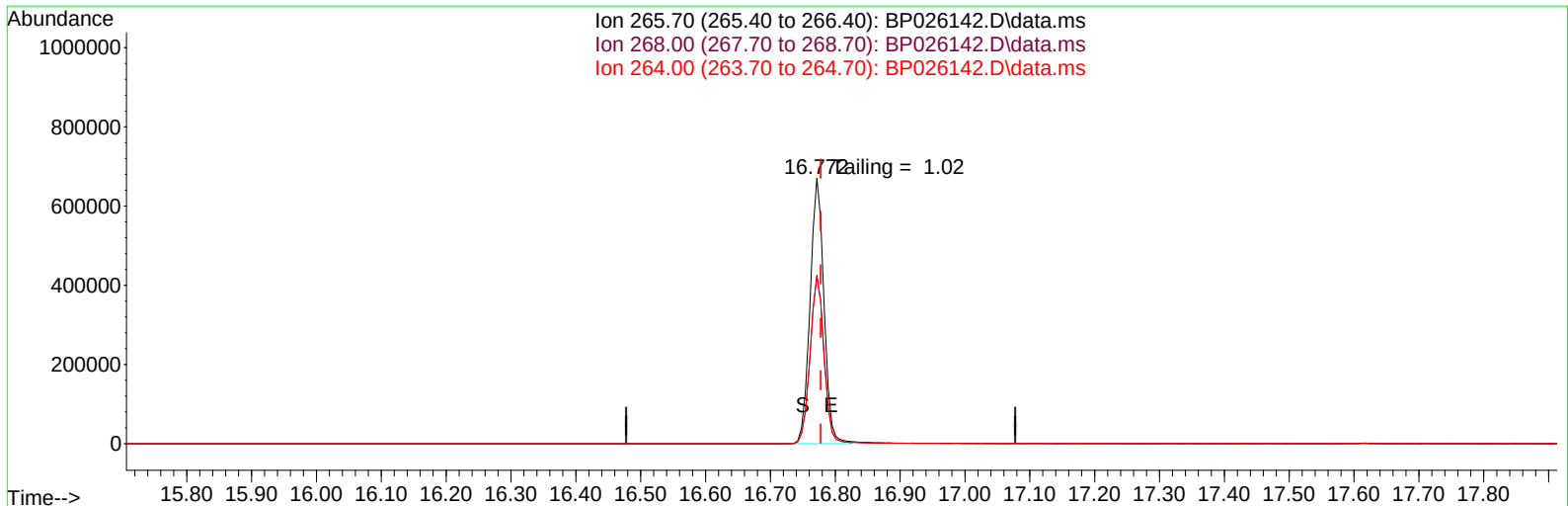
AutoFind: Scans 2494, 2495, 2496; Background Corrected with Scan 2485

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
68	69	0.00	2	1.6	2891	PASS
69	69	100	100	100.0	175261	PASS
70	69	0.00	2	0.4	730	PASS
197	198	0.00	2	0.1	748	PASS
198	198	100	100	100.0	567984	PASS
199	198	5	9	6.8	38899	PASS
365	198	1	100	3.6	20169	PASS
441	443	0.01	150	79.0	77420	PASS
442	442	100	100	100.0	503872	PASS
443	442	15	24	19.5	98037	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026142.D
Acq On : 18 Nov 2025 13:45
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Nov 19 00:44:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration



TIC: BP026142.D\data.ms

(70) Pentachlorophenol (C)

16.772min (-0.006) 1416102.53 ng

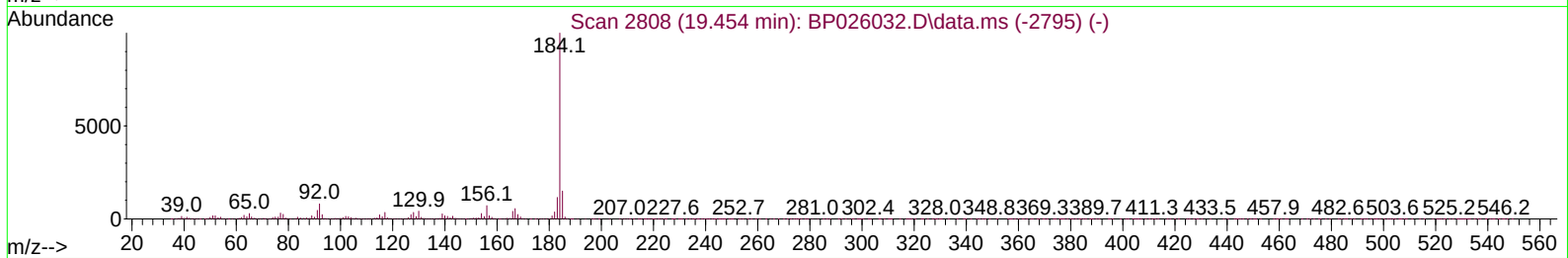
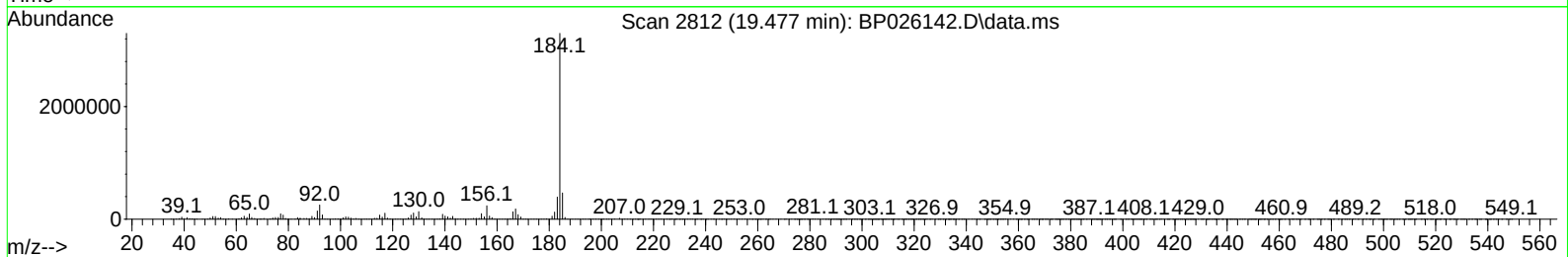
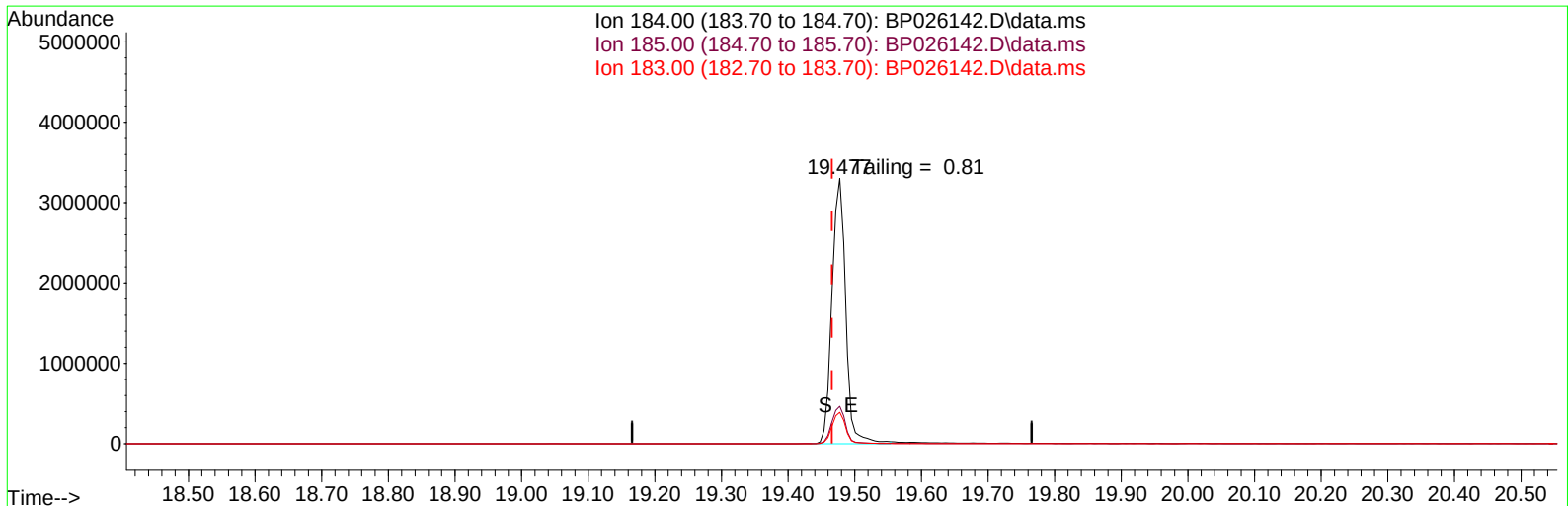
response 1013882

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.70	63.49
264.00	62.70	62.91
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026142.D
Acq On : 18 Nov 2025 13:45
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Nov 19 00:44:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration



TIC: BP026142.D\data.ms

(77) Benzidine

19.477min (+ 0.012) 743702.57 ng

response 4726021

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.10	14.13
183.00	11.30	11.87
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
11/18/2025	BNA_P	<u>BP026142.D</u>
Compound Name	Response	Retention Time
DDT	2472778	20.777
DDD	49260	20.377
DDE	4029	19.789
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
53289	2526067	2.11

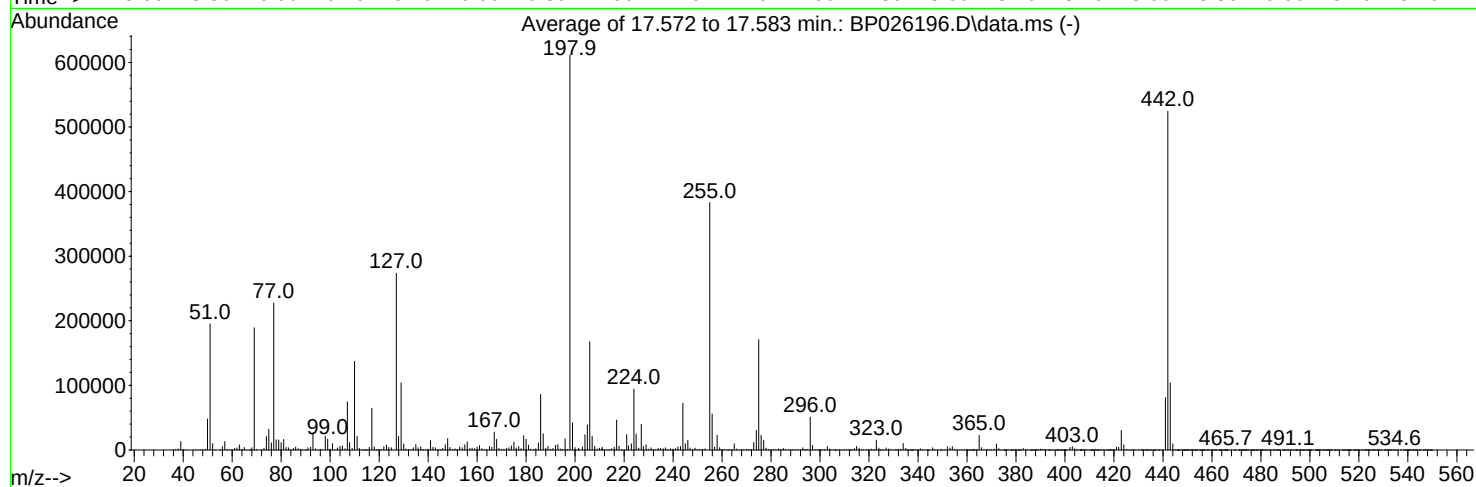
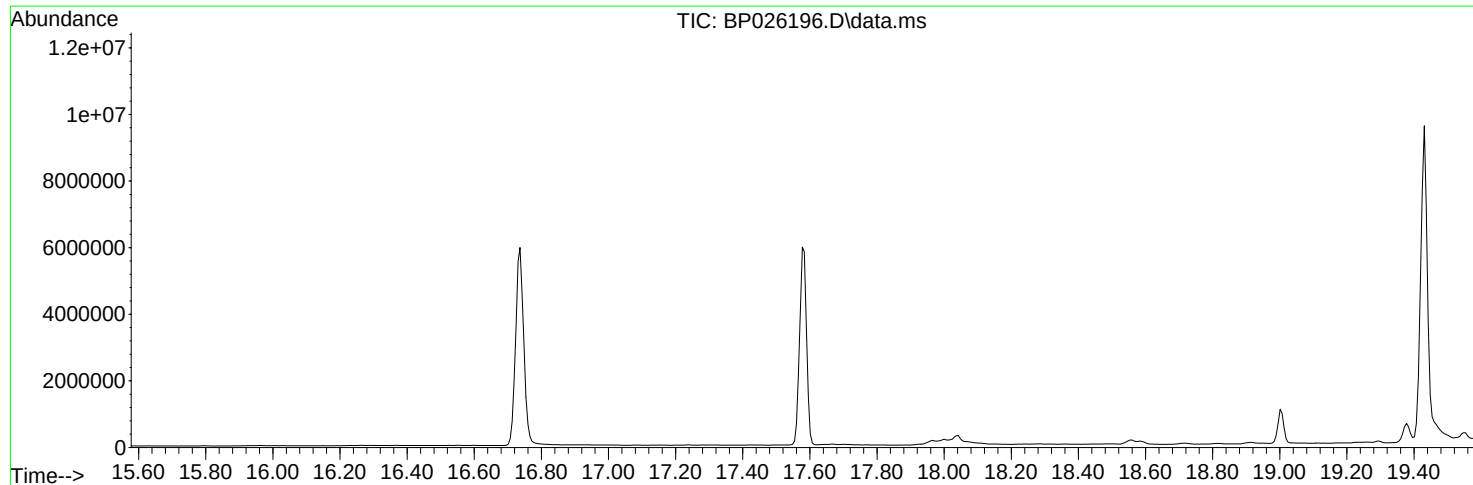
Instrument :
BNA_P
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120125\
Data File : BP026196.D
Acq On : 01 Dec 2025 12:48
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-BP111825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Nov 19 01:25:31 2025



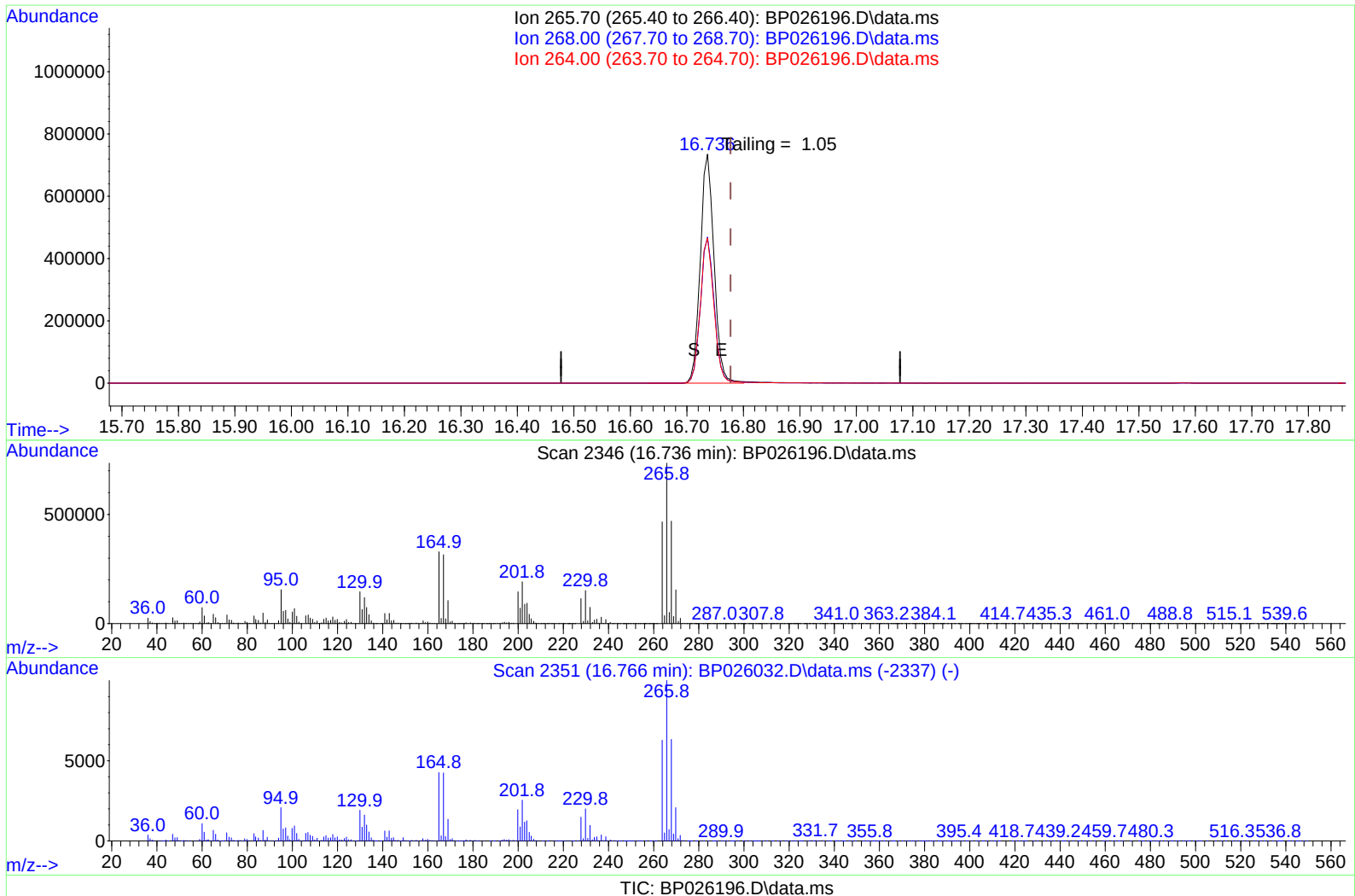
AutoFind: Scans 2488, 2489, 2490; Background Corrected with Scan 2478

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.8	3456	PASS
69	69	100	100	100.0	189224	PASS
70	69	0.00	2	0.4	845	PASS
197	198	0.00	2	0.2	1172	PASS
198	198	100	100	100.0	611343	PASS
199	198	5	9	6.9	42128	PASS
365	198	1	100	3.7	22761	PASS
441	443	0.01	150	77.9	80939	PASS
442	442	100	100	100.0	524437	PASS
443	442	15	24	19.8	103887	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120125\
Data File : BP026196.D
Acq On : 01 Dec 2025 12:48
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Dec 01 13:09:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

**(70) Pentachlorophenol (C)**

16.736min (-0.041) 24101.08 ng

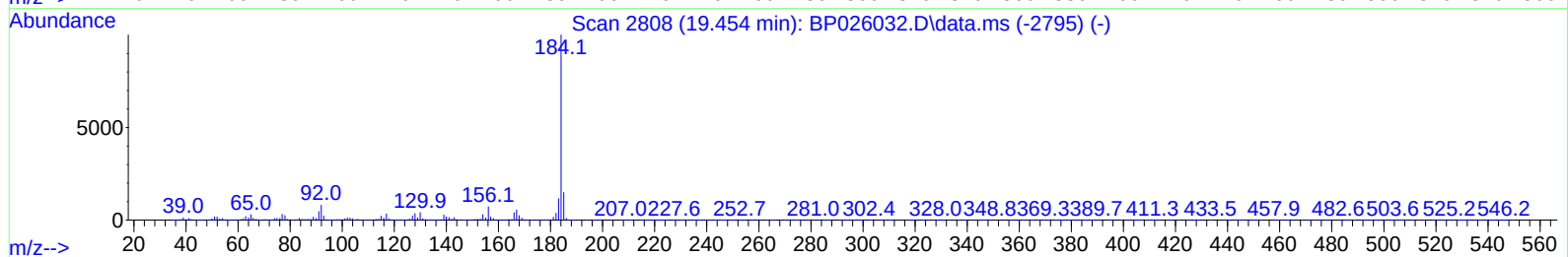
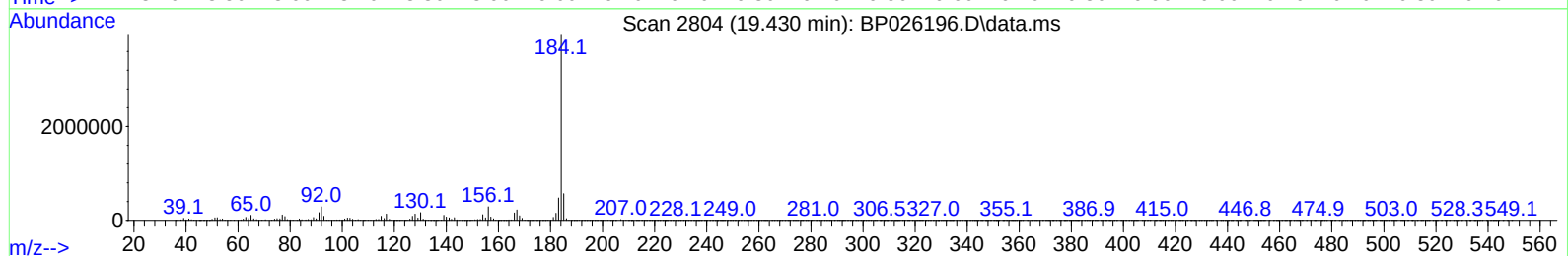
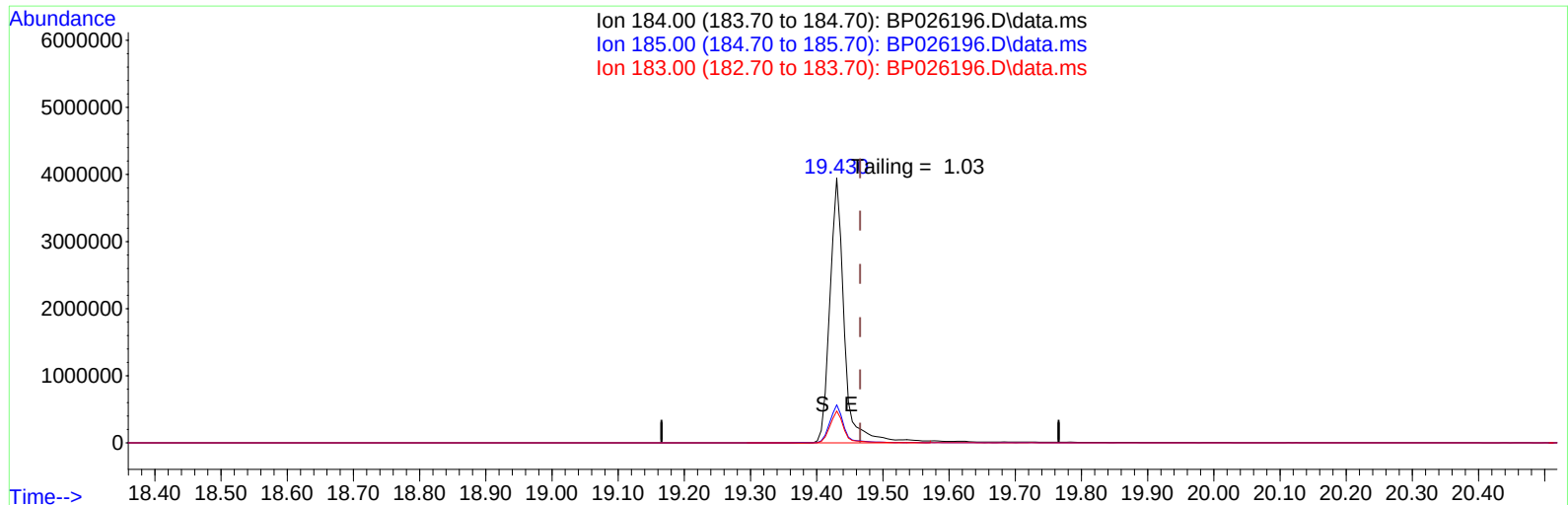
response 1253121

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.70	63.81
264.00	62.70	63.39
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120125\
Data File : BP026196.D
Acq On : 01 Dec 2025 12:48
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Dec 01 13:09:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration



TIC: BP026196.D\data.ms

(77) Benzidine**19.430min (-0.035) 1977.46 ng****response 5896454**

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.10	14.37
183.00	11.30	12.08
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
12/1/2025	BNA_P	<u>BP026196.D</u>
Compound Name	Response	Retention Time
DDT	2964416	20.742
DDD	50794	20.271
DDE	6617	19.736
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
57411	3021827	1.90

Instrument :
BNA_P
ClientSampleId :
DFTPP

Report of Analysis

Client: Roman E&G Corp	Date Collected:	
Project: MCUA - New Brunswick	Date Received:	
Client Sample ID: PB170735BL	SDG No.:	Q3604
Lab Sample ID: PB170735BL	Matrix:	SOIL
Analytical Method: 8270E	% Solid:	100
Sample Wt/Vol: 30.01 g	Test:	SVOC-TCL BNA -20
Prep Method : SW3541	Level: LOW	
	Final Vol: 1000 uL	
	Prep Date: 11/25/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	160	U	1	160	330	ug/Kg	11/26/25 14:00	PB170735
108-95-2	Phenol	22.1	U	1	22.1	170	ug/Kg	11/26/25 14:00	PB170735
111-44-4	bis(2-Chloroethyl)ether	24.3	U	1	24.3	170	ug/Kg	11/26/25 14:00	PB170735
95-57-8	2-Chlorophenol	24.4	U	1	24.4	170	ug/Kg	11/26/25 14:00	PB170735
95-48-7	2-Methylphenol	29.9	U	1	29.9	170	ug/Kg	11/26/25 14:00	PB170735
108-60-1	2,2-oxybis(1-Chloropropane)	37.5	U	1	37.5	170	ug/Kg	11/26/25 14:00	PB170735
98-86-2	Acetophenone	29.5	U	1	29.5	170	ug/Kg	11/26/25 14:00	PB170735
65794-96-9	3+4-Methylphenols	41.1	U	1	41.1	330	ug/Kg	11/26/25 14:00	PB170735
621-64-7	n-Nitroso-di-n-propylamine	47.4	U	1	47.4	80.0	ug/Kg	11/26/25 14:00	PB170735
67-72-1	Hexachloroethane	17.6	U	1	17.6	170	ug/Kg	11/26/25 14:00	PB170735
98-95-3	Nitrobenzene	18.3	U	1	18.3	170	ug/Kg	11/26/25 14:00	PB170735
78-59-1	Isophorone	32.8	U	1	32.8	170	ug/Kg	11/26/25 14:00	PB170735
88-75-5	2-Nitrophenol	58.2	U	1	58.2	170	ug/Kg	11/26/25 14:00	PB170735
105-67-9	2,4-Dimethylphenol	64.8	U	1	64.8	170	ug/Kg	11/26/25 14:00	PB170735
111-91-1	bis(2-Chloroethoxy)methane	30.8	U	1	30.8	170	ug/Kg	11/26/25 14:00	PB170735
120-83-2	2,4-Dichlorophenol	28.3	U	1	28.3	170	ug/Kg	11/26/25 14:00	PB170735
91-20-3	Naphthalene	22.7	U	1	22.7	170	ug/Kg	11/26/25 14:00	PB170735
106-47-8	4-Chloroaniline	35.4	U	1	35.4	170	ug/Kg	11/26/25 14:00	PB170735
87-68-3	Hexachlorobutadiene	25.3	U	1	25.3	170	ug/Kg	11/26/25 14:00	PB170735
105-60-2	Caprolactam	52.1	U	1	52.1	330	ug/Kg	11/26/25 14:00	PB170735
59-50-7	4-Chloro-3-methylphenol	28.7	U	1	28.7	170	ug/Kg	11/26/25 14:00	PB170735
91-57-6	2-Methylnaphthalene	25.6	U	1	25.6	170	ug/Kg	11/26/25 14:00	PB170735
77-47-4	Hexachlorocyclopentadiene	120	U	1	120	330	ug/Kg	11/26/25 14:00	PB170735
88-06-2	2,4,6-Trichlorophenol	19.8	U	1	19.8	170	ug/Kg	11/26/25 14:00	PB170735
95-95-4	2,4,5-Trichlorophenol	29.1	U	1	29.1	170	ug/Kg	11/26/25 14:00	PB170735
92-52-4	1,1-Biphenyl	21.8	U	1	21.8	170	ug/Kg	11/26/25 14:00	PB170735
91-58-7	2-Chloronaphthalene	22.5	U	1	22.5	170	ug/Kg	11/26/25 14:00	PB170735
88-74-4	2-Nitroaniline	48.1	U	1	48.1	170	ug/Kg	11/26/25 14:00	PB170735
131-11-3	Dimethylphthalate	27.1	U	1	27.1	170	ug/Kg	11/26/25 14:00	PB170735
208-96-8	Acenaphthylene	28.9	U	1	28.9	170	ug/Kg	11/26/25 14:00	PB170735
606-20-2	2,6-Dinitrotoluene	33.6	U	1	33.6	170	ug/Kg	11/26/25 14:00	PB170735
99-09-2	3-Nitroaniline	46.0	U	1	46.0	170	ug/Kg	11/26/25 14:00	PB170735
83-32-9	Acenaphthene	21.3	U	1	21.3	170	ug/Kg	11/26/25 14:00	PB170735
51-28-5	2,4-Dinitrophenol	230	U	1	230	330	ug/Kg	11/26/25 14:00	PB170735
100-02-7	4-Nitrophenol	110	U	1	110	330	ug/Kg	11/26/25 14:00	PB170735
132-64-9	Dibenzofuran	22.7	U	1	22.7	170	ug/Kg	11/26/25 14:00	PB170735
121-14-2	2,4-Dinitrotoluene	50.1	U	1	50.1	170	ug/Kg	11/26/25 14:00	PB170735
84-66-2	Diethylphthalate	28.3	U	1	28.3	170	ug/Kg	11/26/25 14:00	PB170735
7005-72-3	4-Chlorophenyl-phenylether	26.7	U	1	26.7	170	ug/Kg	11/26/25 14:00	PB170735
86-73-7	Fluorene	25.3	U	1	25.3	170	ug/Kg	11/26/25 14:00	PB170735
100-01-6	4-Nitroaniline	64.2	U	1	64.2	170	ug/Kg	11/26/25 14:00	PB170735
534-52-1	4,6-Dinitro-2-methylphenol	100	U	1	100	330	ug/Kg	11/26/25 14:00	PB170735



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Fax : 908 789 8922

Report of Analysis

Client:	Roman E&G Corp	Date Collected:	
Project:	MCUA - New Brunswick	Date Received:	
Client Sample ID:	PB170735BL	SDG No.:	Q3604
Lab Sample ID:	PB170735BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.01 g	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541		
	Level: LOW		
	Final Vol: 1000 uL		
	Prep Date: 11/25/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	32.9	U	1	32.9	170	ug/Kg	11/26/25 14:00	PB170735
101-55-3	4-Bromophenyl-phenylether	27.8	U	1	27.8	170	ug/Kg	11/26/25 14:00	PB170735
118-74-1	Hexachlorobenzene	25.3	U	1	25.3	170	ug/Kg	11/26/25 14:00	PB170735
1912-24-9	Atrazine	34.0	U	1	34.0	170	ug/Kg	11/26/25 14:00	PB170735
87-86-5	Pentachlorophenol	51.3	U	1	51.3	330	ug/Kg	11/26/25 14:00	PB170735
85-01-8	Phenanthrene	20.9	U	1	20.9	170	ug/Kg	11/26/25 14:00	PB170735
120-12-7	Anthracene	33.3	U	1	33.3	170	ug/Kg	11/26/25 14:00	PB170735
86-74-8	Carbazole	31.2	U	1	31.2	170	ug/Kg	11/26/25 14:00	PB170735
84-74-2	Di-n-butylphthalate	47.9	U	1	47.9	170	ug/Kg	11/26/25 14:00	PB170735
206-44-0	Fluoranthene	30.0	U	1	30.0	170	ug/Kg	11/26/25 14:00	PB170735
129-00-0	Pyrene	36.0	U	1	36.0	170	ug/Kg	11/26/25 14:00	PB170735
85-68-7	Butylbenzylphthalate	71.4	U	1	71.4	170	ug/Kg	11/26/25 14:00	PB170735
91-94-1	3,3-Dichlorobenzidine	36.7	U	1	36.7	330	ug/Kg	11/26/25 14:00	PB170735
56-55-3	Benzo(a)anthracene	23.0	U	1	23.0	170	ug/Kg	11/26/25 14:00	PB170735
218-01-9	Chrysene	19.9	U	1	19.9	170	ug/Kg	11/26/25 14:00	PB170735
117-81-7	Bis(2-ethylhexyl)phthalate	59.2	U	1	59.2	170	ug/Kg	11/26/25 14:00	PB170735
117-84-0	Di-n-octyl phthalate	86.8	U	1	86.8	330	ug/Kg	11/26/25 14:00	PB170735
205-99-2	Benzo(b)fluoranthene	19.0	U	1	19.0	170	ug/Kg	11/26/25 14:00	PB170735
207-08-9	Benzo(k)fluoranthene	22.4	U	1	22.4	170	ug/Kg	11/26/25 14:00	PB170735
50-32-8	Benzo(a)pyrene	29.5	U	1	29.5	170	ug/Kg	11/26/25 14:00	PB170735
193-39-5	Indeno(1,2,3-cd)pyrene	29.1	U	1	29.1	170	ug/Kg	11/26/25 14:00	PB170735
53-70-3	Dibenzo(a,h)anthracene	27.4	U	1	27.4	170	ug/Kg	11/26/25 14:00	PB170735
191-24-2	Benzo(g,h,i)perylene	25.7	U	1	25.7	170	ug/Kg	11/26/25 14:00	PB170735
95-94-3	1,2,4,5-Tetrachlorobenzene	25.6	U	1	25.6	170	ug/Kg	11/26/25 14:00	PB170735
123-91-1	1,4-Dioxane	45.2	U	1	45.2	170	ug/Kg	11/26/25 14:00	PB170735
58-90-2	2,3,4,6-Tetrachlorophenol	27.4	U	1	27.4	170	ug/Kg	11/26/25 14:00	PB170735

SURROGATES

367-12-4	2-Fluorophenol	112			30 (10) - 130 (105)	74%	SPK: 150
13127-88-3	Phenol-d6	113			30 (10) - 130 (103)	75%	SPK: 150
4165-60-0	Nitrobenzene-d5	74.9			30 (10) - 130 (108)	75%	SPK: 100
321-60-8	2-Fluorobiphenyl	75.6			30 (10) - 130 (108)	76%	SPK: 100
118-79-6	2,4,6-Tribromophenol	112			30 (10) - 130 (116)	75%	SPK: 150
1718-51-0	Terphenyl-d14	84.2			30 (10) - 130 (109)	84%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	62900
1146-65-2	Naphthalene-d8	250000
15067-26-2	Acenaphthene-d10	143000
1517-22-2	Phenanthrene-d10	260000
1719-03-5	Chrysene-d12	152000
1520-96-3	Perylene-d12	186000



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Fax : 908 789 8922

Report of Analysis

Client:	Roman E&G Corp	Date Collected:	
Project:	MCUA - New Brunswick	Date Received:	
Client Sample ID:	PB170735BL	SDG No.:	Q3604
Lab Sample ID:	PB170735BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.01 g	Final Vol:	1000 uL
Prep Method :	SW3541	Test:	SVOC-TCL BNA -20
	Level: LOW		
	Prep Date: 11/25/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

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\BF112625\
Data File : BF144359.D
Acq On : 26 Nov 2025 14:00
Operator : RC/JU
Sample : PB170735BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170735BL

Quant Time: Nov 26 14:20:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	62889	20.000	ng	-0.01
21) Naphthalene-d8	8.140	136	250119	20.000	ng	-0.02
39) Acenaphthene-d10	9.898	164	143140	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	260449	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	152468	20.000	ng	#-0.01
86) Perylene-d12	15.521	264	186363	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	448236	111.535	ng	0.00
7) Phenol-d6	6.498	99	515544	113.217	ng	0.00
23) Nitrobenzene-d5	7.422	82	324549	74.942	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	202022	112.469	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	732415	75.571	ng	0.00
79) Terphenyl-d14	12.980	244	807922	84.169	ng	-0.01

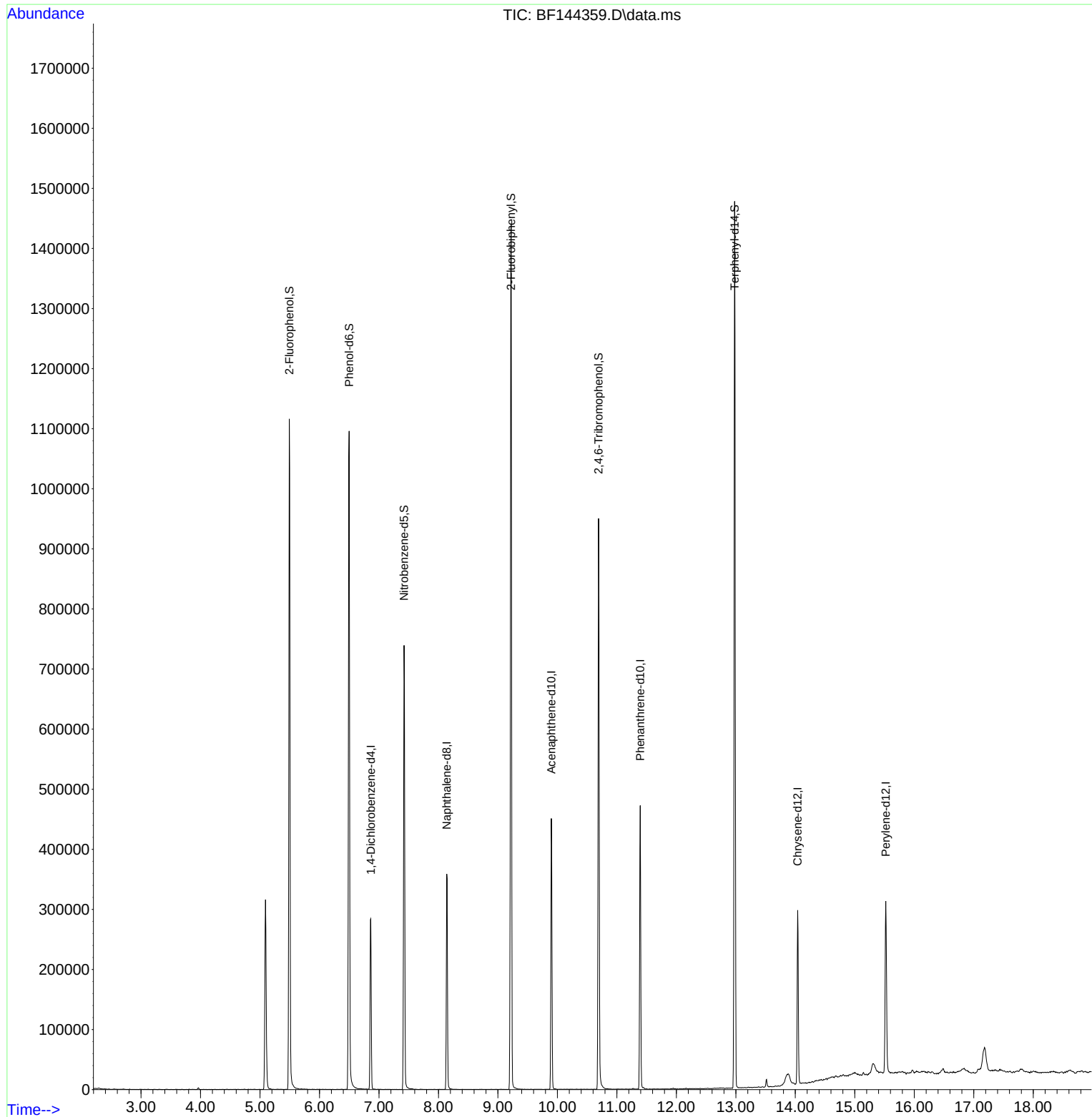
Target Compounds	Qvalue

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

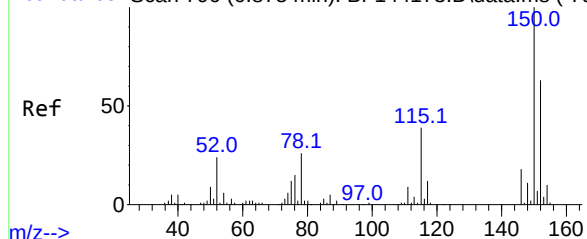
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Data File : BF144359.D
Acq On : 26 Nov 2025 14:00
Operator : RC/JU
Sample : PB170735BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170735BL

Quant Time: Nov 26 14:20:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration



Abundance Scan 796 (6.875 min): BF144173.D\data.ms (-79



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.863 min Scan# 796

Delta R.T. -0.012 min

Lab File: BF144359.D

Acq: 26 Nov 2025 14:00

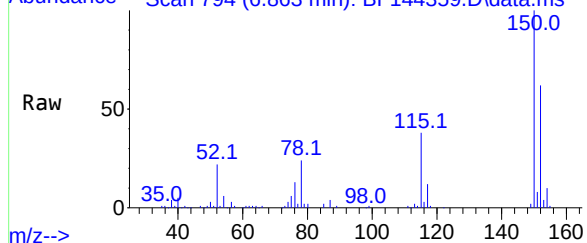
Instrument :

BNA_F

ClientSampleId :

PB170735BL

Abundance Scan 794 (6.863 min): BF144359.D\data.ms



Tgt Ion:152 Resp: 62889

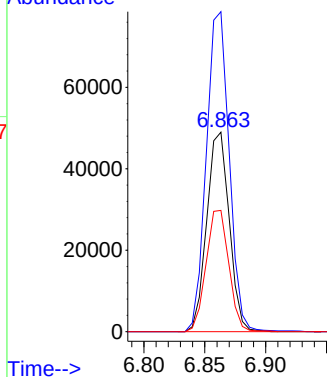
Ion Ratio Lower Upper

152 100

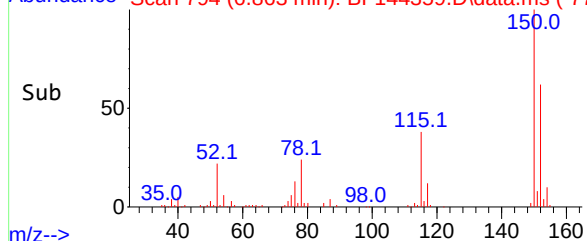
150 160.3 127.4 191.0

115 60.8 49.5 74.3

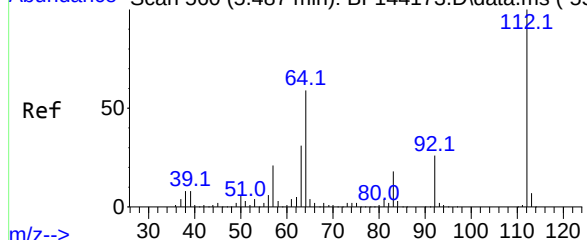
Abundance



Abundance Scan 794 (6.863 min): BF144359.D\data.ms (-77



Abundance Scan 560 (5.487 min): BF144173.D\data.ms (-55



#5

2-Fluorophenol

Concen: 111.535 ng

RT: 5.493 min Scan# 561

Delta R.T. 0.000 min

Lab File: BF144359.D

Acq: 26 Nov 2025 14:00

Tgt Ion:112 Resp: 448236

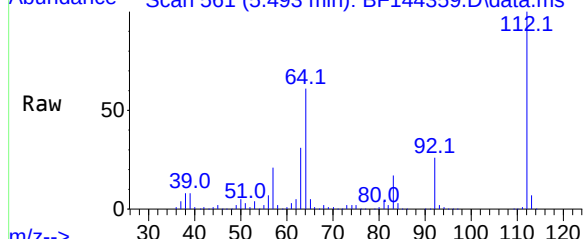
Ion Ratio Lower Upper

112 100

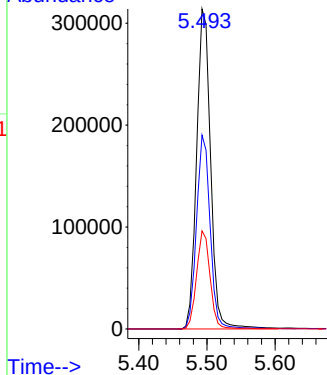
64 60.6 47.2 70.8

63 30.7 24.4 36.6

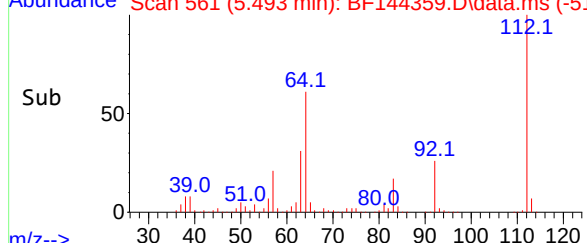
Abundance Scan 561 (5.493 min): BF144359.D\data.ms



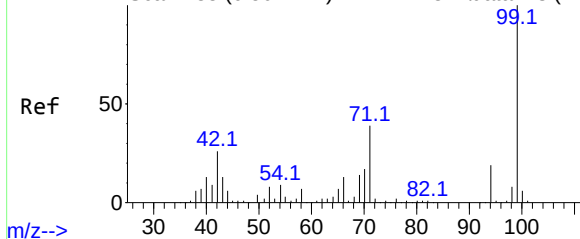
Abundance



Abundance Scan 561 (5.493 min): BF144359.D\data.ms (-51



Abundance Scan 733 (6.504 min): BF144173.D\data.ms (-72



#7

Phenol-d6

Concen: 113.217 ng

RT: 6.498 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF144359.D

Acq: 26 Nov 2025 14:00

Instrument :

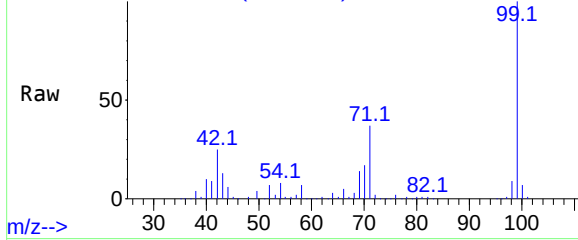
BNA_F

ClientSampleId :

PB170735BL

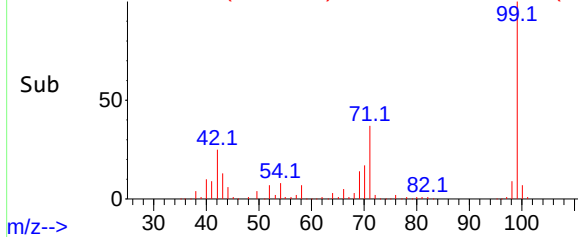
m/z-->

Abundance Scan 732 (6.498 min): BF144359.D\data.ms



m/z-->

Abundance Scan 732 (6.498 min): BF144359.D\data.ms (-68



m/z-->

Tgt Ion: 99 Resp: 515544

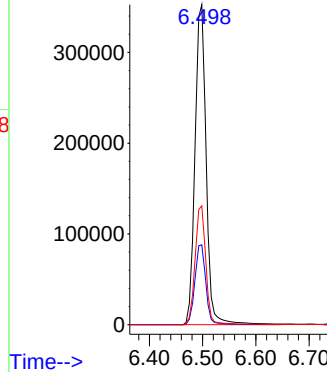
Ion Ratio Lower Upper

99 100

42 25.0 20.9 31.3

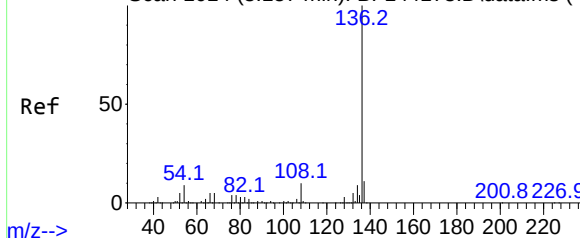
71 37.1 31.4 47.2

Abundance



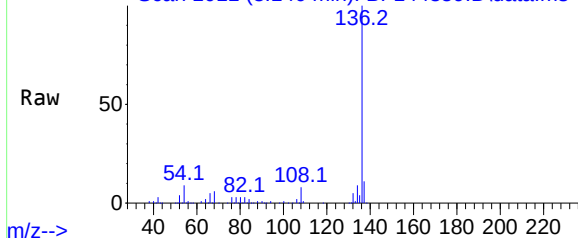
Time-->

Abundance Scan 1014 (8.157 min): BF144173.D\data.ms (-1



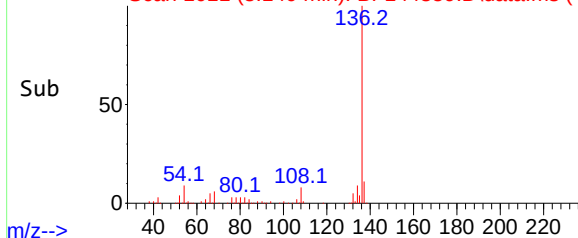
m/z-->

Abundance Scan 1011 (8.140 min): BF144359.D\data.ms



m/z-->

Abundance Scan 1011 (8.140 min): BF144359.D\data.ms (-9



m/z-->

#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.140 min Scan# 1011

Delta R.T. -0.018 min

Lab File: BF144359.D

Acq: 26 Nov 2025 14:00

Tgt Ion: 136 Resp: 250119

Ion Ratio Lower Upper

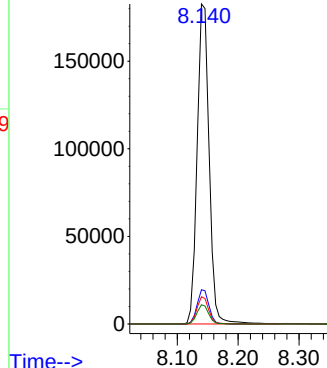
136 100

137 10.7 8.6 13.0

54 8.5 7.0 10.6

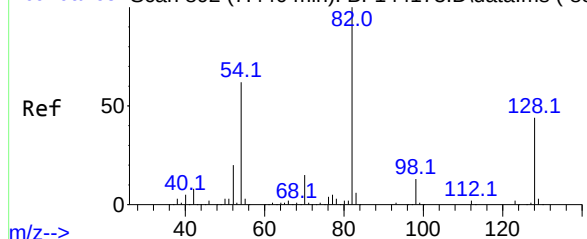
68 6.0 4.3 6.5

Abundance



Time-->

Abundance Scan 892 (7.440 min): BF144173.D\data.ms (-88



#23

Nitrobenzene-d5

Concen: 74.942 ng

RT: 7.422 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF144359.D

Acq: 26 Nov 2025 14:00

Instrument :

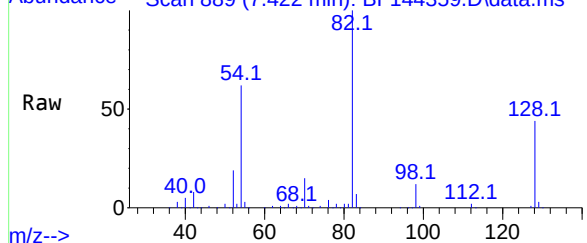
BNA_F

ClientSampleId :

PB170735BL

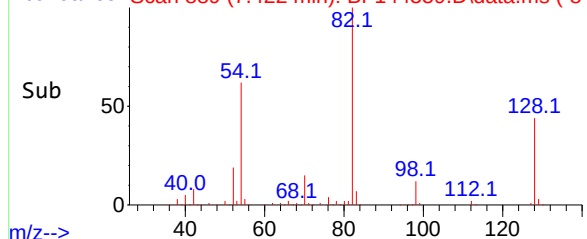
m/z-->

Abundance Scan 889 (7.422 min): BF144359.D\data.ms



m/z-->

Abundance Scan 889 (7.422 min): BF144359.D\data.ms (-84



m/z-->

Tgt Ion: 82 Resp: 324549

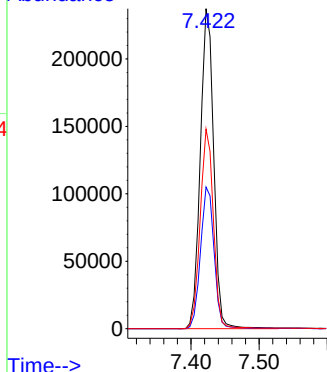
Ion Ratio Lower Upper

82 100

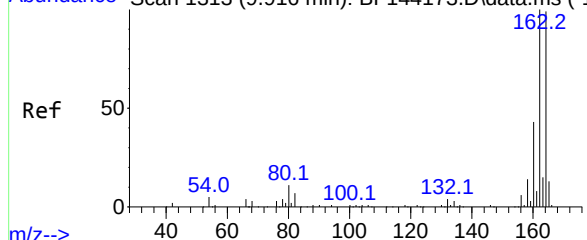
128 44.2 34.7 52.1

54 62.4 49.5 74.3

Abundance

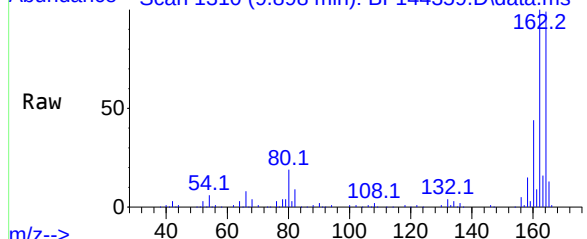


Abundance Scan 1313 (9.916 min): BF144173.D\data.ms (-1



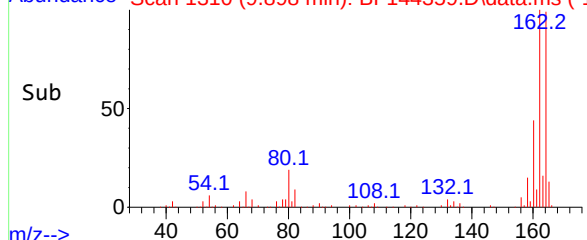
m/z-->

Abundance Scan 1310 (9.898 min): BF144359.D\data.ms



m/z-->

Abundance Scan 1310 (9.898 min): BF144359.D\data.ms (-1



m/z-->

#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1310

Delta R.T. -0.018 min

Lab File: BF144359.D

Acq: 26 Nov 2025 14:00

Tgt Ion: 164 Resp: 143140

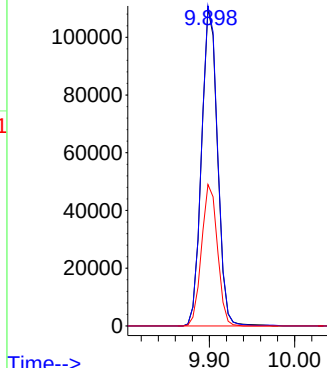
Ion Ratio Lower Upper

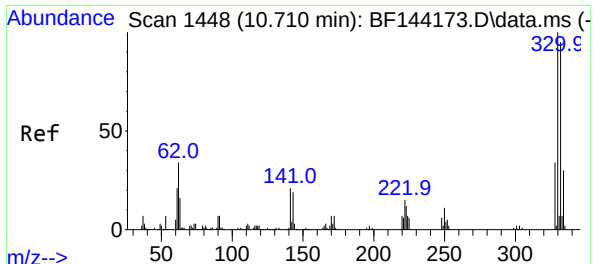
164 100

162 100.8 81.1 121.7

160 44.6 34.5 51.7

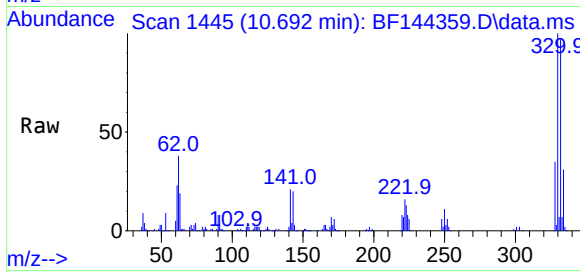
Abundance



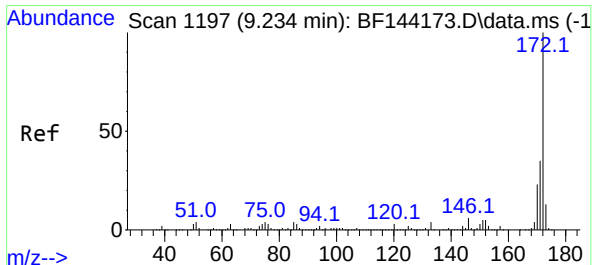
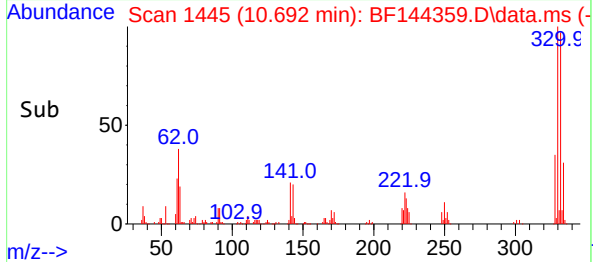
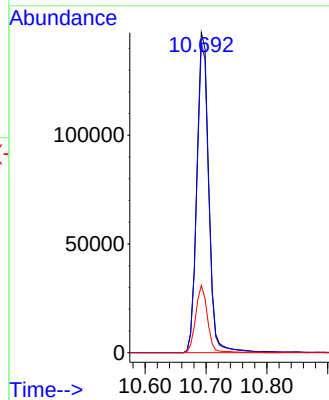


#42
2,4,6-Tribromophenol
Concen: 112.469 ng
RT: 10.692 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF144359.D
Acq: 26 Nov 2025 14:00

Instrument :
BNA_F
ClientSampleId :
PB170735BL

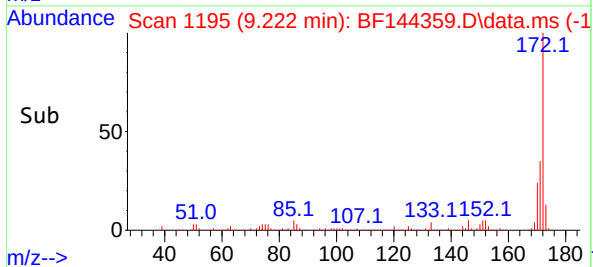
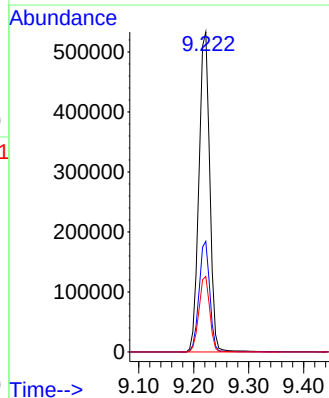
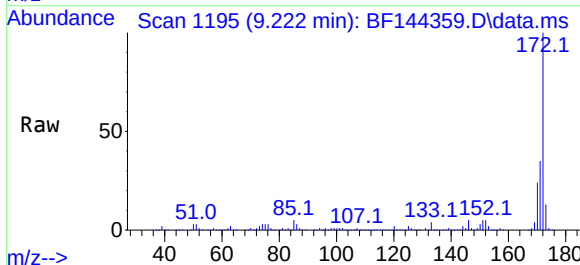


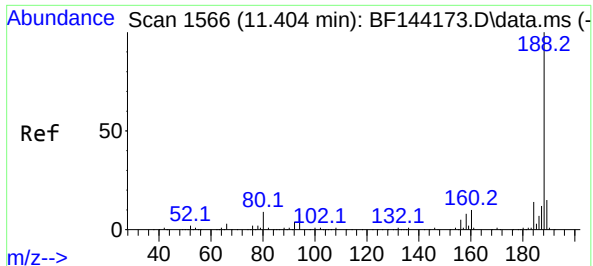
Tgt Ion:330 Resp: 202022
Ion Ratio Lower Upper
330 100
332 96.4 76.7 115.1
141 20.6 17.8 26.8



#45
2-Fluorobiphenyl
Concen: 75.571 ng
RT: 9.222 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF144359.D
Acq: 26 Nov 2025 14:00

Tgt Ion:172 Resp: 732415
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 23.6 18.6 28.0

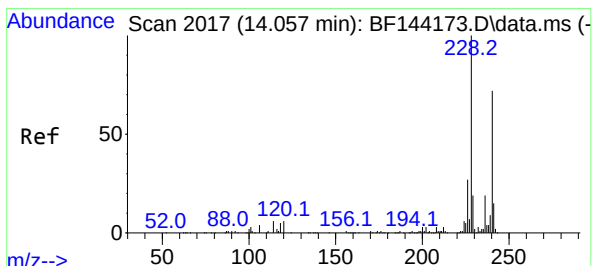
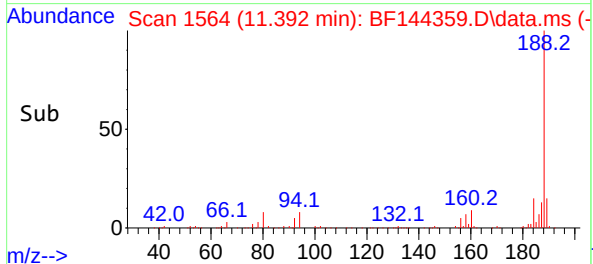
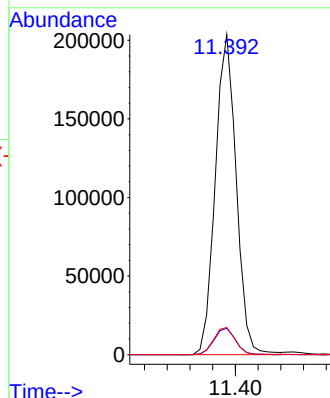
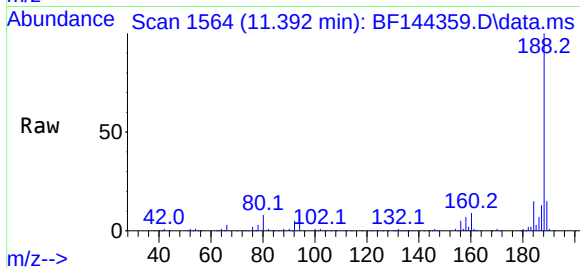




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144359.D
Acq: 26 Nov 2025 14:00

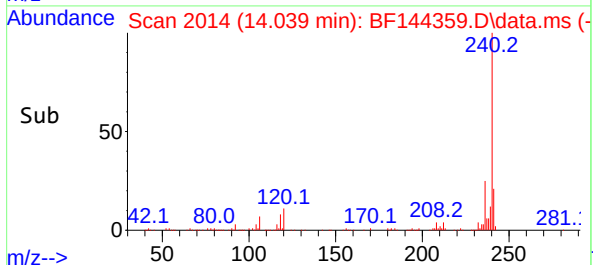
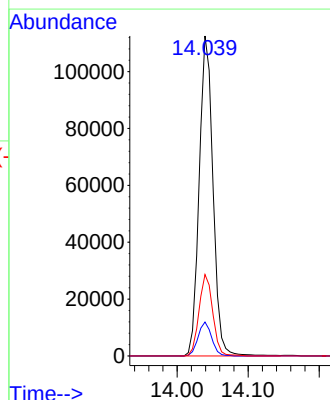
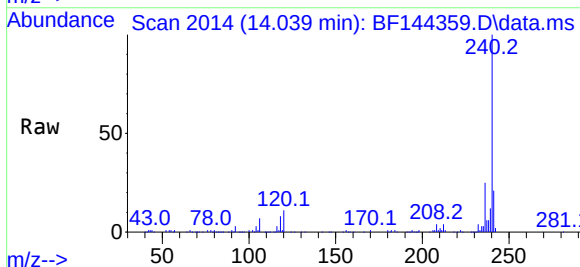
Instrument :
BNA_F
ClientSampleId :
PB170735BL

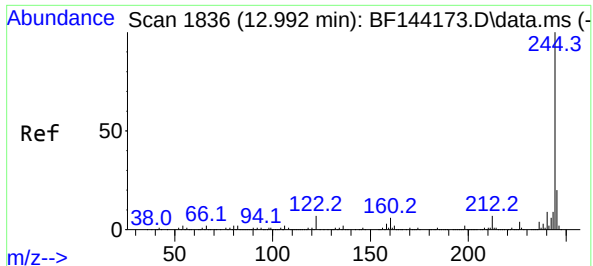
Tgt Ion:188 Resp: 260449
Ion Ratio Lower Upper
188 100
94 8.3 6.2 9.2
80 8.5 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF144359.D
Acq: 26 Nov 2025 14:00

Tgt Ion:240 Resp: 152468
Ion Ratio Lower Upper
240 100
120 10.6 6.6 10.0#
236 25.4 21.4 32.2





#79

Terphenyl-d14

Concen: 84.169 ng

RT: 12.980 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144359.D

Acq: 26 Nov 2025 14:00

Instrument :

BNA_F

ClientSampleId :

PB170735BL

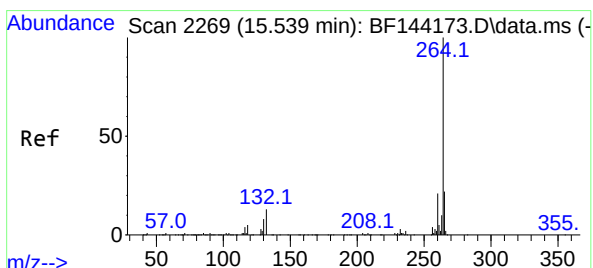
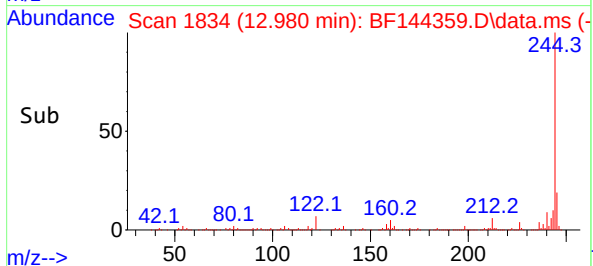
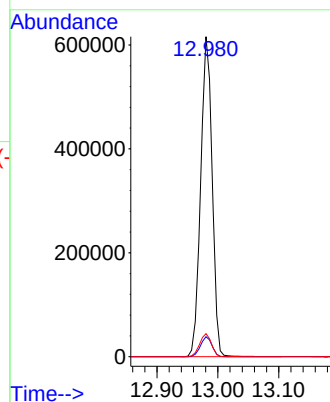
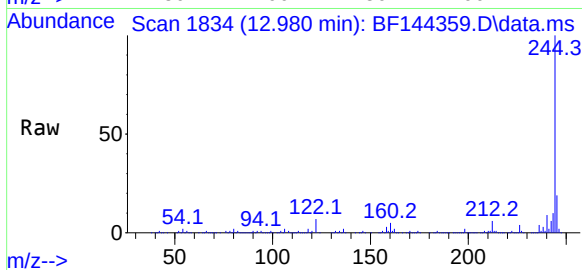
Tgt Ion:244 Resp: 807922

Ion Ratio Lower Upper

244 100

212 6.3 5.3 7.9

122 7.2 5.6 8.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 2266

Delta R.T. -0.018 min

Lab File: BF144359.D

Acq: 26 Nov 2025 14:00

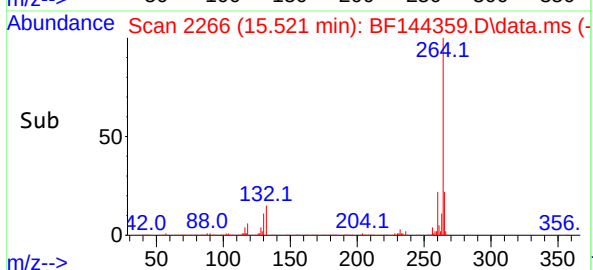
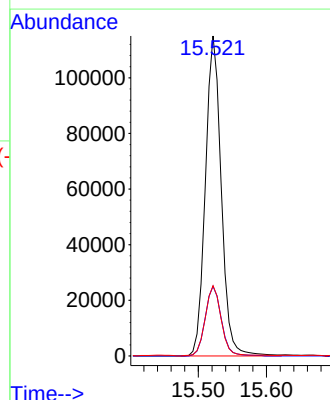
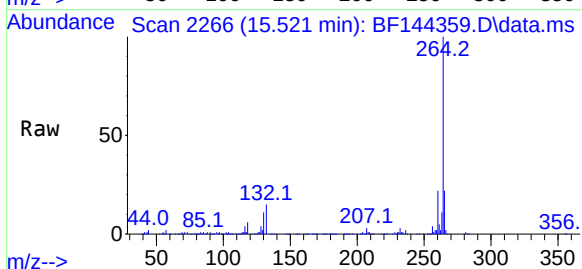
Tgt Ion:264 Resp: 186363

Ion Ratio Lower Upper

264 100

260 21.8 17.1 25.7

265 22.0 17.4 26.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
 Data File : BF144359.D
 Acq On : 26 Nov 2025 14:00
 Operator : RC/JU
 Sample : PB170735BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170735BL

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144359.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.093	486	493	511	rBV	315959	508465	26.01%	3.934%
2	5.493	556	561	590	rBV	1115698	1556363	79.61%	12.042%
3	6.498	726	732	751	rBV	1095602	1570333	80.32%	12.151%
4	6.863	789	794	801	rBV	283681	367528	18.80%	2.844%
5	7.422	883	889	908	rBV	739135	1011102	51.72%	7.823%
6	8.140	1006	1011	1020	rBV	358323	479865	24.54%	3.713%
7	9.222	1188	1195	1200	rBV	1440340	1955055	100.00%	15.127%
8	9.898	1305	1310	1318	rBV	450737	579329	29.63%	4.483%
9	10.692	1440	1445	1467	rBV	949877	1274674	65.20%	9.863%
10	11.392	1559	1564	1571	rBV	471931	600241	30.70%	4.644%
11	12.980	1828	1834	1839	rBV	1476203	1930217	98.73%	14.935%
12	13.880	1971	1987	1999	rBV6	17962	94361	4.83%	0.730%
13	14.039	2009	2014	2021	rBV	289013	385924	19.74%	2.986%
14	15.521	2260	2266	2279	rVB	286158	461387	23.60%	3.570%
15	17.180	2541	2548	2564	rVB2	39181	149123	7.63%	1.154%

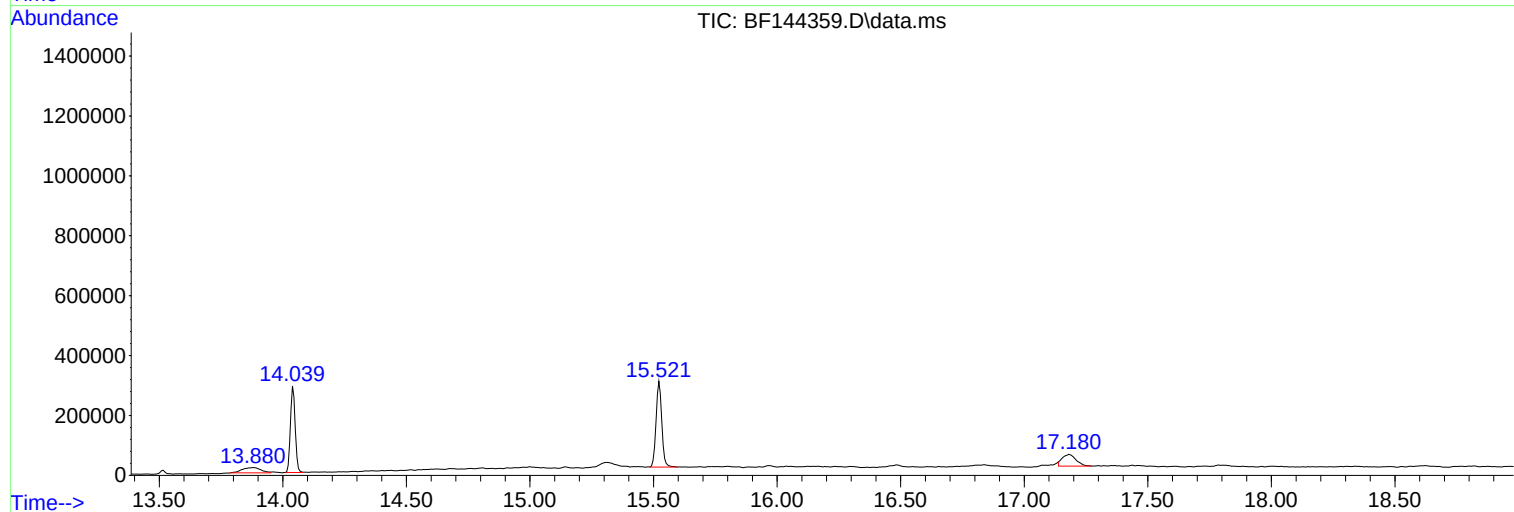
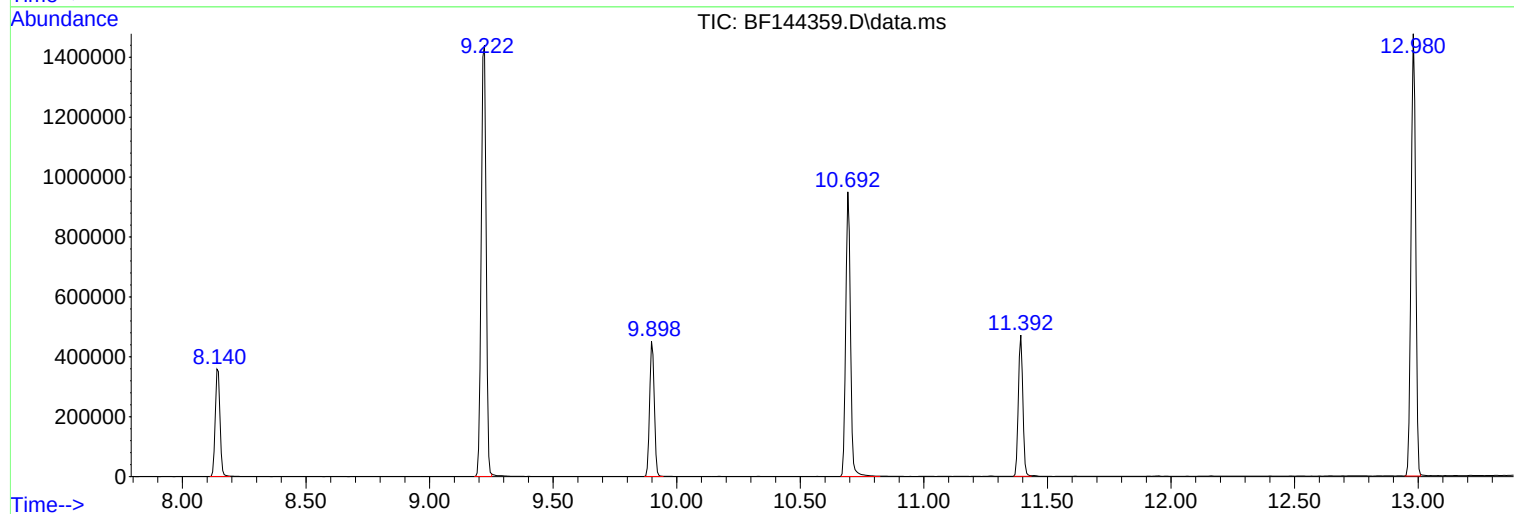
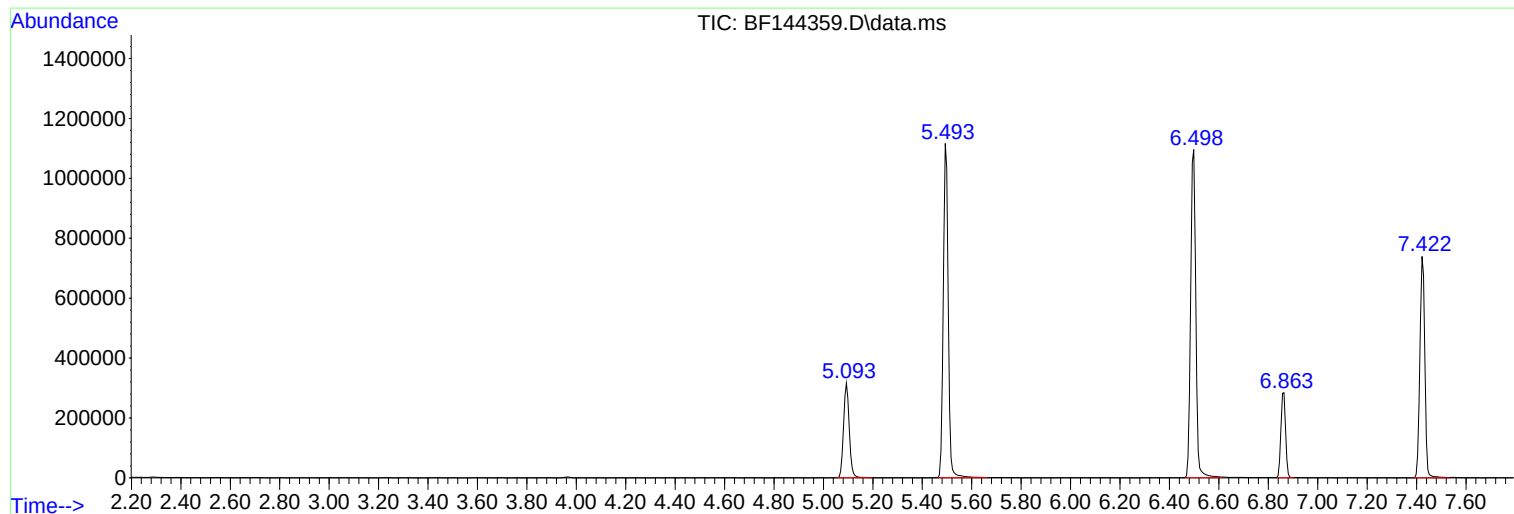
Sum of corrected areas: 12923967

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144359.D
Acq On : 26 Nov 2025 14:00
Operator : RC/JU
Sample : PB170735BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170735BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library :
TIC Integration Parameters: rteint.p



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144359.D
Acq On : 26 Nov 2025 14:00
Operator : RC/JU
Sample : PB170735BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170735BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library :
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144359.D
Acq On : 26 Nov 2025 14:00
Operator : RC/JU
Sample : PB170735BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170735BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library :
TIC Integration Parameters: rteint.p

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--
				#	RT Resp Conc

Report of Analysis

Client: Roman E&G Corp		Date Collected:
Project: MCUA - New Brunswick		Date Received:
Client Sample ID: PB170735BS		SDG No.: Q3604
Lab Sample ID: PB170735BS		Matrix: SOIL
Analytical Method: 8270E	Level: LOW	% Solid: 100
Sample Wt/Vol: 30.03 g	Final Vol: 1000 uL	Test: SVOC-TCL BNA -20
Prep Method : SW3541	Prep Date: 11/25/2015	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	1600	1	160		330	ug/Kg	11/26/25 14:30	PB170735
108-95-2	Phenol	1300	1	22.1		170	ug/Kg	11/26/25 14:30	PB170735
111-44-4	bis(2-Chloroethyl)ether	1500	1	24.3		170	ug/Kg	11/26/25 14:30	PB170735
95-57-8	2-Chlorophenol	1500	1	24.4		170	ug/Kg	11/26/25 14:30	PB170735
95-48-7	2-Methylphenol	1400	1	29.9		170	ug/Kg	11/26/25 14:30	PB170735
108-60-1	2,2-oxybis(1-Chloropropane)	1500	1	37.5		170	ug/Kg	11/26/25 14:30	PB170735
98-86-2	Acetophenone	1500	1	29.5		170	ug/Kg	11/26/25 14:30	PB170735
65794-96-9	3+4-Methylphenols	1400	1	41.1		330	ug/Kg	11/26/25 14:30	PB170735
621-64-7	n-Nitroso-di-n-propylamine	1400	1	47.4		79.9	ug/Kg	11/26/25 14:30	PB170735
67-72-1	Hexachloroethane	1400	1	17.6		170	ug/Kg	11/26/25 14:30	PB170735
98-95-3	Nitrobenzene	1400	1	18.3		170	ug/Kg	11/26/25 14:30	PB170735
78-59-1	Isophorone	1500	1	32.8		170	ug/Kg	11/26/25 14:30	PB170735
88-75-5	2-Nitrophenol	1500	1	58.1		170	ug/Kg	11/26/25 14:30	PB170735
105-67-9	2,4-Dimethylphenol	1600	1	64.7		170	ug/Kg	11/26/25 14:30	PB170735
111-91-1	bis(2-Chloroethoxy)methane	1500	1	30.8		170	ug/Kg	11/26/25 14:30	PB170735
120-83-2	2,4-Dichlorophenol	1400	1	28.3		170	ug/Kg	11/26/25 14:30	PB170735
91-20-3	Naphthalene	1400	1	22.7		170	ug/Kg	11/26/25 14:30	PB170735
106-47-8	4-Chloroaniline	860	1	35.4		170	ug/Kg	11/26/25 14:30	PB170735
87-68-3	Hexachlorobutadiene	1300	1	25.3		170	ug/Kg	11/26/25 14:30	PB170735
105-60-2	Caprolactam	1500	1	52.0		330	ug/Kg	11/26/25 14:30	PB170735
59-50-7	4-Chloro-3-methylphenol	1400	1	28.7		170	ug/Kg	11/26/25 14:30	PB170735
91-57-6	2-Methylnaphthalene	1300	1	25.6		170	ug/Kg	11/26/25 14:30	PB170735
77-47-4	Hexachlorocyclopentadiene	2500	1	120		330	ug/Kg	11/26/25 14:30	PB170735
88-06-2	2,4,6-Trichlorophenol	1400	1	19.8		170	ug/Kg	11/26/25 14:30	PB170735
95-95-4	2,4,5-Trichlorophenol	1300	1	29.1		170	ug/Kg	11/26/25 14:30	PB170735
92-52-4	1,1-Biphenyl	1600	1	21.8		170	ug/Kg	11/26/25 14:30	PB170735
91-58-7	2-Chloronaphthalene	1400	1	22.5		170	ug/Kg	11/26/25 14:30	PB170735
88-74-4	2-Nitroaniline	1400	1	48.1		170	ug/Kg	11/26/25 14:30	PB170735
131-11-3	Dimethylphthalate	1500	1	27.1		170	ug/Kg	11/26/25 14:30	PB170735
208-96-8	Acenaphthylene	1600	1	28.9		170	ug/Kg	11/26/25 14:30	PB170735
606-20-2	2,6-Dinitrotoluene	1500	1	33.6		170	ug/Kg	11/26/25 14:30	PB170735
99-09-2	3-Nitroaniline	1100	1	46.0		170	ug/Kg	11/26/25 14:30	PB170735
83-32-9	Acenaphthene	1300	1	21.3		170	ug/Kg	11/26/25 14:30	PB170735
51-28-5	2,4-Dinitrophenol	2600	1	230		330	ug/Kg	11/26/25 14:30	PB170735
100-02-7	4-Nitrophenol	2100	1	110		330	ug/Kg	11/26/25 14:30	PB170735
132-64-9	Dibenzofuran	1400	1	22.7		170	ug/Kg	11/26/25 14:30	PB170735
121-14-2	2,4-Dinitrotoluene	1400	1	50.0		170	ug/Kg	11/26/25 14:30	PB170735
84-66-2	Diethylphthalate	1400	1	28.3		170	ug/Kg	11/26/25 14:30	PB170735
7005-72-3	4-Chlorophenyl-phenylether	1300	1	26.7		170	ug/Kg	11/26/25 14:30	PB170735
86-73-7	Fluorene	1400	1	25.3		170	ug/Kg	11/26/25 14:30	PB170735
100-01-6	4-Nitroaniline	1300	1	64.1		170	ug/Kg	11/26/25 14:30	PB170735
534-52-1	4,6-Dinitro-2-methylphenol	1400	1	100		330	ug/Kg	11/26/25 14:30	PB170735



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

Report of Analysis

Client:	Roman E&G Corp	Date Collected:	
Project:	MCUA - New Brunswick	Date Received:	
Client Sample ID:	PB170735BS	SDG No.:	Q3604
Lab Sample ID:	PB170735BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.03 g	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541		
	Level: LOW		
	Final Vol: 1000 uL		
	Prep Date: 11/25/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	1500	1	32.9		170	ug/Kg	11/26/25 14:30	PB170735
101-55-3	4-Bromophenyl-phenylether	1400	1	27.8		170	ug/Kg	11/26/25 14:30	PB170735
118-74-1	Hexachlorobenzene	1400	1	25.3		170	ug/Kg	11/26/25 14:30	PB170735
1912-24-9	Atrazine	1500	1	34.0		170	ug/Kg	11/26/25 14:30	PB170735
87-86-5	Pentachlorophenol	2700	1	51.2		330	ug/Kg	11/26/25 14:30	PB170735
85-01-8	Phenanthrene	1400	1	20.9		170	ug/Kg	11/26/25 14:30	PB170735
120-12-7	Anthracene	1400	1	33.3		170	ug/Kg	11/26/25 14:30	PB170735
86-74-8	Carbazole	1400	1	31.2		170	ug/Kg	11/26/25 14:30	PB170735
84-74-2	Di-n-butylphthalate	1500	1	47.9		170	ug/Kg	11/26/25 14:30	PB170735
206-44-0	Fluoranthene	1400	1	30.0		170	ug/Kg	11/26/25 14:30	PB170735
129-00-0	Pyrene	1400	1	36.0		170	ug/Kg	11/26/25 14:30	PB170735
85-68-7	Butylbenzylphthalate	1500	1	71.3		170	ug/Kg	11/26/25 14:30	PB170735
91-94-1	3,3-Dichlorobenzidine	1200	1	36.7		330	ug/Kg	11/26/25 14:30	PB170735
56-55-3	Benzo(a)anthracene	1500	1	23.0		170	ug/Kg	11/26/25 14:30	PB170735
218-01-9	Chrysene	1400	1	19.9		170	ug/Kg	11/26/25 14:30	PB170735
117-81-7	Bis(2-ethylhexyl)phthalate	1600	1	59.1		170	ug/Kg	11/26/25 14:30	PB170735
117-84-0	Di-n-octyl phthalate	1700	1	86.7		330	ug/Kg	11/26/25 14:30	PB170735
205-99-2	Benzo(b)fluoranthene	1800	1	19.0		170	ug/Kg	11/26/25 14:30	PB170735
207-08-9	Benzo(k)fluoranthene	1500	1	22.4		170	ug/Kg	11/26/25 14:30	PB170735
50-32-8	Benzo(a)pyrene	1700	1	29.5		170	ug/Kg	11/26/25 14:30	PB170735
193-39-5	Indeno(1,2,3-cd)pyrene	1500	1	29.1		170	ug/Kg	11/26/25 14:30	PB170735
53-70-3	Dibenzo(a,h)anthracene	1600	1	27.4		170	ug/Kg	11/26/25 14:30	PB170735
191-24-2	Benzo(g,h,i)perylene	1600	1	25.7		170	ug/Kg	11/26/25 14:30	PB170735
95-94-3	1,2,4,5-Tetrachlorobenzene	1500	1	25.6		170	ug/Kg	11/26/25 14:30	PB170735
123-91-1	1,4-Dioxane	1300	1	45.2		170	ug/Kg	11/26/25 14:30	PB170735
58-90-2	2,3,4,6-Tetrachlorophenol	1400	1	27.4		170	ug/Kg	11/26/25 14:30	PB170735

SURROGATES

367-12-4	2-Fluorophenol	112		30 (10) - 130 (105)	75%	SPK: 150
13127-88-3	Phenol-d6	113		30 (10) - 130 (103)	76%	SPK: 150
4165-60-0	Nitrobenzene-d5	77.9		30 (10) - 130 (108)	78%	SPK: 100
321-60-8	2-Fluorobiphenyl	77.8		30 (10) - 130 (108)	78%	SPK: 100
118-79-6	2,4,6-Tribromophenol	107		30 (10) - 130 (116)	72%	SPK: 150
1718-51-0	Terphenyl-d14	76.5		30 (10) - 130 (109)	76%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	62500
1146-65-2	Naphthalene-d8	243000
15067-26-2	Acenaphthene-d10	133000
1517-22-2	Phenanthrene-d10	216000
1719-03-5	Chrysene-d12	135000
1520-96-3	Perylene-d12	165000



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

Report of Analysis

Client:	Roman E&G Corp	Date Collected:	
Project:	MCUA - New Brunswick	Date Received:	
Client Sample ID:	PB170735BS	SDG No.:	Q3604
Lab Sample ID:	PB170735BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
	Level: LOW	Test:	SVOC-TCL BNA -20
Sample Wt/Vol:	30.03 g		
	Final Vol: 1000 uL		
Prep Method :	SW3541		
	Prep Date: 11/25/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

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\BF112625\
 Data File : BF144360.D
 Acq On : 26 Nov 2025 14:30
 Operator : RC/JU
 Sample : PB170735BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB170735BS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
 Supervised By :mohammad ahmed 12/03/2025

Quant Time: Nov 26 14:58:21 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 05 18:37:33 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	62512	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	243072	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	133431	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	215808	20.000	ng	#-0.01
76) Chrysene-d12	14.045	240	134794	20.000	ng	0.00
86) Perylene-d12	15.521	264	165299	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	447382	111.994	ng	0.00
7) Phenol-d6	6.498	99	512886	113.312	ng	0.00
23) Nitrobenzene-d5	7.428	82	328025	77.940	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	179624	107.276	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	702806	77.793	ng	0.00
79) Terphenyl-d14	12.980	244	649091	76.489	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	63396	38.386	ng	97
3) Pyridine	3.446	79	162211	35.205	ng	98
4) n-Nitrosodimethylamine	3.387	42	96312	40.018	ng	85
6) Aniline	6.528	93	201632	31.266	ng	# 87
8) 2-Chlorophenol	6.651	128	171879	43.874	ng	97
9) Benzaldehyde	6.416	77	124314	48.638	ng	99
10) Phenol	6.516	94	224044	40.513	ng	86
11) bis(2-Chloroethyl)ether	6.598	93	178307	44.249	ng	99
12) 1,3-Dichlorobenzene	6.804	146	198783	41.121	ng	98
13) 1,4-Dichlorobenzene	6.881	146	203695	42.059	ng	99
14) 1,2-Dichlorobenzene	7.034	146	196702	42.375	ng	99
15) Benzyl Alcohol	7.004	79	154241	43.035	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.134	45	337314	45.456	ng	90
17) 2-Methylphenol	7.122	107	133053	42.692	ng	96
18) Hexachloroethane	7.369	117	66621	41.405	ng	92
19) n-Nitroso-di-n-propyla...	7.275	70	124149	41.665	ng	97
20) 3+4-Methylphenols	7.275	107	153173	41.693	ng	92
22) Acetophenone	7.275	105	236329	45.322	ng	98
24) Nitrobenzene	7.445	77	186706	40.858	ng	96
25) Isophorone	7.687	82	348682	43.800	ng	98
26) 2-Nitrophenol	7.763	139	99780	44.110	ng	96
27) 2,4-Dimethylphenol	7.798	122	161642	47.676	ng	98
28) bis(2-Chloroethoxy)met...	7.892	93	220667	44.389	ng	98
29) 2,4-Dichlorophenol	8.004	162	161736	41.389	ng	99
30) 1,2,4-Trichlorobenzene	8.086	180	172217	42.919	ng	96
31) Naphthalene	8.169	128	474435	41.032	ng	99
32) Benzoic acid	7.934	122	116638	46.932	ng	93
33) 4-Chloroaniline	8.216	127	109190	25.892	ng	98
34) Hexachlorobutadiene	8.281	225	116667	38.579	ng	99
35) Caprolactam	8.592	113	48709m	45.497	ng	
36) 4-Chloro-3-methylphenol	8.704	107	146282	41.770	ng	99
37) 2-Methylnaphthalene	8.857	142	296221	38.317	ng	100
38) 1-Methylnaphthalene	8.957	142	299567	40.160	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	197809	45.235	ng	99
41) Hexachlorocyclopentadiene	9.010	237	122939	74.159	ng	97
43) 2,4,6-Trichlorophenol	9.139	196	120737	40.566	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
 Data File : BF144360.D
 Acq On : 26 Nov 2025 14:30
 Operator : RC/JU
 Sample : PB170735BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB170735BS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
 Supervised By :mohammad ahmed 12/03/2025

Quant Time: Nov 26 14:58:21 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 05 18:37:33 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	129840	40.476	ng	98
46) 1,1'-Biphenyl	9.322	154	436999	46.919	ng	99
47) 2-Chloronaphthalene	9.351	162	327853	41.266	ng	99
48) 2-Nitroaniline	9.445	65	98103	42.796	ng	96
49) Acenaphthylene	9.763	152	507247	46.852	ng	100
50) Dimethylphthalate	9.622	163	389505	44.064	ng	99
51) 2,6-Dinitrotoluene	9.692	165	83030	46.401	ng	91
52) Acenaphthene	9.939	154	279188	38.562	ng	99
53) 3-Nitroaniline	9.863	138	61989	31.690	ng	96
54) 2,4-Dinitrophenol	9.975	184	83999	77.738	ng	98
55) Dibenzofuran	10.110	168	420507	41.471	ng	98
56) 4-Nitrophenol	10.033	139	91018	64.325	ng	94
57) 2,4-Dinitrotoluene	10.098	165	104056	43.439	ng	97
58) Fluorene	10.457	166	328997	42.675	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.233	232	96596	42.562	ng	99
60) Diethylphthalate	10.322	149	349165	42.849	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	177973	40.527	ng	99
62) 4-Nitroaniline	10.475	138	73519	39.466	ng	90
63) Azobenzene	10.604	77	335293	44.212	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	61656	42.055	ng	95
66) n-Nitrosodiphenylamine	10.563	169	318960	45.953	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	116495	42.291	ng	97
68) Hexachlorobenzene	11.004	284	136422	42.047	ng	97
69) Atrazine	11.092	200	98014	44.403	ng	98
70) Pentachlorophenol	11.204	266	128729	79.676	ng	98
71) Phenanthrene	11.422	178	466230	43.391	ng	99
72) Anthracene	11.469	178	461409	42.232	ng	99
73) Carbazole	11.627	167	388712	41.840	ng	100
74) Di-n-butylphthalate	11.951	149	502995	44.786	ng	98
75) Fluoranthene	12.610	202	454684	40.965	ng	99
77) Benzidine	12.733	184	72952	18.297	ng	99
78) Pyrene	12.839	202	452414	41.627	ng	99
80) Butylbenzylphthalate	13.457	149	168470	44.725	ng	99
81) Benzo(a)anthracene	14.033	228	407888	43.661	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	118978	37.154	ng	97
83) Chrysene	14.068	228	371894	43.123	ng	97
84) Bis(2-ethylhexyl)phtha...	14.010	149	247038	47.908	ng	100
85) Di-n-octyl phthalate	14.627	149	453732	51.000	ng	100
87) Indeno(1,2,3-cd)pyrene	17.033	276	543435	45.798	ng	97
88) Benzo(b)fluoranthene	15.092	252	510236	54.294	ng	99
89) Benzo(k)fluoranthene	15.121	252	395532	44.967	ng	99
90) Benzo(a)pyrene	15.462	252	445511	51.387	ng	98
91) Dibenzo(a,h)anthracene	17.045	278	451681	47.398	ng	99
92) Benzo(g,h,i)perylene	17.486	276	453226	48.162	ng	98

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

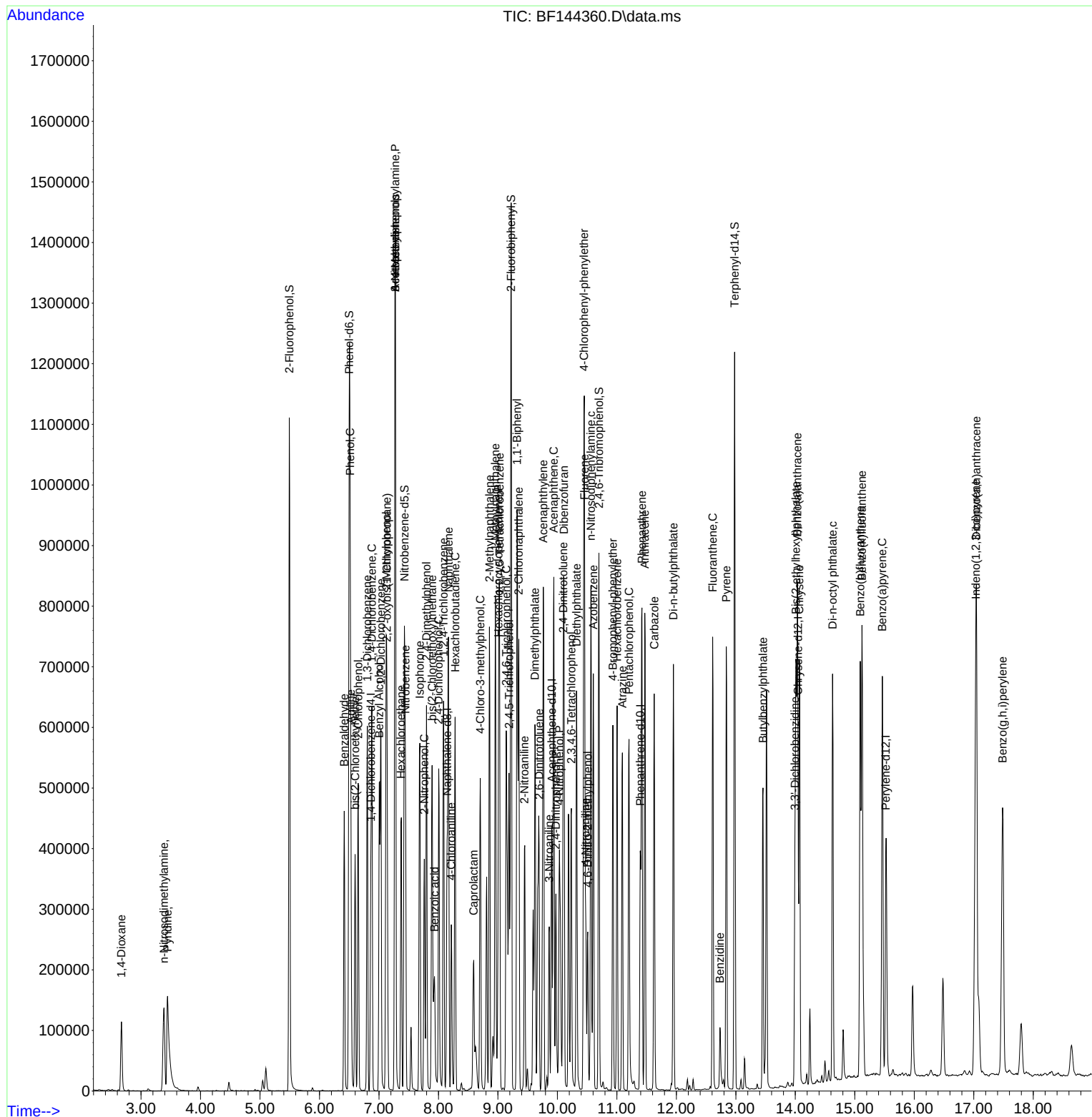
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144360.D
Acq On : 26 Nov 2025 14:30
Operator : RC/JU
Sample : PB170735BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170735BS

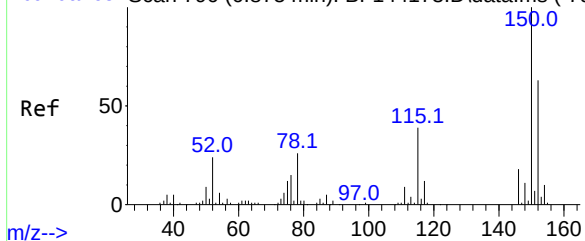
Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

Quant Time: Nov 26 14:58:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration



Abundance Scan 796 (6.875 min): BF144173.D\data.ms (-79)



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.863 min Scan# 79

Delta R.T. -0.012 min

Lab File: BF144360.D

Acq: 26 Nov 2025 14:30

Instrument :

BNA_F

ClientSampleId :

PB170735BS

Tgt Ion:152 Resp: 6251

Ion Ratio Lower Upper

152 100

150 157.8 127.4 191.0

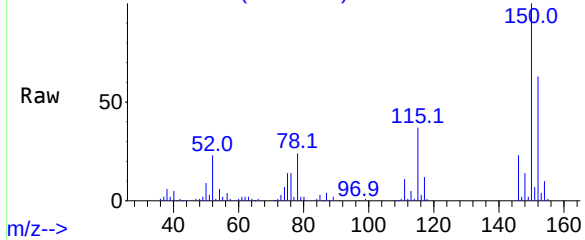
115 58.8 49.5 74.3

Manual Integrations

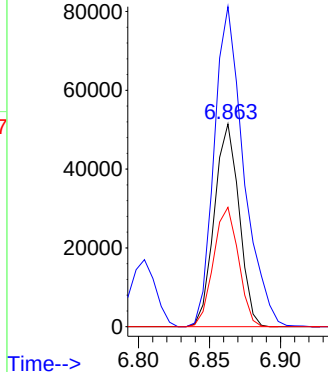
APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

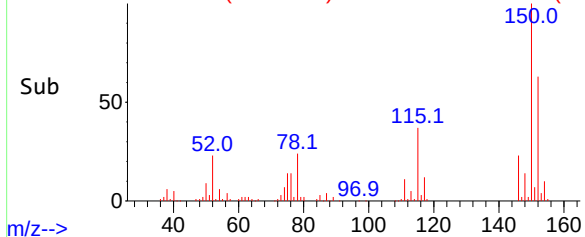
Abundance Scan 794 (6.863 min): BF144360.D\data.ms



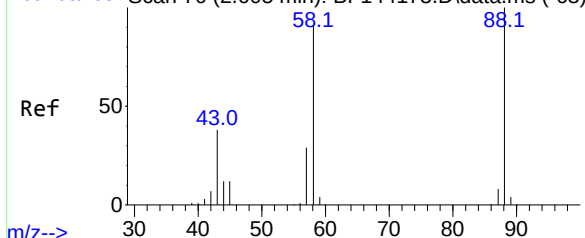
Abundance



Abundance Scan 794 (6.863 min): BF144360.D\data.ms (-77)



Abundance Scan 70 (2.605 min): BF144173.D\data.ms (-63)



