

Cover Page

Order ID : Q2826

Project ID : Ave B

Client : G Environmental

Lab Sample Number

Q2826-01
Q2826-02

Client Sample Number

WC1
WC1

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

Signature : _____

Date: 8/20/2025

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 #: Q2826

Completed

For thorough review, the report must have the following:

GENERAL:

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

✓

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

✓

Is the chain of custody signed and complete

✓

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

✓

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

✓

COVER PAGE:

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

✓

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

✓

CHAIN OF CUSTODY:

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

✓

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

✓

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

✓

Were the samples received within hold time

✓

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

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: KETAN PATEL

Date: 08/20/2025

LAB CHRONICLE

OrderID: Q2826	OrderDate: 8/11/2025 2:06:00 PM
Client: G Environmental	Project: Ave B
Contact: Gary Landis	Location: --Select--,D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2826-01	WC1	SOIL	SVOCMS Group1	8270E	08/11/25	08/12/25	08/18/25	08/11/25



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

Hit Summary Sheet
SW-846

SDG No.: Q2826
Client: G Environmental

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : WC1								
Q2826-01	WC1	SOIL	Bis(2-ethylhexyl)phthalate	180.000	J	130	390	ug/Kg
Total Svoc :				180.00				
Q2826-01	WC1	SOIL	2-Pentanone, 4-hydroxy-4-methyl *	200.000	AB	0	0	ug/Kg
Q2826-01	WC1	SOIL	Butane, 2-methoxy-2-methyl- *	360.000	JB	0	0	ug/Kg
Q2826-01	WC1	SOIL	Hexanedioic acid, bis(2-ethylhexy) *	200.000	J	0	0	ug/Kg
Total Tics :				760.00				
Total Concentration:				940.00				



QC SUMMARY

Surrogate Summary

SW-846

SDG No.: **Q2826**

Client: **G Environmental**

Analytical Method: **8270E**

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB169210BL	PB169210BL	2-Fluorophenol	150	123	82		30 (18)	130 (112)
		Phenol-d6	150	120	80		30 (15)	130 (107)
		Nitrobenzene-d5	100	97.5	98		30 (18)	130 (107)
		2-Fluorobiphenyl	100	90.2	90		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	166	110		30 (10)	130 (116)
		Terphenyl-d14	100	101	101		30 (10)	130 (105)
PB169210BS	PB169210BS	2-Fluorophenol	150	136	91		30 (18)	130 (112)
		Phenol-d6	150	138	92		30 (15)	130 (107)
		Nitrobenzene-d5	100	79.6	80		30 (18)	130 (107)
		2-Fluorobiphenyl	100	79.7	80		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	138	92		30 (10)	130 (116)
		Terphenyl-d14	100	83.1	83		30 (10)	130 (105)
Q2826-01	WC1	2-Fluorophenol	150	38.1	25	*	30 (18)	130 (112)
		Phenol-d6	150	41.7	28	*	30 (15)	130 (107)
		Nitrobenzene-d5	100	26.3	26	*	30 (18)	130 (107)
		2-Fluorobiphenyl	100	27.5	27	*	30 (20)	130 (109)
		2,4,6-Tribromophenol	150	23.5	16	*	30 (10)	130 (116)
		Terphenyl-d14	100	28.6	29	*	30 (10)	130 (105)
Q2830-05MS	BIN0009-DRIVEWAY-TP-WESTSID	2-Fluorophenol	150	95.7	64		30 (18)	130 (112)
		Phenol-d6	150	95.4	64		30 (15)	130 (107)
		Nitrobenzene-d5	100	75.4	75		30 (18)	130 (107)
		2-Fluorobiphenyl	100	68.9	69		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	121	81		30 (10)	130 (116)
		Terphenyl-d14	100	58.4	58		30 (10)	130 (105)
Q2830-05MSD	BIN0009-DRIVEWAY-TP-WESTSID	2-Fluorophenol	150	97.8	65		30 (18)	130 (112)
		Phenol-d6	150	101	67		30 (15)	130 (107)
		Nitrobenzene-d5	100	77.3	77		30 (18)	130 (107)
		2-Fluorobiphenyl	100	65.9	66		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	142	95		30 (10)	130 (116)
		Terphenyl-d14	100	77.5	78		30 (10)	130 (105)

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2826

Analytical Method: SW8270E

Client: G Environmental

DataFile: BF143367.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q2830-05MS		Client Sample ID: BIN0009-DRIVEWAY-TP-WESTSIDE									
Benzaldehyde	1200	0	820	ug/Kg	68				20 (10)	160 (171)	
Phenol	1200	0	1000	ug/Kg	83				20 (51)	160 (122)	
bis(2-Chloroethyl)ether	1200	0	1100	ug/Kg	92				70 (54)	130 (125)	
2-Chlorophenol	1200	0	1100	ug/Kg	92				70 (51)	130 (121)	
2-Methylphenol	1200	0	1100	ug/Kg	92				70 (47)	130 (125)	
2,2-oxybis(1-Chloropropane)	1200	0	1100	ug/Kg	92				70 (46)	130 (119)	
Acetophenone	1200	0	1100	ug/Kg	92				70 (55)	130 (128)	
3+4-Methylphenols	1200	0	1000	ug/Kg	83				20 (49)	160 (125)	
N-Nitroso-di-n-propylamine	1200	0	1100	ug/Kg	92				70 (59)	130 (119)	
Hexachloroethane	1200	0	1200	ug/Kg	100				20 (51)	160 (116)	
Nitrobenzene	1200	0	1100	ug/Kg	92				70 (47)	130 (124)	
Isophorone	1200	0	1100	ug/Kg	92				70 (49)	130 (127)	
2-Nitrophenol	1200	0	1400	ug/Kg	117				70 (43)	130 (131)	
2,4-Dimethylphenol	1200	0	1200	ug/Kg	100				70 (63)	130 (151)	
bis(2-Chloroethoxy)methane	1200	0	1100	ug/Kg	92				70 (51)	130 (119)	
2,4-Dichlorophenol	1200	0	1200	ug/Kg	100				70 (50)	130 (122)	
Naphthalene	1200	0	1100	ug/Kg	92				70 (51)	130 (121)	
4-Chloroaniline	1200	0	600	ug/Kg	50	*			70 (10)	130 (100)	
Hexachlorobutadiene	1200	0	1200	ug/Kg	100				70 (44)	130 (126)	
Caprolactam	1200	0	1200	ug/Kg	100				20 (51)	160 (134)	
4-Chloro-3-methylphenol	1200	0	1100	ug/Kg	92				70 (57)	130 (132)	
2-Methylnaphthalene	1200	0	1000	ug/Kg	83				70 (59)	130 (123)	
Hexachlorocyclopentadiene	2500	0	2800	ug/Kg	112				20 (10)	160 (175)	
2,4,6-Trichlorophenol	1200	0	1300	ug/Kg	108				70 (33)	130 (141)	
2,4,5-Trichlorophenol	1200	0	1200	ug/Kg	100				70 (38)	130 (135)	
1,1-Biphenyl	1200	0	1100	ug/Kg	92				70 (55)	130 (131)	
2-Chloronaphthalene	1200	0	1100	ug/Kg	92				70 (48)	130 (124)	
2-Nitroaniline	1200	0	1200	ug/Kg	100				70 (47)	130 (134)	
Dimethylphthalate	1200	0	1200	ug/Kg	100				70 (54)	130 (120)	
Acenaphthylene	1200	0	1200	ug/Kg	100				70 (57)	130 (125)	
2,6-Dinitrotoluene	1200	0	1300	ug/Kg	108				70 (48)	130 (127)	
3-Nitroaniline	1200	0	820	ug/Kg	68	*			70 (10)	130 (112)	
Acenaphthene	1200	0	1200	ug/Kg	100				70 (70)	130 (121)	
2,4-Dinitrophenol	2500	0	2300	ug/Kg	92				20 (10)	160 (155)	
4-Nitrophenol	2500	0	1900	ug/Kg	76				20 (10)	160 (175)	
Dibenzofuran	1200	0	1100	ug/Kg	92				70 (52)	130 (114)	
2,4-Dinitrotoluene	1200	0	1300	ug/Kg	108				70 (41)	130 (140)	
Diethylphthalate	1200	0	1200	ug/Kg	100				70 (51)	130 (119)	
4-Chlorophenyl-phenylether	1200	0	1100	ug/Kg	92				70 (48)	130 (122)	
Fluorene	1200	0	1100	ug/Kg	92				70 (53)	130 (118)	
4-Nitroaniline	1200	0	1200	ug/Kg	100				70 (29)	130 (140)	
4,6-Dinitro-2-methylphenol	1200	0	1500	ug/Kg	125				70 (10)	130 (160)	
N-Nitrosodiphenylamine	1200	0	1200	ug/Kg	100				70 (73)	130 (118)	
4-Bromophenyl-phenylether	1200	0	1200	ug/Kg	100				70 (65)	130 (121)	
Hexachlorobenzene	1200	0	1200	ug/Kg	100				70 (67)	130 (118)	
Atrazine	1200	0	1400	ug/Kg	117				70 (45)	130 (175)	

() = LABORATORY INHOUSE LIMIT

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2826

Analytical Method: SW8270E

Client: G Environmental

DataFile: BF143367.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Pentachlorophenol	2500	0	2300	ug/Kg	92				20 (13)	160 (153)	
Phenanthrene	1200	0	1100	ug/Kg	92				70 (52)	130 (128)	
Anthracene	1200	0	1100	ug/Kg	92				70 (62)	130 (124)	
Carbazole	1200	0	1100	ug/Kg	92				70 (59)	130 (119)	
Di-n-butylphthalate	1200	0	1600	ug/Kg	133	*			70 (55)	130 (125)	
Fluoranthene	1200	0	1200	ug/Kg	100				70 (44)	130 (125)	
Pyrene	1200	0	870	ug/Kg	73				70 (37)	130 (122)	
Butylbenzylphthalate	1200	0	1800	ug/Kg	150	*			70 (44)	130 (135)	
3,3-Dichlorobenzidine	1200	0	960	ug/Kg	80				70 (15)	130 (112)	
Benzo(a)anthracene	1200	0	1100	ug/Kg	92				70 (53)	130 (119)	
Chrysene	1200	0	1100	ug/Kg	92				70 (57)	130 (121)	
bis(2-Ethylhexyl)phthalate	1200	120	1800	ug/Kg	140	*			70 (42)	130 (169)	
Di-n-octyl phthalate	1200	0	1600	ug/Kg	133	*			70 (51)	130 (156)	
Benzo(b)fluoranthene	1200	0	1200	ug/Kg	100				70 (52)	130 (117)	
Benzo(k)fluoranthene	1200	0	1100	ug/Kg	92				70 (57)	130 (134)	
Benzo(a)pyrene	1200	0	1200	ug/Kg	100				70 (70)	130 (142)	
Indeno(1,2,3-cd)pyrene	1200	0	1100	ug/Kg	92				70 (40)	130 (129)	
Dibenz(a,h)anthracene	1200	0	1100	ug/Kg	92				70 (43)	130 (123)	
Benzo(g,h,i)perylene	1200	0	1100	ug/Kg	92				70 (24)	130 (125)	
1,2,4,5-Tetrachlorobenzene	1200	0	1100	ug/Kg	92				70 (52)	130 (134)	
1,4-Dioxane	1200	0	980	ug/Kg	82				20 (46)	160 (112)	
2,3,4,6-Tetrachlorophenol	1200	0	1400	ug/Kg	117				70 (24)	130 (146)	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2826

Analytical Method: SW8270E

Client: G Environmental

DataFile: BF143368.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q2830-05MSD		Client Sample ID: BIN0009-DRIVEWAY-TP-WESTSIDE									
Benzaldehyde	1200	0	870	ug/Kg	73		7		20 (10)	160 (171)	30 (20)
Phenol	1200	0	1100	ug/Kg	92		10		20 (51)	160 (122)	30 (20)
bis(2-Chloroethyl)ether	1200	0	1100	ug/Kg	92		0		70 (54)	130 (125)	30 (20)
2-Chlorophenol	1200	0	1200	ug/Kg	100		8		70 (51)	130 (121)	30 (20)
2-Methylphenol	1200	0	1200	ug/Kg	100		8		70 (47)	130 (125)	30 (20)
2,2-oxybis(1-Chloropropane)	1200	0	1100	ug/Kg	92		0		70 (46)	130 (119)	30 (20)
Acetophenone	1200	0	1100	ug/Kg	92		0		70 (55)	130 (128)	30 (20)
3+4-Methylphenols	1200	0	1100	ug/Kg	92		10		20 (49)	160 (125)	30 (20)
N-Nitroso-di-n-propylamine	1200	0	1100	ug/Kg	92		0		70 (59)	130 (119)	30 (20)
Hexachloroethane	1200	0	1200	ug/Kg	100		0		20 (51)	160 (116)	30 (20)
Nitrobenzene	1200	0	1200	ug/Kg	100		8		70 (47)	130 (124)	30 (20)
Isophorone	1200	0	1200	ug/Kg	100		8		70 (49)	130 (127)	30 (20)
2-Nitrophenol	1200	0	1400	ug/Kg	117		0		70 (43)	130 (131)	30 (20)
2,4-Dimethylphenol	1200	0	1300	ug/Kg	108		8		70 (63)	130 (151)	30 (20)
bis(2-Chloroethoxy)methane	1200	0	1200	ug/Kg	100		8		70 (51)	130 (119)	30 (20)
2,4-Dichlorophenol	1200	0	1200	ug/Kg	100		0		70 (50)	130 (122)	30 (20)
Naphthalene	1200	0	1100	ug/Kg	92		0		70 (51)	130 (121)	30 (20)
4-Chloroaniline	1200	0	550	ug/Kg	46	*	8		70 (10)	130 (100)	30 (20)
Hexachlorobutadiene	1200	0	1100	ug/Kg	92		8		70 (44)	130 (126)	30 (20)
Caprolactam	1200	0	1500	ug/Kg	125		22		20 (51)	160 (134)	30 (20)
4-Chloro-3-methylphenol	1200	0	1300	ug/Kg	108		16		70 (57)	130 (132)	30 (20)
2-Methylnaphthalene	1200	0	1000	ug/Kg	83		0		70 (59)	130 (123)	30 (20)
Hexachlorocyclopentadiene	2500	0	2700	ug/Kg	108		4		20 (10)	160 (175)	30 (20)
2,4,6-Trichlorophenol	1200	0	1300	ug/Kg	108		0		70 (33)	130 (141)	30 (20)
2,4,5-Trichlorophenol	1200	0	1200	ug/Kg	100		0		70 (38)	130 (135)	30 (20)
1,1-Biphenyl	1200	0	1100	ug/Kg	92		0		70 (55)	130 (131)	30 (20)
2-Chloronaphthalene	1200	0	1100	ug/Kg	92		0		70 (48)	130 (124)	30 (20)
2-Nitroaniline	1200	0	1300	ug/Kg	108		8		70 (47)	130 (134)	30 (20)
Dimethylphthalate	1200	0	1300	ug/Kg	108		8		70 (54)	130 (120)	30 (20)
Acenaphthylene	1200	0	1200	ug/Kg	100		0		70 (57)	130 (125)	30 (20)
2,6-Dinitrotoluene	1200	0	1500	ug/Kg	125		15		70 (48)	130 (127)	30 (20)
3-Nitroaniline	1200	0	990	ug/Kg	83		20		70 (10)	130 (112)	30 (20)
Acenaphthene	1200	0	1200	ug/Kg	100		0		70 (70)	130 (121)	30 (20)
2,4-Dinitrophenol	2500	0	2700	ug/Kg	108		16		20 (10)	160 (155)	30 (20)
4-Nitrophenol	2500	0	2400	ug/Kg	96		23		20 (10)	160 (175)	30 (20)
Dibenzofuran	1200	0	1100	ug/Kg	92		0		70 (52)	130 (114)	30 (20)
2,4-Dinitrotoluene	1200	0	1500	ug/Kg	125		15		70 (41)	130 (140)	30 (20)
Diethylphthalate	1200	0	1400	ug/Kg	117		16		70 (51)	130 (119)	30 (20)
4-Chlorophenyl-phenylether	1200	0	1200	ug/Kg	100		8		70 (48)	130 (122)	30 (20)
Fluorene	1200	0	1100	ug/Kg	92		0		70 (53)	130 (118)	30 (20)
4-Nitroaniline	1200	0	1500	ug/Kg	125		22		70 (29)	130 (140)	30 (20)
4,6-Dinitro-2-methylphenol	1200	0	1600	ug/Kg	133	*	6		70 (10)	130 (160)	30 (20)
N-Nitrosodiphenylamine	1200	0	1100	ug/Kg	92		8		70 (73)	130 (118)	30 (20)
4-Bromophenyl-phenylether	1200	0	1200	ug/Kg	100		0		70 (65)	130 (121)	30 (20)
Hexachlorobenzene	1200	0	1100	ug/Kg	92		8		70 (67)	130 (118)	30 (20)
Atrazine	1200	0	1400	ug/Kg	117		0		70 (45)	130 (175)	30 (20)

() = LABORATORY INHOUSE LIMIT

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2826

Analytical Method: SW8270E

Client: G Environmental

DataFile: BF143368.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Pentachlorophenol	2500	0	2500	ug/Kg	100		8		20 (13)	160 (153)	30 (20)
Phenanthrene	1200	0	1100	ug/Kg	92		0		70 (52)	130 (128)	30 (20)
Anthracene	1200	0	1100	ug/Kg	92		0		70 (62)	130 (124)	30 (20)
Carbazole	1200	0	1100	ug/Kg	92		0		70 (59)	130 (119)	30 (20)
Di-n-butylphthalate	1200	0	1700	ug/Kg	142	*	7		70 (55)	130 (125)	30 (20)
Fluoranthene	1200	0	1300	ug/Kg	108		8		70 (44)	130 (125)	30 (20)
Pyrene	1200	0	1200	ug/Kg	100		31	*	70 (37)	130 (122)	30 (20)
Butylbenzylphthalate	1200	0	2300	ug/Kg	192	*	25		70 (44)	130 (135)	30 (20)
3,3-Dichlorobenzidine	1200	0	860	ug/Kg	72		11		70 (15)	130 (112)	30 (20)
Benzo(a)anthracene	1200	0	1100	ug/Kg	92		0		70 (53)	130 (119)	30 (20)
Chrysene	1200	0	1200	ug/Kg	100		8		70 (57)	130 (121)	30 (20)
bis(2-Ethylhexyl)phthalate	1200	120	2000	ug/Kg	157	*	11		70 (42)	130 (169)	30 (20)
Di-n-octyl phthalate	1200	0	1400	ug/Kg	117		13		70 (51)	130 (156)	30 (20)
Benzo(b)fluoranthene	1200	0	1200	ug/Kg	100		0		70 (52)	130 (117)	30 (20)
Benzo(k)fluoranthene	1200	0	1300	ug/Kg	108		16		70 (57)	130 (134)	30 (20)
Benzo(a)pyrene	1200	0	1200	ug/Kg	100		0		70 (70)	130 (142)	30 (20)
Indeno(1,2,3-cd)pyrene	1200	0	1100	ug/Kg	92		0		70 (40)	130 (129)	30 (20)
Dibenz(a,h)anthracene	1200	0	1200	ug/Kg	100		8		70 (43)	130 (123)	30 (20)
Benzo(g,h,i)perylene	1200	0	1100	ug/Kg	92		0		70 (24)	130 (125)	30 (20)
1,2,4,5-Tetrachlorobenzene	1200	0	1100	ug/Kg	92		0		70 (52)	130 (134)	30 (20)
1,4-Dioxane	1200	0	980	ug/Kg	82		0		20 (46)	160 (112)	30 (20)
2,3,4,6-Tetrachlorophenol	1200	0	1600	ug/Kg	133	*	13		70 (24)	130 (146)	30 (20)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2826

Analytical Method:

8270E

Client: G Environmental

DataFile:

BP025402.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB169210BS	Benzaldehyde	1700	1000	ug/Kg	59				20 (10)	160 (133)	
	Phenol	1700	1700	ug/Kg	100				20 (62)	160 (112)	
	bis(2-Chloroethyl)ether	1700	1500	ug/Kg	88				70 (60)	130 (101)	
	2-Chlorophenol	1700	1600	ug/Kg	94				70 (65)	130 (112)	
	2-Methylphenol	1700	1700	ug/Kg	100				70 (61)	130 (108)	
	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	1600	ug/Kg	94				20 (58)	160 (111)	
	N-Nitroso-di-n-propylamine	1700	1500	ug/Kg	88				70 (63)	130 (95)	
	Hexachloroethane	1700	1500	ug/Kg	88				20 (72)	160 (108)	
	Nitrobenzene	1700	1500	ug/Kg	88				70 (57)	130 (101)	
	Isophorone	1700	1500	ug/Kg	88				70 (59)	130 (99)	
	2-Nitrophenol	1700	1600	ug/Kg	94				70 (61)	130 (111)	
	2,4-Dimethylphenol	1700	1700	ug/Kg	100				70 (46)	130 (141)	
	bis(2-Chloroethoxy)methane	1700	1500	ug/Kg	88				70 (66)	130 (97)	
	2,4-Dichlorophenol	1700	1700	ug/Kg	100				70 (62)	130 (107)	
	Naphthalene	1700	1500	ug/Kg	88				70 (62)	130 (100)	
	4-Chloroaniline	1700	1400	ug/Kg	82				70 (16)	130 (100)	
	Hexachlorobutadiene	1700	1400	ug/Kg	82				70 (53)	130 (98)	
	Caprolactam	1700	1600	ug/Kg	94				20 (67)	160 (110)	
	4-Chloro-3-methylphenol	1700	1700	ug/Kg	100				70 (58)	130 (112)	
	2-Methylnaphthalene	1700	1500	ug/Kg	88				70 (60)	130 (104)	
	Hexachlorocyclopentadiene	3300	3100	ug/Kg	94				20 (45)	160 (165)	
	2,4,6-Trichlorophenol	1700	1700	ug/Kg	100				70 (59)	130 (102)	
	2,4,5-Trichlorophenol	1700	1700	ug/Kg	100				70 (61)	130 (98)	
	1,1-Biphenyl	1700	1600	ug/Kg	94				70 (57)	130 (103)	
	2-Chloronaphthalene	1700	1600	ug/Kg	94				70 (58)	130 (99)	
	2-Nitroaniline	1700	1600	ug/Kg	94				70 (66)	130 (101)	
	Dimethylphthalate	1700	1600	ug/Kg	94				70 (61)	130 (99)	
	Acenaphthylene	1700	1600	ug/Kg	94				70 (63)	130 (101)	
	2,6-Dinitrotoluene	1700	1700	ug/Kg	100				70 (61)	130 (104)	
	3-Nitroaniline	1700	1500	ug/Kg	88				70 (28)	130 (100)	
	Acenaphthene	1700	1600	ug/Kg	94				70 (57)	130 (104)	
	2,4-Dinitrophenol	3300	3700	ug/Kg	112				20 (37)	160 (128)	
	4-Nitrophenol	3300	3500	ug/Kg	106				20 (48)	160 (119)	
	Dibenzofuran	1700	1500	ug/Kg	88				70 (63)	130 (99)	
	2,4-Dinitrotoluene	1700	1700	ug/Kg	100				70 (60)	130 (106)	
	Diethylphthalate	1700	1600	ug/Kg	94				70 (60)	130 (101)	
	4-Chlorophenyl-phenylether	1700	1500	ug/Kg	88				70 (58)	130 (98)	
	Fluorene	1700	1500	ug/Kg	88				70 (61)	130 (101)	
	4-Nitroaniline	1700	1600	ug/Kg	94				70 (64)	130 (103)	
	4,6-Dinitro-2-methylphenol	1700	1700	ug/Kg	100				70 (76)	130 (113)	
	N-Nitrosodiphenylamine	1700	1600	ug/Kg	94				70 (71)	130 (99)	
	4-Bromophenyl-phenylether	1700	1600	ug/Kg	94				70 (66)	130 (102)	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2826

Analytical Method: 8270E

Client: G Environmental

DataFile: BP025402.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB169210BS	Hexachlorobenzene	1700	1600	ug/Kg	94				70 (64)	130 (98)	
	Atrazine	1700	1600	ug/Kg	94				70 (47)	130 (152)	
	Pentachlorophenol	3300	3200	ug/Kg	97				20 (67)	160 (105)	
	Phenanthrene	1700	1600	ug/Kg	94				70 (59)	130 (103)	
	Anthracene	1700	1600	ug/Kg	94				70 (61)	130 (105)	
	Carbazole	1700	1600	ug/Kg	94				70 (61)	130 (99)	
	Di-n-butylphthalate	1700	1600	ug/Kg	94				70 (58)	130 (104)	
	Fluoranthene	1700	1600	ug/Kg	94				70 (57)	130 (107)	
	Pyrene	1700	1600	ug/Kg	94				70 (59)	130 (103)	
	Butylbenzylphthalate	1700	1600	ug/Kg	94				70 (55)	130 (103)	
	3,3-Dichlorobenzidine	1700	1300	ug/Kg	76				70 (42)	130 (91)	
	Benzo(a)anthracene	1700	1600	ug/Kg	94				70 (60)	130 (102)	
	Chrysene	1700	1600	ug/Kg	94				70 (59)	130 (101)	
	bis(2-Ethylhexyl)phthalate	1700	1600	ug/Kg	94				70 (54)	130 (135)	
	Di-n-octyl phthalate	1700	1600	ug/Kg	94				70 (52)	130 (137)	
	Benzo(b)fluoranthene	1700	1600	ug/Kg	94				70 (62)	130 (109)	
	Benzo(k)fluoranthene	1700	1600	ug/Kg	94				70 (62)	130 (109)	
	Benzo(a)pyrene	1700	1600	ug/Kg	94				70 (63)	130 (103)	
	Indeno(1,2,3-cd)pyrene	1700	1600	ug/Kg	94				70 (63)	130 (101)	
	Dibenz(a,h)anthracene	1700	1600	ug/Kg	94				70 (61)	130 (112)	
	Benzo(g,h,i)perylene	1700	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	1400	ug/Kg	82				20 (50)	160 (96)	
	2,3,4,6-Tetrachlorophenol	1700	1700	ug/Kg	100				70 (59)	130 (108)	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID

PB169210BL

Lab Name: Alliance

Contract: GENV01

Lab Code: ACE

SDG NO.: Q2826

Lab File ID: BF143366.D

Lab Sample ID: PB169210BL

Instrument ID: BNA_F

Date Extracted: 08/12/2025

Matrix: (soil/water) SOIL

Date Analyzed: 08/13/2025

Level: (low/med) LOW

Time Analyzed: 10:30

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BIN0009-DRIVEWAY-TP-WESTSIDEMS	Q2830-05MS	BF143367.D	08/13/2025
BIN0009-DRIVEWAY-TP-WESTSIDEMSD	Q2830-05MSD	BF143368.D	08/13/2025
PB169210BS	PB169210BS	BP025402.D	08/14/2025
WC1	Q2826-01	BP025466.D	08/18/2025

COMMENTS: _____



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BF143342.D
Instrument ID: BNA_F

Contract: GENV01
SDG NO.: Q2826
DFTPP Injection Date: 08/12/2025
DFTPP Injection Time: 08:34

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.8) 1
69	Mass 69 relative abundance	29.6
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.5
365	Greater than 1% of mass 198	2.9
441	Present, but less than mass 443	15.1
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.4 (19.4) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BF143343.D	08/12/2025	09:03
SSTDICC005	SSTDICC005	BF143344.D	08/12/2025	09:34
SSTDICC010	SSTDICC010	BF143345.D	08/12/2025	10:04
SSTDICC020	SSTDICC020	BF143346.D	08/12/2025	10:35
SSTDICCC040	SSTDICCC040	BF143347.D	08/12/2025	11:06
SSTDICC050	SSTDICC050	BF143348.D	08/12/2025	11:37
SSTDICC060	SSTDICC060	BF143349.D	08/12/2025	12:07
SSTDICC080	SSTDICC080	BF143350.D	08/12/2025	12:38



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BF143364.D
Instrument ID: BNA_F

Contract: GENV01
SDG NO.: Q2826
DFTPP Injection Date: 08/13/2025
DFTPP Injection Time: 08:59

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.9) 1
69	Mass 69 relative abundance	29.2
70	Less than 2.0% of mass 69	0.2 (0.6) 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	5.5
365	Greater than 1% of mass 198	2.8
441	Present, but less than mass 443	15.3
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.8 (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	BF143365.D	08/13/2025	10:00
PB169210BL	PB169210BL	BF143366.D	08/13/2025	10:30
BIN0009-DRIVEWAY-TP-WESTSIDEMS	Q2830-05MS	BF143367.D	08/13/2025	11:12
BIN0009-DRIVEWAY-TP-WESTSIDEMSD	Q2830-05MSD	BF143368.D	08/13/2025	11:42



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BP025390.D
Instrument ID: BNA_P

Contract: GENV01
SDG NO.: Q2826
DFTPP Injection Date: 08/14/2025
DFTPP Injection Time: 10:30

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.6) 1
69	Mass 69 relative abundance	23.1
70	Less than 2.0% of mass 69	0.1 (0.4) 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	5.2
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	15.6
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
SSTDICC2.5	SSTDICC2.5	BP025392.D	08/14/2025	12:33
SSTDICC005	SSTDICC005	BP025393.D	08/14/2025	13:15
SSTDICC010	SSTDICC010	BP025394.D	08/14/2025	13:56
SSTDICC020	SSTDICC020	BP025395.D	08/14/2025	14:38
SSTDICCC040	SSTDICCC040	BP025396.D	08/14/2025	15:19
SSTDICC050	SSTDICC050	BP025397.D	08/14/2025	16:01
SSTDICC060	SSTDICC060	BP025398.D	08/14/2025	16:42
SSTDICC080	SSTDICC080	BP025399.D	08/14/2025	17:24
PB169210BS	PB169210BS	BP025402.D	08/14/2025	20:10



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BP025454.D
Instrument ID: BNA_P

Contract: GENV01
SDG NO.: Q2826
DFTPP Injection Date: 08/18/2025
DFTPP Injection Time: 08:34

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	34.7
70	Less than 2.0% of mass 69	0.2 (0.4) 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	6.9
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	14
442	Greater than 50% of mass 198	91.1
443	15.0 - 24.0% of mass 442	17.8 (19.5) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP025455.D	08/18/2025	10:39
WC1	Q2826-01	BP025466.D	08/18/2025	18:17

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q2826

Client ID : SSTDCCC040

Date Analyzed: 08/13/2025

Lab File ID: BF143365.D

Time Analyzed: 10:00

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	155874	6.934	589243	8.21	314886	9.96
UPPER LIMIT	311748	7.434	1178490	8.71	629772	10.463
LOWER LIMIT	77937	6.434	294622	7.71	157443	9.463
EPA SAMPLE NO.						
01 PB169210BL	176496	6.93	674917	8.21	354793	9.96
02 BIN0009-DRIVEWAY-TP-WESTSIDEMS	137804	6.93	517024	8.21	272568	9.96
03 BIN0009-DRIVEWAY-TP-WESTSIDEMS	182122	6.93	707644	8.21	400799	9.97

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.: Q2826

Client ID: SSTDCCC040

Date Analyzed: 08/13/2025

Lab File ID: BF143365.D

Time Analyzed: 10:00

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	455320	11.451	268507	14.092	321267	15.58
UPPER LIMIT	910640	11.951	537014	14.592	642534	16.08
LOWER LIMIT	227660	10.951	134254	13.592	160634	15.08
EPA SAMPLE NO.						
01 PB169210BL	604678	11.45	338429	14.09	291238	15.58
02 BIN0009-DRIVEWAY-TP-WESTSI	391965	11.45	309493	14.09	383464	15.58
03 BIN0009-DRIVEWAY-TP-WESTSI	660496	11.45	401162	14.09	380758	15.58

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.: Q2826

Client ID : SSTDICCC040

Date Analyzed: 08/14/2025

Lab File ID: BP025396.D

Time Analyzed: 15:19

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	157704	7.796	663553	10.56	441110	14.41
UPPER LIMIT	315408	8.296	1327110	11.06	882220	14.907
LOWER LIMIT	78852	7.296	331777	10.06	220555	13.907
EPA SAMPLE NO.						
01 PB169210BS	156059	7.79	650560	10.56	435539	14.41

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q2826

Client ID: SSTDICCC040

Date Analyzed: 08/14/2025

Lab File ID: BP025396.D

Time Analyzed: 15:19

Instrument ID: BNA_P

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

01

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	884529	17.201	899207	21.648	1022140	25.03
UPPER LIMIT	1769060	17.701	1798410	22.148	2044280	25.53
LOWER LIMIT	442265	16.701	449604	21.148	511070	24.53
EPA SAMPLE NO.						
PB169210BS	895607	17.20	937531	21.65	1016820	25.02

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.: Q2826

Client ID : SSTDCCC040

Date Analyzed: 08/18/2025

Lab File ID: BP025455.D

Time Analyzed: 10:39

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	129439	7.778	550485	10.55	359982	14.40
UPPER LIMIT	258878	8.278	1100970	11.048	719964	14.901
LOWER LIMIT	64719.5	7.278	275243	10.048	179991	13.901
EPA SAMPLE NO.						
01 WC1	171293	7.79	683551	10.55	427689	14.40

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q2826

Client ID: SSTDCCC040

Date Analyzed: 08/18/2025

Lab File ID: BP025455.D

Time Analyzed: 10:39

Instrument ID: BNA_P

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

01

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	707933	17.189	748424	21.63	846697	25
UPPER LIMIT	1415870	17.689	1496850	22.13	1693390	25.5
LOWER LIMIT	353967	16.689	374212	21.13	423349	24.5
EPA SAMPLE NO.						
WC1	882062	17.20	894833	21.64	1035070	25.01

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.



SAMPLE DATA

Report of Analysis

Client:	G Environmental	Date Collected:	08/11/25
Project:	Ave B	Date Received:	08/11/25
Client Sample ID:	WC1	SDG No.:	Q2826
Lab Sample ID:	Q2826-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	88.1
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	N
Injection Volume :		GPC Factor :	1.0
Prep Method :	SW3541	Level :	LOW
		Final Vol:	1000 uL
		Test:	SVOCMS Group1
		GPC Cleanup :	N
		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025466.D	2	08/12/25 09:15	08/18/25 18:17	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	350	U	350	750	ug/Kg
108-95-2	Phenol	50.1	U	50.1	390	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	55.1	U	55.1	390	ug/Kg
95-57-8	2-Chlorophenol	55.3	U	55.3	390	ug/Kg
95-48-7	2-Methylphenol	67.8	U	67.8	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	85.0	U	85.0	390	ug/Kg
98-86-2	Acetophenone	66.9	U	66.9	390	ug/Kg
65794-96-9	3+4-Methylphenols	93.2	U	93.2	750	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	110	U	110	180	ug/Kg
67-72-1	Hexachloroethane	39.9	U	39.9	390	ug/Kg
98-95-3	Nitrobenzene	41.5	U	41.5	390	ug/Kg
78-59-1	Isophorone	74.4	U	74.4	390	ug/Kg
88-75-5	2-Nitrophenol	130	U	130	390	ug/Kg
105-67-9	2,4-Dimethylphenol	150	U	150	390	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	69.9	U	69.9	390	ug/Kg
120-83-2	2,4-Dichlorophenol	64.2	U	64.2	390	ug/Kg
91-20-3	Naphthalene	51.5	U	51.5	390	ug/Kg
106-47-8	4-Chloroaniline	80.3	U	80.3	390	ug/Kg
87-68-3	Hexachlorobutadiene	57.4	U	57.4	390	ug/Kg
105-60-2	Caprolactam	120	U	120	750	ug/Kg
59-50-7	4-Chloro-3-methylphenol	65.1	U	65.1	390	ug/Kg
91-57-6	2-Methylnaphthalene	58.1	U	58.1	390	ug/Kg
77-47-4	Hexachlorocyclopentadiene	260	U	260	750	ug/Kg
88-06-2	2,4,6-Trichlorophenol	44.9	U	44.9	390	ug/Kg
95-95-4	2,4,5-Trichlorophenol	66.0	U	66.0	390	ug/Kg
92-52-4	1,1-Biphenyl	49.4	U	49.4	390	ug/Kg
91-58-7	2-Chloronaphthalene	51.0	U	51.0	390	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	390	ug/Kg
131-11-3	Dimethylphthalate	61.5	U	61.5	390	ug/Kg