#2

1,4-Dioxane

Concen: 38.386 ng

RT: 2.669 min Scan# 81

Delta R.T. 0.053 min

Lab File: BF144360.D

Acq: 26 Nov 2025 14:30

Tgt Ion: 88 Resp: 63396

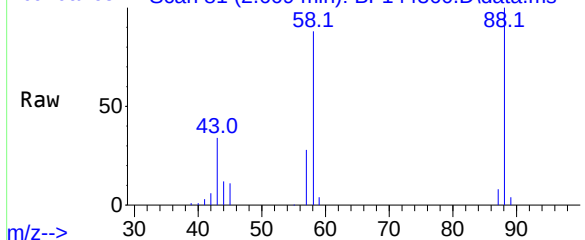
Ion Ratio Lower Upper

88 100

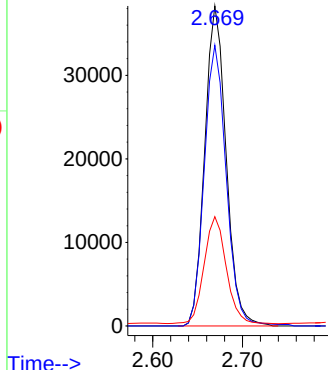
58 90.2 73.1 109.7

43 34.5 31.0 46.6

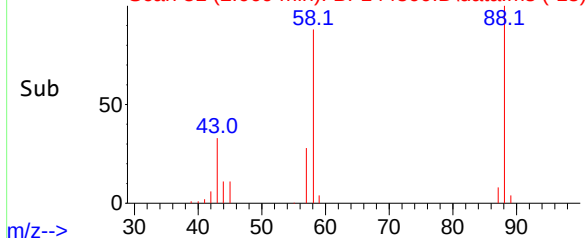
Abundance Scan 81 (2.669 min): BF144360.D\data.ms



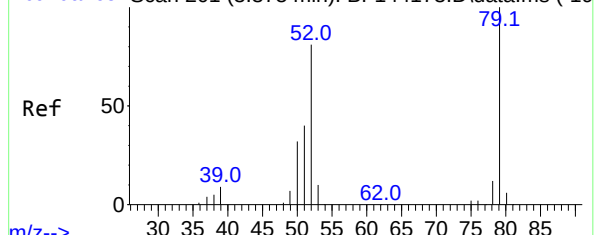
Abundance



Abundance Scan 81 (2.669 min): BF144360.D\data.ms (-13)



Abundance Scan 201 (3.375 min): BF144173.D\data.ms (-19



#3

Pyridine

Concen: 35.205 ng

RT: 3.446 min Scan# 21

Delta R.T. 0.035 min

Lab File: BF144360.D

Acq: 26 Nov 2025 14:30

Instrument :

BNA_F

ClientSampleId :

PB170735BS

Tgt Ion: 79 Resp: 16221

Ion Ratio Lower Upper

79 100

52 81.6 64.5 96.7

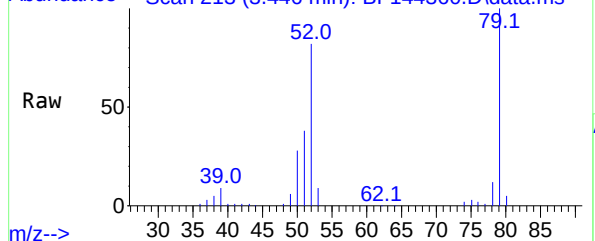
51 37.6 31.7 47.5

Manual Integrations

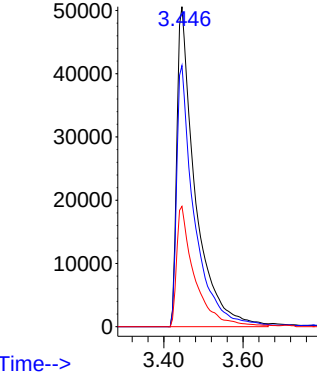
APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

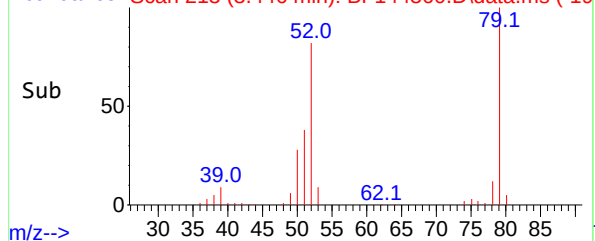
Abundance Scan 213 (3.446 min): BF144360.D\data.ms



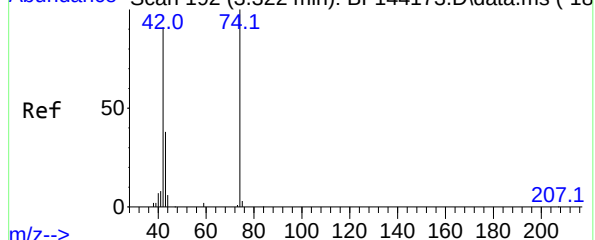
Abundance



Abundance Scan 213 (3.446 min): BF144360.D\data.ms (-19



Abundance Scan 192 (3.322 min): BF144173.D\data.ms (-18



#4

n-Nitrosodimethylamine

Concen: 40.018 ng

RT: 3.387 min Scan# 203

Delta R.T. 0.041 min

Lab File: BF144360.D

Acq: 26 Nov 2025 14:30

Tgt Ion: 42 Resp: 96312

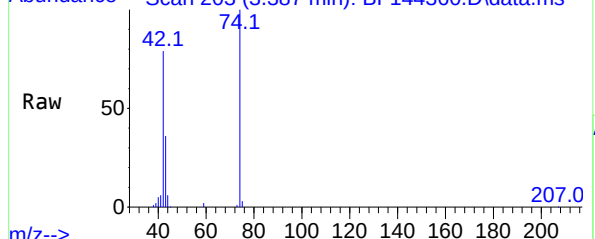
Ion Ratio Lower Upper

42 100

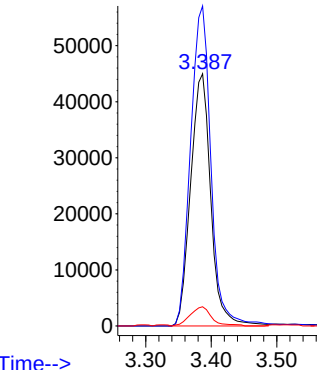
74 126.9 88.2 132.4

44 7.6 5.7 8.5

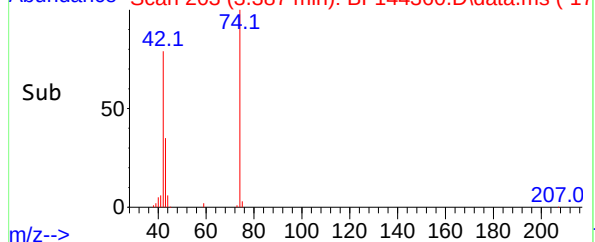
Abundance Scan 203 (3.387 min): BF144360.D\data.ms



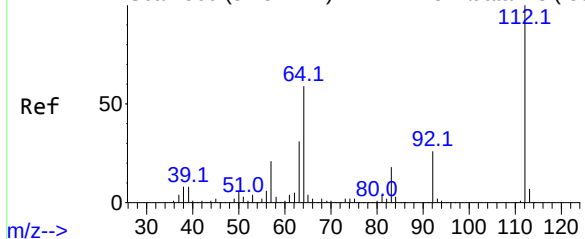
Abundance



Abundance Scan 203 (3.387 min): BF144360.D\data.ms (-17



Abundance Scan 560 (5.487 min): BF144173.D\data.ms (-55



#5

2-Fluorophenol

Concen: 111.994 ng

RT: 5.493 min Scan# 50

Delta R.T. -0.000 min

Lab File: BF144360.D

Acq: 26 Nov 2025 14:30

Instrument :

BNA_F

ClientSampleId :

PB170735BS

Tgt Ion:112 Resp: 44738

Ion Ratio Lower Upper

112 100

64 59.6 47.2 70.8

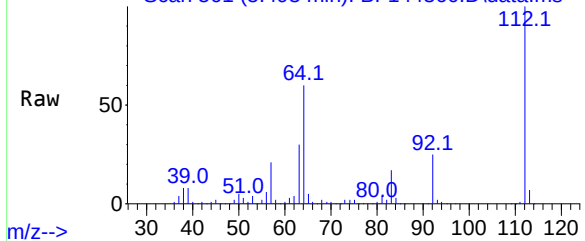
63 30.3 24.4 36.6

Manual Integrations

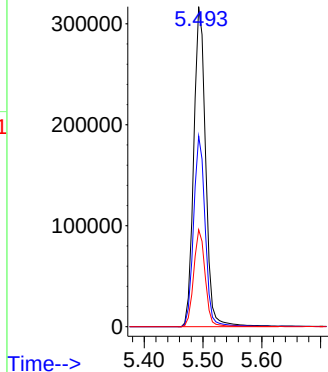
APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

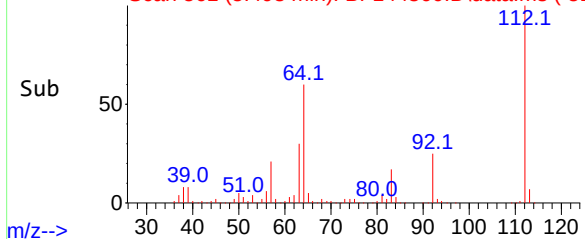
Abundance Scan 561 (5.493 min): BF144360.D\data.ms



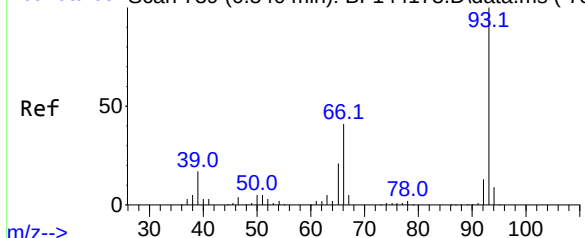
Abundance



Abundance Scan 561 (5.493 min): BF144360.D\data.ms (-51



Abundance Scan 739 (6.540 min): BF144173.D\data.ms (-73



#6

Aniline

Concen: 31.266 ng

RT: 6.528 min Scan# 737

Delta R.T. -0.006 min

Lab File: BF144360.D

Acq: 26 Nov 2025 14:30

Tgt Ion: 93 Resp: 201632

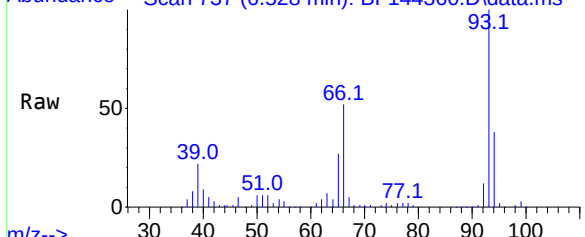
Ion Ratio Lower Upper

93 100

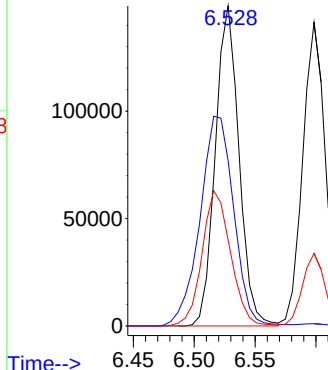
66 51.7 34.3 51.5#

65 26.8 16.9 25.3#

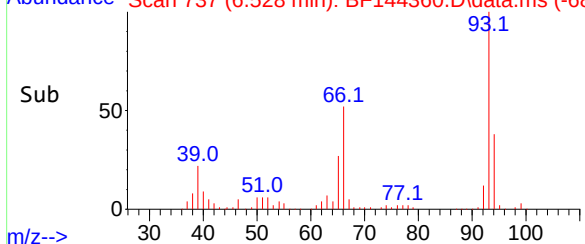
Abundance Scan 737 (6.528 min): BF144360.D\data.ms



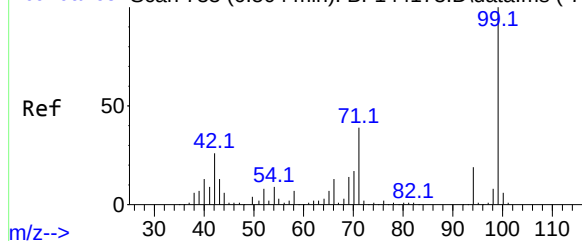
Abundance



Abundance Scan 737 (6.528 min): BF144360.D\data.ms (-68



Abundance Scan 733 (6.504 min): BF144173.D\data.ms (-72



#7

Phenol-d6

Concen: 113.312 ng

RT: 6.498 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF144360.D

Acq: 26 Nov 2025 14:30

Instrument :

BNA_F

ClientSampleId :

PB170735BS

Tgt Ion: 99 Resp: 51288

Ion Ratio Lower Upper

99 100

42 25.4 20.9 31.3

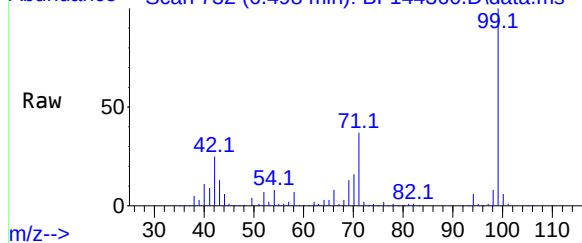
71 36.8 31.4 47.2

Manual Integrations

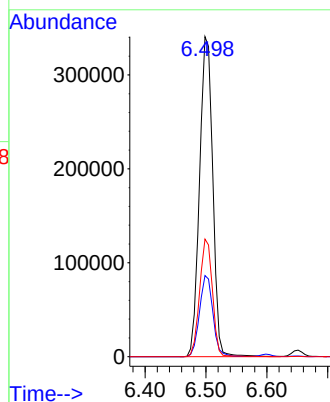
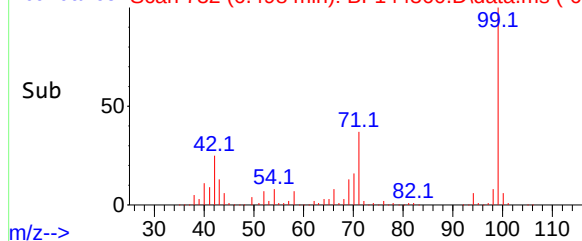
APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

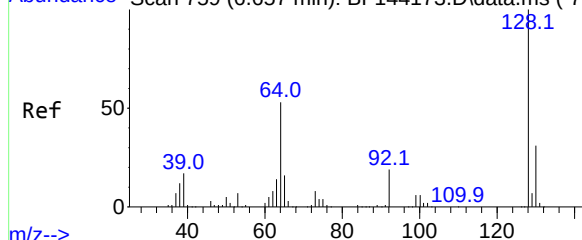
Abundance Scan 732 (6.498 min): BF144360.D\data.ms



Abundance Scan 732 (6.498 min): BF144360.D\data.ms (-68



Abundance Scan 759 (6.657 min): BF144173.D\data.ms (-75



#8

2-Chlorophenol

Concen: 43.874 ng

RT: 6.651 min Scan# 758

Delta R.T. -0.006 min

Lab File: BF144360.D

Acq: 26 Nov 2025 14:30

Tgt Ion:128 Resp: 171879

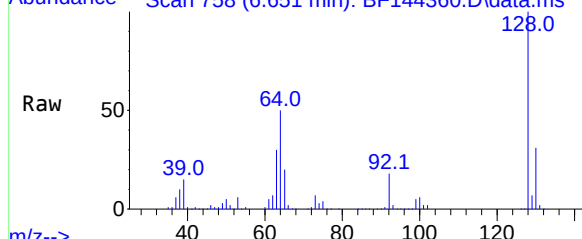
Ion Ratio Lower Upper

128 100

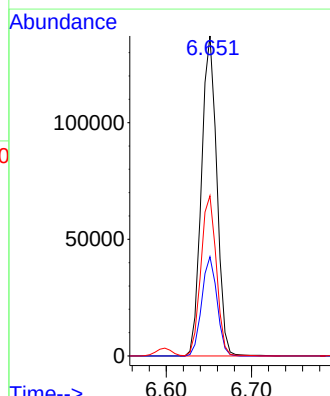
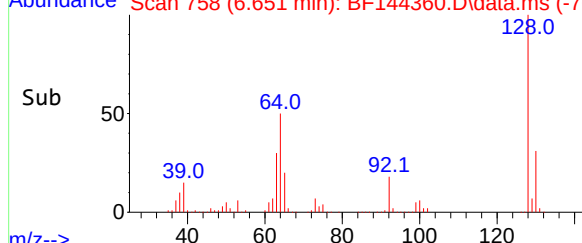
130 31.0 10.5 50.5

64 50.1 33.2 73.2

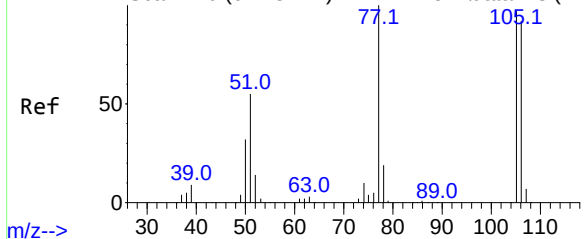
Abundance Scan 758 (6.651 min): BF144360.D\data.ms



Abundance Scan 758 (6.651 min): BF144360.D\data.ms (-70



Abundance Scan 720 (6.428 min): BF144173.D\data.ms (-71



#9

Benzaldehyde

Concen: 48.638 ng

RT: 6.416 min Scan# 718

Delta R.T. -0.012 min

Lab File: BF144360.D

Acq: 26 Nov 2025 14:30

Instrument :

BNA_F

ClientSampleId :

PB170735BS

Tgt Ion: 77 Resp: 124314

Ion Ratio Lower Upper

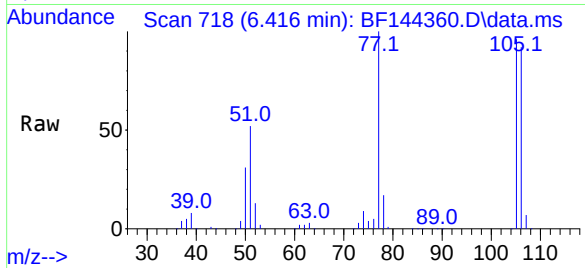
77 100

105 96.0 77.2 117.2

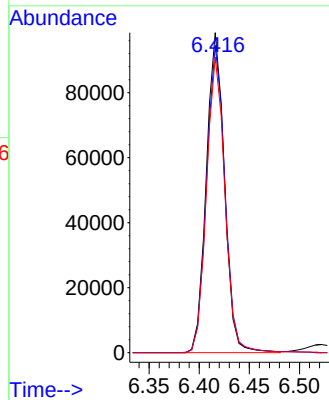
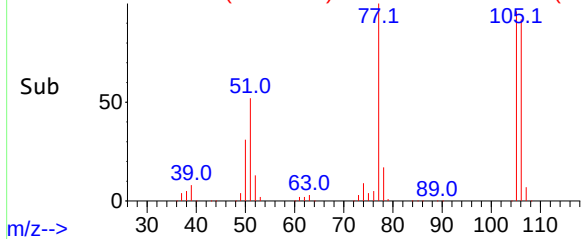
106 92.4 72.2 112.2

Manual Integrations

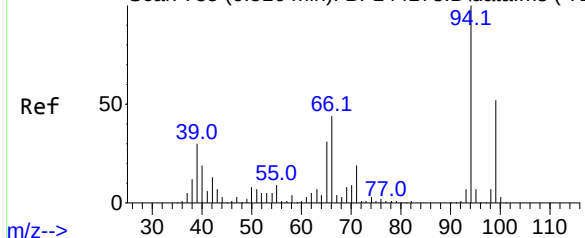
APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

Abundance Scan 718 (6.416 min): BF144360.D\data.ms (-66



Abundance Scan 735 (6.516 min): BF144173.D\data.ms (-72



#10

Phenol

Concen: 40.513 ng

RT: 6.516 min Scan# 735

Delta R.T. 0.006 min

Lab File: BF144360.D

Acq: 26 Nov 2025 14:30

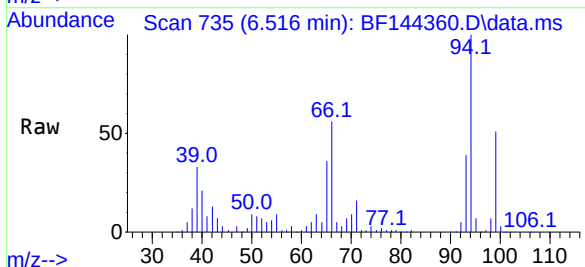
Tgt Ion: 94 Resp: 224044

Ion Ratio Lower Upper

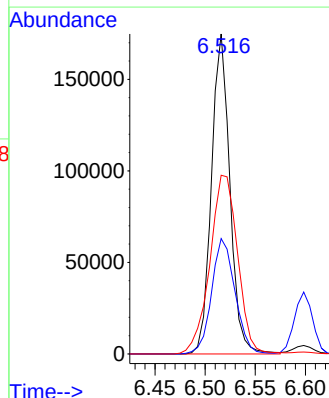
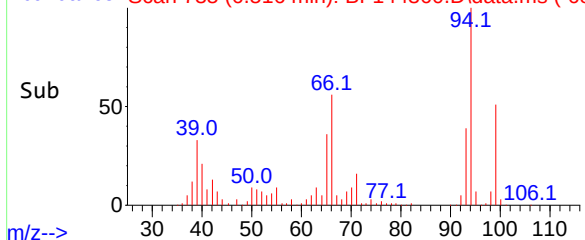
94 100

65 36.1 10.8 50.8

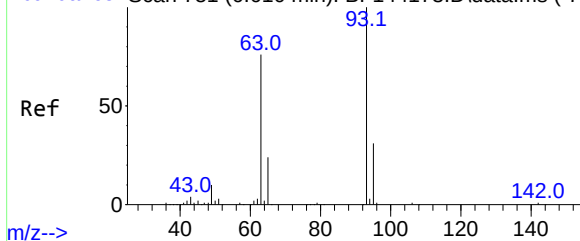
66 55.9 24.3 64.3



Abundance Scan 735 (6.516 min): BF144360.D\data.ms (-68



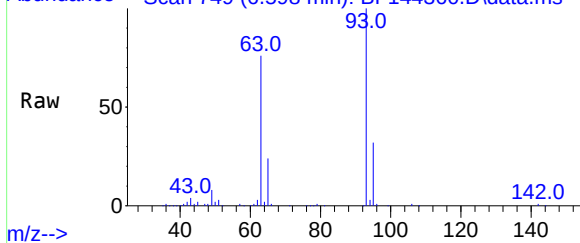
Abundance Scan 751 (6.610 min): BF144173.D\data.ms (-74



#11
bis(2-Chloroethyl)ether
Concen: 44.249 ng
RT: 6.598 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Instrument :
BNA_F
ClientSampleId :
PB170735BS

Abundance Scan 749 (6.598 min): BF144360.D\data.ms

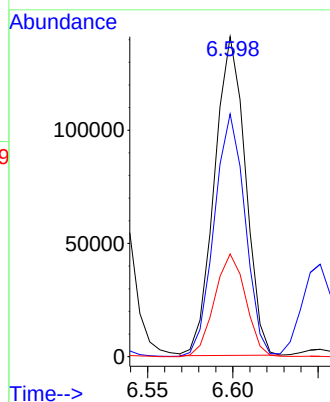
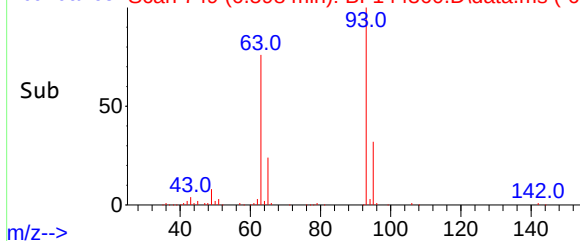


Tgt Ion: 93 Resp: 17830
Ion Ratio Lower Upper
93 100
63 75.8 55.2 95.2
95 32.1 11.2 51.2

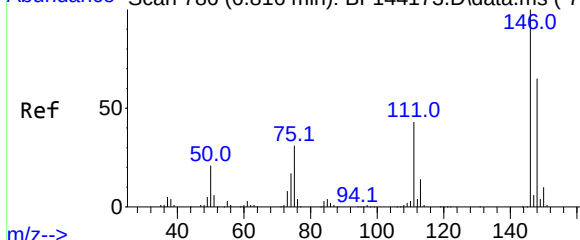
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

Abundance Scan 749 (6.598 min): BF144360.D\data.ms (-69



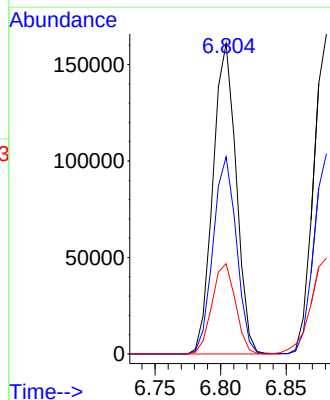
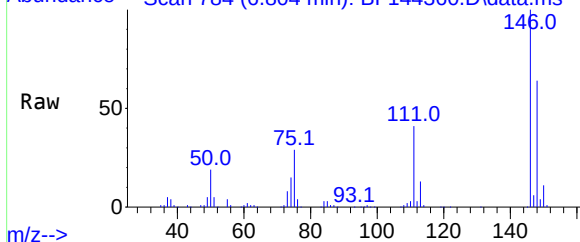
Abundance Scan 786 (6.816 min): BF144173.D\data.ms (-78



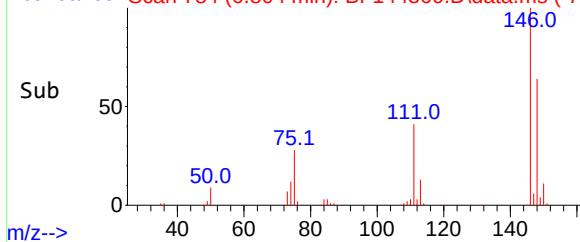
#12
1,3-Dichlorobenzene
Concen: 41.121 ng
RT: 6.804 min Scan# 784
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:146 Resp: 198783
Ion Ratio Lower Upper
146 100
148 63.5 51.8 77.8
75 29.1 25.0 37.4

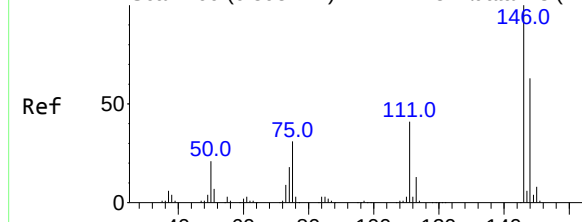
Abundance Scan 784 (6.804 min): BF144360.D\data.ms



Abundance Scan 784 (6.804 min): BF144360.D\data.ms (-73

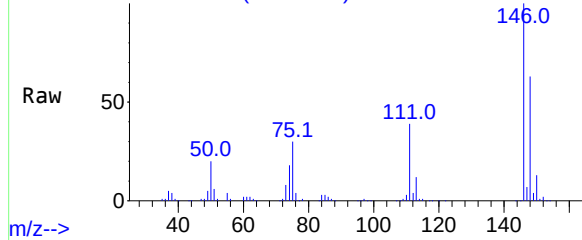


Abundance Scan 799 (6.893 min): BF144173.D\data.ms (-79



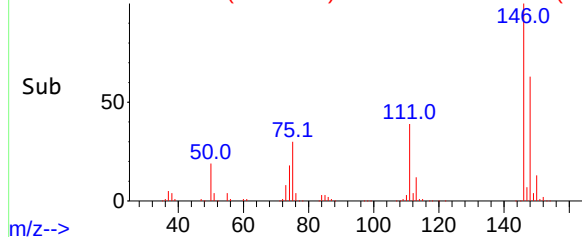
m/z-->

Abundance Scan 797 (6.881 min): BF144360.D\data.ms



m/z-->

Abundance Scan 797 (6.881 min): BF144360.D\data.ms (-74



m/z-->

#13

1,4-Dichlorobenzene

Concen: 42.059 ng

RT: 6.881 min Scan# 797

Delta R.T. -0.012 min

Lab File: BF144360.D

Acq: 26 Nov 2025 14:30

Instrument :

BNA_F

ClientSampleId :

PB170735BS

Tgt Ion:146 Resp: 20369

Ion Ratio Lower Upper

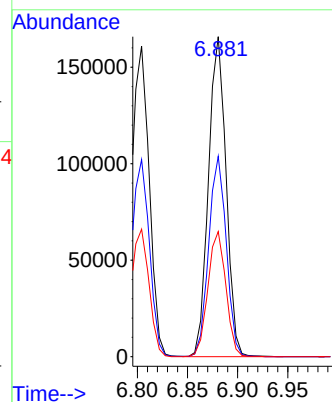
146 100

148 62.6 50.2 75.2

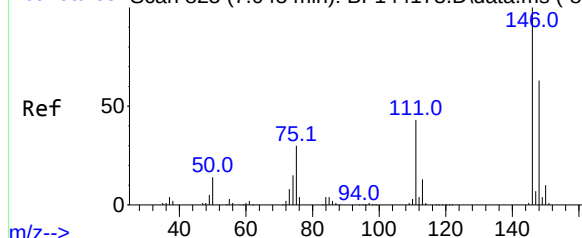
111 39.1 32.6 48.8

Manual Integrations

APPROVED

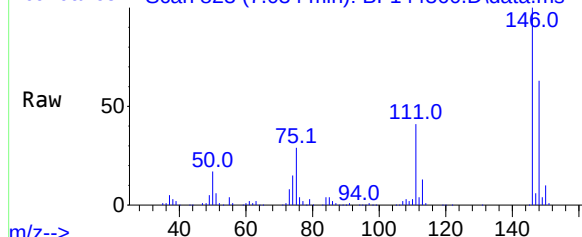
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

Abundance Scan 825 (7.045 min): BF144173.D\data.ms (-81



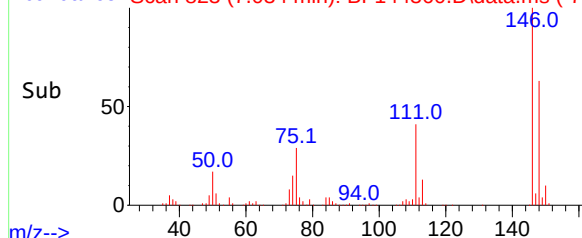
m/z-->

Abundance Scan 823 (7.034 min): BF144360.D\data.ms



m/z-->

Abundance Scan 823 (7.034 min): BF144360.D\data.ms (-77



m/z-->

#14

1,2-Dichlorobenzene

Concen: 42.375 ng

RT: 7.034 min Scan# 823

Delta R.T. -0.012 min

Lab File: BF144360.D

Acq: 26 Nov 2025 14:30

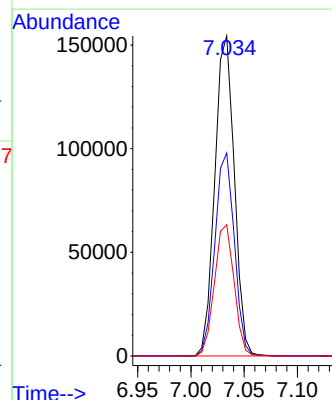
Tgt Ion:146 Resp: 196702

Ion Ratio Lower Upper

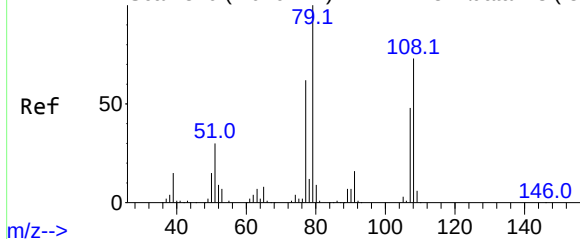
146 100

148 63.5 50.7 76.1

111 41.0 34.2 51.4



Abundance Scan 820 (7.016 min): BF144173.D\data.ms (-81



#15

Benzyl Alcohol

Concen: 43.035 ng

RT: 7.004 min Scan# 81

Delta R.T. -0.018 min

Lab File: BF144360.D

Acq: 26 Nov 2025 14:30

Instrument :

BNA_F

ClientSampleId :

PB170735BS

Tgt Ion: 79 Resp: 15424

Ion Ratio Lower Upper

79 100

108 74.0 58.2 87.4

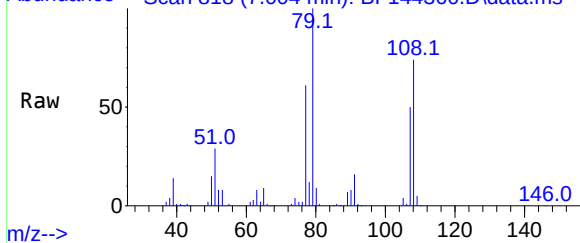
77 61.4 49.9 74.9

Manual Integrations

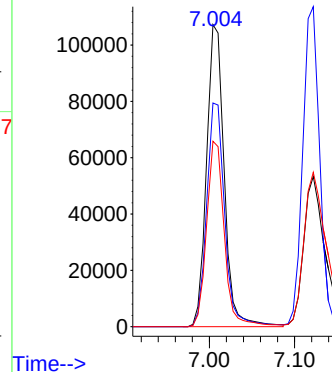
APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

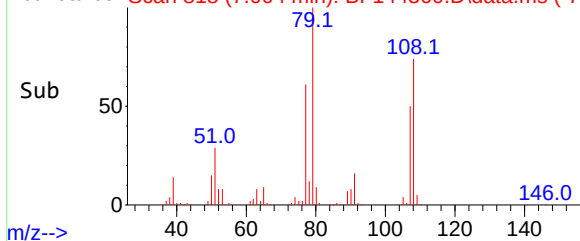
Abundance Scan 818 (7.004 min): BF144360.D\data.ms



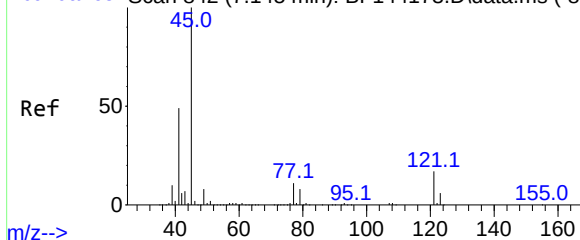
Abundance



Abundance Scan 818 (7.004 min): BF144360.D\data.ms (-77



Abundance Scan 842 (7.145 min): BF144173.D\data.ms (-83



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.456 ng

RT: 7.134 min Scan# 840

Delta R.T. -0.006 min

Lab File: BF144360.D

Acq: 26 Nov 2025 14:30

Tgt Ion: 45 Resp: 337314

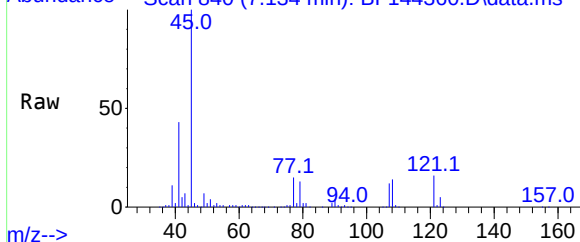
Ion Ratio Lower Upper

45 100

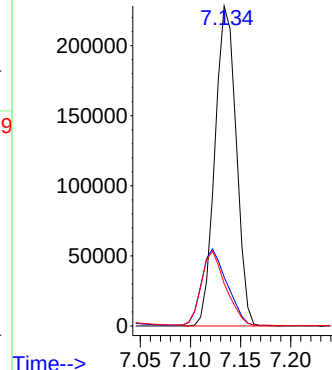
77 15.3 0.0 31.8

79 13.2 0.0 29.1

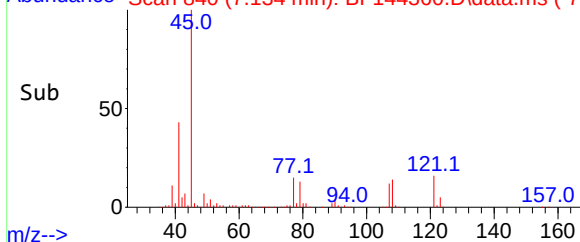
Abundance Scan 840 (7.134 min): BF144360.D\data.ms



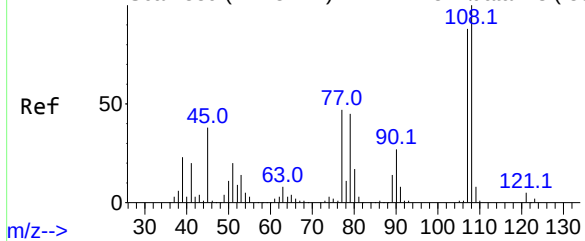
Abundance



Abundance Scan 840 (7.134 min): BF144360.D\data.ms (-79



Abundance Scan 839 (7.128 min): BF144173.D\data.ms (-83



#17

2-Methylphenol

Concen: 42.692 ng

RT: 7.122 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF144360.D

Acq: 26 Nov 2025 14:30

Instrument :

BNA_F

ClientSampleId :

PB170735BS

Tgt Ion:107 Resp: 13305

Ion Ratio Lower Upper

107 100

108 117.9 91.0 136.4

77 56.9 42.7 64.1

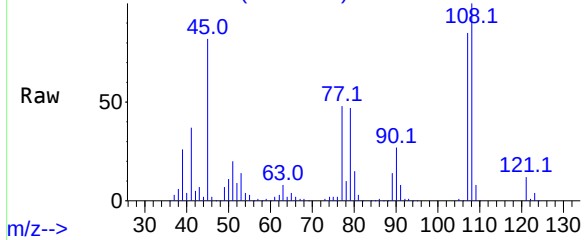
79 55.4 41.4 62.2

Manual Integrations

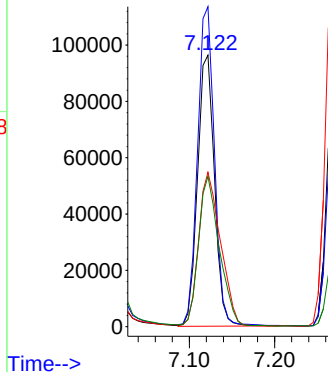
APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

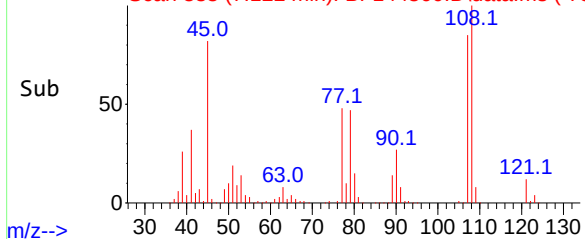
Abundance Scan 838 (7.122 min): BF144360.D\data.ms



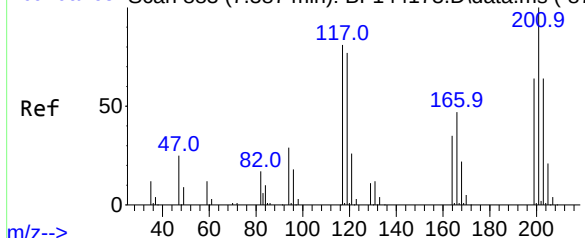
Abundance



Abundance Scan 838 (7.122 min): BF144360.D\data.ms (-78



Abundance Scan 883 (7.387 min): BF144173.D\data.ms (-87



#18

Hexachloroethane

Concen: 41.405 ng

RT: 7.369 min Scan# 880

Delta R.T. -0.018 min

Lab File: BF144360.D

Acq: 26 Nov 2025 14:30

Tgt Ion:117 Resp: 66621

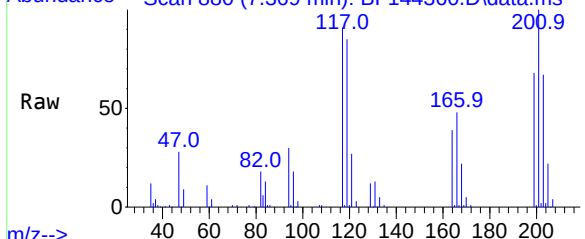
Ion Ratio Lower Upper

117 100

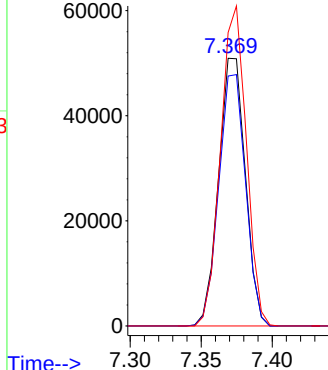
119 93.4 75.8 113.8

201 109.7 98.9 148.3

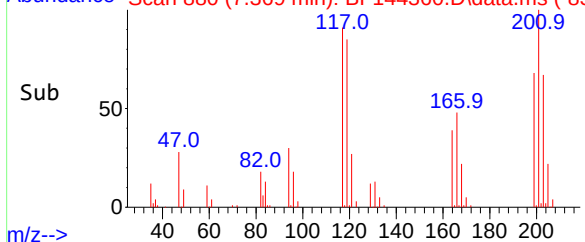
Abundance Scan 880 (7.369 min): BF144360.D\data.ms

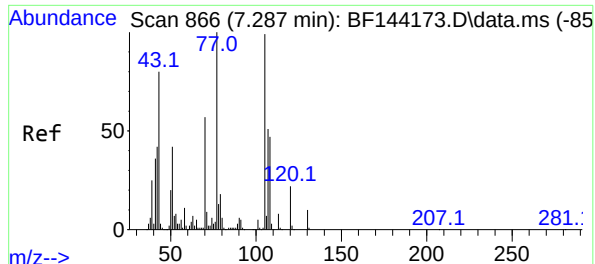


Abundance



Abundance Scan 880 (7.369 min): BF144360.D\data.ms (-83





#19

n-Nitroso-di-n-propylamine

Concen: 41.665 ng

RT: 7.275 min Scan# 864

Delta R.T. -0.000 min

Lab File: BF144360.D

Acq: 26 Nov 2025 14:30

Instrument :

BNA_F

ClientSampleId :

PB170735BS

Tgt Ion: 70 Resp: 124149

Ion Ratio Lower Upper

70 100

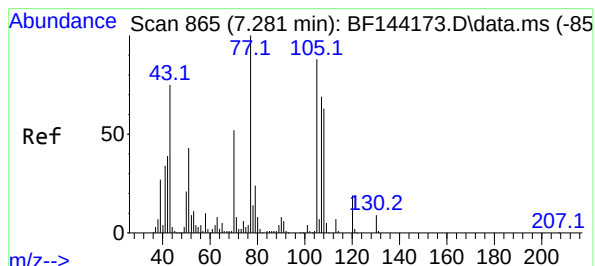
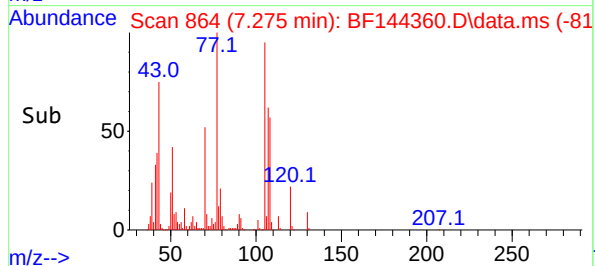
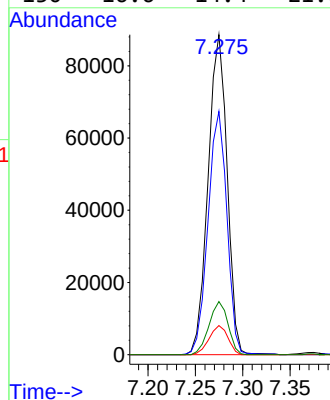
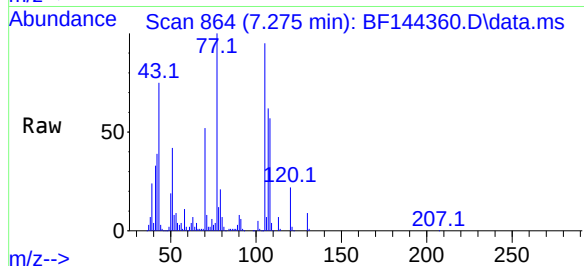
42 76.0 58.3 87.5

101 9.1 7.0 10.6

130 16.6 14.4 21.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

#20

3+4-Methylphenols

Concen: 41.693 ng

RT: 7.275 min Scan# 864

Delta R.T. -0.012 min

Lab File: BF144360.D

Acq: 26 Nov 2025 14:30

Tgt Ion:107 Resp: 153173

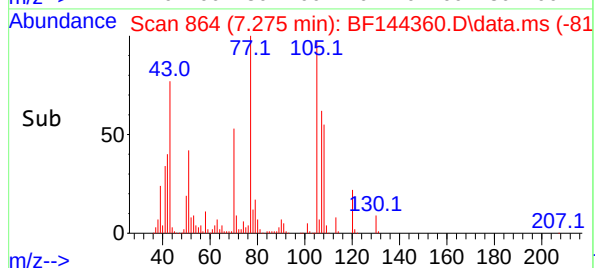
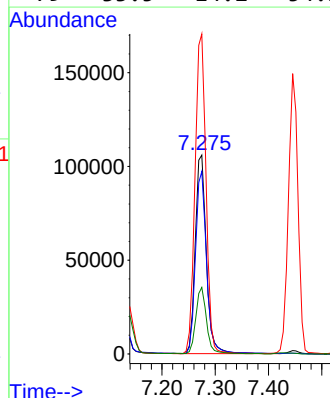
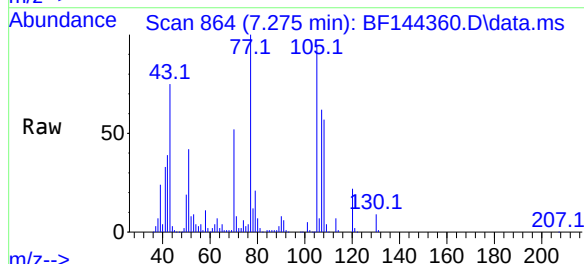
Ion Ratio Lower Upper

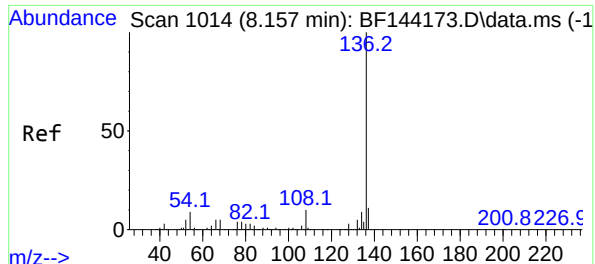
107 100

108 91.7 70.2 110.2

77 160.9 123.9 163.9

79 33.5 14.2 54.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.145 min Scan# 1014

Delta R.T. -0.012 min

Lab File: BF144360.D

Acq: 26 Nov 2025 14:30

Instrument :

BNA_F

ClientSampleId :

PB170735BS

Tgt Ion:136 Resp: 243072

Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

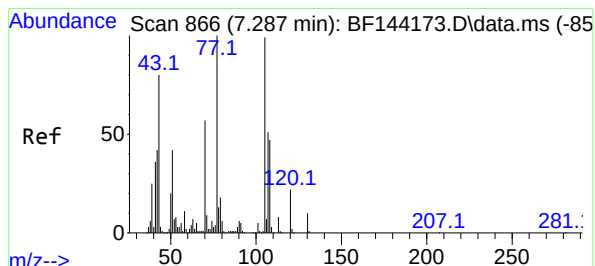
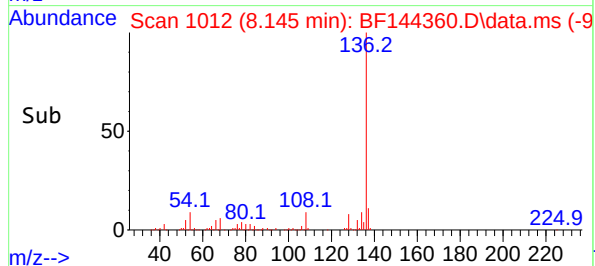
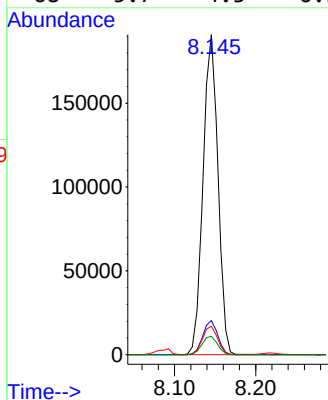
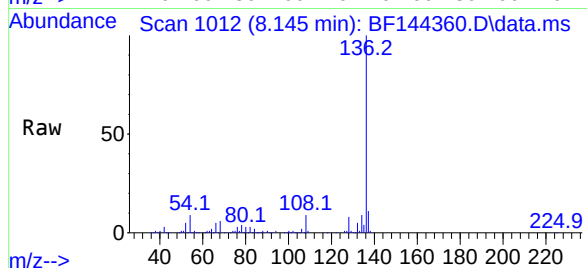
54 8.9 7.0 10.6

68 5.7 4.3 6.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
 Supervised By :mohammad ahmed 12/03/2025



#22

Acetophenone

Concen: 45.322 ng

RT: 7.275 min Scan# 864

Delta R.T. -0.006 min

Lab File: BF144360.D

Acq: 26 Nov 2025 14:30

Tgt Ion:105 Resp: 236329

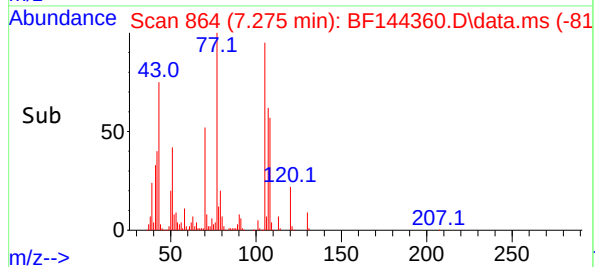
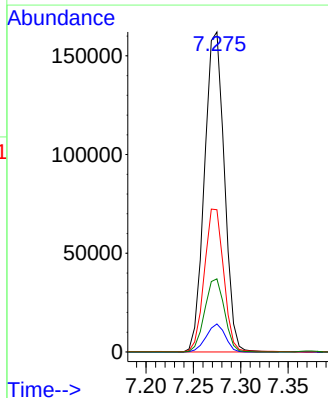
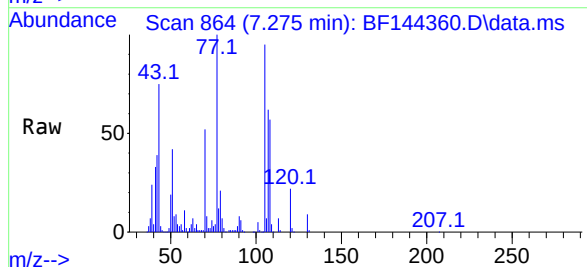
Ion Ratio Lower Upper

105 100

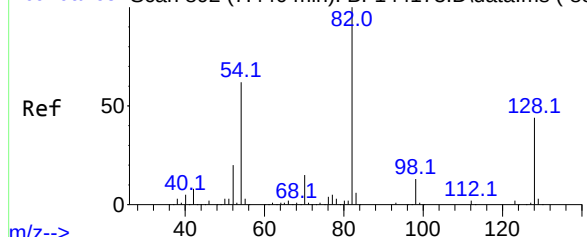
71 8.7 7.2 10.8

51 44.4 34.0 51.0

120 22.8 17.8 26.6



Abundance Scan 892 (7.440 min): BF144173.D\data.ms (-88



#23

Nitrobenzene-d5

Concen: 77.940 ng

RT: 7.428 min Scan# 892

Delta R.T. -0.006 min

Lab File: BF144360.D

Acq: 26 Nov 2025 14:30

Instrument :

BNA_F

ClientSampleId :

PB170735BS

Tgt Ion: 82 Resp: 328025

Ion Ratio Lower Upper

82 100

128 44.0 34.7 52.1

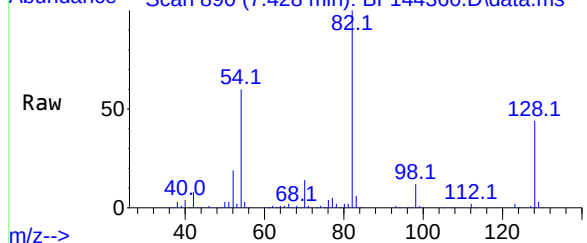
54 60.1 49.5 74.3

Manual Integrations

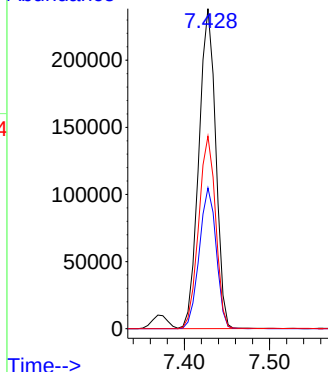
APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

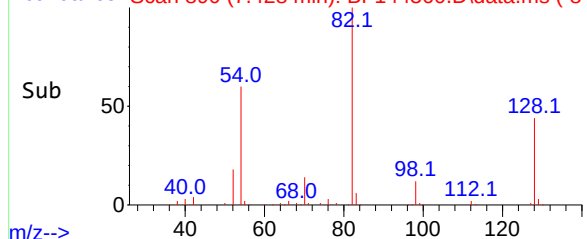
Abundance Scan 890 (7.428 min): BF144360.D\data.ms



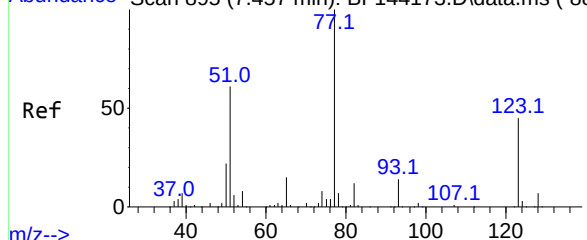
Abundance



Abundance Scan 890 (7.428 min): BF144360.D\data.ms (-84



Abundance Scan 895 (7.457 min): BF144173.D\data.ms (-88



#24

Nitrobenzene

Concen: 40.858 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.006 min

Lab File: BF144360.D

Acq: 26 Nov 2025 14:30

Tgt Ion: 77 Resp: 186706

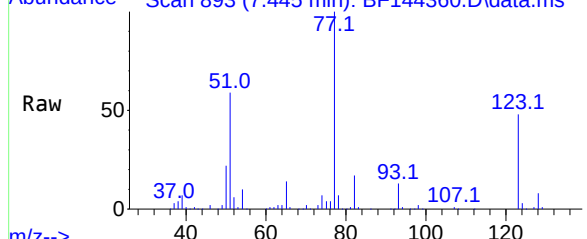
Ion Ratio Lower Upper

77 100

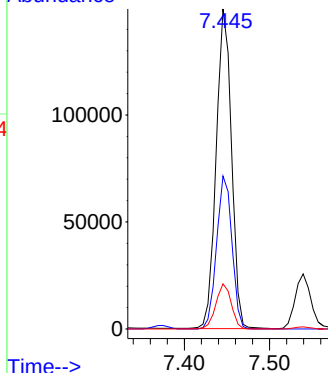
123 47.8 35.8 53.8

65 14.1 12.2 18.2

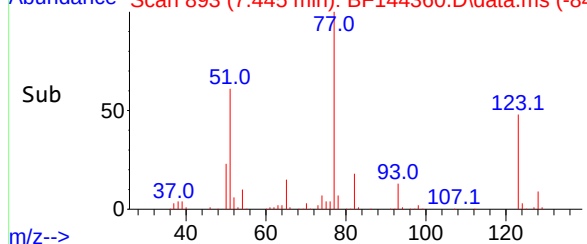
Abundance Scan 893 (7.445 min): BF144360.D\data.ms

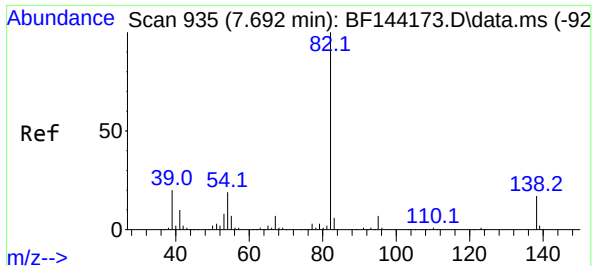


Abundance



Abundance Scan 893 (7.445 min): BF144360.D\data.ms (-84





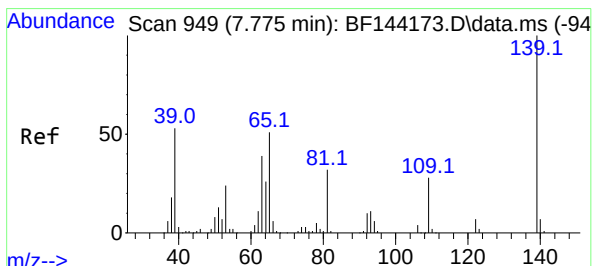
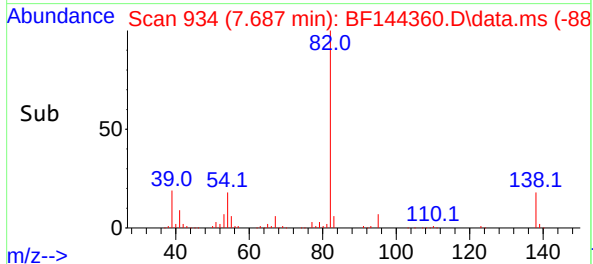
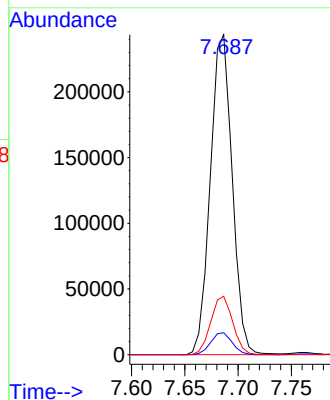
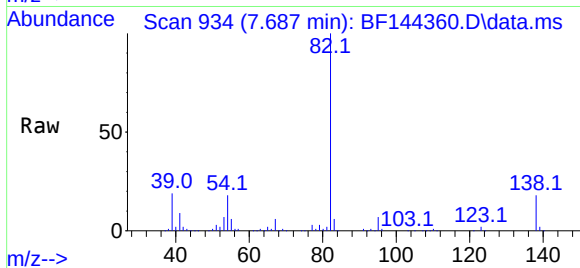
#25
Isophorone
Concen: 43.800 ng
RT: 7.687 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Instrument :
BNA_F
ClientSampleId :
PB170735BS

Tgt Ion: 82 Resp: 34868
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 18.3 13.7 20.5

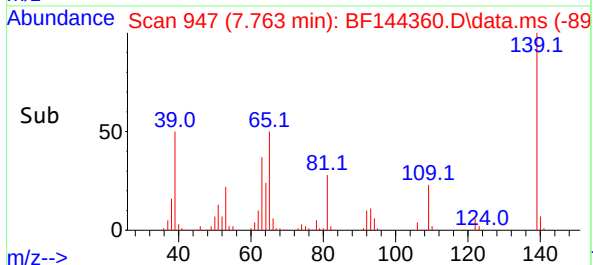
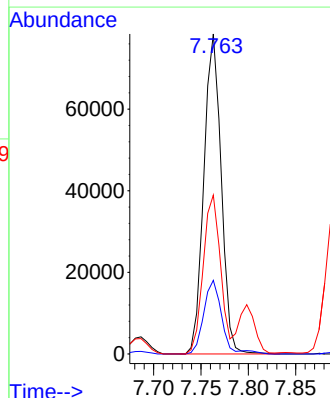
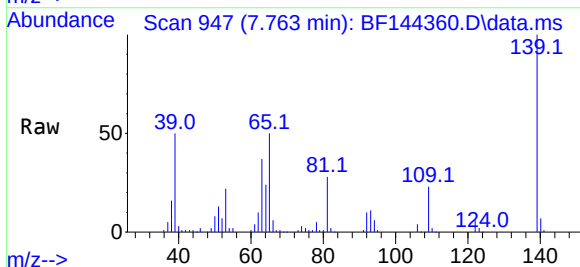
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

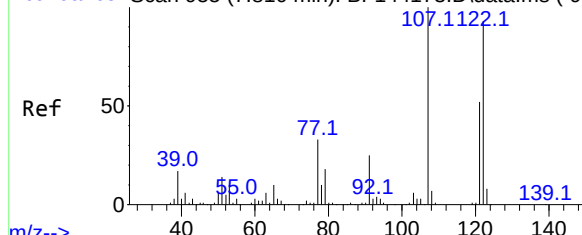


#26
2-Nitrophenol
Concen: 44.110 ng
RT: 7.763 min Scan# 947
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:139 Resp: 99780
Ion Ratio Lower Upper
139 100
109 23.0 22.2 33.2
65 49.6 40.7 61.1



Abundance Scan 955 (7.810 min): BF144173.D\data.ms (-94



#27

2,4-Dimethylphenol

Concen: 47.676 ng

RT: 7.798 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF144360.D

Acq: 26 Nov 2025 14:30

Instrument :

BNA_F

ClientSampleId :

PB170735BS

Tgt Ion:122 Resp: 16164

Ion Ratio Lower Upper

122 100

107 105.5 86.2 129.4

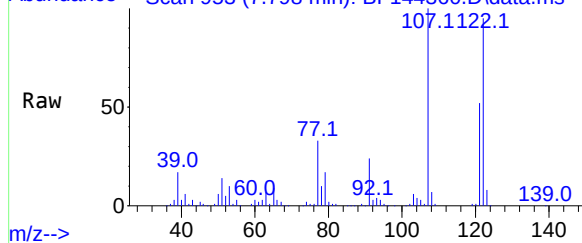
121 55.0 44.6 66.8

Manual Integrations

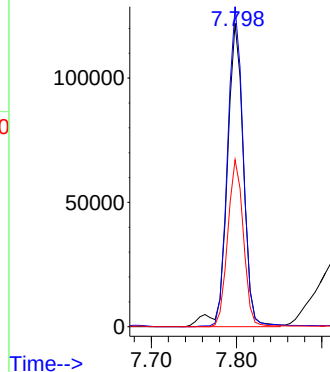
APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

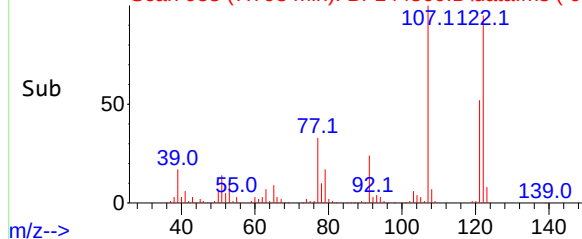
Abundance Scan 953 (7.798 min): BF144360.D\data.ms



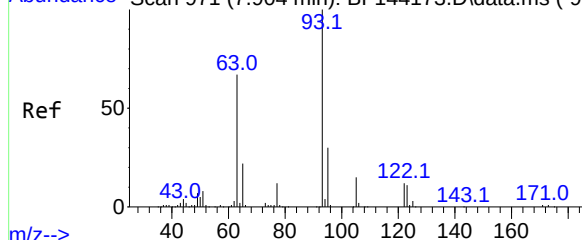
Abundance



Abundance Scan 953 (7.798 min): BF144360.D\data.ms (-90



Abundance Scan 971 (7.904 min): BF144173.D\data.ms (-96



#28

bis(2-Chloroethoxy)methane

Concen: 44.389 ng

RT: 7.892 min Scan# 969

Delta R.T. -0.006 min

Lab File: BF144360.D

Acq: 26 Nov 2025 14:30

Tgt Ion: 93 Resp: 220667

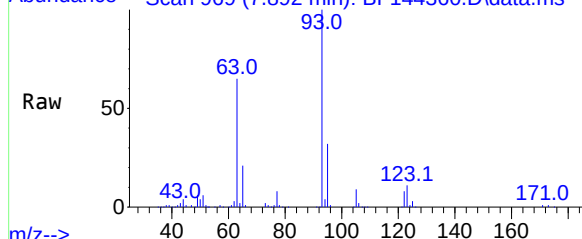
Ion Ratio Lower Upper

93 100

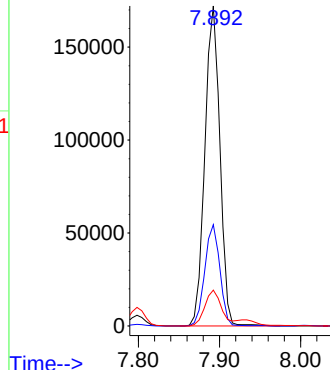
95 31.7 24.2 36.4

123 11.2 9.0 13.4

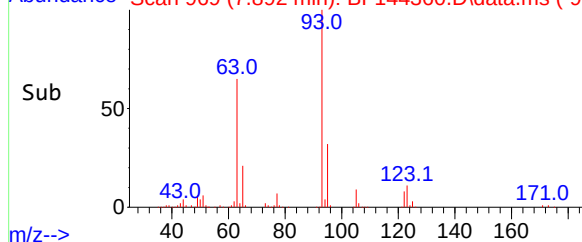
Abundance Scan 969 (7.892 min): BF144360.D\data.ms



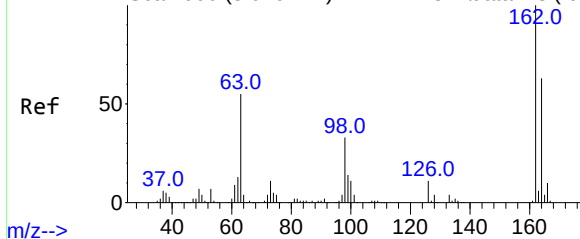
Abundance



Abundance Scan 969 (7.892 min): BF144360.D\data.ms (-91



Abundance Scan 990 (8.016 min): BF144173.D\data.ms (-98



#29

2,4-Dichlorophenol

Concen: 41.389 ng

RT: 8.004 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF144360.D

Acq: 26 Nov 2025 14:30

Instrument :

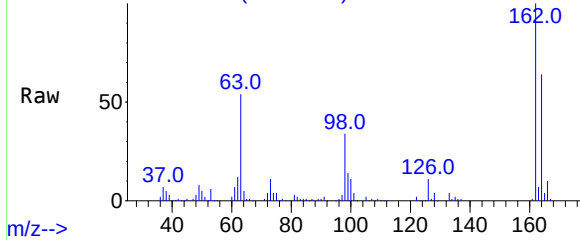
BNA_F

ClientSampleId :

PB170735BS

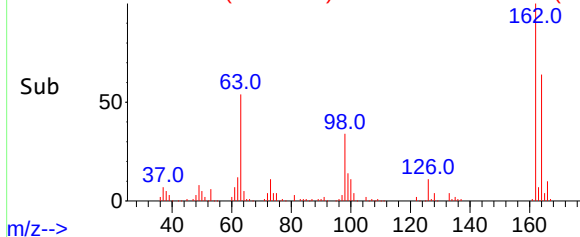
m/z-->

Abundance Scan 988 (8.004 min): BF144360.D\data.ms



m/z-->

Abundance Scan 988 (8.004 min): BF144360.D\data.ms (-93



m/z-->

Tgt Ion:162 Resp: 161730

Ion Ratio Lower Upper

162 100

164 63.5 42.9 82.9

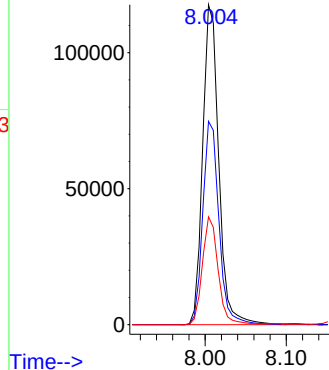
98 33.7 13.3 53.3

Manual Integrations

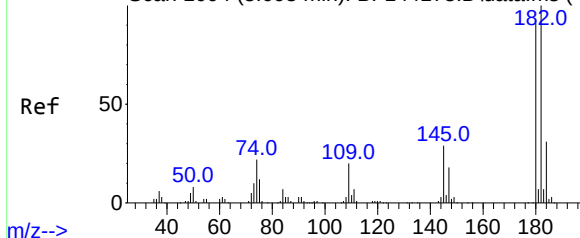
APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

Abundance

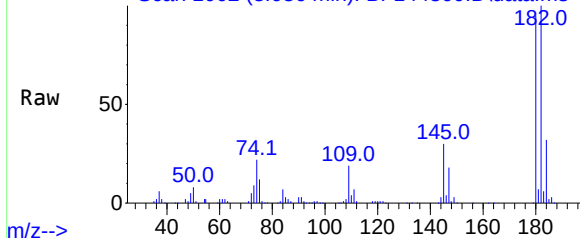


Abundance Scan 1004 (8.098 min): BF144173.D\data.ms (-9



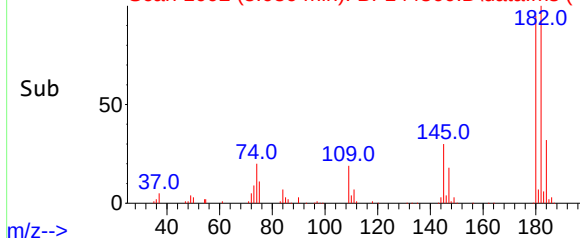
m/z-->

Abundance Scan 1002 (8.086 min): BF144360.D\data.ms



m/z-->

Abundance Scan 1002 (8.086 min): BF144360.D\data.ms (-9



m/z-->

#30

1,2,4-Trichlorobenzene

Concen: 42.919 ng

RT: 8.086 min Scan# 1002

Delta R.T. -0.012 min

Lab File: BF144360.D

Acq: 26 Nov 2025 14:30

Tgt Ion:180 Resp: 172217

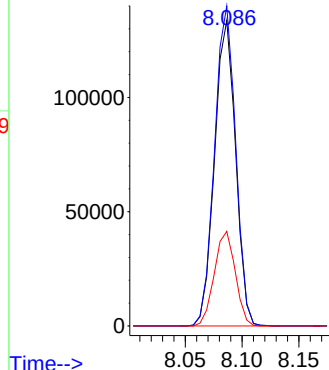
Ion Ratio Lower Upper

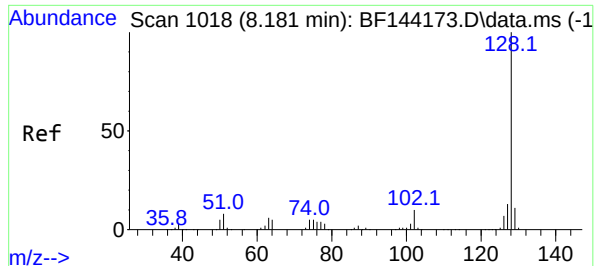
180 100

182 104.7 87.7 131.5

145 30.9 25.4 38.0

Abundance





#31

Naphthalene

Concen: 41.032 ng

RT: 8.169 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF144360.D

Acq: 26 Nov 2025 14:30

Instrument :

BNA_F

ClientSampleId :

PB170735BS

Tgt Ion:128 Resp: 47443

Ion Ratio Lower Upper

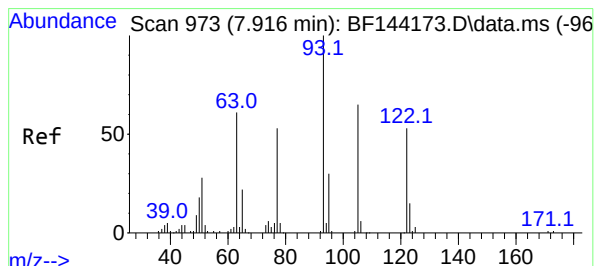
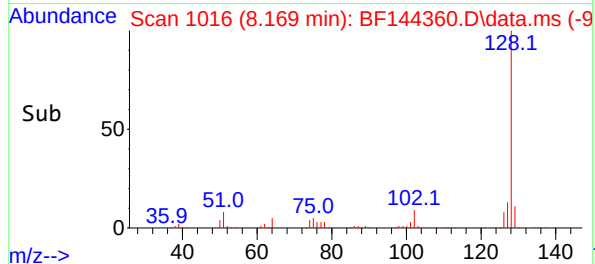
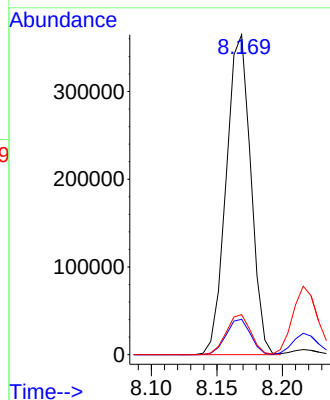
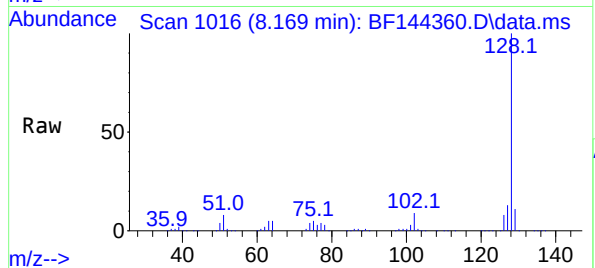
128 100

129 11.1 8.9 13.3

127 12.5 10.3 15.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

#32

Benzoic acid

Concen: 46.932 ng

RT: 7.934 min Scan# 976

Delta R.T. -0.018 min

Lab File: BF144360.D

Acq: 26 Nov 2025 14:30

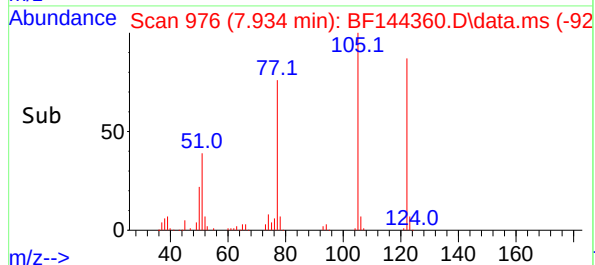
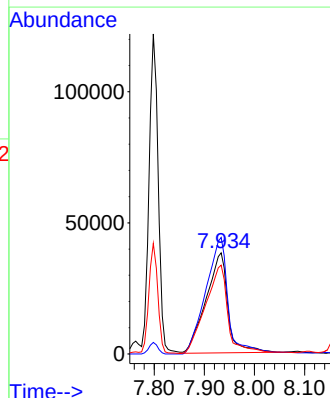
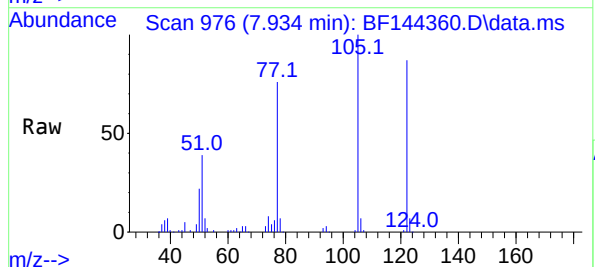
Tgt Ion:122 Resp: 116638

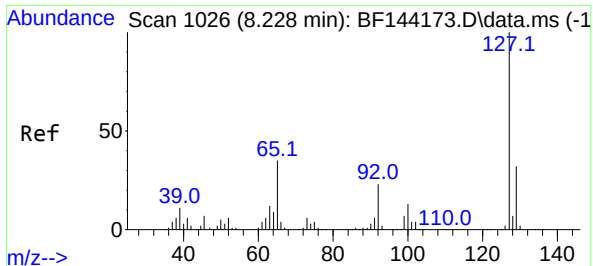
Ion Ratio Lower Upper

122 100

105 115.1 99.9 139.9

77 87.8 77.5 117.5





#33

4-Chloroaniline

Concen: 25.892 ng

RT: 8.216 min Scan# 1024

Delta R.T. -0.012 min

Lab File: BF144360.D

Acq: 26 Nov 2025 14:30

Instrument :

BNA_F

ClientSampleId :

PB170735BS

Tgt Ion:127 Resp: 109190

Ion Ratio Lower Upper

127 100

129 31.3 25.3 37.9

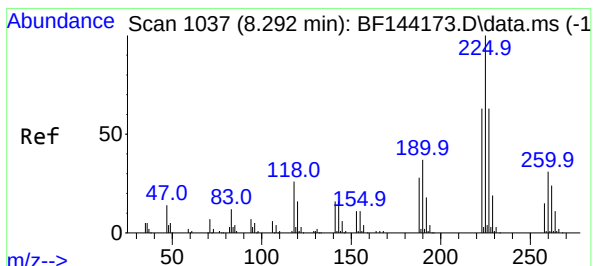
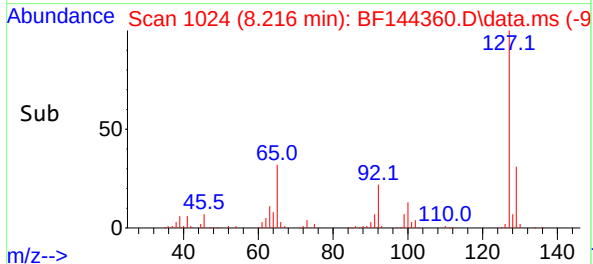
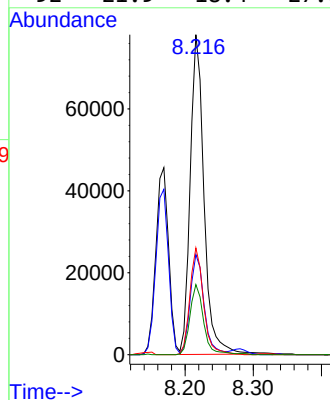
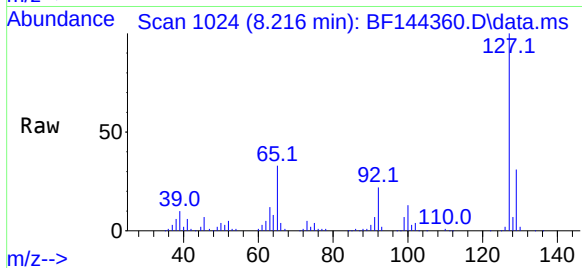
65 33.3 27.6 41.4

92 21.9 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
 Supervised By :mohammad ahmed 12/03/2025



#34

Hexachlorobutadiene

Concen: 38.579 ng

RT: 8.281 min Scan# 1035

Delta R.T. -0.012 min

Lab File: BF144360.D

Acq: 26 Nov 2025 14:30

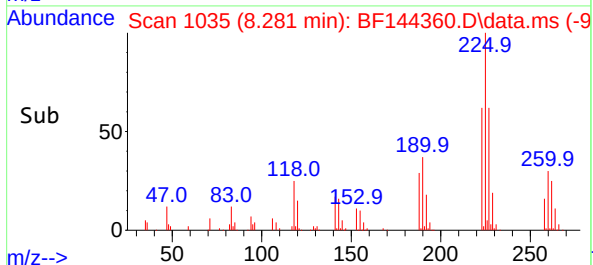
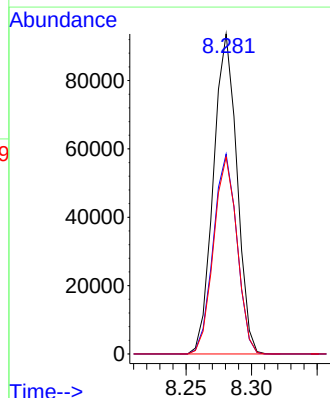
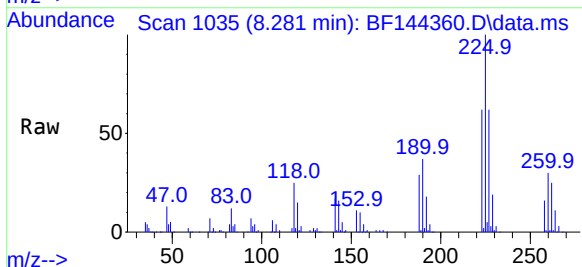
Tgt Ion:225 Resp: 116667

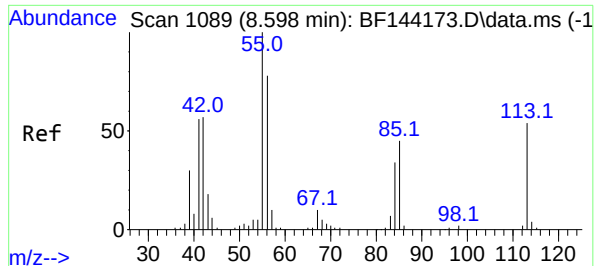
Ion Ratio Lower Upper

225 100

223 62.4 50.2 75.4

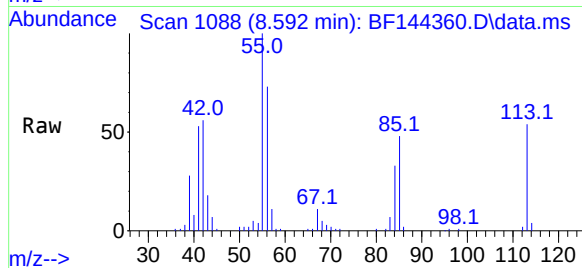
227 61.5 50.1 75.1





#35
Caprolactam
Concen: 45.497 ng m
RT: 8.592 min Scan# 1088
Delta R.T. -0.029 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

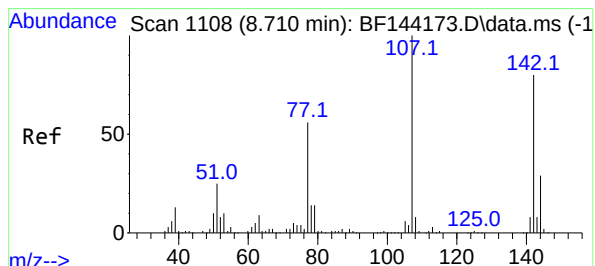
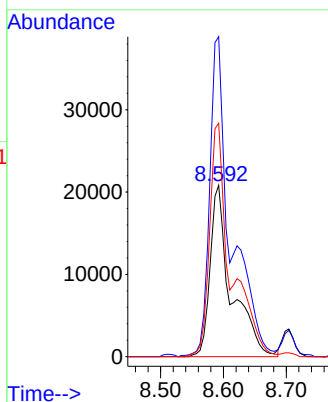
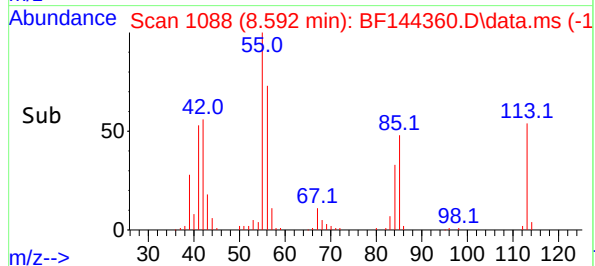
Instrument :
BNA_F
ClientSampleId :
PB170735BS



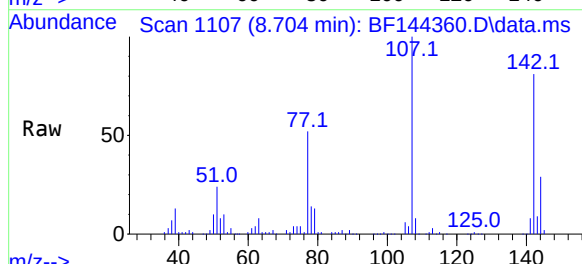
Tgt Ion:113 Resp: 48709
Ion Ratio Lower Upper
113 100
55 186.7 166.8 206.8
56 136.3 125.9 165.9

Manual Integrations
APPROVED

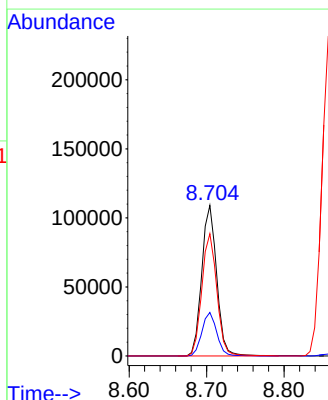
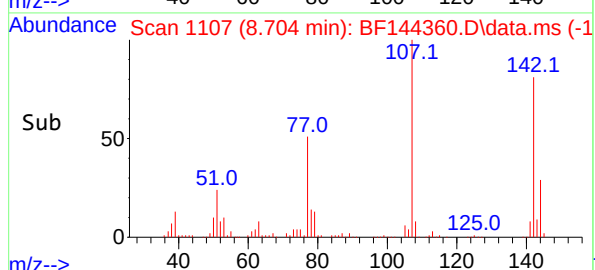
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

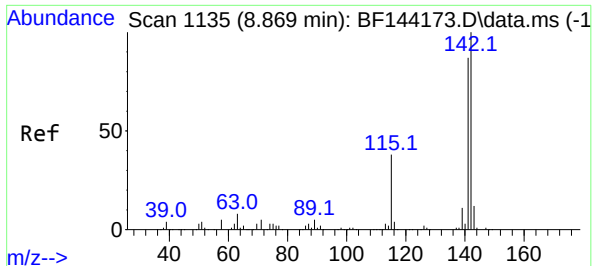


#36
4-Chloro-3-methylphenol
Concen: 41.770 ng
RT: 8.704 min Scan# 1107
Delta R.T. -0.000 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30



Tgt Ion:107 Resp: 146282
Ion Ratio Lower Upper
107 100
144 28.9 23.3 34.9
142 81.2 63.8 95.6





#37

2-Methylnaphthalene

Concen: 38.317 ng

RT: 8.857 min Scan# 1133

Delta R.T. -0.012 min

Lab File: BF144360.D

Acq: 26 Nov 2025 14:30

Instrument :

BNA_F

ClientSampleId :

PB170735BS

Tgt Ion:142 Resp: 29622

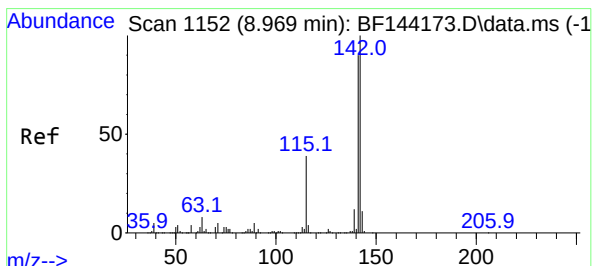
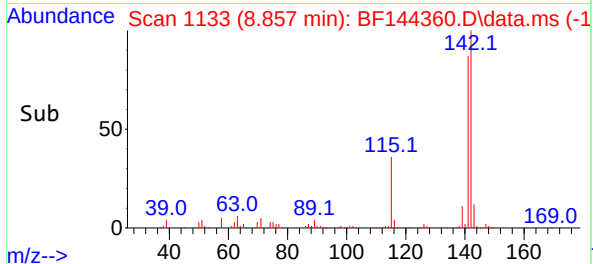
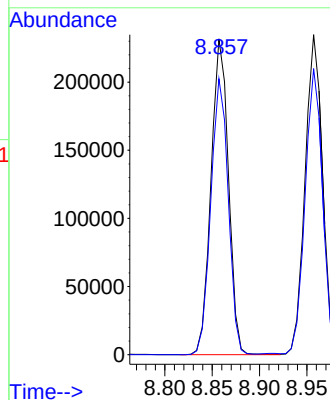
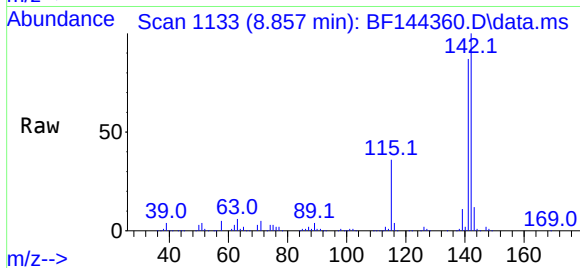
Ion Ratio Lower Upper

142 100

141 87.4 69.9 104.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

#38

1-Methylnaphthalene

Concen: 40.160 ng

RT: 8.957 min Scan# 1150

Delta R.T. -0.012 min

Lab File: BF144360.D

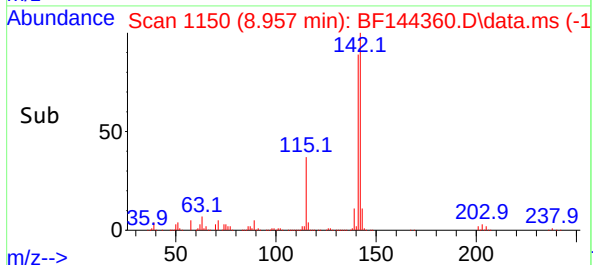
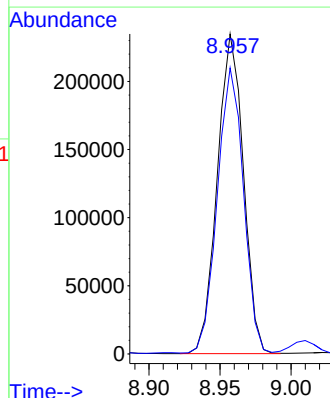
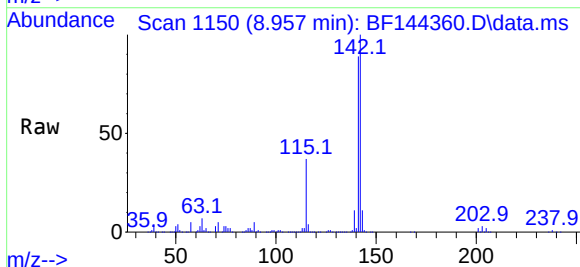
Acq: 26 Nov 2025 14:30

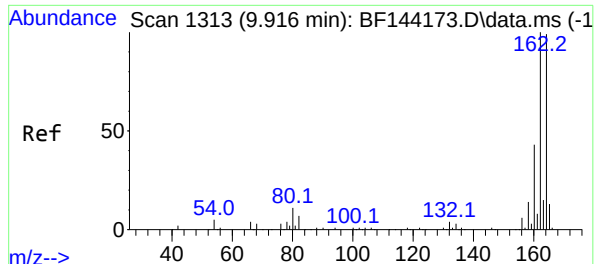
Tgt Ion:142 Resp: 299567

Ion Ratio Lower Upper

142 100

141 89.4 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1162

Delta R.T. -0.012 min

Lab File: BF144360.D

Acq: 26 Nov 2025 14:30

Instrument :

BNA_F

ClientSampleId :

PB170735BS

Tgt Ion:164 Resp: 13343

Ion Ratio Lower Upper

164 100

162 102.0 81.1 121.7

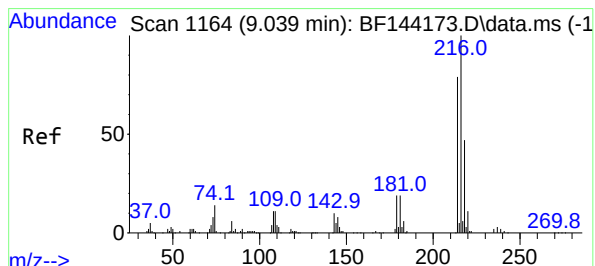
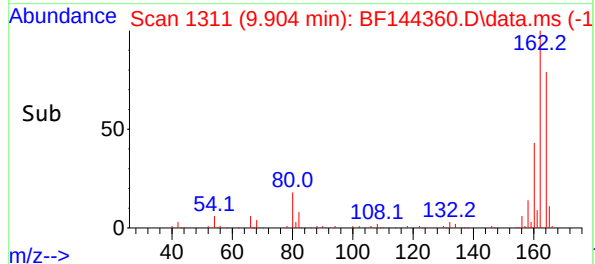
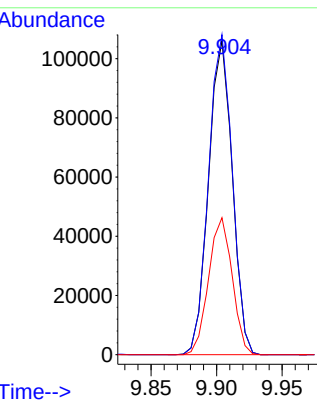
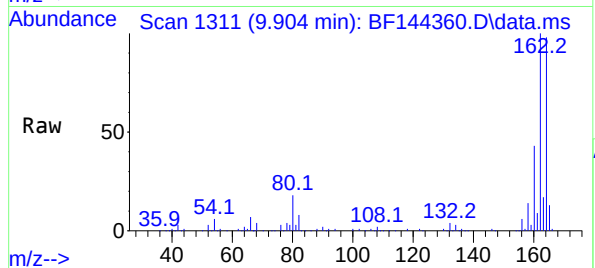
160 43.6 34.5 51.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025

Supervised By :mohammad ahmed 12/03/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.235 ng

RT: 9.028 min Scan# 1162

Delta R.T. -0.006 min

Lab File: BF144360.D

Acq: 26 Nov 2025 14:30

Tgt Ion:216 Resp: 197809

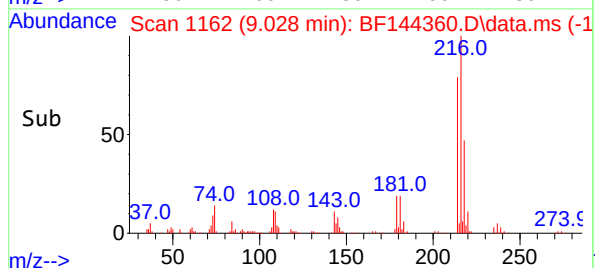
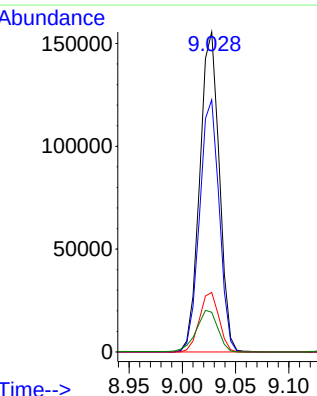
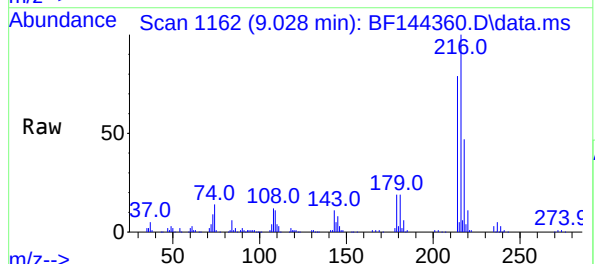
Ion Ratio Lower Upper

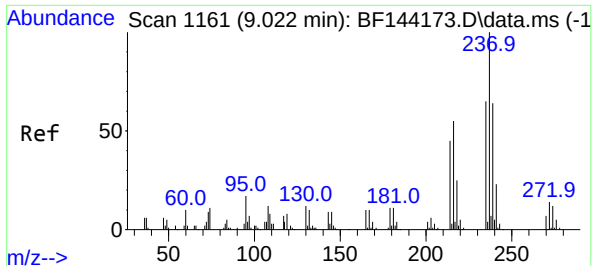
216 100

214 79.0 63.4 95.2

179 18.6 15.0 22.4

108 14.5 10.5 15.7





#41

Hexachlorocyclopentadiene

Concen: 74.159 ng

RT: 9.010 min Scan# 1161

Delta R.T. -0.018 min

Lab File: BF144360.D

Acq: 26 Nov 2025 14:30

Instrument :

BNA_F

ClientSampleId :

PB170735BS

Tgt Ion:237 Resp: 122939

Ion Ratio Lower Upper

237 100

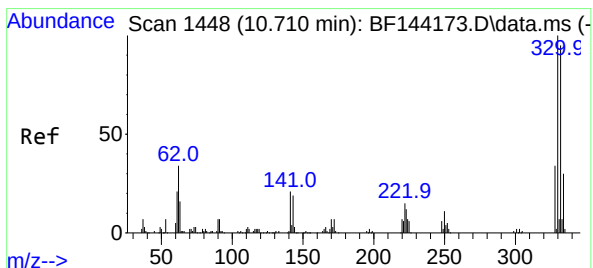
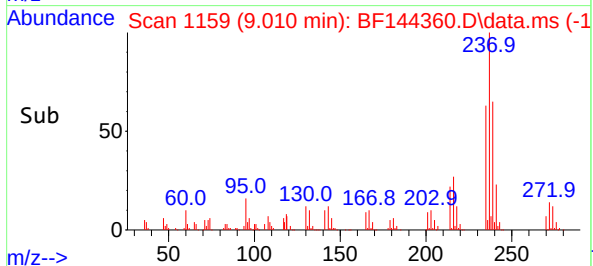
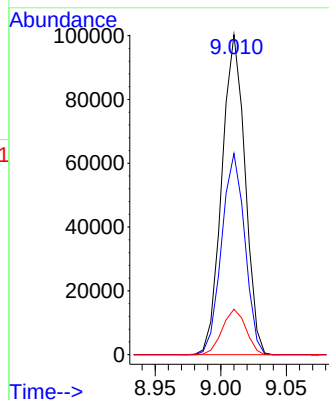
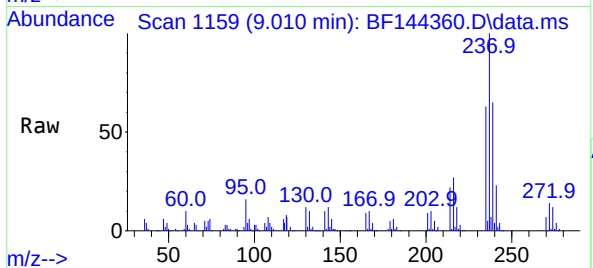
235 62.8 45.5 85.5

272 14.2 0.0 33.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
 Supervised By :mohammad ahmed 12/03/2025



#42

2,4,6-Tribromophenol

Concen: 107.276 ng

RT: 10.698 min Scan# 1446

Delta R.T. -0.006 min

Lab File: BF144360.D

Acq: 26 Nov 2025 14:30

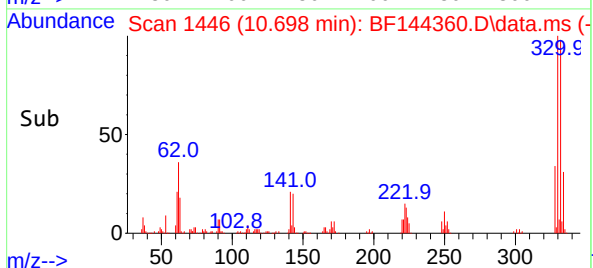
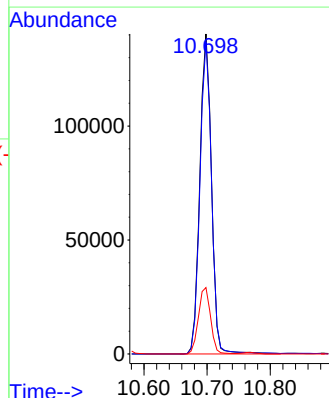
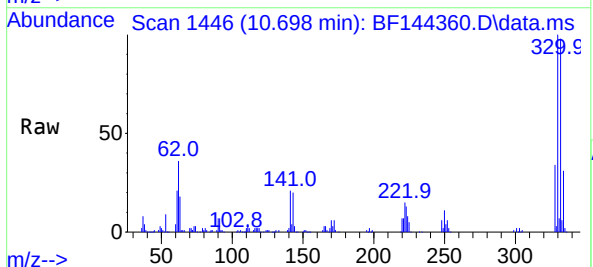
Tgt Ion:330 Resp: 179624

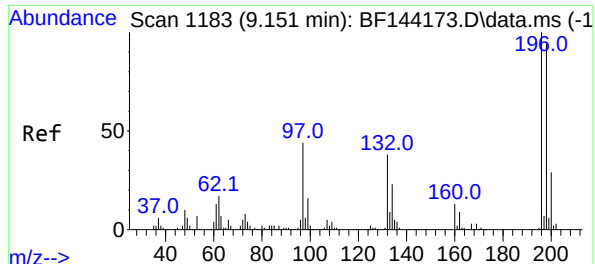
Ion Ratio Lower Upper

330 100

332 97.4 76.7 115.1

141 21.6 17.8 26.8





#43

2,4,6-Trichlorophenol

Concen: 40.566 ng

RT: 9.139 min Scan# 1181

Delta R.T. -0.012 min

Lab File: BF144360.D

Acq: 26 Nov 2025 14:30

Instrument :

BNA_F

ClientSampleId :

PB170735BS

Tgt Ion:196 Resp: 12073

Ion Ratio Lower Upper

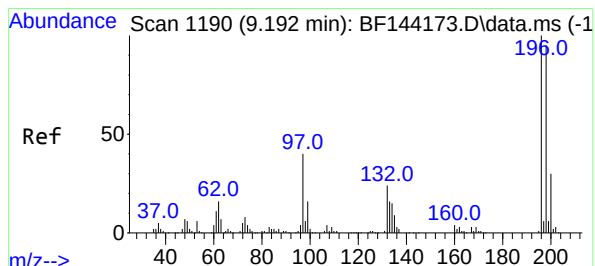
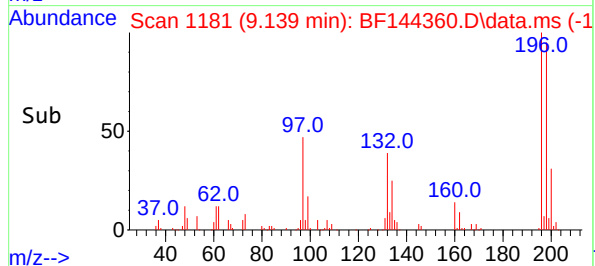
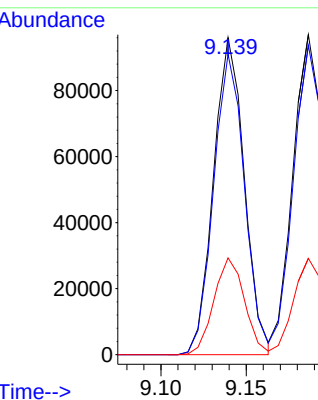
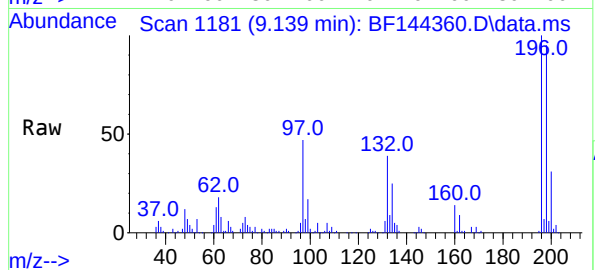
196 100

198 94.8 75.3 112.9

200 30.5 23.4 35.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

#44

2,4,5-Trichlorophenol

Concen: 40.476 ng

RT: 9.186 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF144360.D

Acq: 26 Nov 2025 14:30

Tgt Ion:196 Resp: 129840

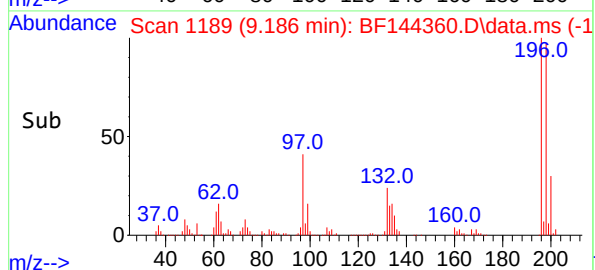
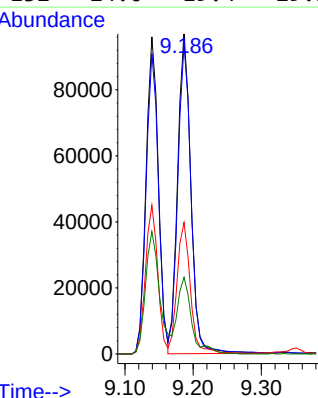
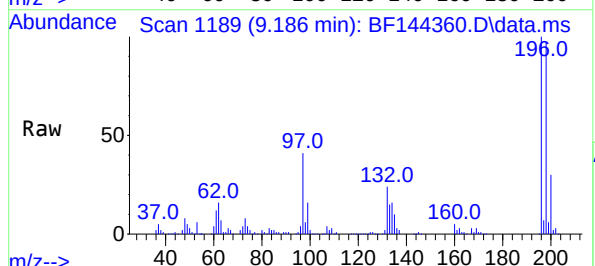
Ion Ratio Lower Upper