Report of Analysis

Client:	G Environmental	Date Collected:	08/11/25
Project:	Ave B	Date Received:	08/11/25
Client Sample ID:	WC1	SDG No.:	Q2826
Lab Sample ID:	Q2826-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	88.1
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025466.D	2	08/12/25 09:15	08/18/25 18:17	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	65.5	U	65.5	390	ug/Kg
606-20-2	2,6-Dinitrotoluene	76.2	U	76.2	390	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	390	ug/Kg
83-32-9	Acenaphthene	48.3	U	48.3	390	ug/Kg
51-28-5	2,4-Dinitrophenol	520	U	520	750	ug/Kg
100-02-7	4-Nitrophenol	240	U	240	750	ug/Kg
132-64-9	Dibenzofuran	51.5	U	51.5	390	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	390	ug/Kg
84-66-2	Diethylphthalate	64.2	U	64.2	390	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60.6	U	60.6	390	ug/Kg
86-73-7	Fluorene	57.4	U	57.4	390	ug/Kg
100-01-6	4-Nitroaniline	150	U	150	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	230	U	230	750	ug/Kg
86-30-6	n-Nitrosodiphenylamine	74.6	U	74.6	390	ug/Kg
101-55-3	4-Bromophenyl-phenylether	63.0	U	63.0	390	ug/Kg
118-74-1	Hexachlorobenzene	57.4	U	57.4	390	ug/Kg
1912-24-9	Atrazine	77.1	U	77.1	390	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	750	ug/Kg
85-01-8	Phenanthrene	47.4	U	47.4	390	ug/Kg
120-12-7	Anthracene	75.5	U	75.5	390	ug/Kg
86-74-8	Carbazole	70.8	U	70.8	390	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	390	ug/Kg
206-44-0	Fluoranthene	68.0	U	68.0	390	ug/Kg
129-00-0	Pyrene	81.6	U	81.6	390	ug/Kg
85-68-7	Butylbenzylphthalate	160	U	160	390	ug/Kg
91-94-1	3,3-Dichlorobenzidine	83.2	U	83.2	750	ug/Kg
56-55-3	Benzo(a)anthracene	52.2	U	52.2	390	ug/Kg
218-01-9	Chrysene	45.1	U	45.1	390	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	180	J	130	390	ug/Kg
117-84-0	Di-n-octyl phthalate	200	U	200	750	ug/Kg
205-99-2	Benzo(b)fluoranthene	43.1	U	43.1	390	ug/Kg

Report of Analysis

Client:	G Environmental	Date Collected:	08/11/25
Project:	Ave B	Date Received:	08/11/25
Client Sample ID:	WC1	SDG No.:	Q2826
Lab Sample ID:	Q2826-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	88.1
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025466.D	2	08/12/25 09:15	08/18/25 18:17	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	50.8	U	50.8	390	ug/Kg
50-32-8	Benzo(a)pyrene	66.9	U	66.9	390	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	66.0	U	66.0	390	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	62.1	U	62.1	390	ug/Kg
191-24-2	Benzo(g,h,i)perylene	58.3	U	58.3	390	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58.1	U	58.1	390	ug/Kg
123-91-1	1,4-Dioxane	100	U	100	390	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	62.1	U	62.1	390	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	38.1	*	30 (18) - 130 (112)	25%	SPK: 150
13127-88-3	Phenol-d6	41.7	*	30 (15) - 130 (107)	28%	SPK: 150
4165-60-0	Nitrobenzene-d5	26.3	*	30 (18) - 130 (107)	26%	SPK: 100
321-60-8	2-Fluorobiphenyl	27.5	*	30 (20) - 130 (109)	27%	SPK: 100
118-79-6	2,4,6-Tribromophenol	23.5	*	30 (10) - 130 (116)	16%	SPK: 150
1718-51-0	Terphenyl-d14	28.6	*	30 (10) - 130 (105)	29%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	171000	7.79
1146-65-2	Naphthalene-d8	684000	10.554
15067-26-2	Acenaphthene-d10	428000	14.401
1517-22-2	Phenanthrene-d10	882000	17.201
1719-03-5	Chrysene-d12	895000	21.642
1520-96-3	Perylene-d12	1040000	25.013

TENTATIVE IDENTIFIED COMPOUNDS

000994-05-8	Butane, 2-methoxy-2-methyl-	360	JB	3.04	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	200	AB	4.95	ug/Kg
000103-23-1	Hexanedioic acid, bis(2-ethylhexyl	200	J	20.7	ug/Kg

Report of Analysis

Client:	G Environmental	Date Collected:	08/11/25
Project:	Ave B	Date Received:	08/11/25
Client Sample ID:	WC1	SDG No.:	Q2826
Lab Sample ID:	Q2826-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	88.1
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	SVOCMS Group1
	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	1.0	GPC Cleanup : N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025466.D	2	08/12/25 09:15	08/18/25 18:17	PB169210

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025466.D
Acq On : 18 Aug 2025 18:17
Operator : CG/JU
Sample : Q2826-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC1

Quant Time: Aug 18 18:38:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

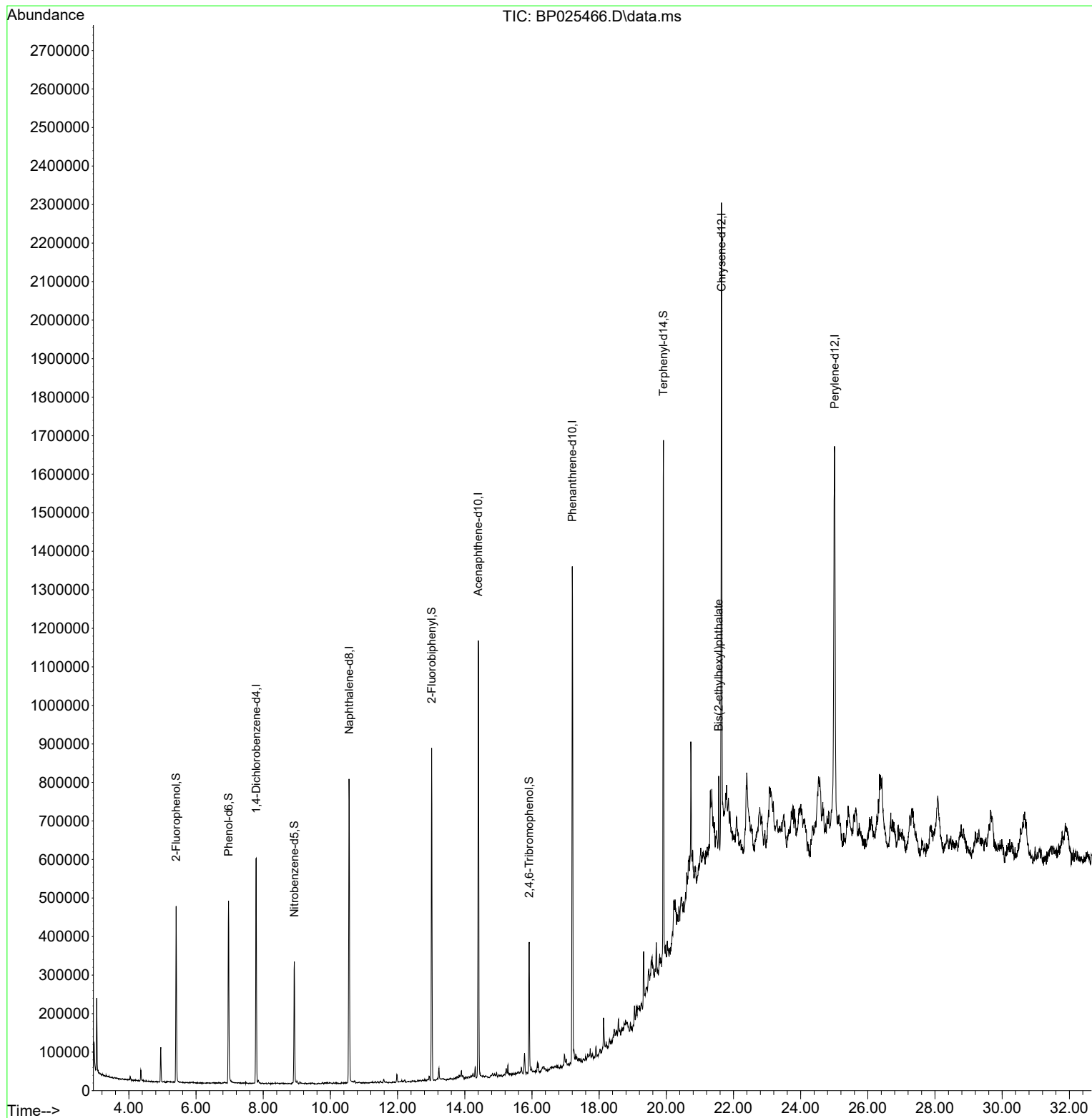
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	171293	20.000	ng	0.00
21) Naphthalene-d8	10.554	136	683551	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	427689	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	882062	20.000	ng	0.00
76) Chrysene-d12	21.642	240	894833	20.000	ng	0.00
86) Perylene-d12	25.013	264	1035074	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	196413	19.042	ng	0.00
7) Phenol-d6	6.966	99	275769	20.854	ng	0.00
23) Nitrobenzene-d5	8.925	82	177506	13.136	ng	-0.01
42) 2,4,6-Tribromophenol	15.919	330	67758	11.770	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	429854	13.736	ng	0.00
79) Terphenyl-d14	19.913	244	700118	14.315	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	21.560	149	92036	2.372	ng	Qvalue 99

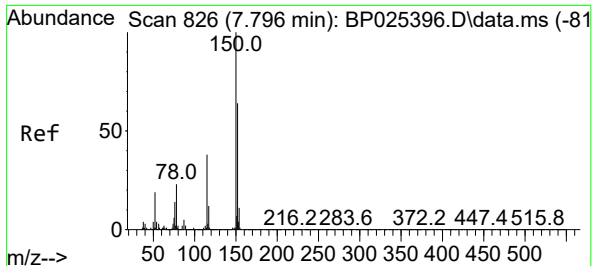
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025466.D
Acq On : 18 Aug 2025 18:17
Operator : CG/JU
Sample : Q2826-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC1

Quant Time: Aug 18 18:38:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

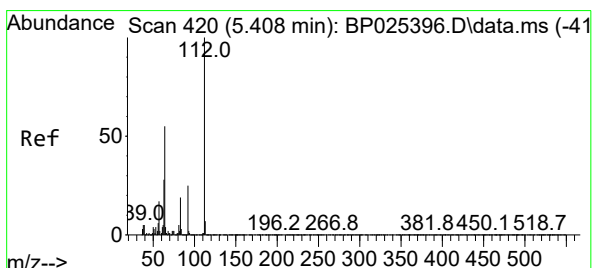
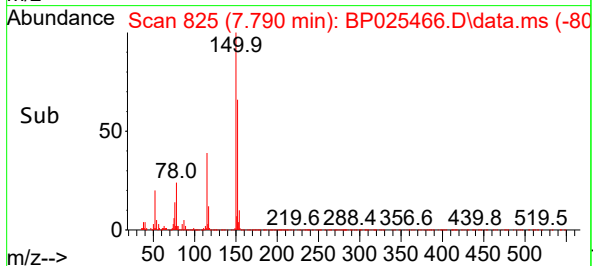
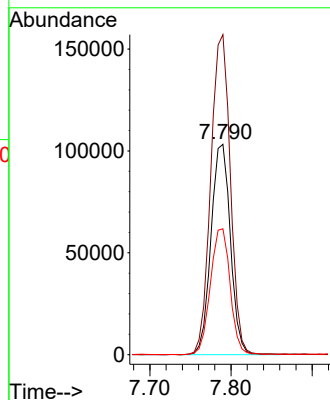
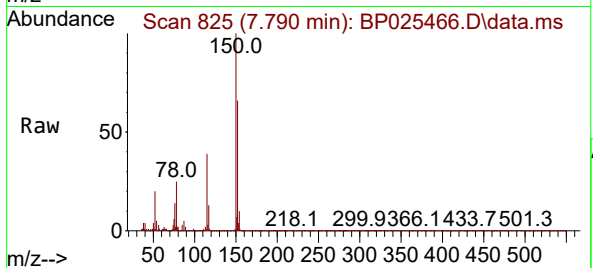




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025466.D
Acq: 18 Aug 2025 18:17

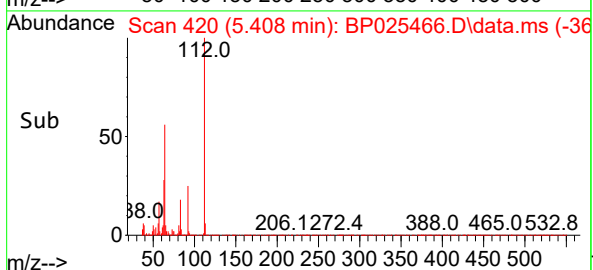
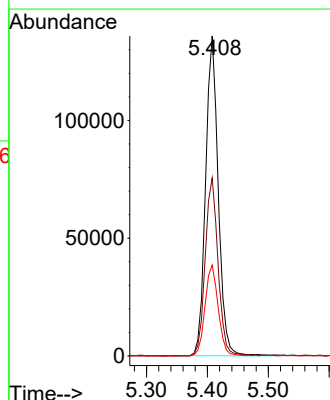
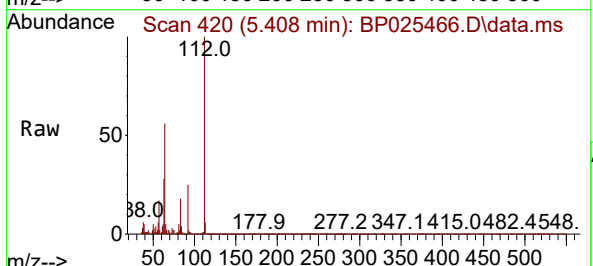
Instrument :
BNA_P
ClientSampleId :
WC1

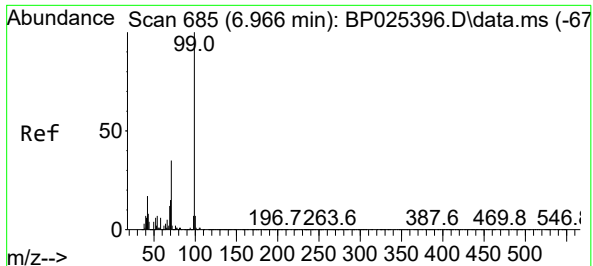
Tgt Ion:152 Resp: 171293
Ion Ratio Lower Upper
152 100
150 152.0 125.9 188.9
115 59.9 48.5 72.7



#5
2-Fluorophenol
Concen: 19.042 ng
RT: 5.408 min Scan# 420
Delta R.T. 0.000 min
Lab File: BP025466.D
Acq: 18 Aug 2025 18:17

Tgt Ion:112 Resp: 196413
Ion Ratio Lower Upper
112 100
64 55.7 43.8 65.8
63 28.4 22.7 34.1

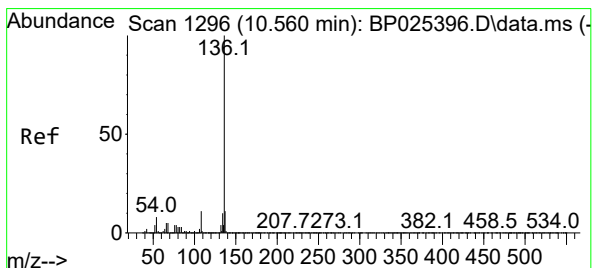
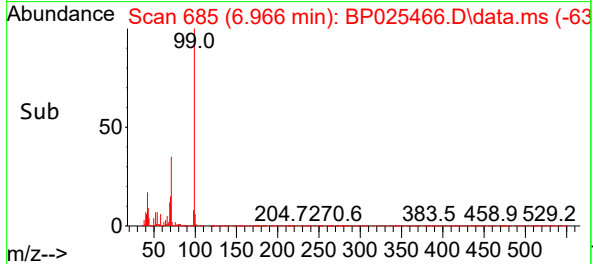
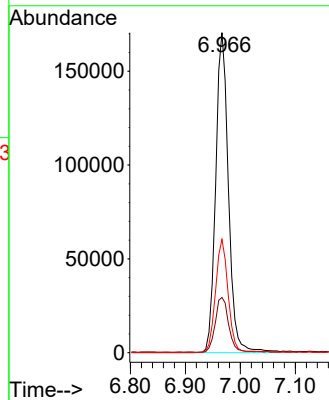
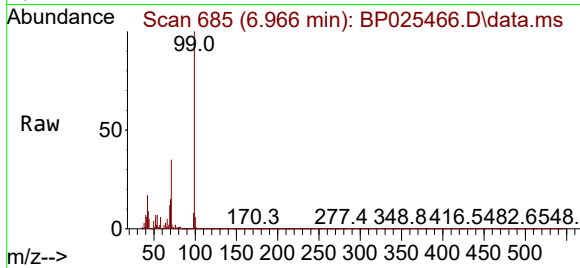




#7
Phenol-d6
Concen: 20.854 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025466.D
Acq: 18 Aug 2025 18:17

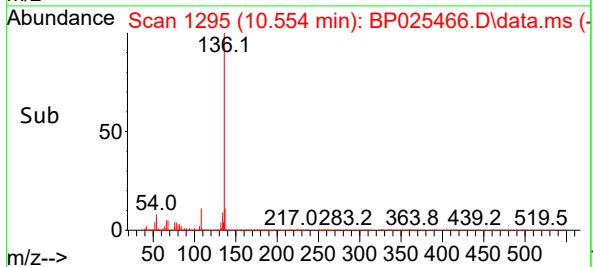
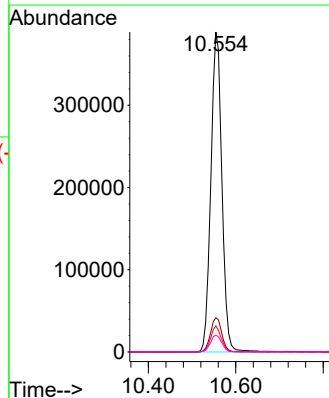
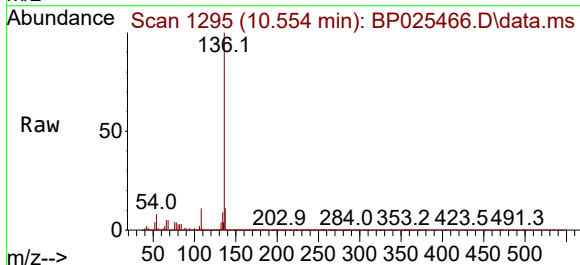
Instrument :
BNA_P
ClientSampleId :
WC1

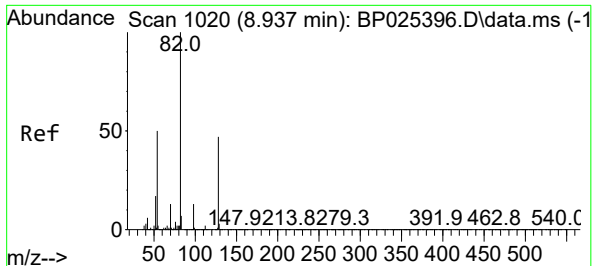
Tgt Ion: 99 Resp: 275769
Ion Ratio Lower Upper
99 100
42 17.3 13.7 20.5
71 35.4 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.554 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP025466.D
Acq: 18 Aug 2025 18:17

Tgt Ion: 136 Resp: 683551
Ion Ratio Lower Upper
136 100
137 10.7 9.2 13.8
54 8.2 6.0 9.0
68 5.3 4.3 6.5





#23

Nitrobenzene-d5

Concen: 13.136 ng

RT: 8.925 min Scan# 1018

Delta R.T. -0.012 min

Lab File: BP025466.D

Acq: 18 Aug 2025 18:17

Instrument :

BNA_P

ClientSampleId :

WC1

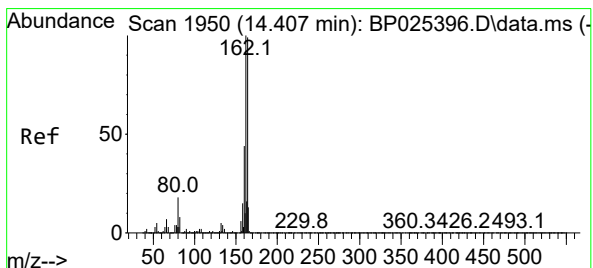
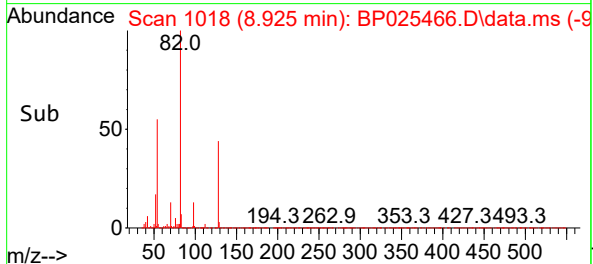
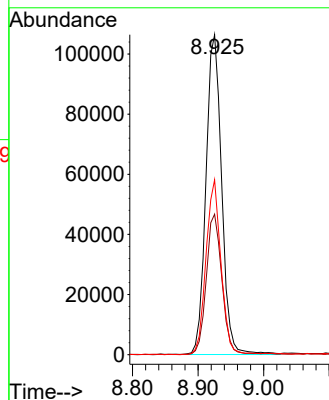
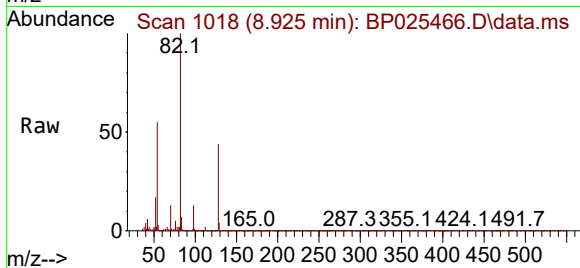
Tgt Ion: 82 Resp: 177506

Ion Ratio Lower Upper

82 100

128 43.9 37.7 56.5

54 54.7 39.8 59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.401 min Scan# 1949

Delta R.T. -0.006 min

Lab File: BP025466.D

Acq: 18 Aug 2025 18:17

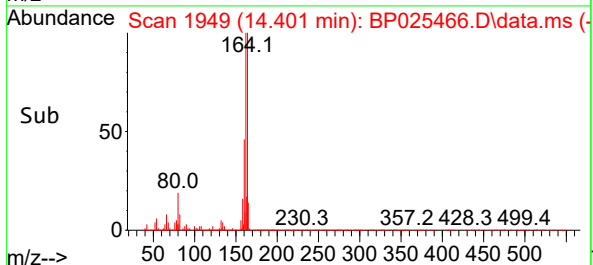
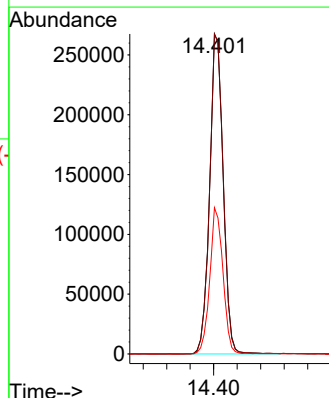
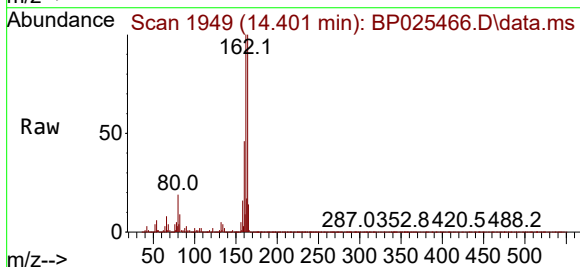
Tgt Ion: 164 Resp: 427689

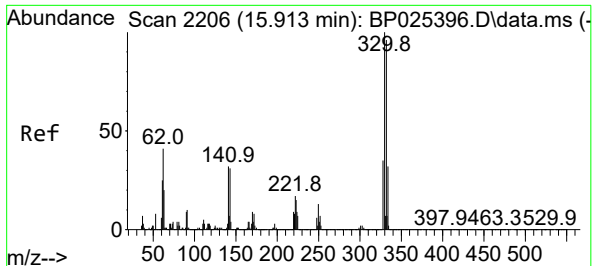
Ion Ratio Lower Upper

164 100

162 100.0 81.0 121.6

160 45.7 35.4 53.2

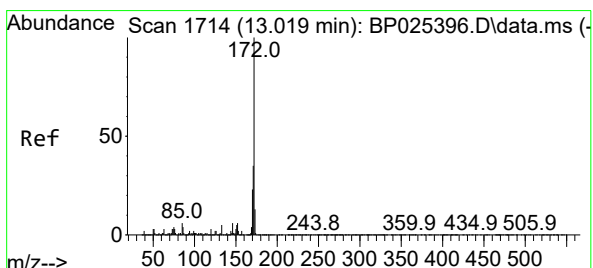
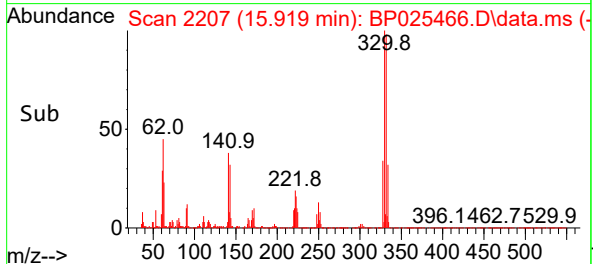
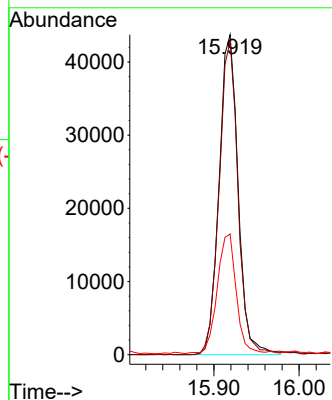
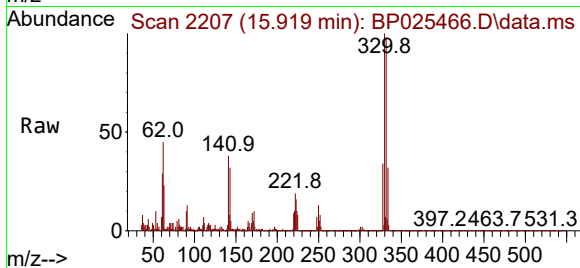




#42
2,4,6-Tribromophenol
Concen: 11.770 ng
RT: 15.919 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025466.D
Acq: 18 Aug 2025 18:17

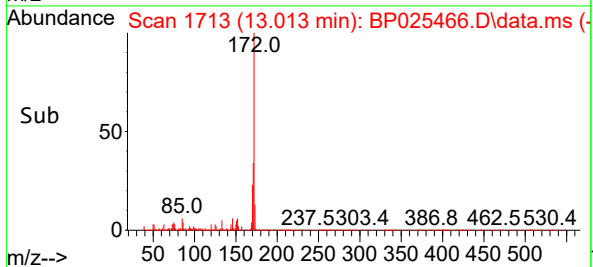
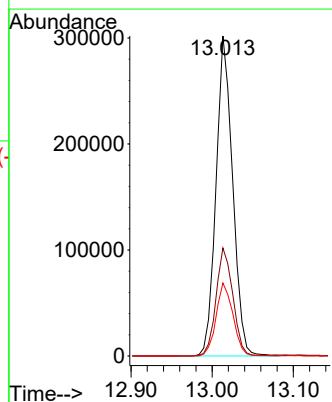
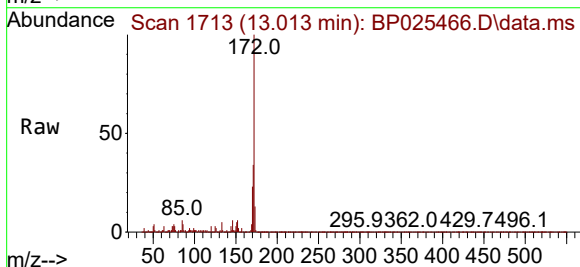
Instrument :
BNA_P
ClientSampleId :
WC1

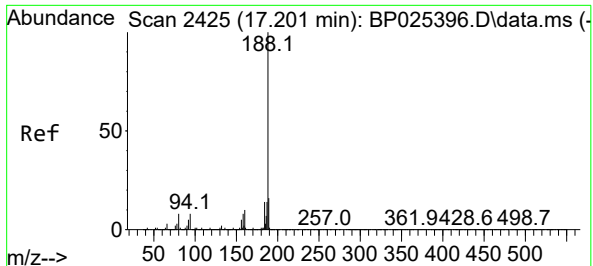
Tgt Ion:330 Resp: 67758
Ion Ratio Lower Upper
330 100
332 97.8 77.3 115.9
141 37.4 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 13.736 ng
RT: 13.013 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP025466.D
Acq: 18 Aug 2025 18:17

Tgt Ion:172 Resp: 429854
Ion Ratio Lower Upper
172 100
171 33.8 28.1 42.1
170 22.8 18.6 28.0

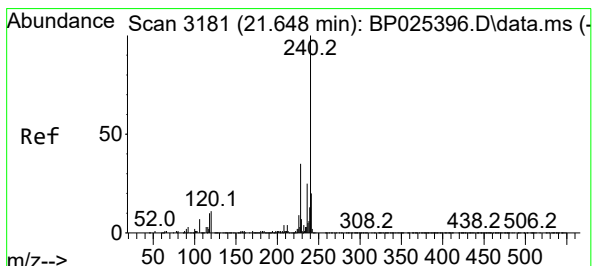
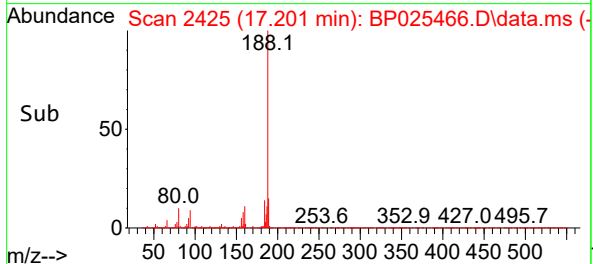
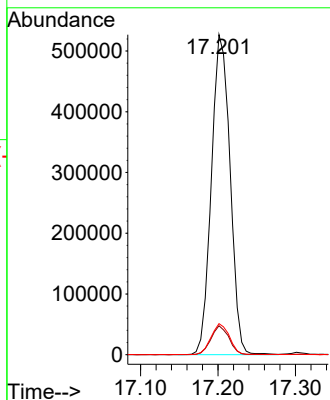
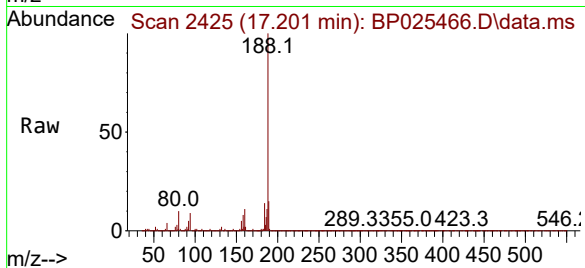




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP025466.D
Acq: 18 Aug 2025 18:17

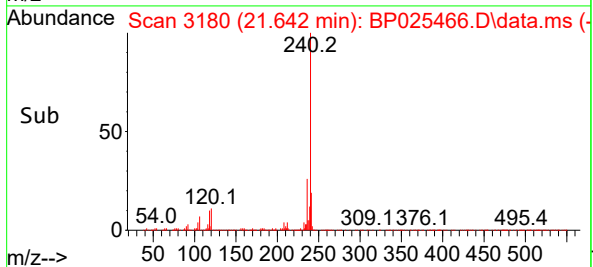
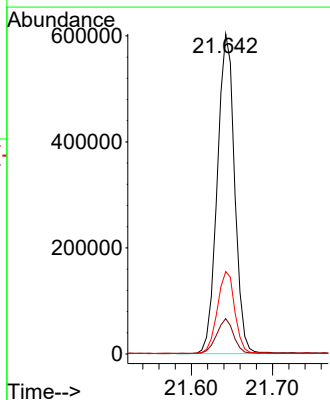
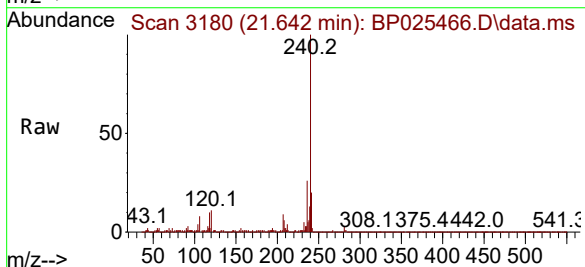
Instrument :
BNA_P
ClientSampleId :
WC1

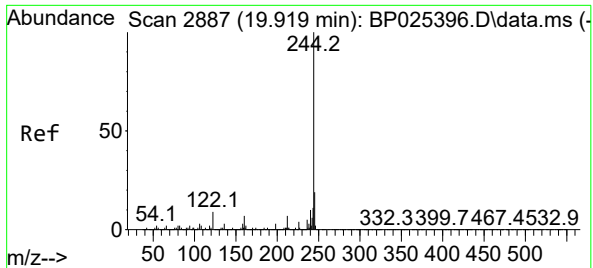
Tgt Ion:188 Resp: 882062
Ion Ratio Lower Upper
188 100
94 9.0 6.6 10.0
80 9.7 6.7 10.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.642 min Scan# 3180
Delta R.T. -0.006 min
Lab File: BP025466.D
Acq: 18 Aug 2025 18:17

Tgt Ion:240 Resp: 894833
Ion Ratio Lower Upper
240 100
120 11.0 8.9 13.3
236 25.8 19.8 29.8

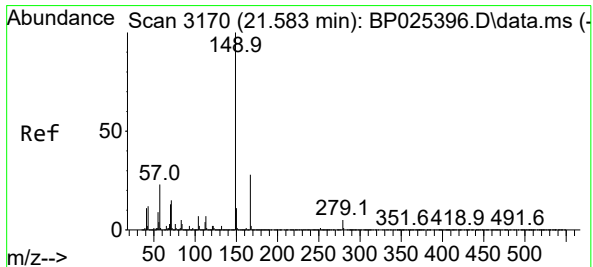
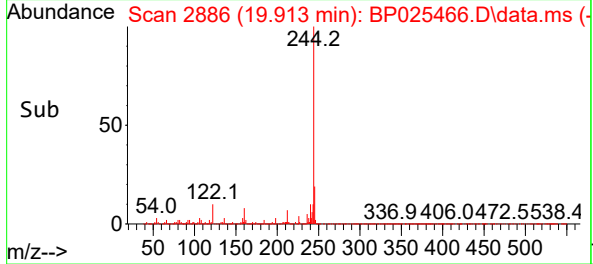
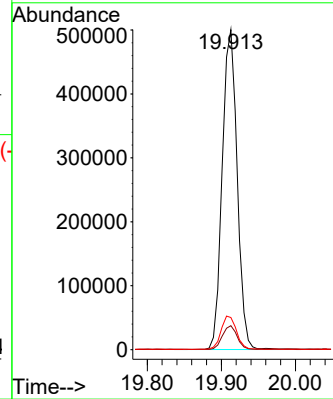
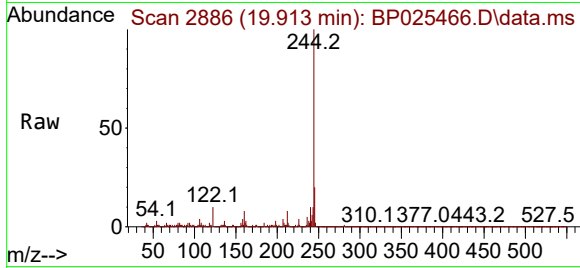




#79
 Terphenyl-d14
 Concen: 14.315 ng
 RT: 19.913 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP025466.D
 Acq: 18 Aug 2025 18:17

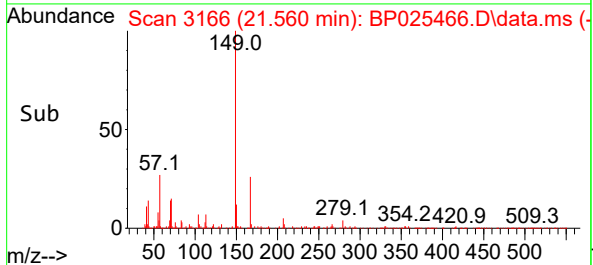
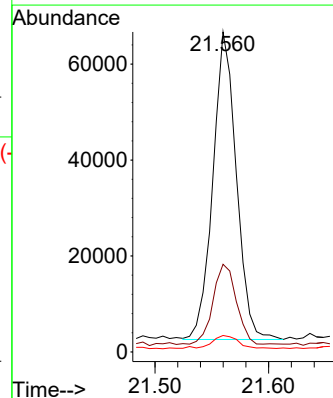
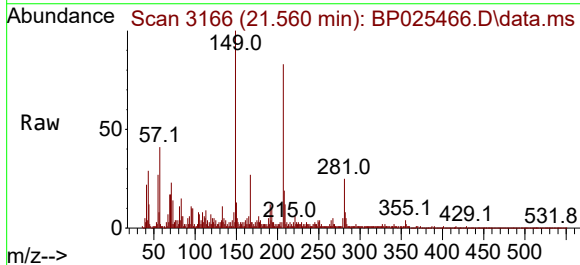
Instrument :
 BNA_P
 ClientSampleId :
 WC1