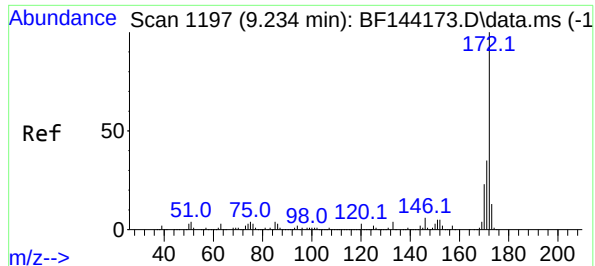
196 100

198 96.7 76.1 114.1

97 41.0 31.9 47.9

132 24.0 19.4 29.2





#45

2-Fluorobiphenyl

Concen: 77.793 ng

RT: 9.222 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF144360.D

Acq: 26 Nov 2025 14:30

Instrument :

BNA_F

ClientSampleId :

PB170735BS

Tgt Ion:172 Resp: 702800

Ion Ratio Lower Upper

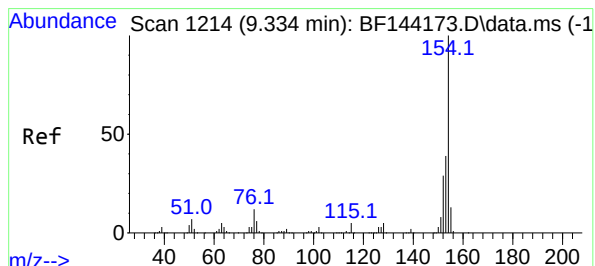
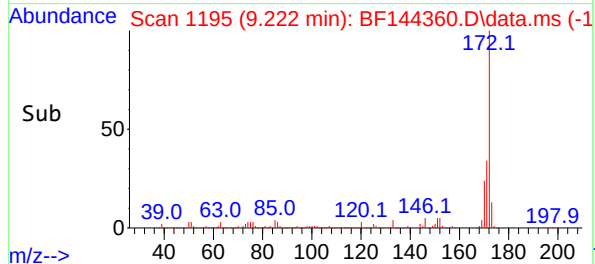
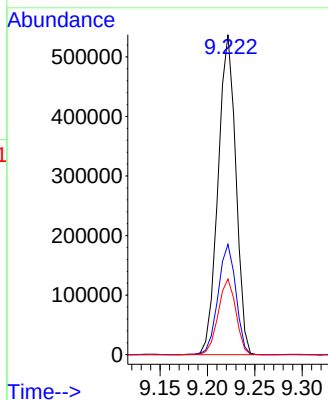
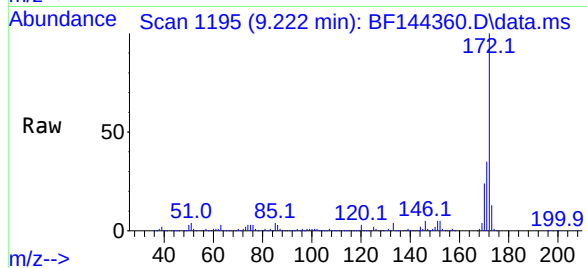
172 100

171 34.5 28.1 42.1

170 23.6 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

#46

1,1'-Biphenyl

Concen: 46.919 ng

RT: 9.322 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF144360.D

Acq: 26 Nov 2025 14:30

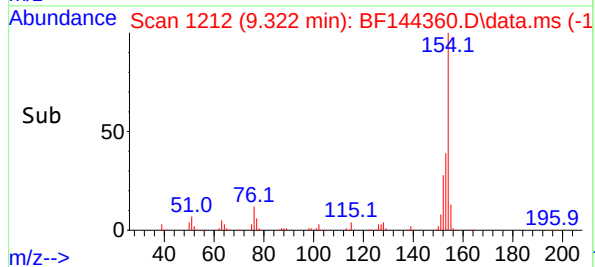
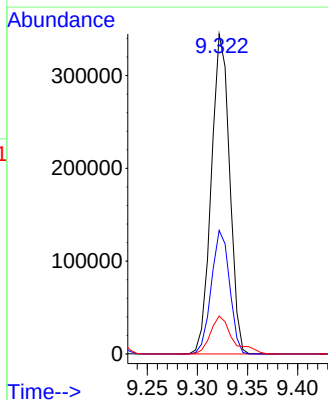
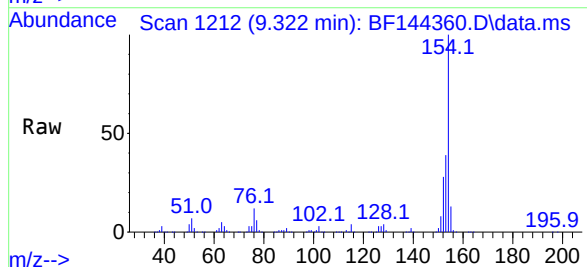
Tgt Ion:154 Resp: 436999

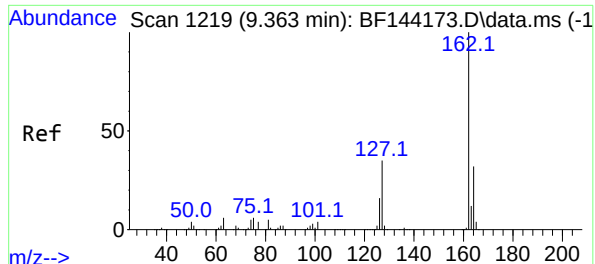
Ion Ratio Lower Upper

154 100

153 38.6 19.2 59.2

76 11.9 0.0 31.8





#47

2-Chloronaphthalene

Concen: 41.266 ng

RT: 9.351 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF144360.D

Acq: 26 Nov 2025 14:30

Instrument :

BNA_F

ClientSampleId :

PB170735BS

Tgt Ion:162 Resp: 32785

Ion Ratio Lower Upper

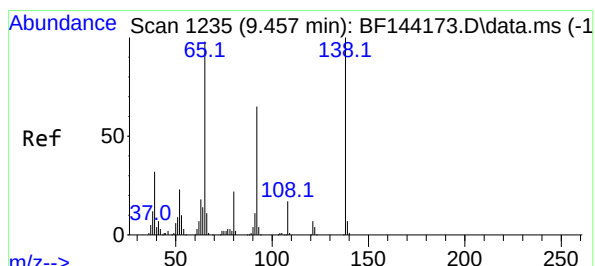
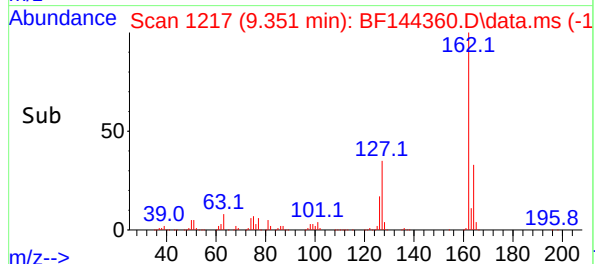
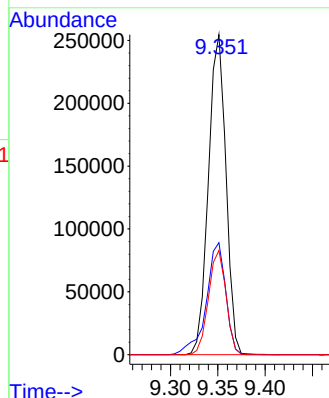
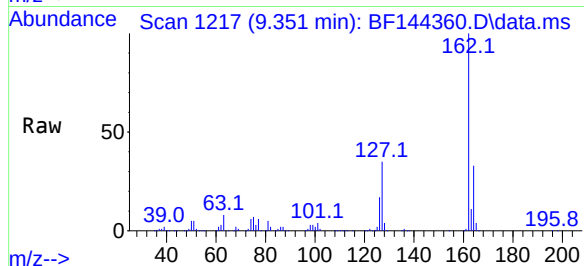
162 100

127 35.0 28.8 43.2

164 32.5 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

#48

2-Nitroaniline

Concen: 42.796 ng

RT: 9.445 min Scan# 1233

Delta R.T. -0.012 min

Lab File: BF144360.D

Acq: 26 Nov 2025 14:30

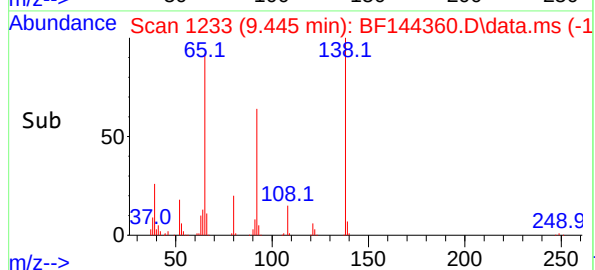
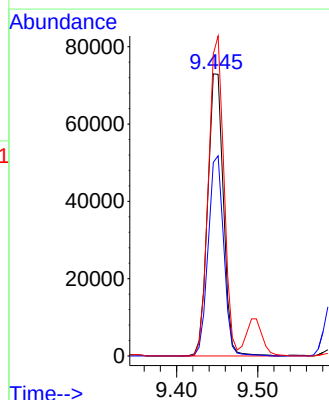
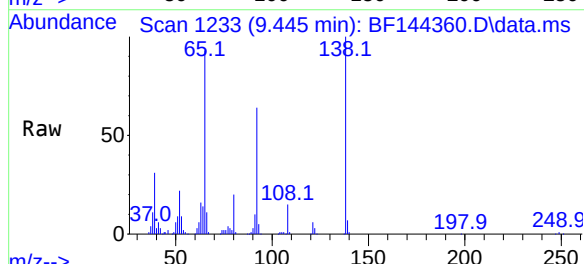
Tgt Ion: 65 Resp: 98103

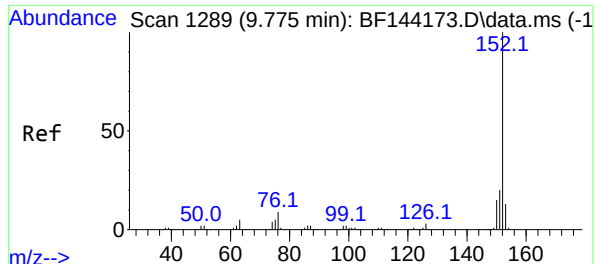
Ion Ratio Lower Upper

65 100

92 68.6 53.0 79.6

138 107.0 81.6 122.4





#49

Acenaphthylene

Concen: 46.852 ng

RT: 9.763 min Scan# 1287

Delta R.T. -0.012 min

Lab File: BF144360.D

Acq: 26 Nov 2025 14:30

Instrument :

BNA_F

ClientSampleId :

PB170735BS

Tgt Ion:152 Resp: 50724

Ion Ratio Lower Upper

152 100

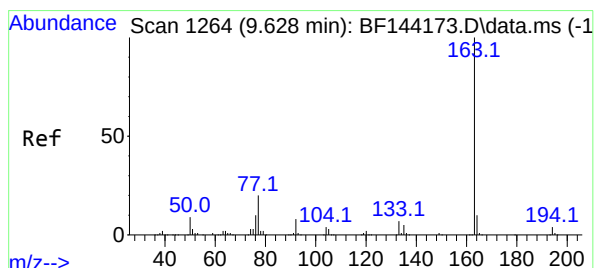
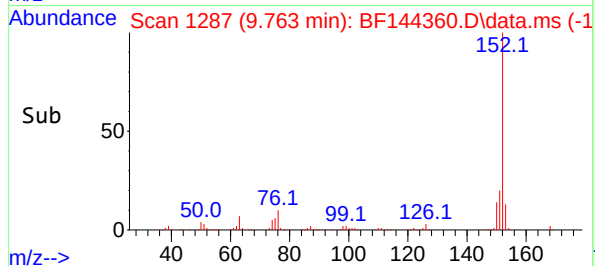
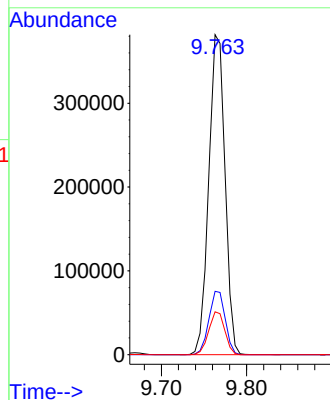
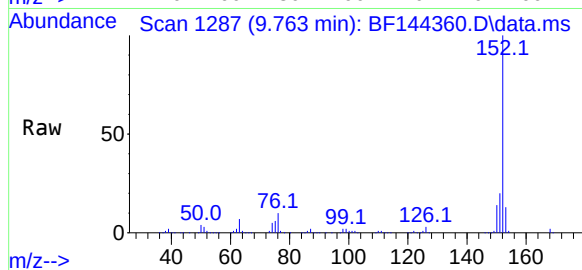
151 19.8 15.9 23.9

153 13.4 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
 Supervised By :mohammad ahmed 12/03/2025



#50

Dimethylphthalate

Concen: 44.064 ng

RT: 9.622 min Scan# 1263

Delta R.T. -0.006 min

Lab File: BF144360.D

Acq: 26 Nov 2025 14:30

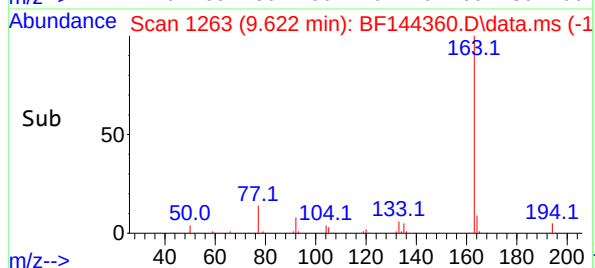
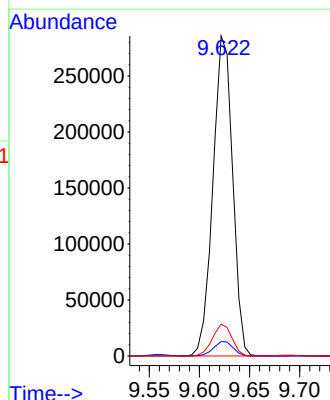
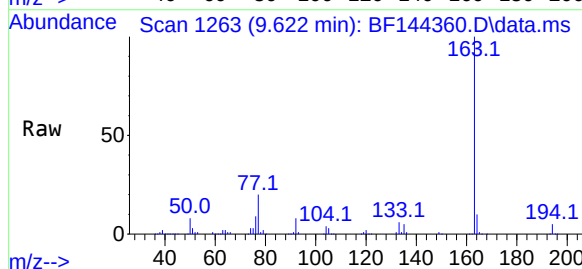
Tgt Ion:163 Resp: 389505

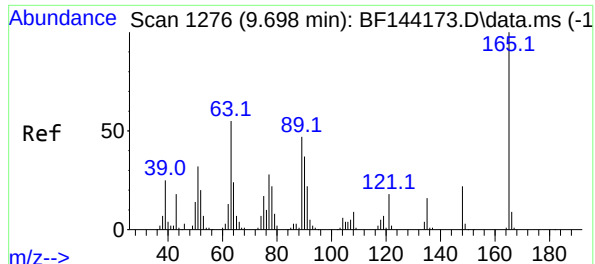
Ion Ratio Lower Upper

163 100

194 4.5 3.3 4.9

164 9.9 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 46.401 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Instrument :

BNA_F

ClientSampleId :

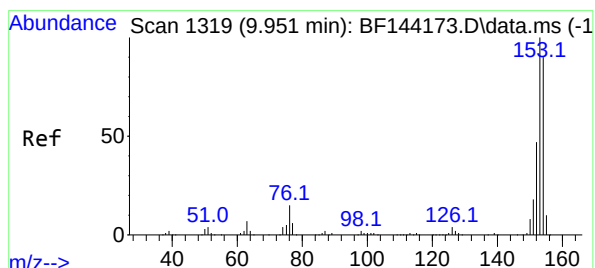
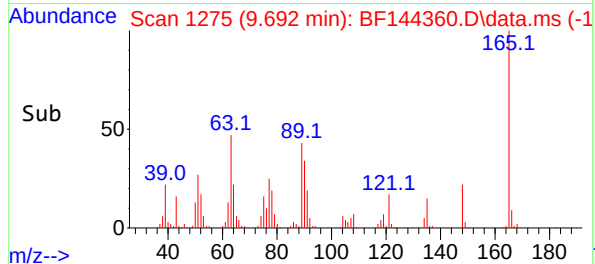
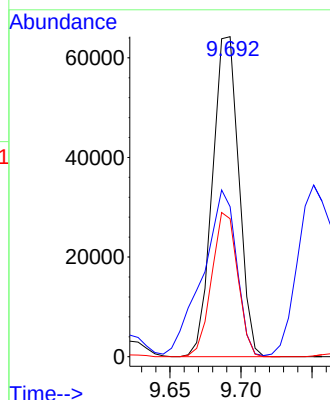
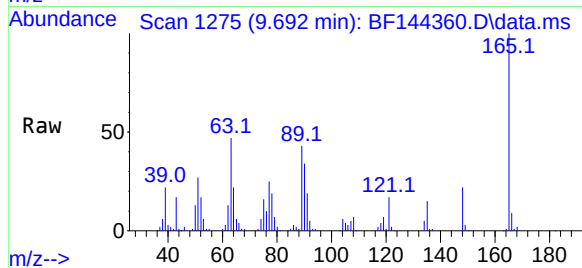
PB170735BS

Tgt Ion:165 Resp: 83030
Ion Ratio Lower Upper
165 100
63 46.8 43.8 65.8
89 43.1 37.5 56.3

Manual Integrations

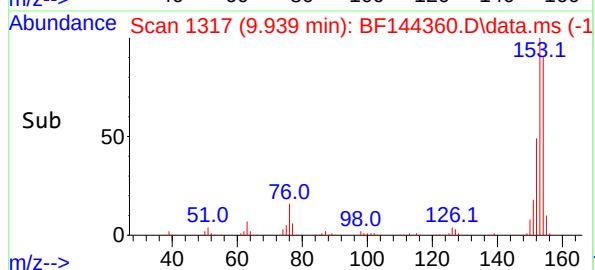
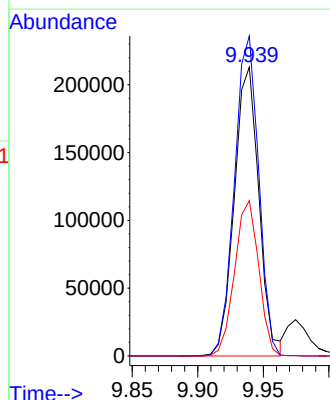
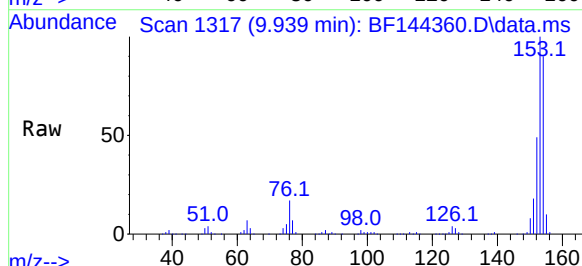
APPROVED

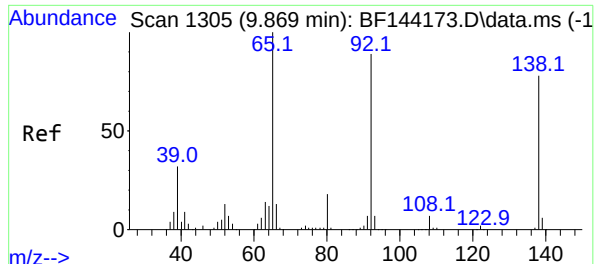
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#52
Acenaphthene
Concen: 38.562 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:154 Resp: 279188
Ion Ratio Lower Upper
154 100
153 110.8 89.0 133.4
152 53.8 42.2 63.4





#53

3-Nitroaniline

Concen: 31.690 ng

RT: 9.863 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144360.D

Acq: 26 Nov 2025 14:30

Instrument :

BNA_F

ClientSampleId :

PB170735BS

Tgt Ion:138 Resp: 61989

Ion Ratio Lower Upper

138 100

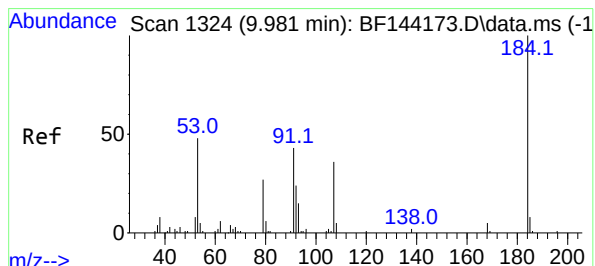
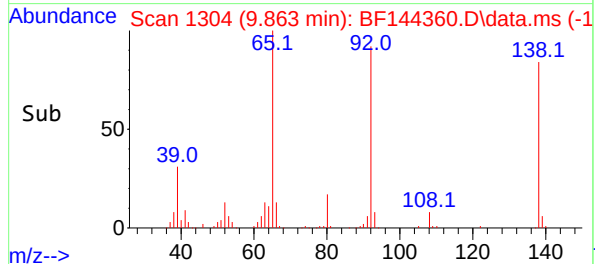
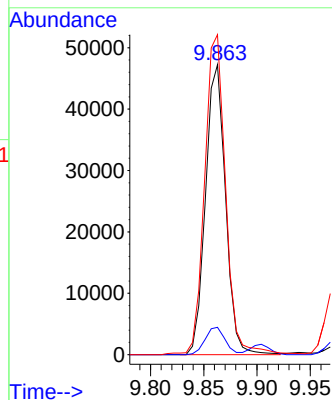
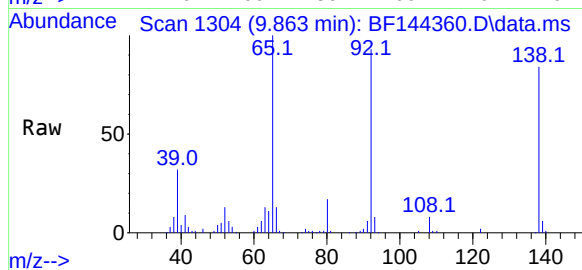
108 9.4 7.5 11.3

92 110.4 91.8 137.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
 Supervised By :mohammad ahmed 12/03/2025



#54

2,4-Dinitrophenol

Concen: 77.738 ng

RT: 9.975 min Scan# 1323

Delta R.T. -0.012 min

Lab File: BF144360.D

Acq: 26 Nov 2025 14:30

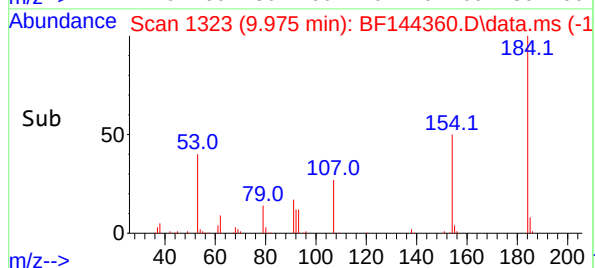
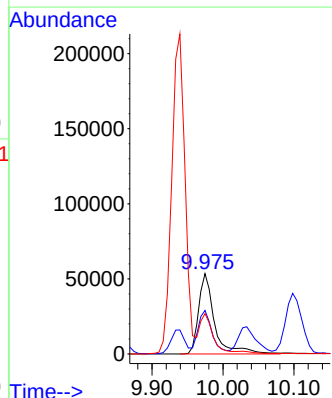
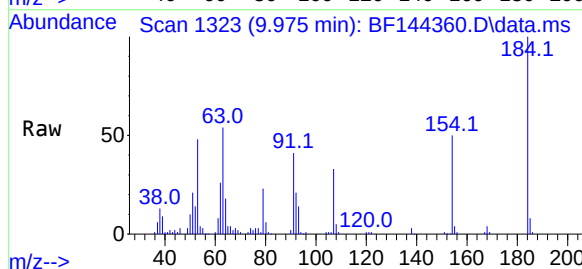
Tgt Ion:184 Resp: 83999

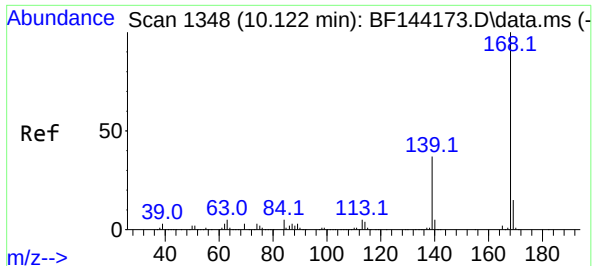
Ion Ratio Lower Upper

184 100

63 54.3 44.0 66.0

154 50.1 42.4 63.6





#55

Dibenzenofuran

Concen: 41.471 ng

RT: 10.110 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144360.D

Acq: 26 Nov 2025 14:30

Instrument :

BNA_F

ClientSampleId :

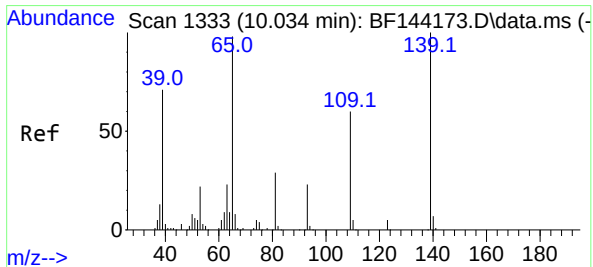
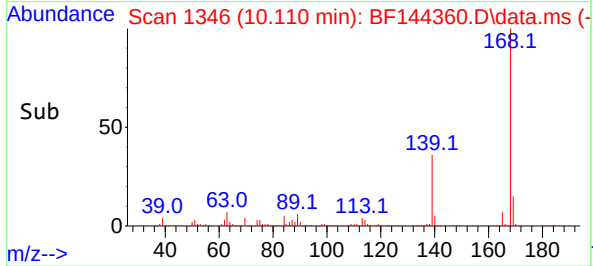
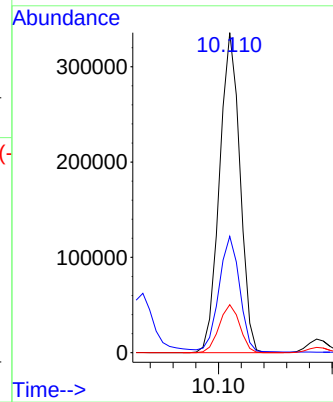
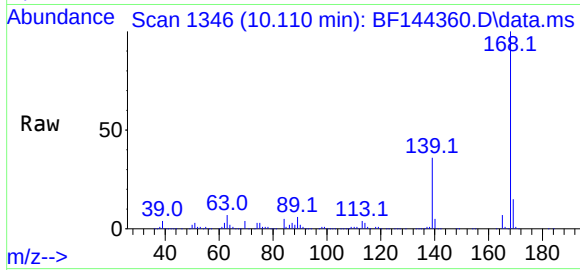
PB170735BS

Tgt Ion:168	Resp: 42050
Ion Ratio	Lower Upper
168	100
139	36.4 30.2 45.2
169	15.0 12.2 18.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
 Supervised By :mohammad ahmed 12/03/2025



#56

4-Nitrophenol

Concen: 64.325 ng

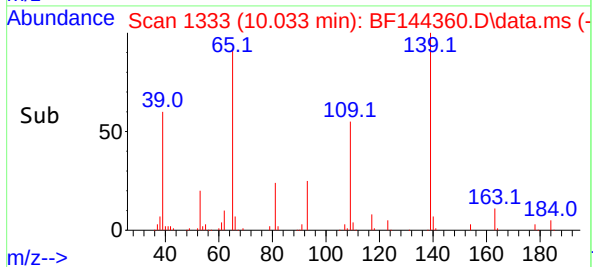
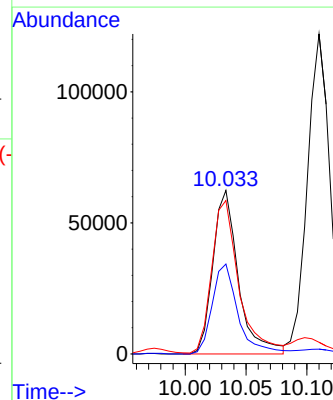
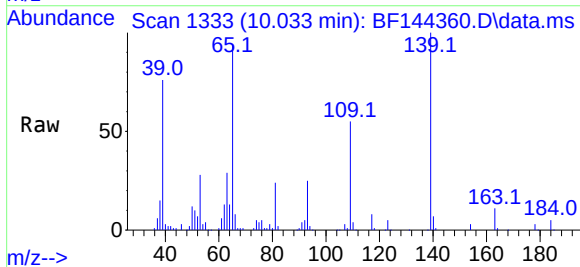
RT: 10.033 min Scan# 1333

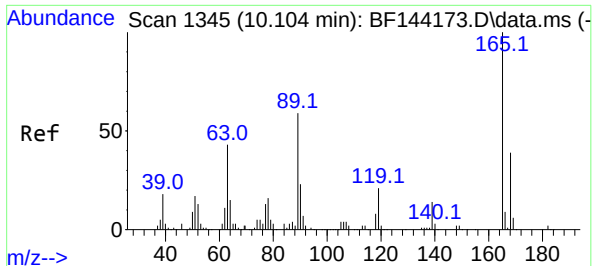
Delta R.T. -0.006 min

Lab File: BF144360.D

Acq: 26 Nov 2025 14:30

Tgt Ion:139	Resp: 91018
Ion Ratio	Lower Upper
139	100
109	55.0 39.9 79.9
65	93.9 79.5 119.5





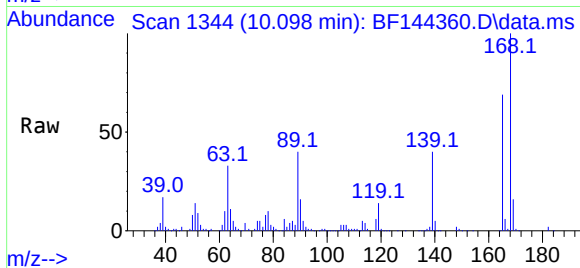
#57
2,4-Dinitrotoluene
Concen: 43.439 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Instrument :

BNA_F

ClientSampleId :

PB170735BS

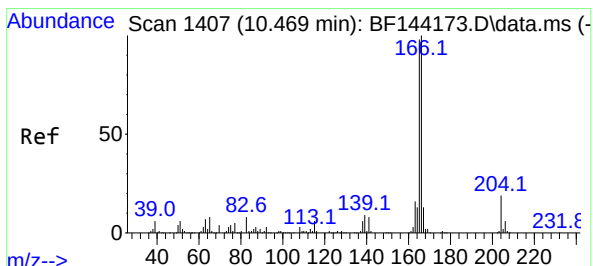
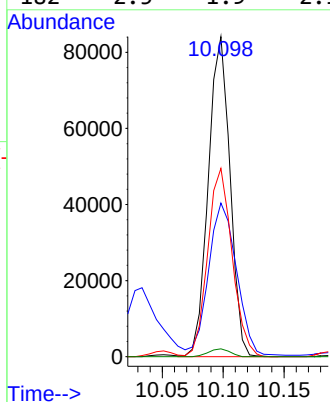
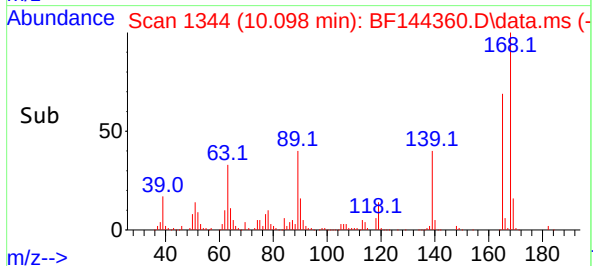


Tgt Ion:165 Resp: 104050
Ion Ratio Lower Upper
165 100
63 48.0 35.5 53.3
89 58.8 47.4 71.2
182 2.5 1.9 2.9

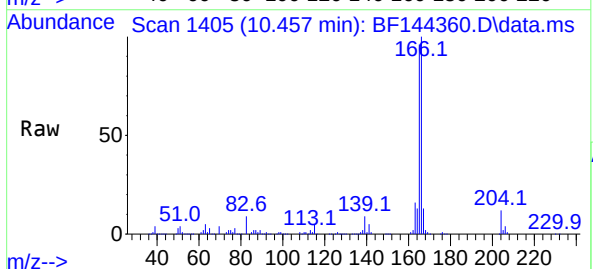
Manual Integrations

APPROVED

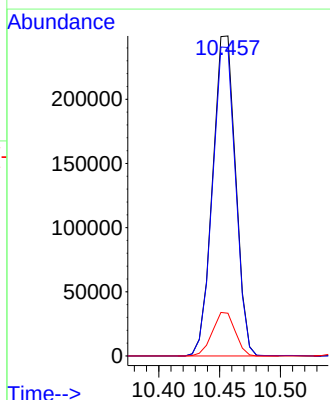
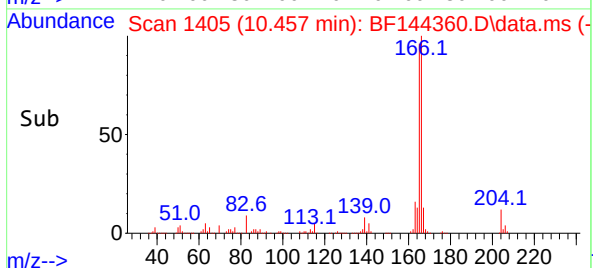
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

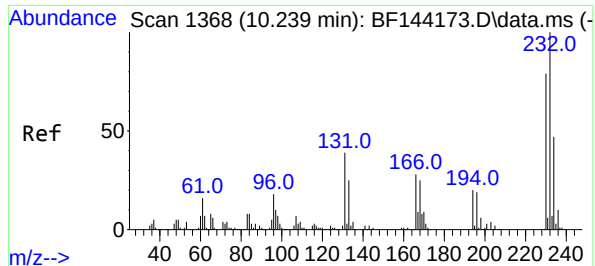


#58
Fluorene
Concen: 42.675 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30



Tgt Ion:166 Resp: 328997
Ion Ratio Lower Upper
166 100
165 96.4 78.6 118.0
167 13.3 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.562 ng
RT: 10.233 min Scan# 1367
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Instrument :

BNA_F

ClientSampleId :

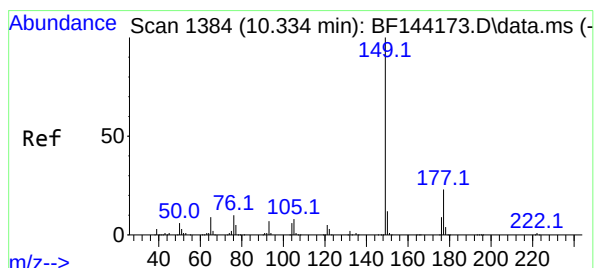
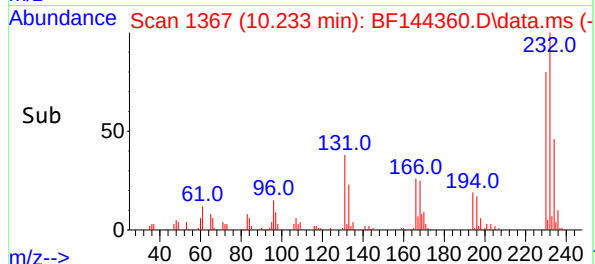
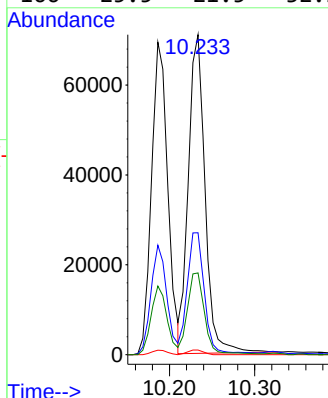
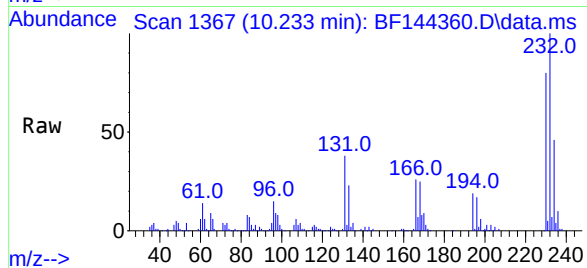
PB170735BS

Tgt Ion:232 Resp: 96590
Ion Ratio Lower Upper
232 100
131 38.2 30.3 45.5
130 1.4 1.2 1.8
166 25.5 21.5 32.3

Manual Integrations

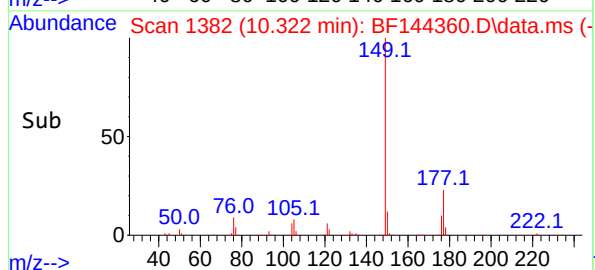
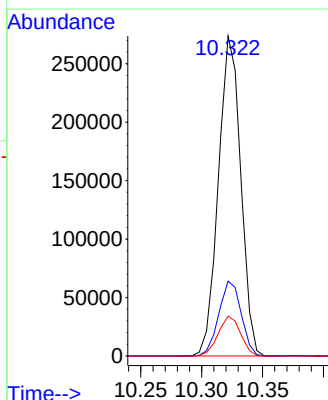
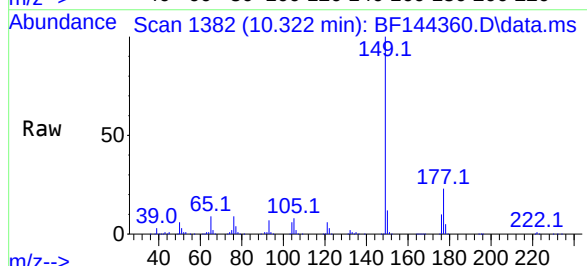
APPROVED

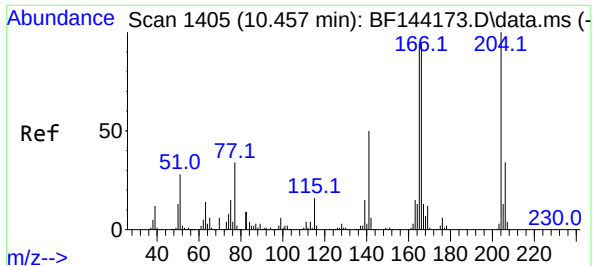
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#60
Diethylphthalate
Concen: 42.849 ng
RT: 10.322 min Scan# 1382
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

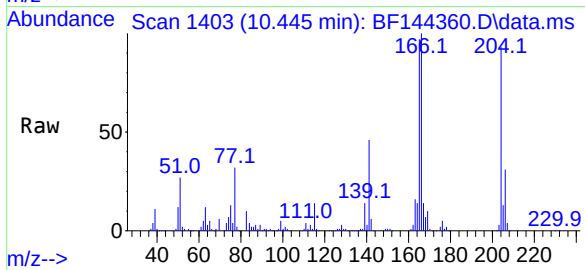
Tgt Ion:149 Resp: 349165
Ion Ratio Lower Upper
149 100
177 23.4 18.3 27.5
150 12.5 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 40.527 ng
RT: 10.445 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

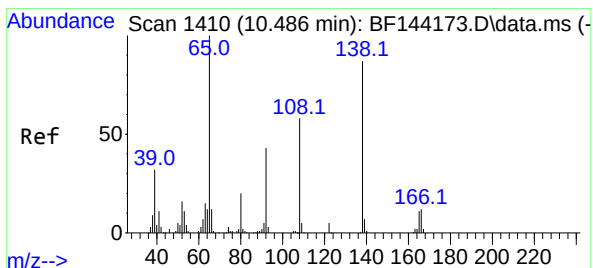
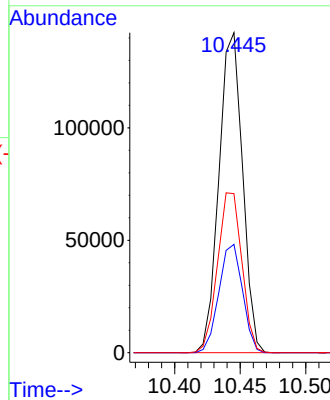
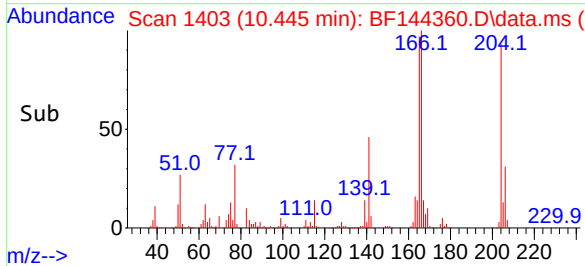
Instrument :
BNA_F
ClientSampleId :
PB170735BS



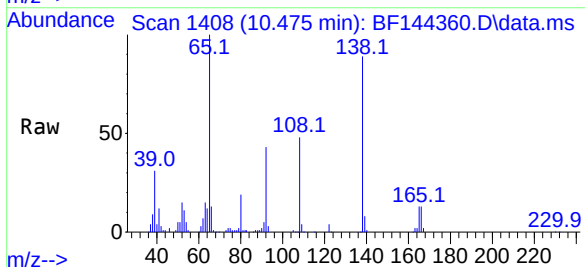
Tgt Ion:204 Resp: 17797
Ion Ratio Lower Upper
204 100
206 33.8 27.4 41.2
141 49.7 40.0 60.0

Manual Integrations
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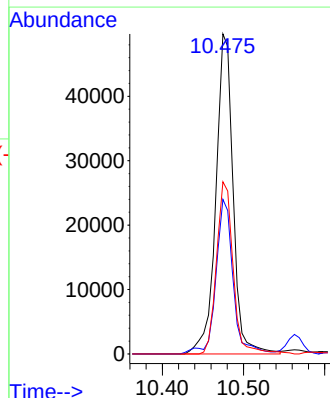
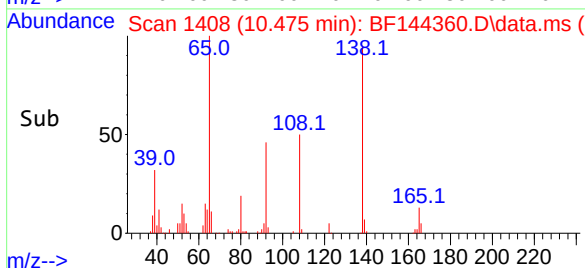
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

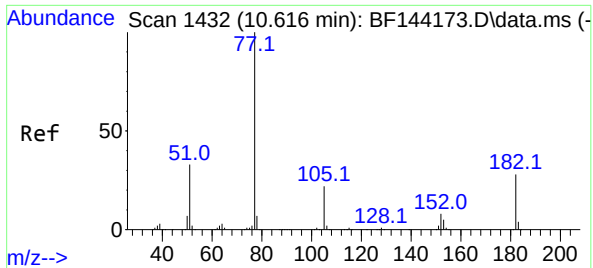


#62
4-Nitroaniline
Concen: 39.466 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30



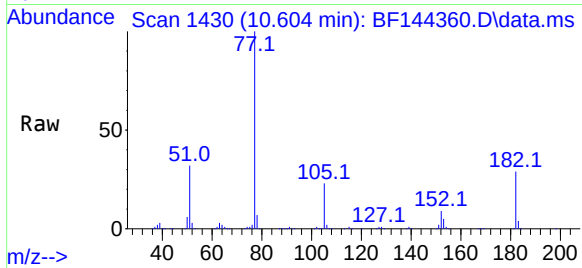
Tgt Ion:138 Resp: 73519
Ion Ratio Lower Upper
138 100
92 48.3 29.4 69.4
108 53.8 46.4 86.4





#63
Azobenzene
Concen: 44.212 ng
RT: 10.604 min Scan# 1432
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

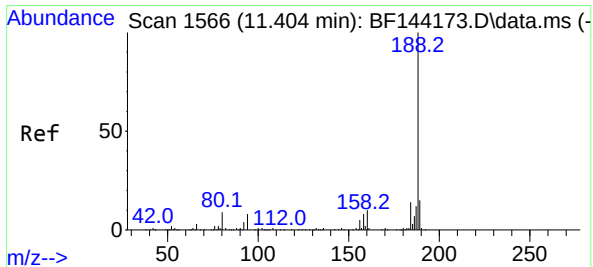
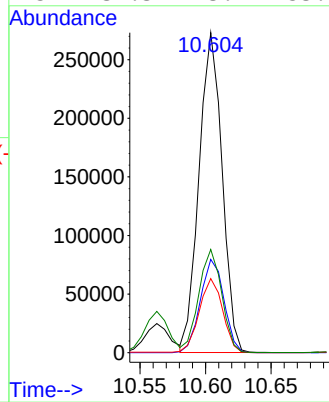
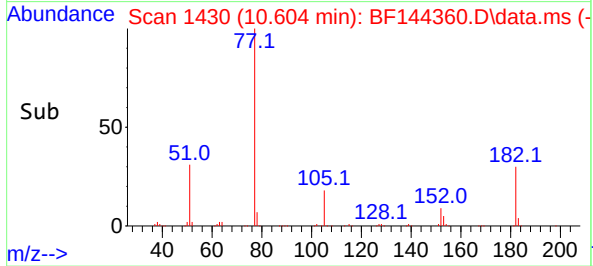
Instrument :
BNA_F
ClientSampleId :
PB170735BS



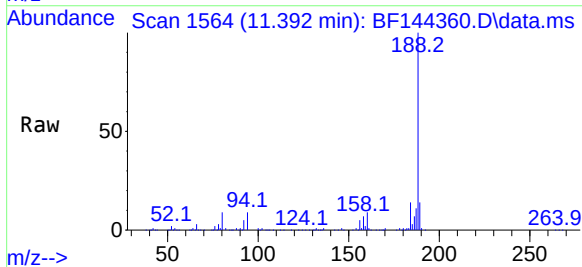
Tgt Ion: 77 Resp: 33529
Ion Ratio Lower Upper
77 100
182 29.1 8.1 48.1
105 23.2 2.0 42.0
51 32.3 13.9 53.9

Manual Integrations
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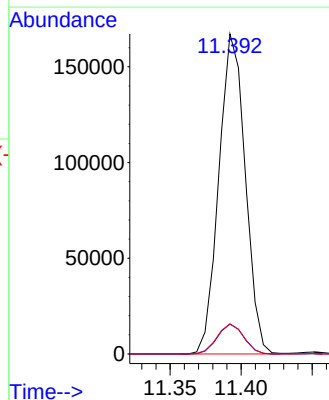
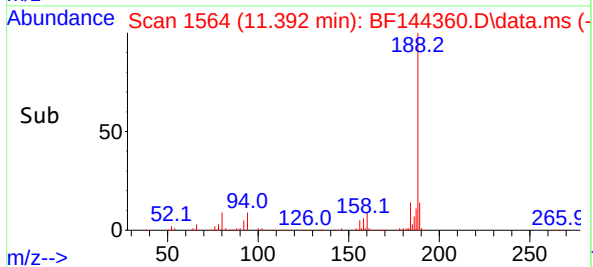
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



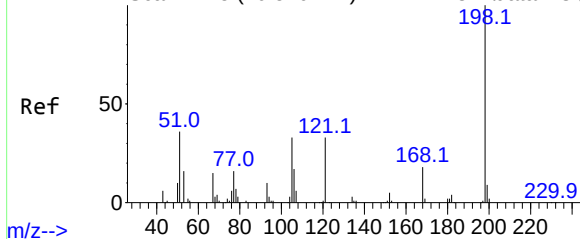
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1564
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30



Tgt Ion:188 Resp: 215808
Ion Ratio Lower Upper
188 100
94 9.4 6.2 9.2#
80 9.4 6.9 10.3



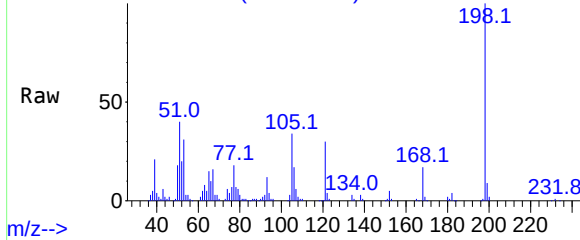
Abundance Scan 1415 (10.516 min): BF144173.D\data.ms (-



#65
4,6-Dinitro-2-methylphenol
Concen: 42.055 ng
RT: 10.510 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Instrument :
BNA_F
ClientSampleId :
PB170735BS

Abundance Scan 1414 (10.510 min): BF144360.D\data.ms

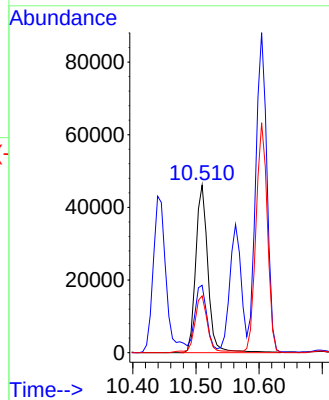
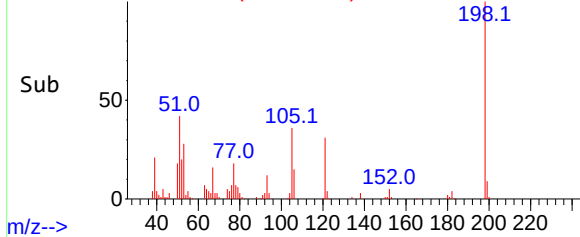


Tgt Ion:198 Resp: 61650
Ion Ratio Lower Upper
198 100
51 40.2 25.6 65.6
105 33.9 14.6 54.6

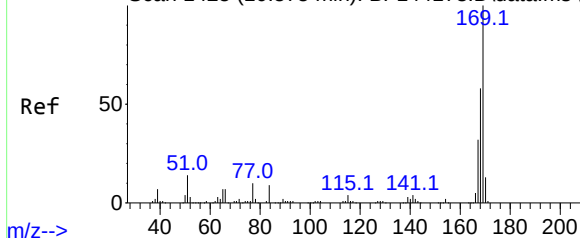
Manual Integrations
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Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

Abundance Scan 1414 (10.510 min): BF144360.D\data.ms (-



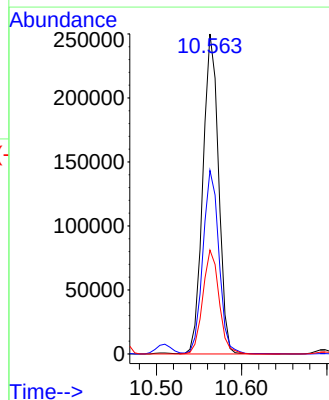
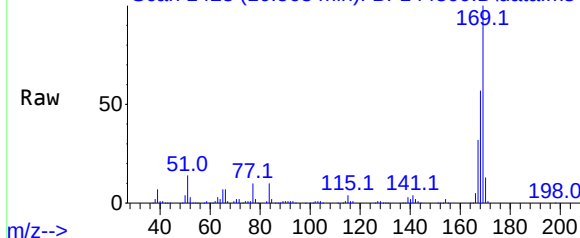
Abundance Scan 1425 (10.575 min): BF144173.D\data.ms (-



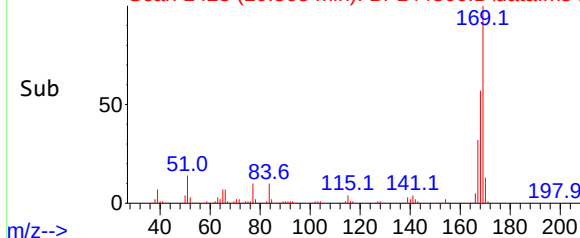
#66
n-Nitrosodiphenylamine
Concen: 45.953 ng
RT: 10.563 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:169 Resp: 318960
Ion Ratio Lower Upper
169 100
168 57.3 46.2 69.2
167 32.5 25.7 38.5

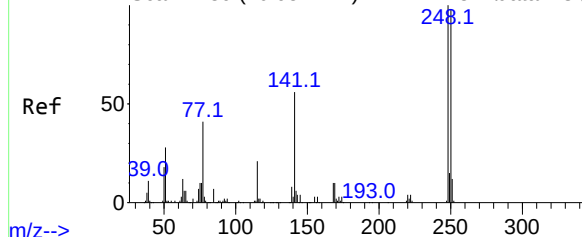
Abundance Scan 1423 (10.563 min): BF144360.D\data.ms



Abundance Scan 1423 (10.563 min): BF144360.D\data.ms (-



Abundance Scan 1489 (10.951 min): BF144173.D\data.ms (-



#67
4-Bromophenyl-phenylether
Concen: 42.291 ng
RT: 10.933 min Scan# 1489
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

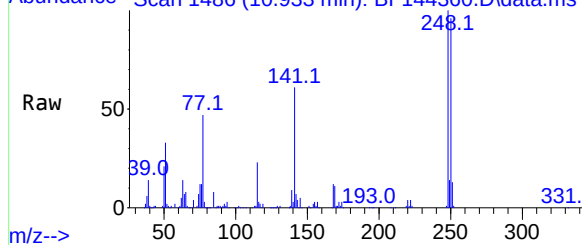
Instrument :

BNA_F

ClientSampleId :

PB170735BS

Abundance Scan 1486 (10.933 min): BF144360.D\data.ms



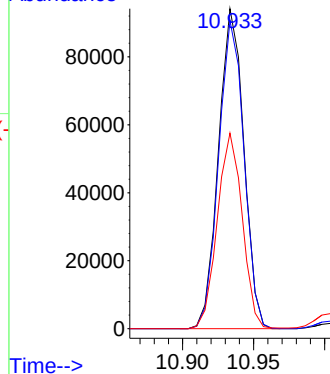
Tgt Ion:248 Resp: 116498
Ion Ratio Lower Upper
248 100
250 96.3 78.4 117.6
141 61.1 45.1 67.7

Manual Integrations

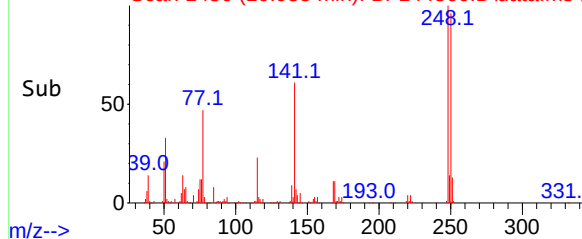
APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

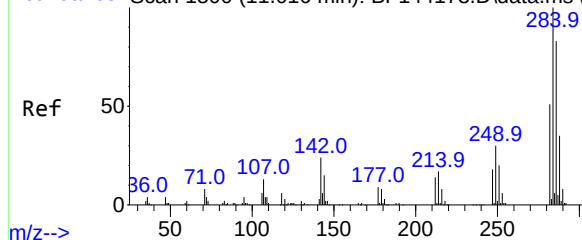
Abundance



Abundance Scan 1486 (10.933 min): BF144360.D\data.ms (-



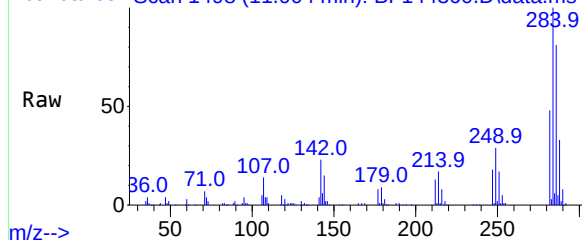
Abundance Scan 1500 (11.016 min): BF144173.D\data.ms (-



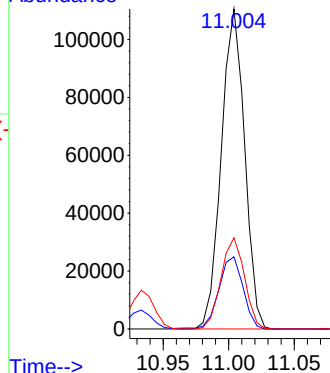
#68
Hexachlorobenzene
Concen: 42.047 ng
RT: 11.004 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:284 Resp: 136422
Ion Ratio Lower Upper
284 100
142 22.5 19.2 28.8
249 28.5 23.8 35.8

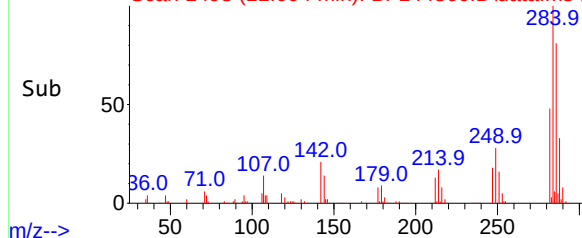
Abundance Scan 1498 (11.004 min): BF144360.D\data.ms

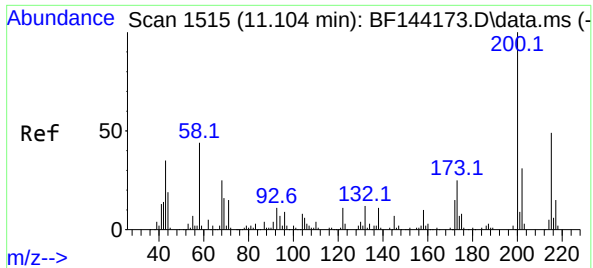


Abundance



Abundance Scan 1498 (11.004 min): BF144360.D\data.ms (-





#69

Atrazine

Concen: 44.403 ng

RT: 11.092 min Scan# 1513

Delta R.T. -0.006 min

Lab File: BF144360.D

Acq: 26 Nov 2025 14:30

Instrument :

BNA_F

ClientSampleId :

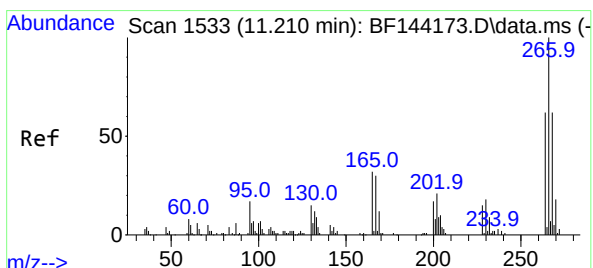
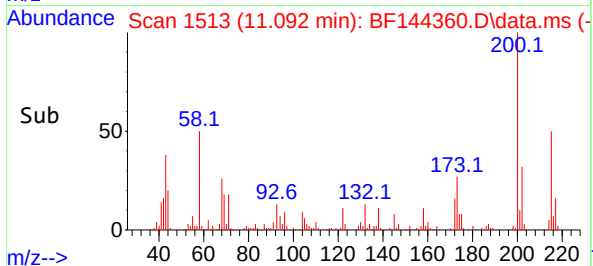
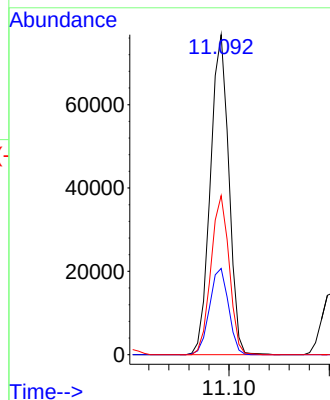
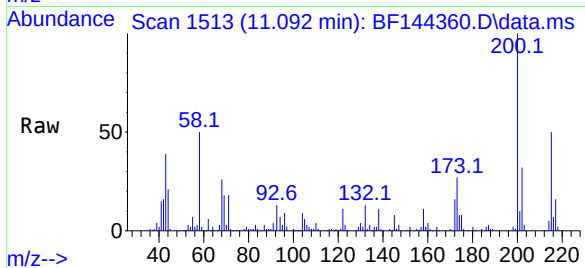
PB170735BS

Tgt Ion:200	Resp:	98014
Ion Ratio	Lower	Upper
200	100	
173	26.9	5.0 45.0
215	49.7	28.7 68.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
 Supervised By :mohammad ahmed 12/03/2025



#70

Pentachlorophenol

Concen: 79.676 ng

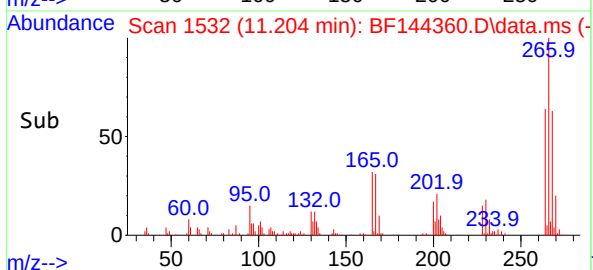
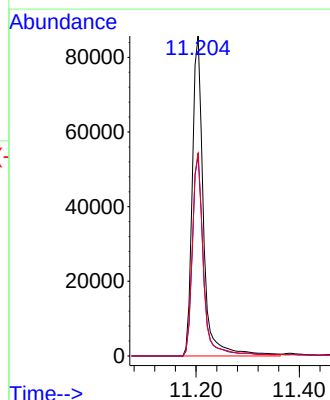
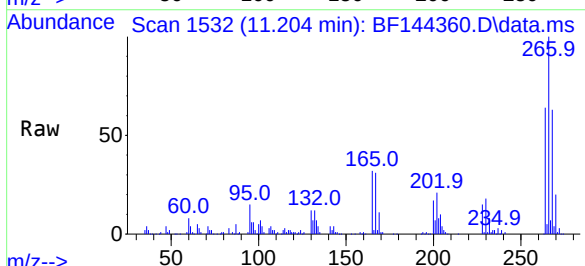
RT: 11.204 min Scan# 1532

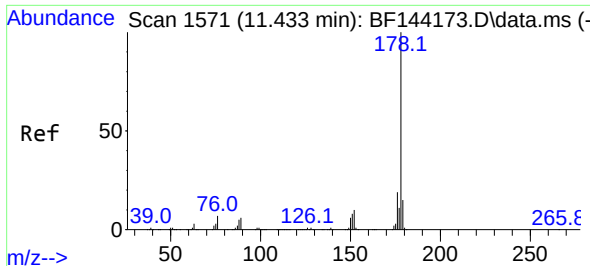
Delta R.T. -0.012 min

Lab File: BF144360.D

Acq: 26 Nov 2025 14:30

Tgt Ion:266	Resp:	128729
Ion Ratio	Lower	Upper
266	100	
268	62.7	49.5 74.3
264	63.5	49.4 74.2





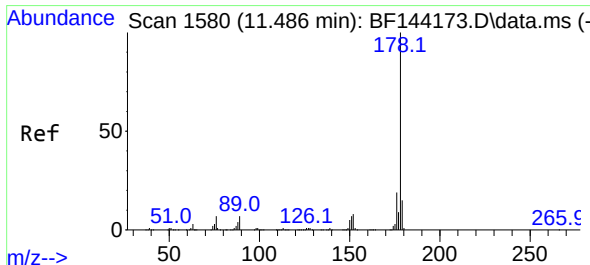
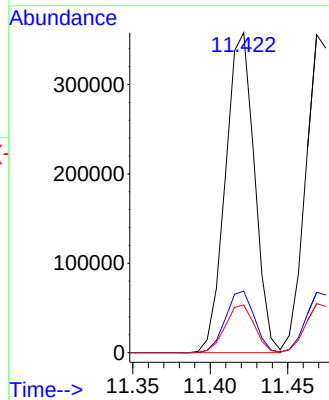
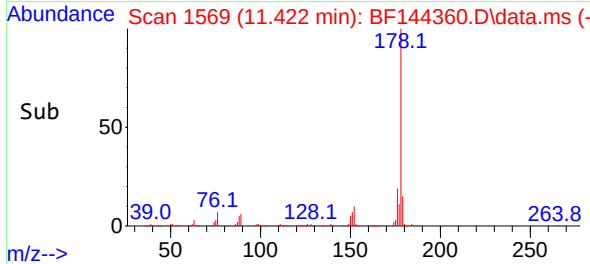
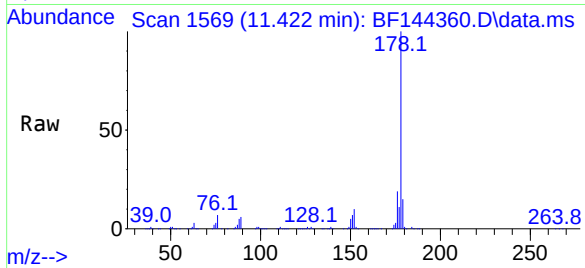
#71
Phenanthrene
Concen: 43.391 ng
RT: 11.422 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Instrument :
BNA_F
ClientSampleId :
PB170735BS

Tgt Ion:178 Resp: 466230
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 14.9 12.2 18.4

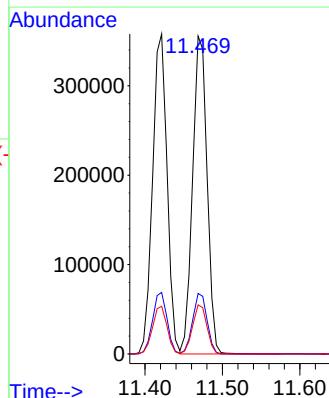
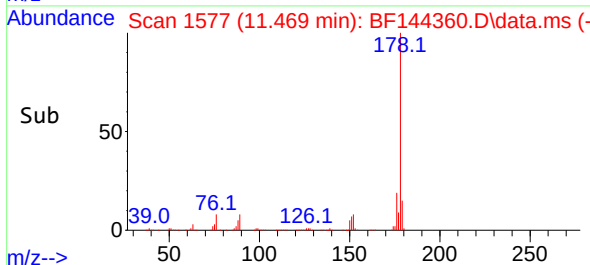
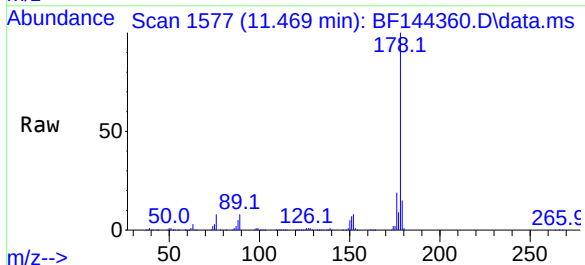
Manual Integrations
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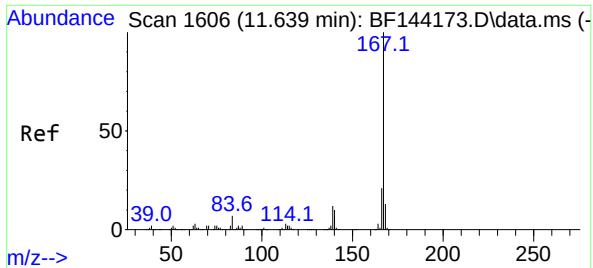
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#72
Anthracene
Concen: 42.232 ng
RT: 11.469 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

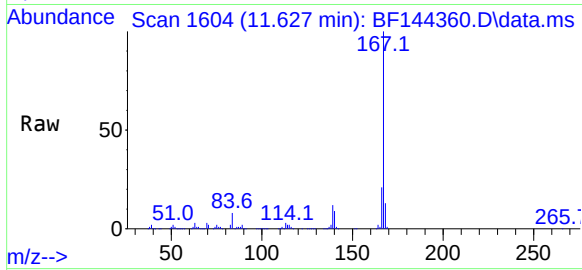
Tgt Ion:178 Resp: 461409
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.4 12.0 18.0





#73
Carbazole
Concen: 41.840 ng
RT: 11.627 min Scan# 1604
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

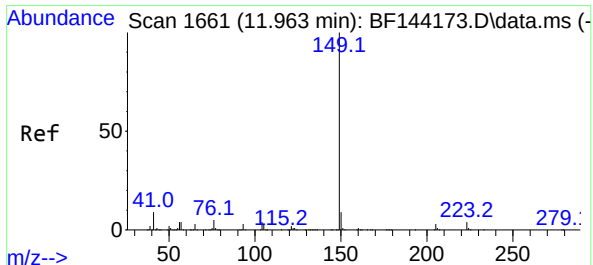
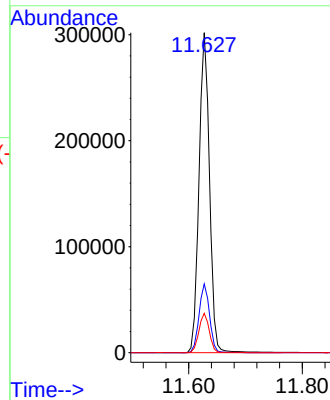
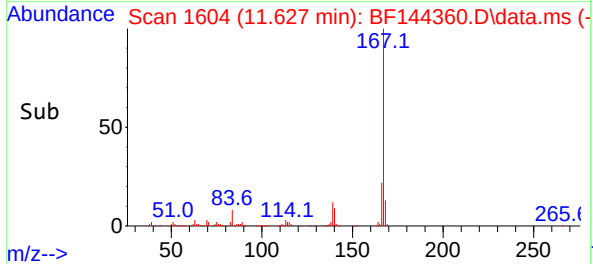
Instrument :
BNA_F
ClientSampleId :
PB170735BS



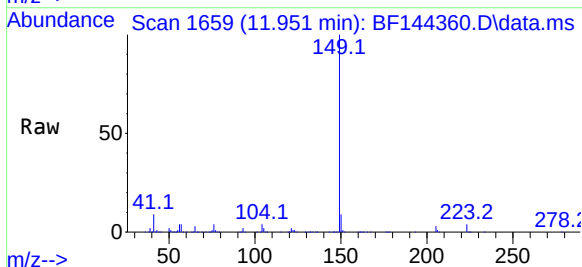
Tgt Ion:167 Resp: 388712
Ion Ratio Lower Upper
167 100
166 21.5 17.2 25.8
139 12.3 9.9 14.9

Manual Integrations
APPROVED

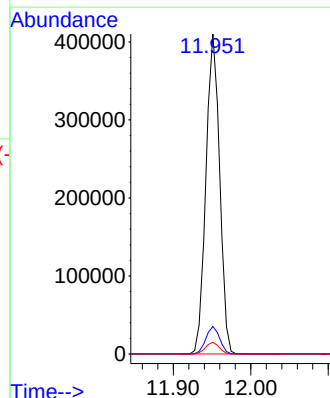
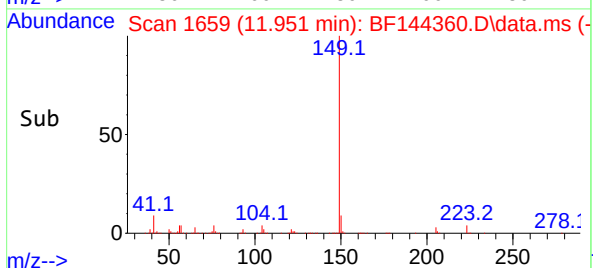
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

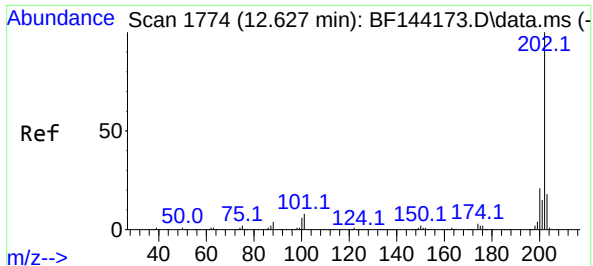


#74
Di-n-butylphthalate
Concen: 44.786 ng
RT: 11.951 min Scan# 1659
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30



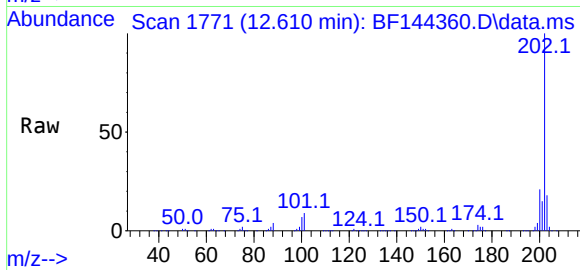
Tgt Ion:149 Resp: 502995
Ion Ratio Lower Upper
149 100
150 8.6 7.4 11.0
104 3.7 3.4 5.2





#75
Fluoranthene
Concen: 40.965 ng
RT: 12.610 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

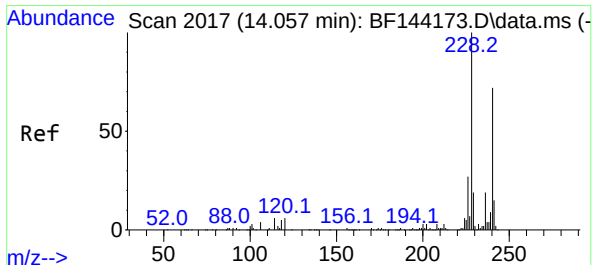
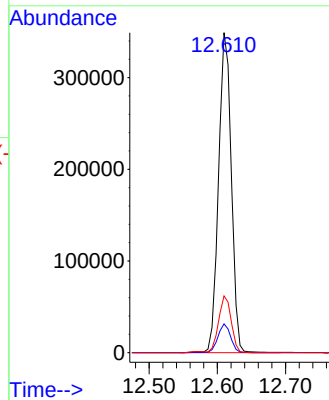
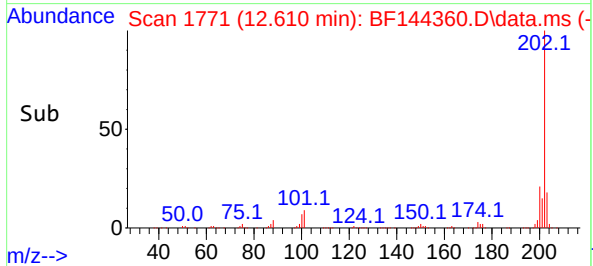
Instrument :
BNA_F
ClientSampleId :
PB170735BS



Tgt Ion:202 Resp: 454684
Ion Ratio Lower Upper
202 100
101 9.0 0.0 27.9
203 17.8 0.0 37.5

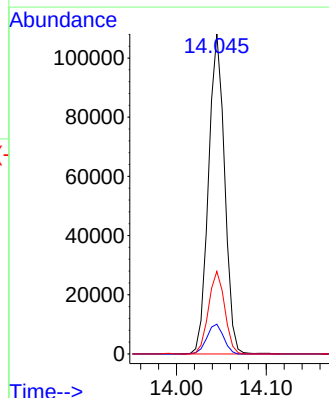
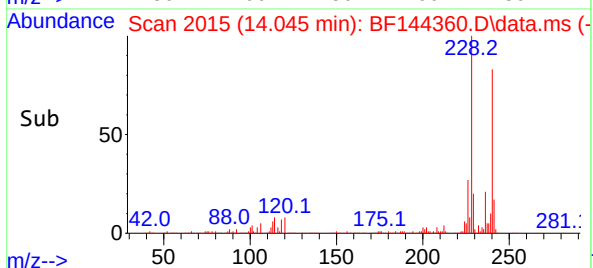
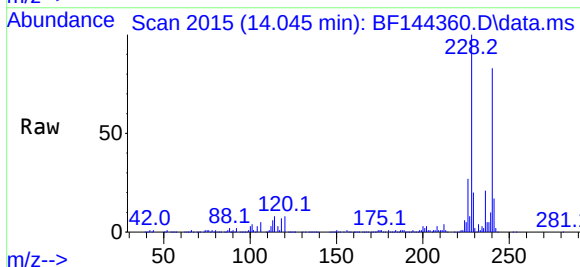
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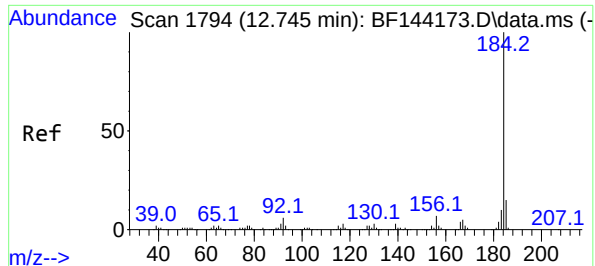
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:240 Resp: 134794
Ion Ratio Lower Upper
240 100
120 9.3 6.6 10.0
236 25.8 21.4 32.2





#77

Benzidine

Concen: 18.297 ng

RT: 12.733 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF144360.D

Acq: 26 Nov 2025 14:30

Instrument :

BNA_F

ClientSampleId :

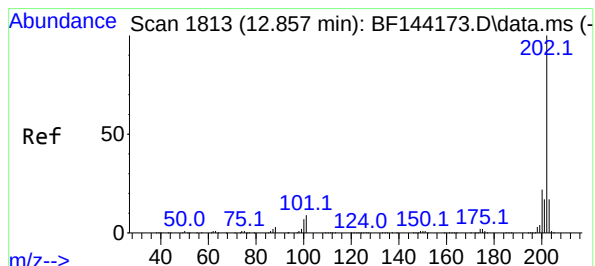
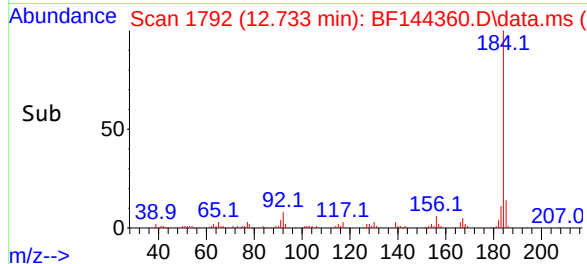
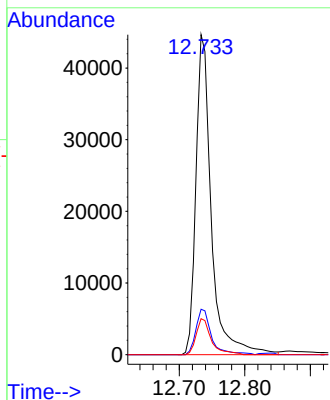
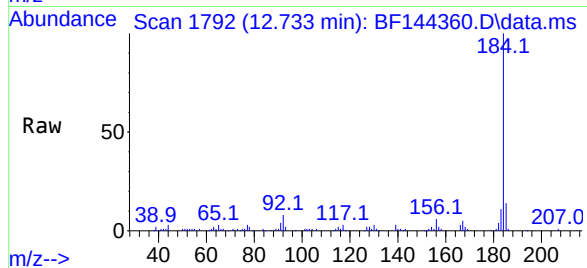
PB170735BS

Tgt Ion:184	Resp:	7295
Ion Ratio	Lower	Upper
184	100	
185	14.2	11.7 17.5
183	11.2	8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#78

Pyrene

Concen: 41.627 ng

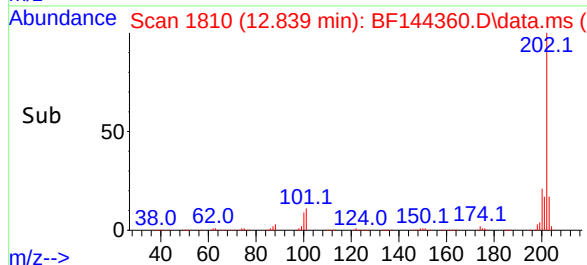
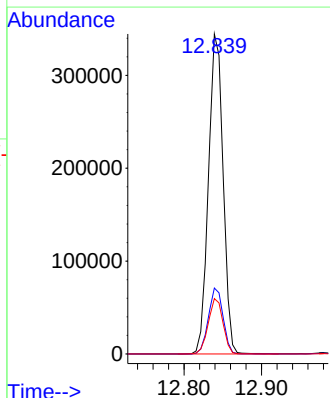
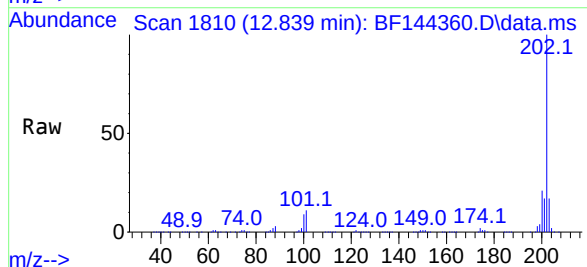
RT: 12.839 min Scan# 1810

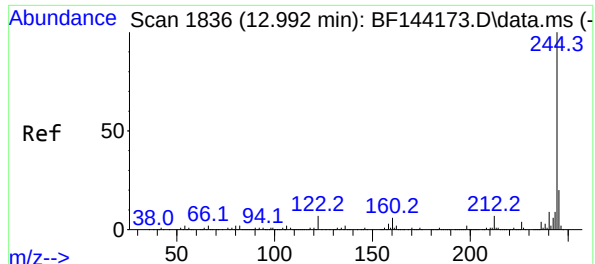
Delta R.T. -0.012 min

Lab File: BF144360.D

Acq: 26 Nov 2025 14:30

Tgt Ion:202	Resp:	452414
Ion Ratio	Lower	Upper
202	100	
200	20.6	17.2 25.8
203	17.3	13.7 20.5





#79

Terphenyl-d14

Concen: 76.489 ng

RT: 12.980 min Scan# 1836

Delta R.T. -0.012 min

Lab File: BF144360.D

Acq: 26 Nov 2025 14:30

Instrument :

BNA_F

ClientSampleId :

PB170735BS

Tgt Ion:244 Resp: 64909

Ion Ratio Lower Upper

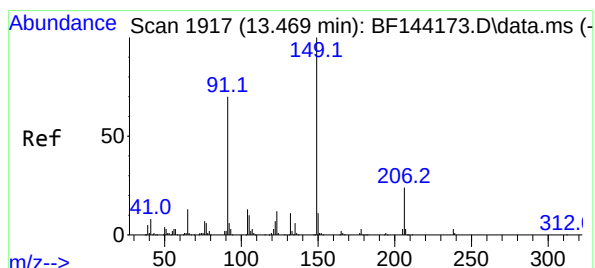
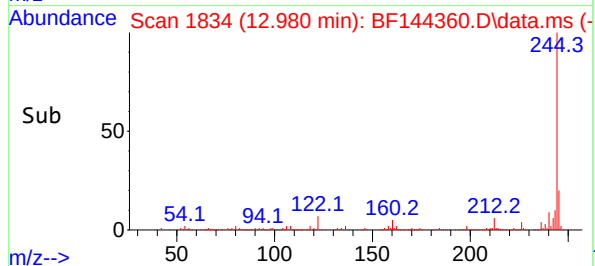
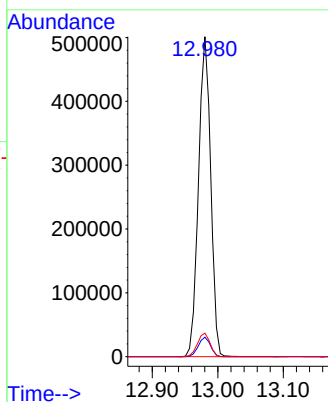
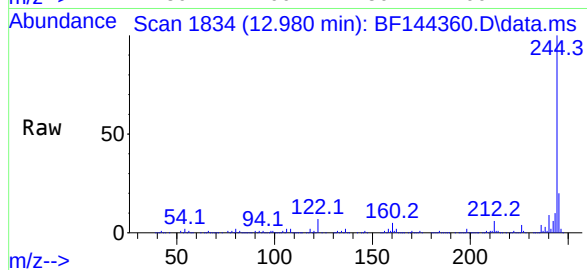
244 100

212 6.1 5.3 7.9

122 7.3 5.6 8.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

#80

Butylbenzylphthalate

Concen: 44.725 ng

RT: 13.457 min Scan# 1915

Delta R.T. -0.012 min

Lab File: BF144360.D

Acq: 26 Nov 2025 14:30

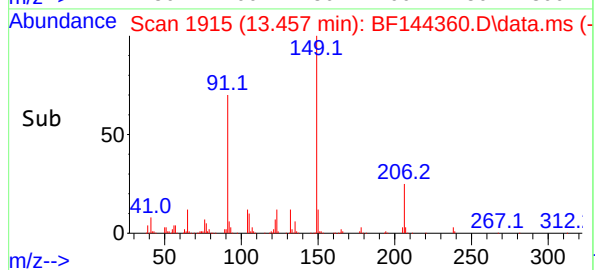
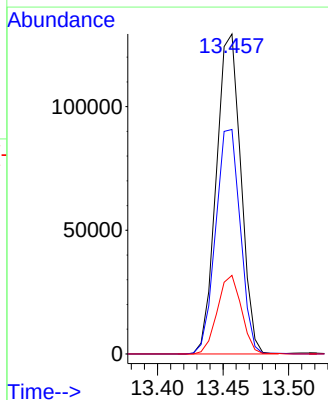
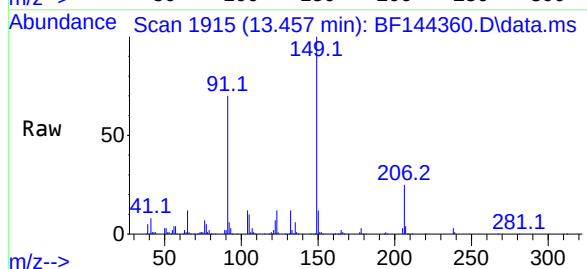
Tgt Ion:149 Resp: 168470

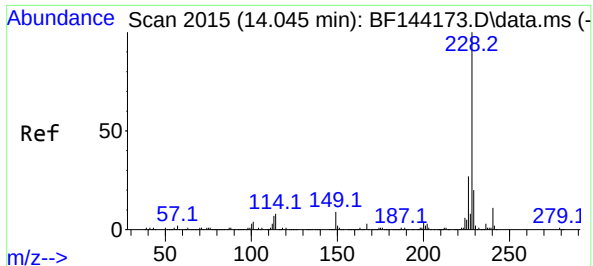
Ion Ratio Lower Upper

149 100

91 70.2 56.1 84.1

206 24.6 18.8 28.2





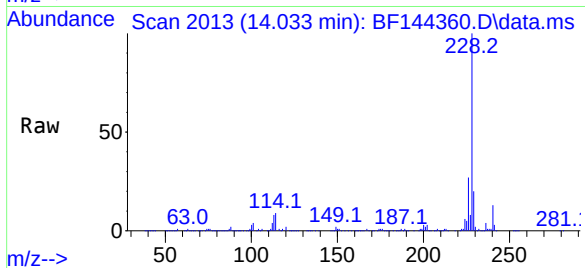
#81
Benzo(a)anthracene
Concen: 43.661 ng
RT: 14.033 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Instrument :

BNA_F

ClientSampleId :

PB170735BS

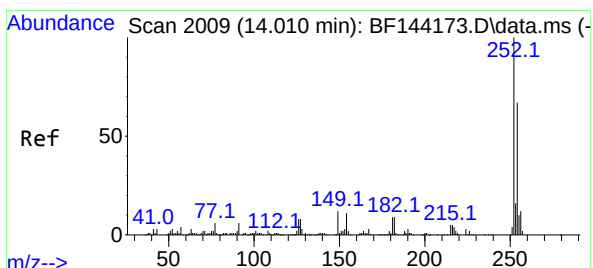
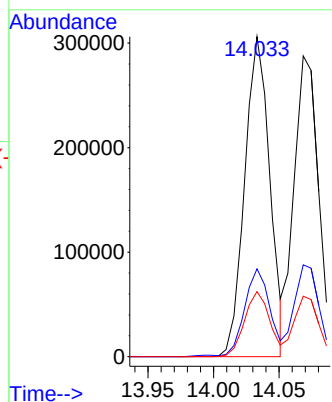


Tgt Ion:228 Resp: 40788
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.8
229 20.4 15.8 23.6

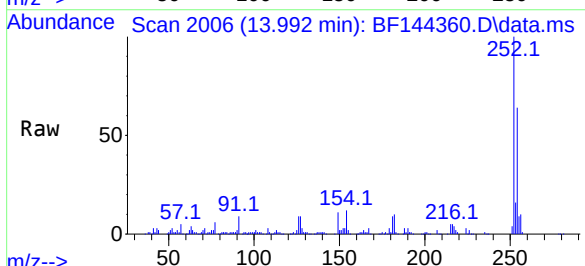
Manual Integrations

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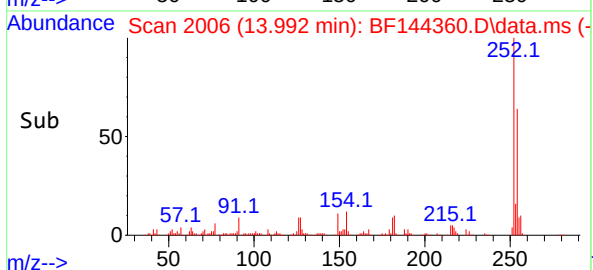
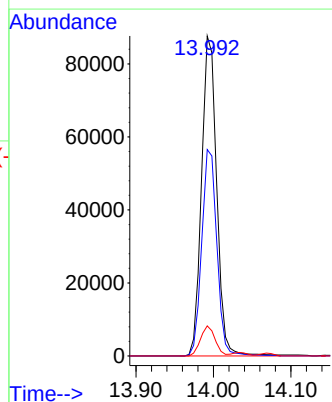
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

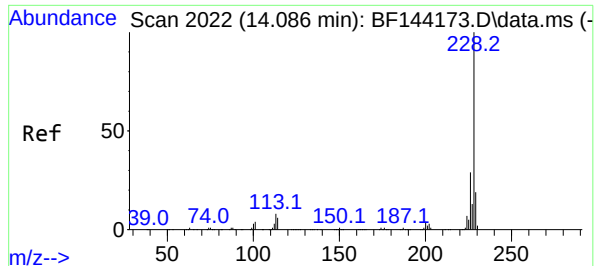


#82
3,3'-Dichlorobenzidine
Concen: 37.154 ng
RT: 13.992 min Scan# 2006
Delta R.T. -0.018 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30



Tgt Ion:252 Resp: 118978
Ion Ratio Lower Upper
252 100
254 64.5 53.5 80.3
126 9.4 6.4 9.6





#83

Chrysene

Concen: 43.123 ng

RT: 14.068 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF144360.D

Acq: 26 Nov 2025 14:30

Instrument :

BNA_F

ClientSampleId :

PB170735BS

Tgt Ion:228 Resp: 371894

Ion Ratio Lower Upper

228 100

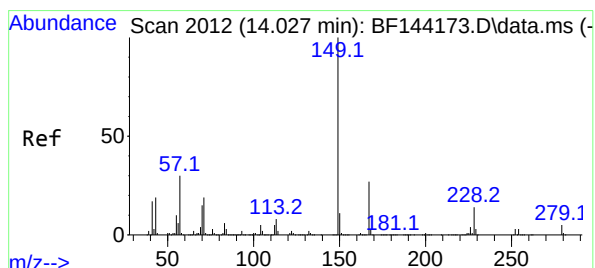
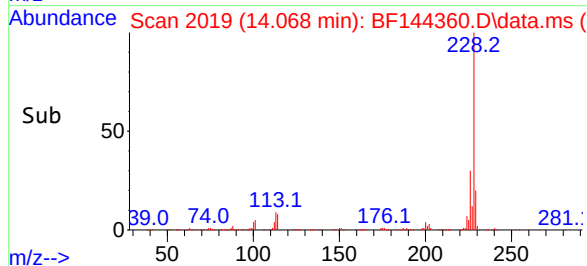
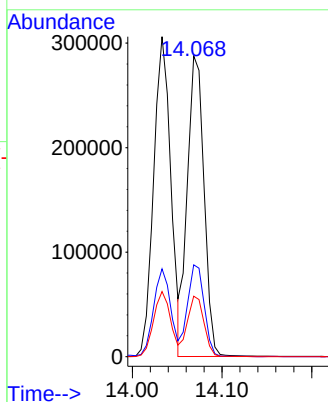
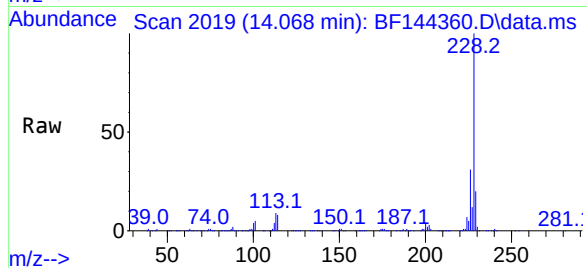
226 30.6 22.9 34.3

229 20.1 15.0 22.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/02/2025
 Supervised By :mohammad ahmed 12/03/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.908 ng

RT: 14.010 min Scan# 2009

Delta R.T. -0.018 min

Lab File: BF144360.D

Acq: 26 Nov 2025 14:30

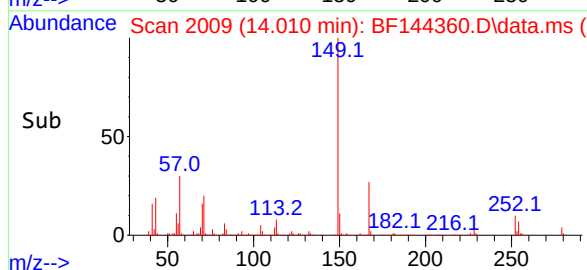
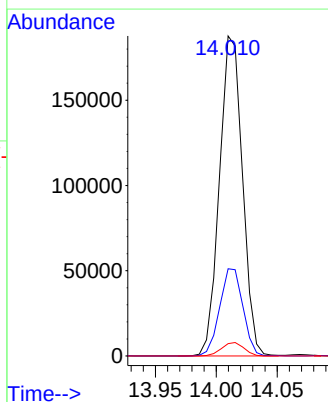
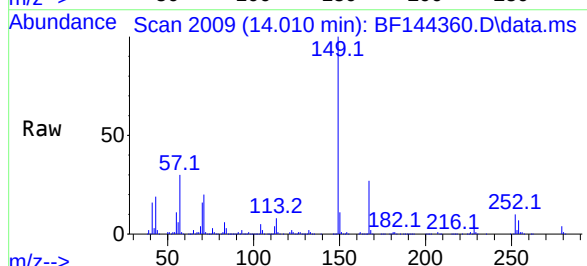
Tgt Ion:149 Resp: 247038

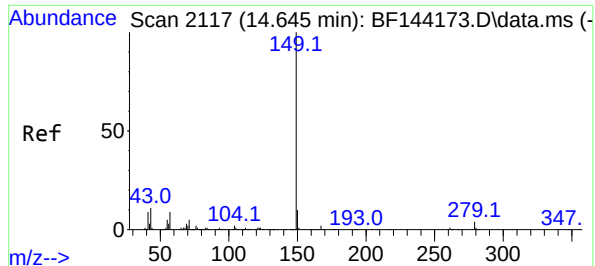
Ion Ratio Lower Upper

149 100

167 27.3 21.8 32.8

279 3.9 3.7 5.5





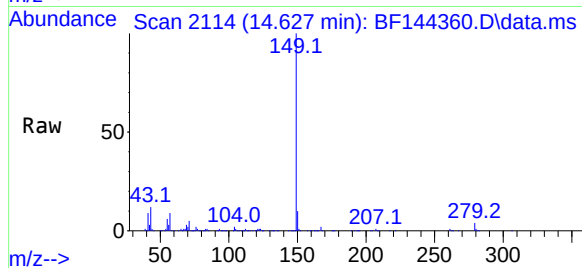
#85
Di-n-octyl phthalate
Concen: 51.000 ng
RT: 14.627 min Scan# 2114
Delta R.T. -0.018 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Instrument :

BNA_F

ClientSampleId :

PB170735BS

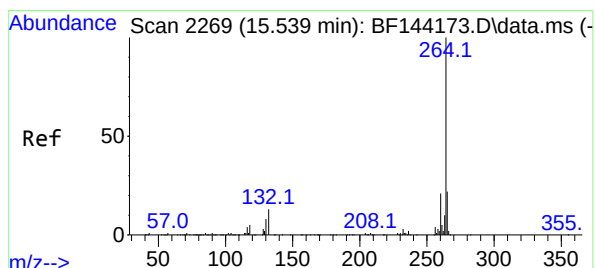
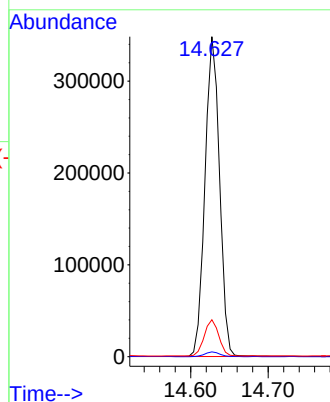
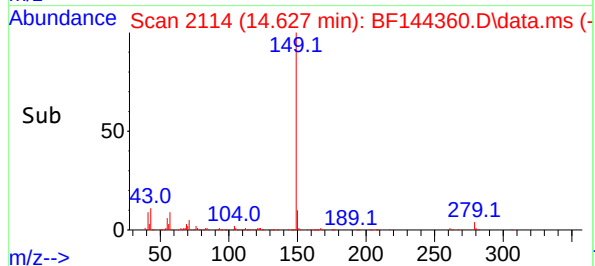


Tgt Ion:149 Resp: 45373
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.2 9.0 13.4

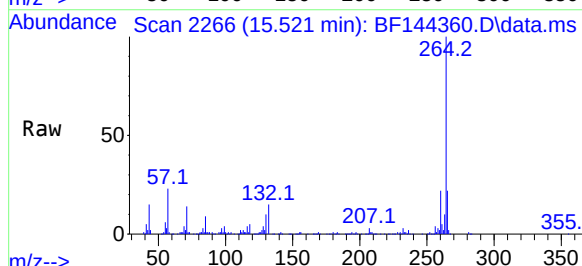
Manual Integrations

APPROVED

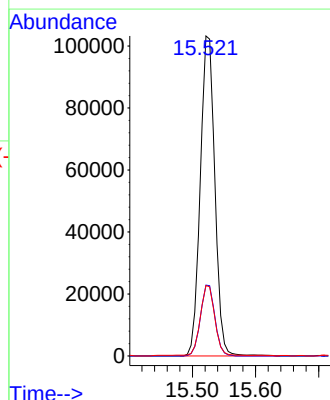
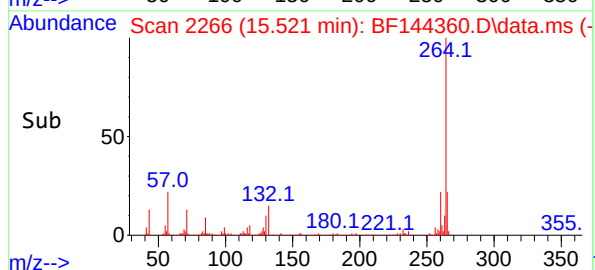
Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



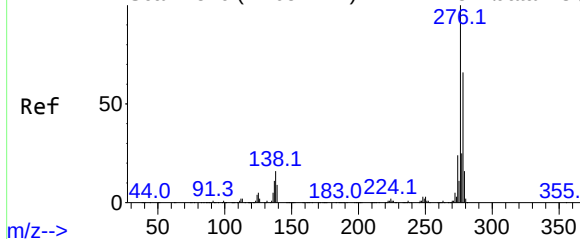
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2266
Delta R.T. -0.018 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30



Tgt Ion:264 Resp: 165299
Ion Ratio Lower Upper
264 100
260 22.2 17.1 25.7
265 22.0 17.4 26.0



Abundance Scan 2526 (17.051 min): BF144173.D\data.ms (-



#87

Indeno(1,2,3-cd)pyrene

Concen: 45.798 ng

RT: 17.033 min Scan# 2193

Delta R.T. -0.000 min

Lab File: BF144360.D

Acq: 26 Nov 2025 14:30

Instrument :

BNA_F

ClientSampleId :

PB170735BS

Tgt Ion:276 Resp: 54343

Ion Ratio Lower Upper

276 100

138 20.5 13.9 20.9

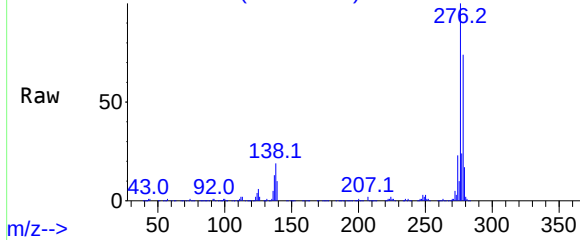
277 25.0 19.8 29.6

Manual Integrations

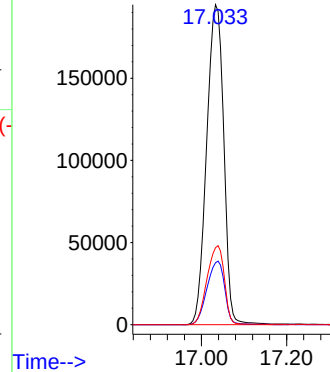
APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

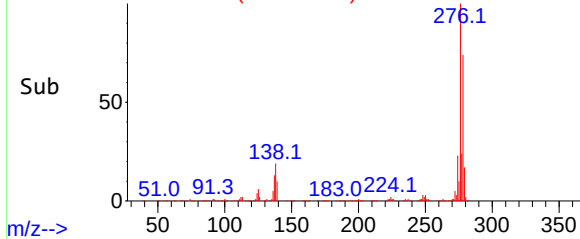
Abundance Scan 2523 (17.033 min): BF144360.D\data.ms



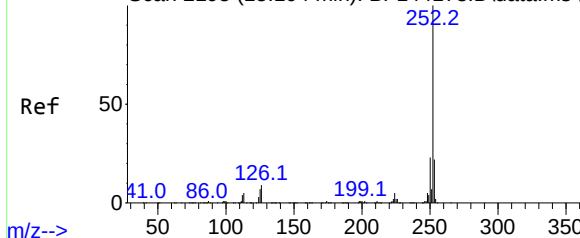
Abundance



Abundance Scan 2523 (17.033 min): BF144360.D\data.ms (-



Abundance Scan 2195 (15.104 min): BF144173.D\data.ms (-



#88

Benzo(b)fluoranthene

Concen: 54.294 ng

RT: 15.092 min Scan# 2193

Delta R.T. -0.006 min

Lab File: BF144360.D

Acq: 26 Nov 2025 14:30

Tgt Ion:252 Resp: 510236

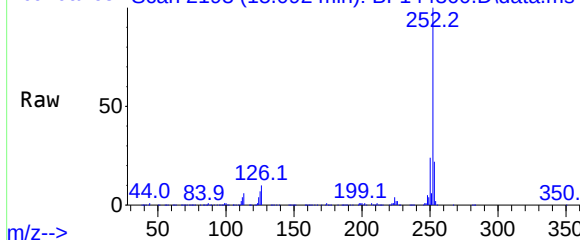
Ion Ratio Lower Upper

252 100

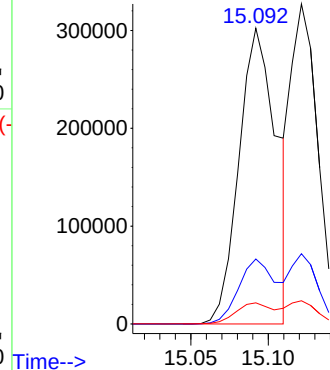
253 22.0 17.4 26.2

125 7.1 5.3 7.9

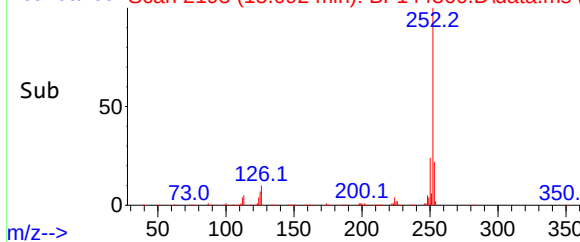
Abundance Scan 2193 (15.092 min): BF144360.D\data.ms