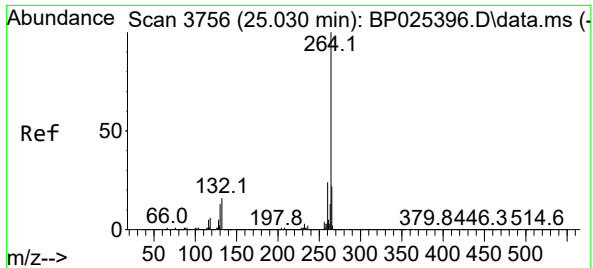
Tgt Ion:244 Resp: 700118
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.6
 122 10.0 7.4 11.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.372 ng
 RT: 21.560 min Scan# 3166
 Delta R.T. -0.023 min
 Lab File: BP025466.D
 Acq: 18 Aug 2025 18:17

Tgt Ion:149 Resp: 92036
 Ion Ratio Lower Upper
 149 100
 167 27.4 22.1 33.1
 279 5.2 3.8 5.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.013 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP025466.D

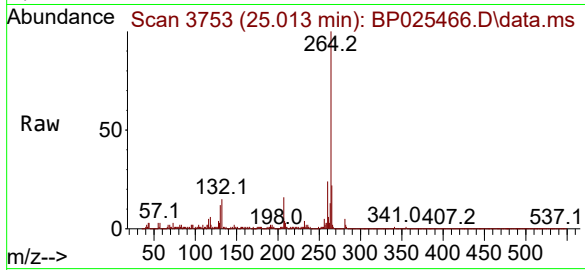
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Instrument :

BNA_P

ClientSampleId :

WC1



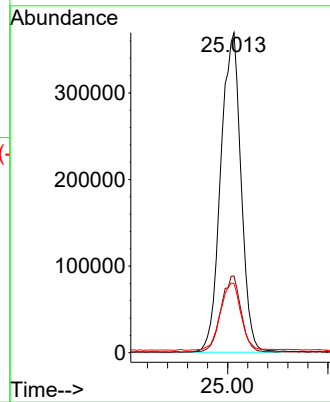
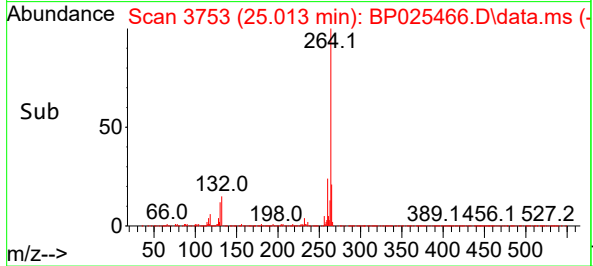
Tgt Ion:264 Resp: 1035074

Ion Ratio Lower Upper

264 100

260 23.9 19.3 28.9

265 21.7 17.4 26.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
 Data File : BP025466.D
 Acq On : 18 Aug 2025 18:17
 Operator : CG/JU
 Sample : Q2826-01 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC1

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_P\Methods\8270E-BP081425.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025466.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.043	14	18	23	rVB	187694	234464	8.29%	1.230%
2	4.355	236	241	246	rBV	28635	40335	1.43%	0.212%
3	4.949	337	342	351	rVB	90533	130708	4.62%	0.686%
4	5.408	413	420	431	rBV	457542	674353	23.83%	3.539%
5	6.966	679	685	696	rBV	472518	781291	27.61%	4.100%
6	7.790	817	825	832	rBV	584288	981013	34.67%	5.148%
7	8.925	1011	1018	1029	rBV	313765	511577	18.08%	2.685%
8	10.554	1285	1295	1310	rBV	789397	1405340	49.66%	7.375%
9	11.978	1532	1537	1544	rBV	20396	33259	1.18%	0.175%
10	13.013	1706	1713	1723	rBV	863344	1242379	43.90%	6.520%
11	13.231	1745	1750	1757	rVB2	28715	41150	1.45%	0.216%
12	14.307	1929	1933	1939	rVB	29033	43958	1.55%	0.231%
13	14.401	1942	1949	1958	rBV	1133537	1813632	64.09%	9.518%
14	15.778	2178	2183	2191	rVB	54922	99092	3.50%	0.520%
15	15.919	2200	2207	2214	rBV	341456	557010	19.68%	2.923%
16	16.160	2244	2248	2250	rBV3	24703	30857	1.09%	0.162%
17	16.966	2381	2385	2390	rBV3	27321	47535	1.68%	0.249%
18	17.201	2419	2425	2432	rBV2	1283947	2160431	76.34%	11.337%
19	17.907	2541	2545	2549	rVB6	25807	38246	1.35%	0.201%
20	18.131	2580	2583	2590	rBV3	74721	113054	3.99%	0.593%
21	19.054	2736	2740	2744	rBV5	51669	81077	2.87%	0.425%
22	19.325	2782	2786	2791	rBV	141792	230971	8.16%	1.212%
23	19.701	2847	2850	2854	rVB2	74015	94418	3.34%	0.495%
24	19.913	2881	2886	2895	rBV	1333197	1877944	66.36%	9.855%
25	20.730	3022	3025	3029	rBV	299235	326320	11.53%	1.712%
26	21.560	3164	3166	3172	rVB	190501	216982	7.67%	1.139%
27	21.642	3175	3180	3185	rVV2	1608759	2418413	85.46%	12.691%
28	25.007	3745	3752	3767	rVB2	980098	2829890	100.00%	14.851%

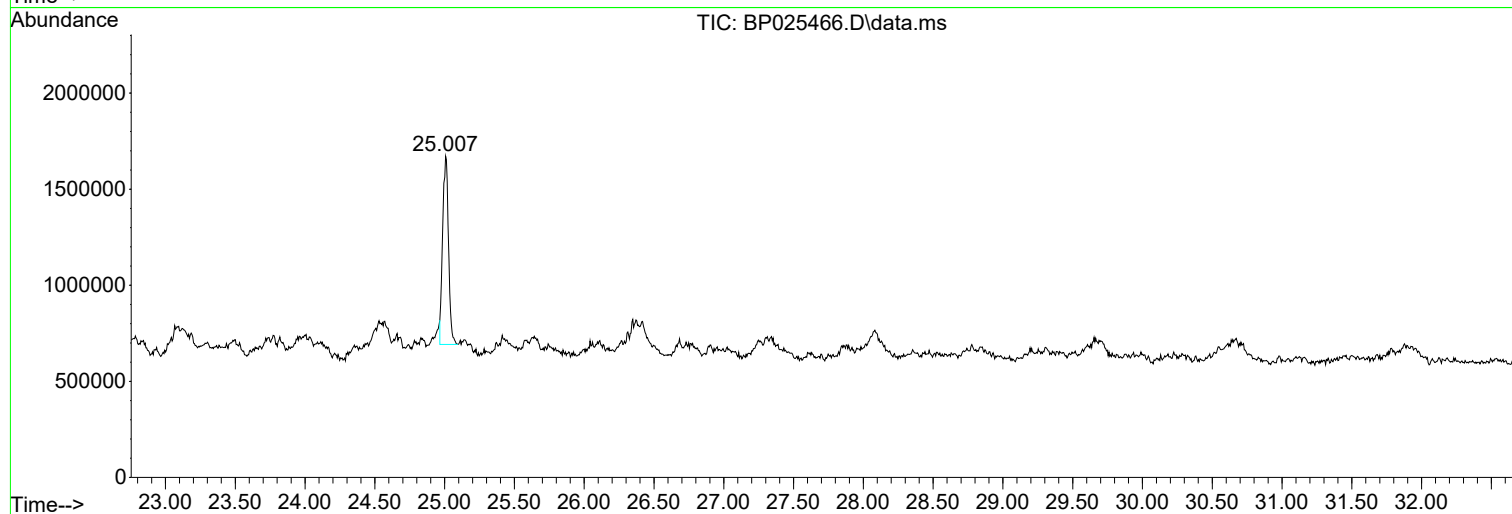
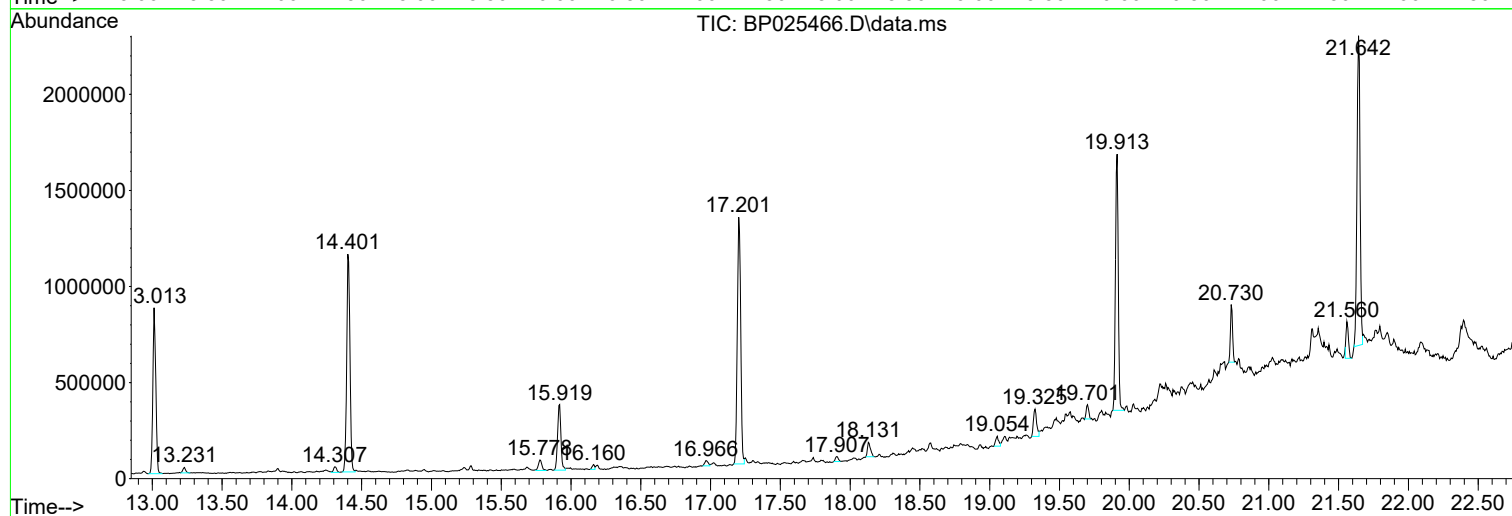
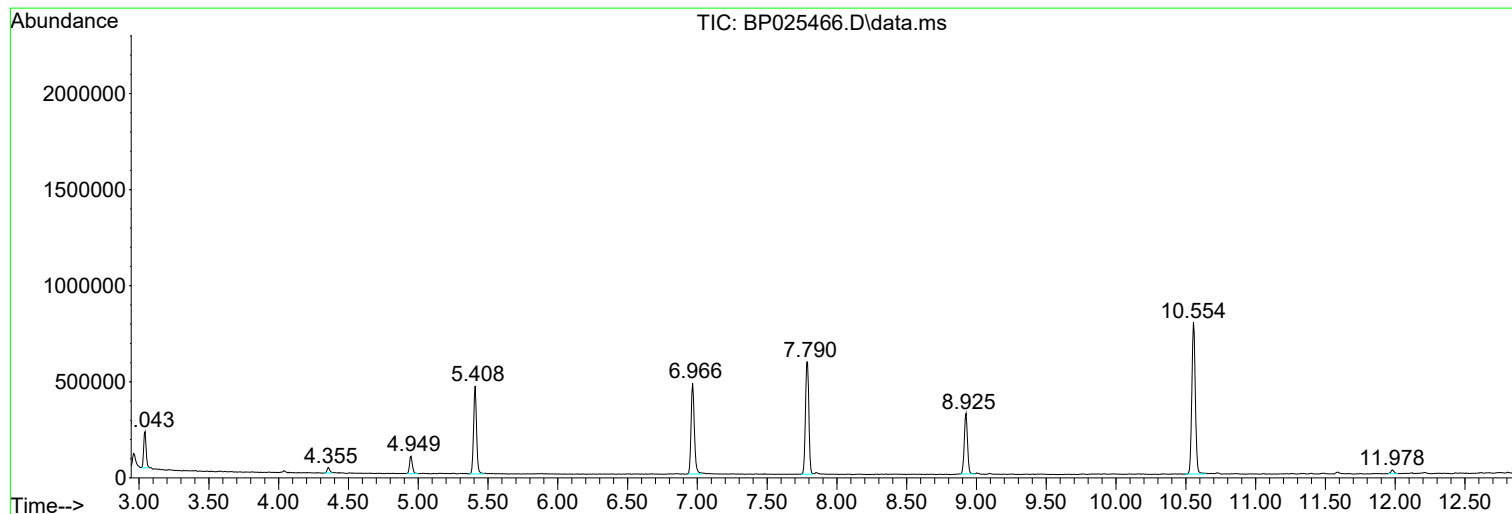
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Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025466.D
Acq On : 18 Aug 2025 18:17
Operator : CG/JU
Sample : Q2826-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025466.D
Acq On : 18 Aug 2025 18:17
Operator : CG/JU
Sample : Q2826-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

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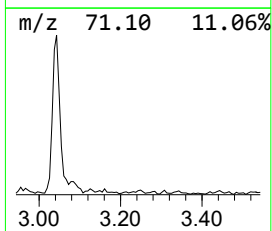
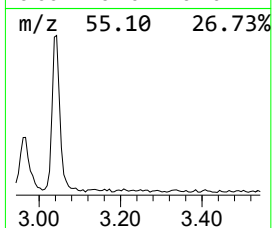
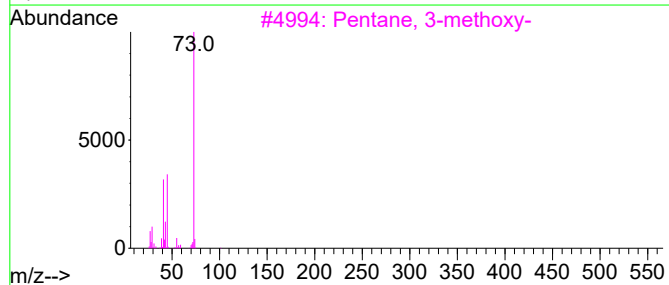
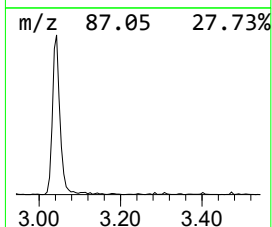
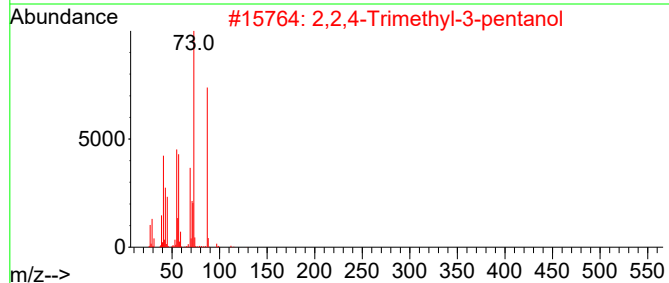
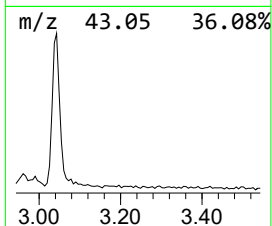
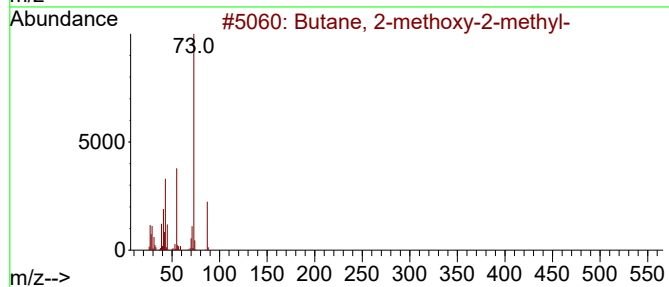
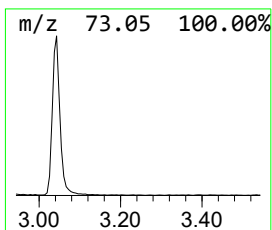
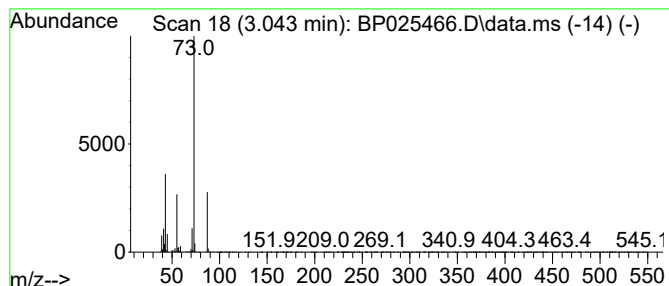
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.043	4.78 ng	234464	1,4-Dichlorobenzene-d4	7.790

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025466.D
Acq On : 18 Aug 2025 18:17
Operator : CG/JU
Sample : Q2826-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC1

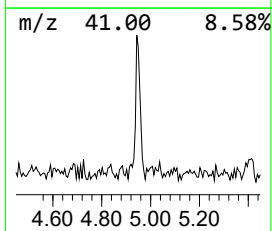
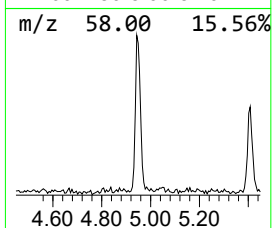
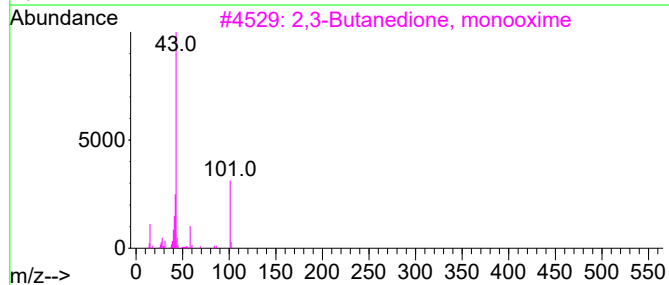
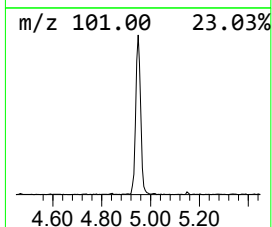
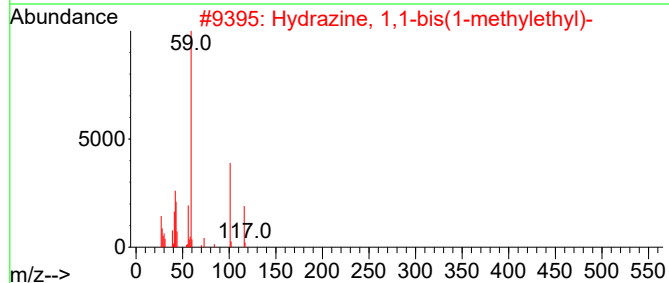
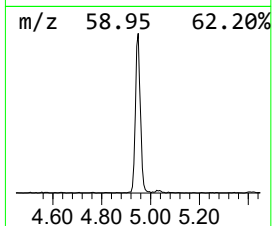
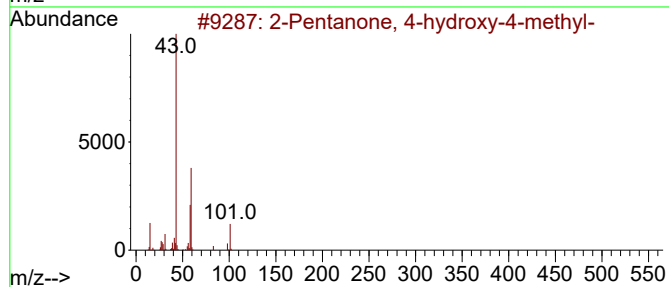
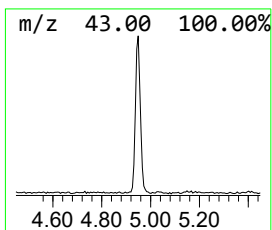
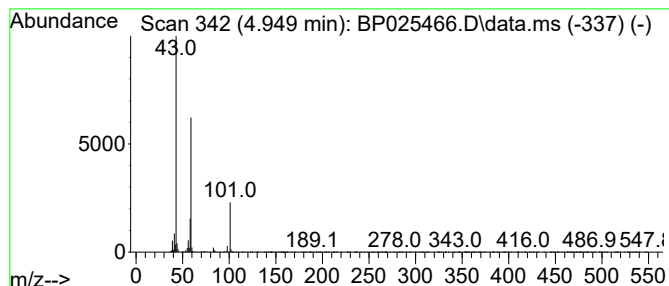
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.949	2.66 ng	130708	1,4-Dichlorobenzene-d4	7.790

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2			Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	40
3			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	32
4			3-Hexanol	102	C6H14O	000623-37-0	28
5			4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	23



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025466.D
Acq On : 18 Aug 2025 18:17
Operator : CG/JU
Sample : Q2826-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC1

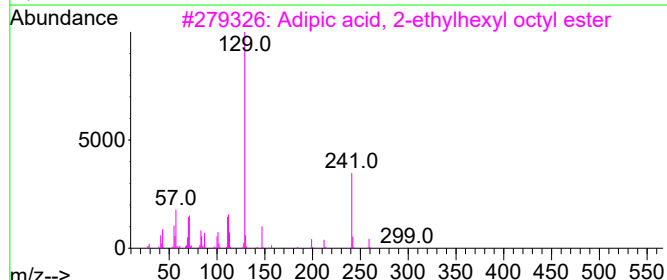
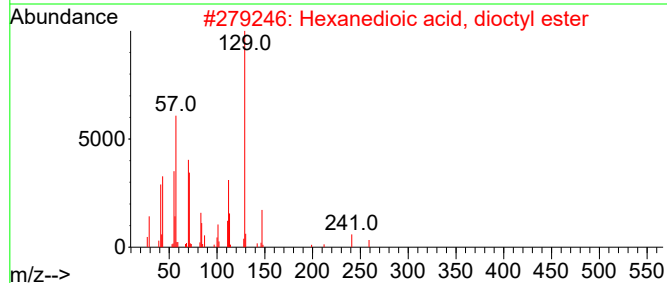
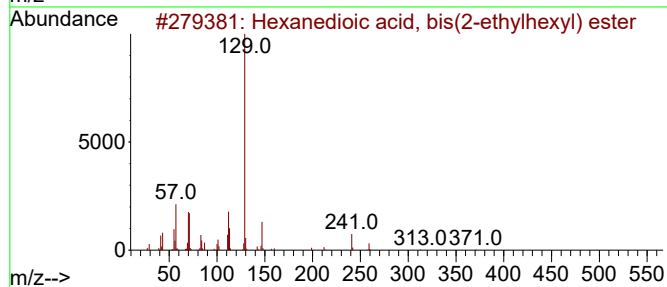
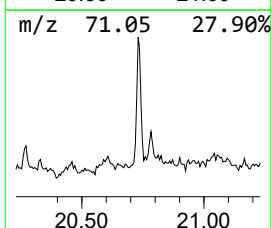
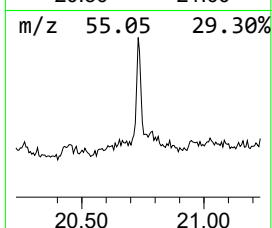
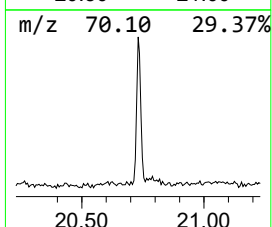
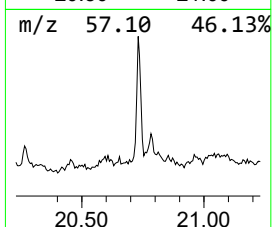
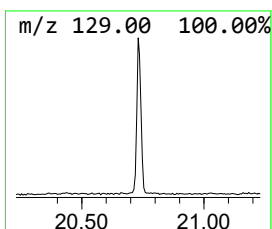
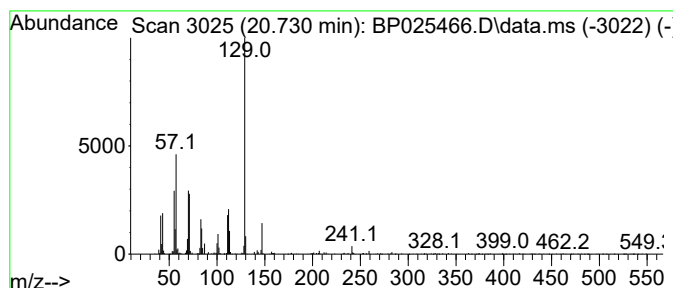
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Hexanedioic acid, bis(2-eth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.730	2.70 ng	326320	Chrysene-d12	21.642

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	91
2			Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	68
3			Adipic acid, 2-ethylhexyl octyl ...	370	C22H42O4	1000324-48-6	64
4			Diisooctyl adipate	370	C22H42O4	001330-86-5	58
5			Adipic acid, 2-ethylhexyl isohex...	342	C20H38O4	1000324-48-3	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025466.D
Acq On : 18 Aug 2025 18:17
Operator : CG/JU
Sample : Q2826-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.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
Butane, 2-metho...	3.043	4.8	ng	234464	1	7.790	981013	20.0
2-Pentanone, 4-...	4.949	2.7	ng	130708	1	7.790	981013	20.0
Hexanedioic aci...	20.730	2.7	ng	326320	5	21.642	2418410	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: GENV01Lab Code: ACESDG No.: Q2826Instrument ID: BNA_FCalibration Date(s): 08/12/2025 08/12/2025Calibration Time(s): 09:03 12:38

LAB FILE ID:		RRF2.5 = BF143343.D			RRF005 = BF143344.D		RRF010 = BF143345.D	
		RRF020 = BF143346.D			RRF040 = BF143347.D		RRF050 = BF143348.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.155	1.170	1.207	1.179	1.143	1.157	3.1
Benzaldehyde			1.109	1.106	1.011	0.875	0.980	14.2
Phenol-d6		1.527	1.505	1.541	1.500	1.447	1.483	3.6
Phenol		1.823	1.791	1.843	1.783	1.721	1.757	4.6
bis(2-Chloroethyl)ether		1.357	1.304	1.333	1.306	1.252	1.295	3.3
2-Chlorophenol		1.167	1.215	1.272	1.259	1.240	1.236	3.0
2-Methylphenol		1.017	1.038	1.077	1.064	1.036	1.043	2.3
2,2-oxybis(1-Chloropropane)		2.521	2.408	2.435	2.317	2.214	2.312	6.8
Acetophenone		0.500	0.478	0.475	0.429	0.404	0.441	10.0
3+4-Methylphenols			1.331	1.373	1.288	1.227	1.262	7.0
n-Nitroso-di-n-propylamine	0.956	0.992	0.942	0.957	0.910	0.863	0.916	5.9
Nitrobenzene-d5		0.277	0.304	0.339	0.336	0.328	0.321	7.2
Hexachloroethane		0.425	0.433	0.460	0.462	0.449	0.449	3.4
Nitrobenzene		0.322	0.329	0.366	0.359	0.352	0.349	5.0
Isophorone		0.692	0.662	0.683	0.645	0.627	0.656	3.8
2-Nitrophenol		0.069	0.085	0.109	0.126	0.134	0.118	26.9
2,4-Dimethylphenol		0.259	0.261	0.288	0.279	0.275	0.274	4.2
bis(2-Chloroethoxy)methane		0.424	0.410	0.425	0.396	0.383	0.400	5.2
2,4-Dichlorophenol		0.243	0.256	0.286	0.275	0.270	0.267	5.5
Naphthalene		1.083	1.023	1.029	0.944	0.901	0.962	8.9
4-Chloroaniline		0.362	0.350	0.367	0.345	0.334	0.347	4.1
Hexachlorobutadiene		0.185	0.181	0.187	0.175	0.166	0.175	5.5
Caprolactam			0.061	0.073	0.079	0.078	0.075	9.9
4-Chloro-3-methylphenol		0.270	0.274	0.296	0.286	0.279	0.280	3.5
2-Methylnaphthalene		0.720	0.673	0.681	0.622	0.591	0.633	9.6
Hexachlorocyclopentadiene			0.088	0.130	0.167	0.172	0.158	26.7
2,4,6-Trichlorophenol		0.242	0.272	0.316	0.334	0.328	0.311	12.4
2-Fluorobiphenyl		1.444	1.332	1.285	1.132	1.060	1.179	15.1
2,4,5-Trichlorophenol		0.307	0.308	0.366	0.377	0.364	0.351	8.5
1,1-Biphenyl		1.613	1.506	1.516	1.389	1.317	1.414	9.6
2-Chloronaphthalene		1.216	1.176	1.180	1.095	1.046	1.114	7.1
2-Nitroaniline		0.188	0.223	0.279	0.309	0.321	0.284	20.2
Dimethylphthalate		1.160	1.178	1.244	1.180	1.144	1.169	3.7
Acenaphthylene		1.759	1.682	1.719	1.588	1.525	1.608	7.1

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: GENV01Lab Code: ACESDG No.: Q2826Instrument ID: BNA_FCalibration Date(s): 08/12/2025 08/12/2025Calibration Time(s): 09:03 12:38

LAB FILE ID:		RRF2.5 = BF143343.D			RRF005 = BF143344.D		RRF010 = BF143345.D	
		RRF020 = BF143346.D			RRF040 = BF143347.D		RRF050 = BF143348.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2,6-Dinitrotoluene		0.125	0.147	0.188	0.213	0.219	0.193	21.9
3-Nitroaniline		0.159	0.193	0.250	0.261	0.265	0.239	18.9
Acenaphthene		1.208	1.127	1.121	1.054	1.012	1.069	8.3
2,4-Dinitrophenol			0.030	0.046	0.066	0.073	0.065	36.5
4-Nitrophenol			0.096	0.147	0.173	0.180	0.163	22.5
Dibenzofuran		1.757	1.641	1.634	1.511	1.438	1.539	9.3
2,4-Dinitrotoluene		0.154	0.191	0.257	0.289	0.296	0.256	23.4
Diethylphthalate		1.011	1.061	1.132	1.081	1.037	1.047	4.8
4-Chlorophenyl-phenylether		0.645	0.601	0.600	0.563	0.533	0.568	8.8
Fluorene		1.381	1.288	1.251	1.142	1.091	1.175	11.6
4-Nitroaniline		0.174	0.202	0.253	0.249	0.248	0.232	13.4
4,6-Dinitro-2-methylphenol			0.036	0.054	0.071	0.077	0.069	29.8
n-Nitrosodiphenylamine		0.693	0.670	0.674	0.655	0.639	0.659	3.4
2,4,6-Tribromophenol		0.105	0.127	0.149	0.160	0.160	0.146	15.1
4-Bromophenyl-phenylether		0.232	0.222	0.232	0.231	0.227	0.229	1.6
Hexachlorobenzene		0.258	0.249	0.250	0.244	0.237	0.247	2.8
Atrazine		0.147	0.157	0.187	0.178	0.180	0.172	8.4
Pentachlorophenol			0.058	0.087	0.108	0.113	0.101	24.1
Phenanthrene		1.214	1.159	1.156	1.081	1.022	1.091	8.0
Anthracene		1.225	1.168	1.184	1.088	1.043	1.107	8.0
Carbazole		1.049	1.000	1.017	0.934	0.879	0.942	8.7
Di-n-butylphthalate		0.674	0.739	0.889	0.864	0.819	0.798	9.2
Fluoranthene		1.120	1.054	1.051	0.917	0.873	0.956	12.3
Pyrene		1.924	1.963	1.910	1.661	1.513	1.678	15.4
Terphenyl-d14		1.337	1.346	1.297	1.089	0.976	1.120	18.4
Butylbenzylphthalate		0.179	0.208	0.272	0.303	0.320	0.284	24.1
3,3-Dichlorobenzidine			0.255	0.327	0.364	0.374	0.343	13.8
Benzo (a) anthracene		1.335	1.224	1.339	1.258	1.229	1.271	4.4
Chrysene		1.270	1.249	1.199	1.175	1.163	1.185	5.1
Bis (2-ethylhexyl) phthalate		0.228	0.277	0.348	0.441	0.478	0.403	29.8
Di-n-octyl phthalate			0.545	0.692	0.888	0.945	0.860	23.5
Benzo (b) fluoranthene		1.172	1.027	1.092	1.118	1.046	1.094	5.0
Benzo (k) fluoranthene		1.064	1.080	1.158	1.036	1.053	1.063	4.4
Benzo (a) pyrene		1.049	1.011	1.060	1.033	1.012	1.030	2.0
Indeno (1,2,3-cd) pyrene		1.401	1.455	1.479	1.449	1.392	1.433	2.2

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: AllianceContract: GENV01Lab Code: ACESDG No.: Q2826Instrument ID: BNA_FCalibration Date(s): 08/12/2025 08/12/2025Calibration Time(s): 09:03 12:38

LAB FILE ID:		RRF2.5 = BF143343.D		RRF005 = BF143344.D		RRF010 = BF143345.D		
		RRF020 = BF143346.D		RRF040 = BF143347.D		RRF050 = BF143348.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Dibenzo(a,h)anthracene		1.129	1.162	1.184	1.170	1.119	1.145	2.8
Benzo(g,h,i)perylene		1.108	1.192	1.188	1.169	1.124	1.153	2.9
1,2,4,5-Tetrachlorobenzene		0.588	0.566	0.575	0.542	0.524	0.547	5.7
1,4-Dioxane		0.606	0.582	0.614	0.596	0.592	0.598	2.1
2,3,4,6-Tetrachlorophenol		0.172	0.188	0.236	0.255	0.258	0.236	17.3

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-BF081225.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Tue Aug 12 13:25:39 2025
 Response Via : Initial Calibration

Calibration Files

2.5 =BF143343.D 5 =BF143344.D 10 =BF143345.D 20 =BF143346.D 40 =BF143347.D 50 =BF143348.D 60 =BF143349.D 80 =BF143350.D

	Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane	0.606	0.582	0.614	0.596	0.592	0.612	0.586	0.598	2.12	
3)	Pyridine	1.476	1.573	1.597	1.615	1.623	1.668	1.613	1.595	3.75	
4)	n-Nitrosodimet...		0.686	0.711	0.759	0.762	0.776	0.764	0.743	4.80	
5) S	2-Fluorophenol	1.155	1.170	1.207	1.179	1.143	1.151	1.090	1.157	3.15	
6)	Aniline	2.162	2.139	2.178	2.119	2.029	2.057	1.954	2.091	3.88	
7) S	Phenol-d6	1.527	1.505	1.541	1.500	1.447	1.475	1.386	1.483	3.58	
8)	2-Chlorophenol	1.167	1.215	1.272	1.259	1.240	1.271	1.227	1.236	3.01	
9)	Benzaldehyde		1.109	1.106	1.011	0.875	0.800		0.980	14.15	
10) C	Phenol	1.823	1.791	1.843	1.783	1.721	1.734	1.604	1.757	4.56	
11)	bis(2-Chloroet...	1.357	1.304	1.333	1.306	1.252	1.279	1.235	1.295	3.34	
12)	1,3-Dichlorobe...	1.551	1.479	1.482	1.432	1.364	1.386	1.285	1.425	6.21	
13) C	1,4-Dichlorobe...	1.576	1.510	1.485	1.414	1.370	1.366	1.294	1.431	6.82	
14)	1,2-Dichlorobe...	1.486	1.416	1.407	1.347	1.295	1.309	1.247	1.358	6.09	
15)	Benzyl Alcohol		0.980	1.069	1.088	1.066	1.097	1.079	1.063	3.98	
16)	2,2'-oxybis(1-...	2.521	2.408	2.435	2.317	2.214	2.224	2.065	2.312	6.76	
17)	2-Methylphenol	1.017	1.038	1.077	1.064	1.036	1.059	1.012	1.043	2.35	
18)	Hexachloroethane	0.425	0.433	0.460	0.462	0.449	0.466	0.444	0.449	3.42	
19) P	n-Nitroso-di-n...	0.956	0.992	0.942	0.957	0.910	0.863	0.875	0.837	0.916	5.89
20)	3+4-Methylphenols		1.331	1.373	1.288	1.227	1.227	1.125	1.262	7.00	
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone	0.500	0.478	0.475	0.429	0.404	0.417	0.381	0.441	9.98	
23) S	Nitrobenzene-d5	0.277	0.304	0.339	0.336	0.328	0.341	0.324	0.321	7.17	
24)	Nitrobenzene	0.322	0.329	0.366	0.359	0.352	0.367	0.347	0.349	5.02	
25)	Isophorone	0.692	0.662	0.683	0.645	0.627	0.651	0.630	0.656	3.79	
26) C	2-Nitrophenol	0.069	0.085	0.109	0.126	0.134	0.151	0.150	0.118	26.89	
27)	2,4-Dimethylph...	0.259	0.261	0.288	0.279	0.275	0.285	0.267	0.274	4.15	
28)	bis(2-Chloroet...	0.424	0.410	0.425	0.396	0.383	0.396	0.369	0.400	5.19	
29) C	2,4-Dichloroph...	0.243	0.256	0.286	0.275	0.270	0.279	0.262	0.267	5.54	
30)	1,2,4-Trichlor...	0.299	0.290	0.299	0.277	0.269	0.278	0.260	0.282	5.30	
31)	Naphthalene	1.083	1.023	1.029	0.944	0.901	0.917	0.839	0.962	8.88	
32)	Benzoic acid		0.069	0.085	0.108	0.120	0.136	0.142	0.110	25.83	
33)	4-Chloroaniline	0.362	0.350	0.367	0.345	0.334	0.345	0.326	0.347	4.13	
34) C	Hexachlorobuta...	0.185	0.181	0.187	0.175	0.166	0.171	0.161	0.175	5.49	
35)	Caprolactam		0.061	0.073	0.079	0.078	0.081	0.079	0.075	9.95	
36) C	4-Chloro-3-met...	0.270	0.274	0.296	0.286	0.279	0.286	0.270	0.280	3.54	
37)	2-Methylnaphth...	0.720	0.673	0.681	0.622	0.591	0.593	0.548	0.633	9.63	
38)	1-Methylnaphth...	0.690	0.654	0.653	0.595	0.568	0.574	0.531	0.609	9.38	