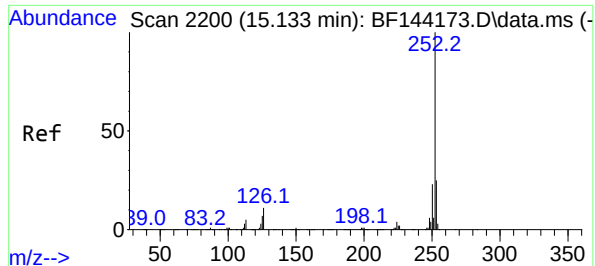


Abundance



Abundance Scan 2193 (15.092 min): BF144360.D\data.ms (-





#89

Benzo(k)fluoranthene

Concen: 44.967 ng

RT: 15.121 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF144360.D

Acq: 26 Nov 2025 14:30

Instrument :

BNA_F

ClientSampleId :

PB170735BS

Tgt Ion:252 Resp: 39553

Ion Ratio Lower Upper

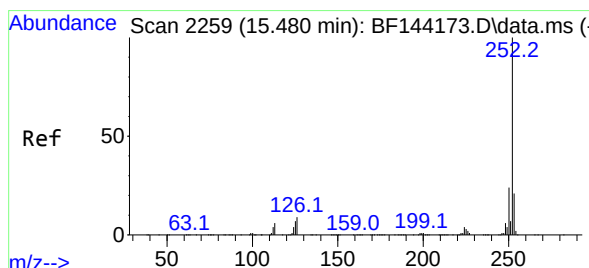
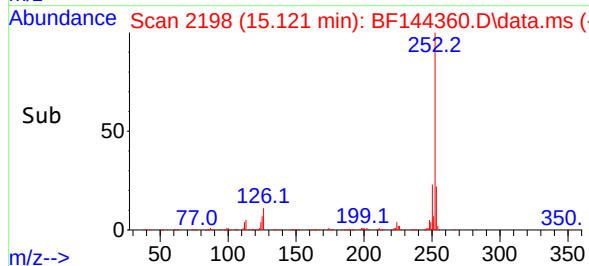
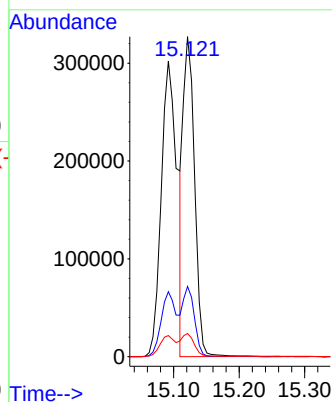
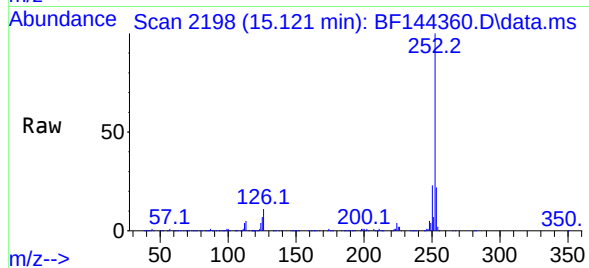
252 100

253 21.9 18.0 27.0

125 7.3 5.4 8.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

#90

Benzo(a)pyrene

Concen: 51.387 ng

RT: 15.462 min Scan# 2256

Delta R.T. -0.012 min

Lab File: BF144360.D

Acq: 26 Nov 2025 14:30

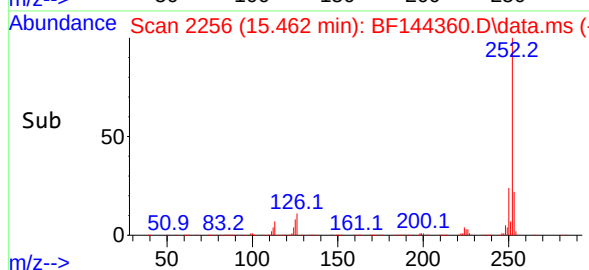
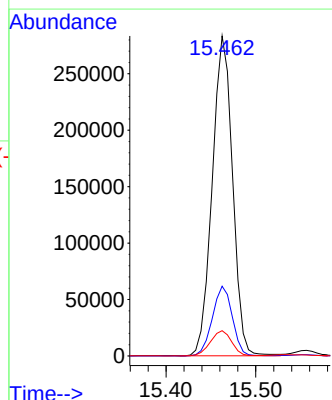
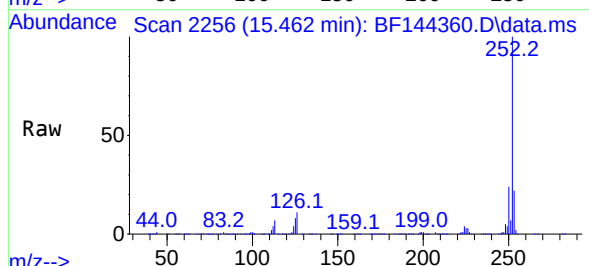
Tgt Ion:252 Resp: 445511

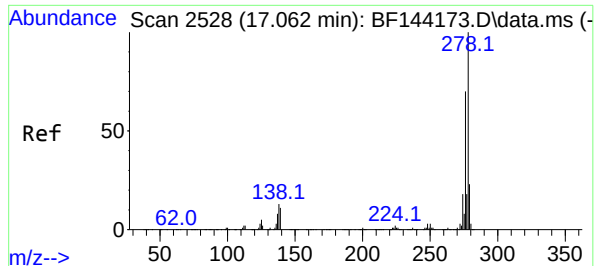
Ion Ratio Lower Upper

252 100

253 21.8 16.7 25.1

125 7.9 5.7 8.5





#91
Dibenzo(a,h)anthracene
Concen: 47.398 ng
RT: 17.045 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Instrument :

BNA_F

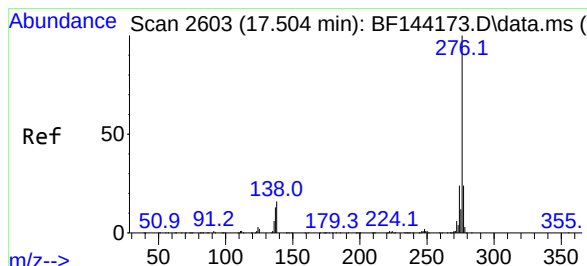
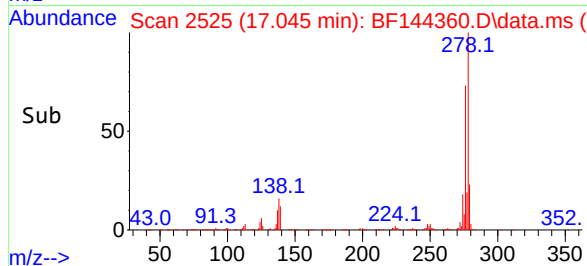
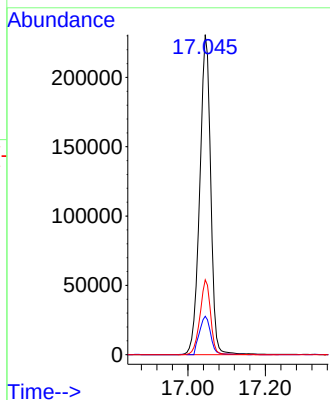
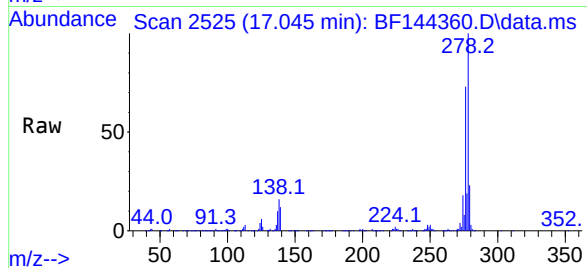
ClientSampleId :

PB170735BS

Tgt Ion:278 Resp: 45168
Ion Ratio Lower Upper
278 100
139 12.0 9.1 13.7
279 23.4 18.2 27.4

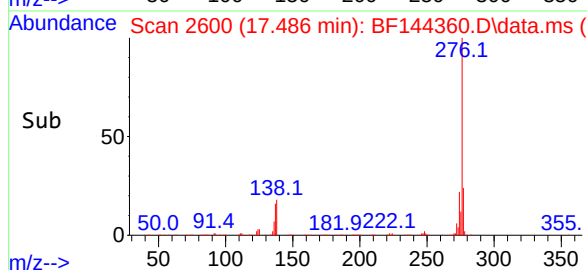
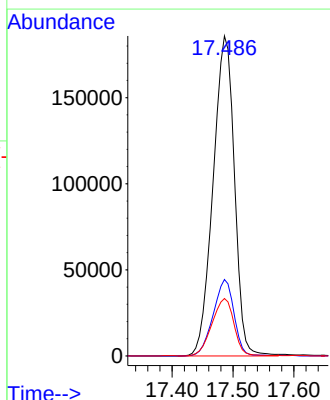
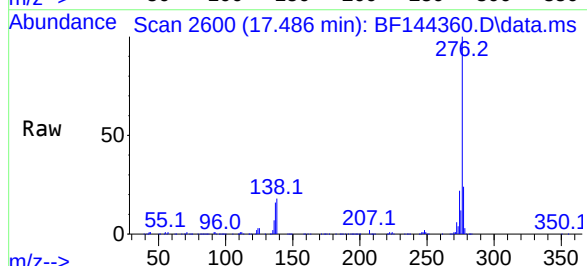
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#92
Benzo(g,h,i)perylene
Concen: 48.162 ng
RT: 17.486 min Scan# 2600
Delta R.T. -0.006 min
Lab File: BF144360.D
Acq: 26 Nov 2025 14:30

Tgt Ion:276 Resp: 453226
Ion Ratio Lower Upper
276 100
277 23.9 19.0 28.4
138 18.0 12.9 19.3





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

Report of Analysis

Client:	Roman E&G Corp	Date Collected:	11/25/25
Project:	MCUA - New Brunswick	Date Received:	11/25/25
Client Sample ID:	SB-1125-15BMS	SDG No.:	Q3604
Lab Sample ID:	Q3719-10MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	89.4
Sample Wt/Vol:	30.03 g	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541		
	Level: LOW		
	Final Vol: 1000 uL		
	Prep Date: 11/25/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	1200		1	170	370	ug/Kg	12/01/25 17:51	PB170735
108-95-2	Phenol	1700		1	24.7	190	ug/Kg	12/01/25 17:51	PB170735
111-44-4	bis(2-Chloroethyl)ether	1700		1	27.2	190	ug/Kg	12/01/25 17:51	PB170735
95-57-8	2-Chlorophenol	1800		1	27.3	190	ug/Kg	12/01/25 17:51	PB170735
95-48-7	2-Methylphenol	1700		1	33.4	190	ug/Kg	12/01/25 17:51	PB170735
108-60-1	2,2-oxybis(1-Chloropropane)	1700		1	41.9	190	ug/Kg	12/01/25 17:51	PB170735
98-86-2	Acetophenone	1800		1	33.0	190	ug/Kg	12/01/25 17:51	PB170735
65794-96-9	3+4-Methylphenols	1700		1	45.9	370	ug/Kg	12/01/25 17:51	PB170735
621-64-7	n-Nitroso-di-n-propylamine	1600		1	53.0	89.4	ug/Kg	12/01/25 17:51	PB170735
67-72-1	Hexachloroethane	1800		1	19.7	190	ug/Kg	12/01/25 17:51	PB170735
98-95-3	Nitrobenzene	1800		1	20.4	190	ug/Kg	12/01/25 17:51	PB170735
78-59-1	Isophorone	1700		1	36.7	190	ug/Kg	12/01/25 17:51	PB170735
88-75-5	2-Nitrophenol	1800		1	65.0	190	ug/Kg	12/01/25 17:51	PB170735
105-67-9	2,4-Dimethylphenol	1800		1	72.4	190	ug/Kg	12/01/25 17:51	PB170735
111-91-1	bis(2-Chloroethoxy)methane	1700		1	34.4	190	ug/Kg	12/01/25 17:51	PB170735
120-83-2	2,4-Dichlorophenol	1800		1	31.6	190	ug/Kg	12/01/25 17:51	PB170735
91-20-3	Naphthalene	1700		1	25.4	190	ug/Kg	12/01/25 17:51	PB170735
106-47-8	4-Chloroaniline	760		1	39.6	190	ug/Kg	12/01/25 17:51	PB170735
87-68-3	Hexachlorobutadiene	1800		1	28.3	190	ug/Kg	12/01/25 17:51	PB170735
105-60-2	Caprolactam	1700		1	58.2	370	ug/Kg	12/01/25 17:51	PB170735
59-50-7	4-Chloro-3-methylphenol	1800		1	32.1	190	ug/Kg	12/01/25 17:51	PB170735
91-57-6	2-Methylnaphthalene	1600		1	28.6	190	ug/Kg	12/01/25 17:51	PB170735
77-47-4	Hexachlorocyclopentadiene	3500	E	1	130	370	ug/Kg	12/01/25 17:51	PB170735
88-06-2	2,4,6-Trichlorophenol	1900		1	22.1	190	ug/Kg	12/01/25 17:51	PB170735
95-95-4	2,4,5-Trichlorophenol	1900		1	32.5	190	ug/Kg	12/01/25 17:51	PB170735
92-52-4	1,1-Biphenyl	1800		1	24.4	190	ug/Kg	12/01/25 17:51	PB170735
91-58-7	2-Chloronaphthalene	1800		1	25.1	190	ug/Kg	12/01/25 17:51	PB170735
88-74-4	2-Nitroaniline	1800		1	53.7	190	ug/Kg	12/01/25 17:51	PB170735
131-11-3	Dimethylphthalate	1800		1	30.3	190	ug/Kg	12/01/25 17:51	PB170735
208-96-8	Acenaphthylene	1800		1	32.3	190	ug/Kg	12/01/25 17:51	PB170735
606-20-2	2,6-Dinitrotoluene	2000		1	37.5	190	ug/Kg	12/01/25 17:51	PB170735
99-09-2	3-Nitroaniline	1100		1	51.4	190	ug/Kg	12/01/25 17:51	PB170735
83-32-9	Acenaphthene	1800		1	23.8	190	ug/Kg	12/01/25 17:51	PB170735
51-28-5	2,4-Dinitrophenol	4000	E	1	260	370	ug/Kg	12/01/25 17:51	PB170735
100-02-7	4-Nitrophenol	3400	E	1	120	370	ug/Kg	12/01/25 17:51	PB170735
132-64-9	Dibenzofuran	1800		1	25.4	190	ug/Kg	12/01/25 17:51	PB170735
121-14-2	2,4-Dinitrotoluene	1900		1	56.0	190	ug/Kg	12/01/25 17:51	PB170735
84-66-2	Diethylphthalate	1900		1	31.6	190	ug/Kg	12/01/25 17:51	PB170735
7005-72-3	4-Chlorophenyl-phenylether	1800		1	29.8	190	ug/Kg	12/01/25 17:51	PB170735
86-73-7	Fluorene	1800		1	28.3	190	ug/Kg	12/01/25 17:51	PB170735
100-01-6	4-Nitroaniline	1600		1	71.7	190	ug/Kg	12/01/25 17:51	PB170735
534-52-1	4,6-Dinitro-2-methylphenol	1900		1	120	370	ug/Kg	12/01/25 17:51	PB170735



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

Report of Analysis

Client:	Roman E&G Corp	Date Collected:	11/25/25
Project:	MCUA - New Brunswick	Date Received:	11/25/25
Client Sample ID:	SB-1125-15BMS	SDG No.:	Q3604
Lab Sample ID:	Q3719-10MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	89.4
Sample Wt/Vol:	30.03 g	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541		
	Level: LOW		
	Final Vol: 1000 uL		
	Prep Date: 11/25/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	1900		1	36.8	190	ug/Kg	12/01/25 17:51	PB170735
101-55-3	4-Bromophenyl-phenylether	1900		1	31.1	190	ug/Kg	12/01/25 17:51	PB170735
118-74-1	Hexachlorobenzene	1900		1	28.3	190	ug/Kg	12/01/25 17:51	PB170735
1912-24-9	Atrazine	1900		1	38.0	190	ug/Kg	12/01/25 17:51	PB170735
87-86-5	Pentachlorophenol	3800	E	1	57.3	370	ug/Kg	12/01/25 17:51	PB170735
85-01-8	Phenanthrene	1900		1	23.4	190	ug/Kg	12/01/25 17:51	PB170735
120-12-7	Anthracene	1900		1	37.2	190	ug/Kg	12/01/25 17:51	PB170735
86-74-8	Carbazole	1800		1	34.9	190	ug/Kg	12/01/25 17:51	PB170735
84-74-2	Di-n-butylphthalate	1900		1	53.5	190	ug/Kg	12/01/25 17:51	PB170735
206-44-0	Fluoranthene	1900		1	33.5	190	ug/Kg	12/01/25 17:51	PB170735
129-00-0	Pyrene	2000		1	40.2	190	ug/Kg	12/01/25 17:51	PB170735
85-68-7	Butylbenzylphthalate	1900		1	79.8	190	ug/Kg	12/01/25 17:51	PB170735
91-94-1	3,3-Dichlorobenzidine	1200		1	41.0	370	ug/Kg	12/01/25 17:51	PB170735
56-55-3	Benzo(a)anthracene	1900		1	25.7	190	ug/Kg	12/01/25 17:51	PB170735
218-01-9	Chrysene	1800		1	22.2	190	ug/Kg	12/01/25 17:51	PB170735
117-81-7	Bis(2-ethylhexyl)phthalate	1800		1	66.2	190	ug/Kg	12/01/25 17:51	PB170735
117-84-0	Di-n-octyl phthalate	1800		1	97.0	370	ug/Kg	12/01/25 17:51	PB170735
205-99-2	Benzo(b)fluoranthene	1900		1	21.2	190	ug/Kg	12/01/25 17:51	PB170735
207-08-9	Benzo(k)fluoranthene	1900		1	25.0	190	ug/Kg	12/01/25 17:51	PB170735
50-32-8	Benzo(a)pyrene	2000		1	33.0	190	ug/Kg	12/01/25 17:51	PB170735
193-39-5	Indeno(1,2,3-cd)pyrene	1900		1	32.5	190	ug/Kg	12/01/25 17:51	PB170735
53-70-3	Dibenzo(a,h)anthracene	1900		1	30.6	190	ug/Kg	12/01/25 17:51	PB170735
191-24-2	Benzo(g,h,i)perylene	1900		1	28.7	190	ug/Kg	12/01/25 17:51	PB170735
95-94-3	1,2,4,5-Tetrachlorobenzene	1900		1	28.6	190	ug/Kg	12/01/25 17:51	PB170735
123-91-1	1,4-Dioxane	1600		1	50.5	190	ug/Kg	12/01/25 17:51	PB170735
58-90-2	2,3,4,6-Tetrachlorophenol	2000		1	30.6	190	ug/Kg	12/01/25 17:51	PB170735

SURROGATES

367-12-4	2-Fluorophenol	63.6			30 (10) - 130 (105)	42%	SPK: 150
13127-88-3	Phenol-d6	63.1			30 (10) - 130 (103)	42%	SPK: 150
4165-60-0	Nitrobenzene-d5	42.7			30 (10) - 130 (108)	43%	SPK: 100
321-60-8	2-Fluorobiphenyl	41.8			30 (10) - 130 (108)	42%	SPK: 100
118-79-6	2,4,6-Tribromophenol	65.1			30 (10) - 130 (116)	43%	SPK: 150
1718-51-0	Terphenyl-d14	44.4			30 (10) - 130 (109)	44%	SPK: 100

INTERNAL STANDARDS

		Area Count
3855-82-1	1,4-Dichlorobenzene-d4	233000
1146-65-2	Naphthalene-d8	912000
15067-26-2	Acenaphthene-d10	570000
1517-22-2	Phenanthrene-d10	1130000
1719-03-5	Chrysene-d12	1150000
1520-96-3	Perylene-d12	1320000



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

Report of Analysis

Client:	Roman E&G Corp	Date Collected:	11/25/25
Project:	MCUA - New Brunswick	Date Received:	11/25/25
Client Sample ID:	SB-1125-15BMS	SDG No.:	Q3604
Lab Sample ID:	Q3719-10MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	89.4
Sample Wt/Vol:	30.03 g	Final Vol:	1000 uL
Prep Method :	SW3541	Test:	SVOC-TCL BNA -20
	Level: LOW		
	Prep Date: 11/25/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

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\BP120125\
 Data File : BP026201.D
 Acq On : 01 Dec 2025 17:51
 Operator : RC/JU
 Sample : Q3719-10MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-1125-15BMS

Quant Time: Dec 01 18:17:49 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 01:25:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.655	152	233034	20.000	ng	-0.02
21) Naphthalene-d8	10.413	136	911777	20.000	ng	-0.04
39) Acenaphthene-d10	14.290	164	569978	20.000	ng	-0.04
64) Phenanthrene-d10	17.095	188	1129941	20.000	ng	-0.04
76) Chrysene-d12	21.536	240	1151085	20.000	ng	-0.04
86) Perylene-d12	24.830	264	1323407	20.000	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.278	112	923920	63.638	ng	-0.01
7) Phenol-d6	6.837	99	1166768	63.126	ng	-0.02
23) Nitrobenzene-d5	8.790	82	684932	42.670	ng	-0.02
42) 2,4,6-Tribromophenol	15.807	330	481439	65.112	ng	-0.03
45) 2-Fluorobiphenyl	12.896	172	1626385	41.820	ng	-0.04
79) Terphenyl-d14	19.836	244	2507666	44.421	ng	-0.04
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.220	88	250774	42.585	ng	98
3) Pyridine	3.608	79	662225	38.913	ng	100
4) n-Nitrosodimethylamine	3.514	42	304533	47.880	ng	89
6) Aniline	6.990	93	630018	25.816	ng	99
8) 2-Chlorophenol	7.225	128	788736	47.727	ng	99
9) Benzaldehyde	6.802	77	314375	32.457	ng	100
10) Phenol	6.861	94	930117	46.713	ng	97
11) bis(2-Chloroethyl)ether	7.084	93	701792	45.015	ng	98
12) 1,3-Dichlorobenzene	7.543	146	855675	48.060	ng	99
13) 1,4-Dichlorobenzene	7.690	146	866519	48.300	ng	100
14) 1,2-Dichlorobenzene	8.002	146	834465	48.438	ng	100
15) Benzyl Alcohol	7.890	79	624651	46.131	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.172	45	998081	45.585	ng	100
17) 2-Methylphenol	8.096	107	629245	46.424	ng	98
18) Hexachloroethane	8.719	117	309058	47.346	ng	98
19) n-Nitroso-di-n-propyla...	8.449	70	505235	44.000	ng	97
20) 3+4-Methylphenols	8.413	107	853730	45.454	ng	100
22) Acetophenone	8.461	105	1096937	47.332	ng	99
24) Nitrobenzene	8.831	77	764580	47.089	ng	99
25) Isophorone	9.361	82	1458953	45.847	ng	99
26) 2-Nitrophenol	9.537	139	401702	48.892	ng	98
27) 2,4-Dimethylphenol	9.602	122	703951	47.516	ng	100
28) bis(2-Chloroethoxy)met...	9.831	93	922117	46.269	ng	100
29) 2,4-Dichlorophenol	10.066	162	733579	49.541	ng	99
30) 1,2,4-Trichlorobenzene	10.284	180	776015	51.465	ng	99
31) Naphthalene	10.466	128	2311162	46.902	ng	99
32) Benzoic acid	9.737	122	551835	44.231	ng	98
33) 4-Chloroaniline	10.572	127	426200	20.338	ng	100
34) Hexachlorobutadiene	10.760	225	484470	49.402	ng	99
35) Caprolactam	11.355	113	240085	45.280	ng	94
36) 4-Chloro-3-methylphenol	11.702	107	762537	48.452	ng	100
37) 2-Methylnaphthalene	12.078	142	1498324	42.890	ng	100
38) 1-Methylnaphthalene	12.307	142	1552007	45.453	ng	99
40) 1,2,4,5-Tetrachloroben...	12.454	216	872851	50.645	ng	99
41) Hexachlorocyclopentadiene	12.437	237	1071835	95.026	ng	100
43) 2,4,6-Trichlorophenol	12.690	196	594644	50.327	ng	100

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 Data File : BP026201.D
 Acq On : 01 Dec 2025 17:51
 Operator : RC/JU
 Sample : Q3719-10MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-1125-15BMS

Quant Time: Dec 01 18:17:49 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 01:25:31 2025
 Response via : Initial Calibration

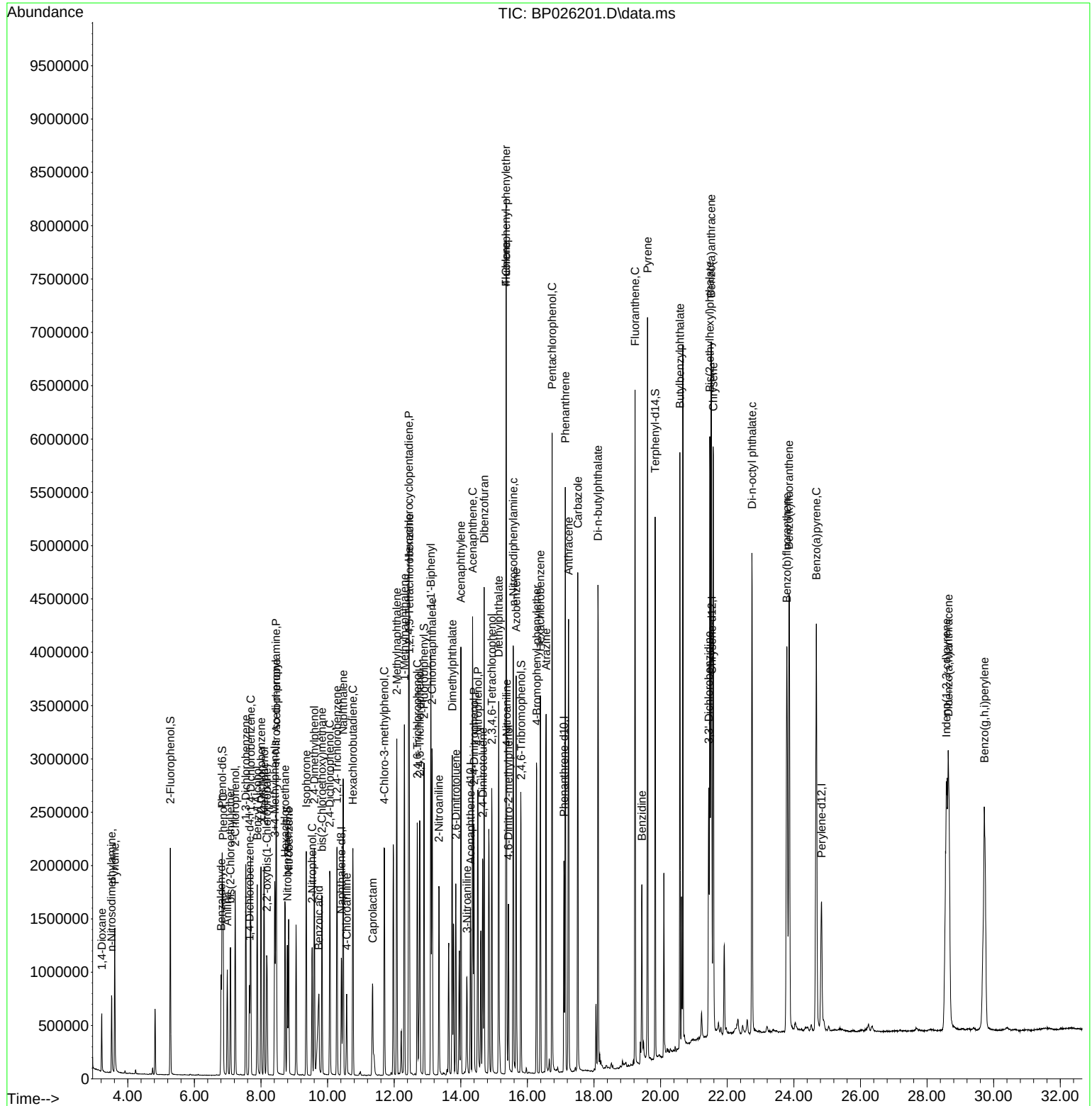
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44) 2,4,5-Trichlorophenol	12.766	196	656295	49.761	ng	100
46) 1,1'-Biphenyl	13.101	154	2111302	49.193	ng	99
47) 2-Chloronaphthalene	13.137	162	1637408	48.516	ng	99
48) 2-Nitroaniline	13.343	65	461630	49.187	ng	95
49) Acenaphthylene	14.001	152	2739172	49.204	ng	100
50) Dimethylphthalate	13.743	163	2043526	48.002	ng	100
51) 2,6-Dinitrotoluene	13.849	165	457796	54.271	ng	99
52) Acenaphthene	14.354	154	1541992	47.265	ng	99
53) 3-Nitroaniline	14.184	138	302286	30.436	ng	99
54) 2,4-Dinitrophenol	14.396	184	543215	106.681	ng	97
55) Dibenzofuran	14.701	168	2439496	48.278	ng	99
56) 4-Nitrophenol	14.513	139	830971	92.485	ng	95
57) 2,4-Dinitrotoluene	14.660	165	637580	50.621	ng	98
58) Fluorene	15.360	166	1962637	49.141	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.931	232	586135	52.385	ng	99
60) Diethylphthalate	15.137	149	2241447	52.266	ng	100
61) 4-Chlorophenyl-phenyle...	15.360	204	976947	49.162	ng	99
62) 4-Nitroaniline	15.378	138	436714	42.344	ng	96
63) Azobenzene	15.660	77	1905150	52.687	ng	99
65) 4,6-Dinitro-2-methylph...	15.431	198	362269	50.467	ng	98
66) n-Nitrosodiphenylamine	15.578	169	1775615	50.799	ng	100
67) 4-Bromophenyl-phenylether	16.278	248	634525	50.706	ng	100
68) Hexachlorobenzene	16.390	284	745760	51.358	ng	100
69) Atrazine	16.560	200	670034	50.835	ng	98
70) Pentachlorophenol	16.742	266	1025730	100.983	ng	100
71) Phenanthrene	17.137	178	3215634	50.519	ng	100
72) Anthracene	17.237	178	3257412	50.174	ng	100
73) Carbazole	17.513	167	2967469	48.125	ng	100
74) Di-n-butylphthalate	18.119	149	3754359	51.358	ng	100
75) Fluoranthene	19.231	202	3879717	50.166	ng	99
77) Benzidine	19.436	184	1205912	33.011	ng	99
78) Pyrene	19.607	202	3990288	52.870	ng	99
80) Butylbenzylphthalate	20.578	149	1665637	50.112	ng	99
81) Benzo(a)anthracene	21.519	228	3944904	49.901	ng	100
82) 3,3'-Dichlorobenzidine	21.442	252	952449	33.130	ng	99
83) Chrysene	21.583	228	3694023	49.581	ng	100
84) Bis(2-ethylhexyl)phtha...	21.477	149	2469683	49.085	ng	99
85) Di-n-octyl phthalate	22.742	149	4234005	48.125	ng	100
87) Indeno(1,2,3-cd)pyrene	28.577	276	5124135	51.628	ng	94
88) Benzo(b)fluoranthene	23.789	252	4141922	51.393	ng	100
89) Benzo(k)fluoranthene	23.854	252	4026385	50.019	ng	100
90) Benzo(a)pyrene	24.677	252	4013559	52.575	ng	99
91) Dibenzo(a,h)anthracene	28.642	278	4124078	50.760	ng	98
92) Benzo(g,h,i)perylene	29.718	276	4117869	50.992	ng	100

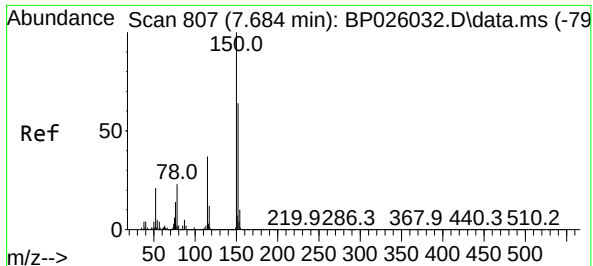
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Acq On    : 01 Dec 2025  17:51  
Operator  : RC/JU  
Sample    : Q3719-10MS  
Misc      :  
ALS Vial  : 6    Sample Multiplier: 1
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Instrument :
BNA_P
ClientSampleId :
SB-1125-15BMS

Quant Time: Dec 01 18:17:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Qlast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

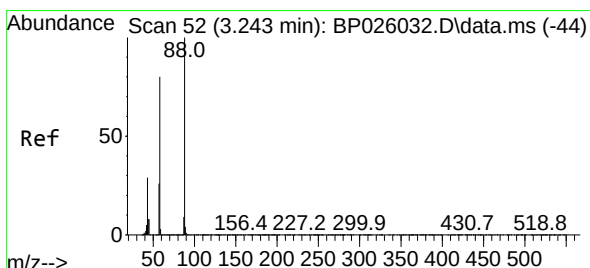
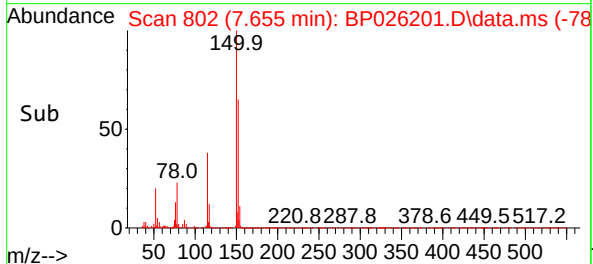
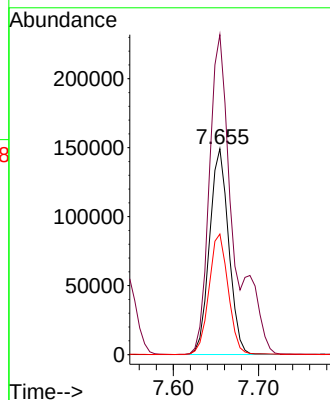
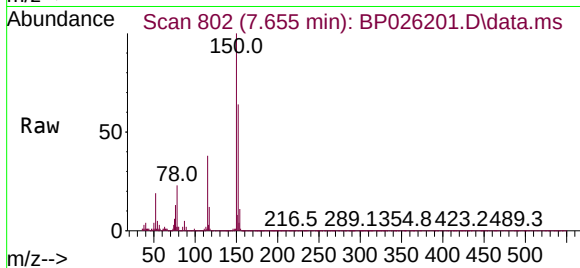




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.655 min Scan# 80
 Delta R.T. -0.017 min
 Lab File: BP026201.D
 Acq: 01 Dec 2025 17:51

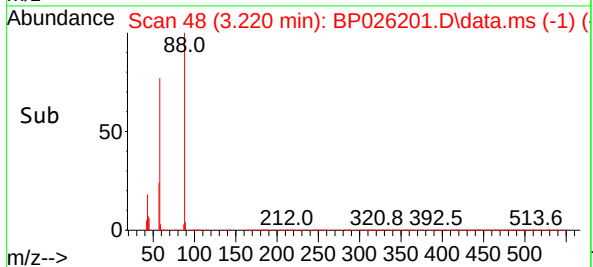
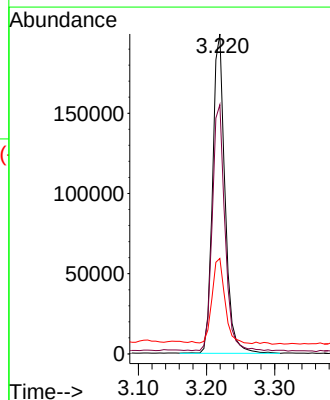
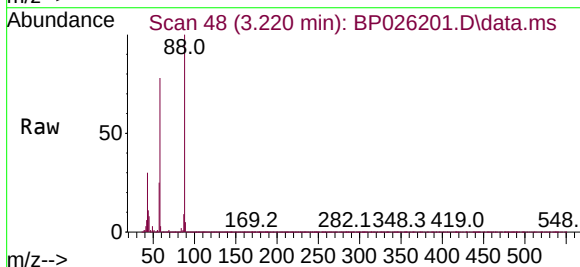
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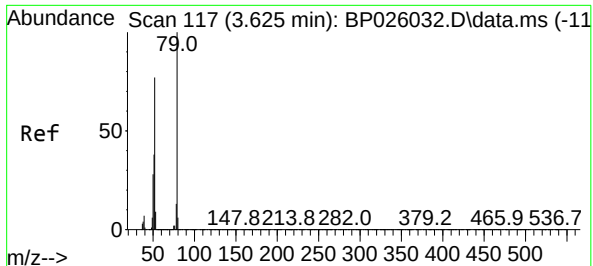
Tgt Ion:152 Resp: 233034
 Ion Ratio Lower Upper
 152 100
 150 155.4 123.0 184.6
 115 58.6 46.3 69.5



#2
 1,4-Dioxane
 Concen: 42.585 ng
 RT: 3.220 min Scan# 48
 Delta R.T. -0.006 min
 Lab File: BP026201.D
 Acq: 01 Dec 2025 17:51

Tgt Ion: 88 Resp: 250774
 Ion Ratio Lower Upper
 88 100
 58 78.8 64.2 96.4
 43 27.6 21.5 32.3

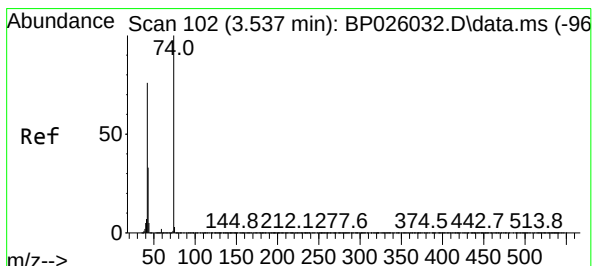
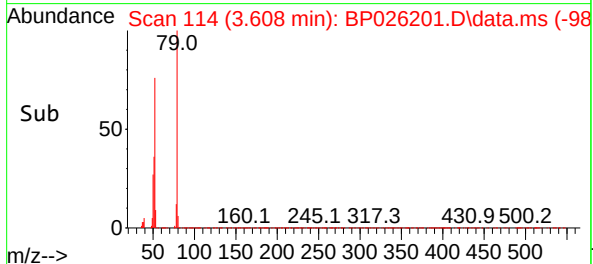
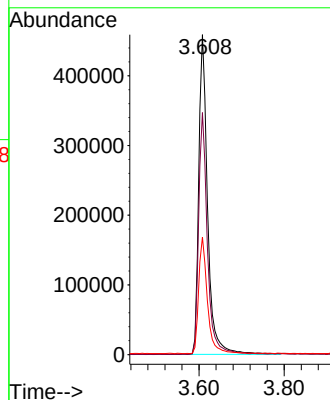
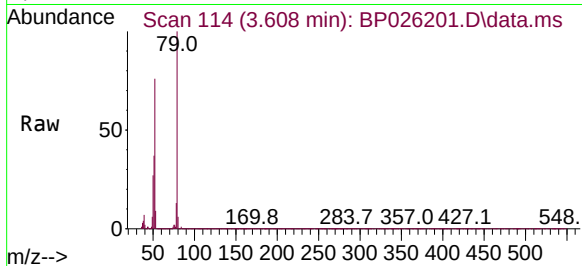




#3
Pyridine
Concen: 38.913 ng
RT: 3.608 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

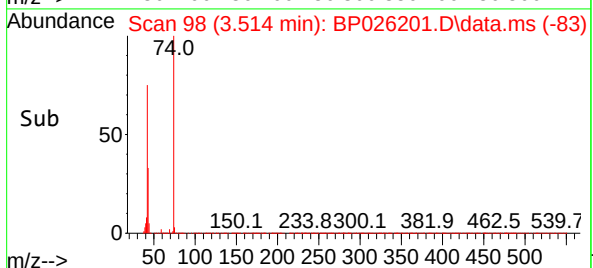
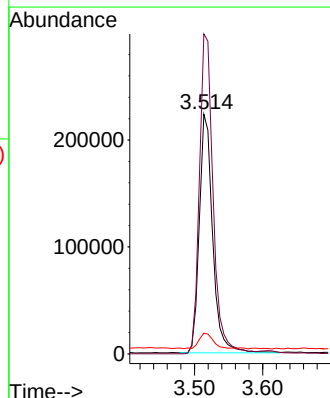
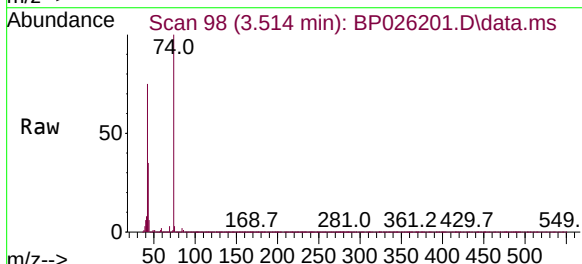
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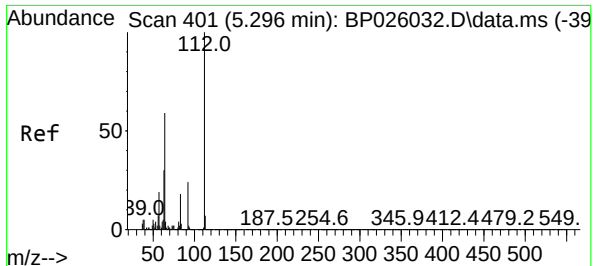
Tgt Ion: 79 Resp: 662225
Ion Ratio Lower Upper
79 100
52 75.6 60.2 90.2
51 36.7 29.5 44.3



#4
n-Nitrosodimethylamine
Concen: 47.880 ng
RT: 3.514 min Scan# 98
Delta R.T. -0.012 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion: 42 Resp: 304533
Ion Ratio Lower Upper
42 100
74 133.6 118.1 177.1
44 8.7 6.2 9.4

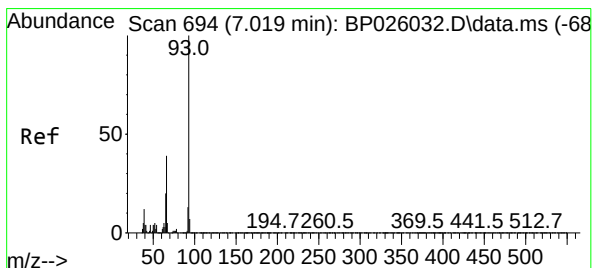
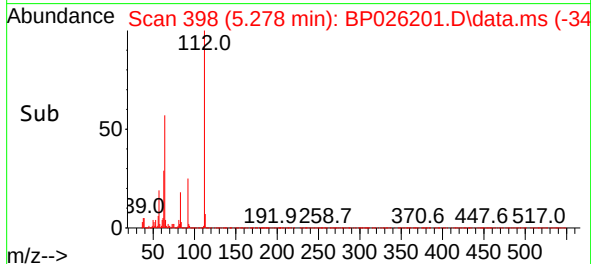
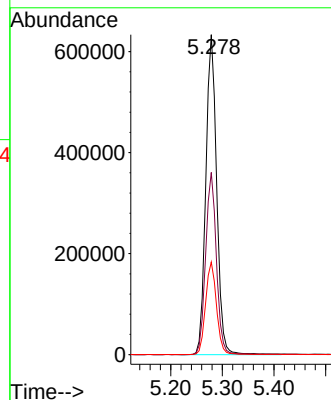
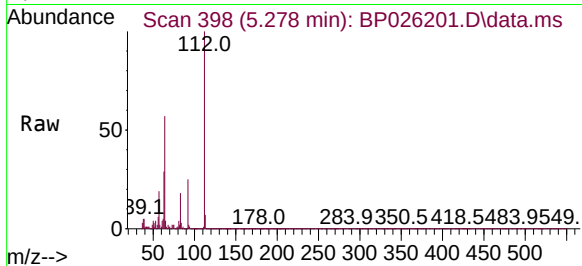




#5
2-Fluorophenol
Concen: 63.638 ng
RT: 5.278 min Scan# 39
Delta R.T. -0.011 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

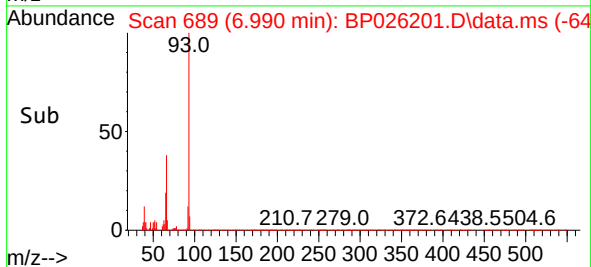
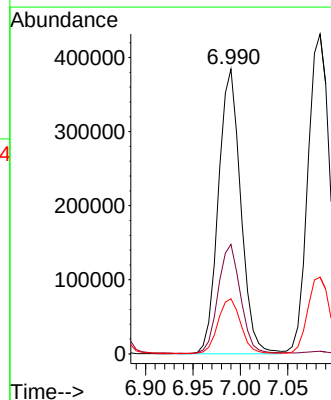
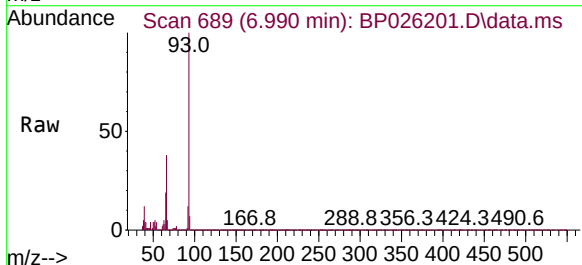
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SB-1125-15BMS

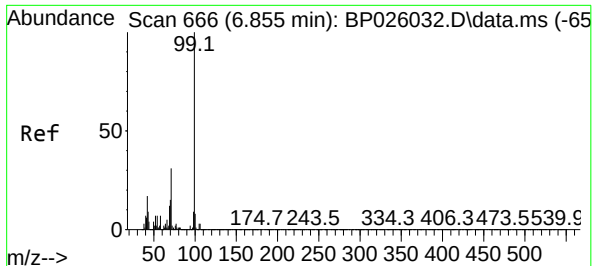
Tgt Ion:112 Resp: 923920
Ion Ratio Lower Upper
112 100
64 56.9 45.8 68.6
63 28.9 23.5 35.3



#6
Aniline
Concen: 25.816 ng
RT: 6.990 min Scan# 689
Delta R.T. -0.011 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

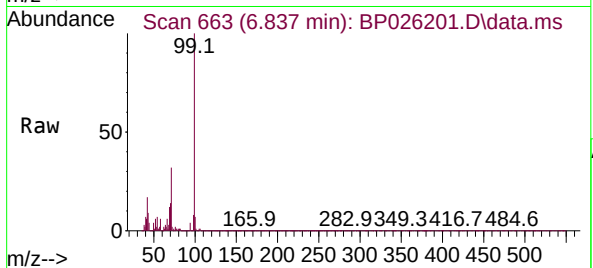
Tgt Ion: 93 Resp: 630018
Ion Ratio Lower Upper
93 100
66 38.5 31.7 47.5
65 19.3 15.8 23.6





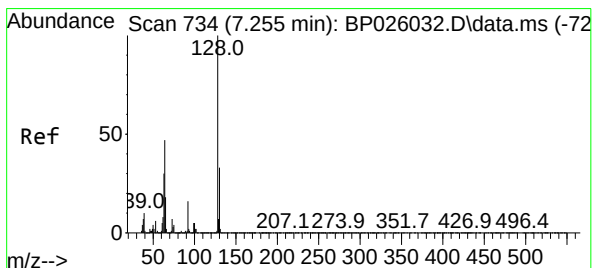
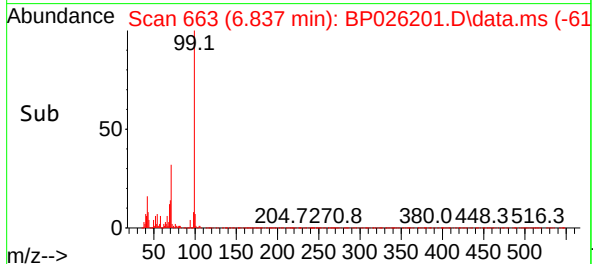
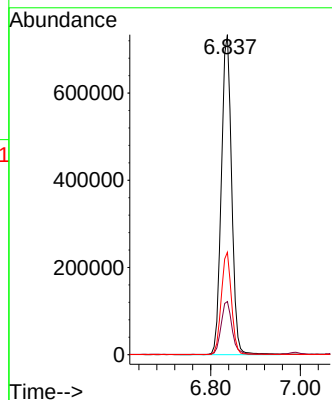
#7
Phenol-d6
Concen: 63.126 ng
RT: 6.837 min Scan# 61
Delta R.T. -0.017 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Instrument :
BNA_P
ClientSampleId :
SB-1125-15BMS



Tgt Ion: 99 Resp: 1166768

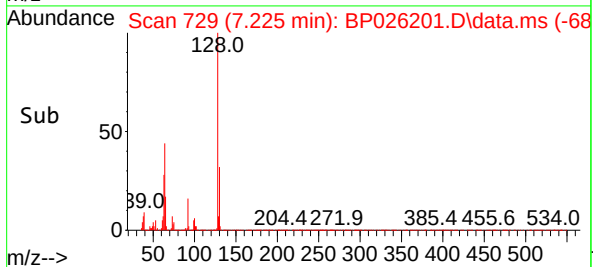
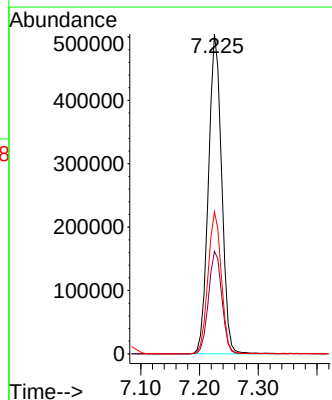
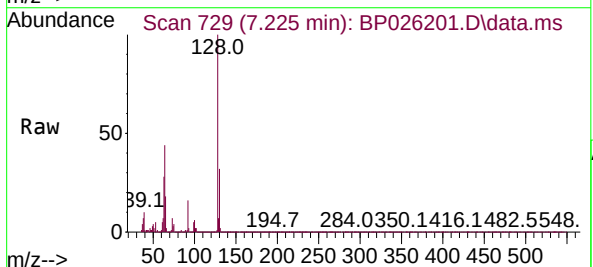
Ion	Ratio	Lower	Upper
99	100		
42	16.6	12.9	19.3
71	32.0	24.8	37.2

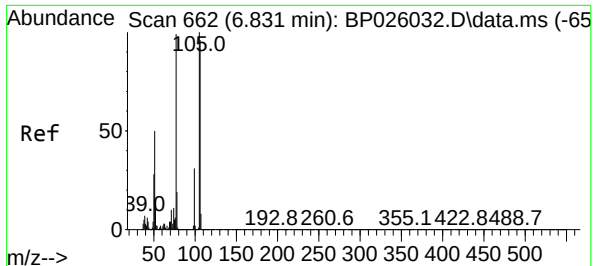


#8
2-Chlorophenol
Concen: 47.727 ng
RT: 7.225 min Scan# 729
Delta R.T. -0.017 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion: 128 Resp: 788736

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.4	52.4
64	44.4	23.9	63.9

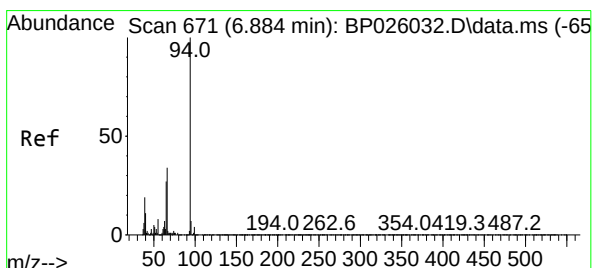
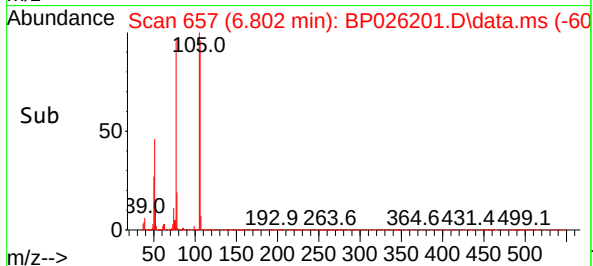
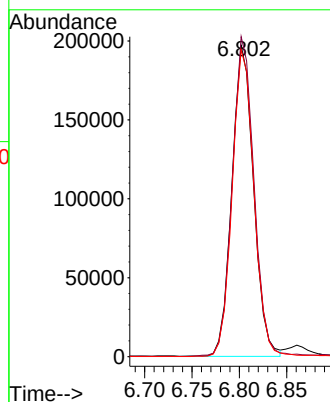
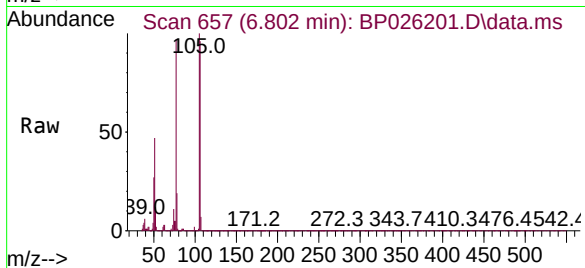




#9
Benzaldehyde
Concen: 32.457 ng
RT: 6.802 min Scan# 61
Delta R.T. -0.017 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

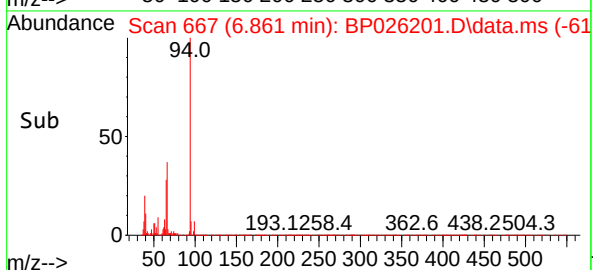
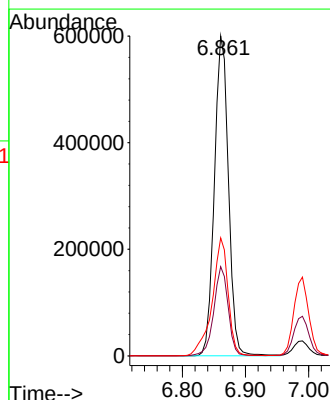
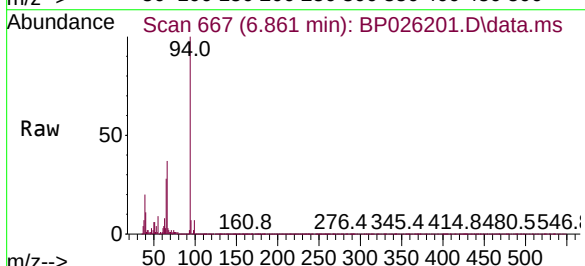
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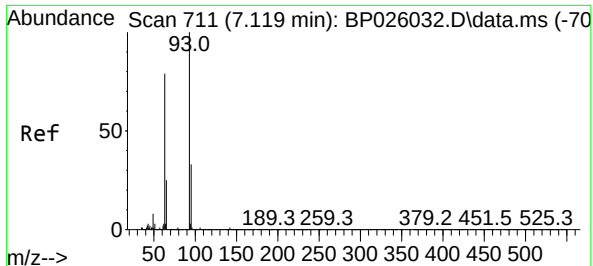
Tgt Ion: 77 Resp: 314375
Ion Ratio Lower Upper
77 100
105 102.8 82.9 122.9
106 98.6 77.8 117.8



#10
Phenol
Concen: 46.713 ng
RT: 6.861 min Scan# 667
Delta R.T. -0.017 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion: 94 Resp: 930117
Ion Ratio Lower Upper
94 100
65 27.9 7.0 47.0
66 36.9 14.5 54.5

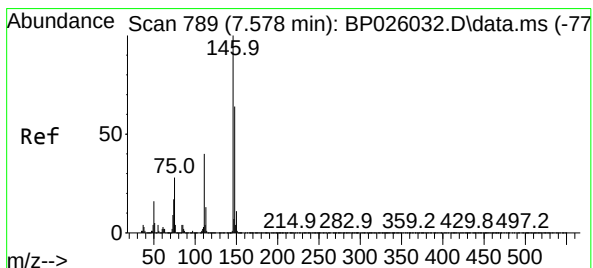
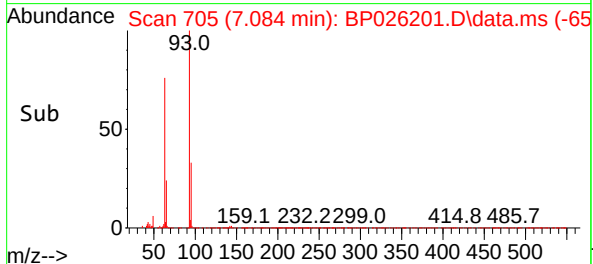
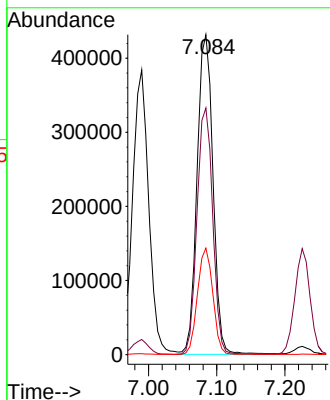
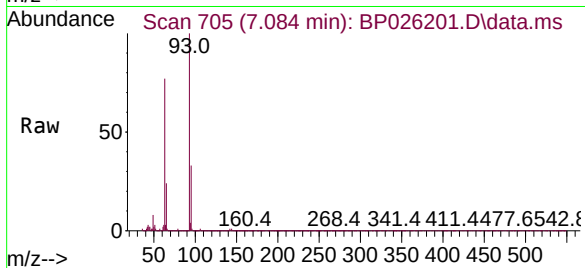




#11
bis(2-Chloroethyl)ether
Concen: 45.015 ng
RT: 7.084 min Scan# 70
Delta R.T. -0.011 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

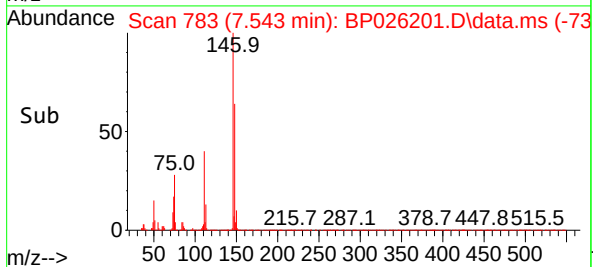
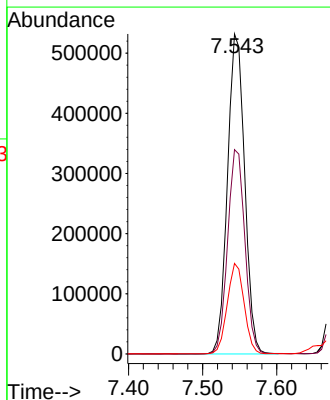
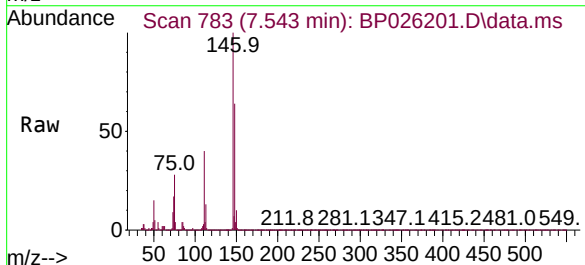
Instrument :
BNA_P
ClientSampleId :
SB-1125-15BMS

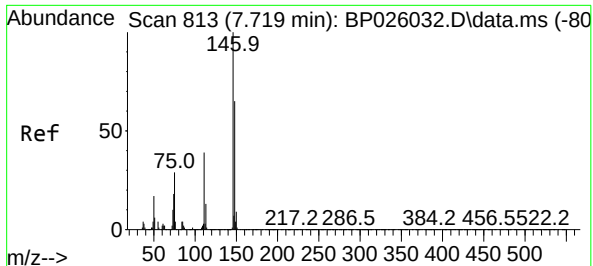
Tgt Ion: 93 Resp: 701792
Ion Ratio Lower Upper
93 100
63 77.1 58.8 98.8
95 33.3 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 48.060 ng
RT: 7.543 min Scan# 783
Delta R.T. -0.023 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion: 146 Resp: 855675
Ion Ratio Lower Upper
146 100
148 63.8 51.8 77.8
75 28.3 22.2 33.2





#13

1,4-Dichlorobenzene

Concen: 48.300 ng

RT: 7.690 min Scan# 80

Delta R.T. -0.011 min

Lab File: BP026201.D

Acq: 01 Dec 2025 17:51

Instrument :

BNA_P

ClientSampleId :

SB-1125-15BMS

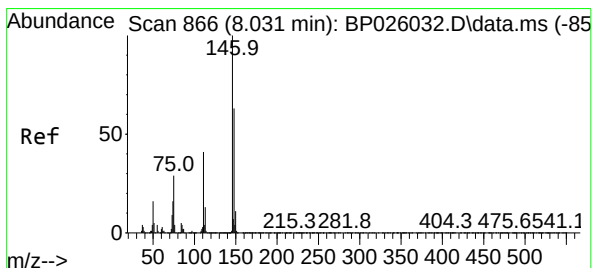
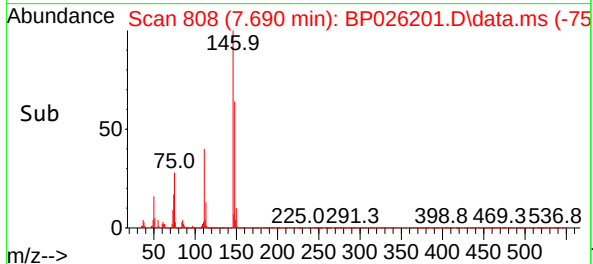
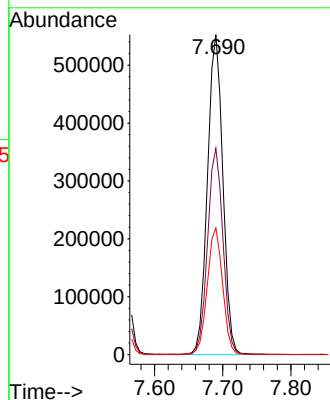
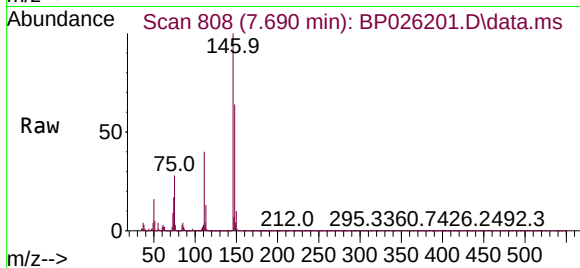
Tgt Ion:146 Resp: 866519

Ion Ratio Lower Upper

146 100

148 64.4 51.4 77.2

111 39.6 31.7 47.5



#14

1,2-Dichlorobenzene

Concen: 48.438 ng

RT: 8.002 min Scan# 861

Delta R.T. -0.011 min

Lab File: BP026201.D

Acq: 01 Dec 2025 17:51

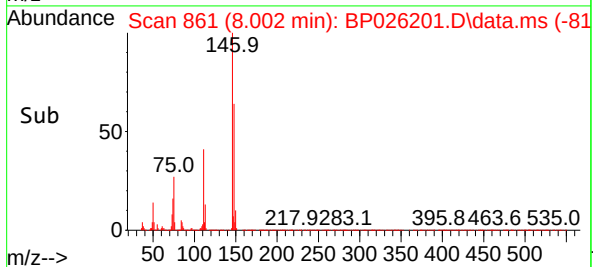
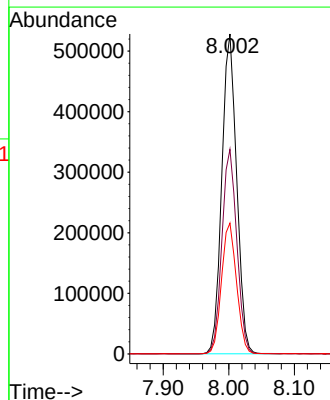
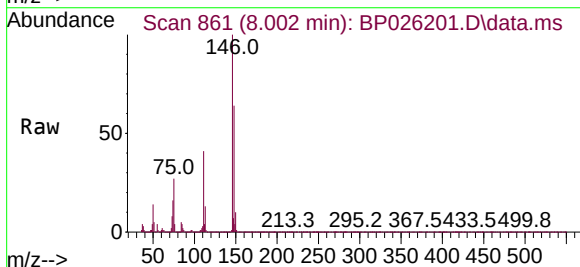
Tgt Ion:146 Resp: 834465

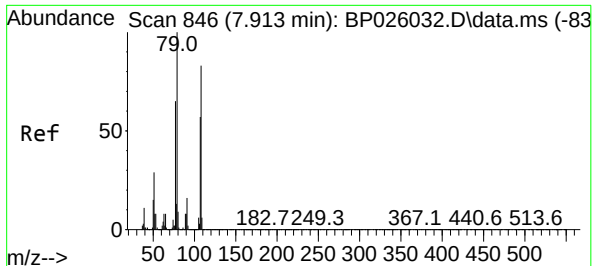
Ion Ratio Lower Upper

146 100

148 63.9 51.0 76.6

111 40.9 33.0 49.4

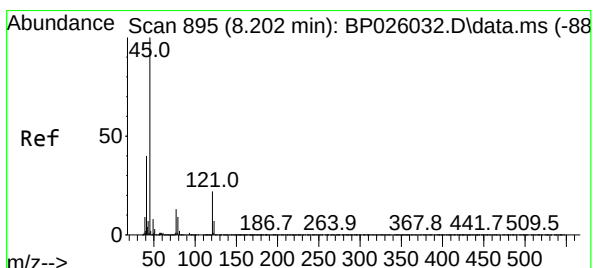
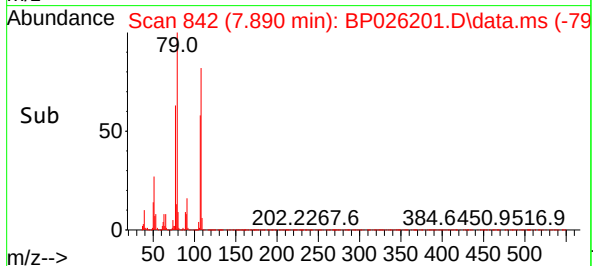
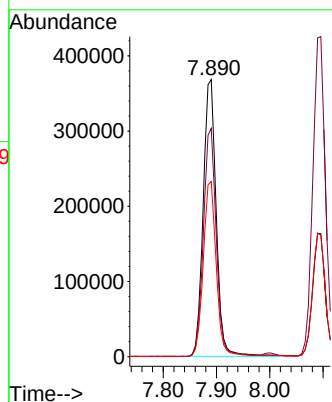
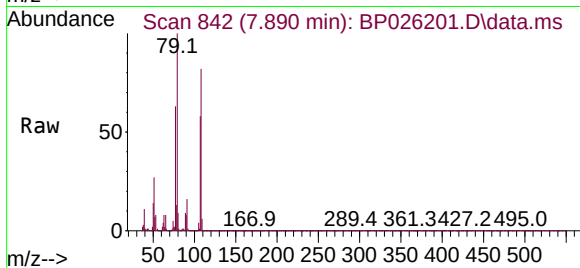




#15
Benzyl Alcohol
Concen: 46.131 ng
RT: 7.890 min Scan# 846
Delta R.T. -0.017 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

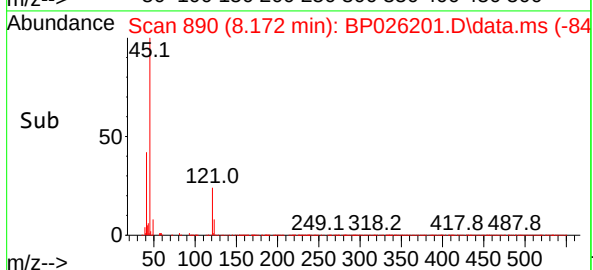
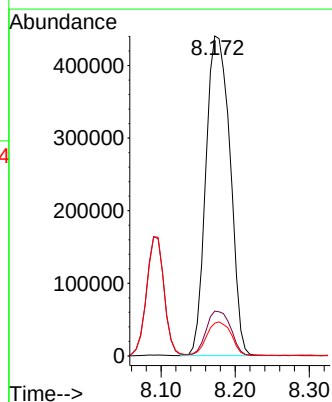
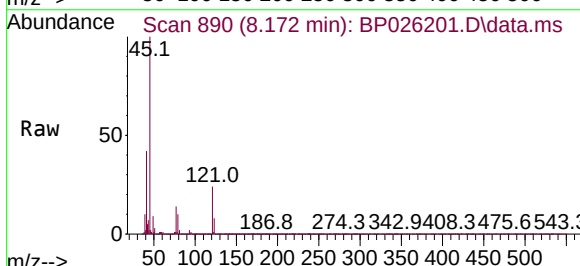
Instrument :
BNA_P
ClientSampleId :
SB-1125-15BMS

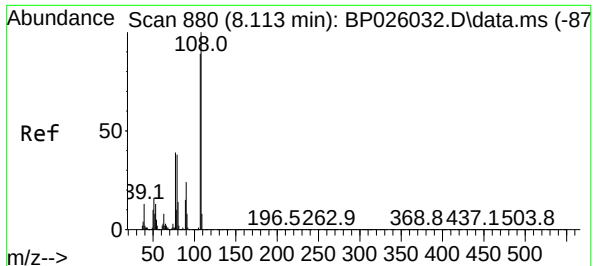
Tgt Ion: 79 Resp: 624651
Ion Ratio Lower Upper
79 100
108 82.4 66.2 99.4
77 63.2 50.0 75.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 45.585 ng
RT: 8.172 min Scan# 890
Delta R.T. -0.023 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion: 45 Resp: 998081
Ion Ratio Lower Upper
45 100
77 14.0 0.0 33.9
79 10.2 0.0 30.4

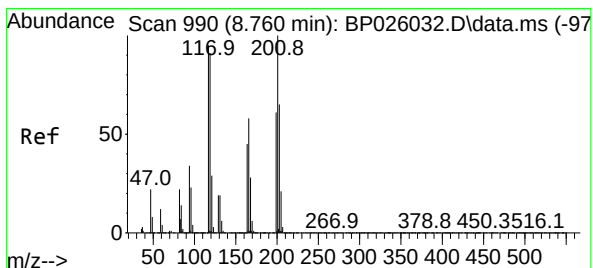
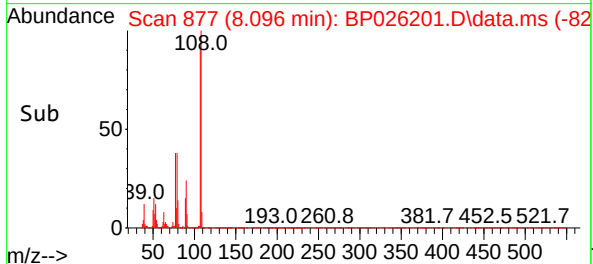
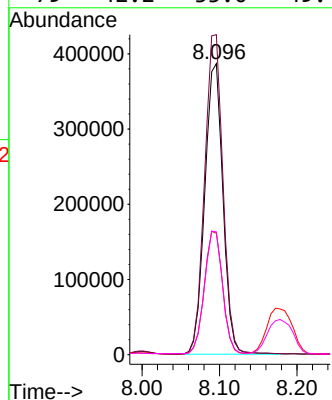
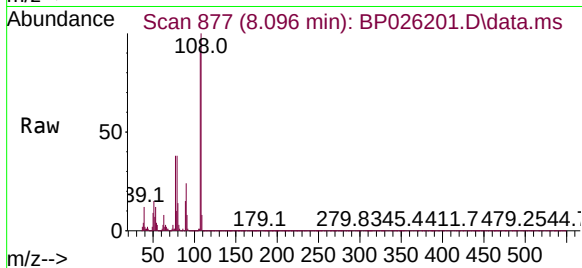




#17
2-Methylphenol
Concen: 46.424 ng
RT: 8.096 min Scan# 81
Delta R.T. -0.017 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

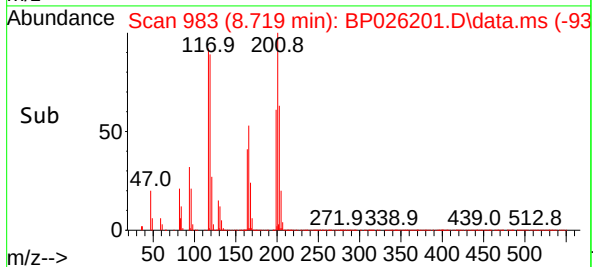
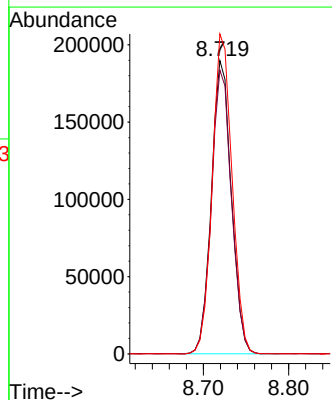
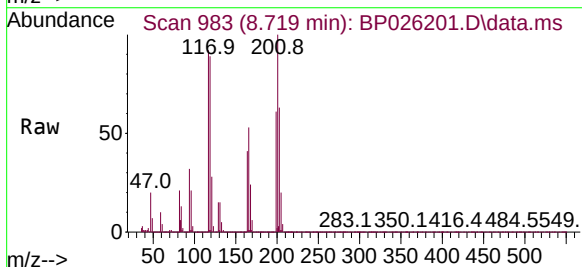
Instrument :
BNA_P
ClientSampleId :
SB-1125-15BMS

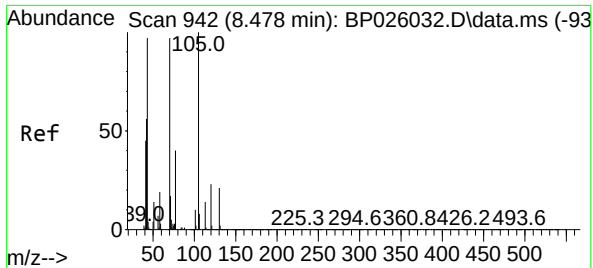
Tgt Ion:107 Resp: 629245
Ion Ratio Lower Upper
107 100
108 110.0 89.7 134.5
77 41.7 33.9 50.9
79 42.2 33.0 49.4



#18
Hexachloroethane
Concen: 47.346 ng
RT: 8.719 min Scan# 983
Delta R.T. -0.023 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion:117 Resp: 309058
Ion Ratio Lower Upper
117 100
119 96.7 78.7 118.1
201 109.1 85.1 127.7





#19

n-Nitroso-di-n-propylamine

Concen: 44.000 ng

RT: 8.449 min Scan# 931

Delta R.T. -0.023 min

Lab File: BP026201.D

Acq: 01 Dec 2025 17:51

Instrument :

BNA_P

ClientSampleId :

SB-1125-15BMS

Tgt Ion: 70 Resp: 505235

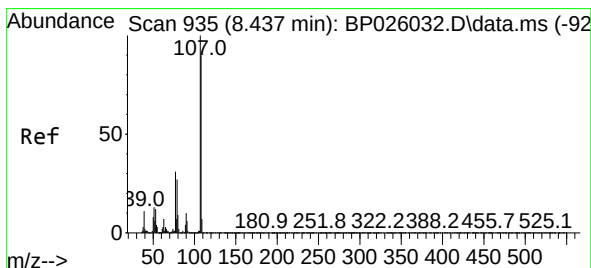
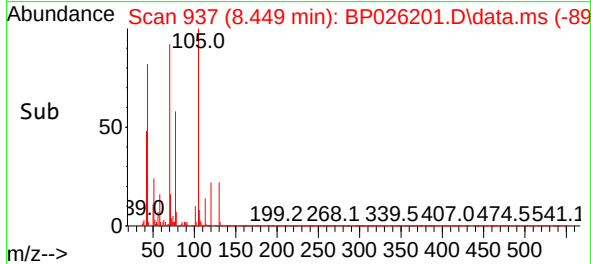
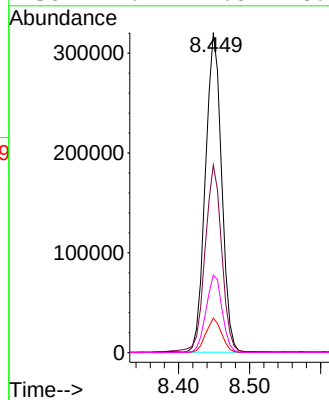
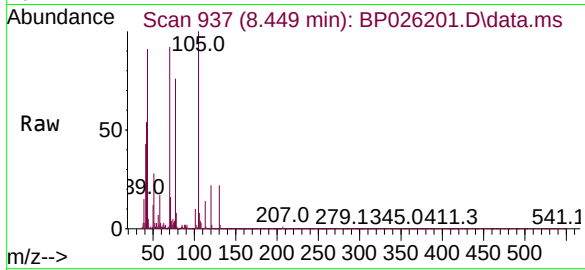
Ion Ratio Lower Upper

70 100

42 58.6 44.1 66.1

101 10.8 8.2 12.4

130 24.2 19.0 28.4



#20

3+4-Methylphenols

Concen: 45.454 ng

RT: 8.413 min Scan# 931

Delta R.T. -0.023 min

Lab File: BP026201.D

Acq: 01 Dec 2025 17:51

Tgt Ion: 107 Resp: 853730

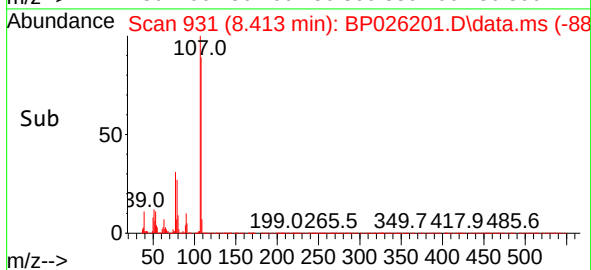
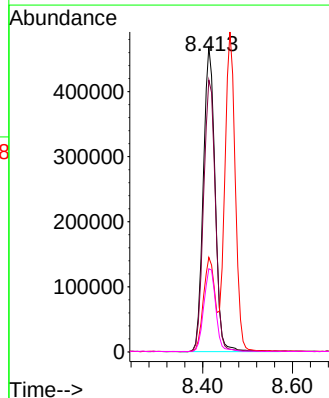
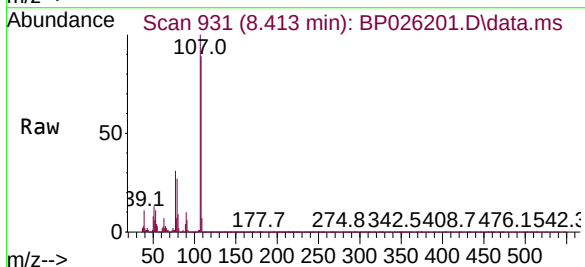
Ion Ratio Lower Upper

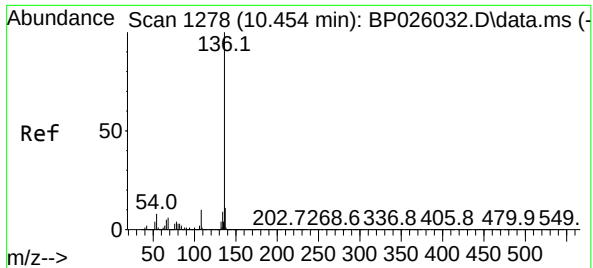
107 100

108 89.1 68.9 108.9

77 30.9 10.4 50.4

79 27.2 6.8 46.8

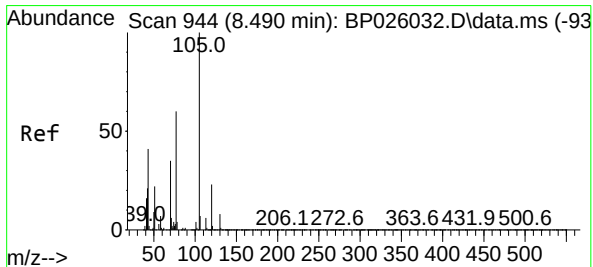
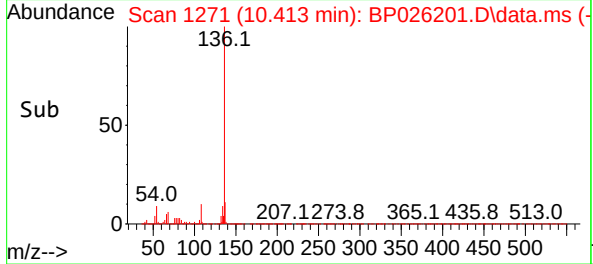
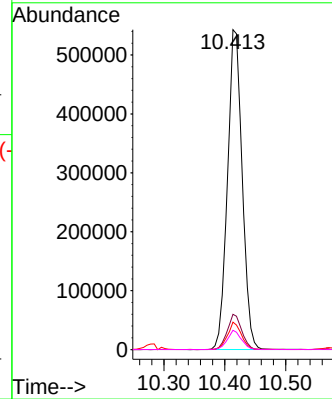
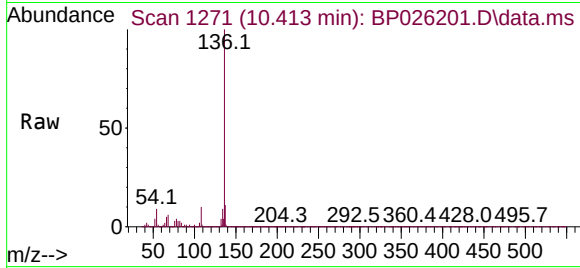




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.413 min Scan# 11
Delta R.T. -0.035 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

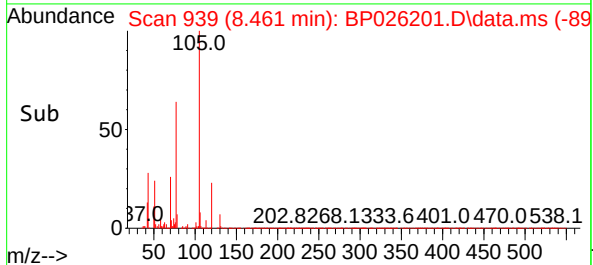
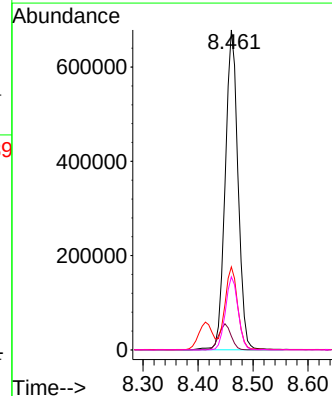
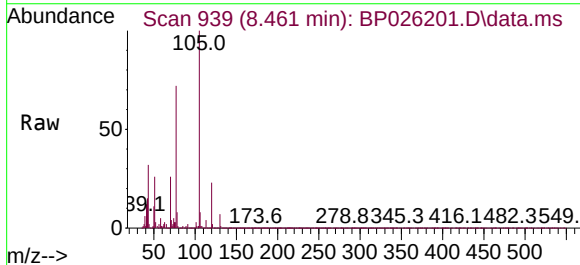
Instrument :
BNA_P
ClientSampleId :
SB-1125-15BMS

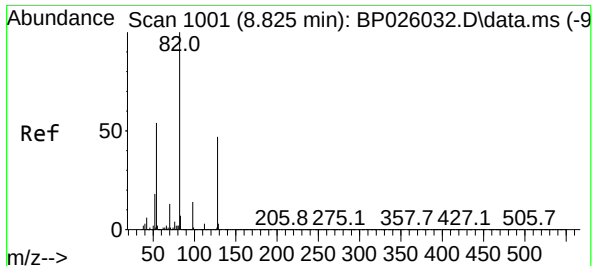
Tgt Ion:	136	Resp:	911777
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	8.6	6.4	9.6
68	6.0	4.9	7.3



#22
Acetophenone
Concen: 47.332 ng
RT: 8.461 min Scan# 939
Delta R.T. -0.023 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion:	105	Resp:	1096937
Ion	Ratio	Lower	Upper
105	100		
71	4.3	3.0	4.4
51	25.9	20.5	30.7
120	22.8	18.2	27.2





#23

Nitrobenzene-d5

Concen: 42.670 ng

RT: 8.790 min Scan# 99

Delta R.T. -0.023 min

Lab File: BP026201.D

Acq: 01 Dec 2025 17:51

Instrument :

BNA_P

ClientSampleId :

SB-1125-15BMS

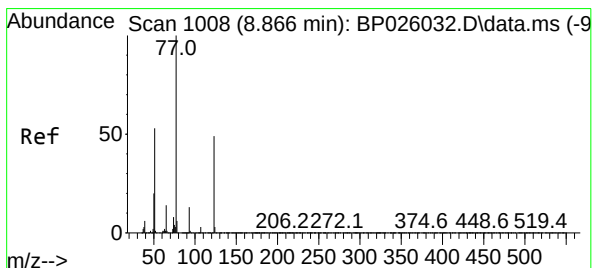
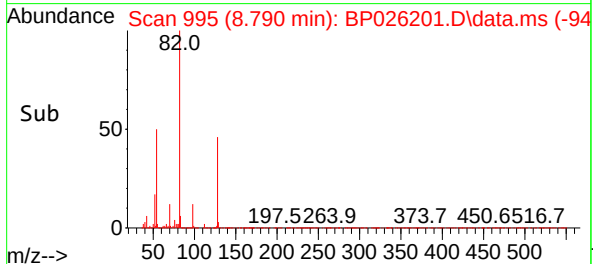
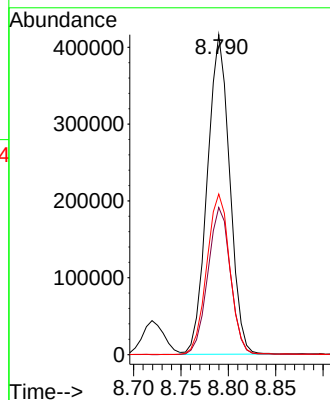
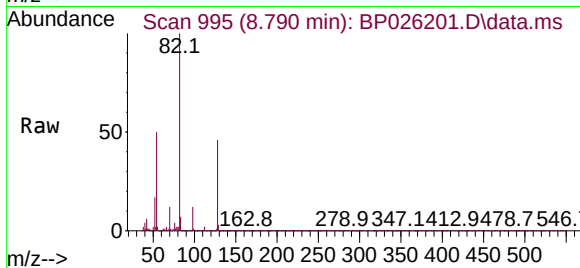
Tgt Ion: 82 Resp: 684932

Ion Ratio Lower Upper

82 100

128 46.0 37.4 56.0

54 50.2 41.6 62.4



#24

Nitrobenzene

Concen: 47.089 ng

RT: 8.831 min Scan# 1002

Delta R.T. -0.023 min

Lab File: BP026201.D

Acq: 01 Dec 2025 17:51

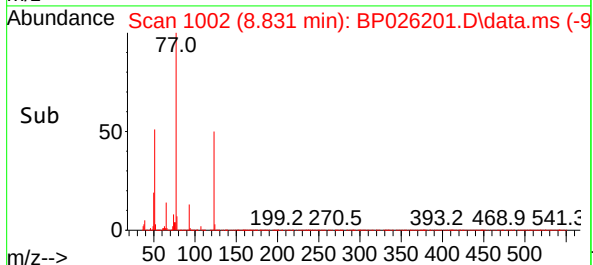
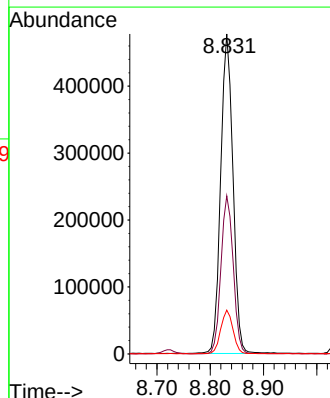
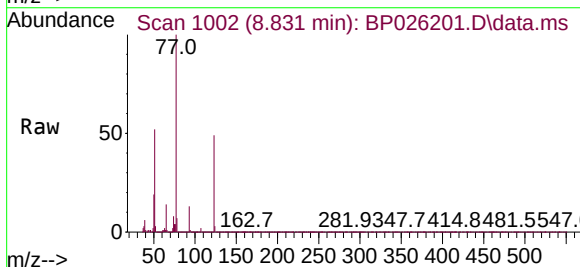
Tgt Ion: 77 Resp: 764580

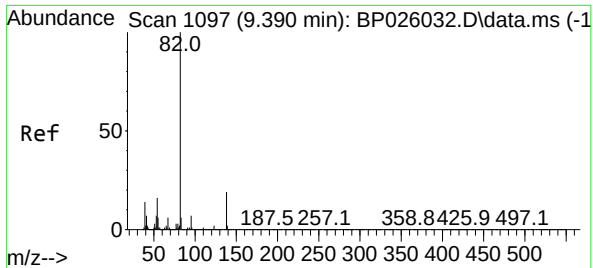
Ion Ratio Lower Upper

77 100

123 49.4 39.8 59.8

65 13.7 11.2 16.8

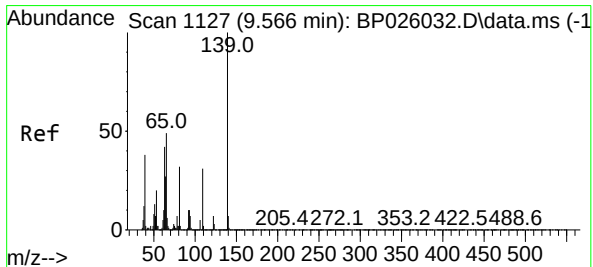
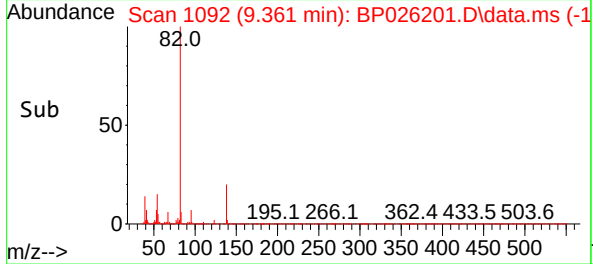
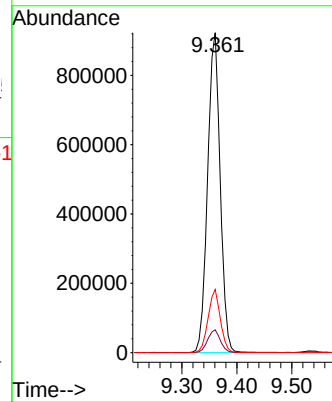
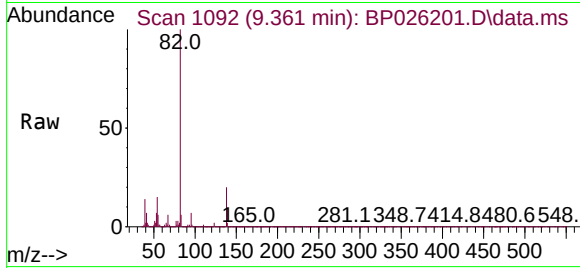




#25
Isophorone
Concen: 45.847 ng
RT: 9.361 min Scan# 1097
Delta R.T. -0.023 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

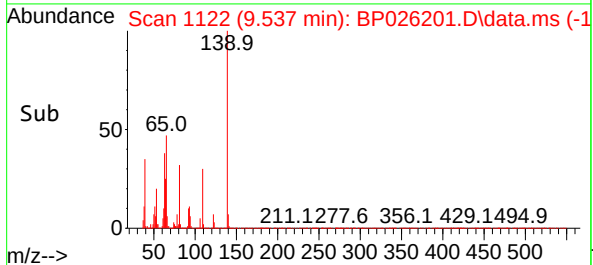
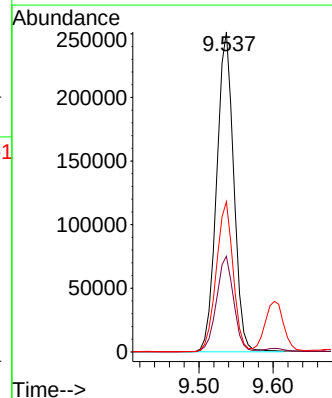
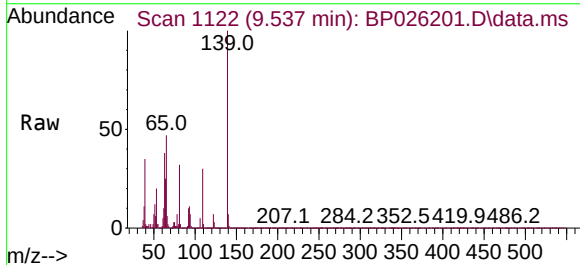
Instrument :
BNA_P
ClientSampleId :
SB-1125-15BMS

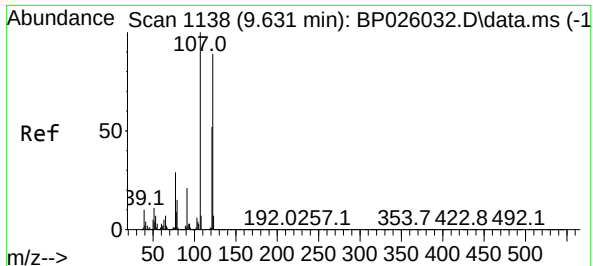
Tgt Ion: 82 Resp: 1458953
Ion Ratio Lower Upper
82 100
95 7.1 5.4 8.0
138 19.7 15.4 23.0



#26
2-Nitrophenol
Concen: 48.892 ng
RT: 9.537 min Scan# 1122
Delta R.T. -0.023 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion: 139 Resp: 401702
Ion Ratio Lower Upper
139 100
109 29.9 22.3 33.5
65 46.9 37.2 55.8

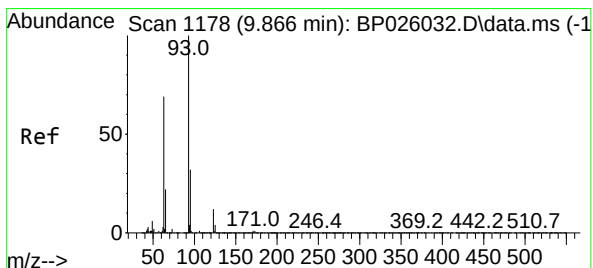
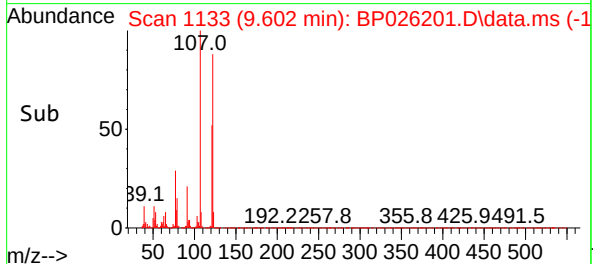
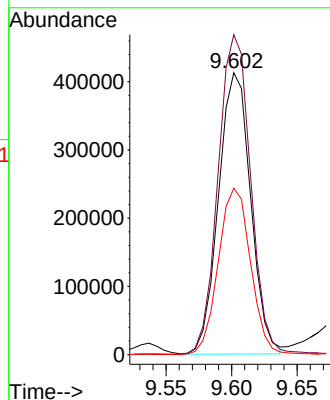
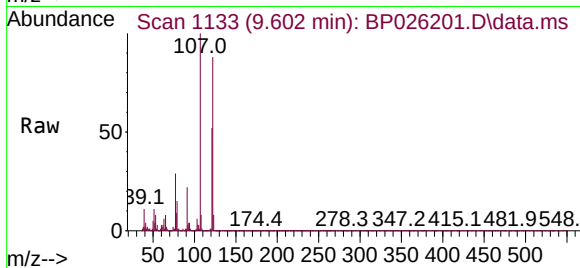




#27
2,4-Dimethylphenol
Concen: 47.516 ng
RT: 9.602 min Scan# 1133
Delta R.T. -0.023 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

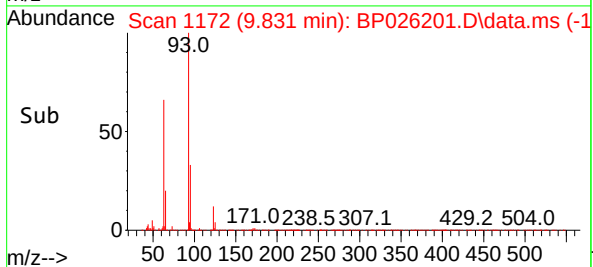
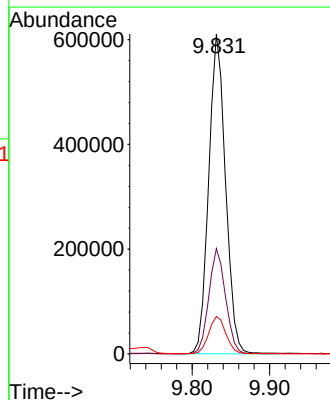
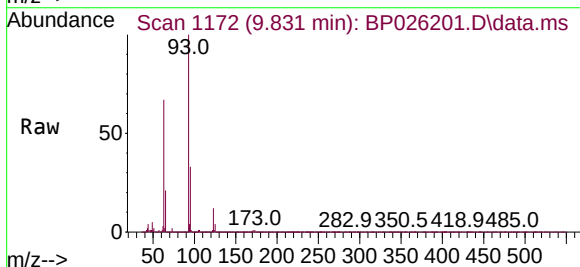
Instrument :
BNA_P
ClientSampleId :
SB-1125-15BMS

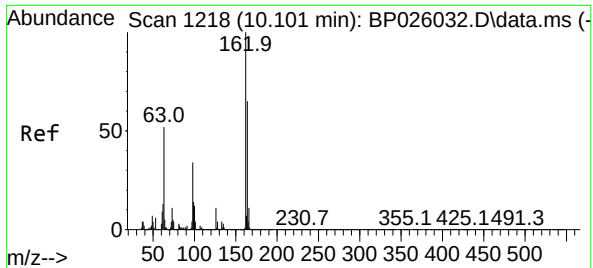
Tgt Ion:122 Resp: 703951
Ion Ratio Lower Upper
122 100
107 113.5 91.0 136.6
121 59.0 47.0 70.6



#28
bis(2-Chloroethoxy)methane
Concen: 46.269 ng
RT: 9.831 min Scan# 1172
Delta R.T. -0.029 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion: 93 Resp: 922117
Ion Ratio Lower Upper
93 100
95 32.9 26.4 39.6
123 11.7 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 49.541 ng

RT: 10.066 min Scan# 1218

Delta R.T. -0.029 min

Lab File: BP026201.D

Acq: 01 Dec 2025 17:51

Instrument :

BNA_P

ClientSampleId :

SB-1125-15BMS

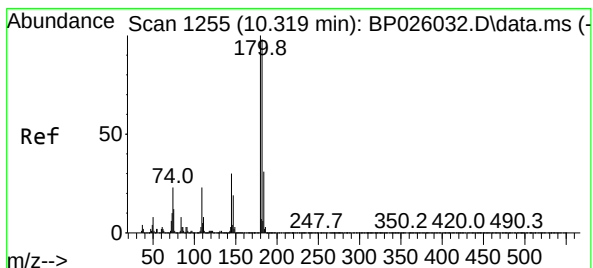
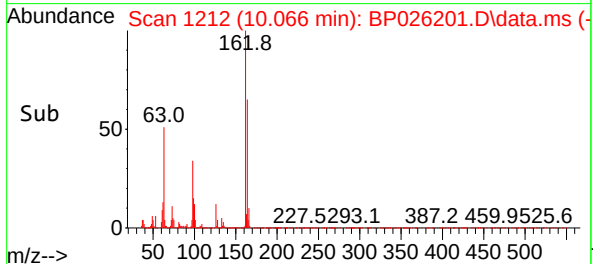
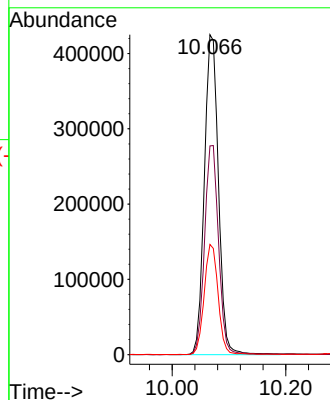
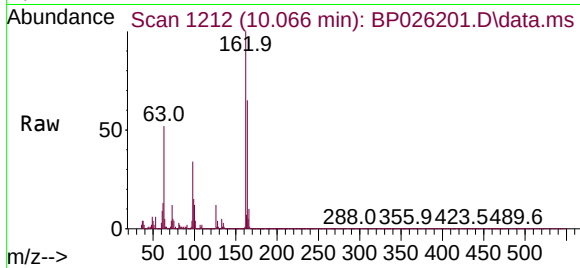
Tgt Ion:162 Resp: 733579

Ion Ratio Lower Upper

162 100

164 65.2 43.8 83.8

98 34.5 14.1 54.1



#30

1,2,4-Trichlorobenzene

Concen: 51.465 ng

RT: 10.284 min Scan# 1249

Delta R.T. -0.023 min

Lab File: BP026201.D

Acq: 01 Dec 2025 17:51

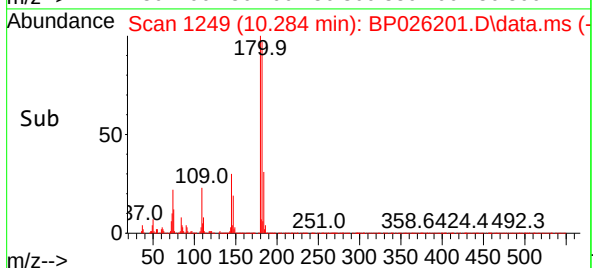
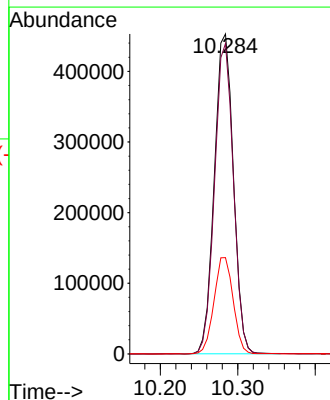
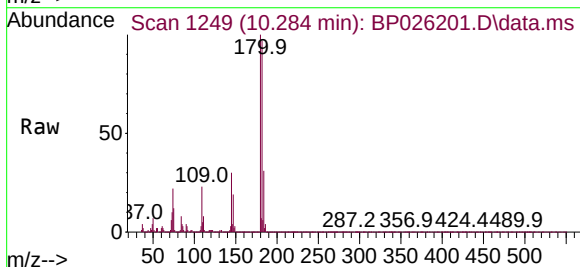
Tgt Ion:180 Resp: 776015

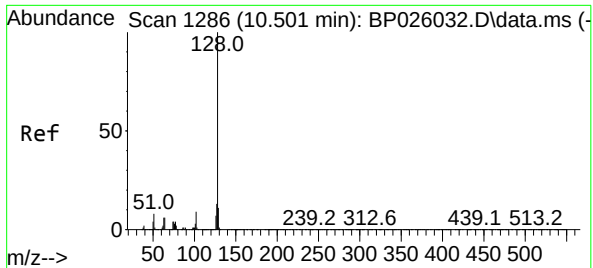
Ion Ratio Lower Upper

180 100

182 97.0 78.1 117.1

145 30.1 24.2 36.4

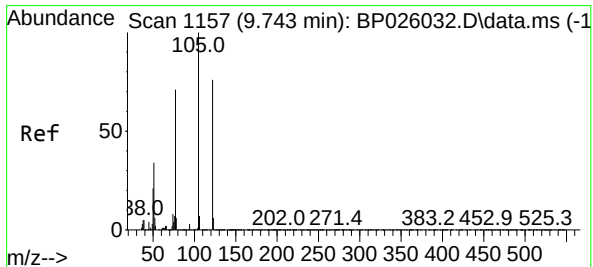
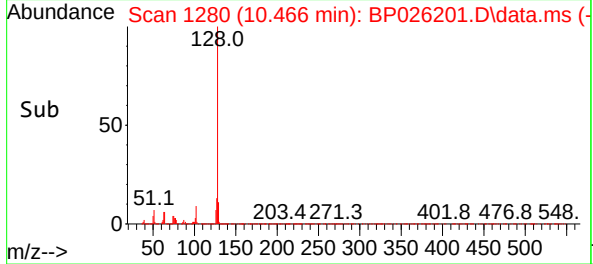
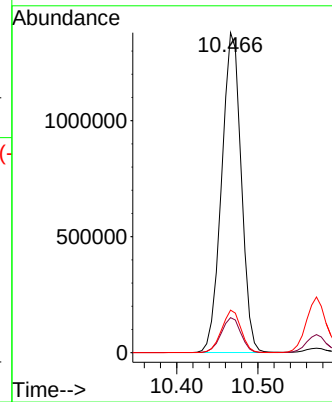
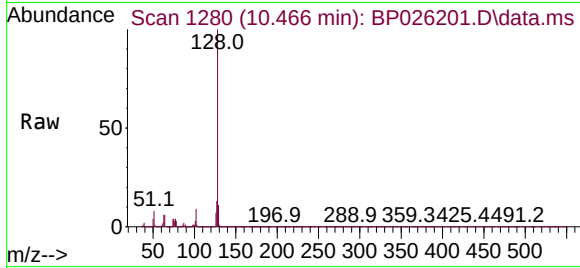




#31
Naphthalene
Concen: 46.902 ng
RT: 10.466 min Scan# 111
Delta R.T. -0.029 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

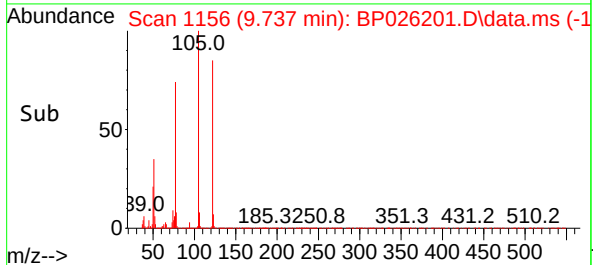
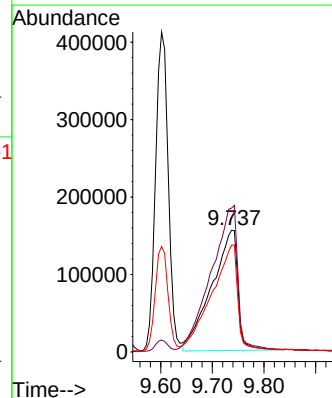
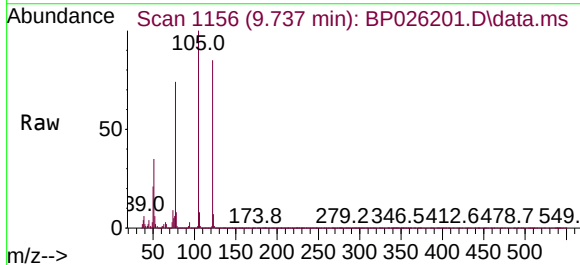
Instrument :
BNA_P
ClientSampleId :
SB-1125-15BMS

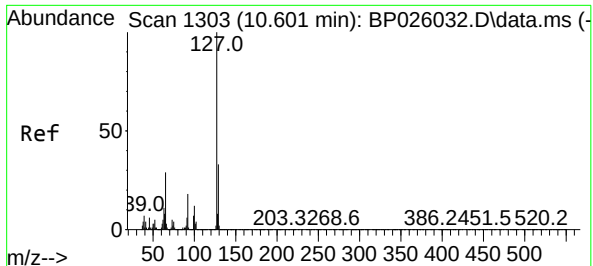
Tgt Ion:128 Resp: 2311162
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.3 10.2 15.4



#32
Benzoic acid
Concen: 44.231 ng
RT: 9.737 min Scan# 1156
Delta R.T. -0.029 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion:122 Resp: 551835
Ion Ratio Lower Upper
122 100
105 118.2 100.1 140.1
77 87.8 66.7 106.7

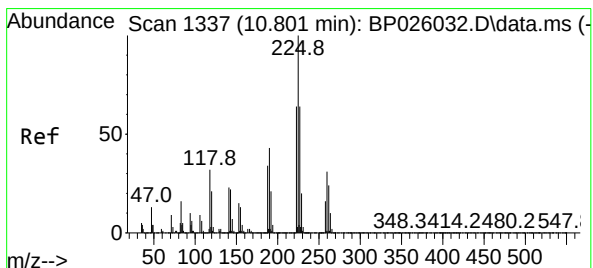
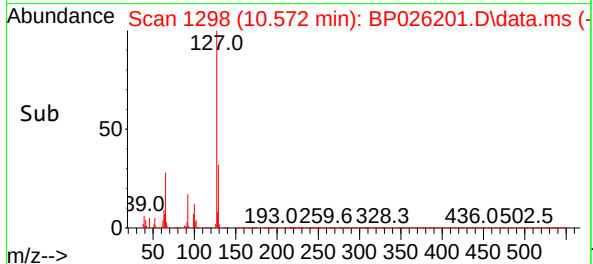
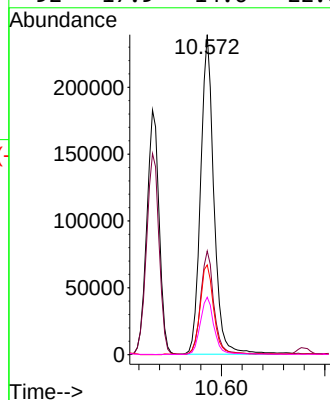
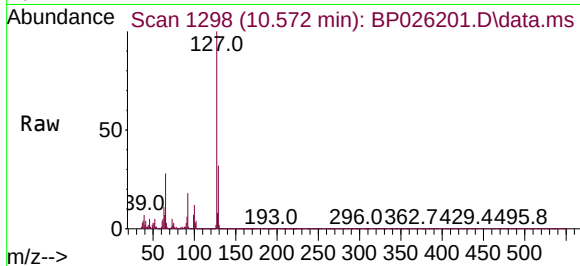




#33
4-Chloroaniline
Concen: 20.338 ng
RT: 10.572 min Scan# 1298
Delta R.T. -0.023 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

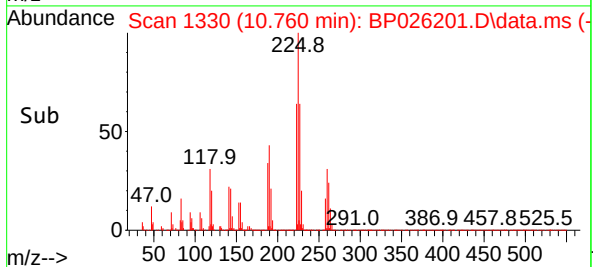
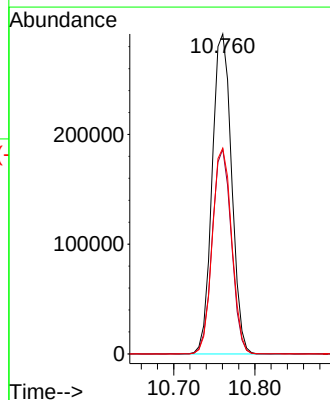
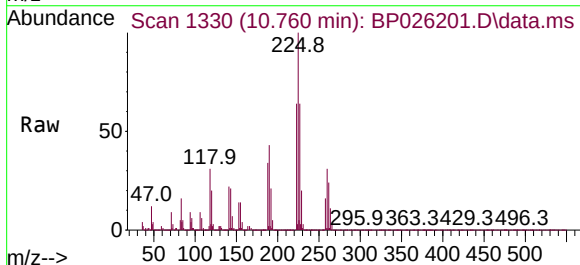
Instrument :
BNA_P
ClientSampleId :
SB-1125-15BMS

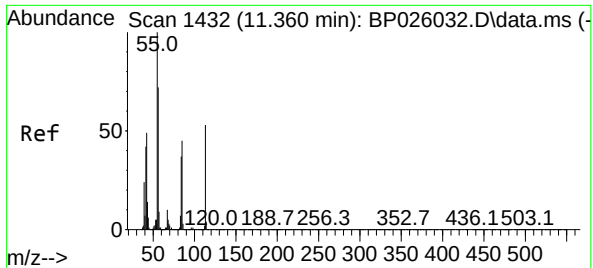
Tgt Ion:	127	Resp:	426200
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.8	38.8
65	28.0	22.7	34.1
92	17.9	14.6	22.0



#34
Hexachlorobutadiene
Concen: 49.402 ng
RT: 10.760 min Scan# 1330
Delta R.T. -0.035 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion:	225	Resp:	484470
Ion	Ratio	Lower	Upper
225	100		
223	64.0	49.6	74.4
227	64.3	51.2	76.8





#35

Caprolactam

Concen: 45.280 ng

RT: 11.355 min Scan# 1432

Delta R.T. -0.023 min

Lab File: BP026201.D

Acq: 01 Dec 2025 17:51

Instrument :

BNA_P

ClientSampleId :

SB-1125-15BMS

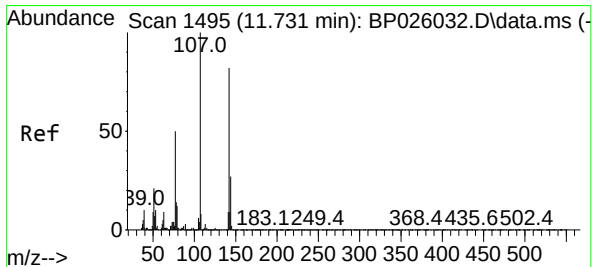
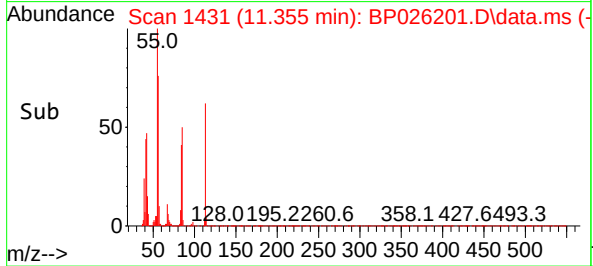
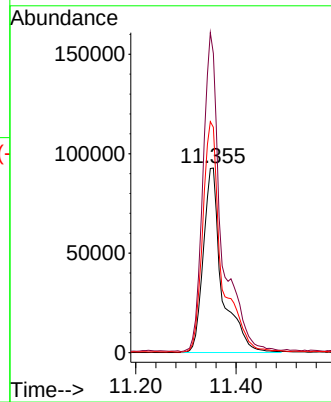
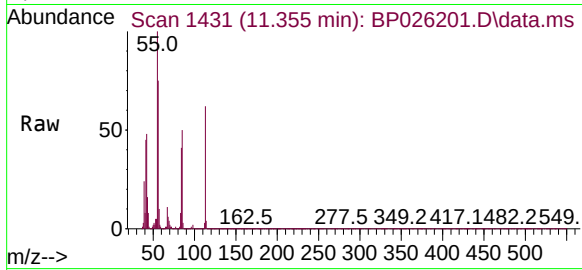
Tgt Ion:113 Resp: 240085

Ion Ratio Lower Upper

113 100

55 162.0 153.0 193.0

56 122.1 106.4 146.4



#36

4-Chloro-3-methylphenol

Concen: 48.452 ng

RT: 11.702 min Scan# 1490

Delta R.T. -0.029 min

Lab File: BP026201.D

Acq: 01 Dec 2025 17:51

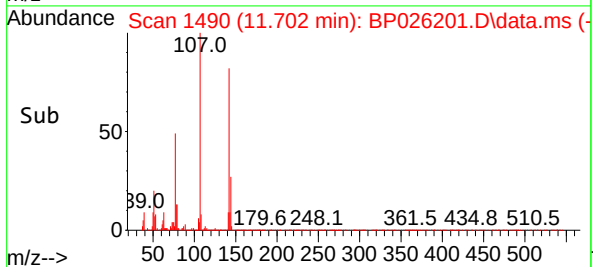
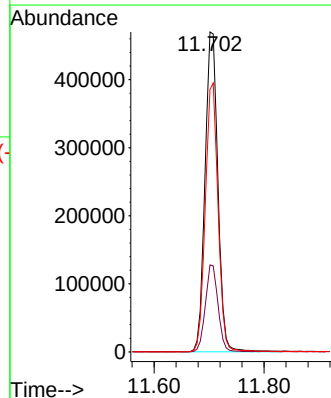
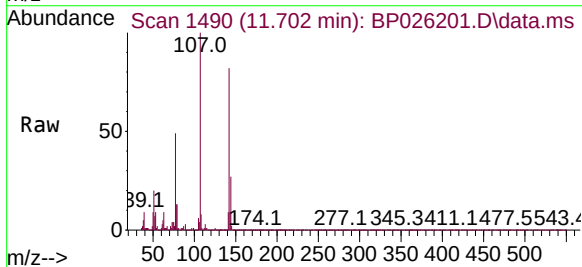
Tgt Ion:107 Resp: 762537

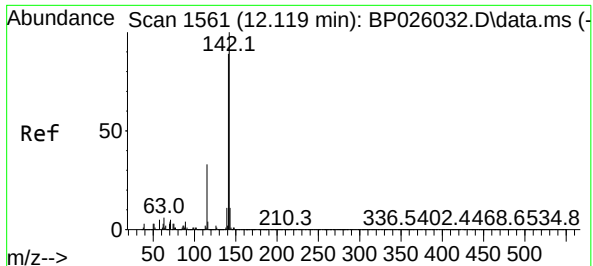
Ion Ratio Lower Upper

107 100

144 27.2 21.6 32.4

142 82.0 65.6 98.4

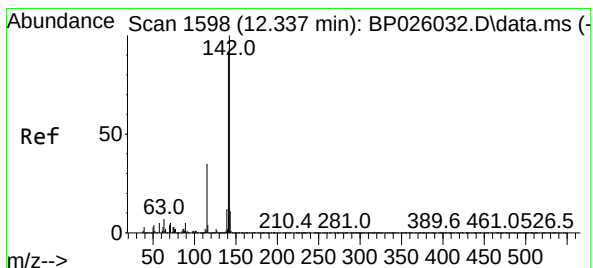
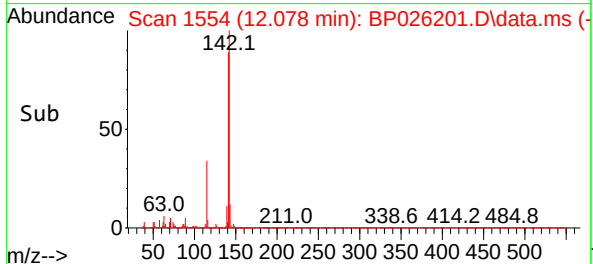
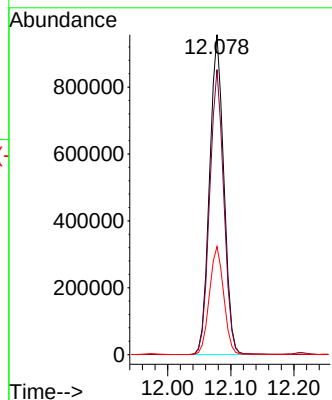
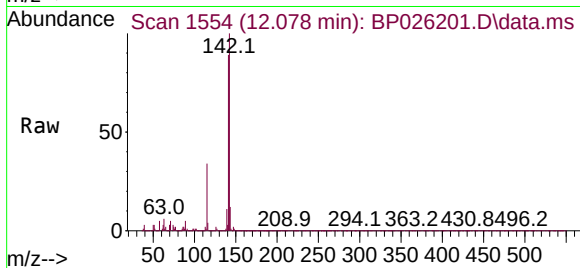




#37
2-Methylnaphthalene
Concen: 42.890 ng
RT: 12.078 min Scan# 1554
Delta R.T. -0.035 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

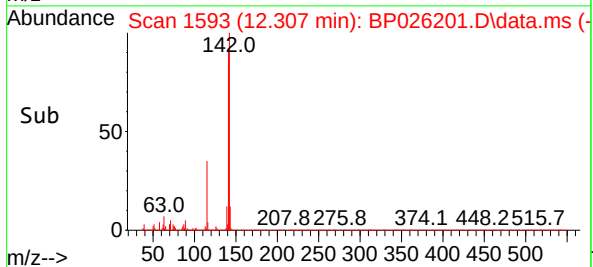
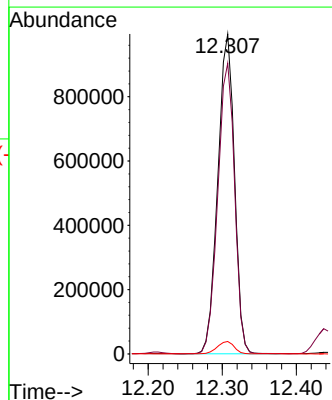
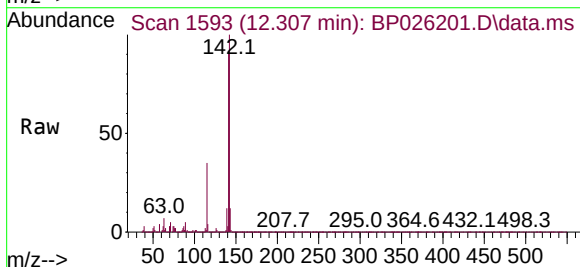
Instrument :
BNA_P
ClientSampleId :
SB-1125-15BMS

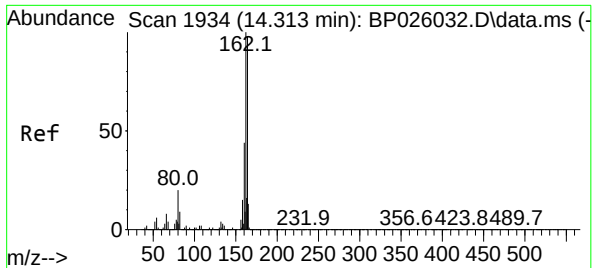
Tgt Ion:142 Resp: 1498324
Ion Ratio Lower Upper
142 100
141 89.1 71.0 106.6
115 33.8 26.6 39.8



#38
1-Methylnaphthalene
Concen: 45.453 ng
RT: 12.307 min Scan# 1593
Delta R.T. -0.023 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion:142 Resp: 1552007
Ion Ratio Lower Upper
142 100
141 90.8 73.5 110.3
116 3.9 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.290 min Scan# 1934

Delta R.T. -0.035 min

Lab File: BP026201.D

Acq: 01 Dec 2025 17:51

Instrument :

BNA_P

ClientSampleId :

SB-1125-15BMS

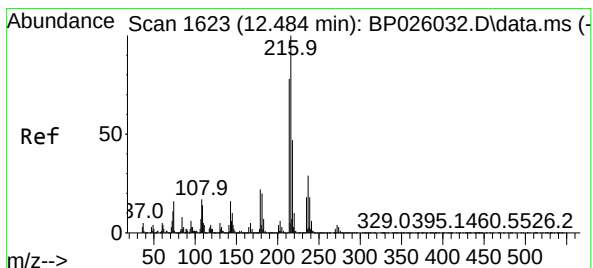
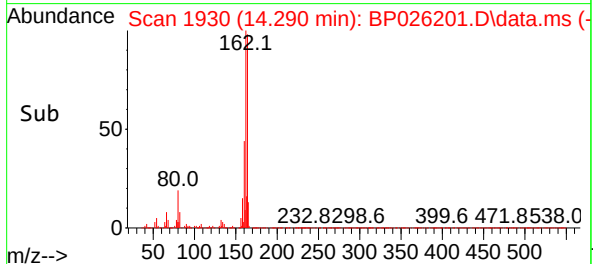
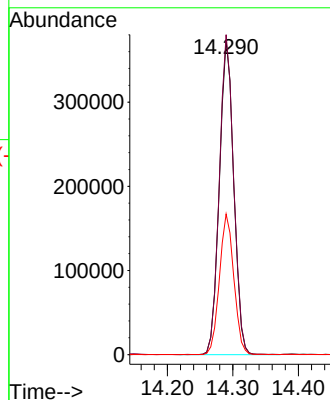
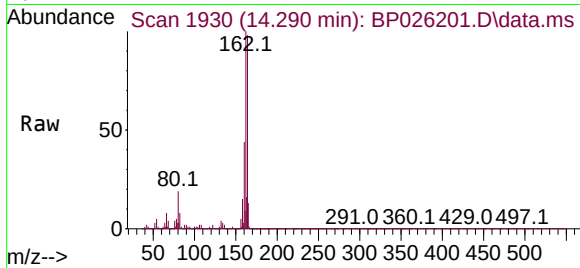
Tgt Ion:164 Resp: 569978

Ion Ratio Lower Upper

164 100

162 101.7 80.3 120.5

160 44.7 35.2 52.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.645 ng

RT: 12.454 min Scan# 1618

Delta R.T. -0.035 min

Lab File: BP026201.D

Acq: 01 Dec 2025 17:51

Tgt Ion:216 Resp: 872851

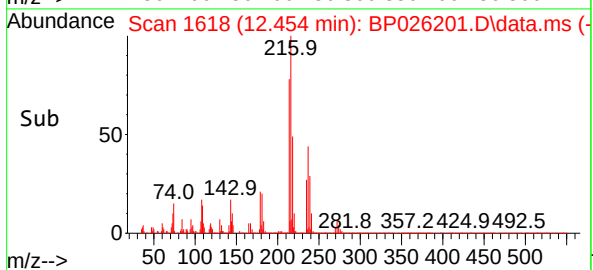
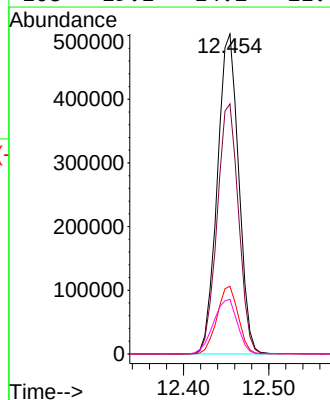
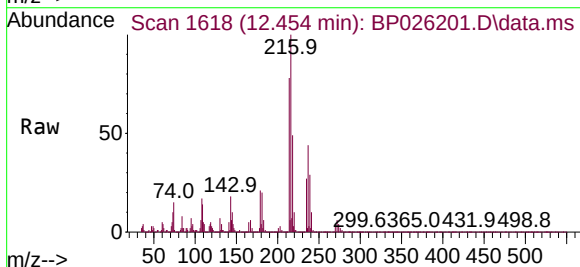
Ion Ratio Lower Upper

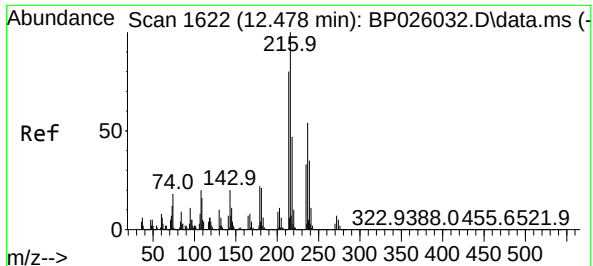
216 100

214 78.5 62.6 94.0

179 21.1 16.6 25.0

108 19.1 14.2 21.4

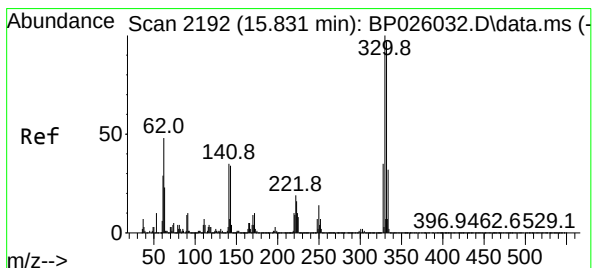
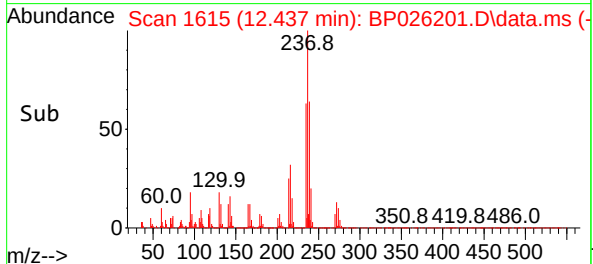
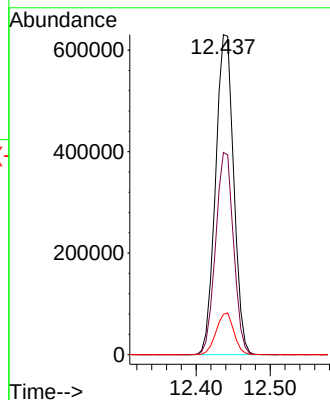
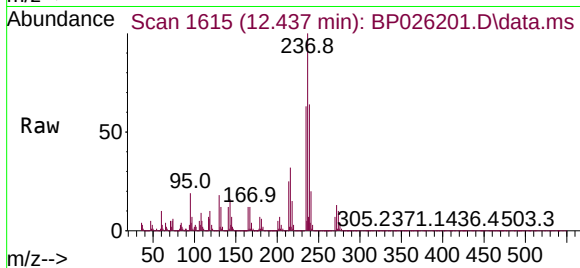




#41
Hexachlorocyclopentadiene
Concen: 95.026 ng
RT: 12.437 min Scan# 10
Delta R.T. -0.035 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

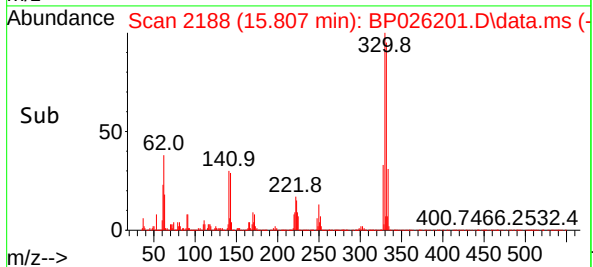
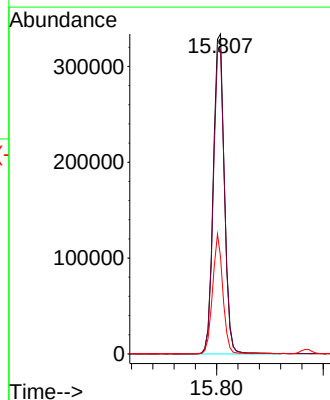
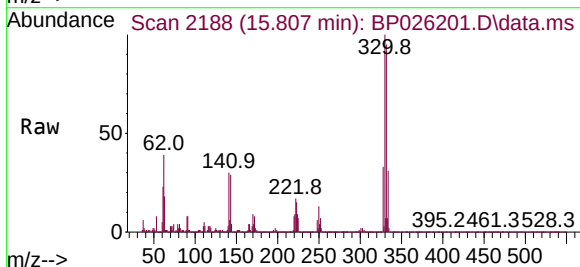
Instrument :
BNA_P
ClientSampleId :
SB-1125-15BMS

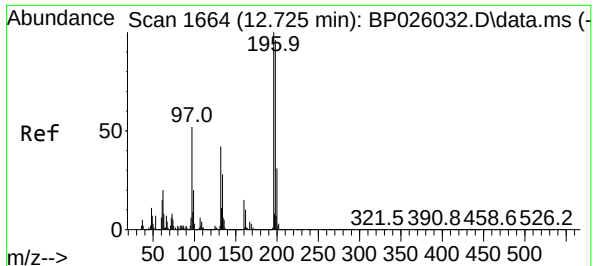
Tgt Ion:237 Resp: 1071835
Ion Ratio Lower Upper
237 100
235 63.2 43.3 83.3
272 12.6 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 65.112 ng
RT: 15.807 min Scan# 2188
Delta R.T. -0.029 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion:330 Resp: 481439
Ion Ratio Lower Upper
330 100
332 96.3 78.0 117.0
141 34.5 26.8 40.2

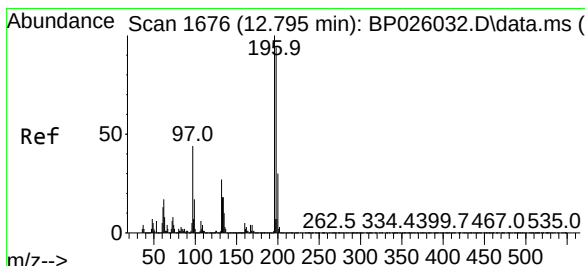
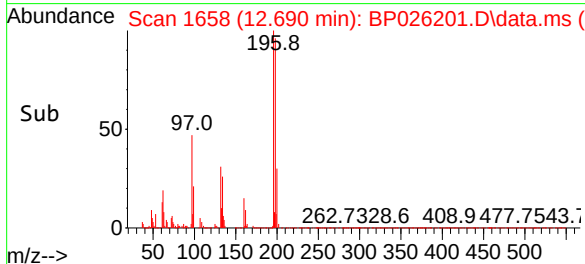
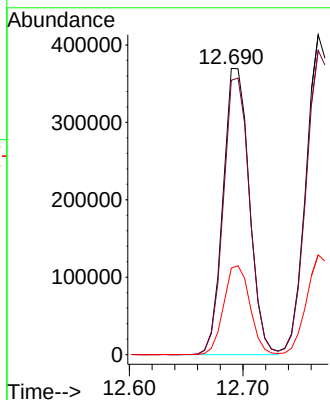
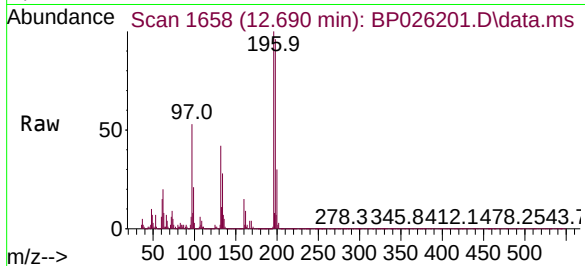




#43
2,4,6-Trichlorophenol
Concen: 50.327 ng
RT: 12.690 min Scan# 1658
Delta R.T. -0.035 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

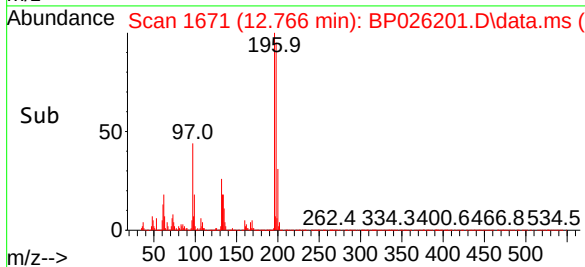
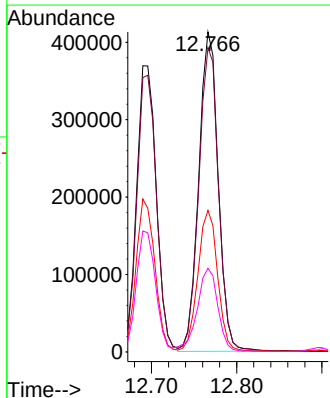
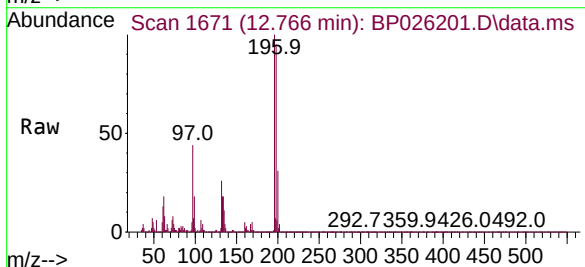
Instrument :
BNA_P
ClientSampleId :
SB-1125-15BMS

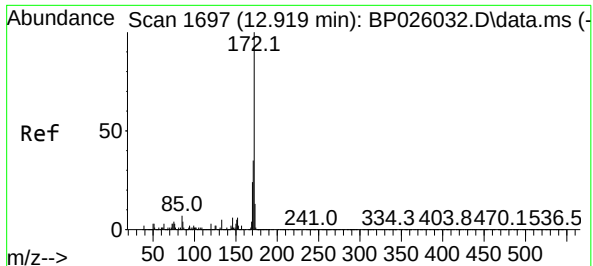
Tgt Ion:196 Resp: 594644
Ion Ratio Lower Upper
196 100
198 95.8 76.9 115.3
200 30.2 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 49.761 ng
RT: 12.766 min Scan# 1671
Delta R.T. -0.035 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion:196 Resp: 656295
Ion Ratio Lower Upper
196 100
198 95.1 76.4 114.6
97 44.2 35.7 53.5
132 26.1 20.8 31.2

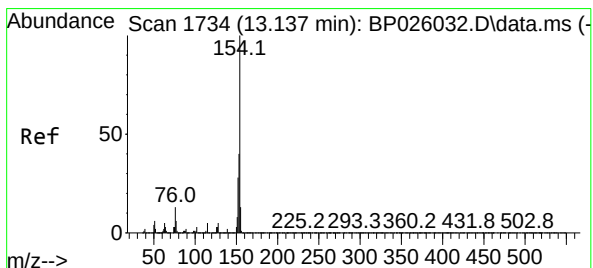
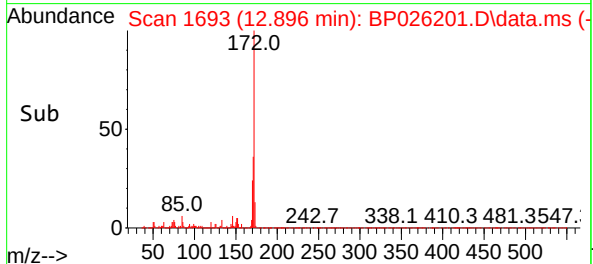
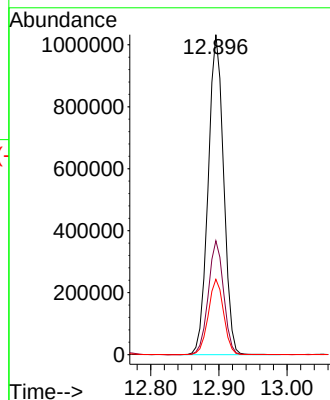
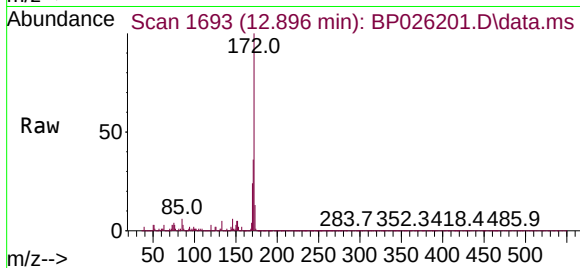




#45
2-Fluorobiphenyl
Concen: 41.820 ng
RT: 12.896 min Scan# 1697
Delta R.T. -0.035 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

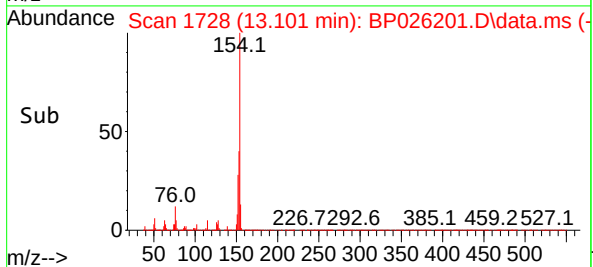
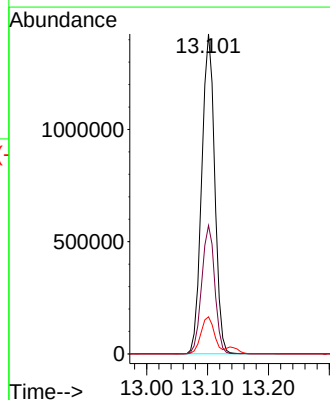
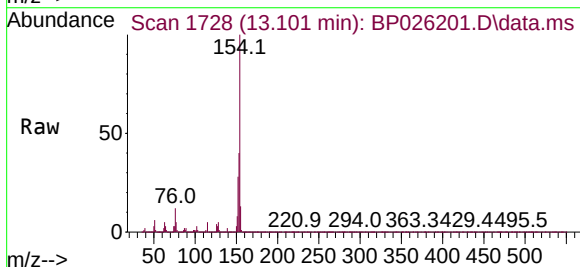
Instrument :
BNA_P
ClientSampleId :
SB-1125-15BMS

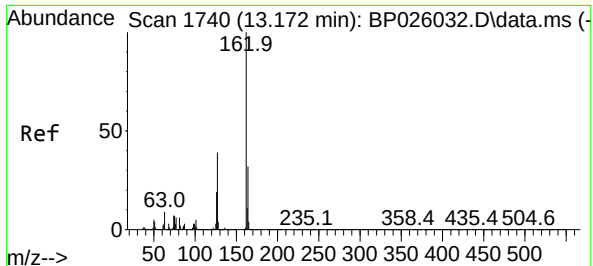
Tgt Ion:172 Resp: 1626385
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.4
170 23.5 18.7 28.1



#46
1,1'-Biphenyl
Concen: 49.193 ng
RT: 13.101 min Scan# 1728
Delta R.T. -0.035 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion:154 Resp: 2111302
Ion Ratio Lower Upper
154 100
153 40.1 20.3 60.3
76 11.6 0.0 32.3

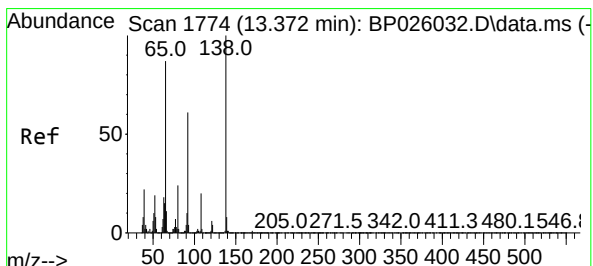
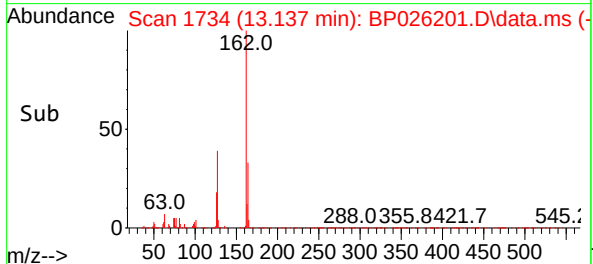
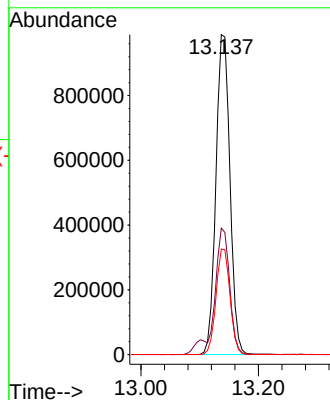
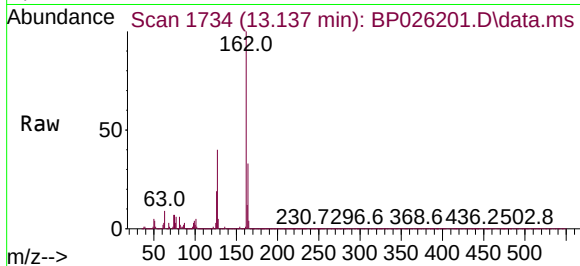




#47
2-Chloronaphthalene
Concen: 48.516 ng
RT: 13.137 min Scan# 1713
Delta R.T. -0.047 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

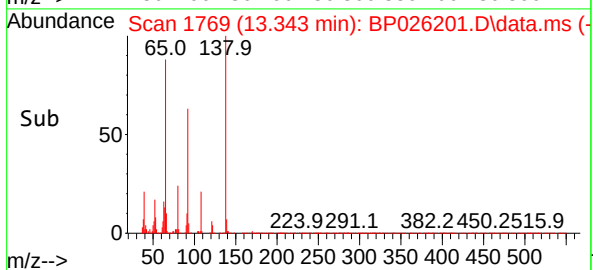
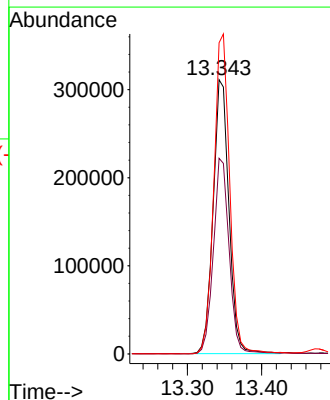
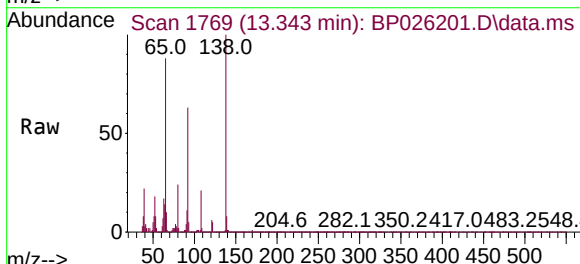
Instrument :
BNA_P
ClientSampleId :
SB-1125-15BMS

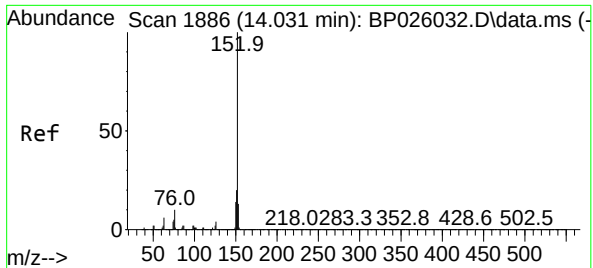
Tgt Ion:162 Resp: 1637408
Ion Ratio Lower Upper
162 100
127 39.5 30.9 46.3
164 33.0 26.4 39.6



#48
2-Nitroaniline
Concen: 49.187 ng
RT: 13.343 min Scan# 1769
Delta R.T. -0.035 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion: 65 Resp: 461630
Ion Ratio Lower Upper
65 100
92 71.3 59.1 88.7
138 113.5 96.6 145.0

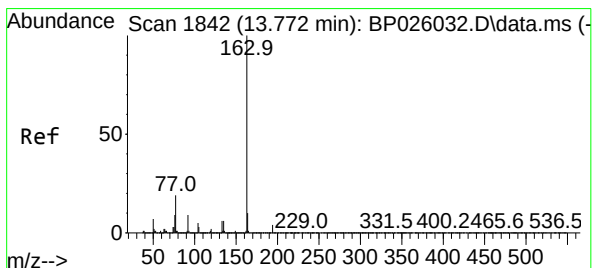
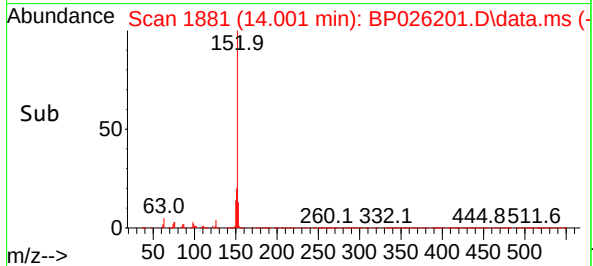
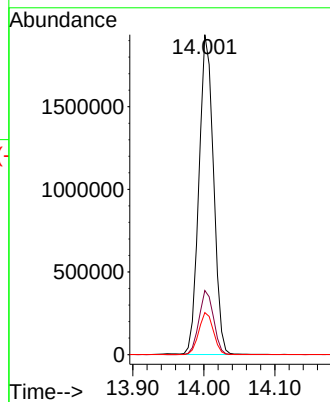
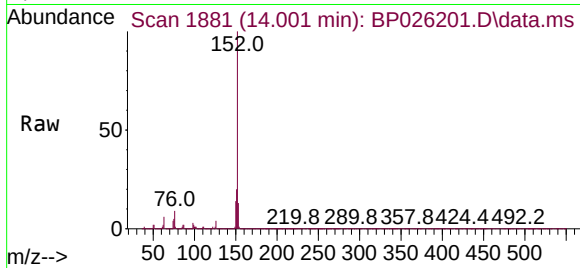




#49
Acenaphthylene
Concen: 49.204 ng
RT: 14.001 min Scan# 1881
Delta R.T. -0.035 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

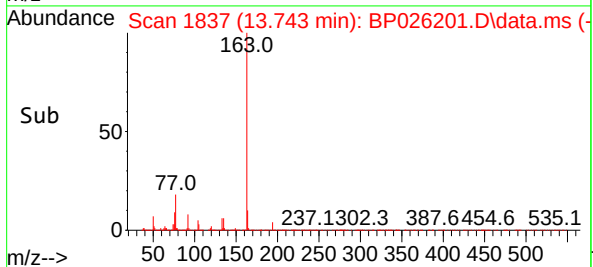
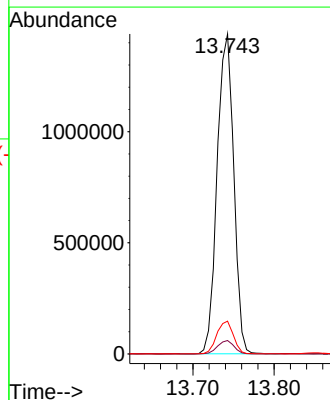
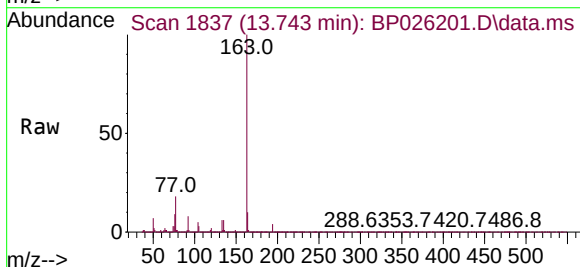
Instrument :
BNA_P
ClientSampleId :
SB-1125-15BMS

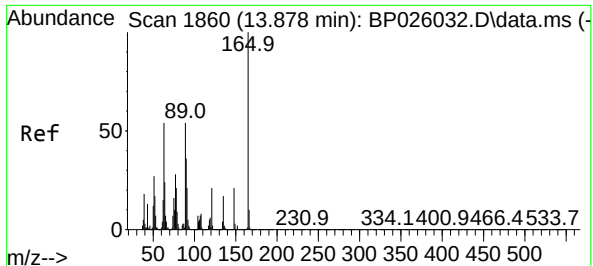
Tgt Ion:152 Resp: 2739172
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.8
153 13.1 10.6 16.0



#50
Dimethylphthalate
Concen: 48.002 ng
RT: 13.743 min Scan# 1837
Delta R.T. -0.029 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion:163 Resp: 2043526
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.2 8.2 12.2

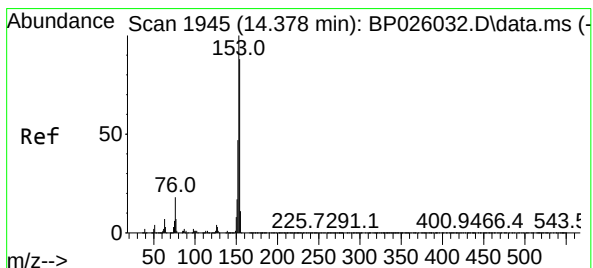
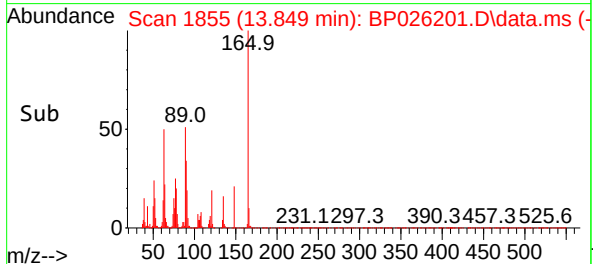
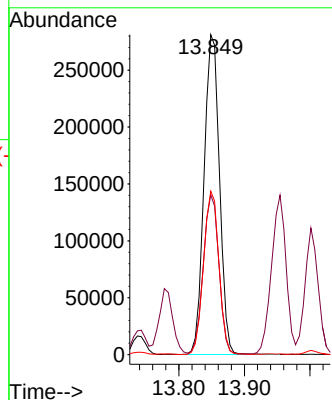
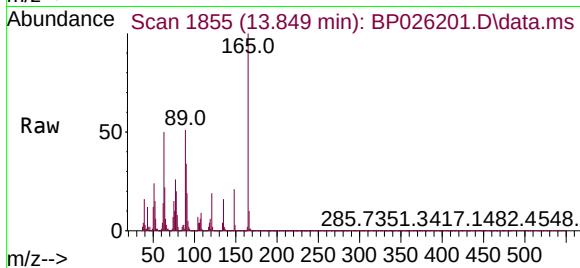




#51
2,6-Dinitrotoluene
Concen: 54.271 ng
RT: 13.849 min Scan# 1860
Delta R.T. -0.035 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

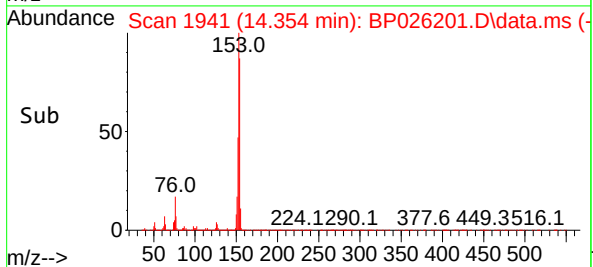
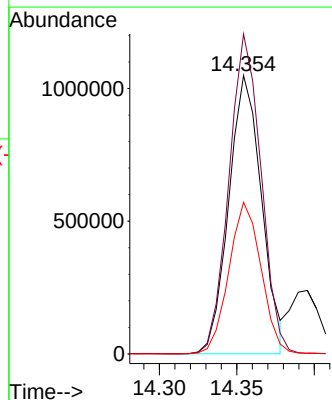
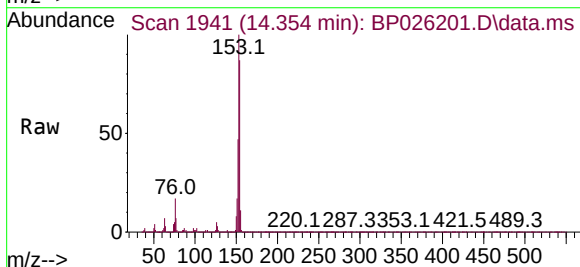
Instrument :
BNA_P
ClientSampleId :
SB-1125-15BMS

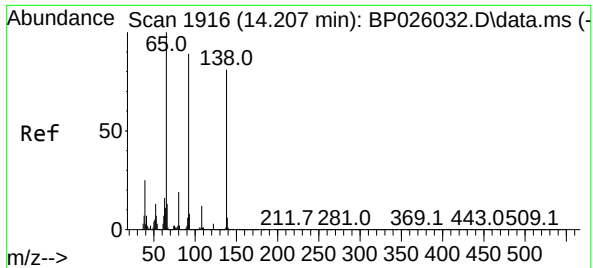
Tgt Ion:165 Resp: 457796
Ion Ratio Lower Upper
165 100
63 49.9 40.5 60.7
89 51.1 41.3 61.9



#52
Acenaphthene
Concen: 47.265 ng
RT: 14.354 min Scan# 1941
Delta R.T. -0.029 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion:154 Resp: 1541992
Ion Ratio Lower Upper
154 100
153 114.9 90.7 136.1
152 54.5 42.8 64.2

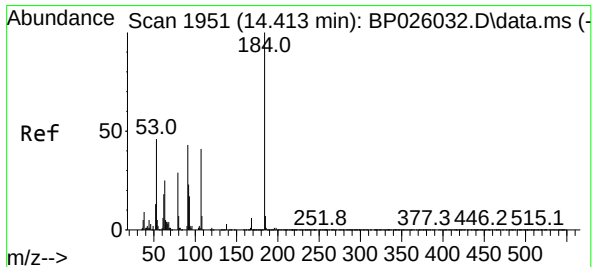
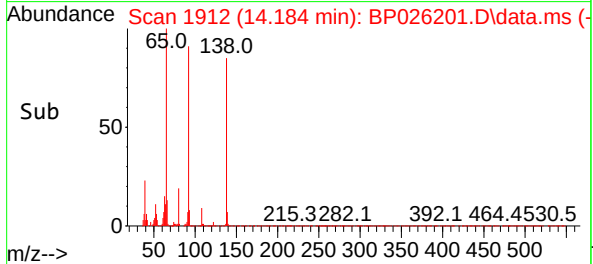
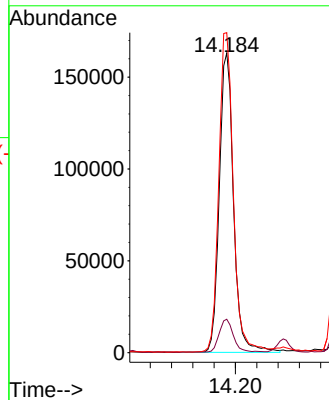
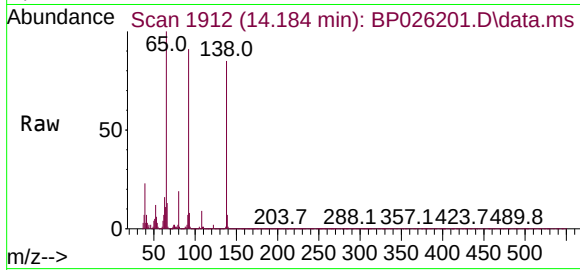




#53
3-Nitroaniline
Concen: 30.436 ng
RT: 14.184 min Scan# 1916
Delta R.T. -0.035 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

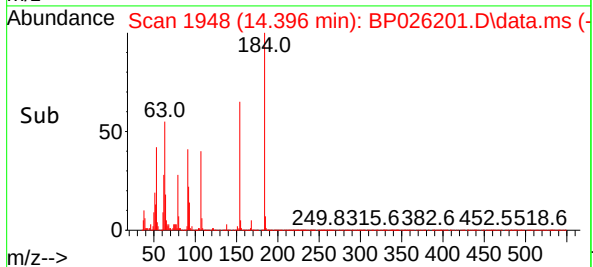
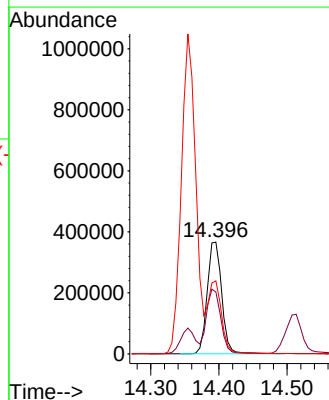
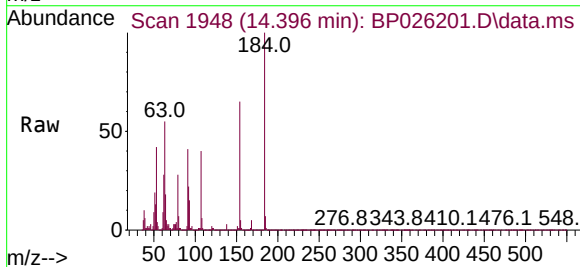
Instrument :
BNA_P
ClientSampleId :
SB-1125-15BMS

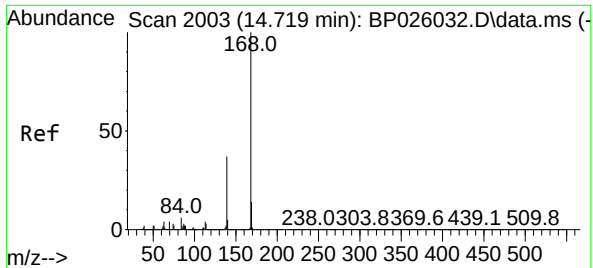
Tgt Ion:138 Resp: 302286
Ion Ratio Lower Upper
138 100
108 11.1 8.9 13.3
92 106.8 86.3 129.5



#54
2,4-Dinitrophenol
Concen: 106.681 ng
RT: 14.396 min Scan# 1948
Delta R.T. -0.035 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion:184 Resp: 543215
Ion Ratio Lower Upper
184 100
63 55.4 43.1 64.7
154 65.3 49.5 74.3

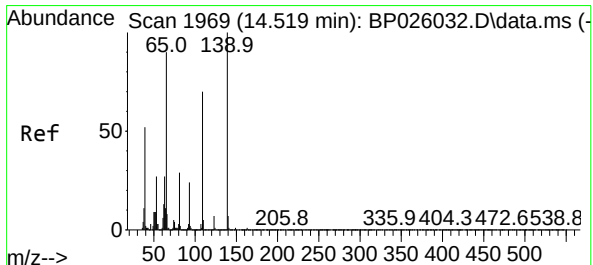
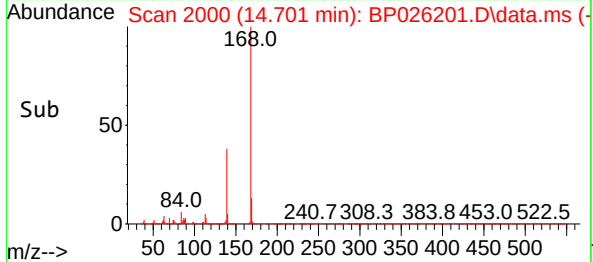
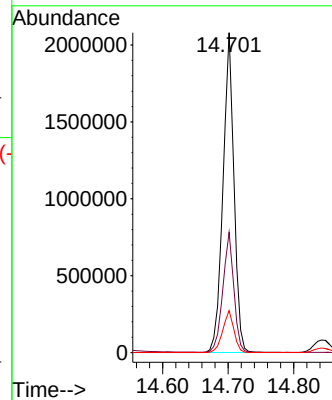
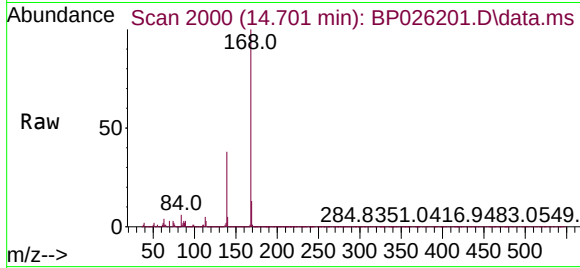




#55
Dibenzofuran
Concen: 48.278 ng
RT: 14.701 min Scan# 2000
Delta R.T. -0.023 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

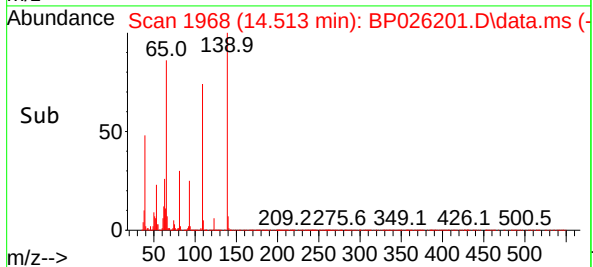
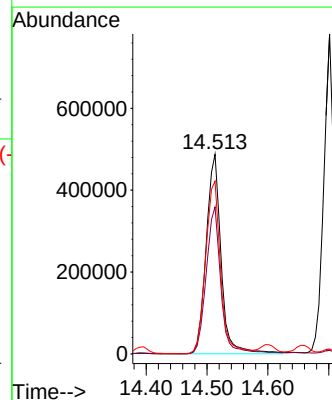
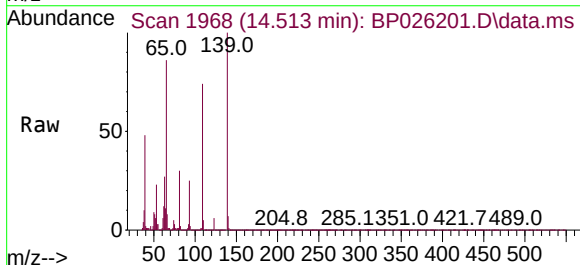
Instrument :
BNA_P
ClientSampleId :
SB-1125-15BMS

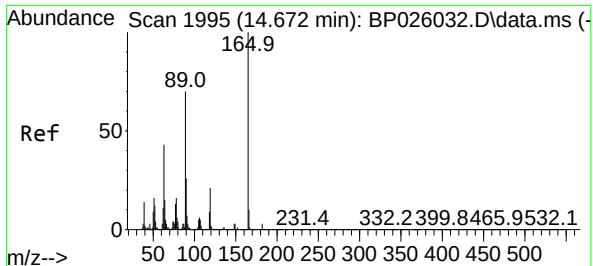
Tgt Ion:168 Resp: 2439496
Ion Ratio Lower Upper
168 100
139 37.6 29.8 44.6
169 13.1 10.9 16.3



#56
4-Nitrophenol
Concen: 92.485 ng
RT: 14.513 min Scan# 1968
Delta R.T. -0.029 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion:139 Resp: 830971
Ion Ratio Lower Upper
139 100
109 73.7 46.8 86.8
65 86.5 69.3 109.3

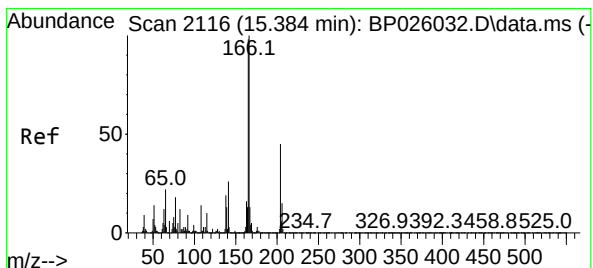
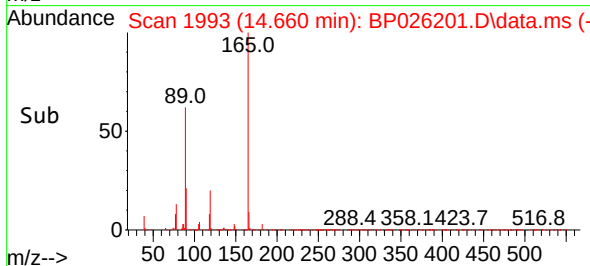
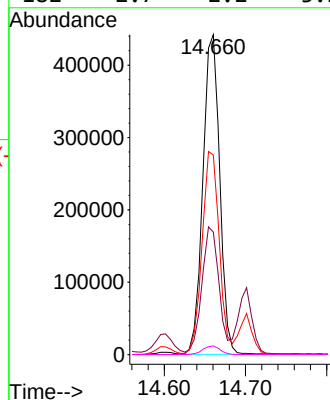
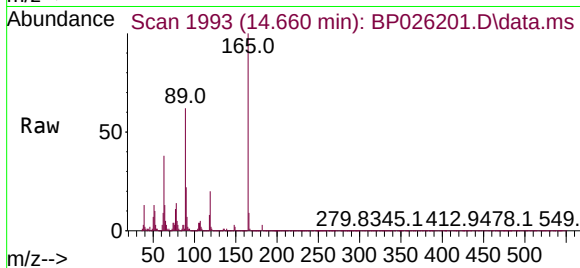




#57
2,4-Dinitrotoluene
Concen: 50.621 ng
RT: 14.660 min Scan# 1993
Delta R.T. -0.029 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

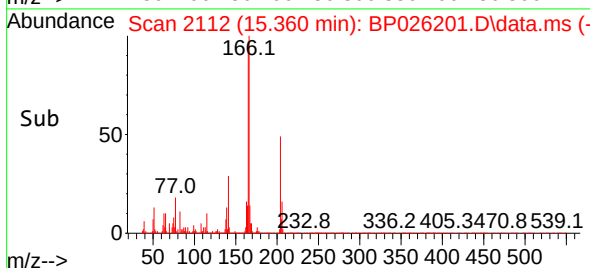
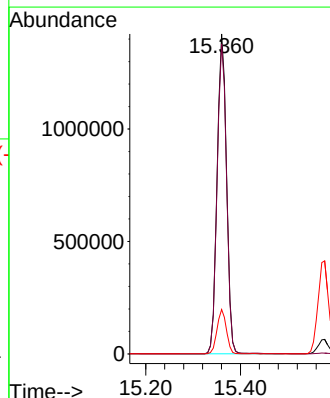
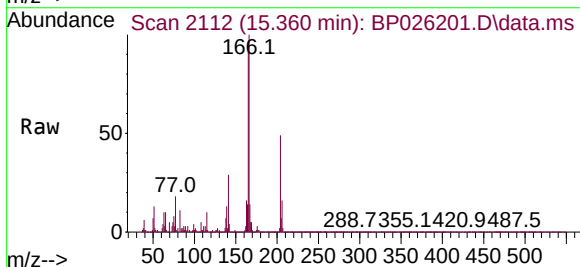
Instrument :
BNA_P
ClientSampleId :
SB-1125-15BMS

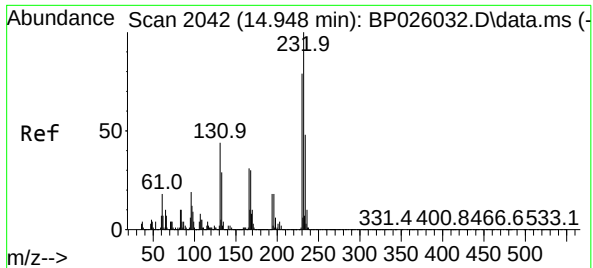
Tgt Ion:165 Resp: 637580
Ion Ratio Lower Upper
165 100
63 38.3 31.0 46.6
89 62.4 51.7 77.5
182 2.7 2.2 3.2



#58
Fluorene
Concen: 49.141 ng
RT: 15.360 min Scan# 2112
Delta R.T. -0.029 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion:166 Resp: 1962637
Ion Ratio Lower Upper
166 100
165 96.9 77.9 116.9
167 13.9 11.0 16.4

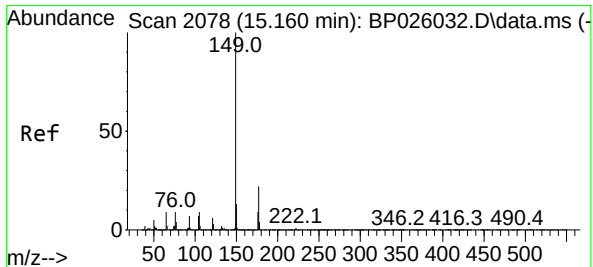
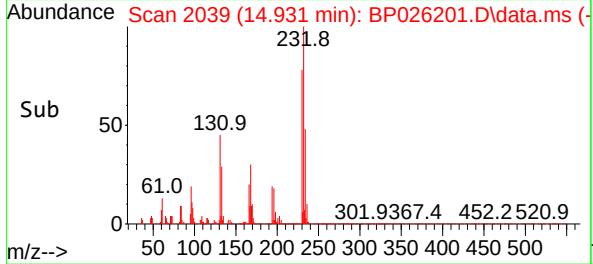
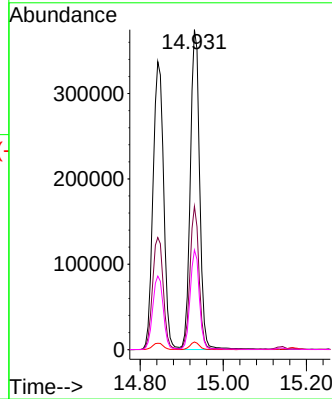
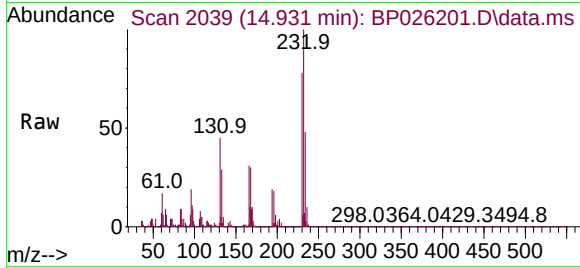




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.385 ng
RT: 14.931 min Scan# 2042
Delta R.T. -0.029 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

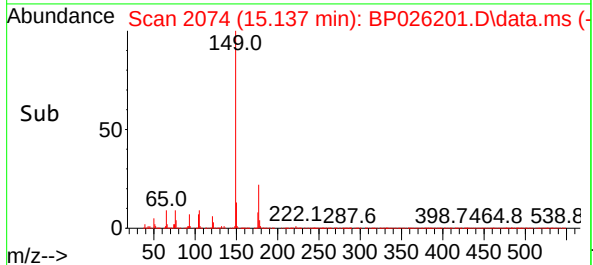
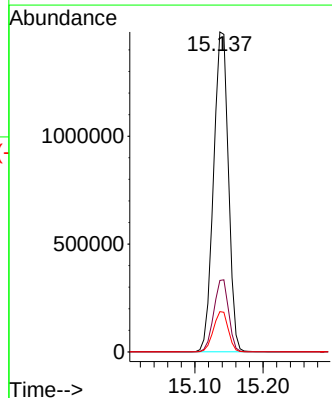
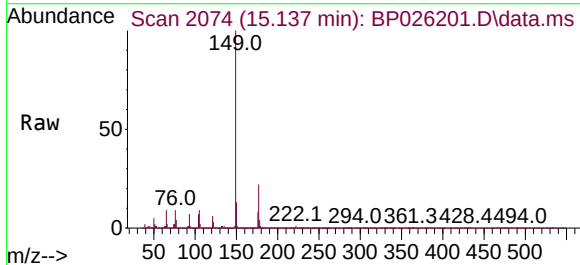
Instrument :
BNA_P
ClientSampleId :
SB-1125-15BMS

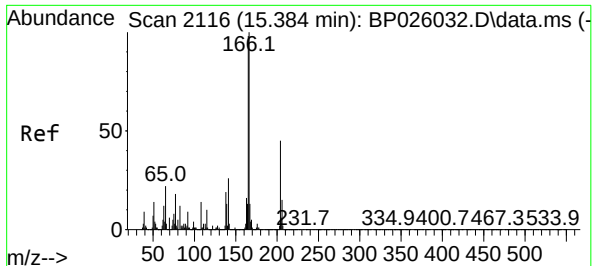
Tgt Ion:232 Resp: 586135
Ion Ratio Lower Upper
232 100
131 43.0 34.8 52.2
130 2.3 1.8 2.8
166 30.2 24.5 36.7



#60
Diethylphthalate
Concen: 52.266 ng
RT: 15.137 min Scan# 2074
Delta R.T. -0.035 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion:149 Resp: 2241447
Ion Ratio Lower Upper
149 100
177 22.3 17.9 26.9
150 12.6 9.9 14.9

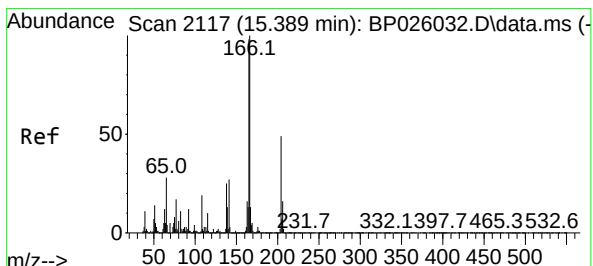
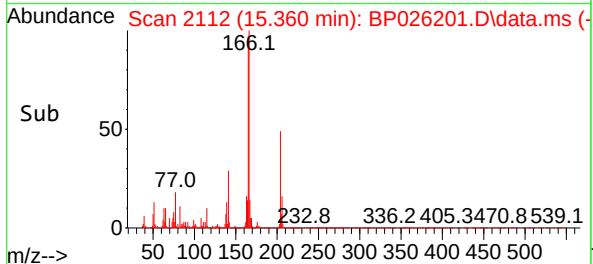
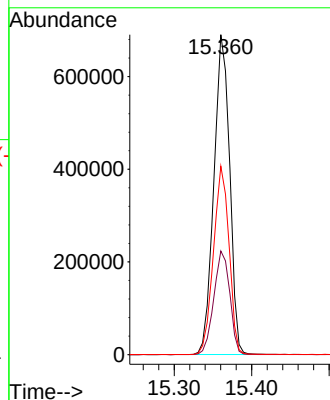
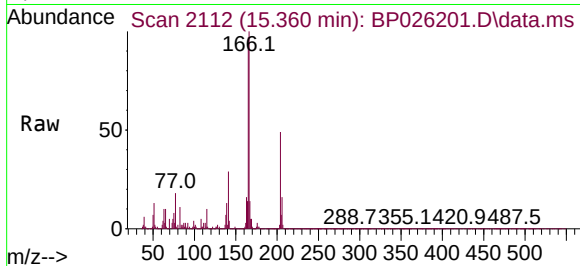




#61
4-Chlorophenyl-phenylether
Concen: 49.162 ng
RT: 15.360 min Scan# 2115
Delta R.T. -0.029 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

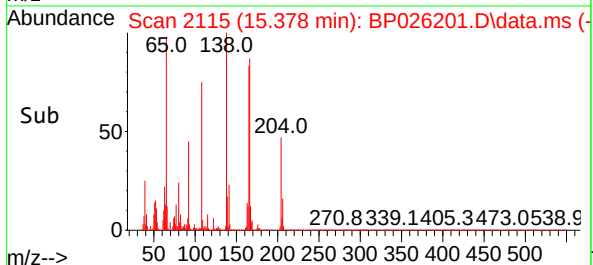
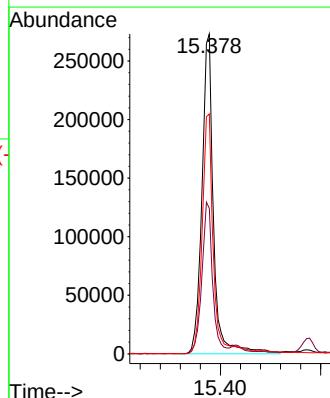
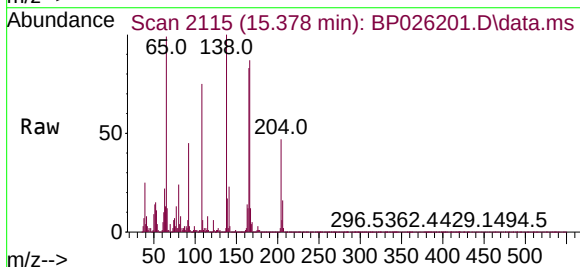
Instrument :
BNA_P
ClientSampleId :
SB-1125-15BMS

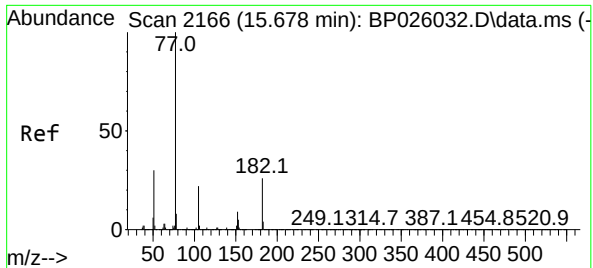
Tgt Ion:204 Resp: 976947
Ion Ratio Lower Upper
204 100
206 32.4 26.2 39.2
141 58.9 48.1 72.1



#62
4-Nitroaniline
Concen: 42.344 ng
RT: 15.378 min Scan# 2115
Delta R.T. -0.023 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

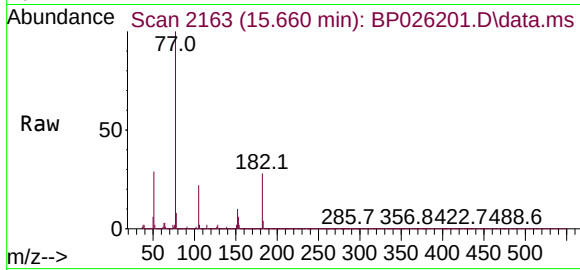
Tgt Ion:138 Resp: 436714
Ion Ratio Lower Upper
138 100
92 45.5 27.5 67.5
108 75.0 51.1 91.1





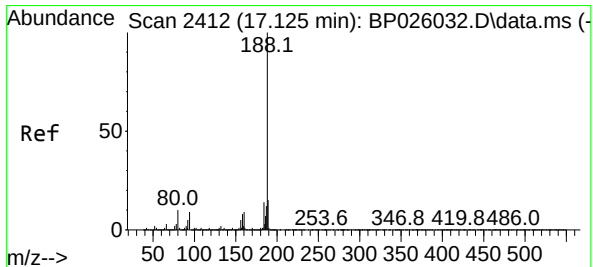
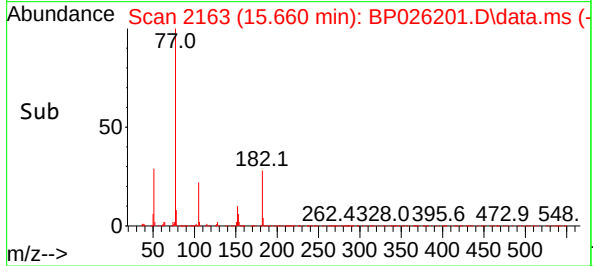
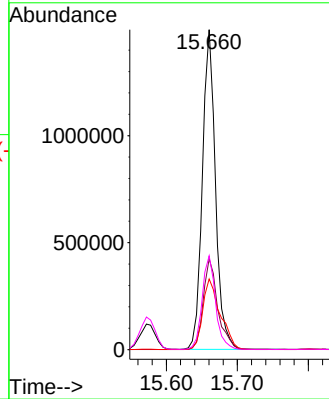
#63
Azobenzene
Concen: 52.687 ng
RT: 15.660 min Scan# 2166
Delta R.T. -0.029 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Instrument :
BNA_P
ClientSampleId :
SB-1125-15BMS



Tgt Ion: 77 Resp: 1905150

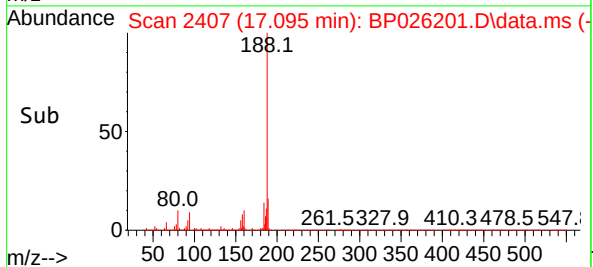
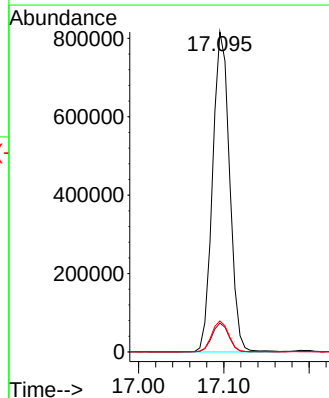
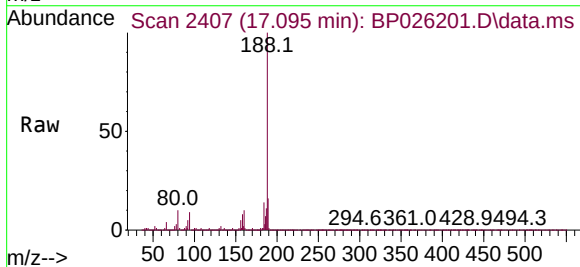
Ion	Ratio	Lower	Upper
77	100		
182	28.4	8.8	48.8
105	22.1	2.6	42.6
51	29.3	9.2	49.2

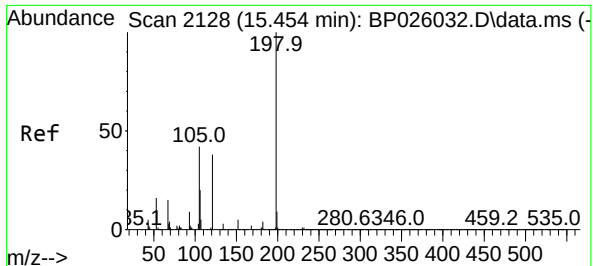


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.095 min Scan# 2407
Delta R.T. -0.035 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion: 188 Resp: 1129941

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.8	11.6
80	9.7	8.2	12.2

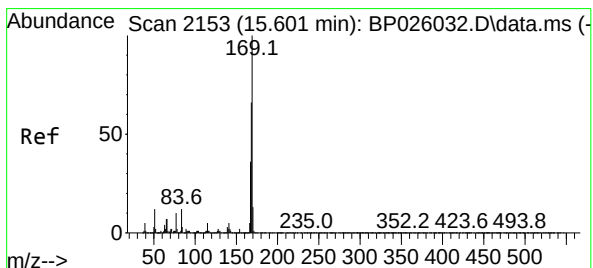
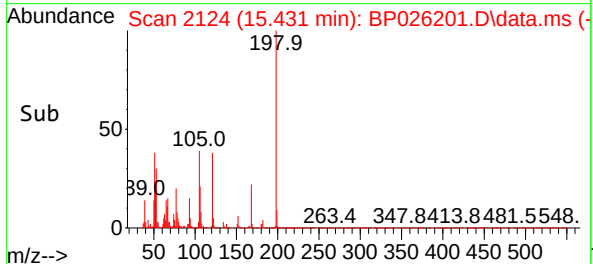
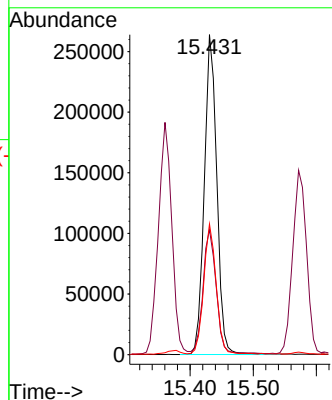
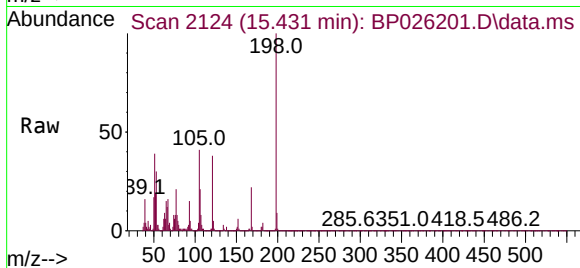




#65
4,6-Dinitro-2-methylphenol
Concen: 50.467 ng
RT: 15.431 min Scan# 2119
Delta R.T. -0.035 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

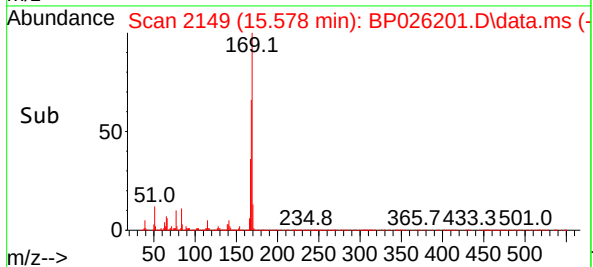
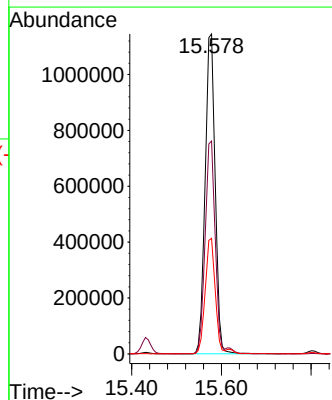
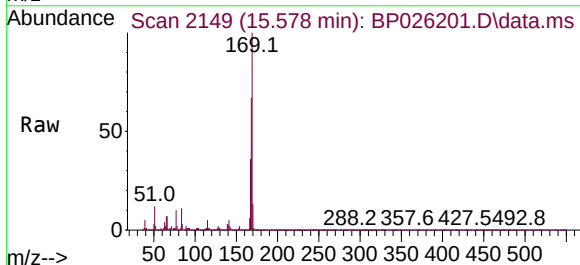
Instrument :
BNA_P
ClientSampleId :
SB-1125-15BMS

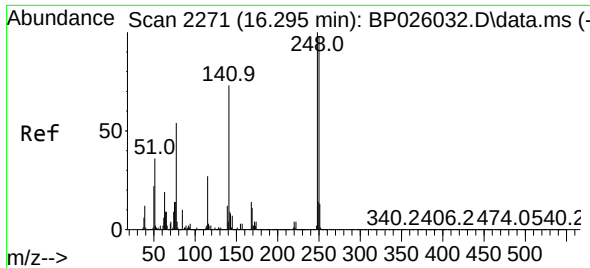
Tgt Ion:198 Resp: 362269
Ion Ratio Lower Upper
198 100
51 39.0 18.4 58.4
105 40.8 18.5 58.5



#66
n-Nitrosodiphenylamine
Concen: 50.799 ng
RT: 15.578 min Scan# 2149
Delta R.T. -0.029 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion:169 Resp: 1775615
Ion Ratio Lower Upper
169 100
168 66.5 53.1 79.7
167 36.1 28.9 43.3

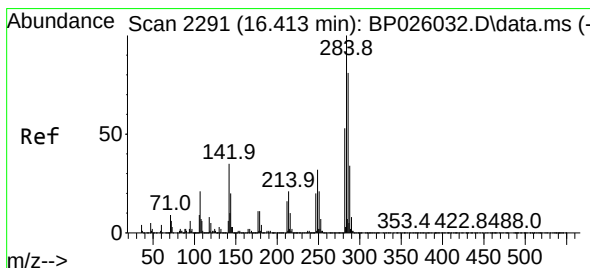
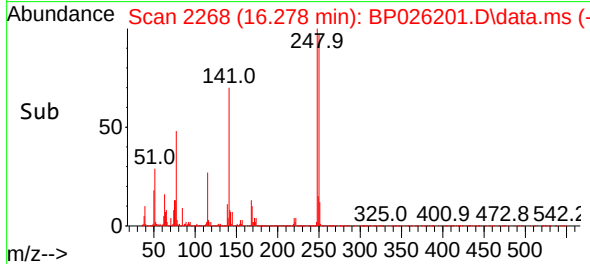
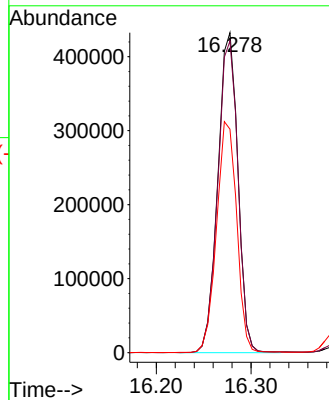
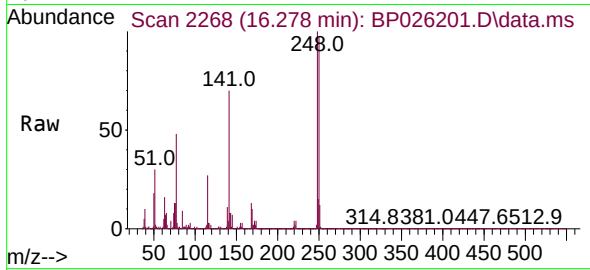




#67
4-Bromophenyl-phenylether
Concen: 50.706 ng
RT: 16.278 min Scan# 21
Delta R.T. -0.029 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

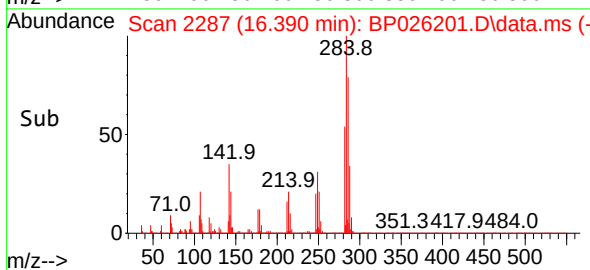
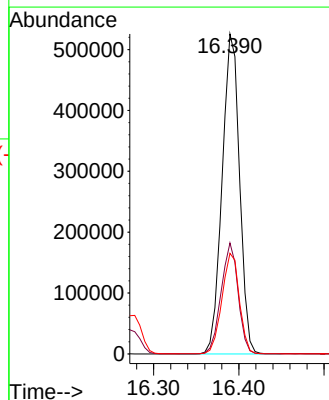
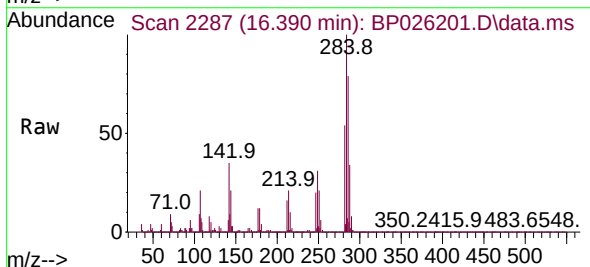
Instrument :
BNA_P
ClientSampleId :
SB-1125-15BMS

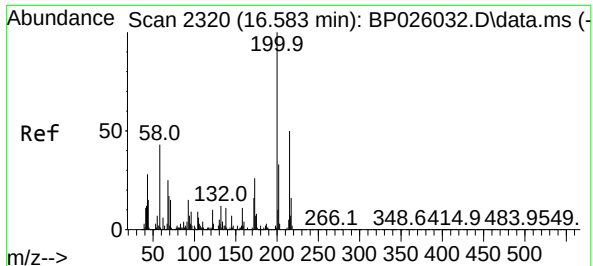
Tgt Ion:248 Resp: 634525
Ion Ratio Lower Upper
248 100
250 97.4 77.8 116.6
141 69.8 55.4 83.0



#68
Hexachlorobenzene
Concen: 51.358 ng
RT: 16.390 min Scan# 2287
Delta R.T. -0.035 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion:284 Resp: 745760
Ion Ratio Lower Upper
284 100
142 34.7 28.0 42.0
249 31.4 25.0 37.4

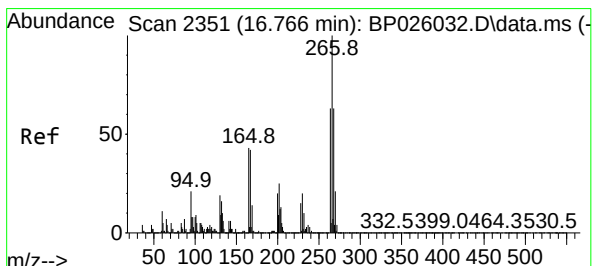
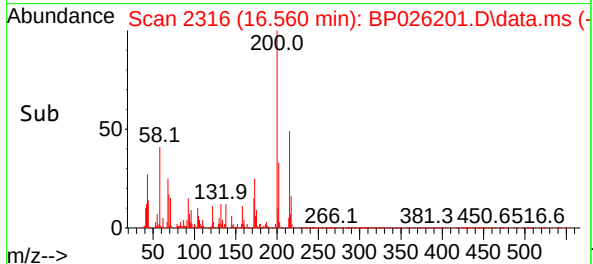
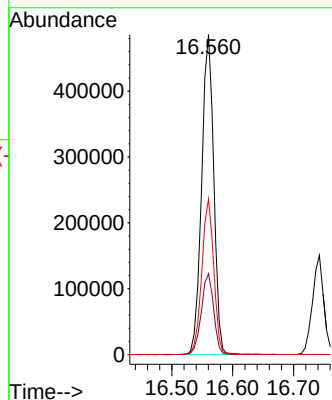
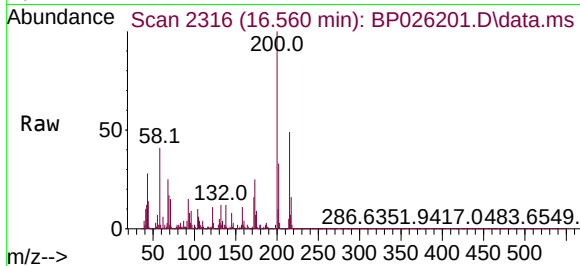




#69
Atrazine
Concen: 50.835 ng
RT: 16.560 min Scan# 2316
Delta R.T. -0.029 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

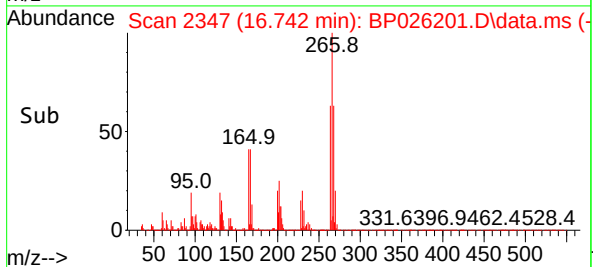
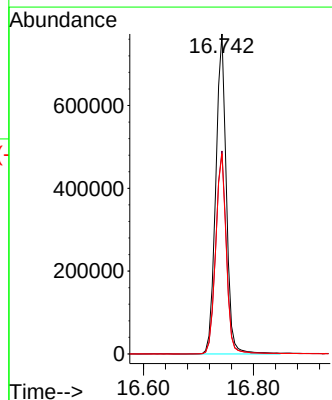
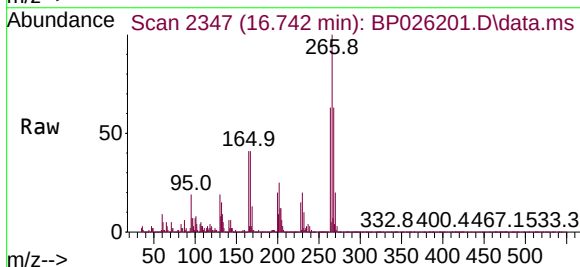
Instrument :
BNA_P
ClientSampleId :
SB-1125-15BMS

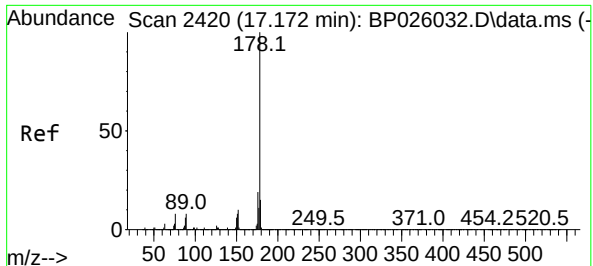
Tgt Ion:200 Resp: 670034
Ion Ratio Lower Upper
200 100
173 25.3 6.7 46.7
215 48.7 27.4 67.4



#70
Pentachlorophenol
Concen: 100.983 ng
RT: 16.742 min Scan# 2347
Delta R.T. -0.035 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion:266 Resp: 1025730
Ion Ratio Lower Upper
266 100
268 63.4 51.0 76.4
264 62.6 50.2 75.2

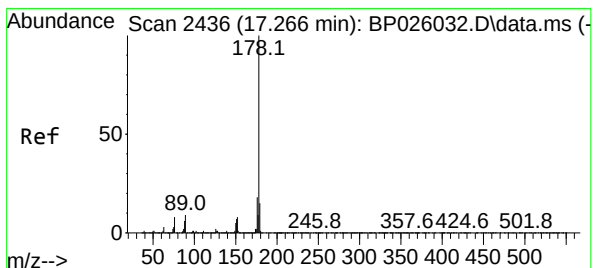
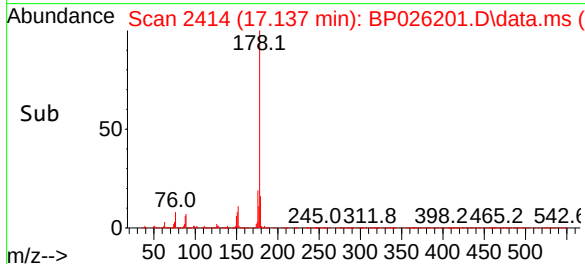
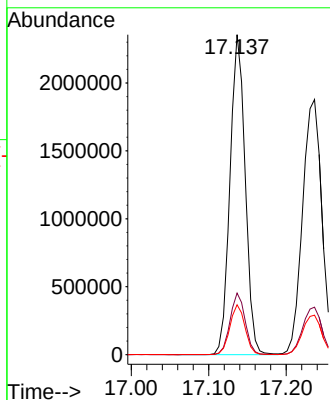
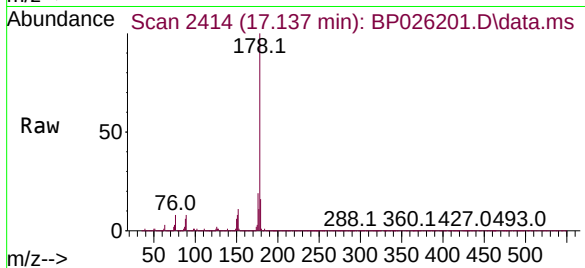




#71
Phenanthrene
Concen: 50.519 ng
RT: 17.137 min Scan# 2414
Delta R.T. -0.041 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

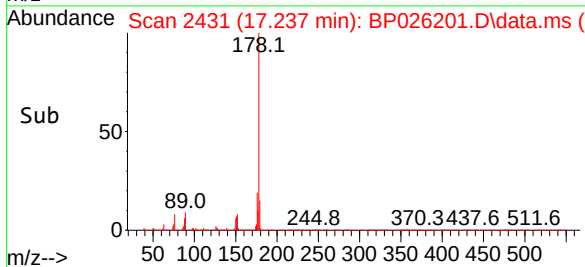
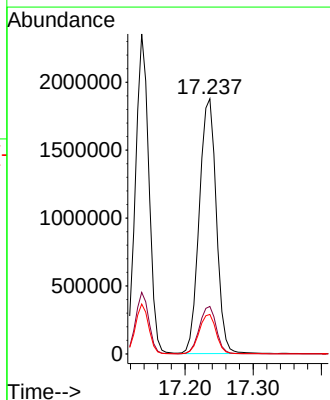
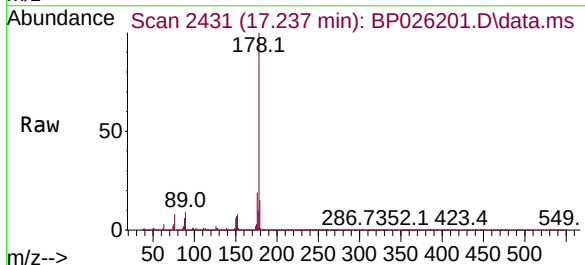
Instrument :
BNA_P
ClientSampleId :
SB-1125-15BMS

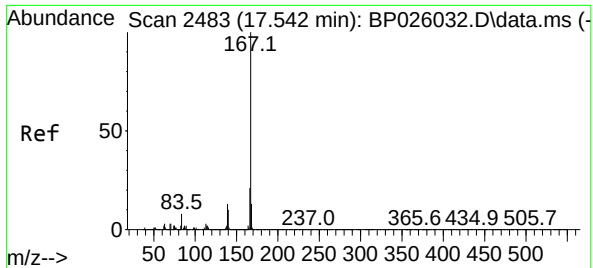
Tgt Ion:178 Resp: 3215634
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.6 12.4 18.6



#72
Anthracene
Concen: 50.174 ng
RT: 17.237 min Scan# 2431
Delta R.T. -0.035 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion:178 Resp: 3257412
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 15.5 12.2 18.4

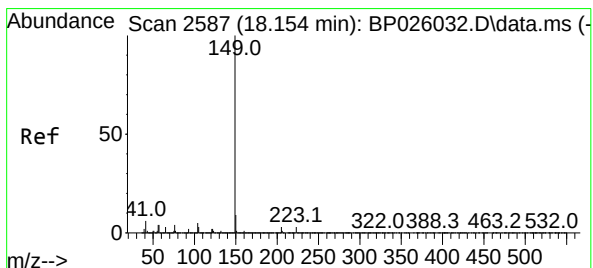
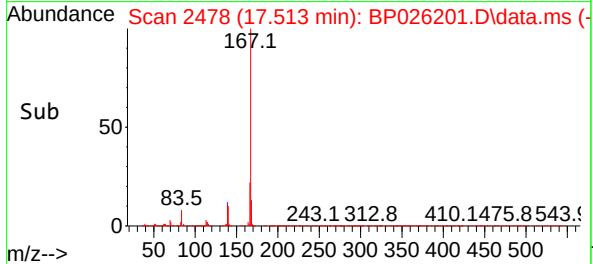
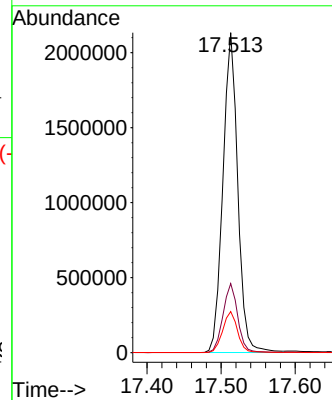
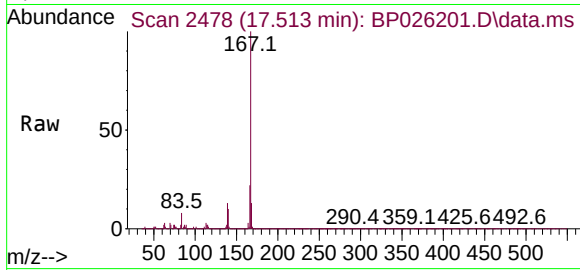




#73
 Carbazole
 Concen: 48.125 ng
 RT: 17.513 min Scan# 2483
 Delta R.T. -0.029 min
 Lab File: BP026201.D
 Acq: 01 Dec 2025 17:51

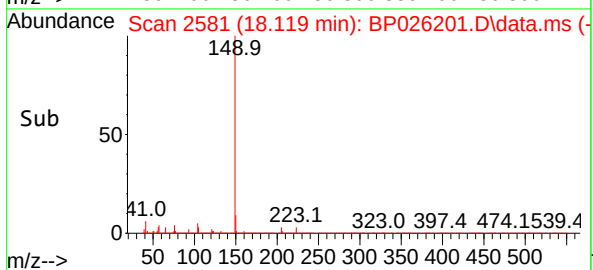
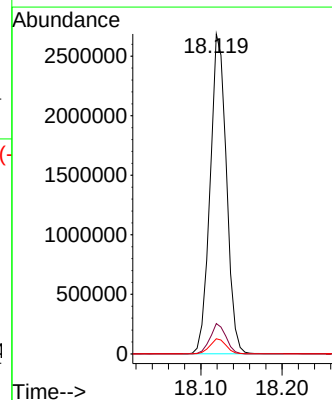
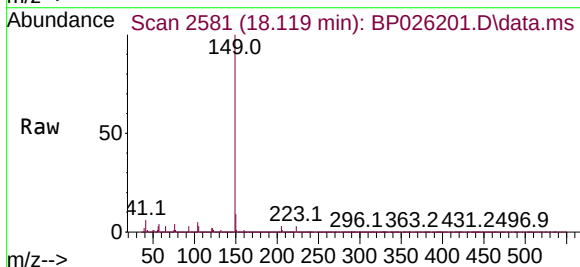
Instrument :
 BNA_P
 ClientSampleId :
 SB-1125-15BMS

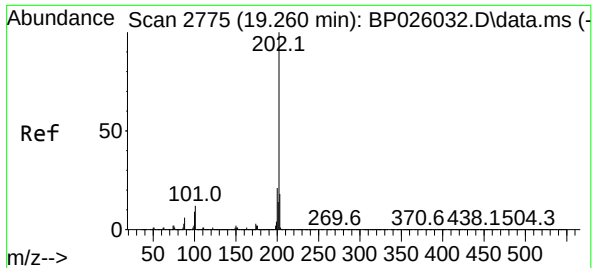
Tgt Ion:167 Resp: 2967469
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.1 25.7
 139 12.8 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 51.358 ng
 RT: 18.119 min Scan# 2581
 Delta R.T. -0.041 min
 Lab File: BP026201.D
 Acq: 01 Dec 2025 17:51