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF081225.M

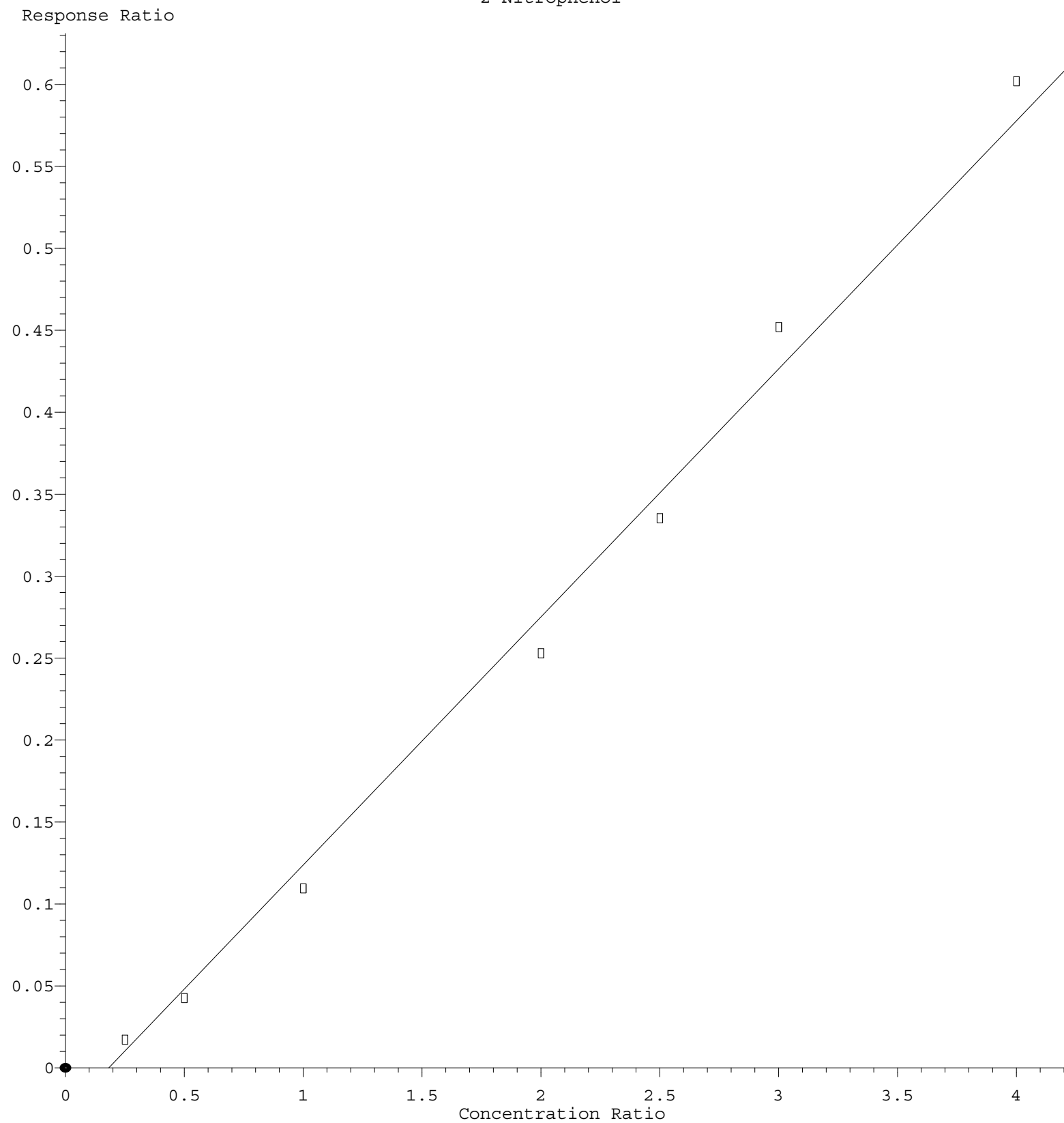
39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.588	0.566	0.575	0.542	0.524	0.537	0.499	0.547	5.66	
41) P	Hexachlorocycl...	0.088	0.130	0.167	0.172	0.192	0.201	0.158	26.72		
42) S	2,4,6-Tribromo...	0.105	0.127	0.149	0.160	0.160	0.164	0.159	0.146	15.13	
43) C	2,4,6-Trichlor...	0.242	0.272	0.316	0.334	0.328	0.343	0.338	0.311	12.43	
44)	2,4,5-Trichlor...	0.307	0.308	0.366	0.377	0.364	0.370	0.361	0.351	8.48	
45) S	2-Fluorobiphenyl	1.444	1.332	1.285	1.132	1.060	1.052	0.951	1.179	15.06	
46)	1,1'-Biphenyl	1.613	1.506	1.516	1.389	1.317	1.335	1.223	1.414	9.63	
47)	2-Chloronaphth...	1.216	1.176	1.180	1.095	1.046	1.081	1.003	1.114	7.06	
48)	2-Nitroaniline	0.188	0.223	0.279	0.309	0.321	0.336	0.330	0.284	20.23	
49)	Acenaphthylene	1.759	1.682	1.719	1.588	1.525	1.541	1.444	1.608	7.13	
50)	Dimethylphthalate	1.160	1.178	1.244	1.180	1.144	1.171	1.103	1.169	3.66	
51)	2,6-Dinitrotol...	0.125	0.147	0.188	0.213	0.219	0.234	0.228	0.193	21.87	
52) C	Acenaphthene	1.208	1.127	1.121	1.054	1.012	1.017	0.945	1.069	8.28	
53)	3-Nitroaniline	0.159	0.193	0.250	0.261	0.265	0.281	0.266	0.239	18.92	
54) P	2,4-Dinitrophenol	0.030	0.046	0.066	0.073	0.086	0.092	0.065	36.52		
55)	Dibenzofuran	1.757	1.641	1.634	1.511	1.438	1.446	1.346	1.539	9.33	
56) P	4-Nitrophenol	0.096	0.147	0.173	0.180	0.194	0.190	0.163	22.52		
57)	2,4-Dinitrotol...	0.154	0.191	0.257	0.289	0.296	0.308	0.297	0.256	23.42	
58)	Fluorene	1.381	1.288	1.251	1.142	1.091	1.089	0.986	1.175	11.65	
59)	2,3,4,6-Tetrac...	0.172	0.188	0.236	0.255	0.258	0.276	0.270	0.236	17.33	
60)	Diethylphthalate	1.011	1.061	1.132	1.081	1.037	1.031	0.974	1.047	4.84	
61)	4-Chlorophenyl...	0.645	0.601	0.600	0.563	0.533	0.536	0.498	0.568	8.84	
62)	4-Nitroaniline	0.174	0.202	0.253	0.249	0.248	0.253	0.242	0.232	13.40	
63)	Azobenzene	1.302	1.228	1.285	1.193	1.147	1.149	1.065	1.196	6.99	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.036	0.054	0.071	0.077	0.087	0.091	0.069	29.75		
66) c	n-Nitrosodiphe...	0.693	0.670	0.674	0.655	0.639	0.651	0.627	0.659	3.38	
67)	4-Bromophenyl-...	0.232	0.222	0.232	0.231	0.227	0.231	0.226	0.229	1.65	
68)	Hexachlorobenzene	0.258	0.249	0.250	0.244	0.237	0.248	0.240	0.247	2.76	
69)	Atrazine	0.147	0.157	0.187	0.178	0.180	0.182	0.173	0.172	8.45	
70) C	Pentachlorophenol	0.058	0.087	0.108	0.113	0.120	0.122	0.101	24.06		
71)	Phenanthrene	1.214	1.159	1.156	1.081	1.022	1.034	0.973	1.091	8.02	
72)	Anthracene	1.225	1.168	1.184	1.088	1.043	1.057	0.980	1.107	7.97	
73)	Carbazole	1.049	1.000	1.017	0.934	0.879	0.893	0.825	0.942	8.71	
74)	Di-n-butylphth...	0.674	0.739	0.889	0.864	0.819	0.817	0.780	0.798	9.24	
75) C	Fluoranthene	1.120	1.054	1.051	0.917	0.873	0.856	0.820	0.956	12.27	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.541	0.653	0.591	0.549	0.511	0.434	0.547	13.50		
78)	Pyrene	1.924	1.963	1.910	1.661	1.513	1.460	1.315	1.678	15.44	
79) S	Terphenyl-d14	1.337	1.346	1.297	1.089	0.976	0.957	0.841	1.120	18.44	
80)	Butylbenzylpht...	0.179	0.208	0.272	0.303	0.320	0.346	0.359	0.284	24.15	
81)	Benzo(a)anthra...	1.335	1.224	1.339	1.258	1.229	1.309	1.205	1.271	4.37	
82)	3,3'-Dichlorob...	0.255	0.327	0.364	0.374	0.382	0.358	0.343	13.77		
83)	Chrysene	1.270	1.249	1.199	1.175	1.163	1.143	1.098	1.185	5.06	
84)	Bis(2-ethylhex...	0.228	0.277	0.348	0.441	0.478	0.520	0.531	0.403	29.82	
85) c	Di-n-octyl pht...	0.545	0.692	0.888	0.945	1.045	1.047	0.860	23.52		

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF081225.M

86) I	Perylene-d12	-----ISTD-----									
87)	Indeno(1,2,3-c...	1.401	1.455	1.479	1.449	1.392	1.443	1.411	1.433	2.24	
88)	Benzo(b)fluora...	1.172	1.027	1.092	1.118	1.046	1.147	1.054	1.094	4.98	
89)	Benzo(k)fluora...	1.064	1.080	1.158	1.036	1.053	1.022	1.027	1.063	4.41	
90) C	Benzo(a)pyrene	1.049	1.011	1.060	1.033	1.012	1.039	1.008	1.030	1.99	
91)	Dibenzo(a,h)an...	1.129	1.162	1.184	1.170	1.119	1.155	1.094	1.145	2.77	
92)	Benzo(g,h,i)pe...	1.108	1.192	1.188	1.169	1.124	1.168	1.123	1.153	2.94	

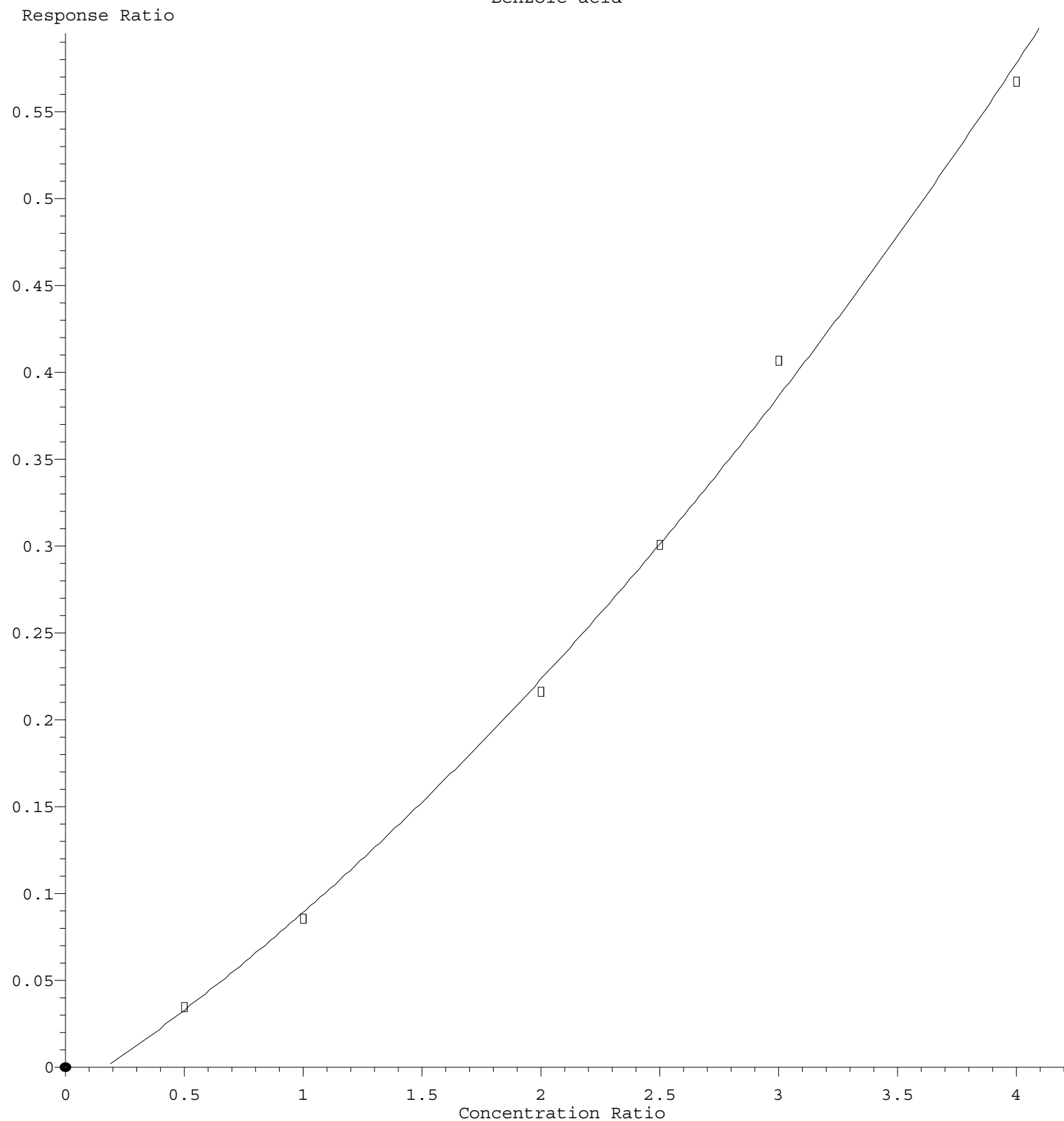
(#) = Out of Range

2-Nitrophenol



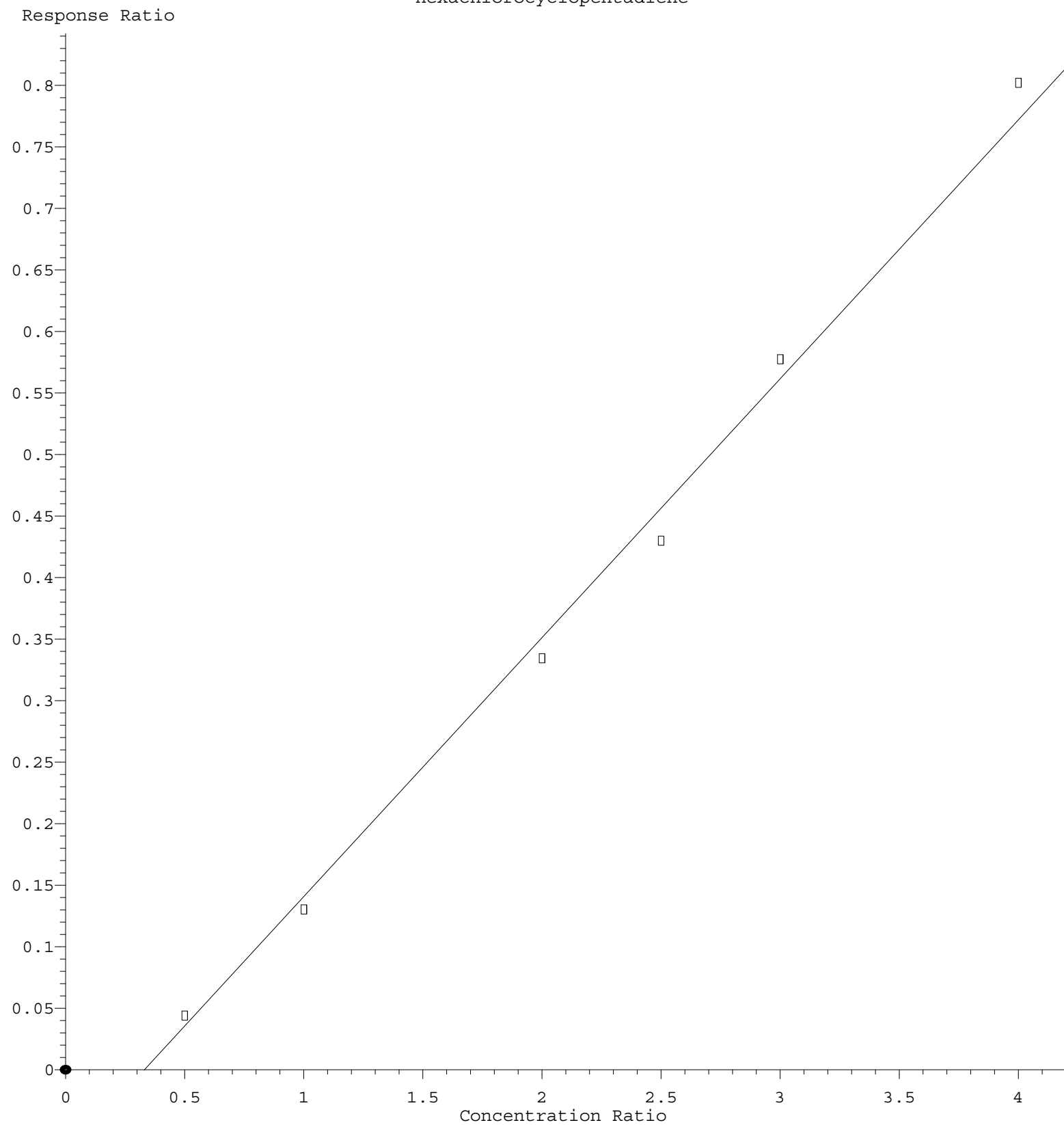
Response = $1.513 \times 10^{-1} \times \text{Amt} - 2.755 \times 10^{-2}$
 Coef of Det (r^2) = 0.993246 Curve Fit: wlr(1/a)
 Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF081225.M
 Calibration Table Last Updated: Tue Aug 12 13:25:39 2025