Tgt Ion:149 Resp: 3754359
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.5 11.3
 104 4.7 3.6 5.4

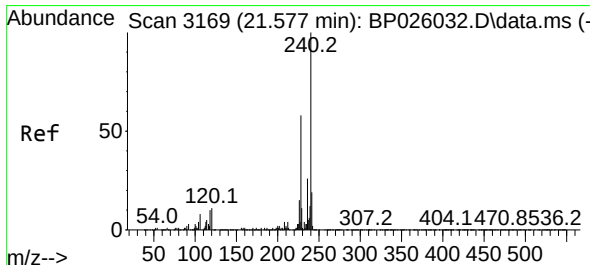
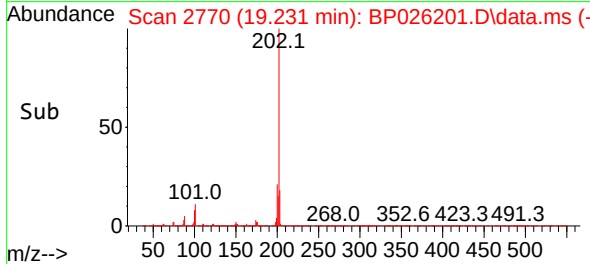
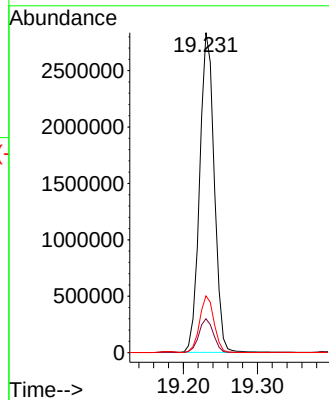
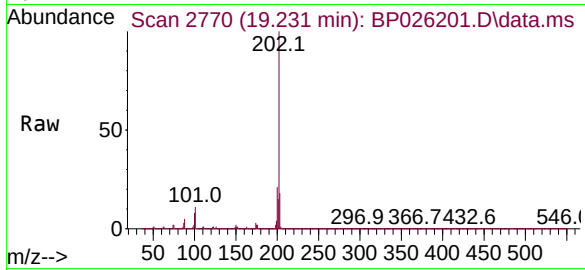




#75
Fluoranthene
Concen: 50.166 ng
RT: 19.231 min Scan# 21
Delta R.T. -0.035 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

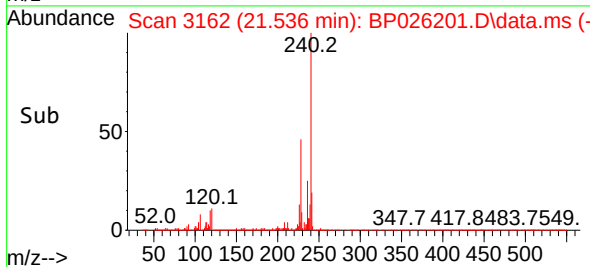
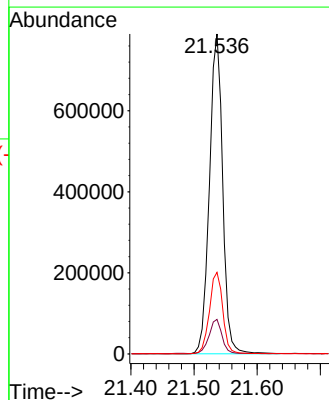
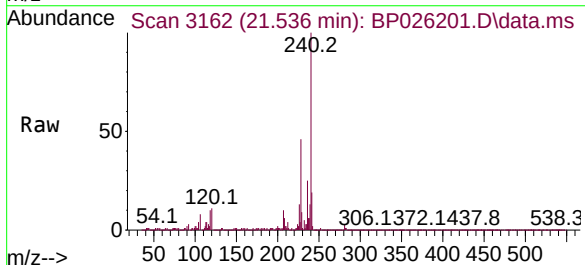
Instrument :
BNA_P
ClientSampleId :
SB-1125-15BMS

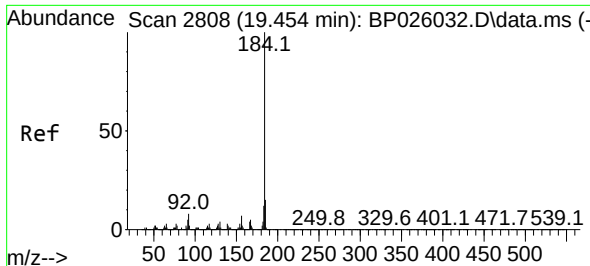
Tgt Ion:202 Resp: 3879717
Ion Ratio Lower Upper
202 100
101 10.6 0.0 31.2
203 17.7 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.536 min Scan# 3162
Delta R.T. -0.035 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion:240 Resp: 1151085
Ion Ratio Lower Upper
240 100
120 10.8 9.0 13.4
236 25.5 20.4 30.6

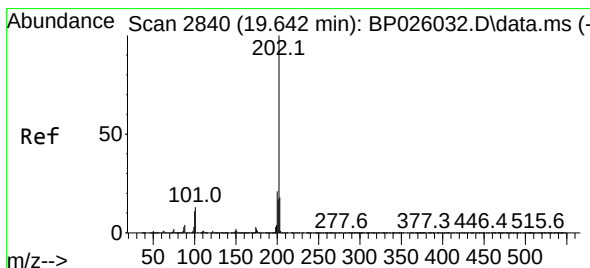
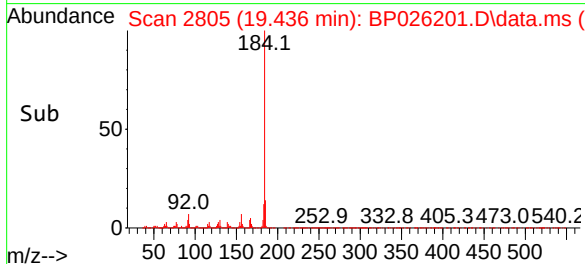
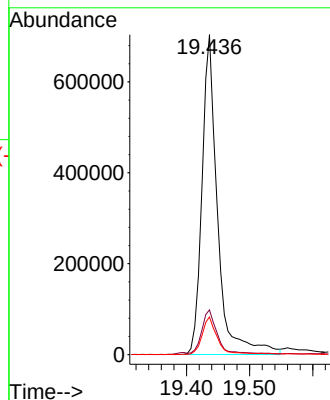
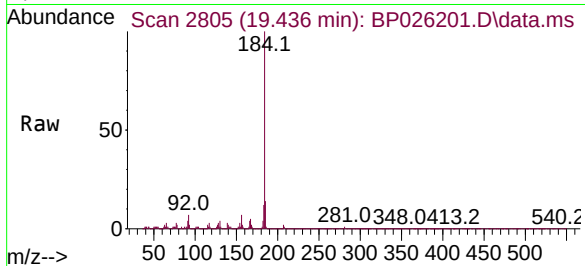




#77
Benzidine
Concen: 33.011 ng
RT: 19.436 min Scan# 2805
Delta R.T. -0.029 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

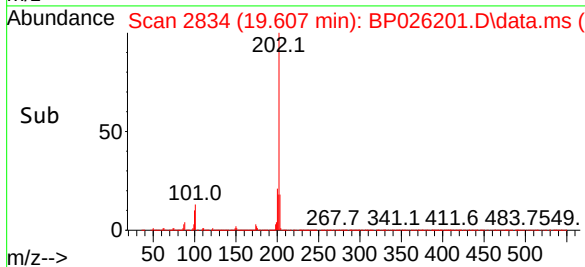
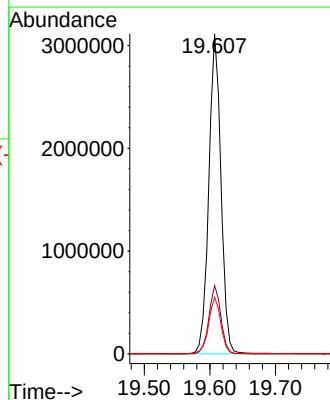
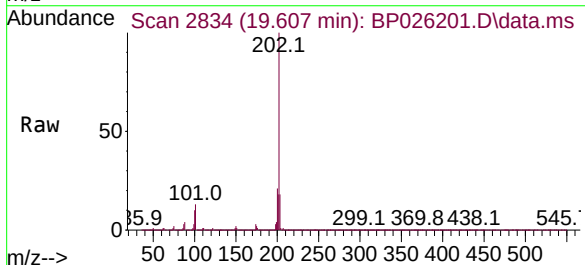
Instrument :
BNA_P
ClientSampleId :
SB-1125-15BMS

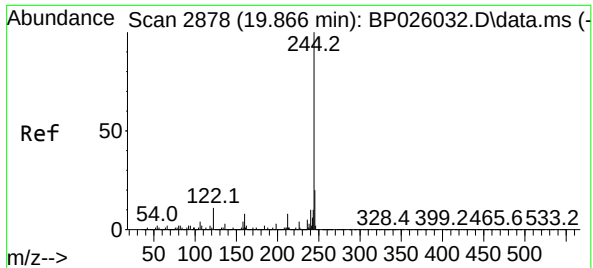
Tgt Ion:184 Resp: 1205912
Ion Ratio Lower Upper
184 100
185 14.0 11.3 16.9
183 11.8 9.0 13.6



#78
Pyrene
Concen: 52.870 ng
RT: 19.607 min Scan# 2834
Delta R.T. -0.035 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion:202 Resp: 3990288
Ion Ratio Lower Upper
202 100
200 21.4 16.9 25.3
203 17.7 13.8 20.8

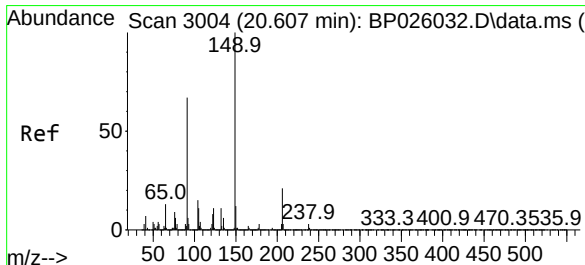
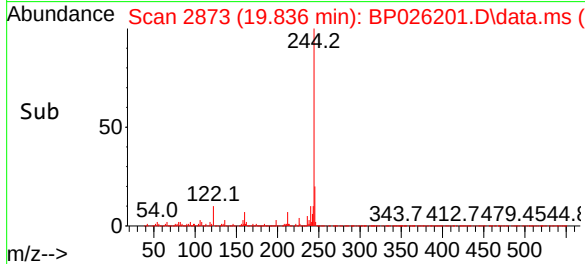
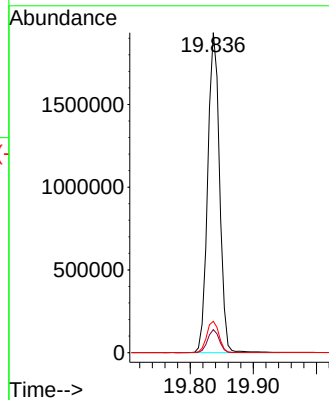
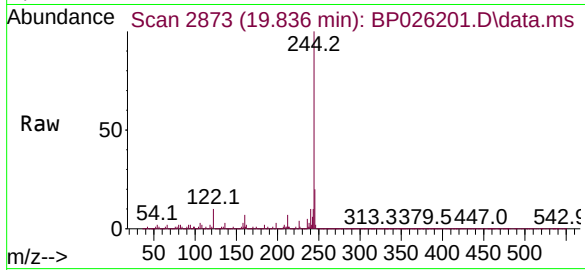




#79
 Terphenyl-d14
 Concen: 44.421 ng
 RT: 19.836 min Scan# 2878
 Delta R.T. -0.035 min
 Lab File: BP026201.D
 Acq: 01 Dec 2025 17:51

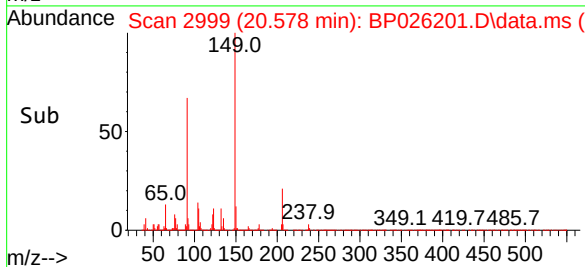
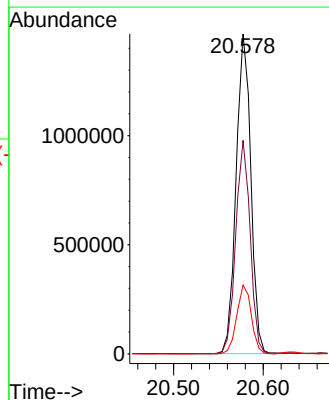
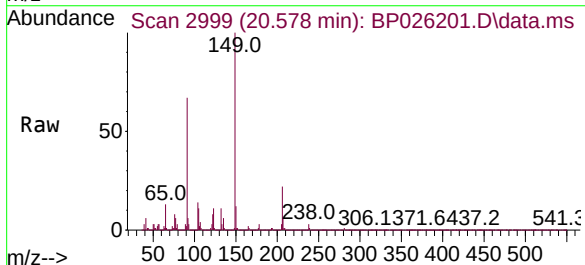
Instrument :
 BNA_P
 ClientSampleId :
 SB-1125-15BMS

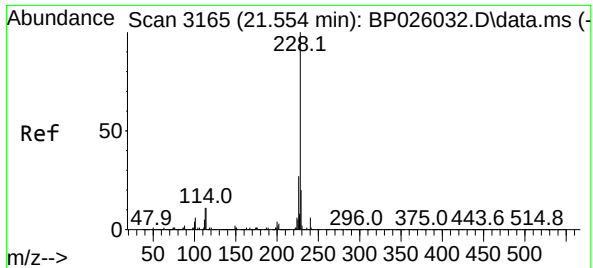
Tgt Ion:244 Resp: 2507666
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 9.8 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 50.112 ng
 RT: 20.578 min Scan# 2999
 Delta R.T. -0.029 min
 Lab File: BP026201.D
 Acq: 01 Dec 2025 17:51

Tgt Ion:149 Resp: 1665637
 Ion Ratio Lower Upper
 149 100
 91 66.7 52.6 79.0
 206 21.5 16.9 25.3

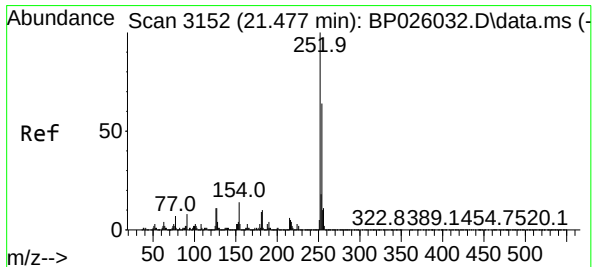
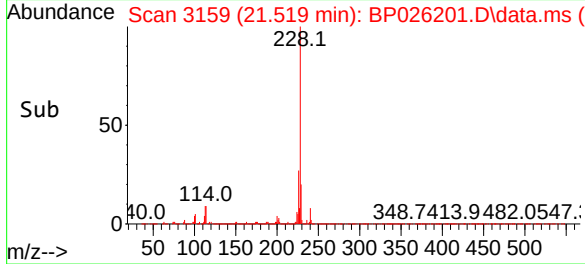
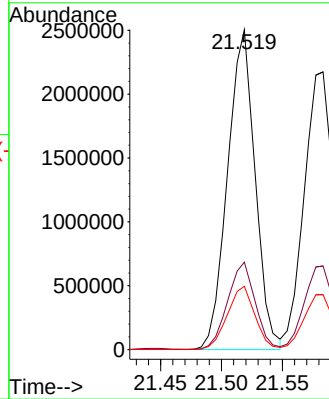
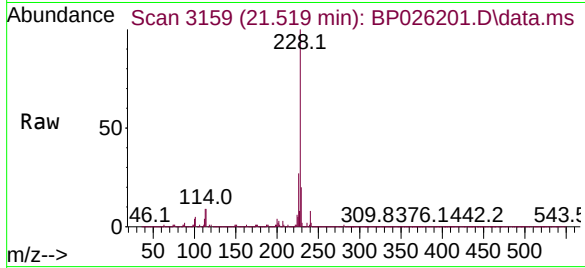




#81
Benzo(a)anthracene
Concen: 49.901 ng
RT: 21.519 min Scan# 3165
Delta R.T. -0.035 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

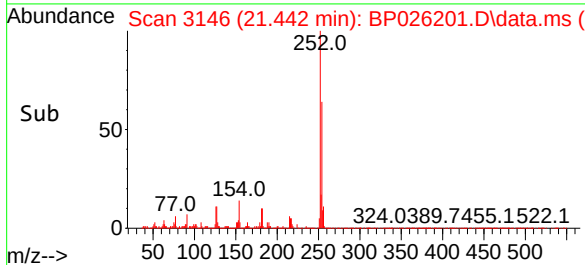
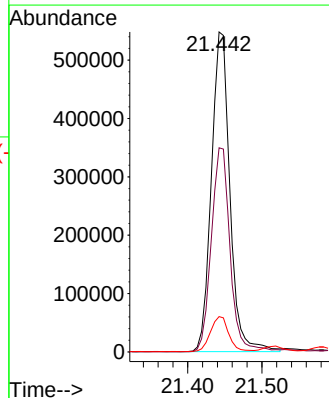
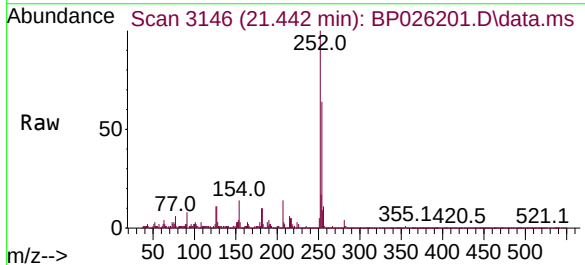
Instrument :
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ClientSampleId :
SB-1125-15BMS

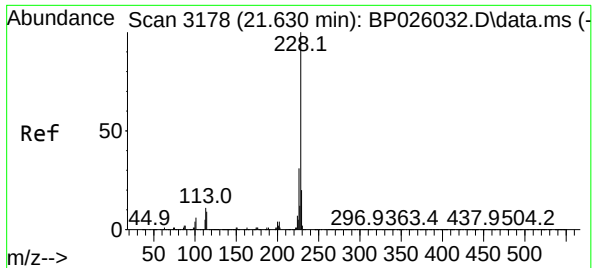
Tgt Ion:228 Resp: 3944904
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.8 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 33.130 ng
RT: 21.442 min Scan# 3146
Delta R.T. -0.047 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion:252 Resp: 952449
Ion Ratio Lower Upper
252 100
254 63.8 51.2 76.8
126 11.1 8.2 12.4

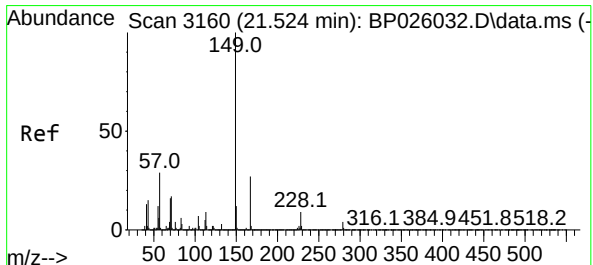
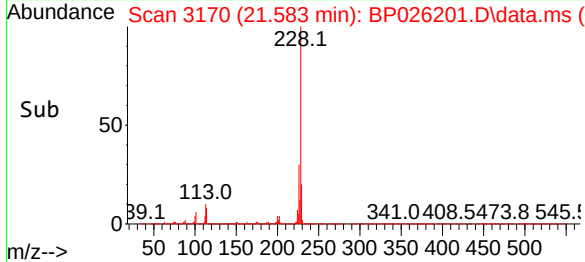
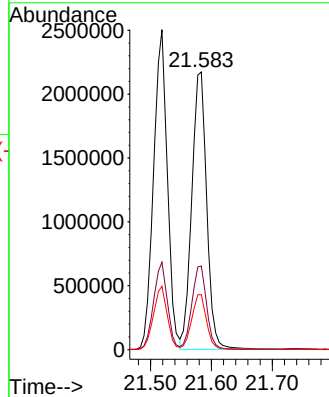
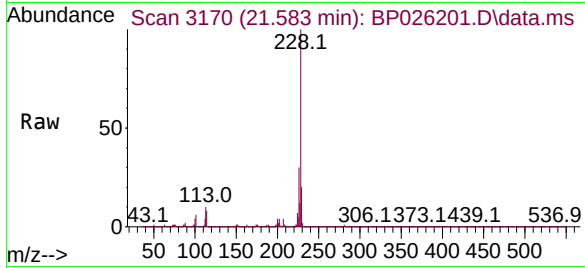




#83
Chrysene
Concen: 49.581 ng
RT: 21.583 min Scan# 3178
Delta R.T. -0.035 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

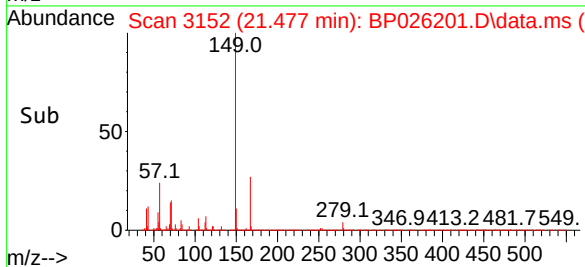
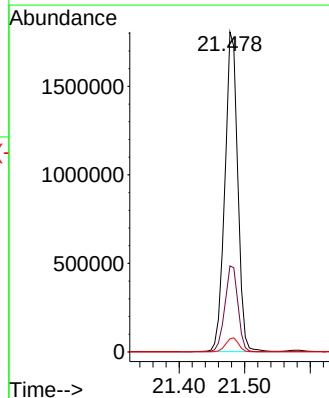
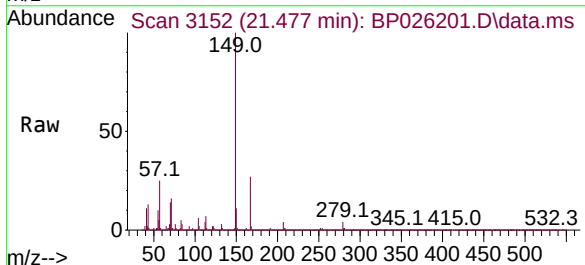
Instrument :
BNA_P
ClientSampleId :
SB-1125-15BMS

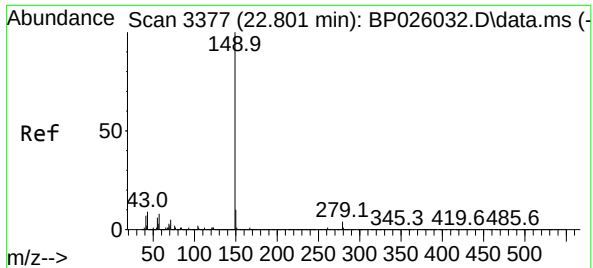
Tgt Ion:228 Resp: 3694023
Ion Ratio Lower Upper
228 100
226 30.1 23.9 35.9
229 19.8 15.9 23.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 49.085 ng
RT: 21.477 min Scan# 3152
Delta R.T. -0.041 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion:149 Resp: 2469683
Ion Ratio Lower Upper
149 100
167 26.9 22.1 33.1
279 4.1 3.3 4.9

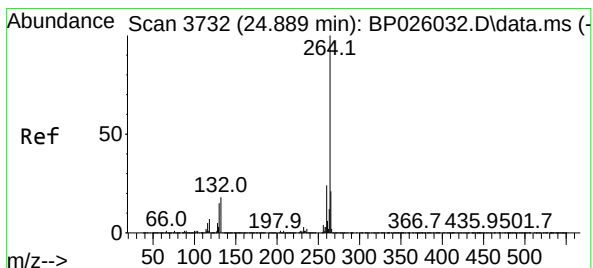
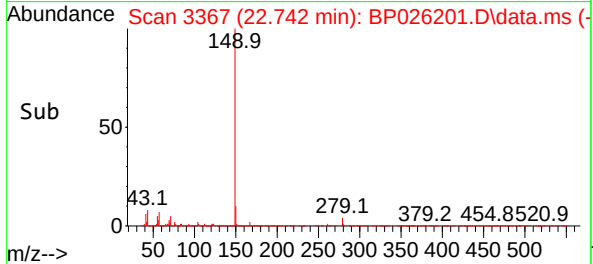
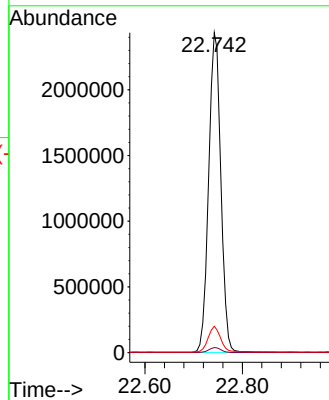
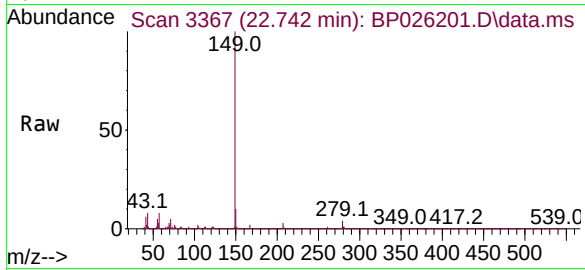




#85
Di-n-octyl phthalate
Concen: 48.125 ng
RT: 22.742 min Scan# 3377
Delta R.T. -0.064 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

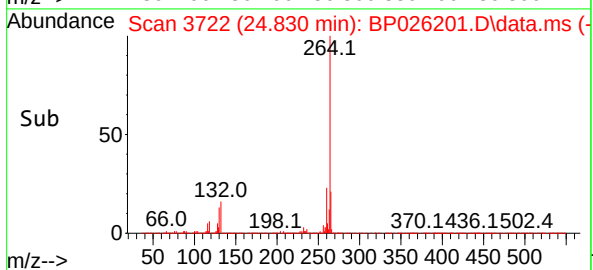
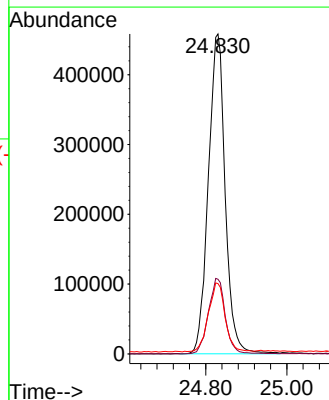
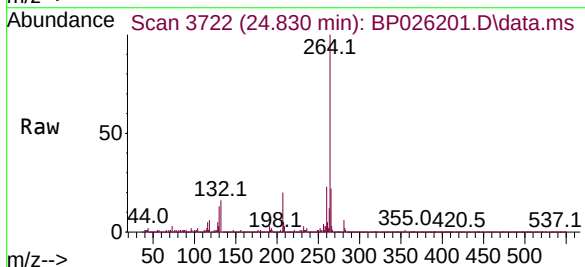
Instrument :
BNA_P
ClientSampleId :
SB-1125-15BMS

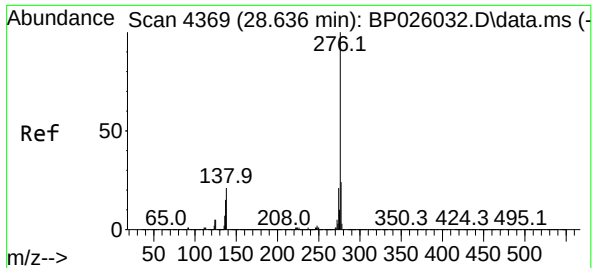
Tgt Ion:149 Resp: 4234005
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.3 6.6 10.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.830 min Scan# 3722
Delta R.T. -0.076 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion:264 Resp: 1323407
Ion Ratio Lower Upper
264 100
260 23.3 18.7 28.1
265 22.0 17.5 26.3

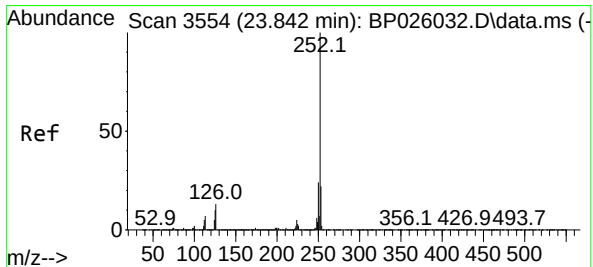
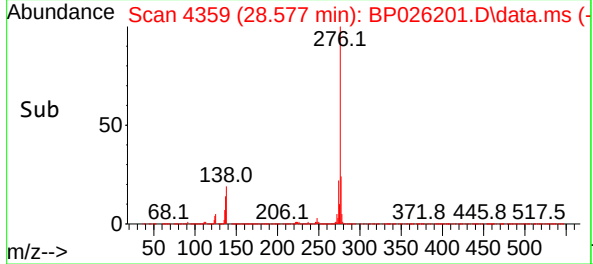
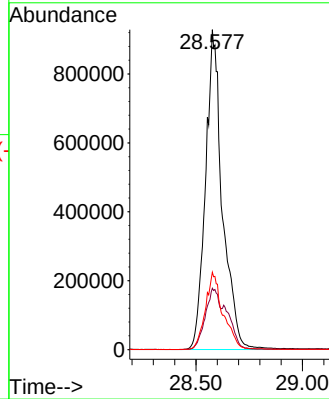
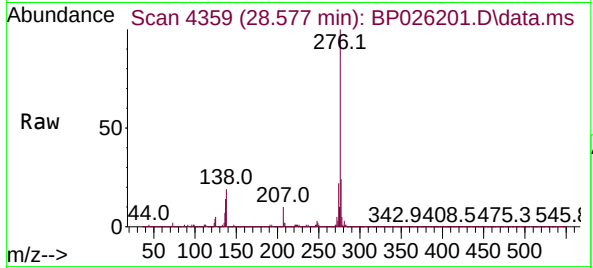




#87
Indeno(1,2,3-cd)pyrene
Concen: 51.628 ng
RT: 28.577 min Scan# 4369
Delta R.T. -0.129 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

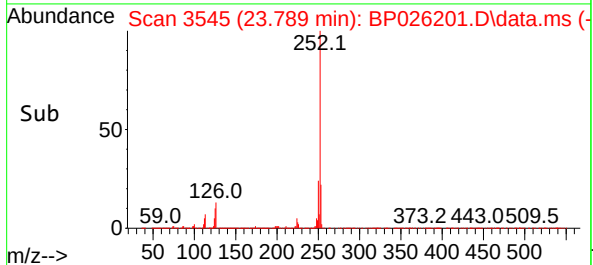
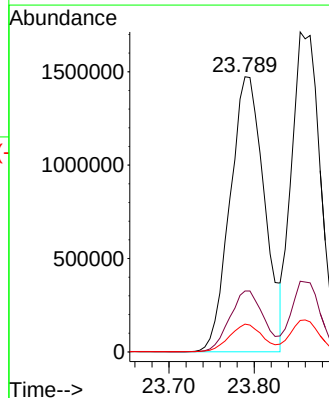
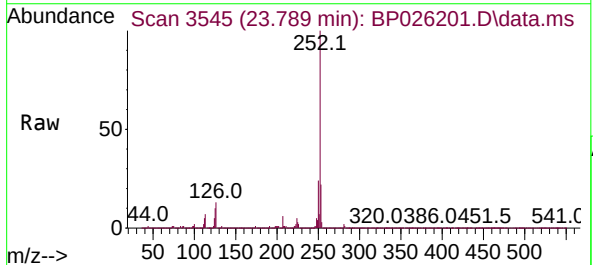
Instrument :
BNA_P
ClientSampleId :
SB-1125-15BMS

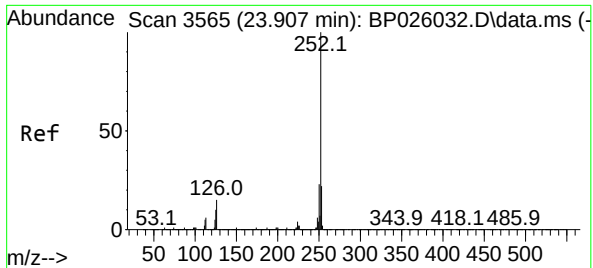
Tgt Ion:276 Resp: 5124135
Ion Ratio Lower Upper
276 100
138 16.0 13.8 20.8
277 25.0 16.7 25.1



#88
Benzo(b)fluoranthene
Concen: 51.393 ng
RT: 23.789 min Scan# 3545
Delta R.T. -0.076 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion:252 Resp: 4141922
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 10.1 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 50.019 ng

RT: 23.854 min Scan# 31

Delta R.T. -0.082 min

Lab File: BP026201.D

Acq: 01 Dec 2025 17:51

Instrument :

BNA_P

ClientSampleId :

SB-1125-15BMS

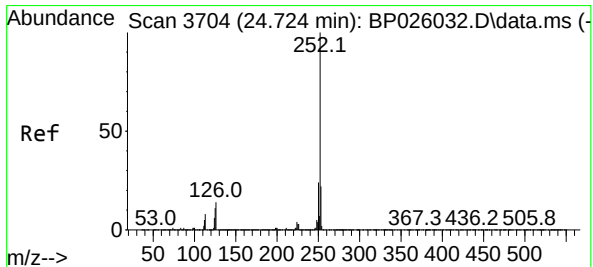
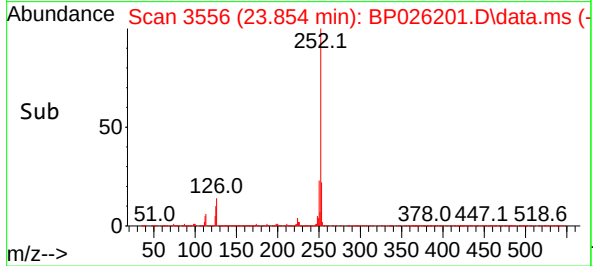
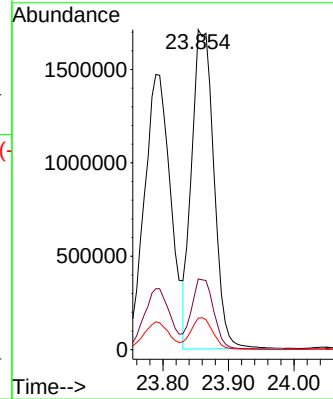
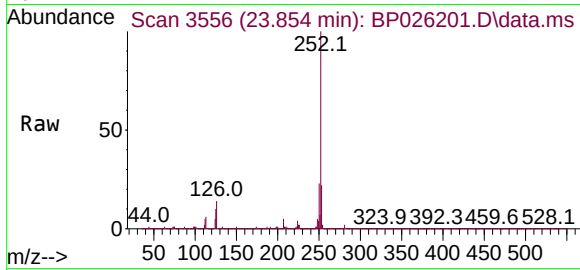
Tgt Ion:252 Resp: 4026385

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 9.8 7.5 11.3



#90

Benzo(a)pyrene

Concen: 52.575 ng

RT: 24.677 min Scan# 3696

Delta R.T. -0.076 min

Lab File: BP026201.D

Acq: 01 Dec 2025 17:51

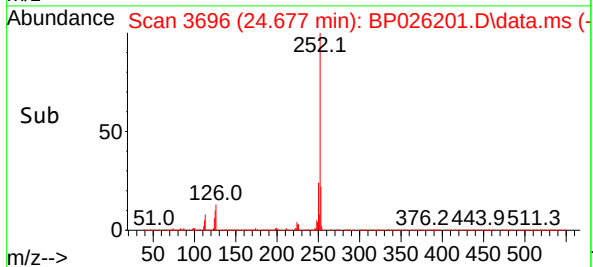
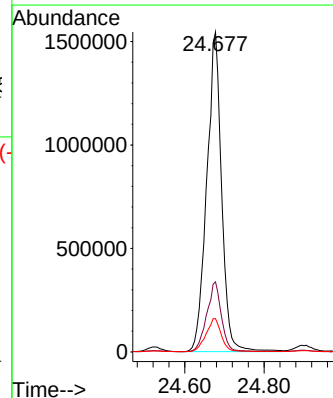
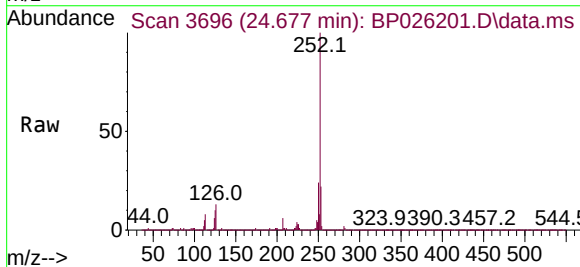
Tgt Ion:252 Resp: 4013559

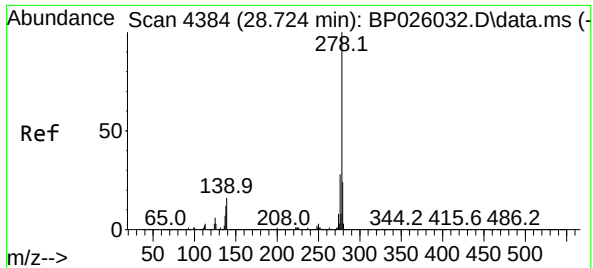
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 10.4 9.0 13.6

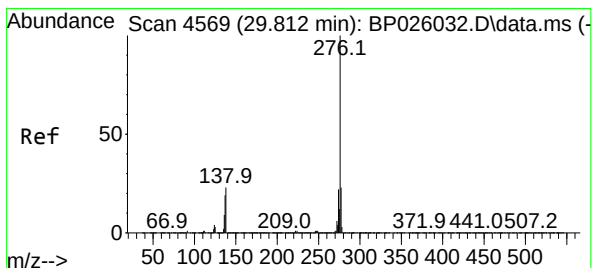
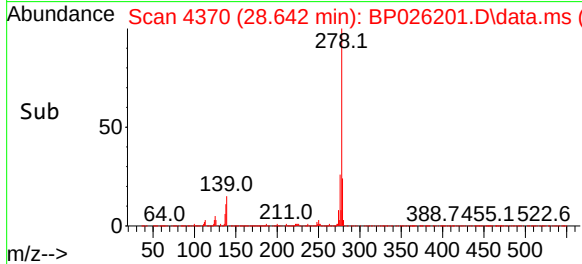
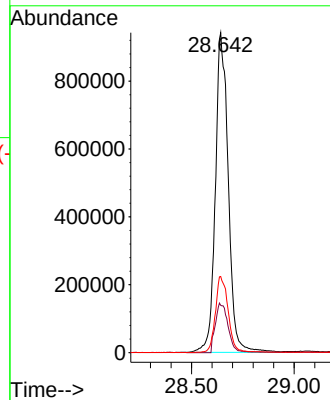
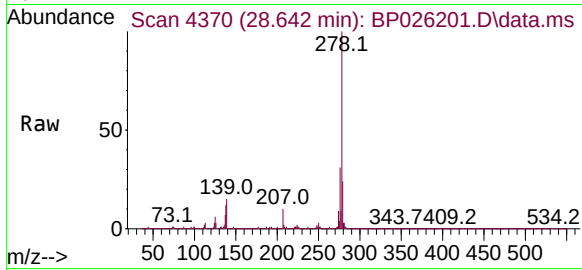




#91
Dibenzo(a,h)anthracene
Concen: 50.760 ng
RT: 28.642 min Scan# 4384
Delta R.T. -0.153 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

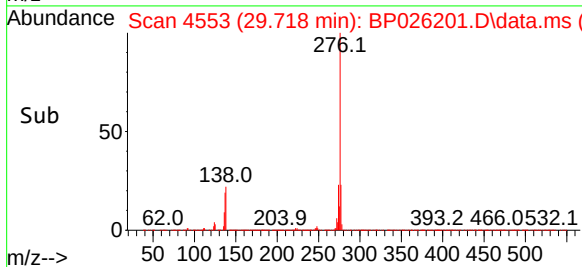
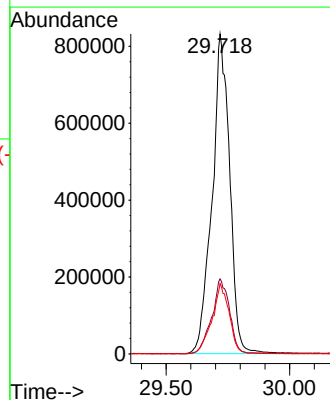
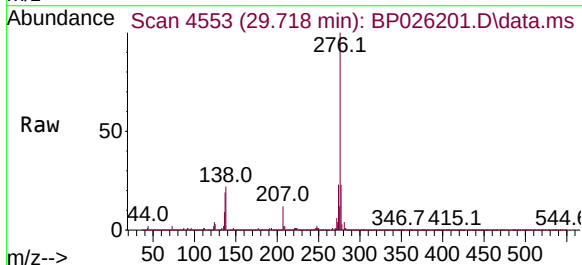
Instrument :
BNA_P
ClientSampleId :
SB-1125-15BMS

Tgt Ion:278 Resp: 4124078
Ion Ratio Lower Upper
278 100
139 14.8 13.2 19.8
279 23.8 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 50.992 ng
RT: 29.718 min Scan# 4553
Delta R.T. -0.164 min
Lab File: BP026201.D
Acq: 01 Dec 2025 17:51

Tgt Ion:276 Resp: 4117869
Ion Ratio Lower Upper
276 100
277 23.4 18.8 28.2
138 22.0 17.8 26.6



Report of Analysis

Client: Roman E&G Corp	Date Collected: 11/25/25	
Project: MCUA - New Brunswick	Date Received: 11/25/25	
Client Sample ID: SB-1125-15BMSD	SDG No.: Q3604	
Lab Sample ID: Q3719-10MSD	Matrix: SOIL	
Analytical Method: 8270E	% Solid: 89.4	
Sample Wt/Vol: 30.05 g	Test: SVOC-TCL BNA -20	
Prep Method : SW3541		
Level: LOW		
Final Vol: 1000 uL		
Prep Date: 11/25/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	1200		1	170	370	ug/Kg	12/01/25 18:40	PB170735
108-95-2	Phenol	1700		1	24.7	190	ug/Kg	12/01/25 18:40	PB170735
111-44-4	bis(2-Chloroethyl)ether	1700		1	27.1	190	ug/Kg	12/01/25 18:40	PB170735
95-57-8	2-Chlorophenol	1700		1	27.2	190	ug/Kg	12/01/25 18:40	PB170735
95-48-7	2-Methylphenol	1700		1	33.4	190	ug/Kg	12/01/25 18:40	PB170735
108-60-1	2,2-oxybis(1-Chloropropane)	1700		1	41.9	190	ug/Kg	12/01/25 18:40	PB170735
98-86-2	Acetophenone	1800		1	32.9	190	ug/Kg	12/01/25 18:40	PB170735
65794-96-9	3+4-Methylphenols	1600		1	45.9	370	ug/Kg	12/01/25 18:40	PB170735
621-64-7	n-Nitroso-di-n-propylamine	1600		1	52.9	89.3	ug/Kg	12/01/25 18:40	PB170735
67-72-1	Hexachloroethane	1800		1	19.7	190	ug/Kg	12/01/25 18:40	PB170735
98-95-3	Nitrobenzene	1800		1	20.4	190	ug/Kg	12/01/25 18:40	PB170735
78-59-1	Isophorone	1700		1	36.6	190	ug/Kg	12/01/25 18:40	PB170735
88-75-5	2-Nitrophenol	1800		1	65.0	190	ug/Kg	12/01/25 18:40	PB170735
105-67-9	2,4-Dimethylphenol	1700		1	72.4	190	ug/Kg	12/01/25 18:40	PB170735
111-91-1	bis(2-Chloroethoxy)methane	1700		1	34.4	190	ug/Kg	12/01/25 18:40	PB170735
120-83-2	2,4-Dichlorophenol	1800		1	31.6	190	ug/Kg	12/01/25 18:40	PB170735
91-20-3	Naphthalene	1700		1	25.3	190	ug/Kg	12/01/25 18:40	PB170735
106-47-8	4-Chloroaniline	790		1	39.5	190	ug/Kg	12/01/25 18:40	PB170735
87-68-3	Hexachlorobutadiene	1900		1	28.3	190	ug/Kg	12/01/25 18:40	PB170735
105-60-2	Caprolactam	1500		1	58.2	370	ug/Kg	12/01/25 18:40	PB170735
59-50-7	4-Chloro-3-methylphenol	1600		1	32.0	190	ug/Kg	12/01/25 18:40	PB170735
91-57-6	2-Methylnaphthalene	1500		1	28.6	190	ug/Kg	12/01/25 18:40	PB170735
77-47-4	Hexachlorocyclopentadiene	3800	E	1	130	370	ug/Kg	12/01/25 18:40	PB170735
88-06-2	2,4,6-Trichlorophenol	1900		1	22.1	190	ug/Kg	12/01/25 18:40	PB170735
95-95-4	2,4,5-Trichlorophenol	1800		1	32.5	190	ug/Kg	12/01/25 18:40	PB170735
92-52-4	1,1-Biphenyl	1900		1	24.3	190	ug/Kg	12/01/25 18:40	PB170735
91-58-7	2-Chloronaphthalene	1800		1	25.1	190	ug/Kg	12/01/25 18:40	PB170735
88-74-4	2-Nitroaniline	1800		1	53.7	190	ug/Kg	12/01/25 18:40	PB170735
131-11-3	Dimethylphthalate	1700		1	30.3	190	ug/Kg	12/01/25 18:40	PB170735
208-96-8	Acenaphthylene	1800		1	32.3	190	ug/Kg	12/01/25 18:40	PB170735
606-20-2	2,6-Dinitrotoluene	1900		1	37.5	190	ug/Kg	12/01/25 18:40	PB170735
99-09-2	3-Nitroaniline	1000		1	51.4	190	ug/Kg	12/01/25 18:40	PB170735
83-32-9	Acenaphthene	1800		1	23.8	190	ug/Kg	12/01/25 18:40	PB170735
51-28-5	2,4-Dinitrophenol	3600	E	1	260	370	ug/Kg	12/01/25 18:40	PB170735
100-02-7	4-Nitrophenol	3200	E	1	120	370	ug/Kg	12/01/25 18:40	PB170735
132-64-9	Dibenzofuran	1800		1	25.3	190	ug/Kg	12/01/25 18:40	PB170735
121-14-2	2,4-Dinitrotoluene	1700		1	55.9	190	ug/Kg	12/01/25 18:40	PB170735
84-66-2	Diethylphthalate	1800		1	31.6	190	ug/Kg	12/01/25 18:40	PB170735
7005-72-3	4-Chlorophenyl-phenylether	1800		1	29.8	190	ug/Kg	12/01/25 18:40	PB170735
86-73-7	Fluorene	1800		1	28.3	190	ug/Kg	12/01/25 18:40	PB170735
100-01-6	4-Nitroaniline	1400		1	71.7	190	ug/Kg	12/01/25 18:40	PB170735
534-52-1	4,6-Dinitro-2-methylphenol	1800		1	120	370	ug/Kg	12/01/25 18:40	PB170735



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

Report of Analysis

Client:	Roman E&G Corp	Date Collected:	11/25/25
Project:	MCUA - New Brunswick	Date Received:	11/25/25
Client Sample ID:	SB-1125-15BMSD	SDG No.:	Q3604
Lab Sample ID:	Q3719-10MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	89.4
Sample Wt/Vol:	30.05 g	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541		
	Level: LOW		
	Final Vol: 1000 uL		
	Prep Date: 11/25/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	1900		1	36.7	190	ug/Kg	12/01/25 18:40	PB170735
101-55-3	4-Bromophenyl-phenylether	1900		1	31.0	190	ug/Kg	12/01/25 18:40	PB170735
118-74-1	Hexachlorobenzene	1900		1	28.3	190	ug/Kg	12/01/25 18:40	PB170735
1912-24-9	Atrazine	1800		1	38.0	190	ug/Kg	12/01/25 18:40	PB170735
87-86-5	Pentachlorophenol	3700	E	1	57.3	370	ug/Kg	12/01/25 18:40	PB170735
85-01-8	Phenanthrene	1900		1	23.3	190	ug/Kg	12/01/25 18:40	PB170735
120-12-7	Anthracene	1800		1	37.2	190	ug/Kg	12/01/25 18:40	PB170735
86-74-8	Carbazole	1800		1	34.8	190	ug/Kg	12/01/25 18:40	PB170735
84-74-2	Di-n-butylphthalate	1900		1	53.5	190	ug/Kg	12/01/25 18:40	PB170735
206-44-0	Fluoranthene	1900		1	33.5	190	ug/Kg	12/01/25 18:40	PB170735
129-00-0	Pyrene	1800		1	40.2	190	ug/Kg	12/01/25 18:40	PB170735
85-68-7	Butylbenzylphthalate	1800		1	79.7	190	ug/Kg	12/01/25 18:40	PB170735
91-94-1	3,3-Dichlorobenzidine	1300		1	41.0	370	ug/Kg	12/01/25 18:40	PB170735
56-55-3	Benzo(a)anthracene	1900		1	25.7	190	ug/Kg	12/01/25 18:40	PB170735
218-01-9	Chrysene	1900		1	22.2	190	ug/Kg	12/01/25 18:40	PB170735
117-81-7	Bis(2-ethylhexyl)phthalate	1800		1	66.1	190	ug/Kg	12/01/25 18:40	PB170735
117-84-0	Di-n-octyl phthalate	1800		1	96.9	370	ug/Kg	12/01/25 18:40	PB170735
205-99-2	Benzo(b)fluoranthene	1900		1	21.2	190	ug/Kg	12/01/25 18:40	PB170735
207-08-9	Benzo(k)fluoranthene	1900		1	25.0	190	ug/Kg	12/01/25 18:40	PB170735
50-32-8	Benzo(a)pyrene	1900		1	32.9	190	ug/Kg	12/01/25 18:40	PB170735
193-39-5	Indeno(1,2,3-cd)pyrene	1900		1	32.5	190	ug/Kg	12/01/25 18:40	PB170735
53-70-3	Dibenzo(a,h)anthracene	1900		1	30.6	190	ug/Kg	12/01/25 18:40	PB170735
191-24-2	Benzo(g,h,i)perylene	1900		1	28.7	190	ug/Kg	12/01/25 18:40	PB170735
95-94-3	1,2,4,5-Tetrachlorobenzene	2000		1	28.6	190	ug/Kg	12/01/25 18:40	PB170735
123-91-1	1,4-Dioxane	1600		1	50.5	190	ug/Kg	12/01/25 18:40	PB170735
58-90-2	2,3,4,6-Tetrachlorophenol	1800		1	30.6	190	ug/Kg	12/01/25 18:40	PB170735

SURROGATES

367-12-4	2-Fluorophenol	62.3			30 (10) - 130 (105)	42%	SPK: 150
13127-88-3	Phenol-d6	60.3			30 (10) - 130 (103)	40%	SPK: 150
4165-60-0	Nitrobenzene-d5	42.9			30 (10) - 130 (108)	43%	SPK: 100
321-60-8	2-Fluorobiphenyl	43.2			30 (10) - 130 (108)	43%	SPK: 100
118-79-6	2,4,6-Tribromophenol	60.3			30 (10) - 130 (116)	40%	SPK: 150
1718-51-0	Terphenyl-d14	40.4			30 (10) - 130 (109)	40%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	223000
1146-65-2	Naphthalene-d8	846000
15067-26-2	Acenaphthene-d10	491000
1517-22-2	Phenanthrene-d10	903000
1719-03-5	Chrysene-d12	1040000
1520-96-3	Perylene-d12	1290000



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

Report of Analysis

Client:	Roman E&G Corp	Date Collected:	11/25/25
Project:	MCUA - New Brunswick	Date Received:	11/25/25
Client Sample ID:	SB-1125-15BMDS	SDG No.:	Q3604
Lab Sample ID:	Q3719-10MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	89.4
	Level: LOW	Test:	SVOC-TCL BNA -20
Sample Wt/Vol:	30.05 g		
	Final Vol: 1000 uL		
Prep Method :	SW3541		
	Prep Date: 11/25/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

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\BP120125\
 Data File : BP026202.D
 Acq On : 01 Dec 2025 18:40
 Operator : RC/JU
 Sample : Q3719-10MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-1125-15BMSD

Quant Time: Dec 02 00:29:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 01:25:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.637	152	222842	20.000	ng	-0.04
21) Naphthalene-d8	10.401	136	845732	20.000	ng	-0.05
39) Acenaphthene-d10	14.277	164	491065	20.000	ng	-0.05
64) Phenanthrene-d10	17.101	188	902556	20.000	ng	-0.03
76) Chrysene-d12	21.536	240	1043295	20.000	ng	-0.04
86) Perylene-d12	24.824	264	1293508	20.000	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.260	112	865199	62.319	ng	-0.03
7) Phenol-d6	6.813	99	1065324	60.274	ng	-0.04
23) Nitrobenzene-d5	8.766	82	638500	42.884	ng	-0.05
42) 2,4,6-Tribromophenol	15.813	330	384407	60.344	ng	-0.02
45) 2-Fluorobiphenyl	12.878	172	1447177	43.191	ng	-0.05
79) Terphenyl-d14	19.836	244	2066748	40.393	ng	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.202	88	248683	44.162	ng	98
3) Pyridine	3.590	79	643036	39.513	ng	99
4) n-Nitrosodimethylamine	3.502	42	294846	48.477	ng	91
6) Aniline	6.966	93	557973	23.910	ng	99
8) 2-Chlorophenol	7.207	128	740022	46.828	ng	99
9) Benzaldehyde	6.784	77	295547	31.908	ng	98
10) Phenol	6.837	94	856649	44.991	ng	97
11) bis(2-Chloroethyl)ether	7.060	93	669977	44.940	ng	97
12) 1,3-Dichlorobenzene	7.525	146	832806	48.915	ng	99
13) 1,4-Dichlorobenzene	7.672	146	836181	48.740	ng	99
14) 1,2-Dichlorobenzene	7.978	146	805475	48.894	ng	99
15) Benzyl Alcohol	7.866	79	577420	44.593	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.154	45	950350	45.390	ng	100
17) 2-Methylphenol	8.072	107	582882	44.970	ng	99
18) Hexachloroethane	8.701	117	299224	47.936	ng	98
19) n-Nitroso-di-n-propyla...	8.425	70	472913	43.069	ng	97
20) 3+4-Methylphenols	8.395	107	774081	43.098	ng	98
22) Acetophenone	8.442	105	1031555	47.987	ng	99
24) Nitrobenzene	8.813	77	720827	47.861	ng	100
25) Isophorone	9.342	82	1314608	44.537	ng	100
26) 2-Nitrophenol	9.519	139	367801	48.262	ng	97
27) 2,4-Dimethylphenol	9.589	122	630433	45.876	ng	99
28) bis(2-Chloroethoxy)met...	9.813	93	848124	45.879	ng	100
29) 2,4-Dichlorophenol	10.054	162	651652	47.445	ng	99
30) 1,2,4-Trichlorobenzene	10.272	180	730642	52.240	ng	99
31) Naphthalene	10.448	128	2147731	46.989	ng	99
32) Benzoic acid	9.707	122	448609	38.765	ng	99
33) 4-Chloroaniline	10.554	127	411341	21.162	ng	99
34) Hexachlorobutadiene	10.742	225	466143	51.245	ng	99
35) Caprolactam	11.336	113	193449	39.334	ng	100
36) 4-Chloro-3-methylphenol	11.695	107	640441	43.871	ng	98
37) 2-Methylnaphthalene	12.072	142	1341389	41.396	ng	99
38) 1-Methylnaphthalene	12.295	142	1399643	44.192	ng	99
40) 1,2,4,5-Tetrachloroben...	12.448	216	783446	52.763	ng	99
41) Hexachlorocyclopentadiene	12.436	237	1001313	103.039	ng	98
43) 2,4,6-Trichlorophenol	12.695	196	507742	49.878	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120125\
 Data File : BP026202.D
 Acq On : 01 Dec 2025 18:40
 Operator : RC/JU
 Sample : Q3719-10MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-1125-15BMSD

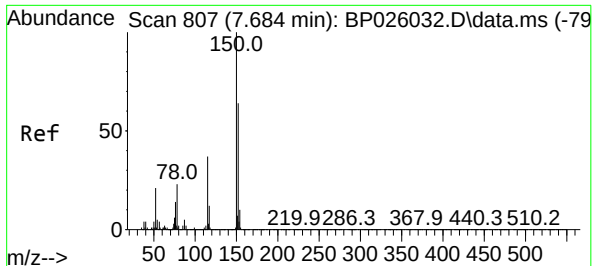
Quant Time: Dec 02 00:29:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 01:25:31 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.766	196	556341	48.961	ng	100
46) 1,1'-Biphenyl	13.101	154	1845916	49.921	ng	100
47) 2-Chloronaphthalene	13.136	162	1437914	49.452	ng	100
48) 2-Nitroaniline	13.348	65	380188	47.019	ng	95
49) Acenaphthylene	14.001	152	2372463	49.466	ng	100
50) Dimethylphthalate	13.742	163	1716045	46.788	ng	100
51) 2,6-Dinitrotoluene	13.848	165	364844	50.202	ng	100
52) Acenaphthene	14.348	154	1339975	47.674	ng	98
53) 3-Nitroaniline	14.177	138	231908	27.102	ng	98
54) 2,4-Dinitrophenol	14.389	184	425617	97.018	ng	92
55) Dibenzofuran	14.701	168	2067244	47.486	ng	99
56) 4-Nitrophenol	14.501	139	660774	85.360	ng	95
57) 2,4-Dinitrotoluene	14.648	165	505295	46.565	ng	99
58) Fluorene	15.360	166	1646773	47.858	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.924	232	468980	48.650	ng	100
60) Diethylphthalate	15.130	149	1801490	48.758	ng	100
61) 4-Chlorophenyl-phenyle...	15.354	204	826679	48.285	ng	99
62) 4-Nitroaniline	15.377	138	331015	37.253	ng	97
63) Azobenzene	15.654	77	1557769	50.003	ng	99
65) 4,6-Dinitro-2-methylph...	15.436	198	283125	49.378	ng	99
66) n-Nitrosodiphenylamine	15.566	169	1430410	51.233	ng	99
67) 4-Bromophenyl-phenylether	16.271	248	519059	51.929	ng	99
68) Hexachlorobenzene	16.383	284	593459	51.166	ng	99
69) Atrazine	16.560	200	514429	48.862	ng	98
70) Pentachlorophenol	16.742	266	800085	98.613	ng	99
71) Phenanthrene	17.142	178	2557324	50.298	ng	100
72) Anthracene	17.230	178	2523464	48.662	ng	100
73) Carbazole	17.518	167	2354571	47.805	ng	99
74) Di-n-butylphthalate	18.118	149	2911527	49.862	ng	99
75) Fluoranthene	19.236	202	3160121	51.156	ng	99
77) Benzidine	19.430	184	1010085	30.507	ng	99
78) Pyrene	19.618	202	3319084	48.520	ng	100
80) Butylbenzylphthalate	20.577	149	1442210	47.873	ng	99
81) Benzo(a)anthracene	21.518	228	3581129	49.979	ng	100
82) 3,3'-Dichlorobenzidine	21.442	252	884166	33.933	ng	99
83) Chrysene	21.583	228	3394993	50.276	ng	100
84) Bis(2-ethylhexyl)phtha...	21.483	149	2166021	47.497	ng	99
85) Di-n-octyl phthalate	22.753	149	3908126	49.010	ng	99
87) Indeno(1,2,3-cd)pyrene	28.571	276	5079022	52.356	ng	99
88) Benzo(b)fluoranthene	23.795	252	3994681	50.711	ng	99
89) Benzo(k)fluoranthene	23.865	252	3938879	50.063	ng	99
90) Benzo(a)pyrene	24.671	252	3903195	52.311	ng	100
91) Dibenzo(a,h)anthracene	28.653	278	4106013	51.705	ng	99
92) Benzo(g,h,i)perylene	29.730	276	4101991	51.970	ng	99

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

Instrument :
BNA_P
ClientSampleId :
SB-1125-15BMSD

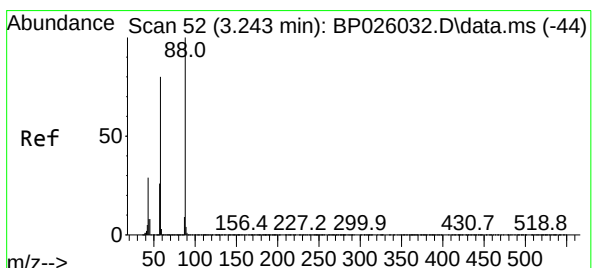
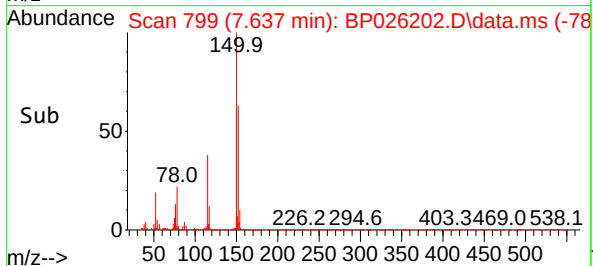
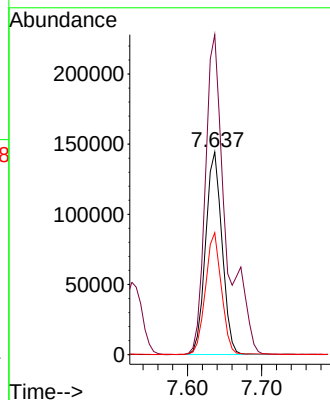
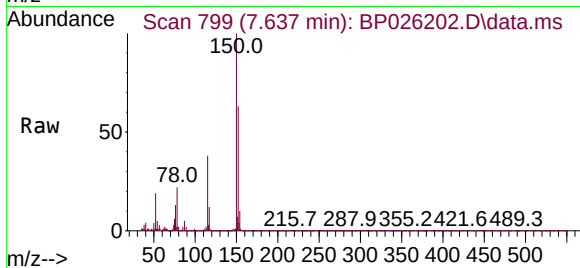
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.637 min Scan# 79
 Delta R.T. -0.035 min
 Lab File: BP026202.D
 Acq: 01 Dec 2025 18:40

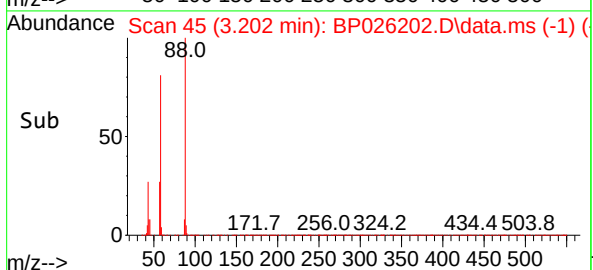
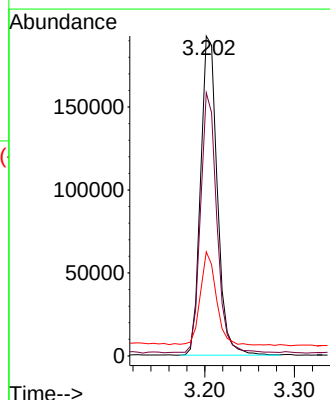
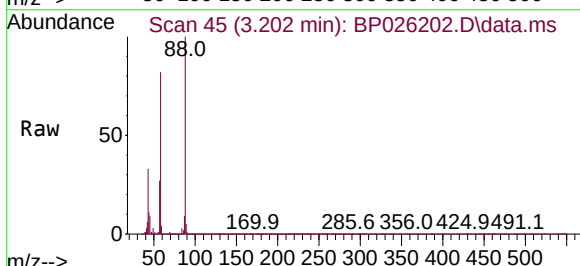
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 SB-1125-15BMSD

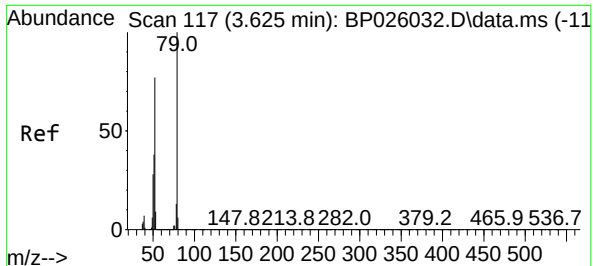
Tgt Ion:152 Resp: 222842
 Ion Ratio Lower Upper
 152 100
 150 157.9 123.0 184.6
 115 60.1 46.3 69.5



#2
 1,4-Dioxane
 Concen: 44.162 ng
 RT: 3.202 min Scan# 45
 Delta R.T. -0.024 min
 Lab File: BP026202.D
 Acq: 01 Dec 2025 18:40

Tgt Ion: 88 Resp: 248683
 Ion Ratio Lower Upper
 88 100
 58 78.9 64.2 96.4
 43 27.7 21.5 32.3

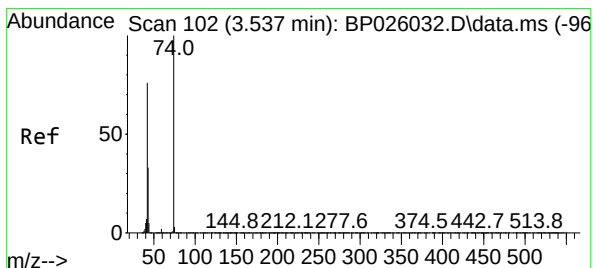
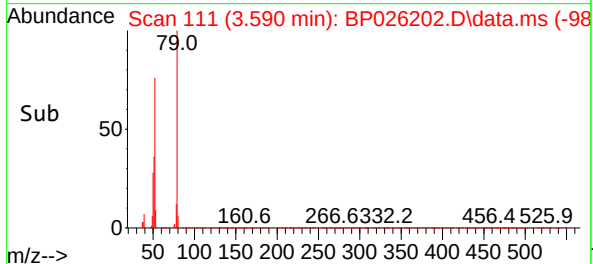
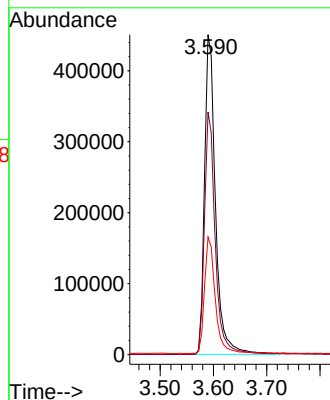
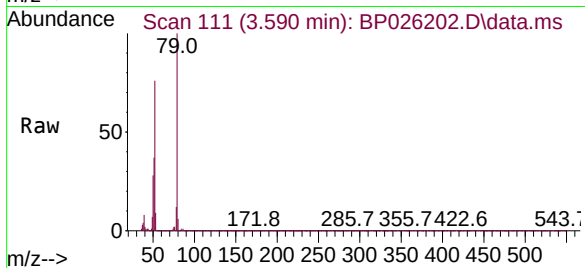




#3
Pyridine
Concen: 39.513 ng
RT: 3.590 min Scan# 11
Delta R.T. -0.024 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

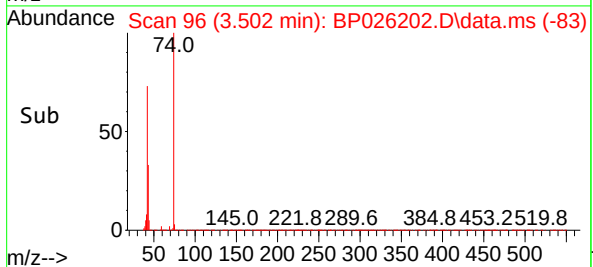
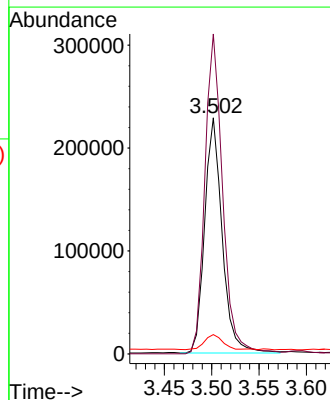
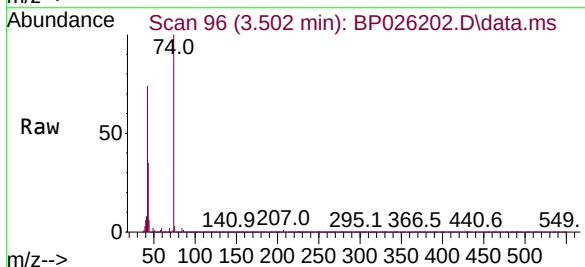
Instrument :
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ClientSampleId :
SB-1125-15BMSD

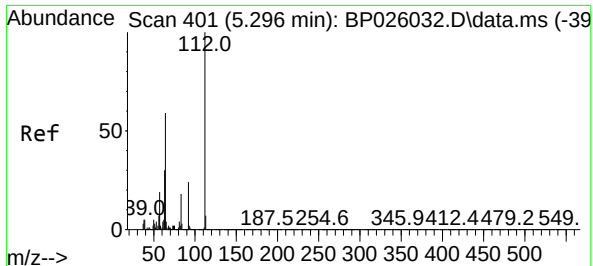
Tgt Ion: 79 Resp: 643036
Ion Ratio Lower Upper
79 100
52 75.8 60.2 90.2
51 36.7 29.5 44.3



#4
n-Nitrosodimethylamine
Concen: 48.477 ng
RT: 3.502 min Scan# 96
Delta R.T. -0.024 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion: 42 Resp: 294846
Ion Ratio Lower Upper
42 100
74 135.6 118.1 177.1
44 8.2 6.2 9.4

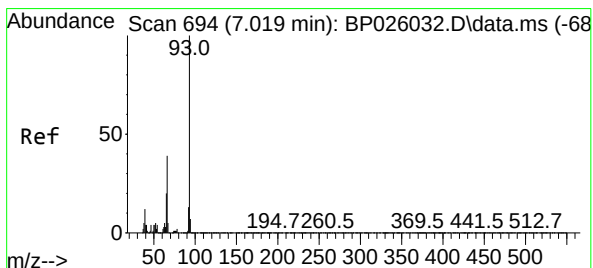
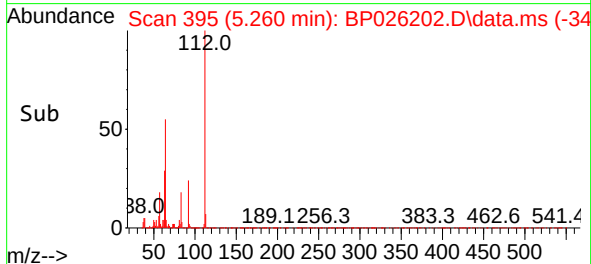
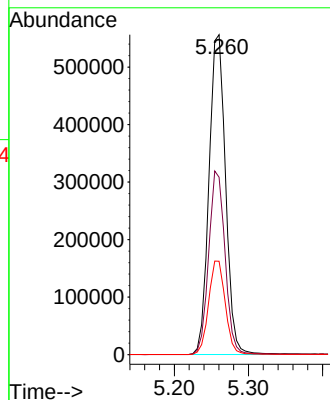
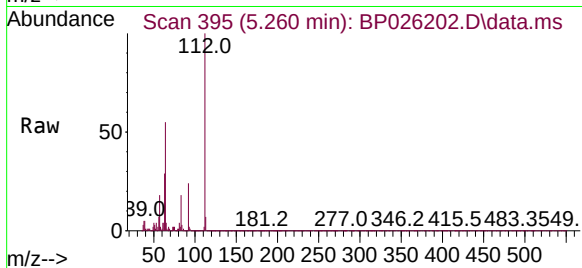




#5
2-Fluorophenol
Concen: 62.319 ng
RT: 5.260 min Scan# 39
Delta R.T. -0.030 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

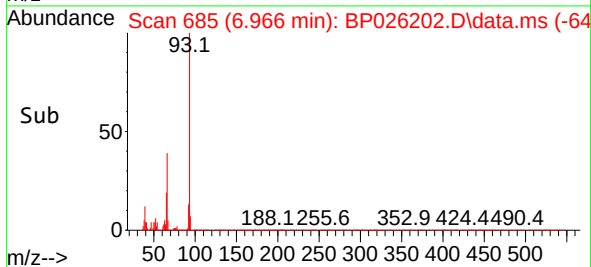
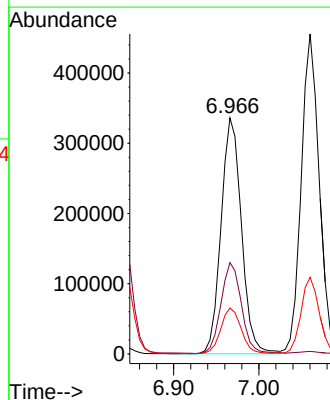
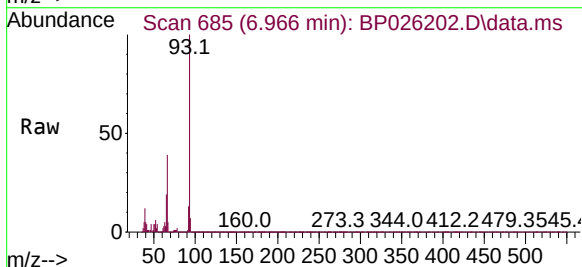
Instrument :
BNA_P
ClientSampleId :
SB-1125-15BMSD

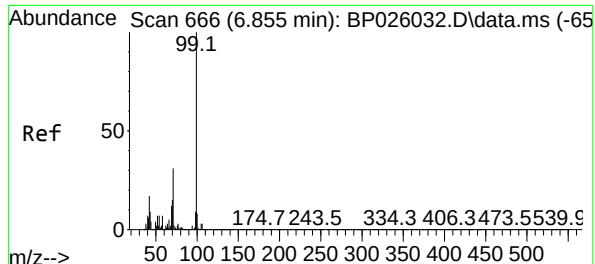
Tgt Ion:112 Resp: 865199
Ion Ratio Lower Upper
112 100
64 55.4 45.8 68.6
63 29.2 23.5 35.3



#6
Aniline
Concen: 23.910 ng
RT: 6.966 min Scan# 685
Delta R.T. -0.035 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion: 93 Resp: 557973
Ion Ratio Lower Upper
93 100
66 38.7 31.7 47.5
65 19.4 15.8 23.6



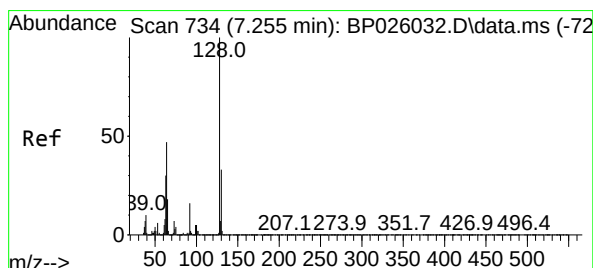
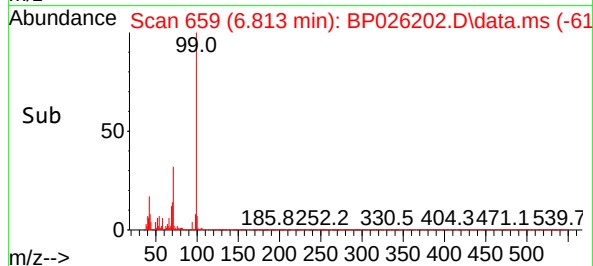
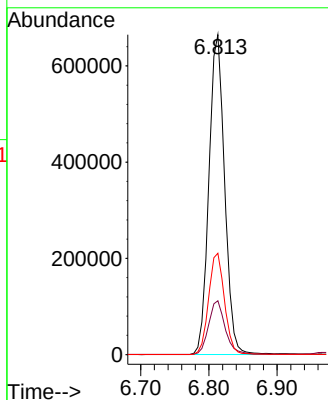
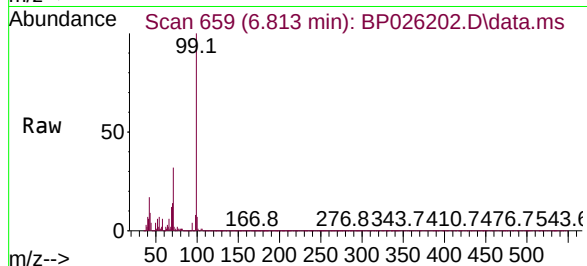


#7
Phenol-d6
Concen: 60.274 ng
RT: 6.813 min Scan# 61
Delta R.T. -0.041 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Instrument :
BNA_P
ClientSampleId :
SB-1125-15BMSD

Tgt Ion: 99 Resp: 1065324

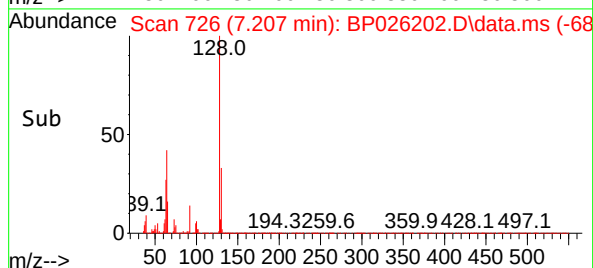
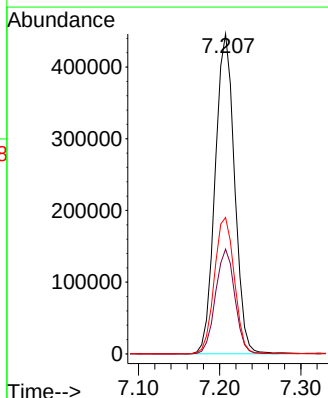
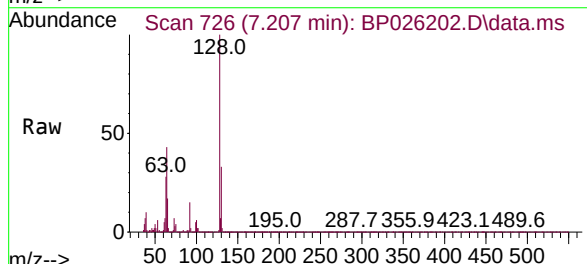
Ion	Ratio	Lower	Upper
99	100		
42	16.8	12.9	19.3
71	31.7	24.8	37.2

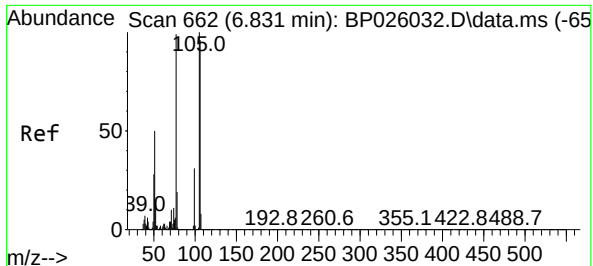


#8
2-Chlorophenol
Concen: 46.828 ng
RT: 7.207 min Scan# 726
Delta R.T. -0.035 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion: 128 Resp: 740022

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.4	52.4
64	42.6	23.9	63.9

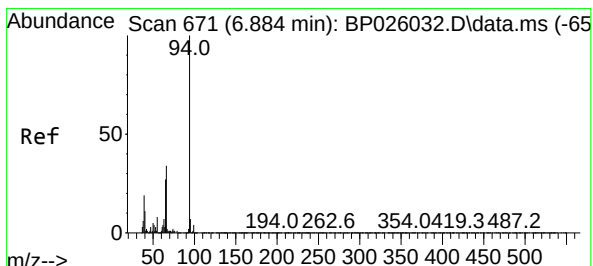
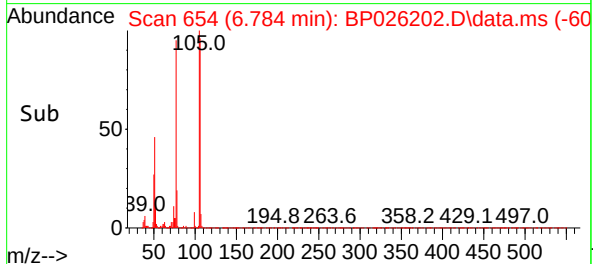
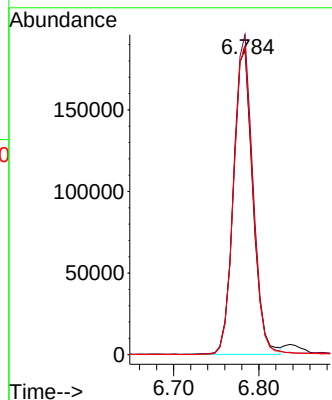
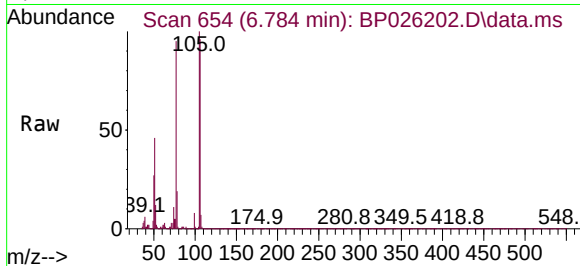




#9
Benzaldehyde
Concen: 31.908 ng
RT: 6.784 min Scan# 61
Delta R.T. -0.035 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

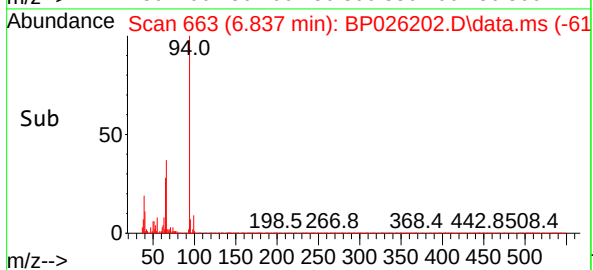
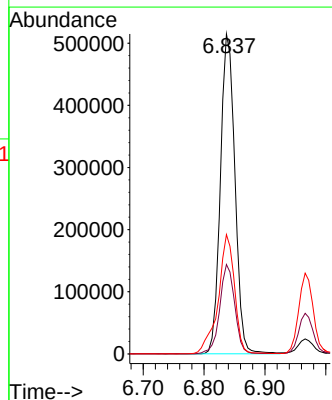
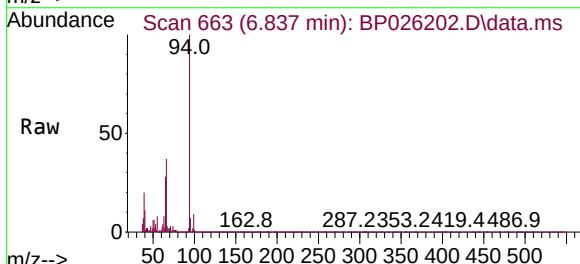
Instrument :
BNA_P
ClientSampleId :
SB-1125-15BMSD

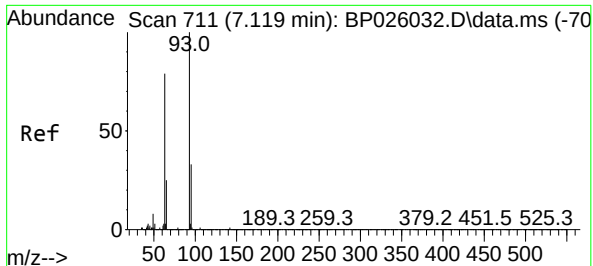
Tgt Ion: 77 Resp: 295547
Ion Ratio Lower Upper
77 100
105 104.8 82.9 122.9
106 100.6 77.8 117.8



#10
Phenol
Concen: 44.991 ng
RT: 6.837 min Scan# 663
Delta R.T. -0.041 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion: 94 Resp: 856649
Ion Ratio Lower Upper
94 100
65 27.9 7.0 47.0
66 37.3 14.5 54.5

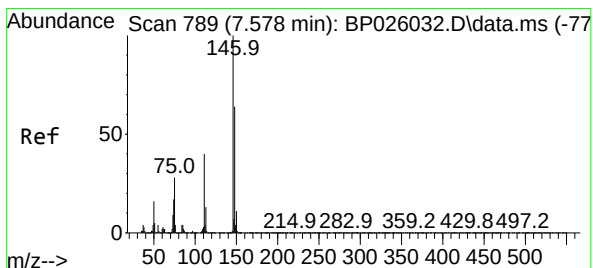
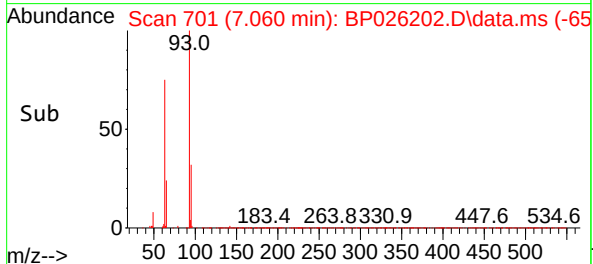
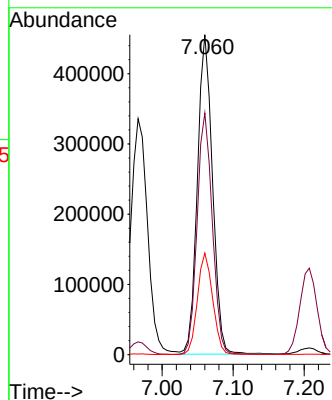
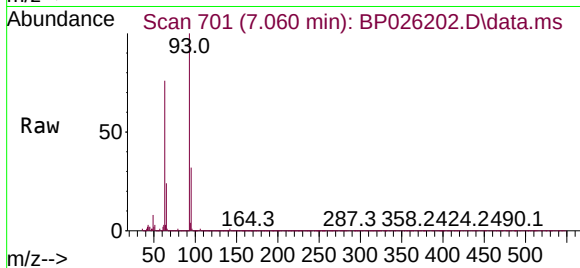




#11
bis(2-Chloroethyl)ether
Concen: 44.940 ng
RT: 7.060 min Scan# 70
Delta R.T. -0.035 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

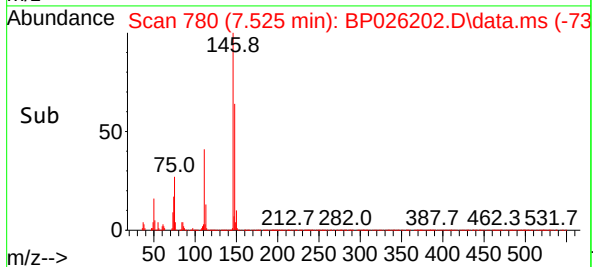
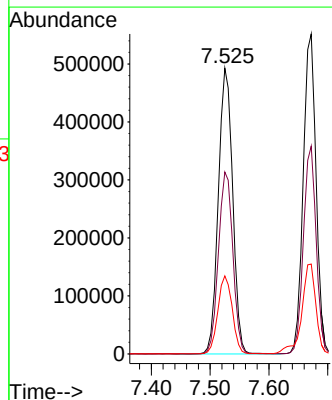
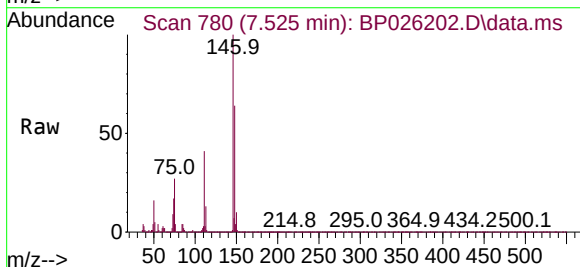
Instrument :
BNA_P
ClientSampleId :
SB-1125-15BMSD

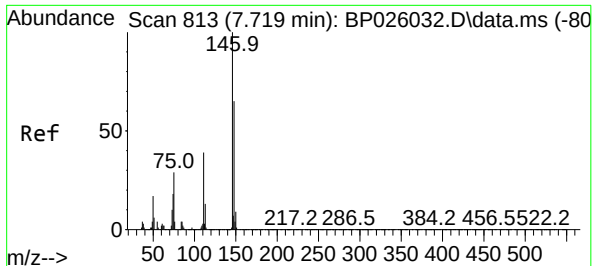
Tgt Ion: 93 Resp: 669977
Ion Ratio Lower Upper
93 100
63 75.5 58.8 98.8
95 31.8 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 48.915 ng
RT: 7.525 min Scan# 780
Delta R.T. -0.041 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion: 146 Resp: 832806
Ion Ratio Lower Upper
146 100
148 63.6 51.8 77.8
75 27.3 22.2 33.2





#13

1,4-Dichlorobenzene

Concen: 48.740 ng

RT: 7.672 min Scan# 80

Delta R.T. -0.030 min

Lab File: BP026202.D

Acq: 01 Dec 2025 18:40

Instrument :

BNA_P

ClientSampleId :

SB-1125-15BMSD

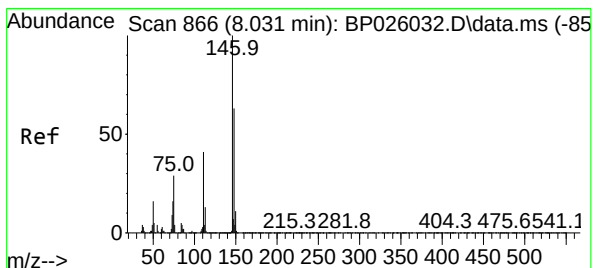
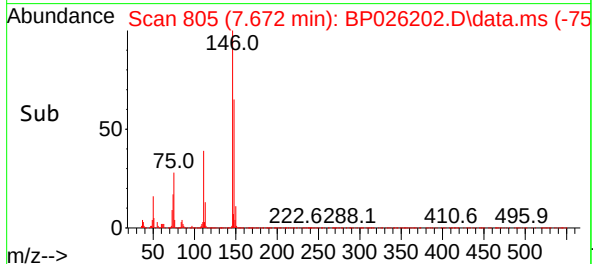
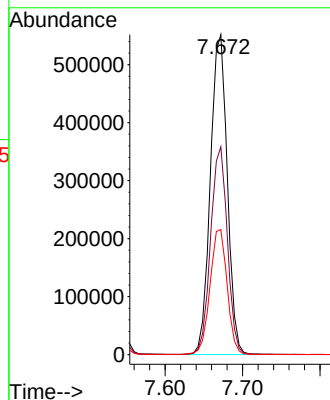
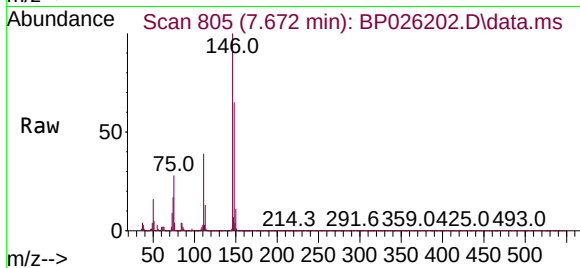
Tgt Ion:146 Resp: 836181

Ion Ratio Lower Upper

146 100

148 64.9 51.4 77.2

111 39.1 31.7 47.5



#14

1,2-Dichlorobenzene

Concen: 48.894 ng

RT: 7.978 min Scan# 857

Delta R.T. -0.035 min

Lab File: BP026202.D

Acq: 01 Dec 2025 18:40

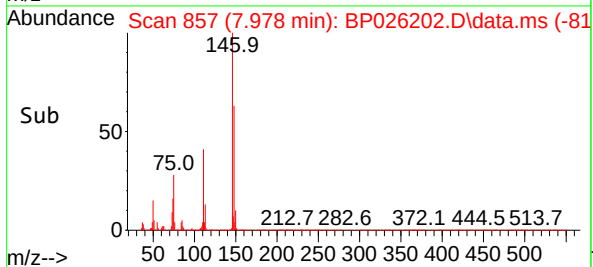
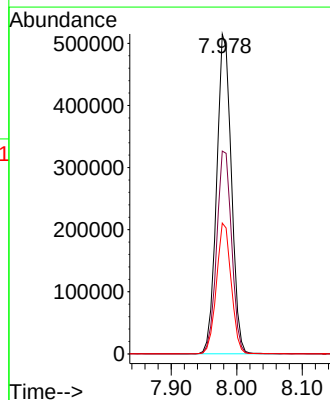
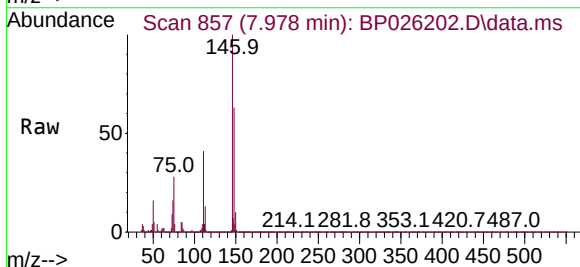
Tgt Ion:146 Resp: 805475

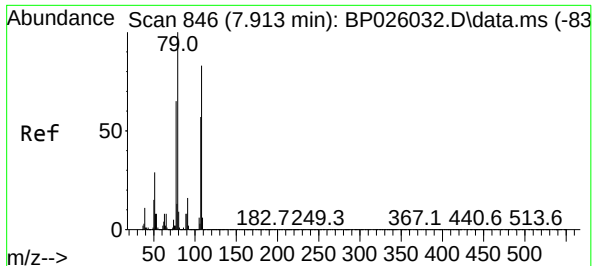
Ion Ratio Lower Upper

146 100

148 63.4 51.0 76.6

111 40.9 33.0 49.4

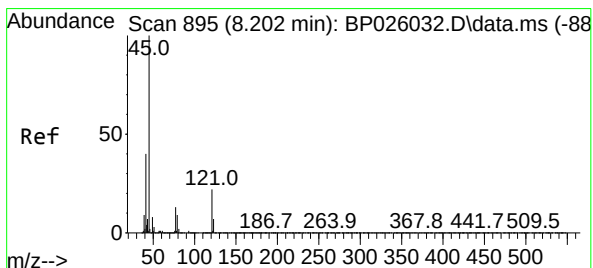
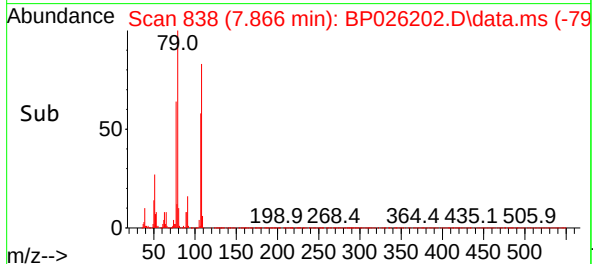
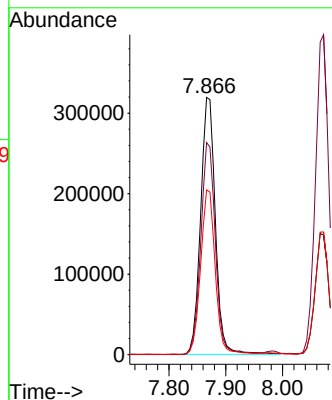
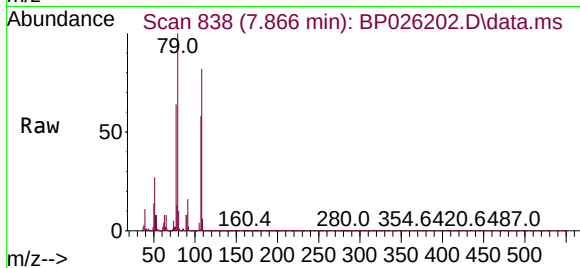




#15
Benzyl Alcohol
Concen: 44.593 ng
RT: 7.866 min Scan# 846
Delta R.T. -0.041 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

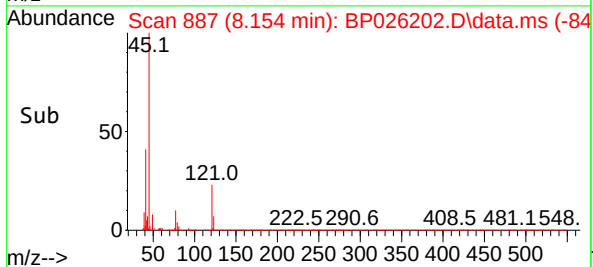
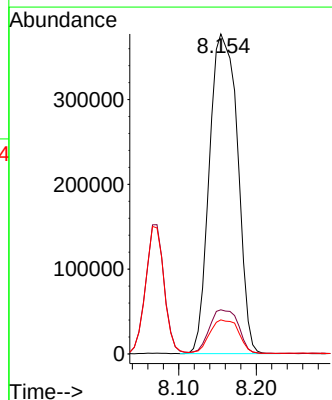
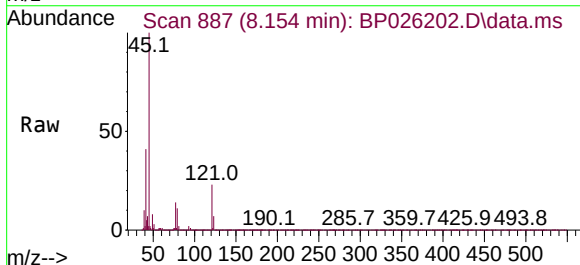
Instrument :
BNA_P
ClientSampleId :
SB-1125-15BMSD

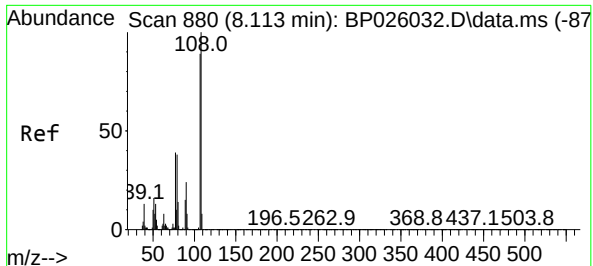
Tgt Ion: 79 Resp: 577420
Ion Ratio Lower Upper
79 100
108 82.5 66.2 99.4
77 64.0 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.390 ng
RT: 8.154 min Scan# 887
Delta R.T. -0.041 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion: 45 Resp: 950350
Ion Ratio Lower Upper
45 100
77 13.8 0.0 33.9
79 10.6 0.0 30.4

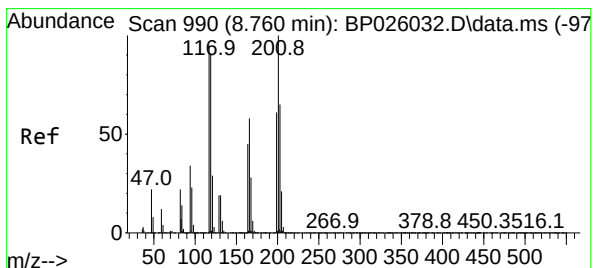
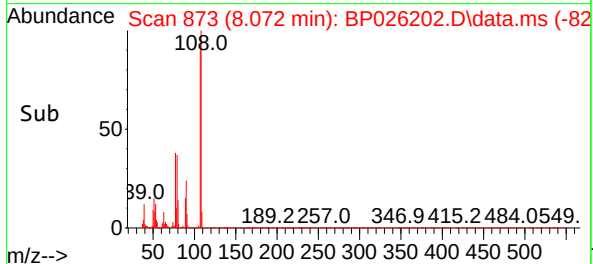
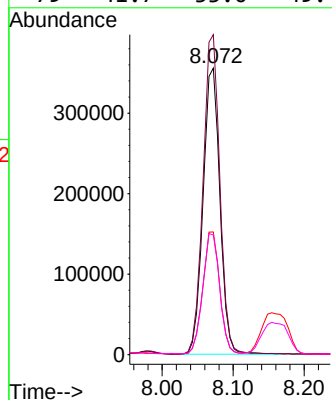
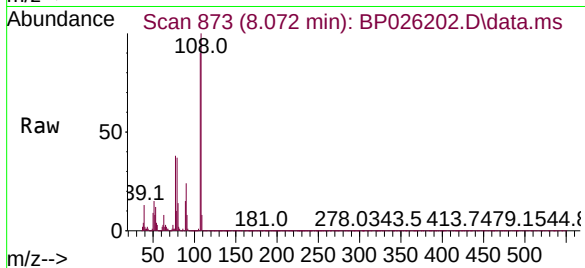




#17
2-Methylphenol
Concen: 44.970 ng
RT: 8.072 min Scan# 81
Delta R.T. -0.041 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

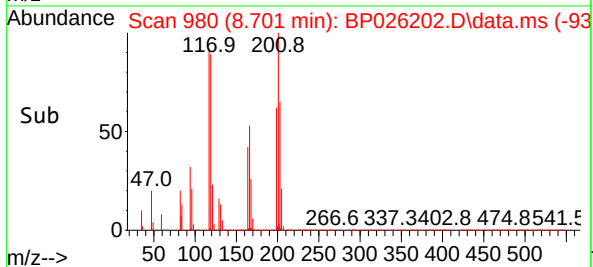
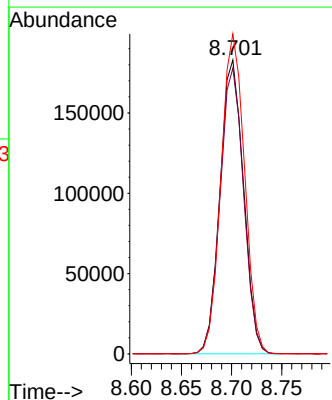
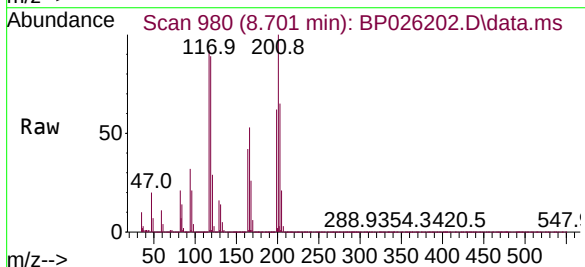
Instrument :
BNA_P
ClientSampleId :
SB-1125-15BMSD

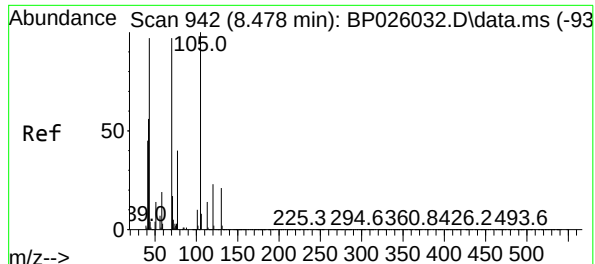
Tgt Ion:107 Resp: 582882
Ion Ratio Lower Upper
107 100
108 111.7 89.7 134.5
77 42.8 33.9 50.9
79 41.7 33.0 49.4



#18
Hexachloroethane
Concen: 47.936 ng
RT: 8.701 min Scan# 980
Delta R.T. -0.041 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion:117 Resp: 299224
Ion Ratio Lower Upper
117 100
119 97.2 78.7 118.1
201 108.9 85.1 127.7





#19

n-Nitroso-di-n-propylamine

Concen: 43.069 ng

RT: 8.425 min Scan# 91

Delta R.T. -0.047 min

Lab File: BP026202.D

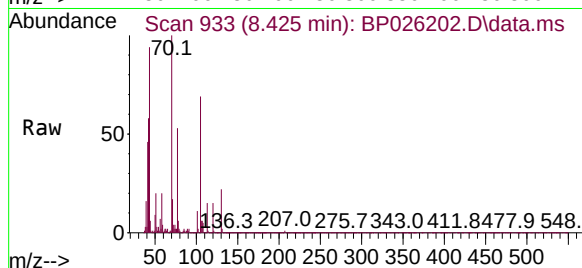
Acq: 01 Dec 2025 18:40

Instrument :

BNA_P

ClientSampleId :

SB-1125-15BMSD



Tgt Ion: 70 Resp: 472913

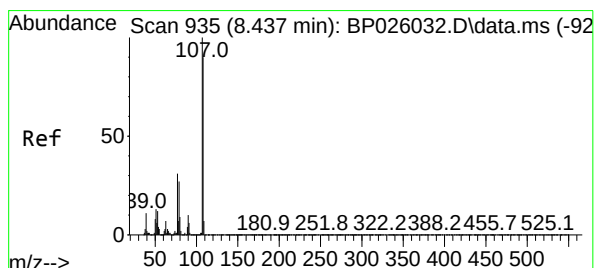
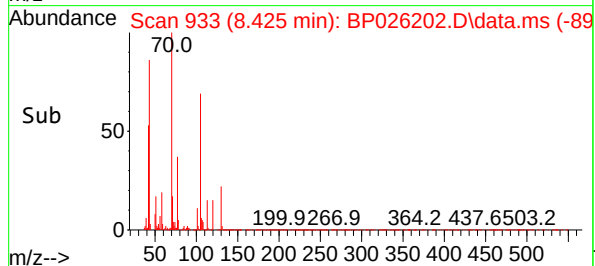
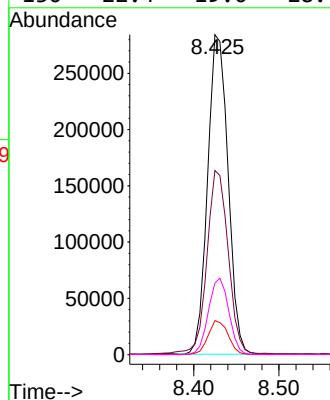
Ion Ratio Lower Upper

70 100

42 57.5 44.1 66.1

101 10.6 8.2 12.4

130 22.4 19.0 28.4



#20

3+4-Methylphenols

Concen: 43.098 ng

RT: 8.395 min Scan# 928

Delta R.T. -0.041 min

Lab File: BP026202.D

Acq: 01 Dec 2025 18:40

Tgt Ion: 107 Resp: 774081

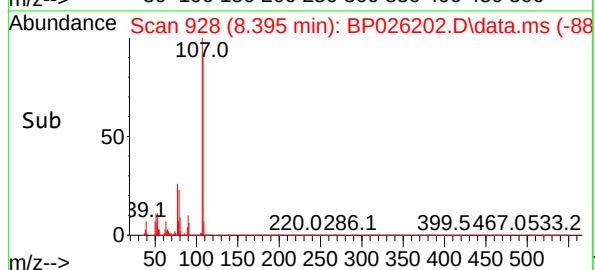
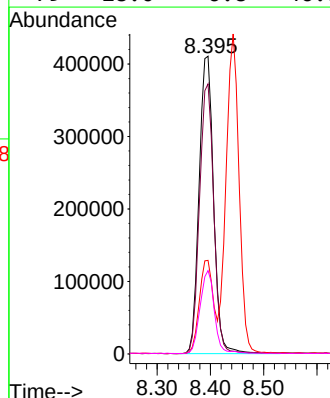
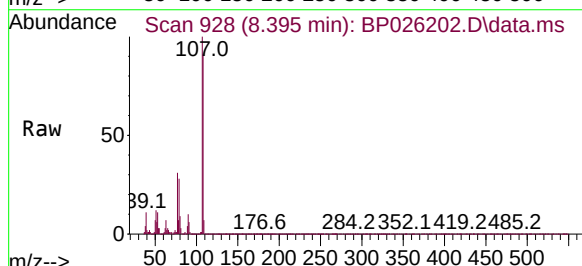
Ion Ratio Lower Upper

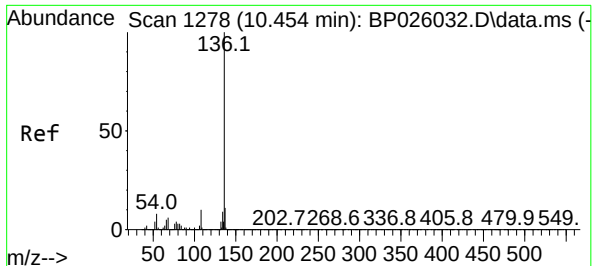
107 100

108 90.7 68.9 108.9

77 31.4 10.4 50.4

79 28.0 6.8 46.8

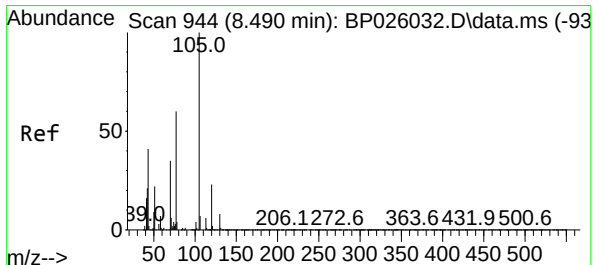
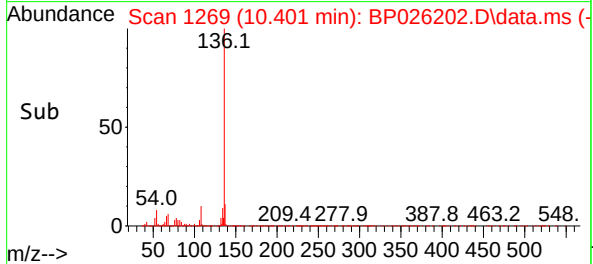
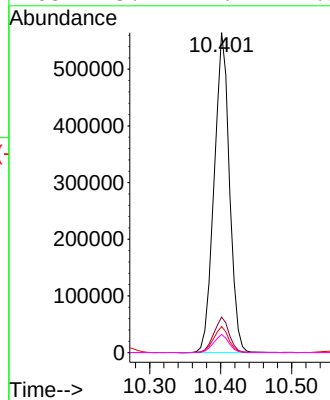
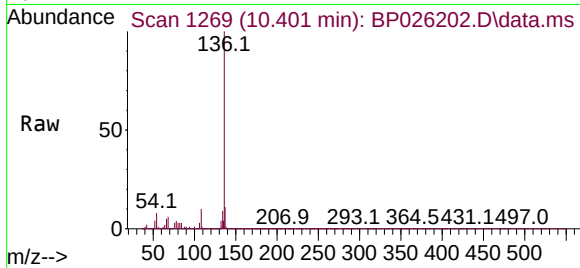




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.401 min Scan# 11
Delta R.T. -0.047 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

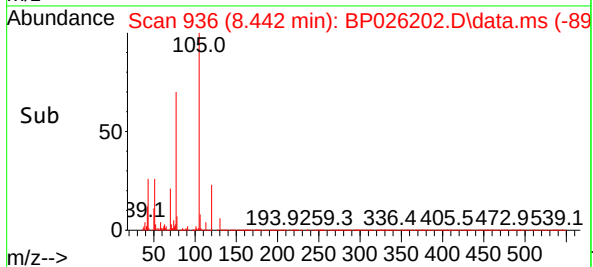
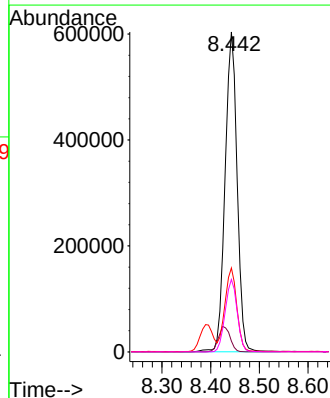
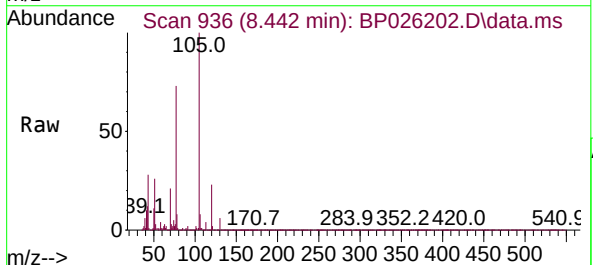
Instrument :
BNA_P
ClientSampleId :
SB-1125-15BMSD

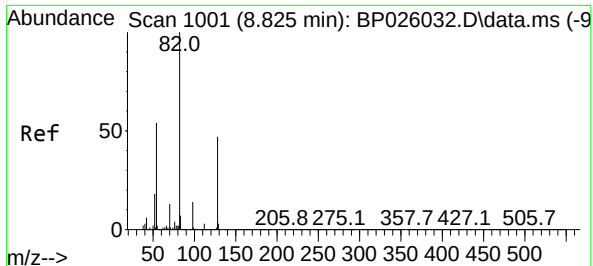
Tgt Ion:	136	Resp:	845732
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.7	13.1
54	8.1	6.4	9.6
68	5.7	4.9	7.3



#22
Acetophenone
Concen: 47.987 ng
RT: 8.442 min Scan# 936
Delta R.T. -0.041 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion:	105	Resp:	1031555
Ion Ratio	Lower	Upper	
105	100		
71	3.4	3.0	4.4
51	26.2	20.5	30.7
120	22.6	18.2	27.2





#23

Nitrobenzene-d5

Concen: 42.884 ng

RT: 8.766 min Scan# 991

Delta R.T. -0.047 min

Lab File: BP026202.D

Acq: 01 Dec 2025 18:40

Instrument :

BNA_P

ClientSampleId :

SB-1125-15BMSD

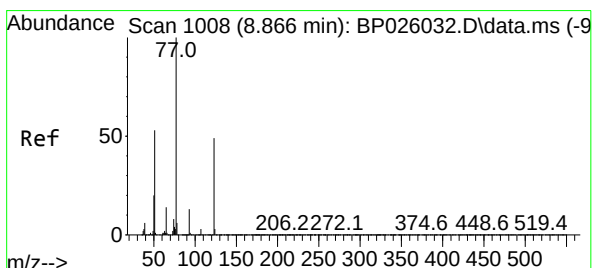
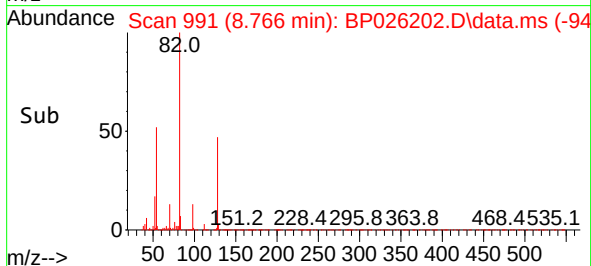
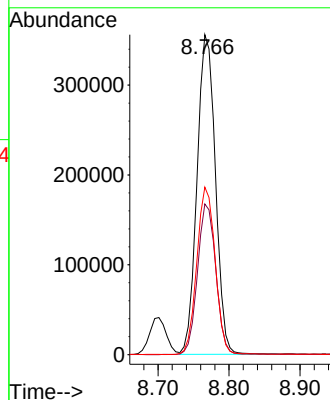
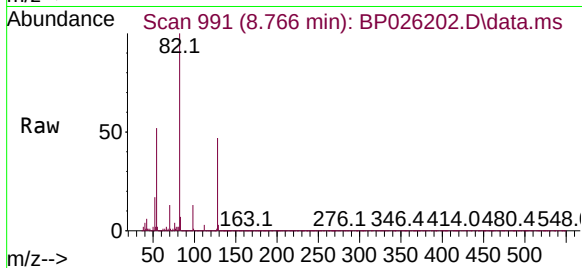
Tgt Ion: 82 Resp: 638500

Ion Ratio Lower Upper

82 100

128 47.1 37.4 56.0

54 52.3 41.6 62.4



#24

Nitrobenzene

Concen: 47.861 ng

RT: 8.813 min Scan# 999

Delta R.T. -0.041 min

Lab File: BP026202.D

Acq: 01 Dec 2025 18:40

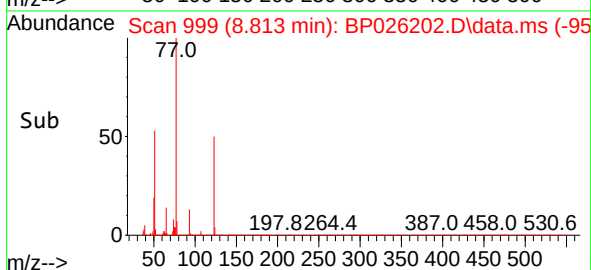
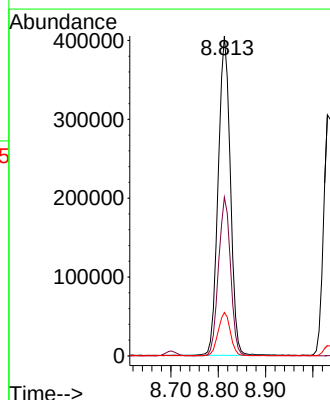
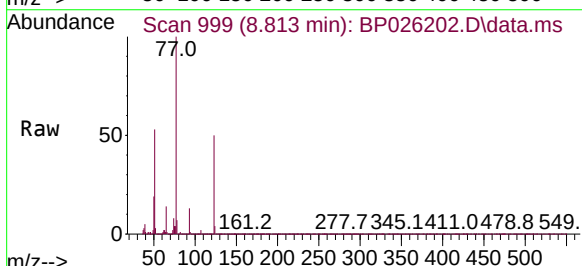
Tgt Ion: 77 Resp: 720827

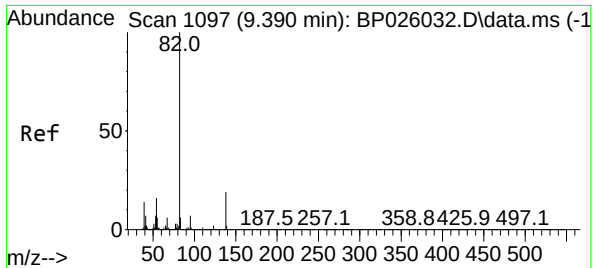
Ion Ratio Lower Upper

77 100

123 49.6 39.8 59.8

65 13.6 11.2 16.8





#25

Isophorone

Concen: 44.537 ng

RT: 9.342 min Scan# 10

Delta R.T. -0.041 min

Lab File: BP026202.D

Acq: 01 Dec 2025 18:40

Instrument :

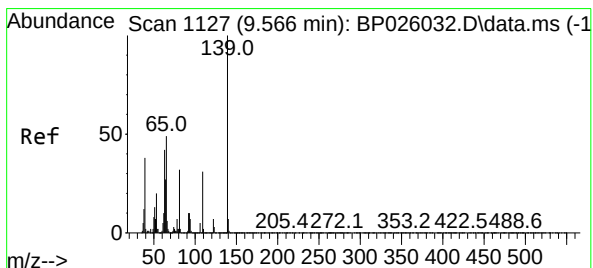
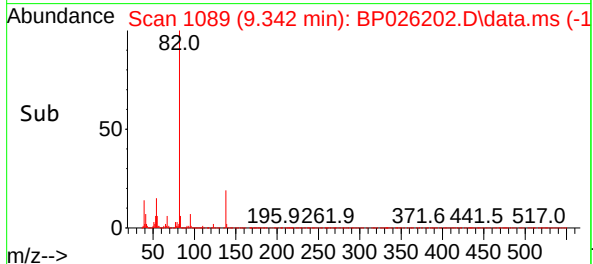
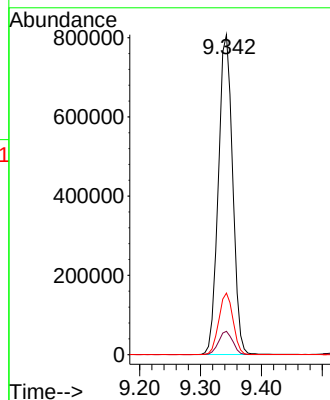
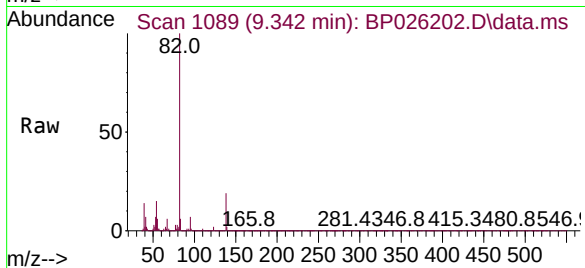
BNA_P

ClientSampleId :

SB-1125-15BMSD

Tgt Ion: 82 Resp: 1314608

Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.4	8.0
138	19.2	15.4	23.0



#26

2-Nitrophenol

Concen: 48.262 ng

RT: 9.519 min Scan# 1119

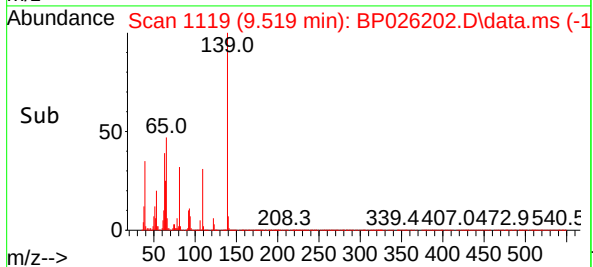
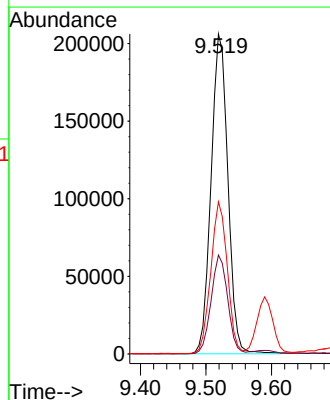
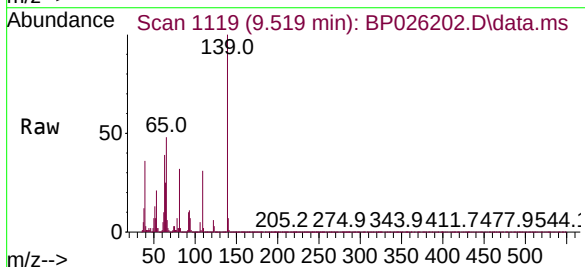
Delta R.T. -0.041 min

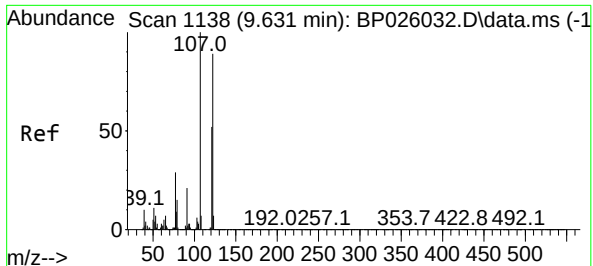
Lab File: BP026202.D

Acq: 01 Dec 2025 18:40

Tgt Ion: 139 Resp: 367801

Ion	Ratio	Lower	Upper
139	100		
109	30.9	22.3	33.5
65	47.5	37.2	55.8

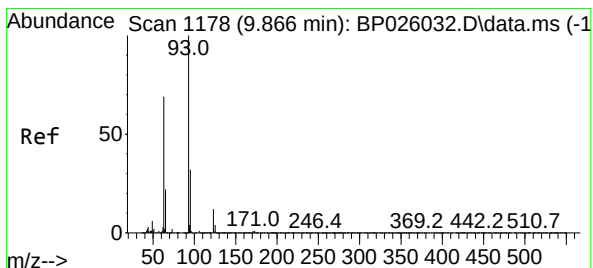
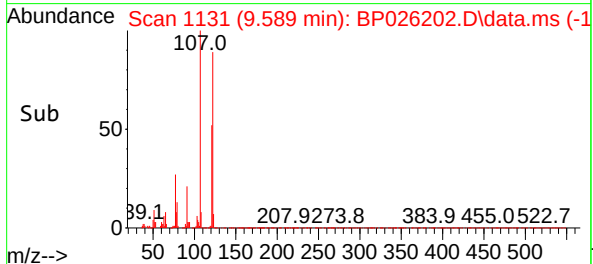
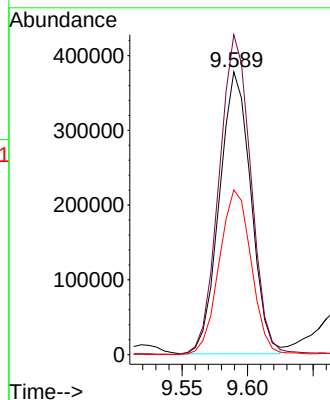
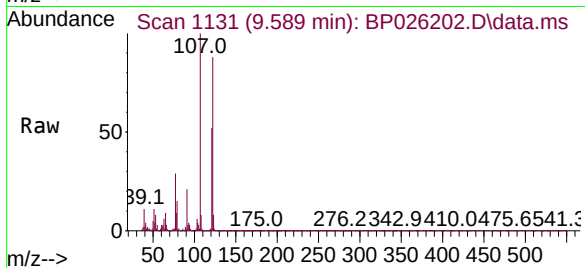




#27
2,4-Dimethylphenol
Concen: 45.876 ng
RT: 9.589 min Scan# 1119
Delta R.T. -0.035 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

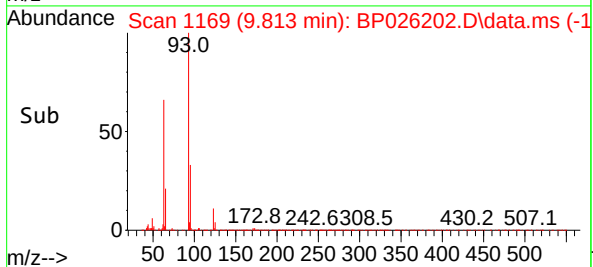
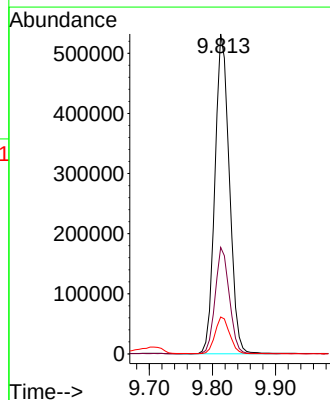
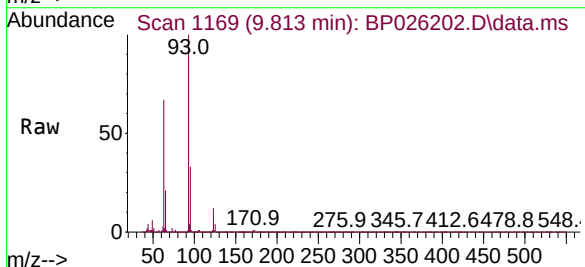
Instrument :
BNA_P
ClientSampleId :
SB-1125-15BMSD

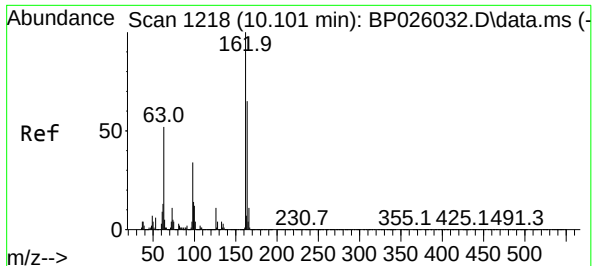
Tgt Ion:122 Resp: 630433
Ion Ratio Lower Upper
122 100
107 113.1 91.0 136.6
121 58.3 47.0 70.6



#28
bis(2-Chloroethoxy)methane
Concen: 45.879 ng
RT: 9.813 min Scan# 1169
Delta R.T. -0.047 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion: 93 Resp: 848124
Ion Ratio Lower Upper
93 100
95 33.3 26.4 39.6
123 11.5 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 47.445 ng

RT: 10.054 min Scan# 1210

Delta R.T. -0.041 min

Lab File: BP026202.D

Acq: 01 Dec 2025 18:40

Instrument :

BNA_P

ClientSampleId :

SB-1125-15BMSD

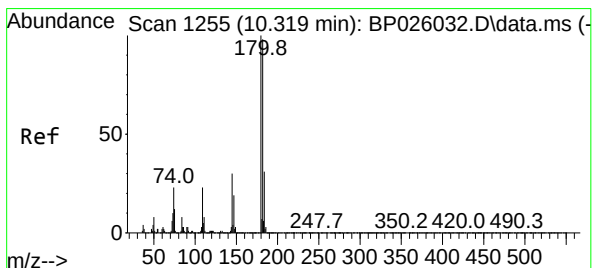
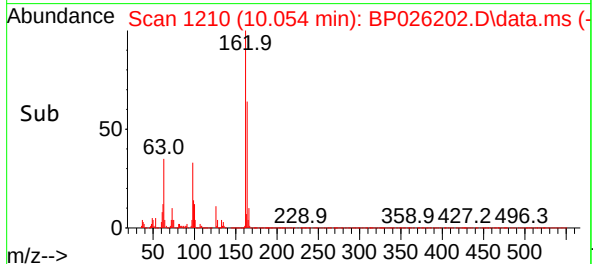
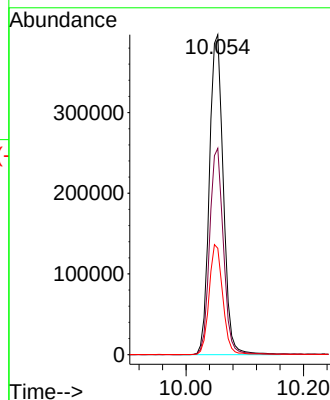
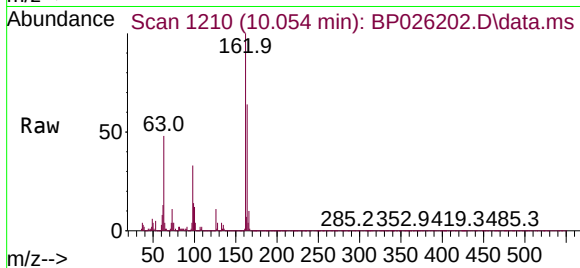
Tgt Ion:162 Resp: 651652

Ion Ratio Lower Upper

162 100

164 64.5 43.8 83.8

98 33.2 14.1 54.1



#30

1,2,4-Trichlorobenzene

Concen: 52.240 ng

RT: 10.272 min Scan# 1247

Delta R.T. -0.035 min

Lab File: BP026202.D

Acq: 01 Dec 2025 18:40

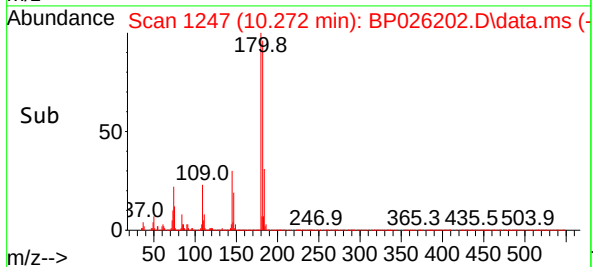
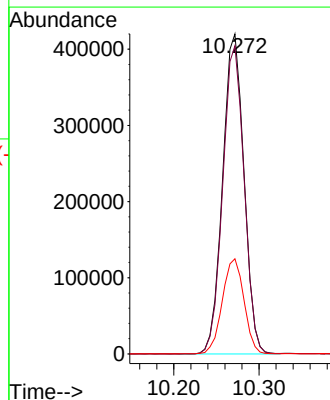
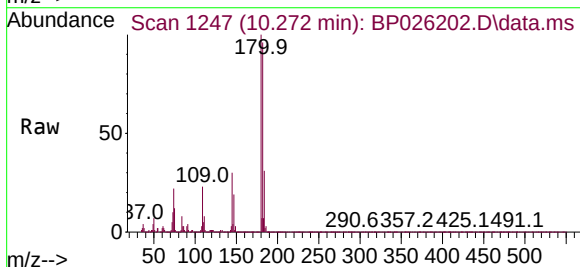
Tgt Ion:180 Resp: 730642

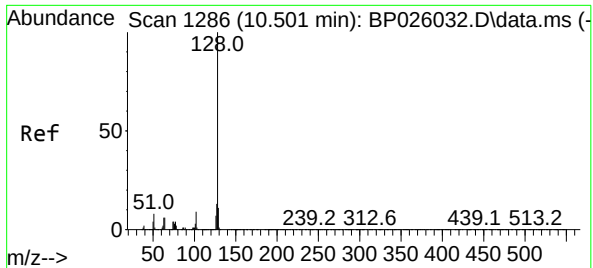
Ion Ratio Lower Upper

180 100

182 96.3 78.1 117.1

145 29.7 24.2 36.4

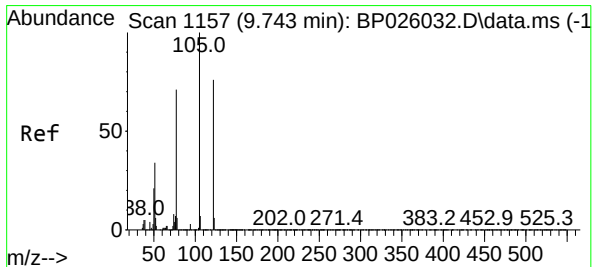
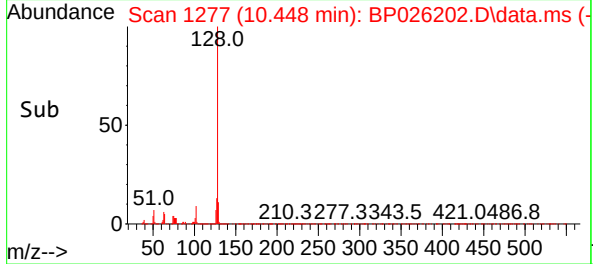
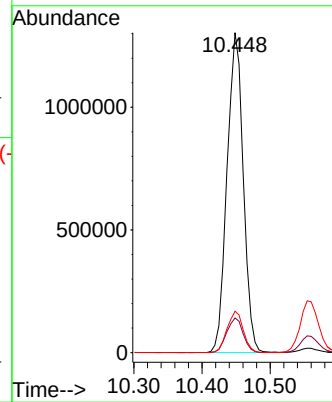
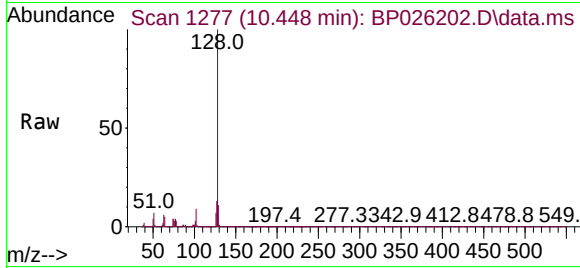




#31
Naphthalene
Concen: 46.989 ng
RT: 10.448 min Scan# 111
Delta R.T. -0.047 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

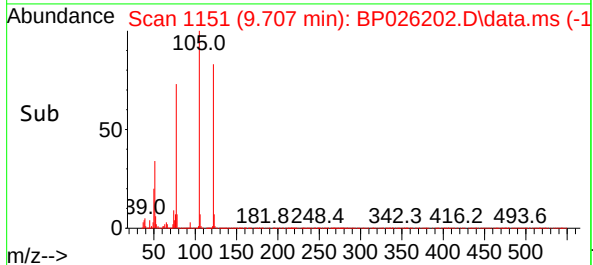
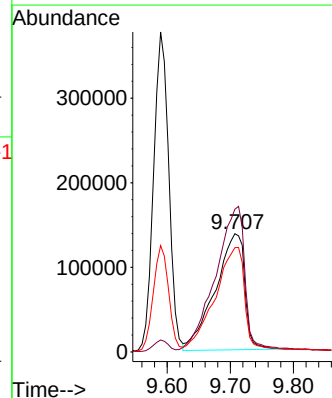
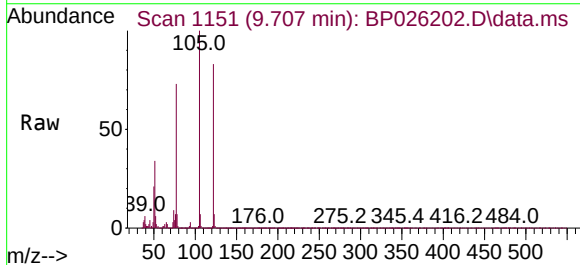
Instrument :
BNA_P
ClientSampleId :
SB-1125-15BMSD

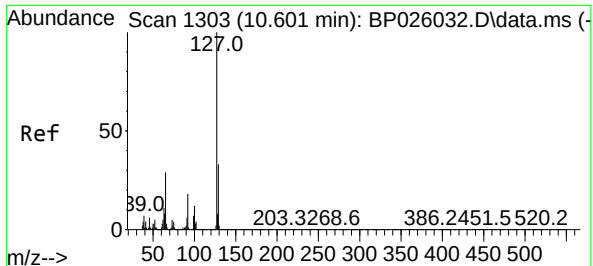
Tgt Ion:128 Resp: 2147731
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 12.9 10.2 15.4



#32
Benzoic acid
Concen: 38.765 ng
RT: 9.707 min Scan# 1151
Delta R.T. -0.059 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion:122 Resp: 448609
Ion Ratio Lower Upper
122 100
105 120.6 100.1 140.1
77 88.2 66.7 106.7

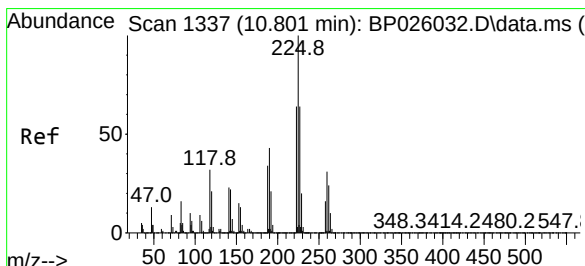
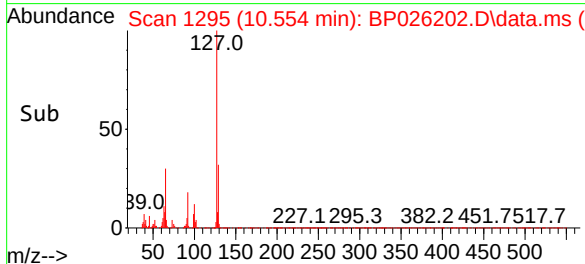
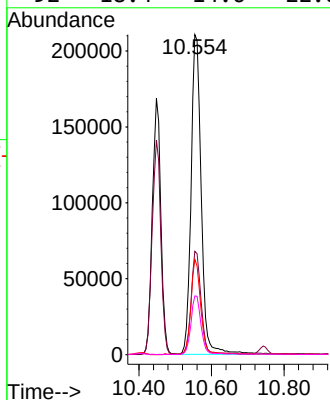
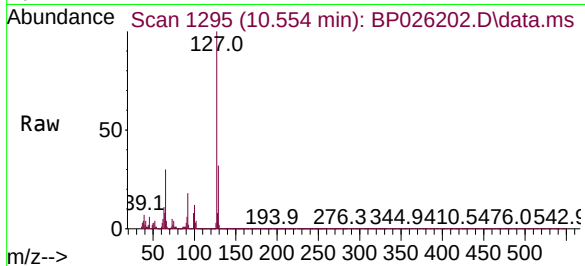




#33
4-Chloroaniline
Concen: 21.162 ng
RT: 10.554 min Scan# 1295
Delta R.T. -0.041 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

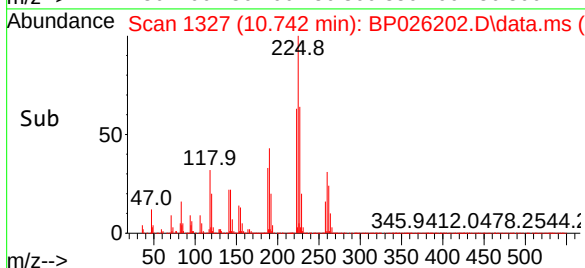
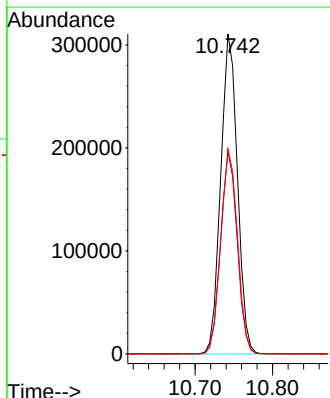
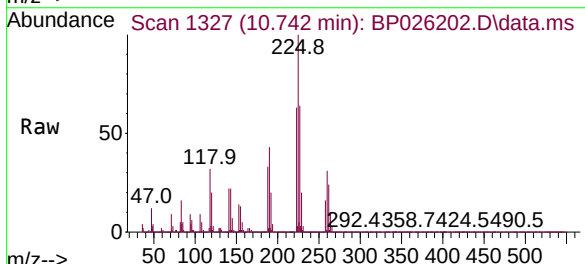
Instrument :
BNA_P
ClientSampleId :
SB-1125-15BMSD

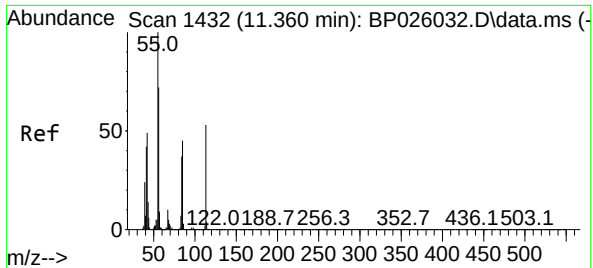
Tgt Ion:	127	Resp:	411341
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.8	38.8
65	29.7	22.7	34.1
92	18.4	14.6	22.0



#34
Hexachlorobutadiene
Concen: 51.245 ng
RT: 10.742 min Scan# 1327
Delta R.T. -0.053 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion:	225	Resp:	466143
Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.6	74.4
227	64.0	51.2	76.8

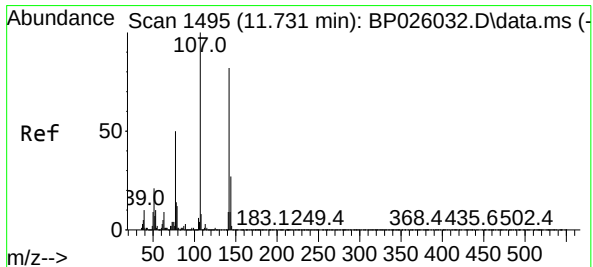
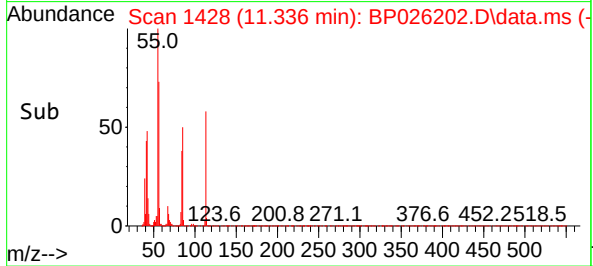
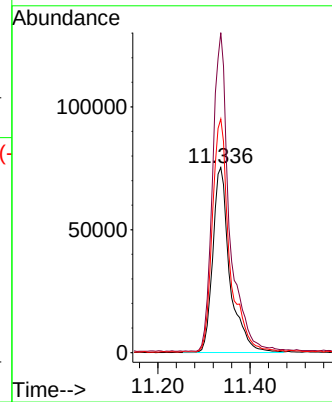
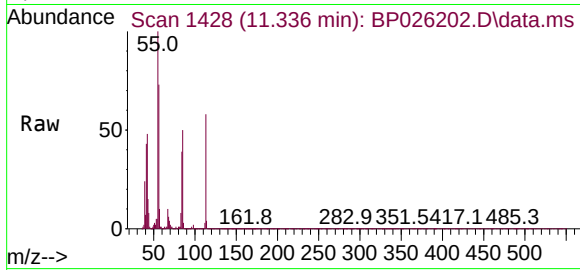




#35
 Caprolactam
 Concen: 39.334 ng
 RT: 11.336 min Scan# 1432
 Delta R.T. -0.041 min
 Lab File: BP026202.D
 Acq: 01 Dec 2025 18:40

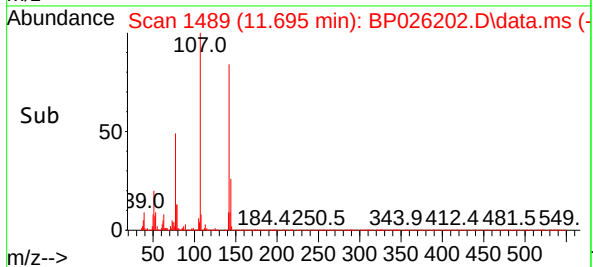
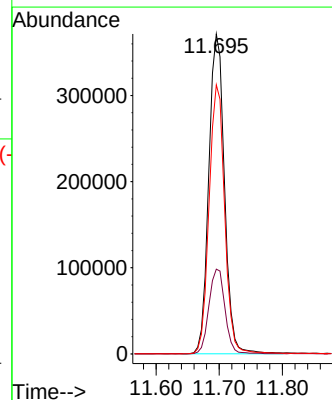
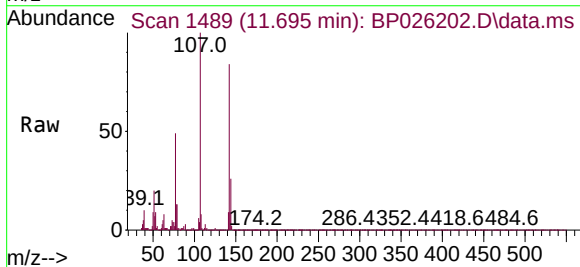
Instrument :
 BNA_P
 ClientSampleId :
 SB-1125-15BMSD

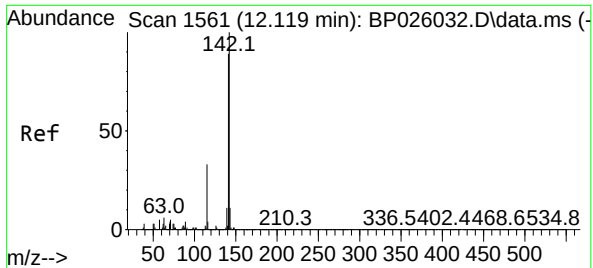
Tgt Ion:113 Resp: 193449
 Ion Ratio Lower Upper
 113 100
 55 172.9 153.0 193.0
 56 126.2 106.4 146.4



#36
 4-Chloro-3-methylphenol
 Concen: 43.871 ng
 RT: 11.695 min Scan# 1489
 Delta R.T. -0.035 min
 Lab File: BP026202.D
 Acq: 01 Dec 2025 18:40

Tgt Ion:107 Resp: 640441
 Ion Ratio Lower Upper
 107 100
 144 26.5 21.6 32.4
 142 84.1 65.6 98.4

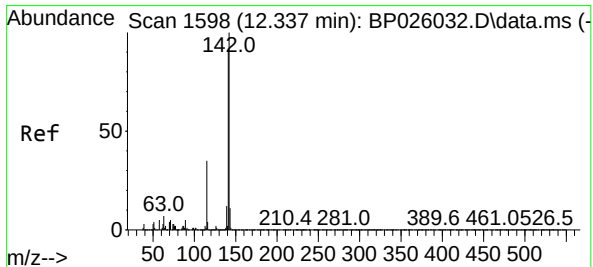
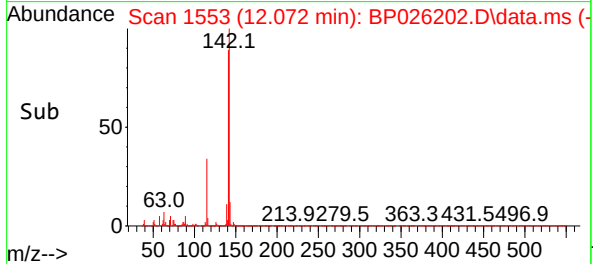
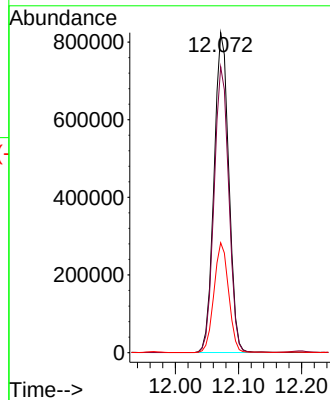
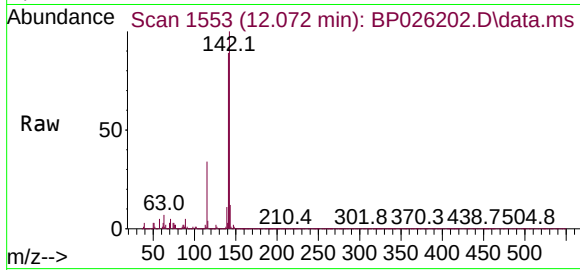




#37
2-Methylnaphthalene
Concen: 41.396 ng
RT: 12.072 min Scan# 1553
Delta R.T. -0.041 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

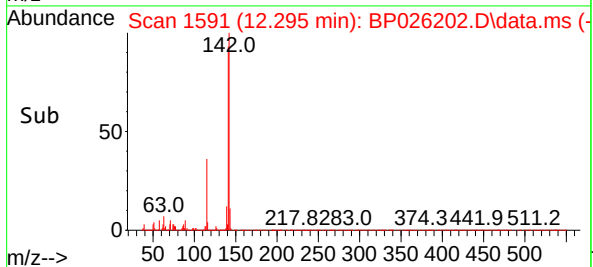
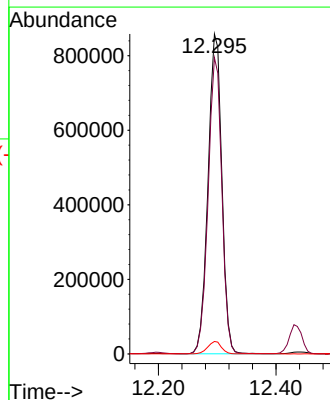
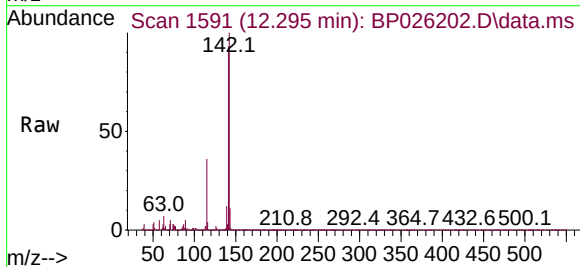
Instrument :
BNA_P
ClientSampleId :
SB-1125-15BMSD

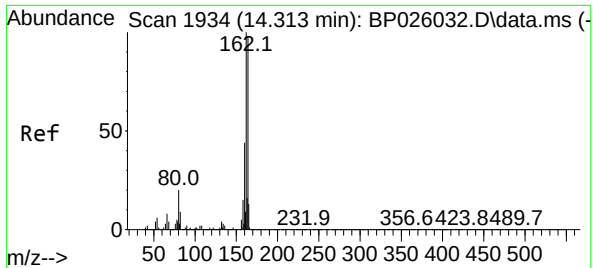
Tgt Ion:142 Resp: 1341389
Ion Ratio Lower Upper
142 100
141 89.3 71.0 106.6
115 34.4 26.6 39.8



#38
1-Methylnaphthalene
Concen: 44.192 ng
RT: 12.295 min Scan# 1591
Delta R.T. -0.035 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion:142 Resp: 1399643
Ion Ratio Lower Upper
142 100
141 92.5 73.5 110.3
116 3.9 3.0 4.4

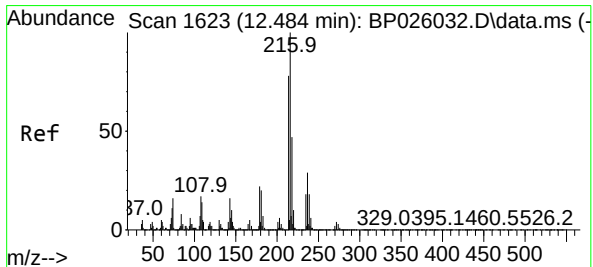
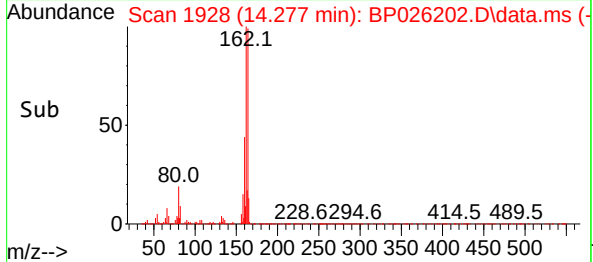
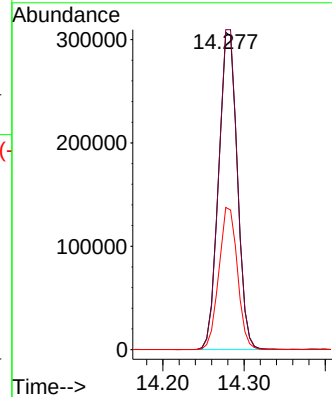
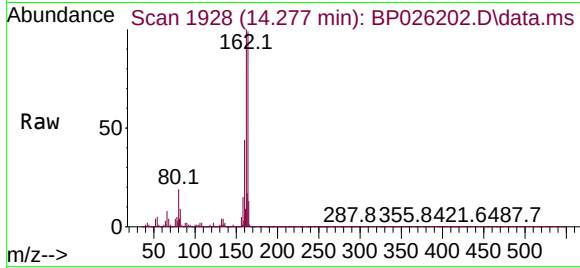




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.277 min Scan# 1934
Delta R.T. -0.047 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

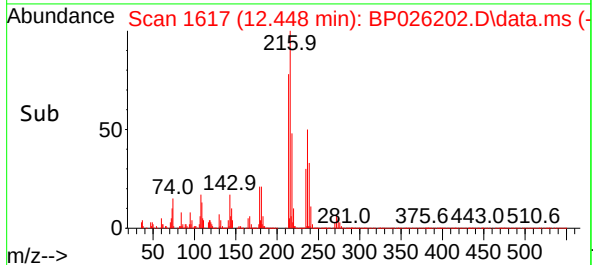
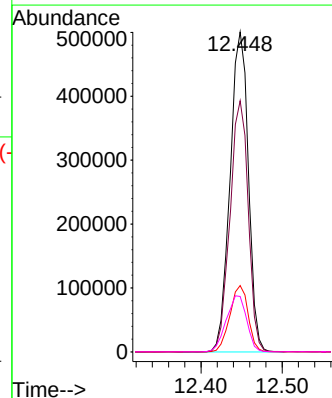
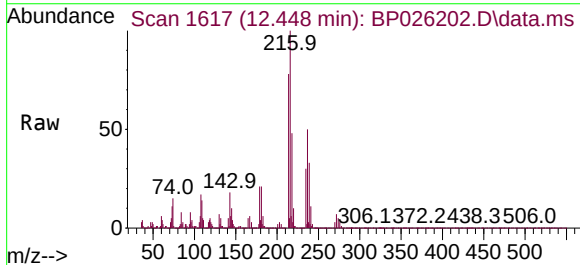
Instrument :
BNA_P
ClientSampleId :
SB-1125-15BMSD

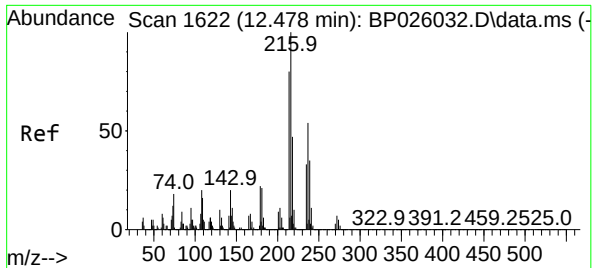
Tgt Ion:164 Resp: 491065
Ion Ratio Lower Upper
164 100
162 100.8 80.3 120.5
160 44.8 35.2 52.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.763 ng
RT: 12.448 min Scan# 1617
Delta R.T. -0.041 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion:216 Resp: 783446
Ion Ratio Lower Upper
216 100
214 78.4 62.6 94.0
179 20.8 16.6 25.0
108 19.5 14.2 21.4

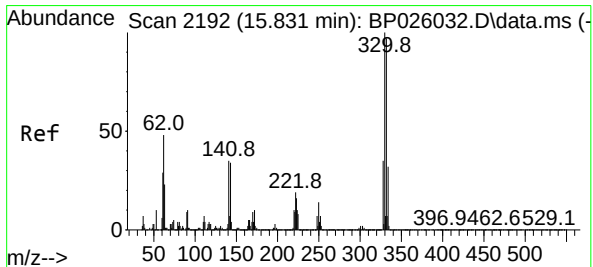
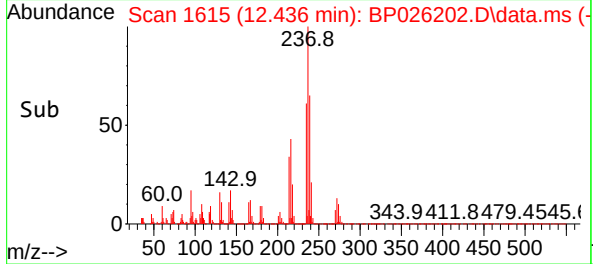
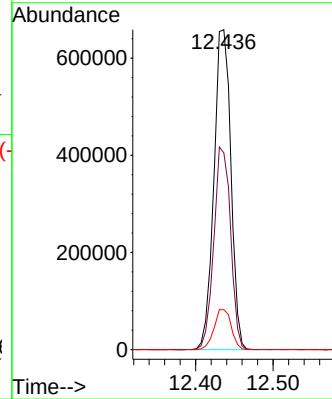
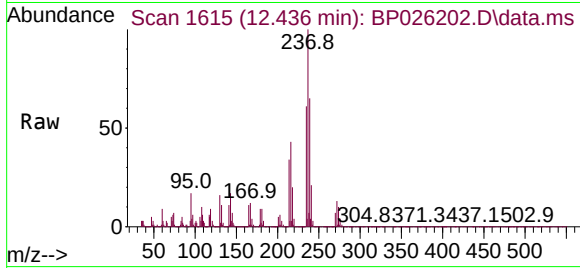




#41
Hexachlorocyclopentadiene
Concen: 103.039 ng
RT: 12.436 min Scan# 1
Delta R.T. -0.035 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

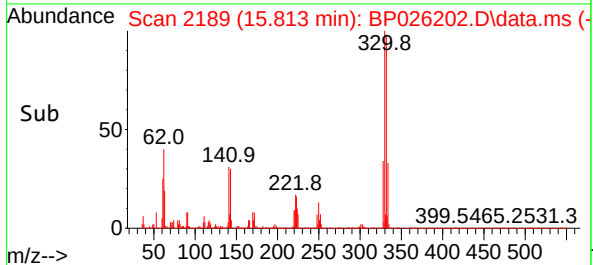
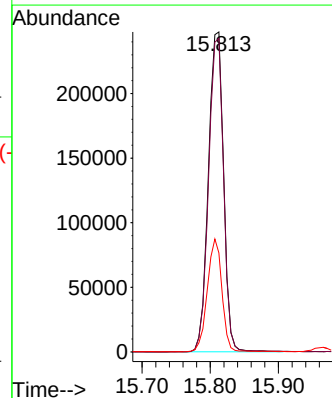
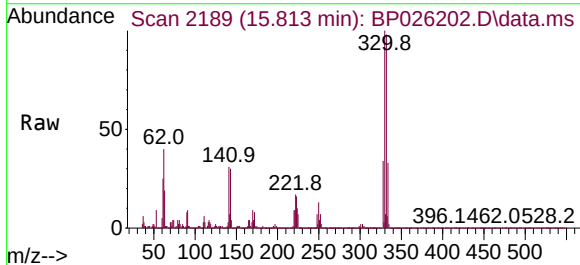
Instrument :
BNA_P
ClientSampleId :
SB-1125-15BMSD

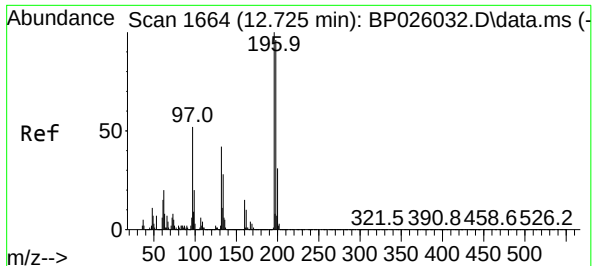
Tgt Ion:237 Resp: 1001313
Ion Ratio Lower Upper
237 100
235 61.5 43.3 83.3
272 12.5 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 60.344 ng
RT: 15.813 min Scan# 2189
Delta R.T. -0.024 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion:330 Resp: 384407
Ion Ratio Lower Upper
330 100
332 96.6 78.0 117.0
141 33.9 26.8 40.2

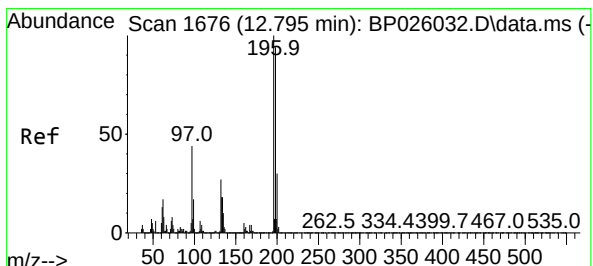
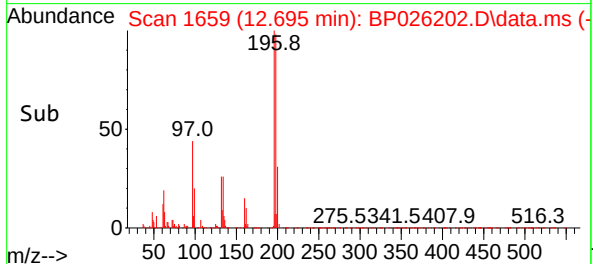
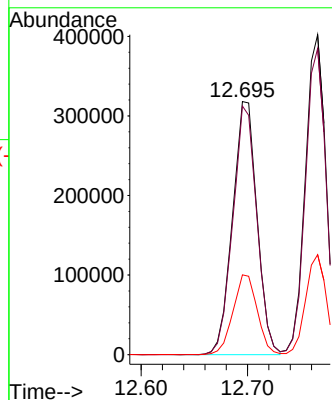
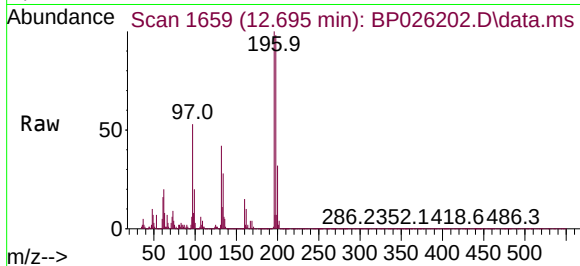




#43
2,4,6-Trichlorophenol
Concen: 49.878 ng
RT: 12.695 min Scan# 1659
Delta R.T. -0.030 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

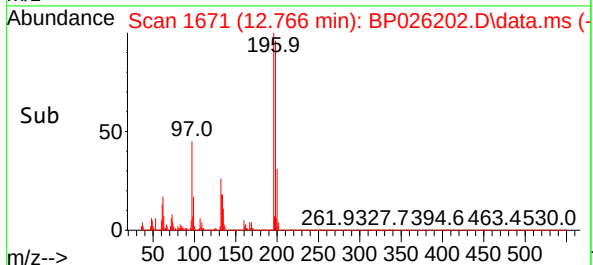
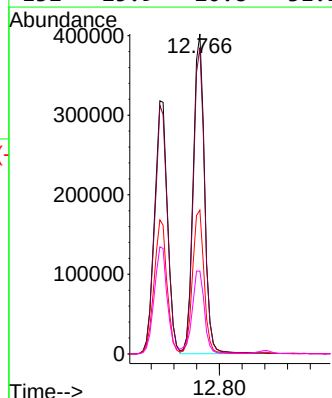
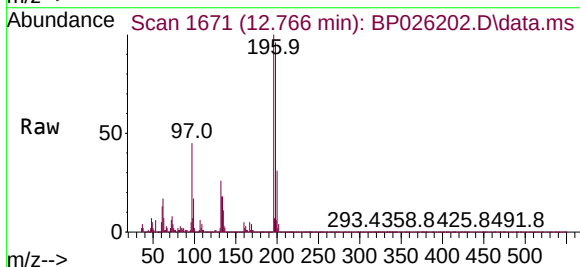
Instrument :
BNA_P
ClientSampleId :
SB-1125-15BMSD

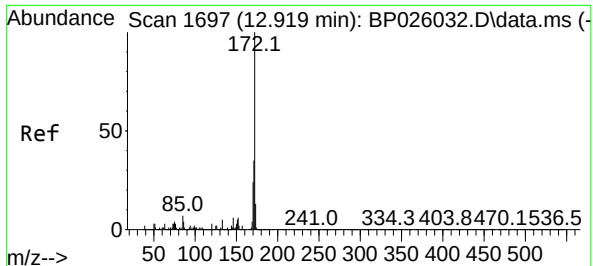
Tgt Ion:196 Resp: 507742
Ion Ratio Lower Upper
196 100
198 98.2 76.9 115.3
200 31.5 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 48.961 ng
RT: 12.766 min Scan# 1671
Delta R.T. -0.035 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion:196 Resp: 556341
Ion Ratio Lower Upper
196 100
198 95.7 76.4 114.6
97 44.9 35.7 53.5
132 25.9 20.8 31.2

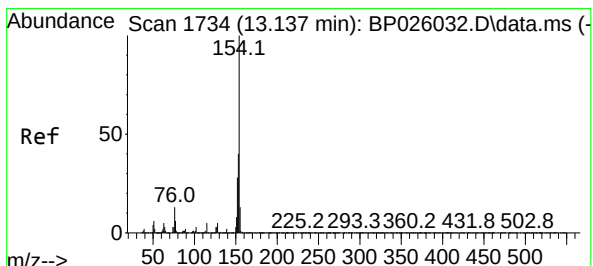
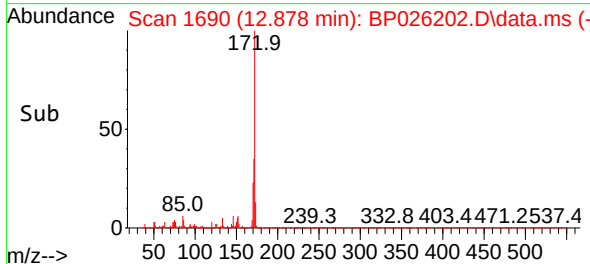
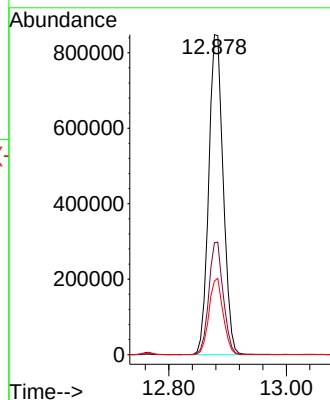
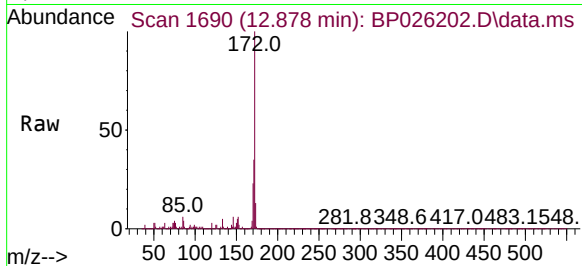




#45
2-Fluorobiphenyl
Concen: 43.191 ng
RT: 12.878 min Scan# 1697
Delta R.T. -0.053 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

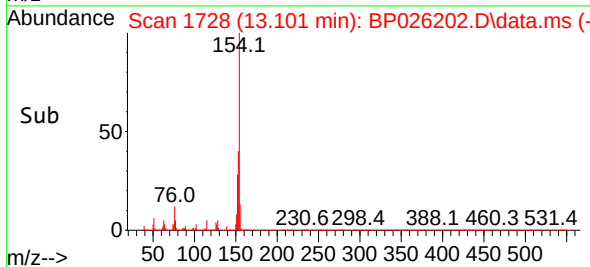
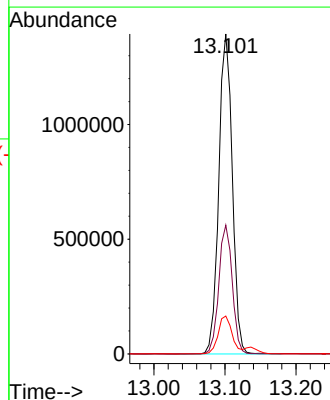
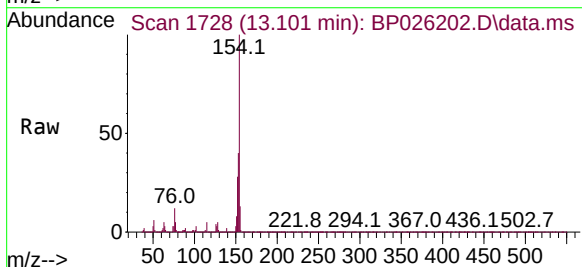
Instrument :
BNA_P
ClientSampleId :
SB-1125-15BMSD

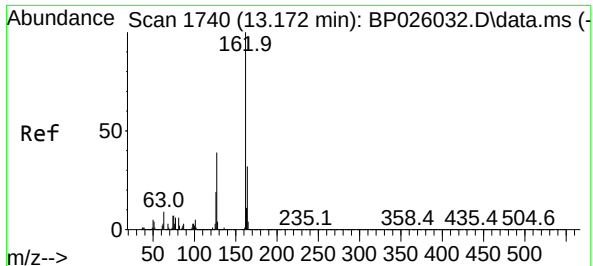
Tgt Ion:172 Resp: 1447177
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.4
170 23.0 18.7 28.1



#46
1,1'-Biphenyl
Concen: 49.921 ng
RT: 13.101 min Scan# 1728
Delta R.T. -0.035 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion:154 Resp: 1845916
Ion Ratio Lower Upper
154 100
153 40.2 20.3 60.3
76 11.8 0.0 32.3

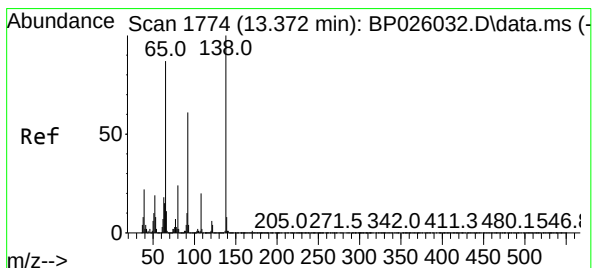
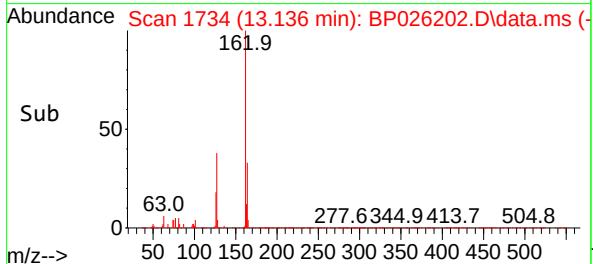
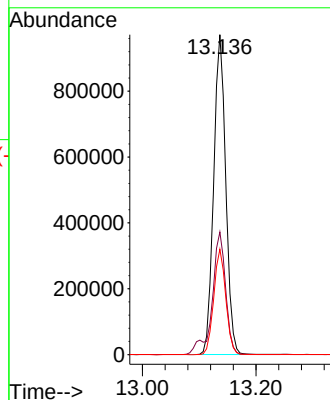
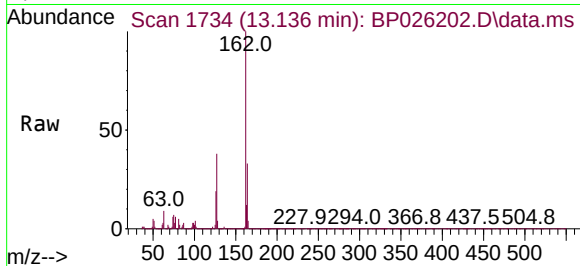




#47
2-Chloronaphthalene
Concen: 49.452 ng
RT: 13.136 min Scan# 1714
Delta R.T. -0.047 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

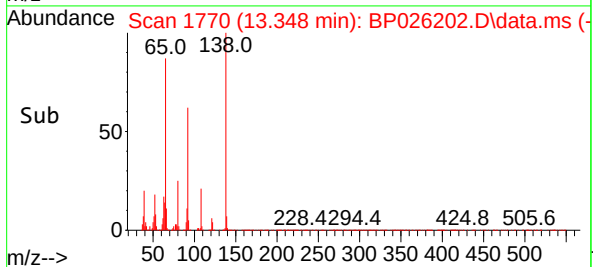
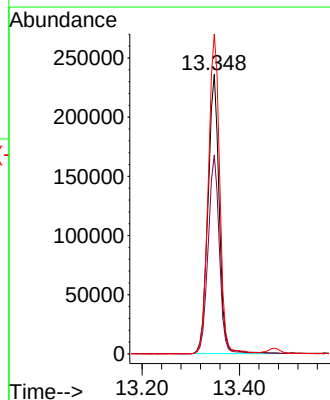
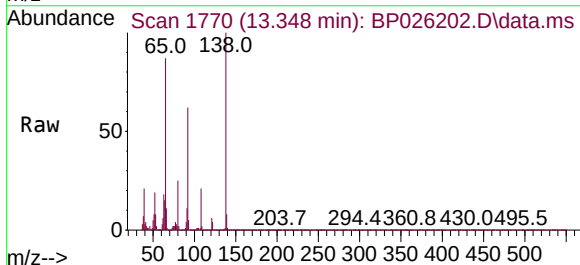
Instrument :
BNA_P
ClientSampleId :
SB-1125-15BMSD

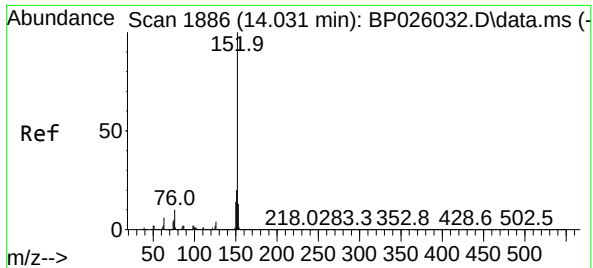
Tgt Ion:162 Resp: 1437914
Ion Ratio Lower Upper
162 100
127 38.3 30.9 46.3
164 32.9 26.4 39.6



#48
2-Nitroaniline
Concen: 47.019 ng
RT: 13.348 min Scan# 1770
Delta R.T. -0.030 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion: 65 Resp: 380188
Ion Ratio Lower Upper
65 100
92 71.2 59.1 88.7
138 114.5 96.6 145.0

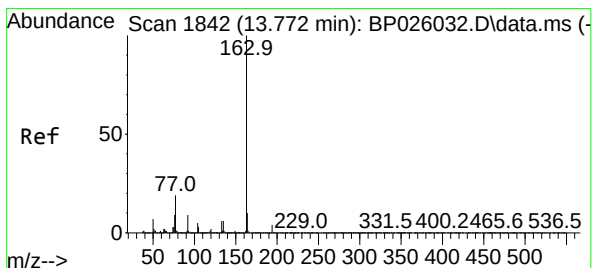
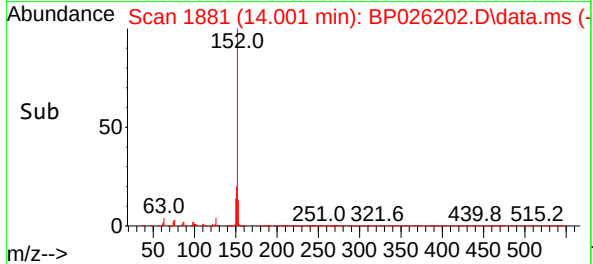
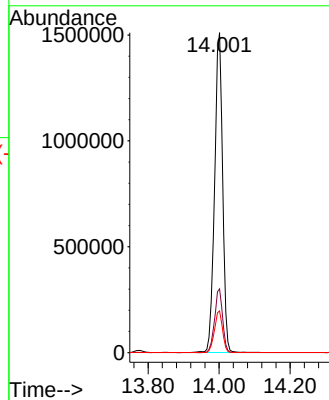
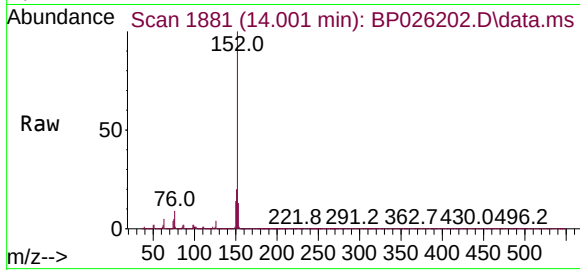




#49
Acenaphthylene
Concen: 49.466 ng
RT: 14.001 min Scan# 1881
Delta R.T. -0.035 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

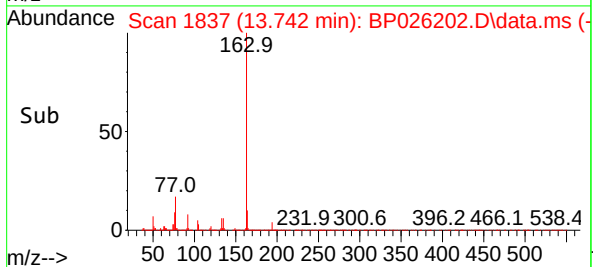
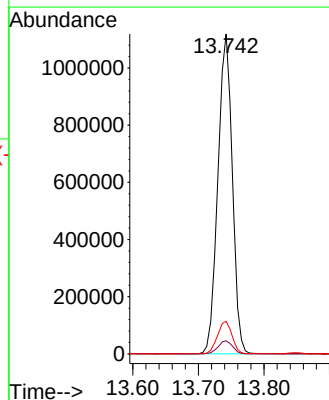
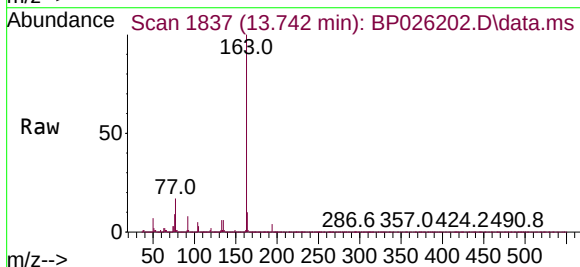
Instrument :
BNA_P
ClientSampleId :
SB-1125-15BMSD

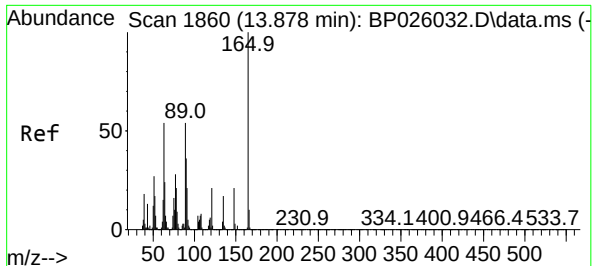
Tgt Ion:152 Resp: 2372463
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.8
153 13.0 10.6 16.0



#50
Dimethylphthalate
Concen: 46.788 ng
RT: 13.742 min Scan# 1837
Delta R.T. -0.030 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion:163 Resp: 1716045
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.2 8.2 12.2

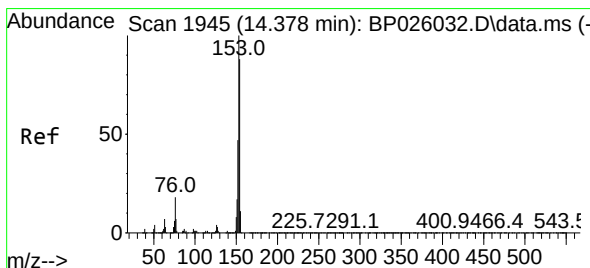
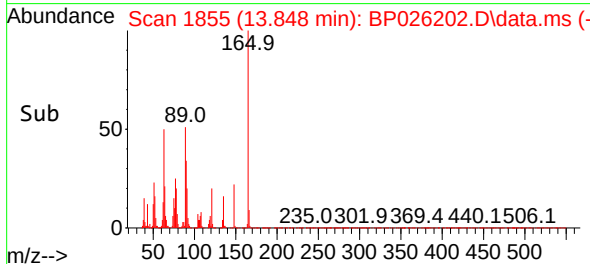
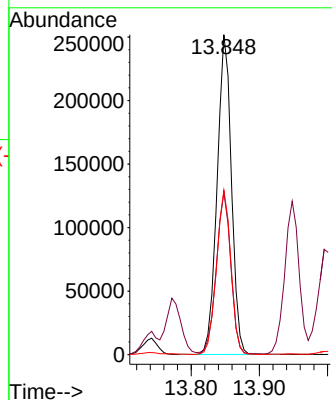
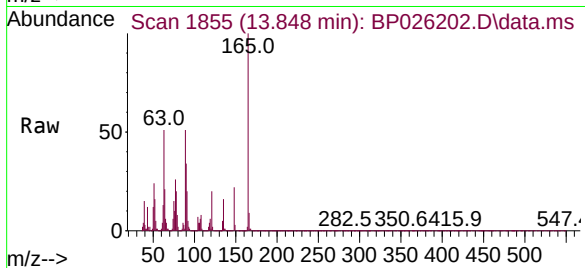




#51
2,6-Dinitrotoluene
Concen: 50.202 ng
RT: 13.848 min Scan# 1860
Delta R.T. -0.035 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

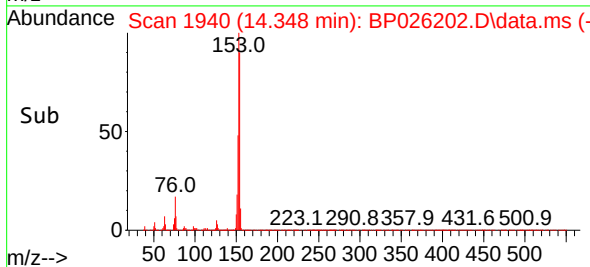
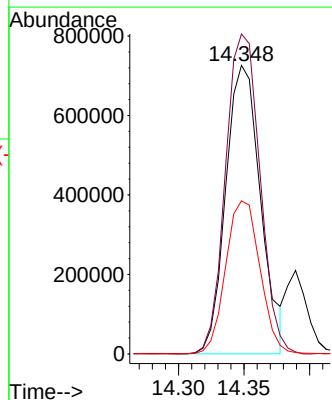
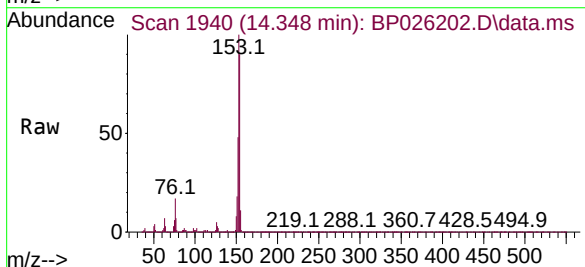
Instrument :
BNA_P
ClientSampleId :
SB-1125-15BMSD

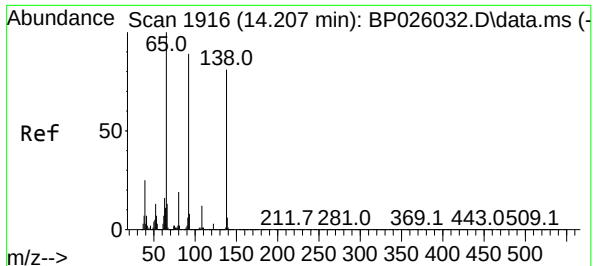
Tgt Ion:165 Resp: 364844
Ion Ratio Lower Upper
165 100
63 50.7 40.5 60.7
89 51.4 41.3 61.9



#52
Acenaphthene
Concen: 47.674 ng
RT: 14.348 min Scan# 1940
Delta R.T. -0.035 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion:154 Resp: 1339975
Ion Ratio Lower Upper
154 100
153 110.9 90.7 136.1
152 53.1 42.8 64.2

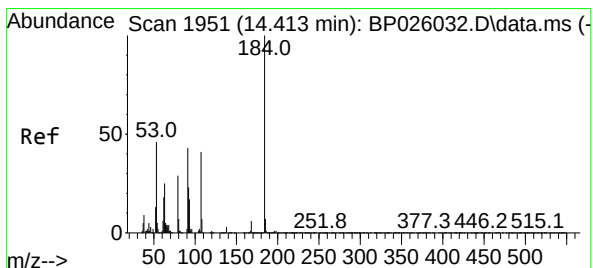
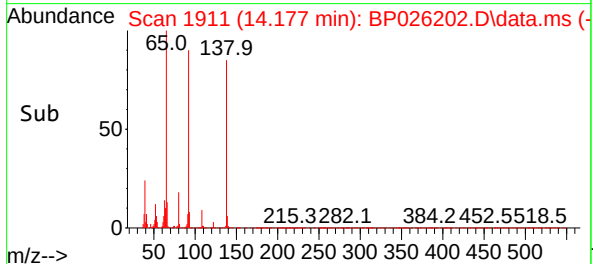
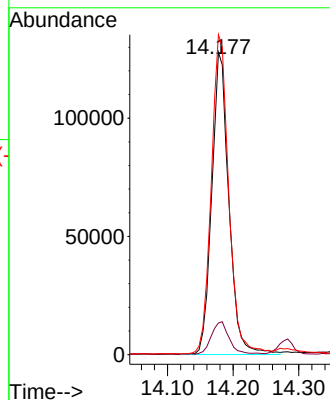
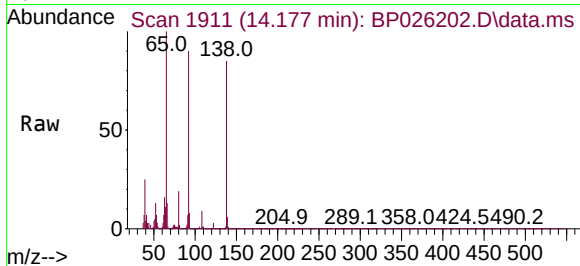




#53
3-Nitroaniline
Concen: 27.102 ng
RT: 14.177 min Scan# 1916
Delta R.T. -0.041 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

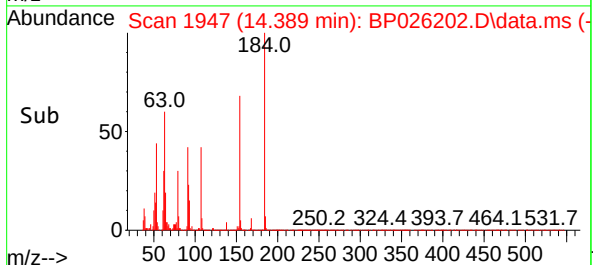
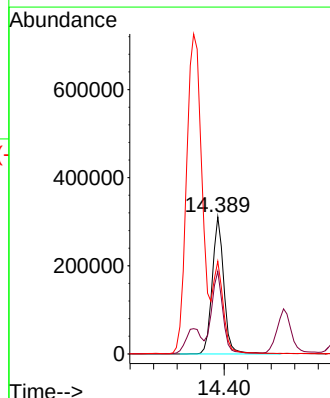
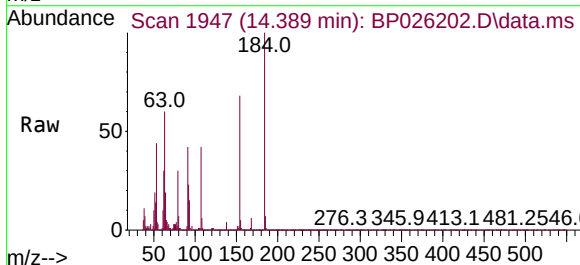
Instrument :
BNA_P
ClientSampleId :
SB-1125-15BMSD

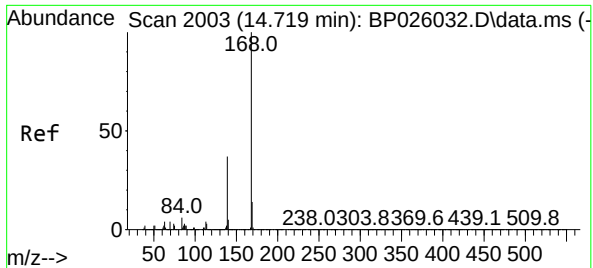
Tgt Ion:138 Resp: 231908
Ion Ratio Lower Upper
138 100
108 10.4 8.9 13.3
92 105.8 86.3 129.5



#54
2,4-Dinitrophenol
Concen: 97.018 ng
RT: 14.389 min Scan# 1947
Delta R.T. -0.041 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion:184 Resp: 425617
Ion Ratio Lower Upper
184 100
63 60.2 43.1 64.7
154 67.6 49.5 74.3





#55

Dibenzofuran

Concen: 47.486 ng

RT: 14.701 min Scan# 2000

Delta R.T. -0.024 min

Lab File: BP026202.D

Acq: 01 Dec 2025 18:40

Instrument :

BNA_P

ClientSampleId :

SB-1125-15BMSD

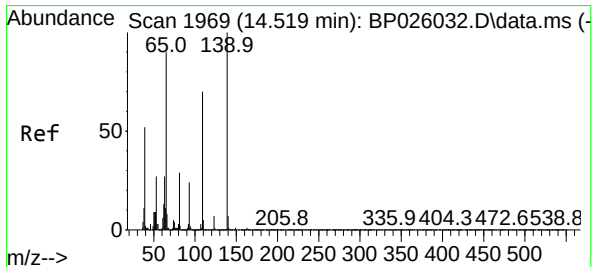
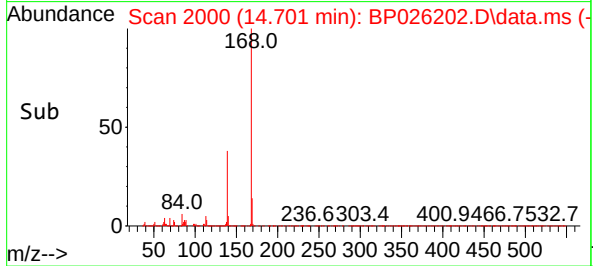
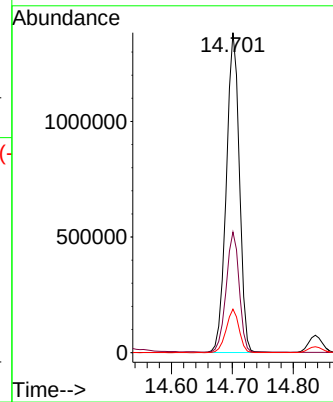
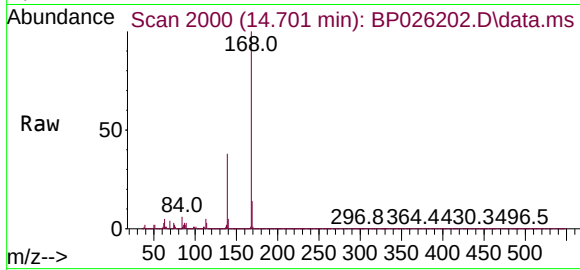
Tgt Ion:168 Resp: 2067244

Ion Ratio Lower Upper

168 100

139 37.7 29.8 44.6

169 13.6 10.9 16.3



#56

4-Nitrophenol

Concen: 85.360 ng

RT: 14.501 min Scan# 1966

Delta R.T. -0.041 min

Lab File: BP026202.D

Acq: 01 Dec 2025 18:40

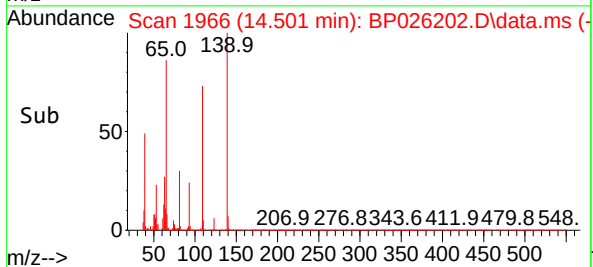
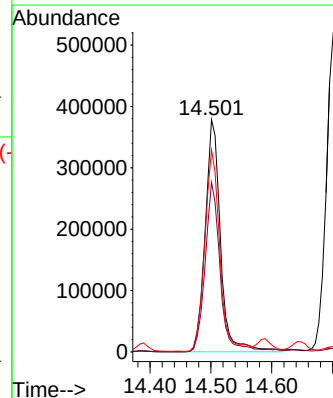
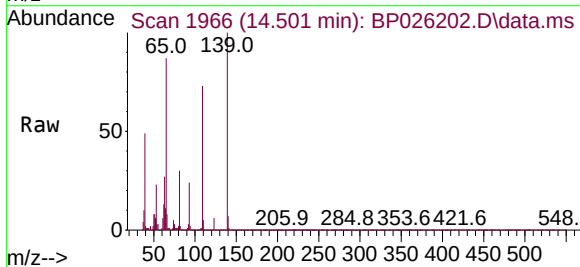
Tgt Ion:139 Resp: 660774

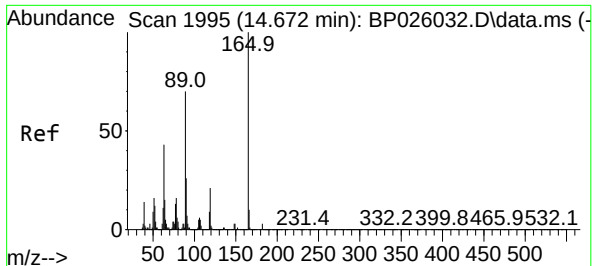
Ion Ratio Lower Upper

139 100

109 73.0 46.8 86.8

65 86.9 69.3 109.3

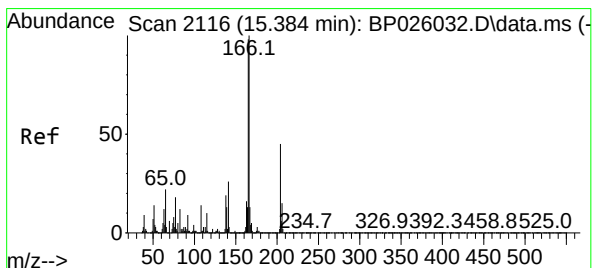
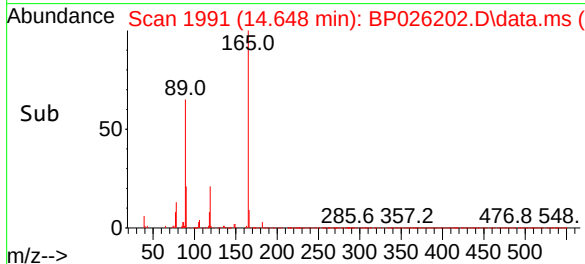
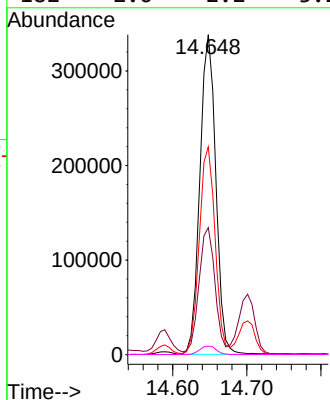
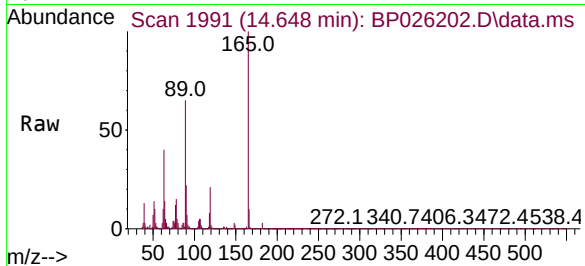




#57
2,4-Dinitrotoluene
Concen: 46.565 ng
RT: 14.648 min Scan# 1991
Delta R.T. -0.041 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

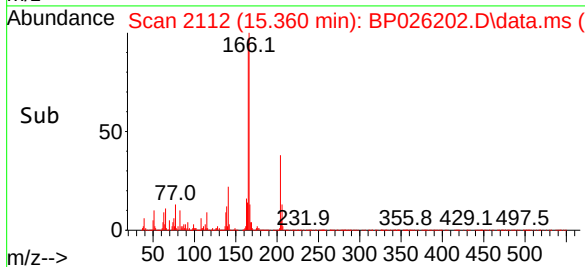
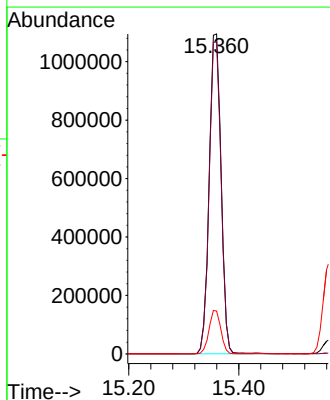
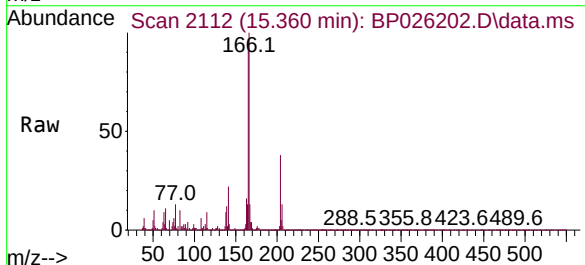
Instrument :
BNA_P
ClientSampleId :
SB-1125-15BMSD

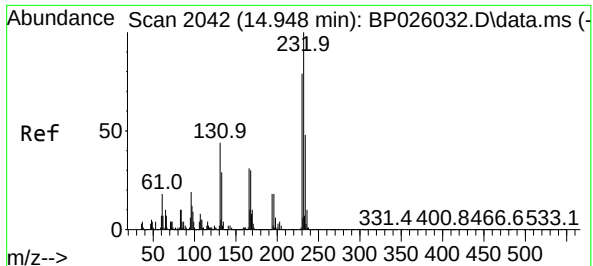
Tgt Ion:165 Resp: 505295
Ion Ratio Lower Upper
165 100
63 39.7 31.0 46.6
89 64.9 51.7 77.5
182 2.6 2.2 3.2



#58
Fluorene
Concen: 47.858 ng
RT: 15.360 min Scan# 2112
Delta R.T. -0.030 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion:166 Resp: 1646773
Ion Ratio Lower Upper
166 100
165 97.4 77.9 116.9
167 13.4 11.0 16.4

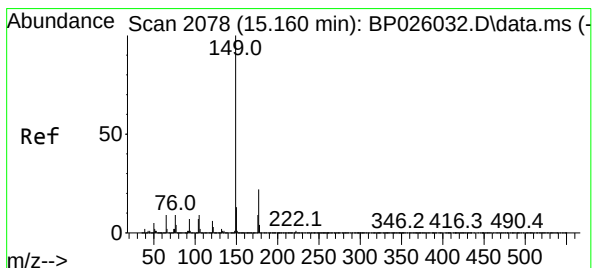
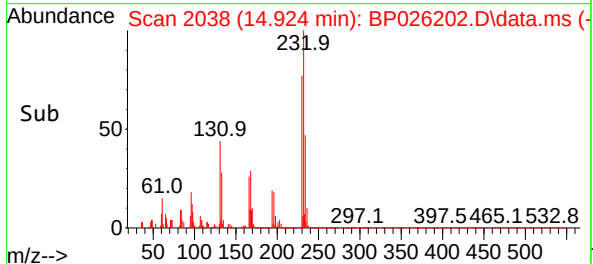
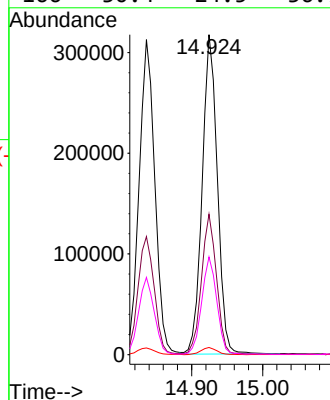
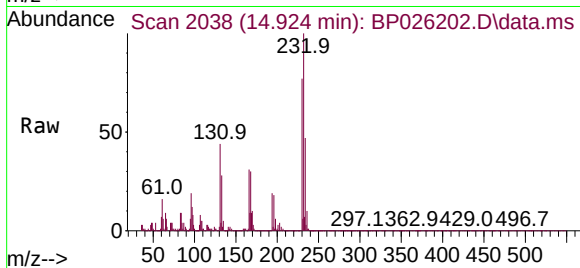




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.650 ng
RT: 14.924 min Scan# 2042
Delta R.T. -0.035 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

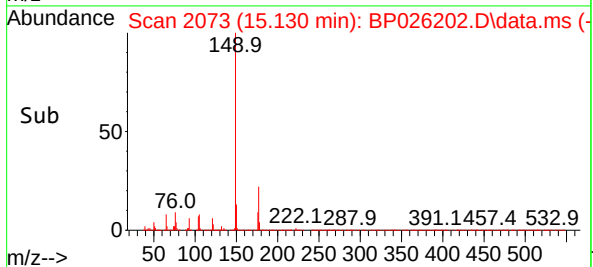
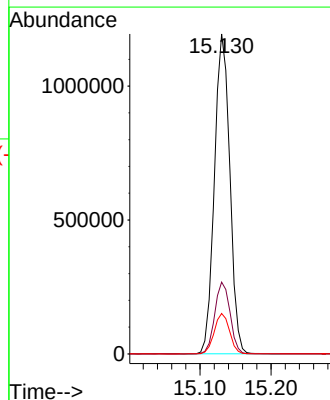
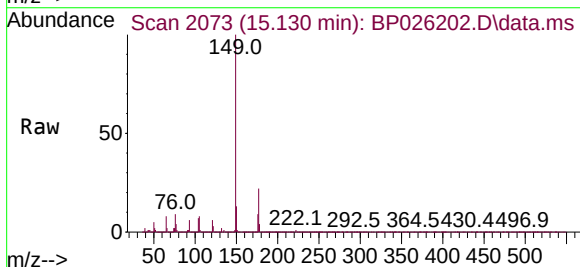
Instrument :
BNA_P
ClientSampleId :
SB-1125-15BMSD

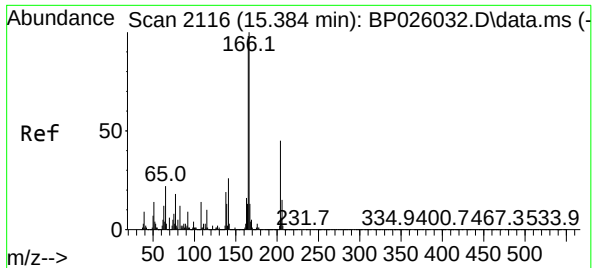
Tgt Ion:232 Resp: 468980
Ion Ratio Lower Upper
232 100
131 43.3 34.8 52.2
130 2.3 1.8 2.8
166 30.4 24.5 36.7



#60
Diethylphthalate
Concen: 48.758 ng
RT: 15.130 min Scan# 2073
Delta R.T. -0.041 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion:149 Resp: 1801490
Ion Ratio Lower Upper
149 100
177 22.4 17.9 26.9
150 12.6 9.9 14.9

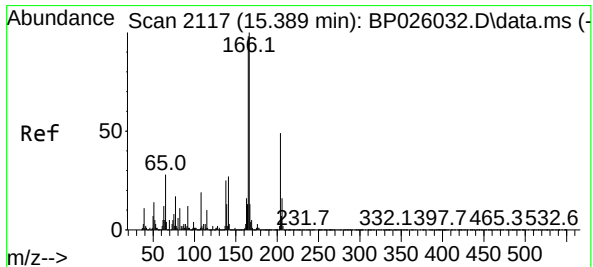
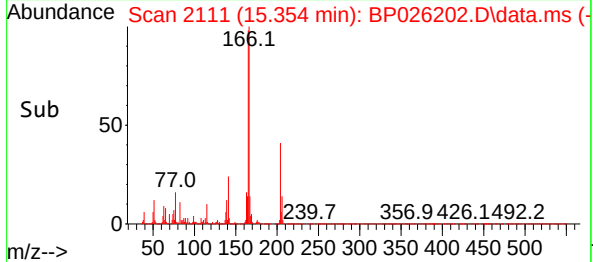
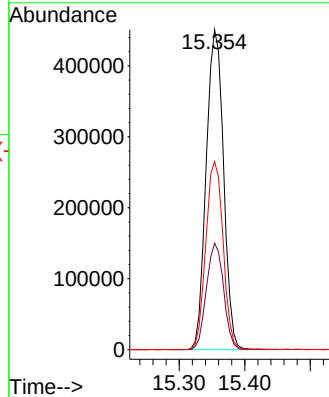
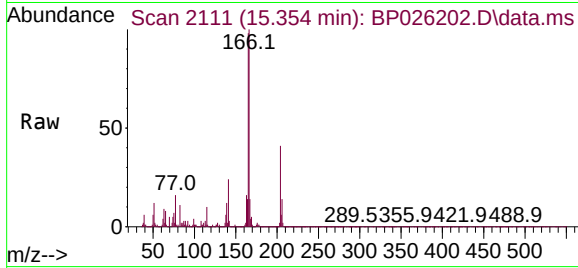




#61
4-Chlorophenyl-phenylether
Concen: 48.285 ng
RT: 15.354 min Scan# 2111
Delta R.T. -0.035 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

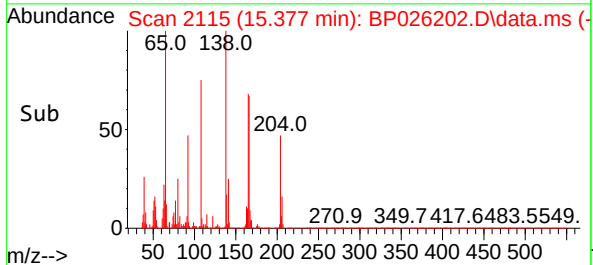
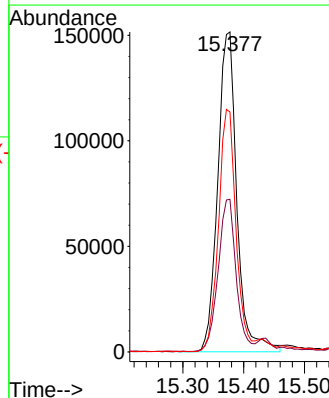
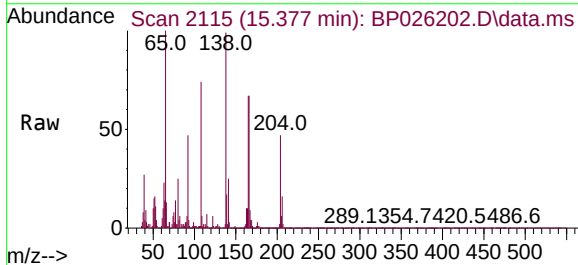
Instrument :
BNA_P
ClientSampleId :
SB-1125-15BMSD

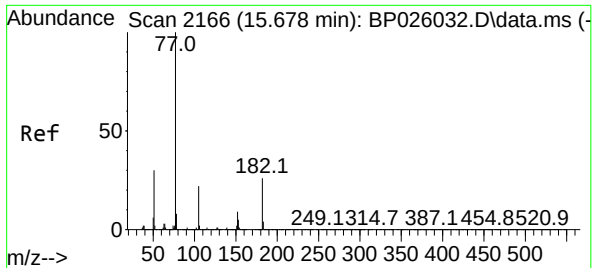
Tgt Ion:204 Resp: 826679
Ion Ratio Lower Upper
204 100
206 33.3 26.2 39.2
141 58.8 48.1 72.1



#62
4-Nitroaniline
Concen: 37.253 ng
RT: 15.377 min Scan# 2115
Delta R.T. -0.024 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion:138 Resp: 331015
Ion Ratio Lower Upper
138 100
92 47.7 27.5 67.5
108 75.0 51.1 91.1



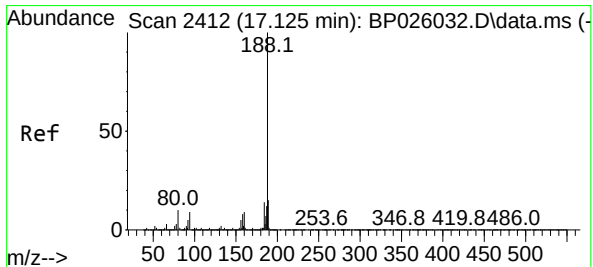
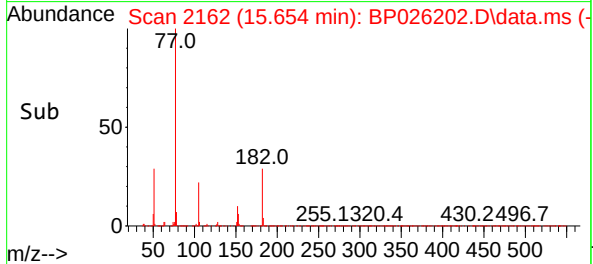
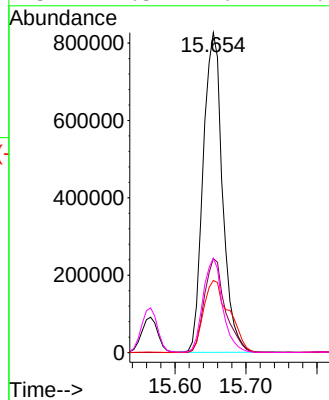
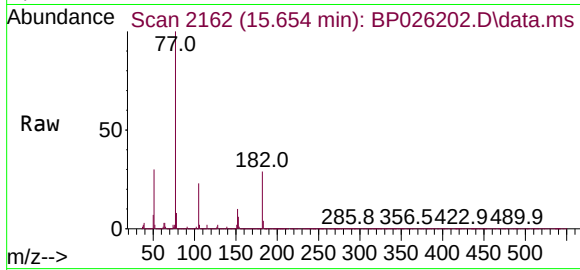


#63
Azobenzene
Concen: 50.003 ng
RT: 15.654 min Scan# 2166
Delta R.T. -0.035 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Instrument :
BNA_P
ClientSampleId :
SB-1125-15BMSD

Tgt Ion: 77 Resp: 1557769

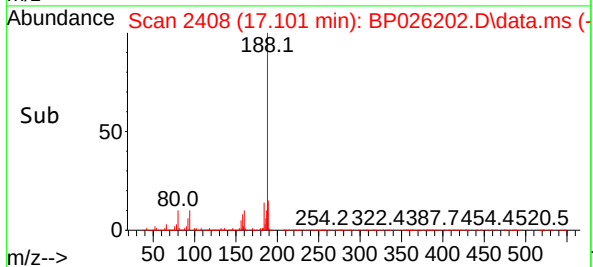
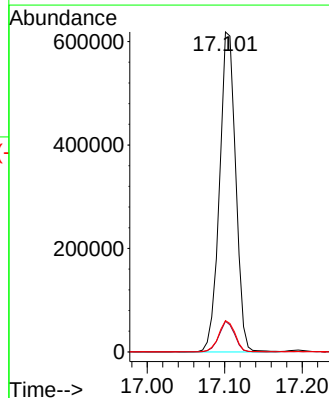
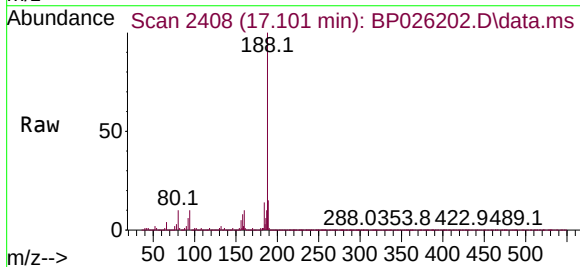
Ion	Ratio	Lower	Upper
77	100		
182	29.4	8.8	48.8
105	22.5	2.6	42.6
51	29.5	9.2	49.2

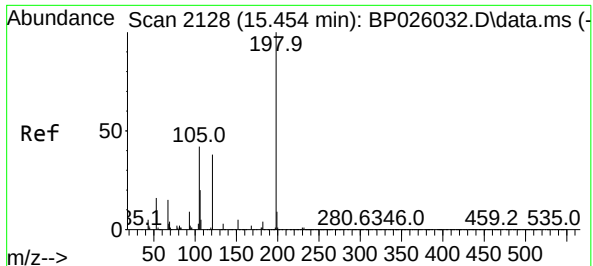


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.101 min Scan# 2408
Delta R.T. -0.030 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion:188 Resp: 902556

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.8	11.6
80	9.8	8.2	12.2

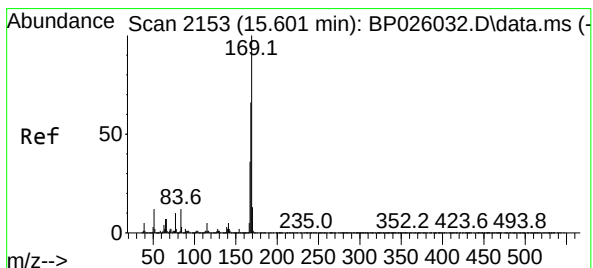
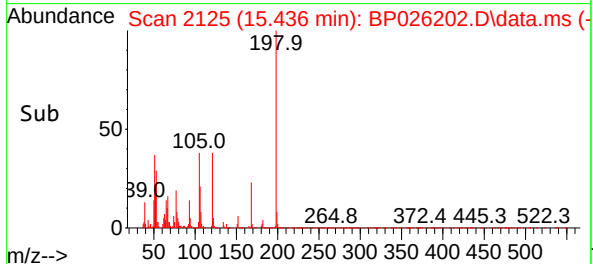
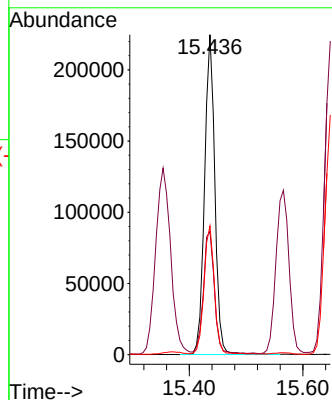
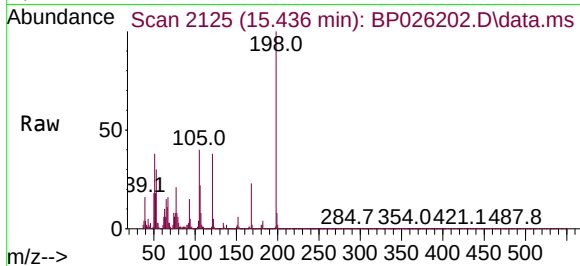




#65
4,6-Dinitro-2-methylphenol
Concen: 49.378 ng
RT: 15.436 min Scan# 2117
Delta R.T. -0.030 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

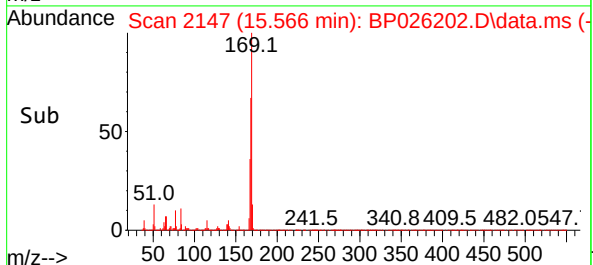
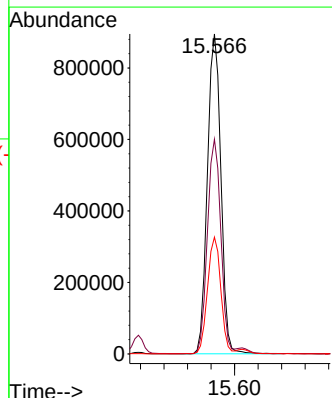
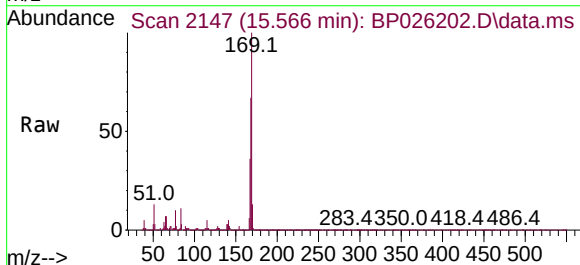
Instrument :
BNA_P
ClientSampleId :
SB-1125-15BMSD

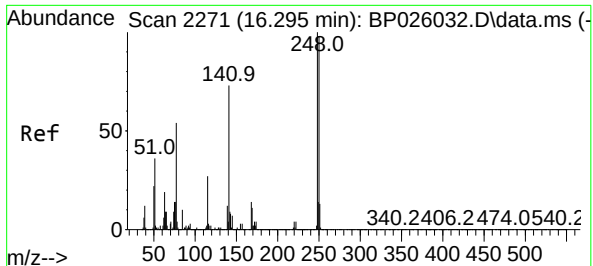
Tgt Ion:198 Resp: 283125
Ion Ratio Lower Upper
198 100
51 38.5 18.4 58.4
105 40.2 18.5 58.5



#66
n-Nitrosodiphenylamine
Concen: 51.233 ng
RT: 15.566 min Scan# 2147
Delta R.T. -0.041 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion:169 Resp: 1430410
Ion Ratio Lower Upper
169 100
168 67.1 53.1 79.7
167 36.5 28.9 43.3

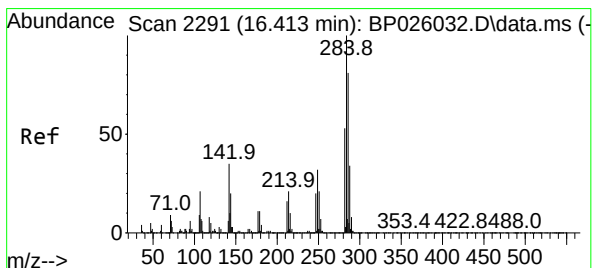
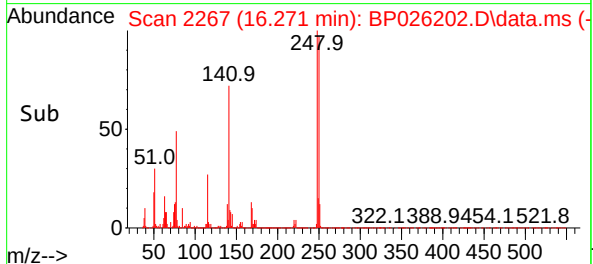
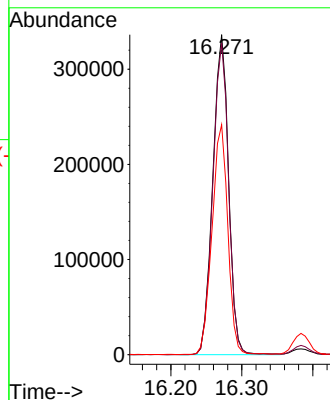
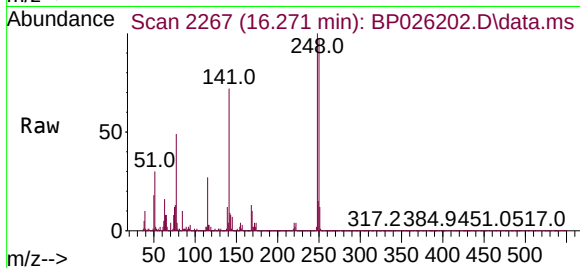




#67
4-Bromophenyl-phenylether
Concen: 51.929 ng
RT: 16.271 min Scan# 21
Delta R.T. -0.035 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

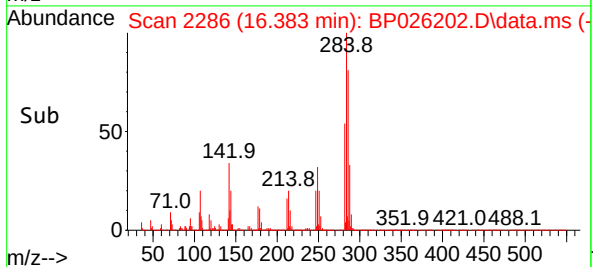
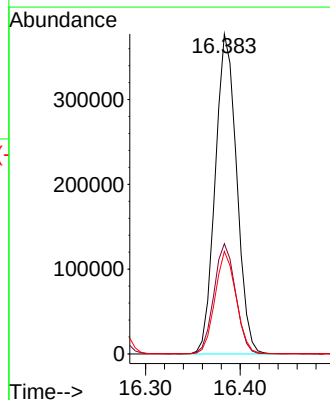
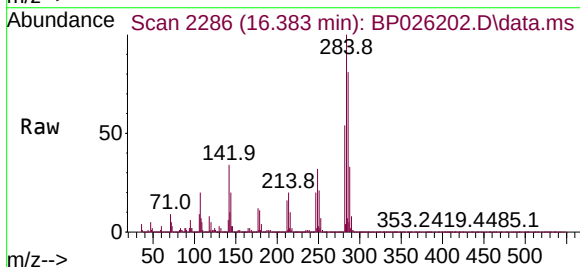
Instrument :
BNA_P
ClientSampleId :
SB-1125-15BMSD

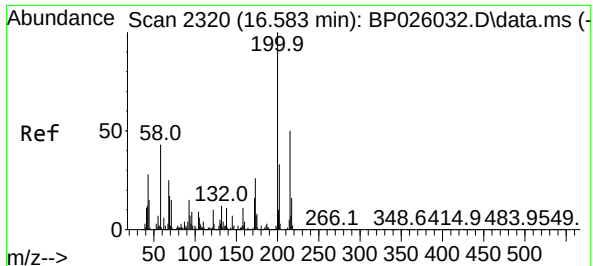
Tgt Ion:248 Resp: 519059
Ion Ratio Lower Upper
248 100
250 97.4 77.8 116.6
141 71.8 55.4 83.0



#68
Hexachlorobenzene
Concen: 51.166 ng
RT: 16.383 min Scan# 2286
Delta R.T. -0.041 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion:284 Resp: 593459
Ion Ratio Lower Upper
284 100
142 34.4 28.0 42.0
249 32.0 25.0 37.4

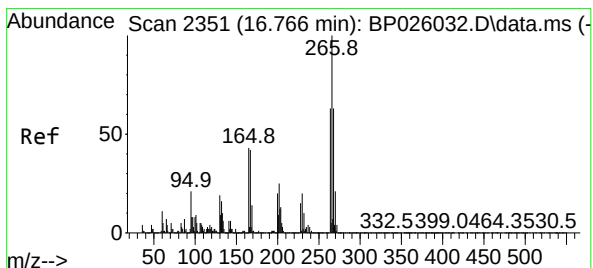
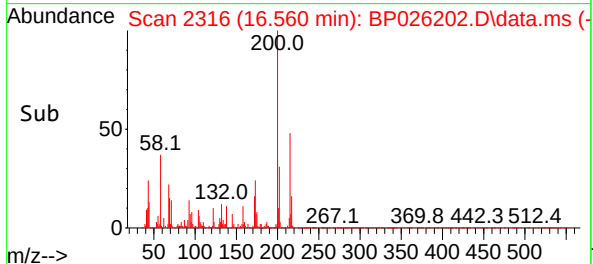
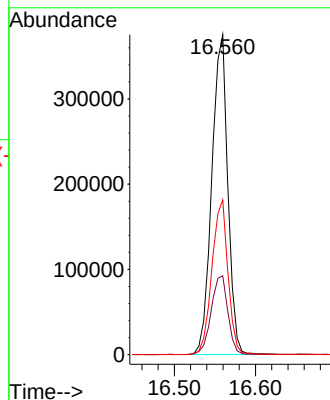
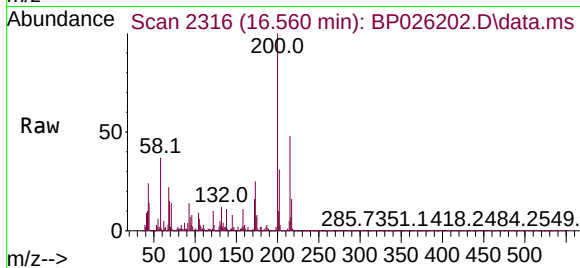




#69
 Atrazine
 Concen: 48.862 ng
 RT: 16.560 min Scan# 2316
 Delta R.T. -0.030 min
 Lab File: BP026202.D
 Acq: 01 Dec 2025 18:40

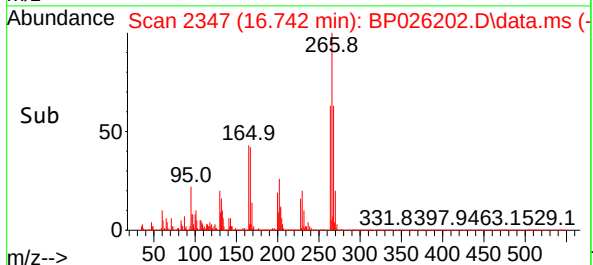
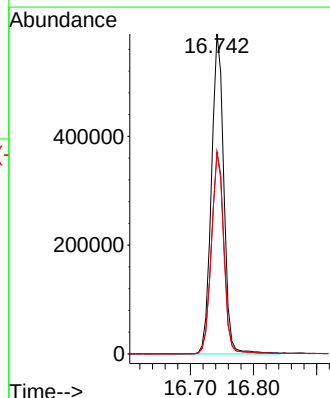
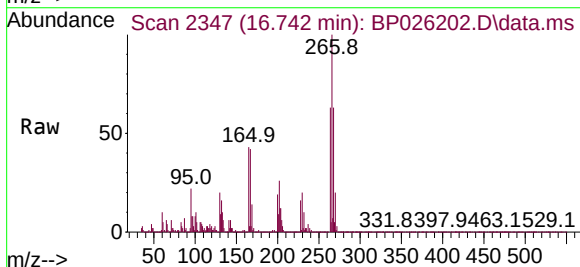
Instrument :
 BNA_P
 ClientSampleId :
 SB-1125-15BMSD

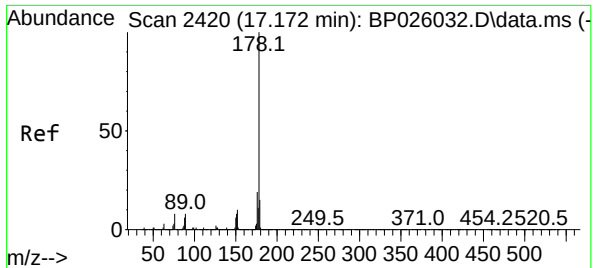
Tgt Ion:200 Resp: 514429
 Ion Ratio Lower Upper
 200 100
 173 24.6 6.7 46.7
 215 48.4 27.4 67.4



#70
 Pentachlorophenol
 Concen: 98.613 ng
 RT: 16.742 min Scan# 2347
 Delta R.T. -0.035 min
 Lab File: BP026202.D
 Acq: 01 Dec 2025 18:40

Tgt Ion:266 Resp: 800085
 Ion Ratio Lower Upper
 266 100
 268 63.1 51.0 76.4
 264 62.9 50.2 75.2

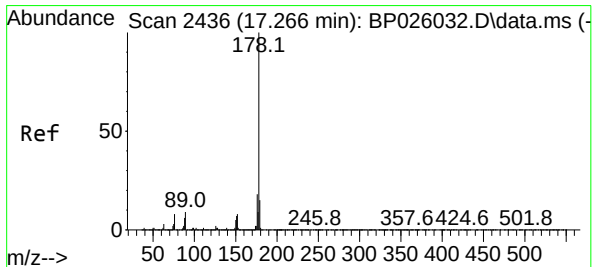
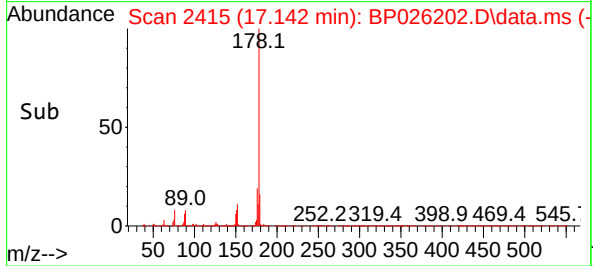
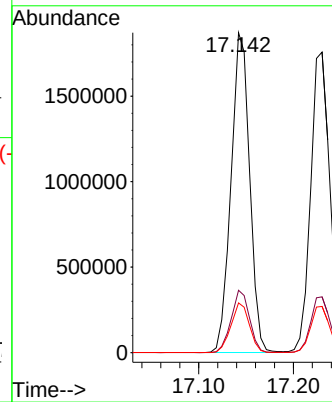
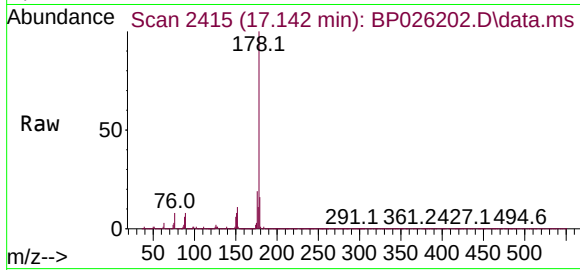




#71
Phenanthrene
Concen: 50.298 ng
RT: 17.142 min Scan# 24
Delta R.T. -0.035 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

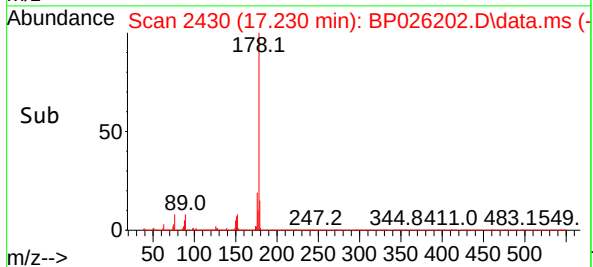
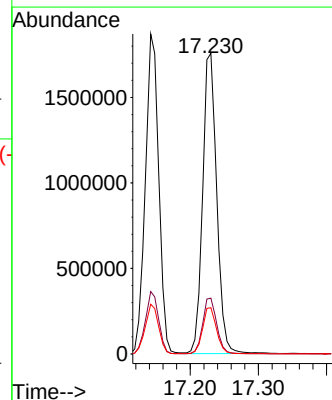
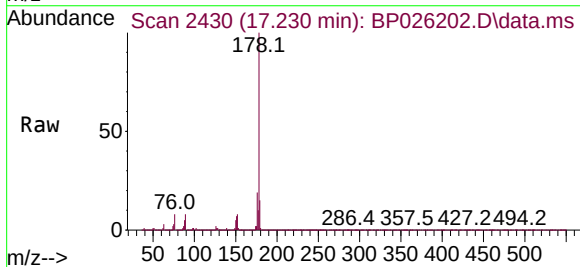
Instrument :
BNA_P
ClientSampleId :
SB-1125-15BMSD

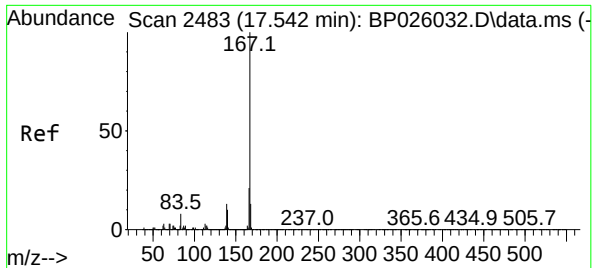
Tgt Ion:178 Resp: 2557324
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 15.5 12.4 18.6



#72
Anthracene
Concen: 48.662 ng
RT: 17.230 min Scan# 2430
Delta R.T. -0.041 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion:178 Resp: 2523464
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 15.3 12.2 18.4

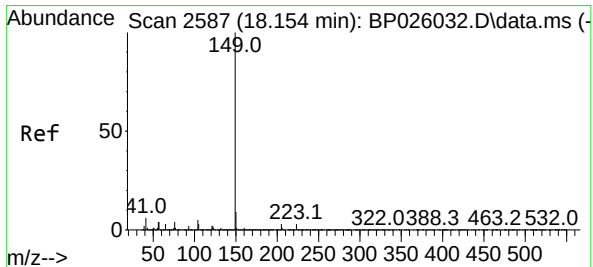
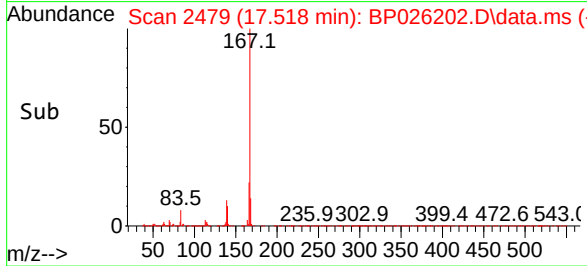
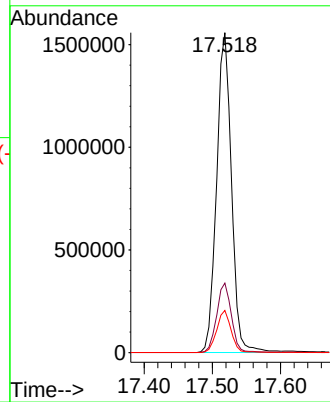
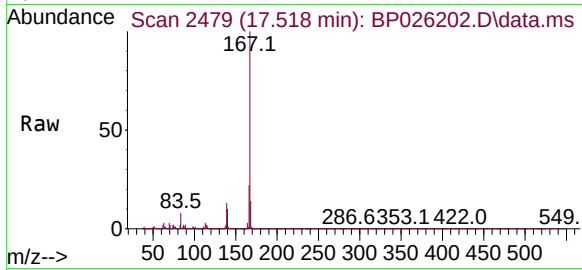




#73
 Carbazole
 Concen: 47.805 ng
 RT: 17.518 min Scan# 2483
 Delta R.T. -0.024 min
 Lab File: BP026202.D
 Acq: 01 Dec 2025 18:40

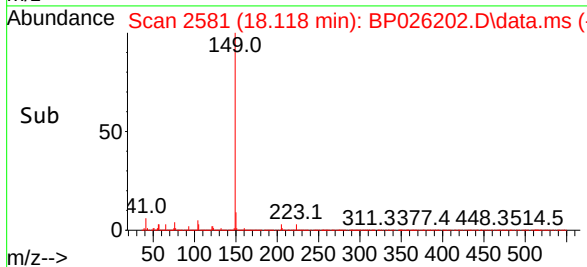
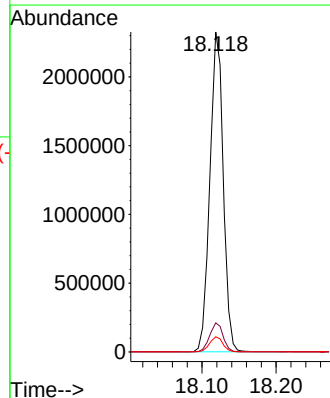
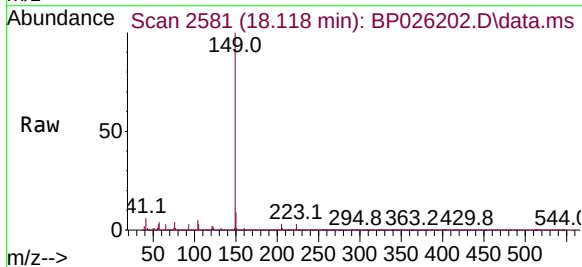
Instrument :
 BNA_P
 ClientSampleId :
 SB-1125-15BMSD

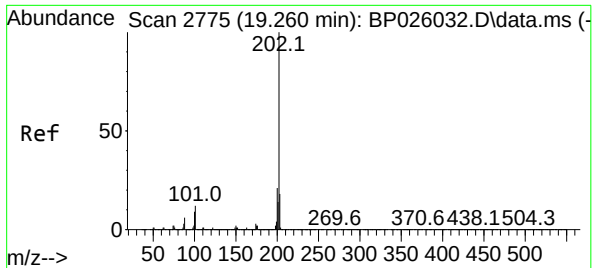
Tgt Ion:167 Resp: 2354571
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.1 25.7
 139 13.2 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 49.862 ng
 RT: 18.118 min Scan# 2581
 Delta R.T. -0.041 min
 Lab File: BP026202.D
 Acq: 01 Dec 2025 18:40

Tgt Ion:149 Resp: 2911527
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.5 11.3
 104 4.7 3.6 5.4

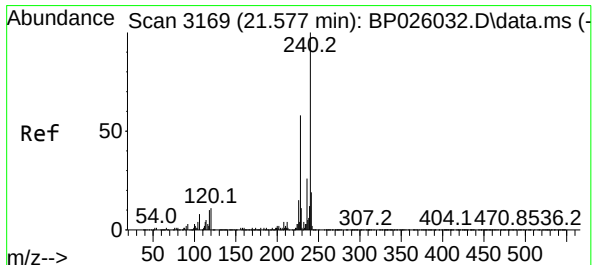
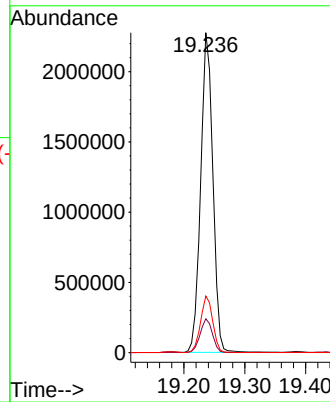
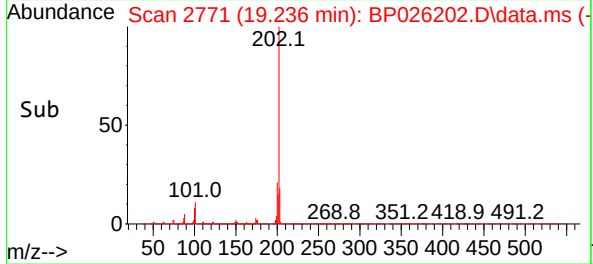
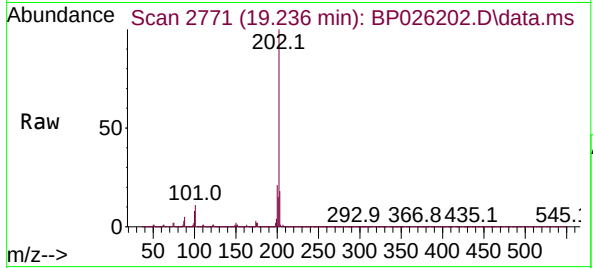




#75
Fluoranthene
Concen: 51.156 ng
RT: 19.236 min Scan# 21
Delta R.T. -0.030 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

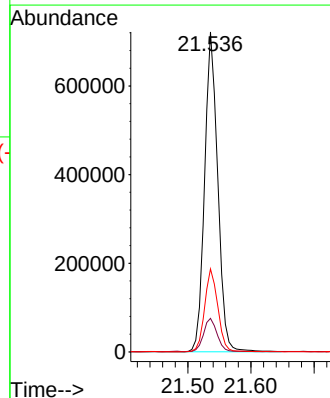
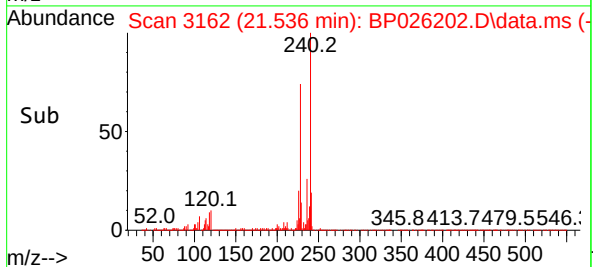
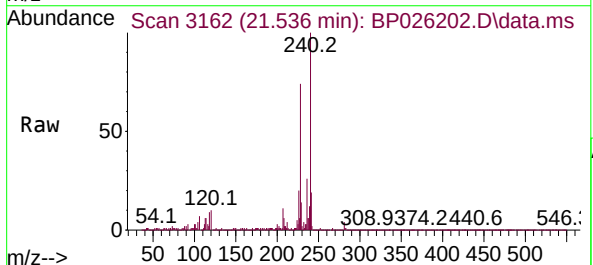
Instrument :
BNA_P
ClientSampleId :
SB-1125-15BMSD

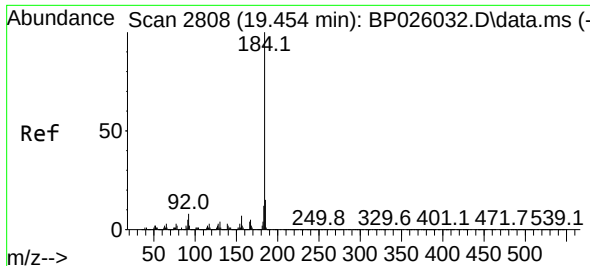
Tgt Ion:202 Resp: 3160121
Ion Ratio Lower Upper
202 100
101 10.6 0.0 31.2
203 17.7 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.536 min Scan# 3162
Delta R.T. -0.035 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion:240 Resp: 1043295
Ion Ratio Lower Upper
240 100
120 10.5 9.0 13.4
236 25.9 20.4 30.6

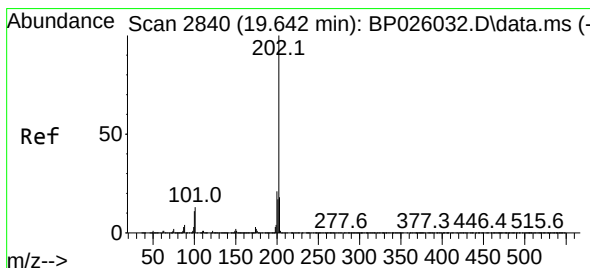
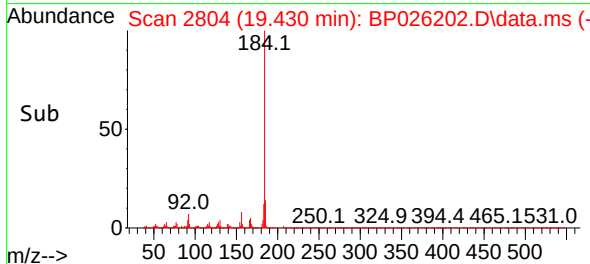
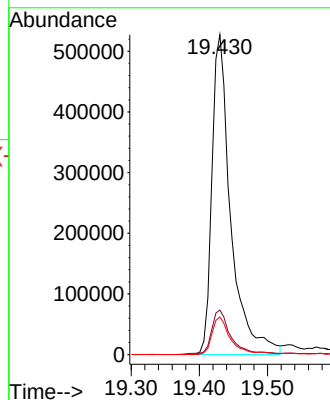
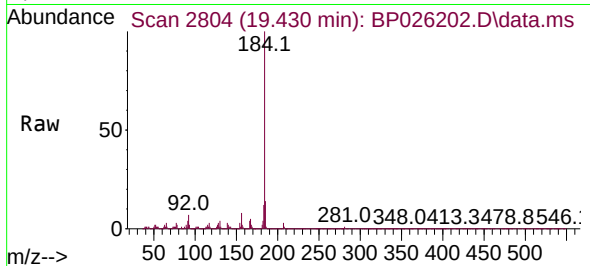




#77
Benzidine
Concen: 30.507 ng
RT: 19.430 min Scan# 2804
Delta R.T. -0.035 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

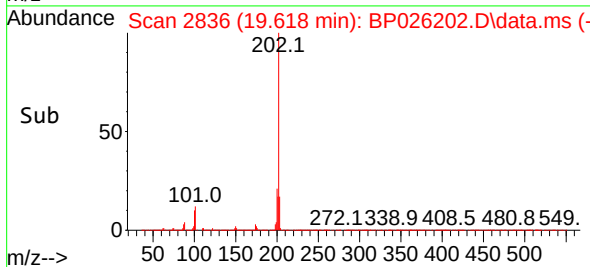
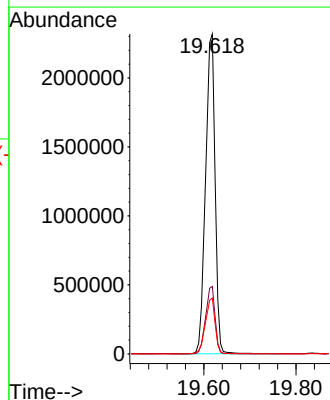
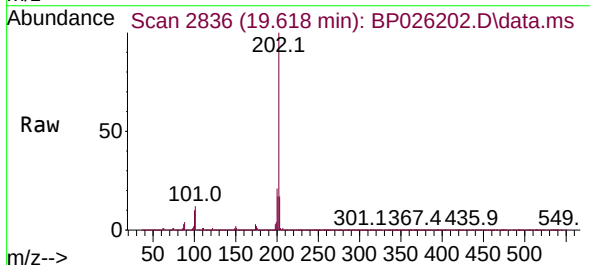
Instrument :
BNA_P
ClientSampleId :
SB-1125-15BMSD

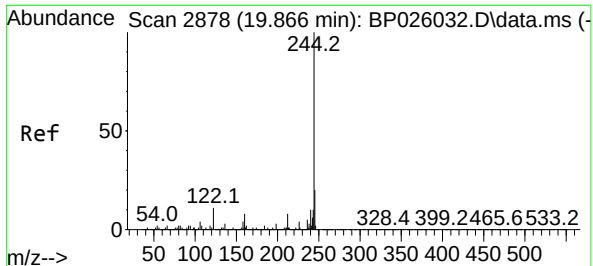
Tgt Ion:184 Resp: 1010085
Ion Ratio Lower Upper
184 100
185 13.9 11.3 16.9
183 11.8 9.0 13.6



#78
Pyrene
Concen: 48.520 ng
RT: 19.618 min Scan# 2836
Delta R.T. -0.024 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion:202 Resp: 3319084
Ion Ratio Lower Upper
202 100
200 21.1 16.9 25.3
203 17.4 13.8 20.8





#79

Terphenyl-d14

Concen: 40.393 ng

RT: 19.836 min Scan# 2878

Delta R.T. -0.035 min

Lab File: BP026202.D

Acq: 01 Dec 2025 18:40

Instrument :

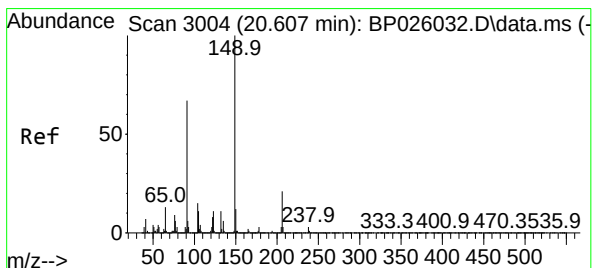
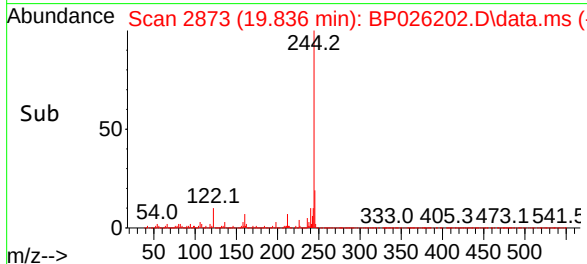
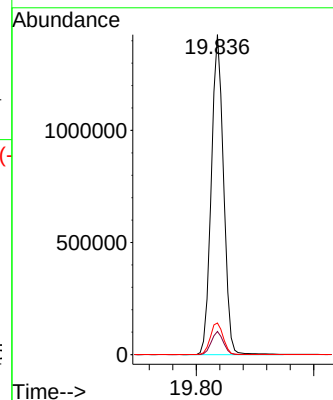
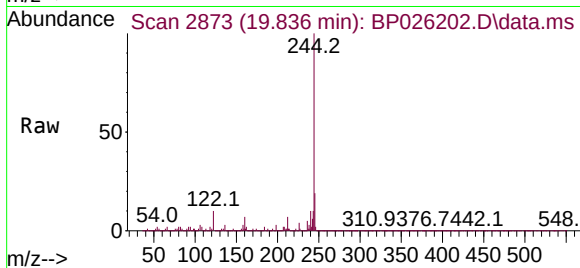
BNA_P

ClientSampleId :

SB-1125-15BMSD

Tgt Ion:244 Resp: 2066748

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	9.9	8.2	12.2



#80

Butylbenzylphthalate

Concen: 47.873 ng

RT: 20.577 min Scan# 2999

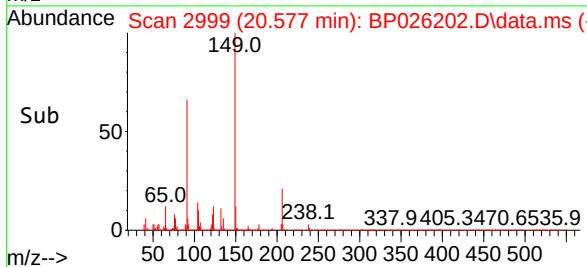
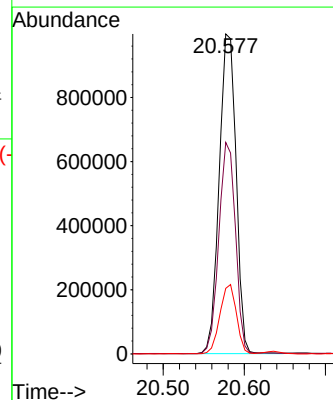
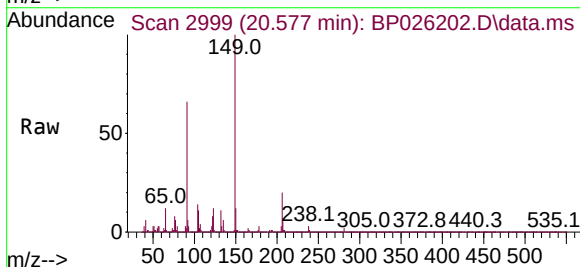
Delta R.T. -0.030 min

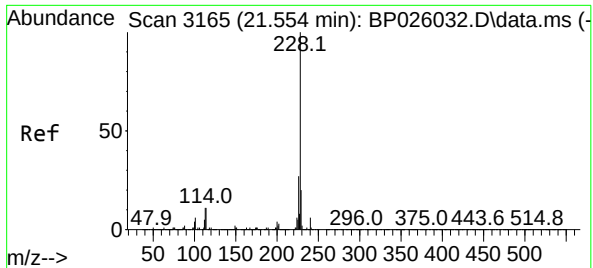
Lab File: BP026202.D

Acq: 01 Dec 2025 18:40

Tgt Ion:149 Resp: 1442210

Ion	Ratio	Lower	Upper
149	100		
91	66.1	52.6	79.0
206	20.5	16.9	25.3

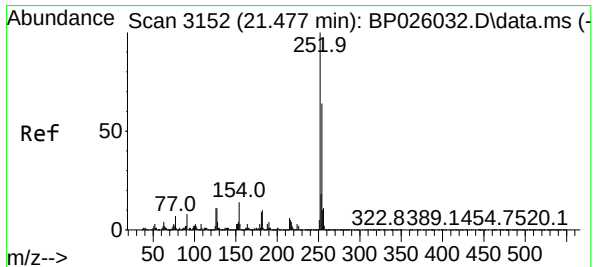
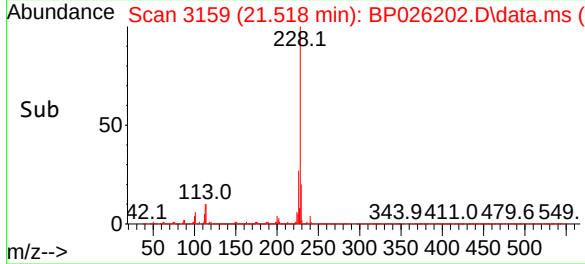
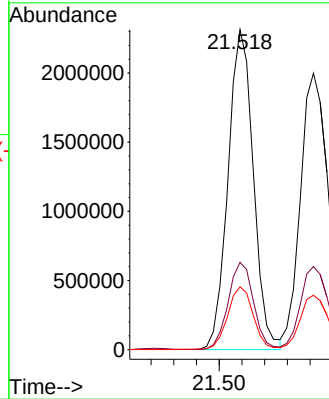
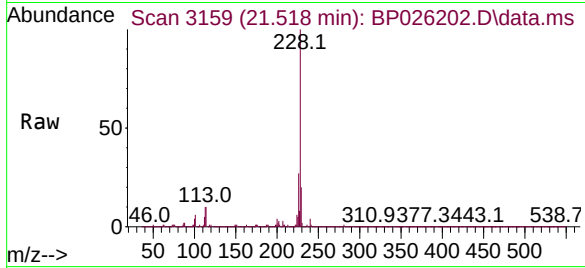




#81
Benzo(a)anthracene
Concen: 49.979 ng
RT: 21.518 min Scan# 3165
Delta R.T. -0.035 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

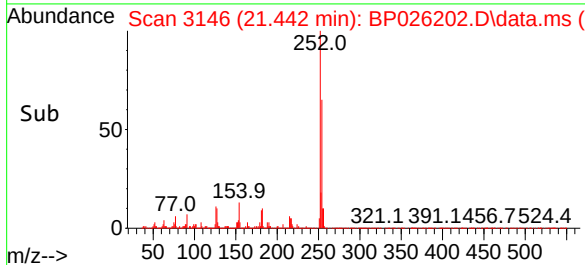
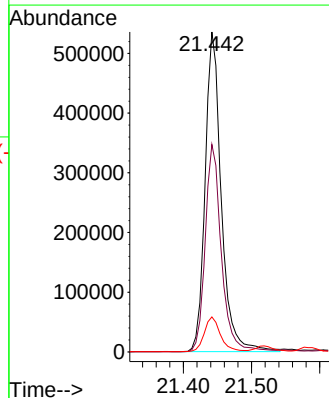
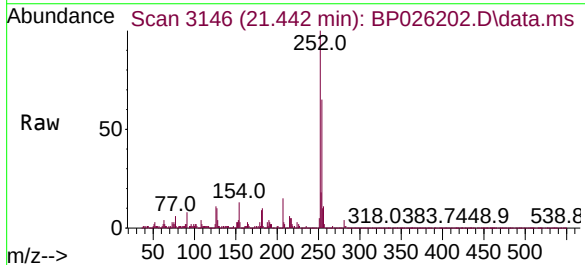
Instrument :
BNA_P
ClientSampleId :
SB-1125-15BMSD

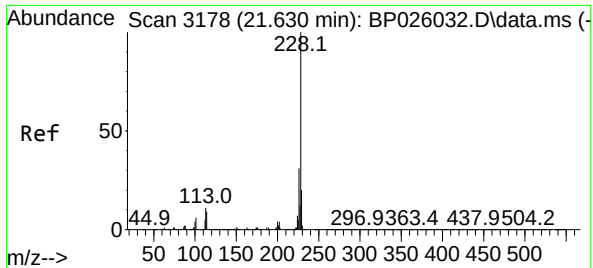
Tgt Ion:228 Resp: 3581129
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.6 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 33.933 ng
RT: 21.442 min Scan# 3146
Delta R.T. -0.047 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion:252 Resp: 884166
Ion Ratio Lower Upper
252 100
254 64.8 51.2 76.8
126 10.9 8.2 12.4





#83

Chrysene

Concen: 50.276 ng

RT: 21.583 min Scan# 31

Delta R.T. -0.035 min

Lab File: BP026202.D

Acq: 01 Dec 2025 18:40

Instrument :

BNA_P

ClientSampleId :

SB-1125-15BMSD

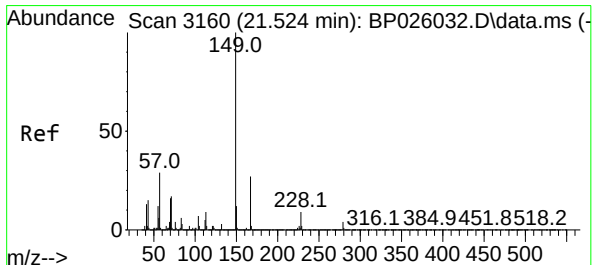
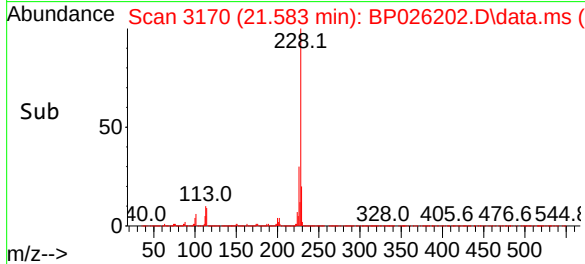
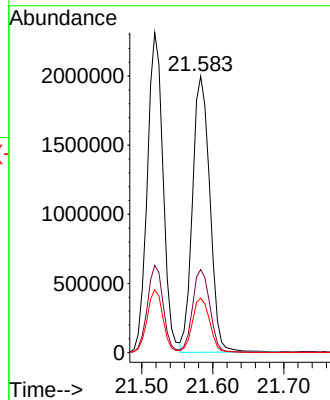
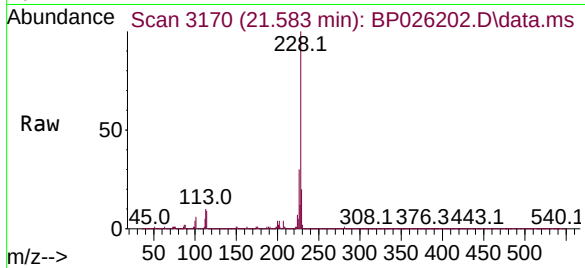
Tgt Ion:228 Resp: 3394993

Ion Ratio Lower Upper

228 100

226 30.1 23.9 35.9

229 19.7 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.497 ng

RT: 21.483 min Scan# 3153

Delta R.T. -0.035 min

Lab File: BP026202.D

Acq: 01 Dec 2025 18:40

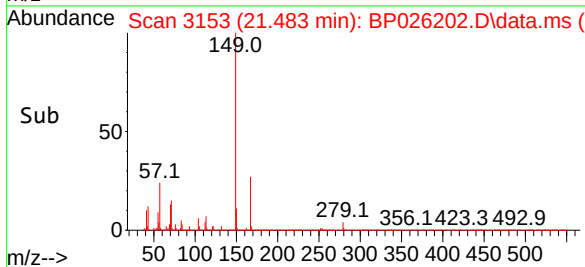
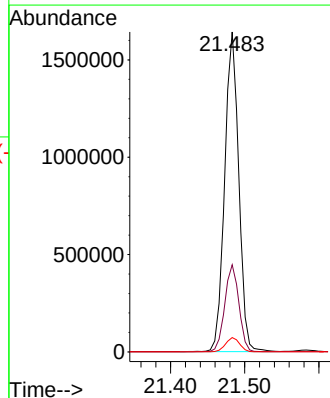
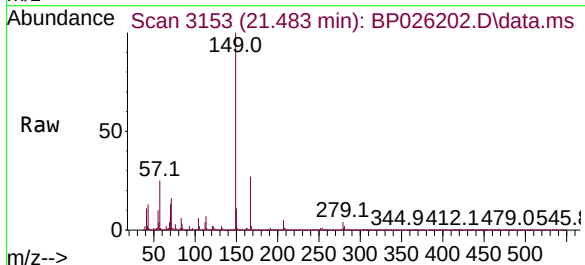
Tgt Ion:149 Resp: 2166021

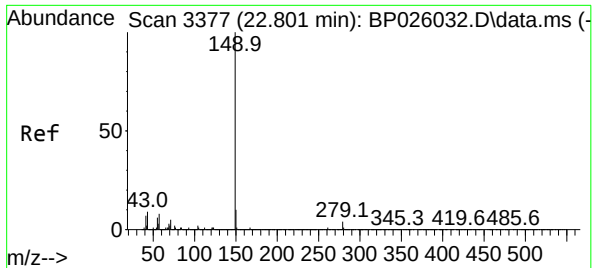
Ion Ratio Lower Upper

149 100

167 27.2 22.1 33.1

279 4.5 3.3 4.9

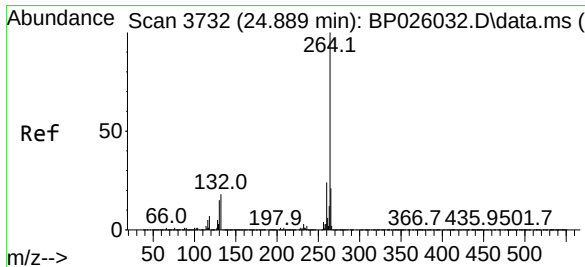
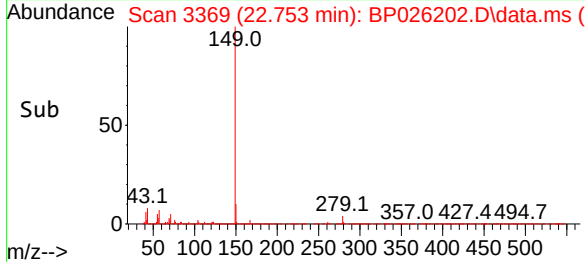
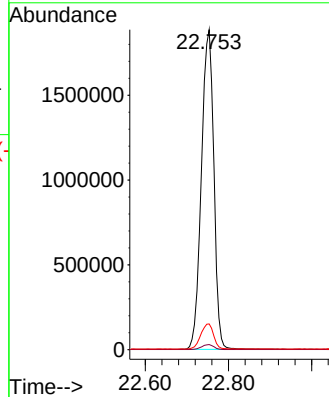
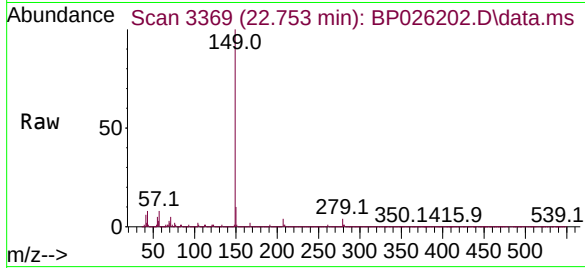




#85
Di-n-octyl phthalate
Concen: 49.010 ng
RT: 22.753 min Scan# 3377
Delta R.T. -0.053 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

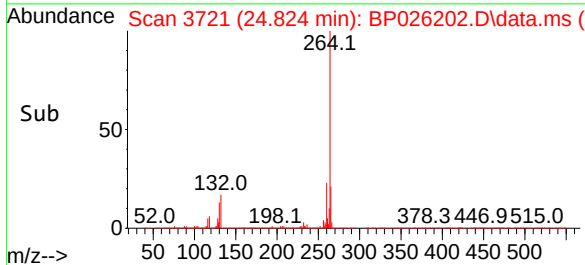
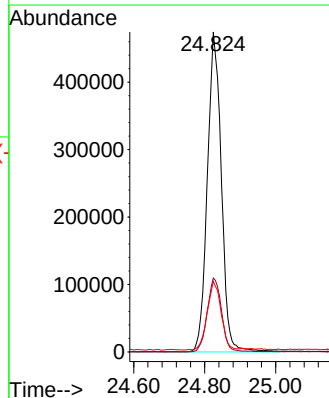
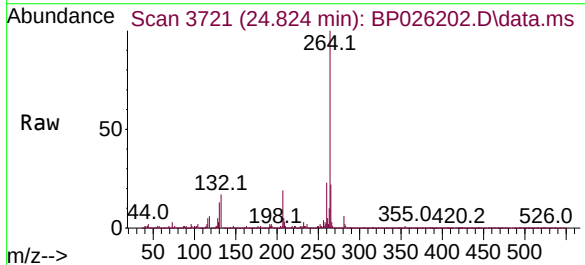
Instrument :
BNA_P
ClientSampleId :
SB-1125-15BMSD

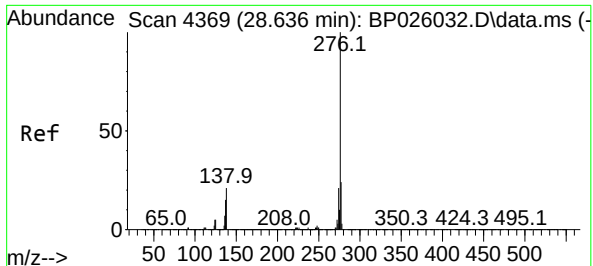
Tgt Ion:149 Resp: 3908126
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 8.1 6.6 10.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.824 min Scan# 3721
Delta R.T. -0.082 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion:264 Resp: 1293508
Ion Ratio Lower Upper
264 100
260 23.1 18.7 28.1
265 22.0 17.5 26.3

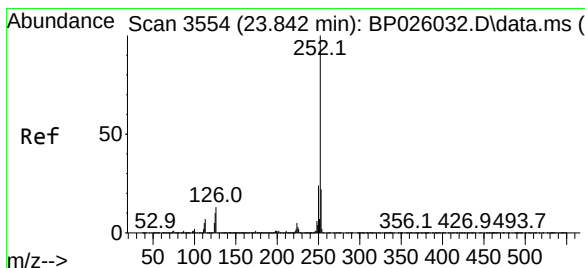
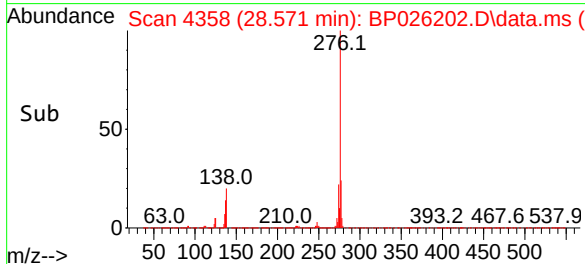
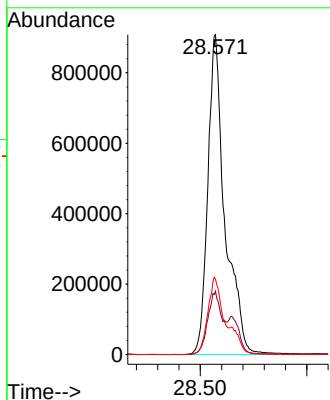
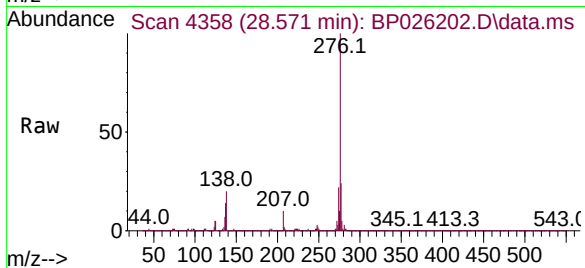




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 52.356 ng
 RT: 28.571 min Scan# 4369
 Delta R.T. -0.135 min
 Lab File: BP026202.D
 Acq: 01 Dec 2025 18:40

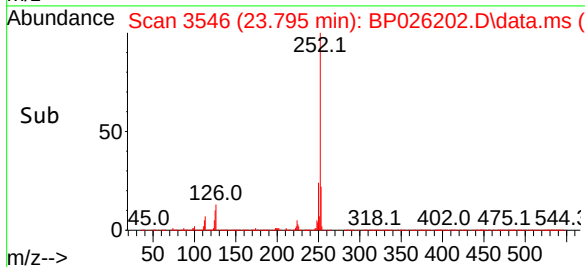
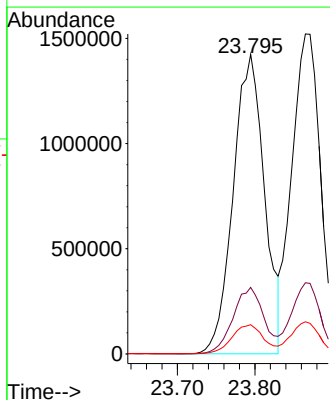
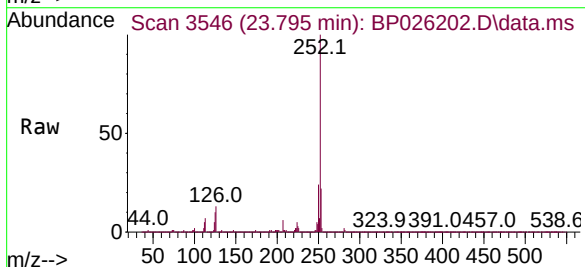
Instrument :
 BNA_P
 ClientSampleId :
 SB-1125-15BMSD

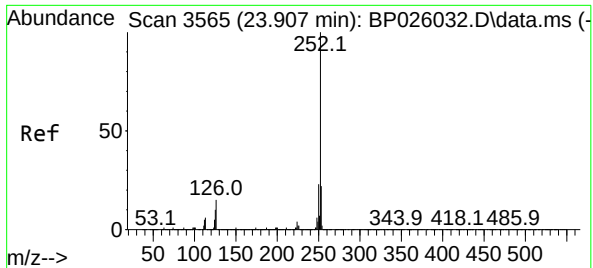
Tgt Ion:276 Resp: 5079022
 Ion Ratio Lower Upper
 276 100
 138 16.5 13.8 20.8
 277 21.0 16.7 25.1



#88
 Benzo(b)fluoranthene
 Concen: 50.711 ng
 RT: 23.795 min Scan# 3546
 Delta R.T. -0.071 min
 Lab File: BP026202.D
 Acq: 01 Dec 2025 18:40

Tgt Ion:252 Resp: 3994681
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.6 26.4
 125 9.8 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 50.063 ng

RT: 23.865 min Scan# 31

Delta R.T. -0.071 min

Lab File: BP026202.D

Acq: 01 Dec 2025 18:40

Instrument :

BNA_P

ClientSampleId :

SB-1125-15BMSD

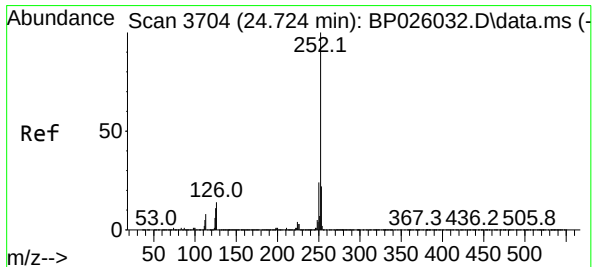
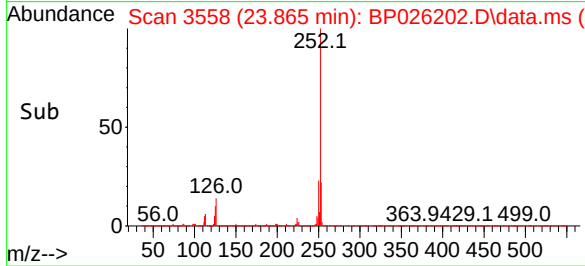
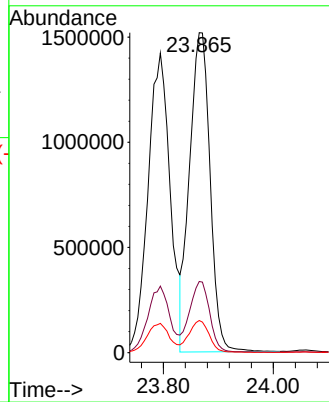
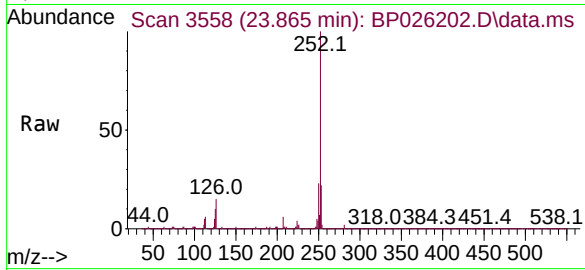
Tgt Ion:252 Resp: 3938879

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 10.0 7.5 11.3



#90

Benzo(a)pyrene

Concen: 52.311 ng

RT: 24.671 min Scan# 3695

Delta R.T. -0.082 min

Lab File: BP026202.D

Acq: 01 Dec 2025 18:40

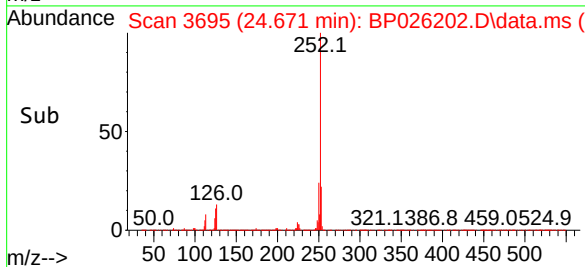
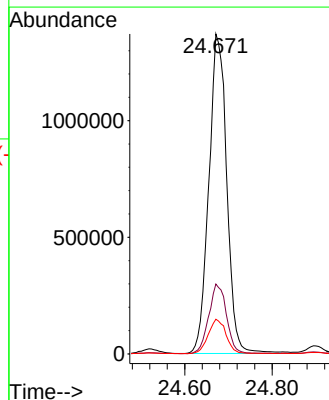
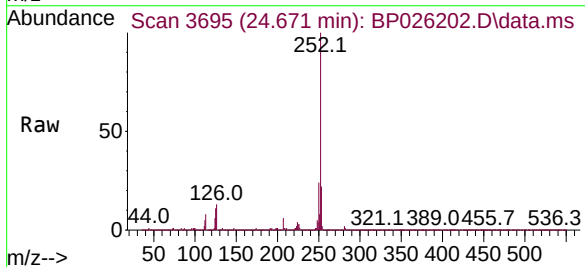
Tgt Ion:252 Resp: 3903195

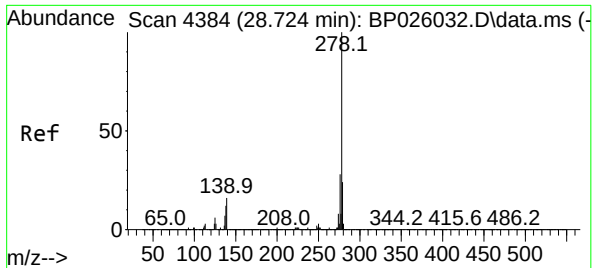
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 10.8 9.0 13.6

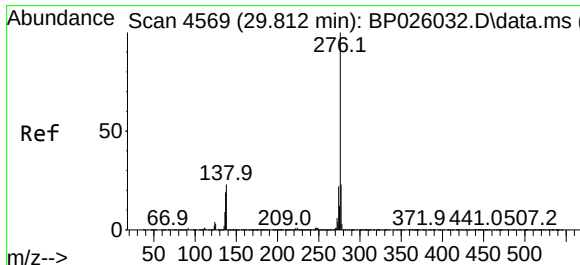
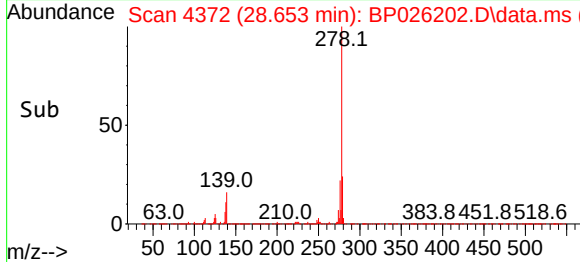
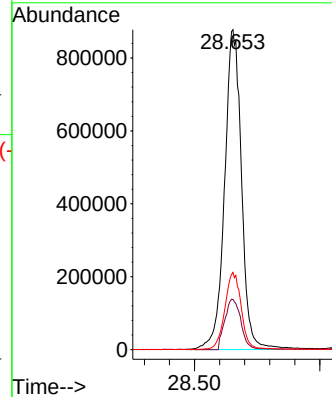
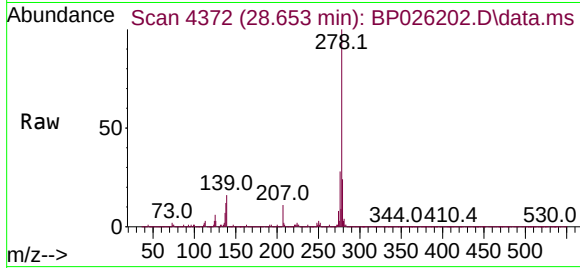




#91
Dibenzo(a,h)anthracene
Concen: 51.705 ng
RT: 28.653 min Scan# 4384
Delta R.T. -0.141 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

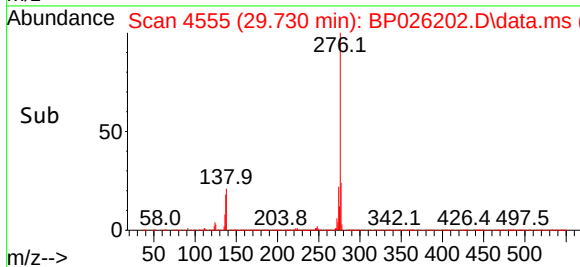
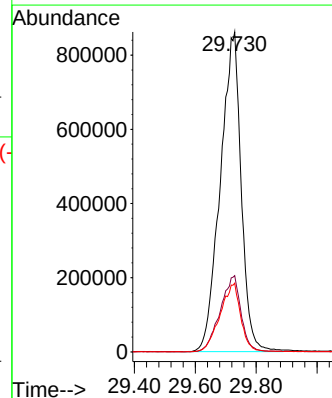
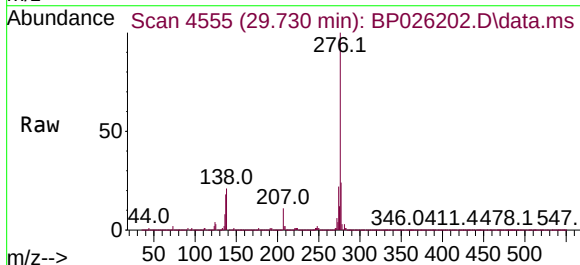
Instrument :
BNA_P
ClientSampleId :
SB-1125-15BMSD

Tgt Ion:278 Resp: 4106013
Ion Ratio Lower Upper
278 100
139 15.7 13.2 19.8
279 24.1 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 51.970 ng
RT: 29.730 min Scan# 4555
Delta R.T. -0.153 min
Lab File: BP026202.D
Acq: 01 Dec 2025 18:40

Tgt Ion:276 Resp: 4101991
Ion Ratio Lower Upper
276 100
277 23.8 18.8 28.2
138 21.5 17.8 26.6



Manual Integration Report

Sequence:

BF110525

Instrument

BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BF144170.D	Benzo(b)fluoranthene	rahul	11/6/2025 8:43:08 AM	Jagrut	11/6/2025 10:21:01 AM	Peak Integrated by Software
SSTDICV040	BF144177.D	Benzoic acid	rahul	11/6/2025 8:43:11 AM	Jagrut	11/6/2025 10:21:04 AM	Peak Integrated by Software



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Manual Integration Report

Sequence:

BF112625

Instrument

BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB170735BS	BF144360.D	Caprolactam	Jagrut	12/2/2025 3:51:20 PM	 	 	Peak Integrated by Software

Manual Integration Report

Sequence:	BP111825	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC020	BP026146.D	Benzo(g,h,i)perylene	Jagrut	11/19/2025 10:52:52 AM	Sohil	11/19/2025 3:40:17 PM	Peak Integrated by Software
SSTDICC020	BP026146.D	Indeno(1,2,3-cd)pyrene	Jagrut	11/19/2025 10:52:52 AM	Sohil	11/19/2025 3:40:17 PM	Peak Integrated by Software
SSTDICCC040	BP026147.D	Indeno(1,2,3-cd)pyrene	Jagrut	11/19/2025 10:52:55 AM	Sohil	11/19/2025 3:40:19 PM	Peak Integrated by Software
SSTDICC060	BP026149.D	Indeno(1,2,3-cd)pyrene	Jagrut	11/19/2025 10:52:57 AM	Sohil	11/19/2025 3:40:20 PM	Peak Integrated by Software
SSTDICC080	BP026150.D	Indeno(1,2,3-cd)pyrene	Jagrut	11/19/2025 10:52:59 AM	Sohil	11/19/2025 3:40:22 PM	Peak Integrated by Software
SSTDICV040	BP026151.D	Indeno(1,2,3-cd)pyrene	Jagrut	11/19/2025 10:53:01 AM	Sohil	11/19/2025 3:40:24 PM	Peak Integrated by Software



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Manual Integration Report

Sequence:

BP120125

Instrument

BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP026197.D	Indeno(1,2,3-cd)pyrene	Jagrut	12/2/2025 4:11:17 PM	 	 	Peak Integrated by Software

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF110525

Review By	rahul	Review On	11/5/2025 2:56:50 PM
Supervise By	Jagrut	Supervise On	11/6/2025 10:21:33 AM
SubDirectory	BF110525	HP Acquire Method	BNA_F
		HP Processing Method	BF110525
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13181,10ul/1000ul sample		
ICV/I.BLK	SP6872		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF144168.D	05 Nov 2025 12:21	RC/JU	Ok
2	SSTDICC2.5	BF144169.D	05 Nov 2025 12:50	RC/JU	Ok
3	SSTDICC005	BF144170.D	05 Nov 2025 13:20	RC/JU	Ok,M
4	SSTDICC010	BF144171.D	05 Nov 2025 13:50	RC/JU	Ok
5	SSTDICC020	BF144172.D	05 Nov 2025 14:20	RC/JU	Ok
6	SSTDICCC040	BF144173.D	05 Nov 2025 14:50	RC/JU	Ok
7	SSTDICC050	BF144174.D	05 Nov 2025 15:49	RC/JU	Ok
8	SSTDICC060	BF144175.D	05 Nov 2025 16:19	RC/JU	Ok
9	SSTDICC080	BF144176.D	05 Nov 2025 16:49	RC/JU	Ok
10	SSTDICV040	BF144177.D	05 Nov 2025 17:21	RC/JU	Ok,M
11	PB170372BL	BF144178.D	05 Nov 2025 18:10	RC/JU	Ok

M : Manual Integration

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF112625

Review By	Jagrut	Review On	12/2/2025 4:03:33 PM
Supervise By		Supervise On	
SubDirectory	BF112625	HP Acquire Method	BNA_F
		HP Processing Method	BF110525
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13184,10ul/1000ul sample		
ICV/I.BLK	SP6872		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF144357.D	26 Nov 2025 13:00	RC/JU	Ok
2	SSTDCCC040	BF144358.D	26 Nov 2025 13:30	RC/JU	Ok
3	PB170735BL	BF144359.D	26 Nov 2025 14:00	RC/JU	Ok
4	PB170735BS	BF144360.D	26 Nov 2025 14:30	RC/JU	Ok,NS
5	Q3604-04	BF144361.D	26 Nov 2025 15:11	RC/JU	Ok
6	Q3604-05	BF144362.D	26 Nov 2025 15:41	RC/JU	Ok
7	Q3719-01	BF144363.D	26 Nov 2025 16:11	RC/JU	Ok,NS
8	Q3719-02	BF144364.D	26 Nov 2025 16:42	RC/JU	Ok,NS
9	Q3719-03	BF144365.D	26 Nov 2025 17:12	RC/JU	Ok,NS
10	Q3719-04	BF144366.D	26 Nov 2025 17:42	RC/JU	Ok,NS
11	Q3719-05	BF144367.D	26 Nov 2025 18:12	RC/JU	Ok,NS
12	Q3719-06	BF144368.D	26 Nov 2025 18:42	RC/JU	Ok,NS
13	Q3719-07	BF144369.D	26 Nov 2025 19:13	RC/JU	Ok,NS
14	Q3719-08	BF144370.D	26 Nov 2025 19:43	RC/JU	Ok,NS
15	Q3719-09	BF144371.D	26 Nov 2025 20:13	RC/JU	Ok,NS
16	Q3719-10	BF144372.D	26 Nov 2025 20:43	RC/JU	Not Ok
17	Q3719-10MS	BF144373.D	26 Nov 2025 21:13	RC/JU	Not Ok
18	Q3719-10MSD	BF144374.D	26 Nov 2025 21:43	RC/JU	Not Ok
19	Q3719-12	BF144375.D	26 Nov 2025 22:13	RC/JU	Ok,NS
20	Q3714-01	BF144376.D	26 Nov 2025 22:43	RC/JU	Ok,NS
21	Q3721-01	BF144377.D	26 Nov 2025 23:14	RC/JU	Ok

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF112625

Review By	Jagrut	Review On	12/2/2025 4:03:33 PM
Supervise By		Supervise On	
SubDirectory	BF112625	HP Acquire Method	BNA_F
		HP Processing Method	BF110525
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13184,10ul/1000ul sample		
ICV/I.BLK	SP6872		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	Q3721-01MS	BF144378.D	26 Nov 2025 23:44	RC/JU	Ok
23	Q3721-01MSD	BF144379.D	27 Nov 2025 00:14	RC/JU	Ok,NS
24	Q3723-01	BF144380.D	27 Nov 2025 00:44	RC/JU	Ok,NS

M : Manual Integration

Instrument ID: **BNA_P**

Daily Analysis Runlog For Sequence/QC Batch ID # BP111825

Review By	Jagrut	Review On	11/19/2025 10:53:24 AM
Supervise By	Sohil	Supervise On	11/19/2025 3:40:33 PM
SubDirectory	BP111825	HP Acquire Method	BNA_P
		HP Processing Method	BP111825
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6910,SP6911,SP6912,SP6913,SP6914,SP6915,SP6916,SP6917		
CCC	SP6913		
Internal Standard/PEM	S13183,10ul/1000ul sample		
ICV/I.BLK	SP6928		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP026142.D	18 Nov 2025 13:45	RC/JU	Ok
2	SSTDICC2.5	BP026143.D	18 Nov 2025 14:31	RC/JU	Ok
3	SSTDICC005	BP026144.D	18 Nov 2025 15:12	RC/JU	Ok
4	SSTDICC010	BP026145.D	18 Nov 2025 15:54	RC/JU	Ok
5	SSTDICC020	BP026146.D	18 Nov 2025 16:35	RC/JU	Ok,M
6	SSTDICCC040	BP026147.D	18 Nov 2025 17:57	RC/JU	Ok,M
7	SSTDICC050	BP026148.D	18 Nov 2025 18:38	RC/JU	Ok
8	SSTDICC060	BP026149.D	18 Nov 2025 20:00	RC/JU	Ok,M
9	SSTDICC080	BP026150.D	18 Nov 2025 21:22	RC/JU	Ok,M
10	SSTDICV040	BP026151.D	18 Nov 2025 23:25	RC/JU	Ok,M
11	PB170493TB	BP026152.D	19 Nov 2025 00:06	RC/JU	Ok

M : Manual Integration

Instrument ID: **BNA_P**

Daily Analysis Runlog For Sequence/QC Batch ID # BP120125

Review By	Jagrut	Review On	12/2/2025 4:18:26 PM
Supervise By		Supervise On	
SubDirectory	BP120125	HP Acquire Method	BNA_P
		HP Processing Method	BP111825
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6910,SP6911,SP6912,SP6913,SP6914,SP6915,SP6916,SP6917		
CCC	SP6913		
Internal Standard/PEM	S13184,10ul/1000ul sample		
ICV/I.BLK	SP6928		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP026196.D	01 Dec 2025 12:48	RC/JU	Ok
2	SSTDCCC040	BP026197.D	01 Dec 2025 14:09	RC/JU	Ok,NS
3	PB170743BL	BP026198.D	01 Dec 2025 14:50	RC/JU	Ok
4	PB170743BS	BP026199.D	01 Dec 2025 15:31	RC/JU	Ok,NS
5	PB170743BSD	BP026200.D	01 Dec 2025 16:12	RC/JU	Ok
6	Q3719-10MS	BP026201.D	01 Dec 2025 17:51	RC/JU	Ok
7	Q3719-10MSD	BP026202.D	01 Dec 2025 18:40	RC/JU	Ok
8	Q3719-10	BP026203.D	01 Dec 2025 19:21	RC/JU	Ok
9	Q3716-01	BP026204.D	01 Dec 2025 20:02	RC/JU	Ok,NS
10	Q3716-02	BP026205.D	01 Dec 2025 20:43	RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF110525

Review By	rahul	Review On	11/5/2025 2:56:50 PM
Supervise By	Jagrut	Supervise On	11/6/2025 10:21:33 AM
SubDirectory	BF110525	HP Acquire Method	BNA_F
		HP Processing Method	BF110525

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13181,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF144168.D	05 Nov 2025 12:21		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BF144169.D	05 Nov 2025 12:50		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BF144170.D	05 Nov 2025 13:20		RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BF144171.D	05 Nov 2025 13:50		RC/JU	Ok
5	SSTDICC020	SSTDICC020	BF144172.D	05 Nov 2025 14:20		RC/JU	Ok
6	SSTDICCC040	SSTDICCC040	BF144173.D	05 Nov 2025 14:50	Compound #41 kept on QR	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BF144174.D	05 Nov 2025 15:49		RC/JU	Ok
8	SSTDICC060	SSTDICC060	BF144175.D	05 Nov 2025 16:19		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BF144176.D	05 Nov 2025 16:49		RC/JU	Ok
10	SSTDICV040	ICVBF110525	BF144177.D	05 Nov 2025 17:21		RC/JU	Ok,M
11	PB170372BL	PB170372BL	BF144178.D	05 Nov 2025 18:10		RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF112625

Review By	Jagrut	Review On	12/2/2025 4:03:33 PM
Supervise By		Supervise On	
SubDirectory	BF112625	HP Acquire Method	BNA_F
		HP Processing Method	BF110525

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13184,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF144357.D	26 Nov 2025 13:00		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF144358.D	26 Nov 2025 13:30		RC/JU	Ok
3	PB170735BL	PB170735BL	BF144359.D	26 Nov 2025 14:00		RC/JU	Ok
4	PB170735BS	PB170735BS	BF144360.D	26 Nov 2025 14:30		RC/JU	Ok,NS
5	Q3604-04	S-1	BF144361.D	26 Nov 2025 15:11		RC/JU	Ok
6	Q3604-05	S-2	BF144362.D	26 Nov 2025 15:41		RC/JU	Ok
7	Q3719-01	SB-1125-10A	BF144363.D	26 Nov 2025 16:11		RC/JU	Ok,NS
8	Q3719-02	SB-1125-10B	BF144364.D	26 Nov 2025 16:42		RC/JU	Ok,NS
9	Q3719-03	SB-1125-11A	BF144365.D	26 Nov 2025 17:12		RC/JU	Ok,NS
10	Q3719-04	SB-1125-11B	BF144366.D	26 Nov 2025 17:42		RC/JU	Ok,NS
11	Q3719-05	SB-1125-12A	BF144367.D	26 Nov 2025 18:12		RC/JU	Ok,NS
12	Q3719-06	SB-1125-12B	BF144368.D	26 Nov 2025 18:42		RC/JU	Ok,NS
13	Q3719-07	SB-1125-14A	BF144369.D	26 Nov 2025 19:13		RC/JU	Ok,NS
14	Q3719-08	SB-1125-14B	BF144370.D	26 Nov 2025 19:43		RC/JU	Ok,NS
15	Q3719-09	SB-1125-15A	BF144371.D	26 Nov 2025 20:13		RC/JU	Ok,NS
16	Q3719-10	SB-1125-15B	BF144372.D	26 Nov 2025 20:43	Re run	RC/JU	Not Ok
17	Q3719-10MS	SB-1125-15BMS	BF144373.D	26 Nov 2025 21:13	MSD is not ok	RC/JU	Not Ok
18	Q3719-10MSD	SB-1125-15BMSD	BF144374.D	26 Nov 2025 21:43	Many compounds recovery Low	RC/JU	Not Ok

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF112625

Review By	Jagrut	Review On	12/2/2025 4:03:33 PM
Supervise By		Supervise On	
SubDirectory	BF112625	HP Acquire Method	BNA_F
		HP Processing Method	BF110525
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13184,10ul/1000ul sample		
ICV/I.BLK	SP6872		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	Q3719-12	SB-1125-16B	BF144375.D	26 Nov 2025 22:13		RC/JU	Ok,NS
20	Q3714-01	OR-03-11-24-2025	BF144376.D	26 Nov 2025 22:43		RC/JU	Ok,NS
21	Q3721-01	EO-2-112525	BF144377.D	26 Nov 2025 23:14		RC/JU	Ok
22	Q3721-01MS	EO-2-112525MS	BF144378.D	26 Nov 2025 23:44		RC/JU	Ok
23	Q3721-01MSD	EO-2-112525MSD	BF144379.D	27 Nov 2025 00:14		RC/JU	Ok,NS
24	Q3723-01	CC-1-112525	BF144380.D	27 Nov 2025 00:44		RC/JU	Ok,NS

M : Manual Integration

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP111825

Review By	Jagrut	Review On	11/19/2025 10:53:24 AM
Supervise By	Sohil	Supervise On	11/19/2025 3:40:33 PM
SubDirectory	BP111825	HP Acquire Method	BNA_P
		HP Processing Method	BP111825

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6910,SP6911,SP6912,SP6913,SP6914,SP6915,SP6916,SP6917
CCC	SP6913
Internal Standard/PEM	S13183,10ul/1000ul sample
ICV/I.BLK	SP6928
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP026142.D	18 Nov 2025 13:45		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BP026143.D	18 Nov 2025 14:31		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BP026144.D	18 Nov 2025 15:12		RC/JU	Ok
4	SSTDICC010	SSTDICC010	BP026145.D	18 Nov 2025 15:54		RC/JU	Ok
5	SSTDICC020	SSTDICC020	BP026146.D	18 Nov 2025 16:35		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BP026147.D	18 Nov 2025 17:57		RC/JU	Ok,M
7	SSTDICC050	SSTDICC050	BP026148.D	18 Nov 2025 18:38		RC/JU	Ok
8	SSTDICC060	SSTDICC060	BP026149.D	18 Nov 2025 20:00		RC/JU	Ok,M
9	SSTDICC080	SSTDICC080	BP026150.D	18 Nov 2025 21:22		RC/JU	Ok,M
10	SSTDICV040	ICVBP111825	BP026151.D	18 Nov 2025 23:25		RC/JU	Ok,M
11	PB170493TB	PB170493TB	BP026152.D	19 Nov 2025 00:06		RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP120125

Review By	Jagrut	Review On	12/2/2025 4:18:26 PM
Supervise By		Supervise On	
SubDirectory	BP120125	HP Acquire Method	BNA_P
		HP Processing Method	BP111825

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6910,SP6911,SP6912,SP6913,SP6914,SP6915,SP6916,SP6917
CCC	SP6913
Internal Standard/PEM	S13184,10ul/1000ul sample
ICV/I.BLK	SP6928
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP026196.D	01 Dec 2025 12:48		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP026197.D	01 Dec 2025 14:09		RC/JU	Ok,NS
3	PB170743BL	PB170743BL	BP026198.D	01 Dec 2025 14:50		RC/JU	Ok
4	PB170743BS	PB170743BS	BP026199.D	01 Dec 2025 15:31		RC/JU	Ok,NS
5	PB170743BSD	PB170743BSD	BP026200.D	01 Dec 2025 16:12		RC/JU	Ok
6	Q3719-10MS	SB-1125-15BMS	BP026201.D	01 Dec 2025 17:51		RC/JU	Ok
7	Q3719-10MSD	SB-1125-15BMSD	BP026202.D	01 Dec 2025 18:40		RC/JU	Ok
8	Q3719-10	SB-1125-15B	BP026203.D	01 Dec 2025 19:21		RC/JU	Ok
9	Q3716-01	MW5	BP026204.D	01 Dec 2025 20:02		RC/JU	Ok,NS
10	Q3716-02	MW3	BP026205.D	01 Dec 2025 20:43		RC/JU	Ok

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 11/12/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 16:40
In Date: 11/11/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:05
Out Date: 11/12/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB137855

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
Q3604-01	S-1	1	1.15	10.36	11.51	9.73	82.8	
Q3604-02	S-2	2	1.13	10.26	11.39	9.62	82.7	
Q3606-01	DELUMPER FEED	3	1.14	11.46	12.6	3.16	17.6	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

137855

WorkList Name : %1-111125

WorkList ID : 193035

Department : Wet-Chemistry

Date : 11-11-2025 08:47:18

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3604-01	S-1	Solid	Percent Solids	Cool 4 deg C	ROMA02	D41	11/10/2025	Chemtech -SO
Q3604-02	S-2	Solid	Percent Solids	Cool 4 deg C	ROMA02	D41	11/10/2025	Chemtech -SO
Q3606-01	DELUMPER FEED	Solid	Percent Solids	Cool 4 deg C	ALSE01	D31	10/31/2025	Chemtech -SO

Date/Time 11-11-25 15:00

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: RS C (Est-Web)

Date/Time

11-11-25

Raw Sample Received by:

RS C (Est-Web)

Raw Sample Relinquished by:

[Signature]



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 11/26/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:40
In Date: 11/25/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:25
Out Date: 11/26/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB138040

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
Q3604-04	S-1	1	1.15	10.36	11.51	9.73	82.8	
Q3604-05	S-2	2	1.13	10.26	11.39	9.62	82.7	
Q3719-01	SB-1125-10A	3	1.15	10.90	12.05	9.46	76.2	
Q3719-02	SB-1125-10B	4	1.18	10.16	11.34	9.97	86.5	
Q3719-03	SB-1125-11A	5	1.13	10.69	11.82	9.71	80.3	
Q3719-04	SB-1125-11B	6	1.19	10.22	11.41	10.31	89.2	
Q3719-05	SB-1125-12A	7	1.16	10.46	11.62	8.25	67.8	
Q3719-06	SB-1125-12B	8	1.19	10.43	11.62	10.3	87.3	
Q3719-07	SB-1125-14A	9	1.18	10.41	11.59	9.86	83.4	
Q3719-08	SB-1125-14B	10	1.18	10.94	12.12	10.84	88.3	
Q3719-09	SB-1125-15A	11	1.11	10.78	11.89	10.52	87.3	
Q3719-10	SB-1125-15B	12	1.18	10.28	11.46	10.37	89.4	
Q3719-11	SB-1125-16A	13	1.19	10.48	11.67	10.41	88.0	
Q3719-12	SB-1125-16B	14	1.14	10.62	11.76	10.77	90.7	
Q3719-13	SB-1125-17A	15	1.18	10.86	12.04	10.55	86.3	
Q3719-14	SB-1125-17B	16	1.13	10.10	11.23	9.64	84.3	
Q3719-14D	SB-1125-17BDUP	17	1.15	10.10	11.25	9.63	84.0	
Q3721-01	EO-2-112525	18	1.14	10.28	11.42	10.57	91.7	
Q3721-02	EO-2-112525-E2	19	1.16	10.19	11.35	10.55	92.1	
Q3723-01	CC-1-112525	20	1.12	10.65	11.77	10.93	92.1	
Q3723-02	CC-1-112525-E2	21	1.16	10.33	11.49	10.62	91.6	
Q3726-01	112125-A	22	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3726-02	112125-B	23	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

11-25-2025

WorkList Name : %1-112525

WorkList ID : 193343

Department : Wet-Chemistry

Date : 11-25-2025 10:19:33

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3604-04	S-1	Solid	Percent Solids	Cool 4 deg C	ROMA02	D41	11/10/2025	Chemtech -SO
Q3604-05	S-2	Solid	Percent Solids	Cool 4 deg C	ROMA02	D41	11/10/2025	Chemtech -SO
Q3719-01	SB-1125-10A	Solid	Percent Solids	Cool 4 deg C	REMI01	D51	11/25/2025	Chemtech -SO
Q3719-02	SB-1125-10B	Solid	Percent Solids	Cool 4 deg C	REMI01	D51	11/25/2025	Chemtech -SO
Q3719-03	SB-1125-11A	Solid	Percent Solids	Cool 4 deg C	REMI01	D51	11/25/2025	Chemtech -SO
Q3719-04	SB-1125-11B	Solid	Percent Solids	Cool 4 deg C	REMI01	D51	11/25/2025	Chemtech -SO
Q3719-05	SB-1125-12A	Solid	Percent Solids	Cool 4 deg C	REMI01	D51	11/25/2025	Chemtech -SO
Q3719-06	SB-1125-12B	Solid	Percent Solids	Cool 4 deg C	REMI01	D51	11/25/2025	Chemtech -SO
Q3719-07	SB-1125-14A	Solid	Percent Solids	Cool 4 deg C	REMI01	D51	11/25/2025	Chemtech -SO
Q3719-08	SB-1125-14B	Solid	Percent Solids	Cool 4 deg C	REMI01	D51	11/25/2025	Chemtech -SO
Q3719-09	SB-1125-15A	Solid	Percent Solids	Cool 4 deg C	REMI01	D51	11/25/2025	Chemtech -SO
Q3719-10	SB-1125-15B	Solid	Percent Solids	Cool 4 deg C	REMI01	D51	11/25/2025	Chemtech -SO
Q3719-11	SB-1125-16A	Solid	Percent Solids	Cool 4 deg C	REMI01	D51	11/25/2025	Chemtech -SO
Q3719-12	SB-1125-16B	Solid	Percent Solids	Cool 4 deg C	REMI01	D51	11/25/2025	Chemtech -SO
Q3719-13	SB-1125-17A	Solid	Percent Solids	Cool 4 deg C	REMI01	D51	11/25/2025	Chemtech -SO
Q3719-14	SB-1125-17B	Solid	Percent Solids	Cool 4 deg C	REMI01	D51	11/25/2025	Chemtech -SO
Q3721-01	EO-2-112525	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	11/26/2025	Chemtech -SO
Q3721-02	EO-2-112525-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	11/26/2025	Chemtech -SO
Q3723-01	CC-1-112525	Solid	Percent Solids	Cool 4 deg C	PSEG05	--Sele	11/25/2025	Chemtech -SO
Q3723-02	CC-1-112525-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	--Sele	11/25/2025	Chemtech -SO
Q3726-01	112125-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	A11	11/25/2025	Chemtech -SO

Date/Time 11-25-25 15:20

Raw Sample Received by: JH WCC

Raw Sample Relinquished by: RS (EAL-106)

Date/Time 11-25-25

Raw Sample Received by: RS (EAL-106)

Raw Sample Relinquished by: JH WCC

WORKLIST(Hardcopy Internal Chain)

138040

WorkList Name : %1-112525

WorkList ID : 193343

Department : Wet-Chemistry

Date : 11-25-2025 10:19:33

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3726-02	112125-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	A11	11/25/2025	Chemtech -SO

Date/Time 11.25.25 15:20
 Raw Sample Received by: JG WCC
 Raw Sample Relinquished by: RJ (1-2A-164)

Date/Time 11.25.25 17:45
 Raw Sample Received by: RJ (1-2A-164)
 Raw Sample Relinquished by: JG WCC

SOP ID: M3541-ASE Extraction-15

Clean Up SOP #: N/A

Matrix : Solid

Weigh By: EH **Extraction By:** RJ

Balance check: EH **Filter By:** RJ

Balance ID: EX-SC-2 **pH Meter ID:** N/A

pH Strip Lot#: N/A **Hood ID:** 3,7

Extraction Method: ☐ Separatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☒ Soxhlet

Extraction Start Date : 11/25/2025

Extraction Start Time : 14:15

Extraction End Date : 11/25/2025

Extraction End Time : 17:25

Concentration By: EH

Supervisor By : RUPESH

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6895
Surrogate	1.0ML	100/150 PPM	SP6918
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	EP2659
Baked Na2SO4	N/A	EP2663
Sand	N/A	E3951
Methylene Chloride	N/A	E3986
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 # 2210443. Q3604-04,05 Extracted out of holding times.

KD Bath ID: N/A **Envap ID:** N-EVAP-02

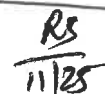
KD Bath Temperature: N/A **Envap Temperature:** 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/25/25	PS (Ext Lab)	RC/Pent PCB
17:30	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 11/25/2025

Sample ID	Client Sample ID	Test	g/ mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170735BL	SBLK735	SVOC-TCL BNA -20	30.01	N/A	ritesh	Evelyn	1			U1-1
PB170735BS	SLCS735	SVOC-TCL BNA -20	30.03	N/A	ritesh	Evelyn	1			2
Q3604-04	S-1	SVOC-TCL BNA -20	50.02	N/A	ritesh	Evelyn	1	A		3
Q3604-05	S-2	SVOC-TCL BNA -20	50.07	N/A	ritesh	Evelyn	1	A		4
Q3714-01	OR-03-11-24-2025	SVOC-TCL BNA -20	30.08	N/A	ritesh	Evelyn	1	E		5
Q3719-01	SB-1125-10A	SVOC-TCL BNA -20	30.04	N/A	ritesh	Evelyn	1	E		6
Q3719-02	SB-1125-10B	SVOC-TCL BNA -20	30.02	N/A	ritesh	Evelyn	1	E		U2-1
Q3719-03	SB-1125-11A	SVOC-TCL BNA -20	30.05	N/A	ritesh	Evelyn	1	E		2
Q3719-04	SB-1125-11B	SVOC-TCL BNA -20	30.07	N/A	ritesh	Evelyn	1	E		3
Q3719-05	SB-1125-12A	SVOC-TCL BNA -20	30.01	N/A	ritesh	Evelyn	1	E		4
Q3719-06	SB-1125-12B	SVOC-TCL BNA -20	30.03	N/A	ritesh	Evelyn	1	E		5
Q3719-07	SB-1125-14A	SVOC-TCL BNA -20	30.06	N/A	ritesh	Evelyn	1	E		6
Q3719-08	SB-1125-14B	SVOC-TCL BNA -20	30.08	N/A	ritesh	Evelyn	1	E		U3-1
Q3719-09	SB-1125-15A	SVOC-TCL BNA -20	30.04	N/A	ritesh	Evelyn	1	E		2
Q3719-10	SB-1125-15B	SVOC-TCL BNA -20	30.09	N/A	ritesh	Evelyn	1	E		3
Q3719-10MS	SB-1125-15BMS	SVOC-TCL BNA -20	30.03	N/A	ritesh	Evelyn	1	E		4
Q3719-10MS D	SB-1125-15BMSD	SVOC-TCL BNA -20	30.05	N/A	ritesh	Evelyn	1	E		5
Q3719-11	SB-1125-16A	SVOC-TCL BNA -20	30.07	N/A	ritesh	Evelyn	1	E		6
Q3719-12	SB-1125-16B	SVOC-TCL BNA -20	30.04	N/A	ritesh	Evelyn	1	E		U6-1
Q3719-13	SB-1125-17A	SVOC-TCL BNA -20	30.08	N/A	ritesh	Evelyn	1	E		2
Q3719-14	SB-1125-17B	SVOC-TCL BNA -20	30.06	N/A	ritesh	Evelyn	1	E		3



WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3604

WorkList ID : 193346

Department : Extraction

Date : 11-25-2025 14:10:04

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3604-04	S-1	Solid	SVOC-TCL BNA -20	Cool 4 deg C	ROMA02	D41	11/10/2025	8270E
Q3604-05	S-2	Solid	SVOC-TCL BNA -20	Cool 4 deg C	ROMA02	D41	11/10/2025	8270E
Q3714-01	OR-03-11-24-2025	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG05	E12	11/24/2025	8270E
Q3719-01	SB-1125-10A	Solid	SVOC-TCL BNA -20	Cool 4 deg C	REMI01	D51	11/25/2025	8270E
Q3719-02	SB-1125-10B	Solid	SVOC-TCL BNA -20	Cool 4 deg C	REMI01	D51	11/25/2025	8270E
Q3719-03	SB-1125-11A	Solid	SVOC-TCL BNA -20	Cool 4 deg C	REMI01	D51	11/25/2025	8270E
Q3719-04	SB-1125-11B	Solid	SVOC-TCL BNA -20	Cool 4 deg C	REMI01	D51	11/25/2025	8270E
Q3719-05	SB-1125-12A	Solid	SVOC-TCL BNA -20	Cool 4 deg C	REMI01	D51	11/25/2025	8270E
Q3719-06	SB-1125-12B	Solid	SVOC-TCL BNA -20	Cool 4 deg C	REMI01	D51	11/25/2025	8270E
Q3719-07	SB-1125-14A	Solid	SVOC-TCL BNA -20	Cool 4 deg C	REMI01	D51	11/25/2025	8270E
Q3719-08	SB-1125-14B	Solid	SVOC-TCL BNA -20	Cool 4 deg C	REMI01	D51	11/25/2025	8270E
Q3719-09	SB-1125-15A	Solid	SVOC-TCL BNA -20	Cool 4 deg C	REMI01	D51	11/25/2025	8270E
Q3719-10	SB-1125-15B	Solid	SVOC-TCL BNA -20	Cool 4 deg C	REMI01	D51	11/25/2025	8270E
Q3719-11	SB-1125-16A	Solid	SVOC-TCL BNA -20	Cool 4 deg C	REMI01	D51	11/25/2025	8270E
Q3719-12	SB-1125-16B	Solid	SVOC-TCL BNA -20	Cool 4 deg C	REMI01	D51	11/25/2025	8270E
Q3719-13	SB-1125-17A	Solid	SVOC-TCL BNA -20	Cool 4 deg C	REMI01	D51	11/25/2025	8270E
Q3719-14	SB-1125-17B	Solid	SVOC-TCL BNA -20	Cool 4 deg C	REMI01	D51	11/25/2025	8270E

Date/Time 11/25/25 14:10

Raw Sample Received by: RJ (Ext 66)

Raw Sample Relinquished by: [Signature] SH

Date/Time 11/25/25 14:40

Raw Sample Received by: [Signature] SH

Raw Sample Relinquished by: RJ (Ext 66)



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: Roman EIC
ADDRESS: 14 OGDEN ST
CITY: NEWARK STATE: NJ ZIP: 07104
ATTENTION: AMANDA Gentle
PHONE: 973-634 8218 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: New Brunswick LSRP
PROJECT NO.: 25-717 LOCATION: New Brunswick
PROJECT MANAGER: Amanda Gentle
e-mail: Engineer@Romaneg.com
PHONE: 973-634-8218 FAX:

CLIENT BILLING INFORMATION

BILL TO: Roman EIC PO#: 25-717
ADDRESS: 14 OGDEN ST
CITY: NEWARK STATE: NJ ZIP: 07104
ATTENTION: Frank Hotaling PHONE: 973-482-1123

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: ASAP 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 _____

1	2	3	4	5	6	7	8	9

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS	
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER	
1. S-1	NB LSRP Stockpile	S			11/10	2:40 PM	3											
2. S-2	NB LSRP Stockpile	S			11/10	2:45 PM	3											
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>Karen Amode</u>	DATE/TIME: <u>11/10/25</u>	RECEIVED BY: <u>[Signature]</u> <u>1618</u> <u>11-10-25</u>	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>15.76 °C NO ICE</u> Comments: <u>Sampler From Stock Pile at 19 Home Newark</u> <u>taken AT Sfr Deep / Field sample As per</u> <u>Sketch Attached</u>
RELINQUISHED BY SAMPLER: 2.	DATE/TIME: <u>2:40</u>	RECEIVED BY: 2.	
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.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312