Benzoic acid



$R = 1.441e-002 A^2 + 9.089e-002 A - 1.614e-002$
 Coef of Det (r^2) = 0.998015 Curve Fit: Quadratic w(1/a)
 Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF081225.M
 Calibration Table Last Updated: Tue Aug 12 13:25:39 2025

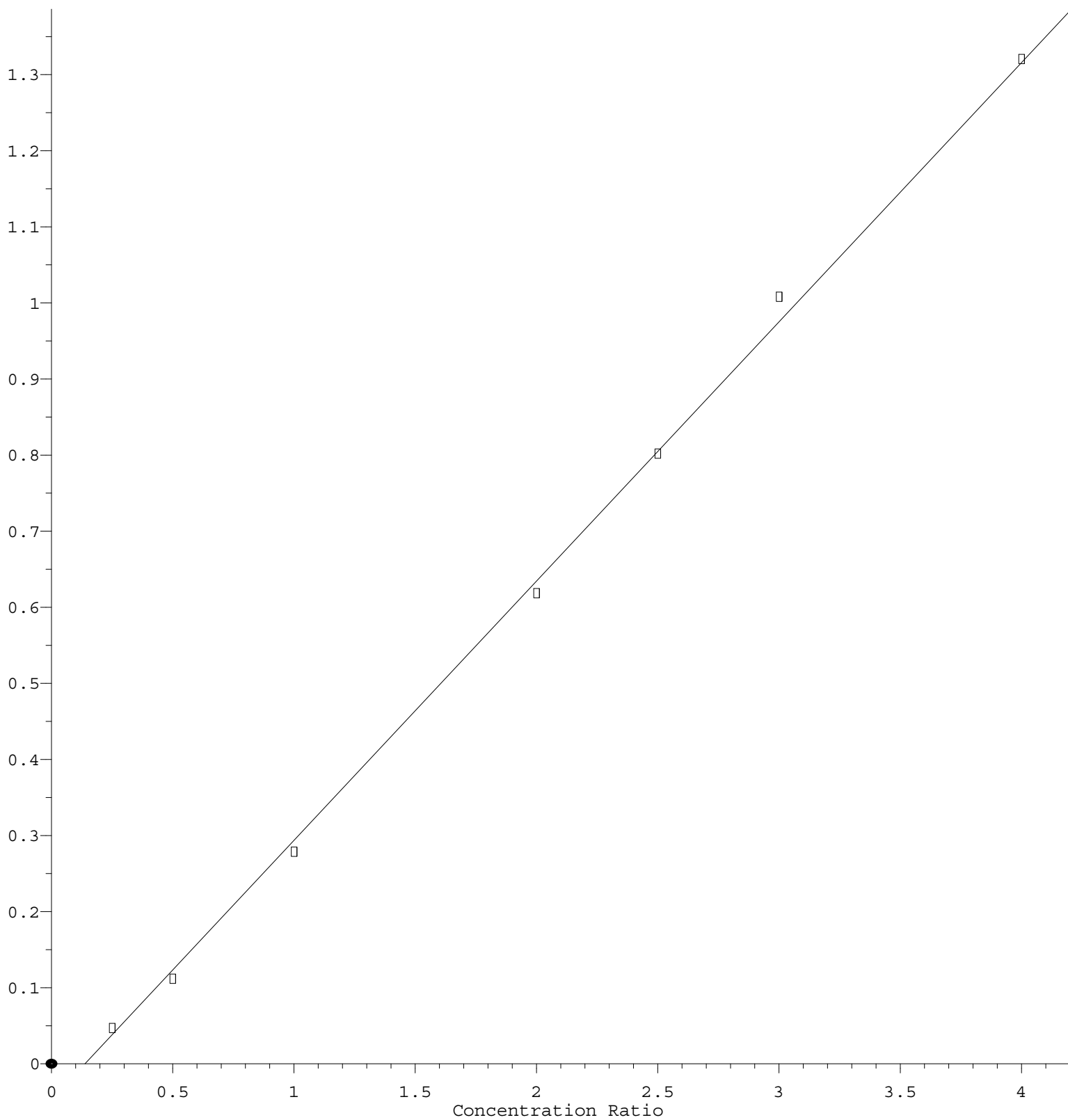
Hexachlorocyclopentadiene



Response = $2.105 \times 10^{-1} \times \text{Amt} - 6.972 \times 10^{-2}$
Coef of Det (r^2) = 0.995567 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF081225.M
Calibration Table Last Updated: Tue Aug 12 13:25:39 2025

2-Nitroaniline

Response Ratio



$$\text{Response} = 3.408\text{e-}001 * \text{Amt} - 4.713\text{e-}002$$

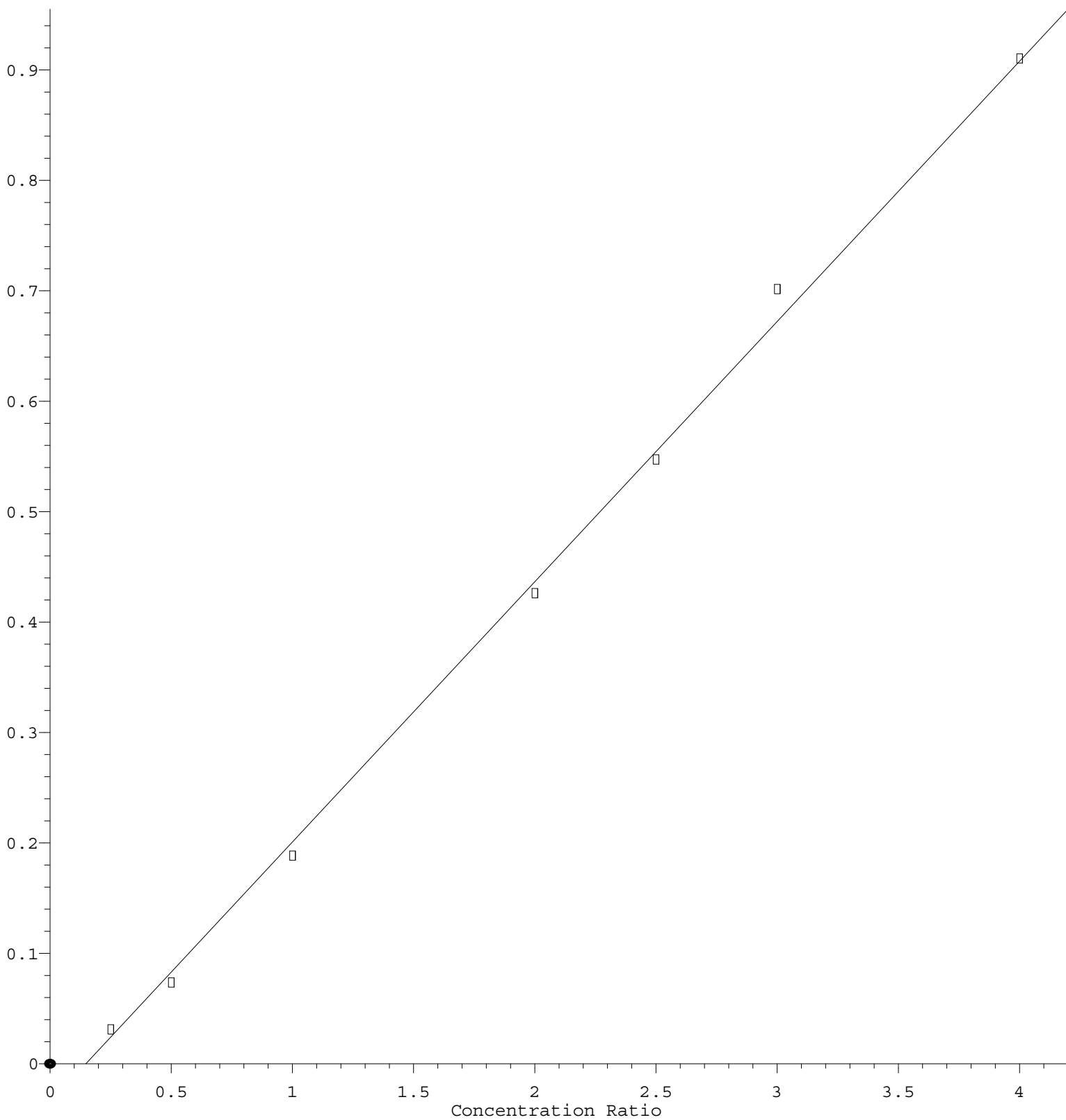
Coef of Det (r^2) = 0.998503 Curve Fit: wlr(1/a)

Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF081225.M

Calibration Table Last Updated: Tue Aug 12 13:25:39 2025

2,6-Dinitrotoluene

Response Ratio



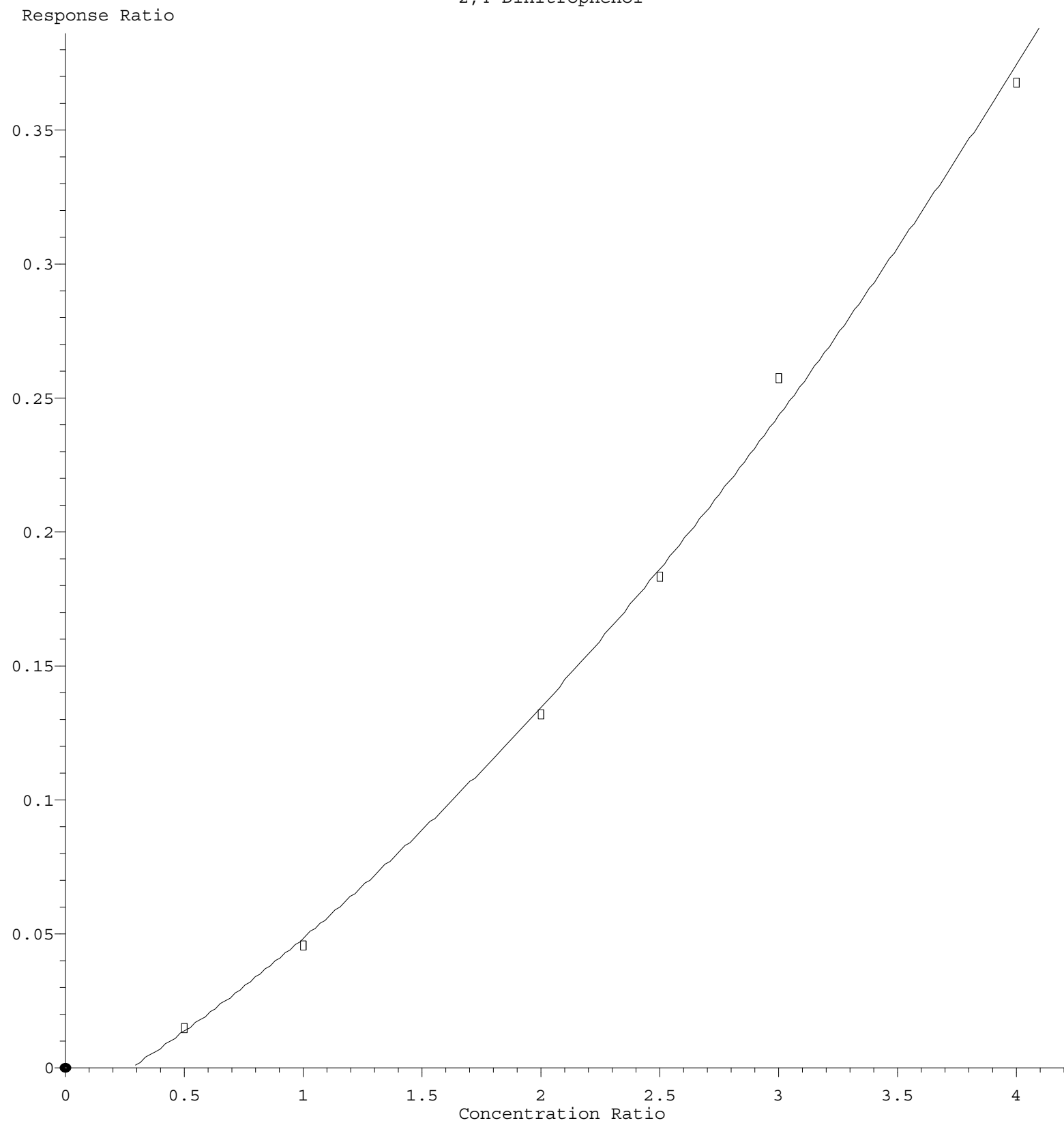
$$\text{Response} = 2.357\text{e-}001 * \text{Amt} - 3.491\text{e-}002$$

Coef of Det (r^2) = 0.997850 Curve Fit: wlr(1/a)

Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF081225.M

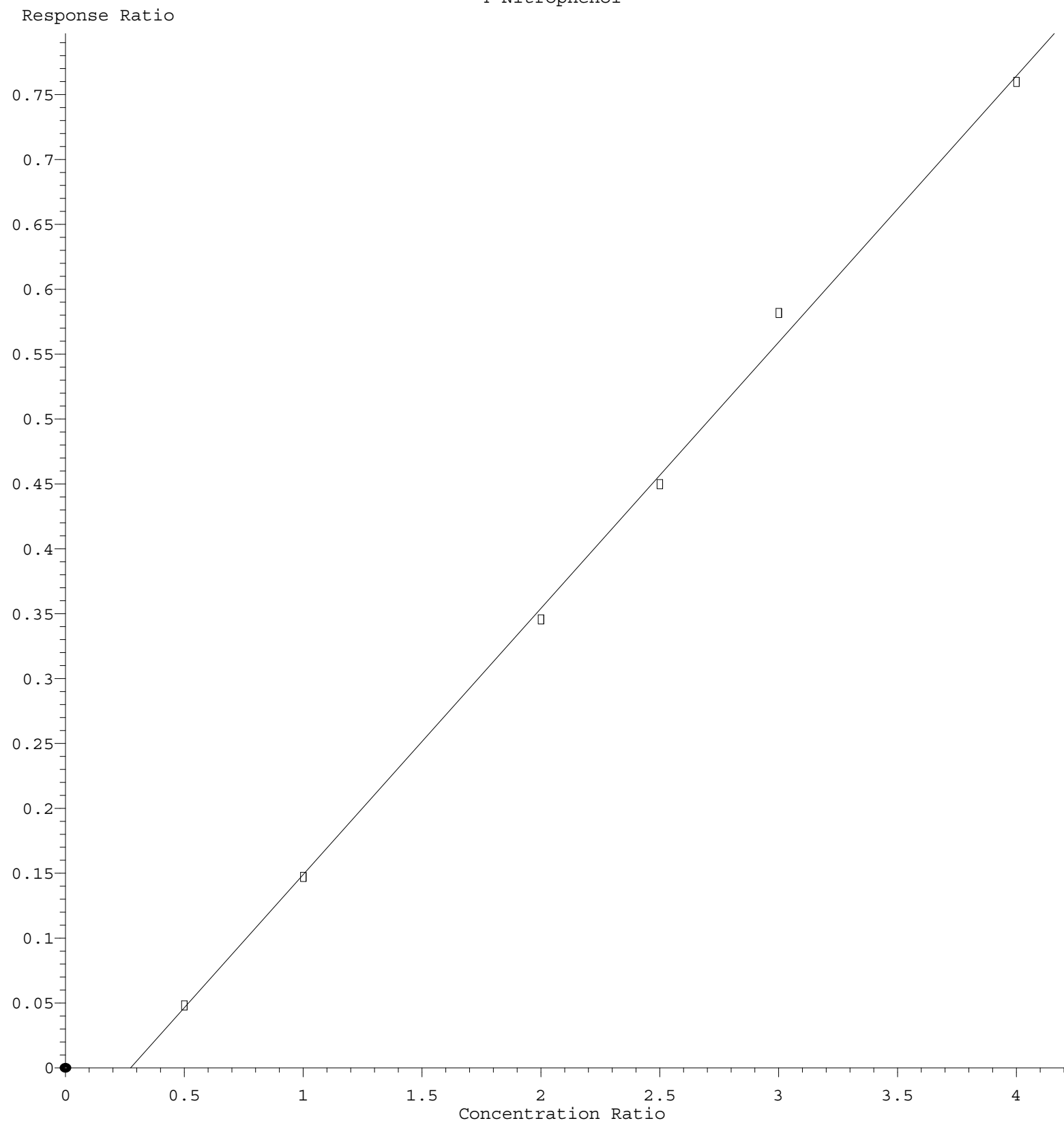
Calibration Table Last Updated: Tue Aug 12 13:25:39 2025

2,4-Dinitrophenol



$R = 1.122e-002 A^2 + 5.261e-002 A - 1.543e-002$
 Coef of Det (r^2) = 0.997954 Curve Fit: Quadratic w(1/a)
 Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF081225.M
 Calibration Table Last Updated: Tue Aug 12 13:25:39 2025

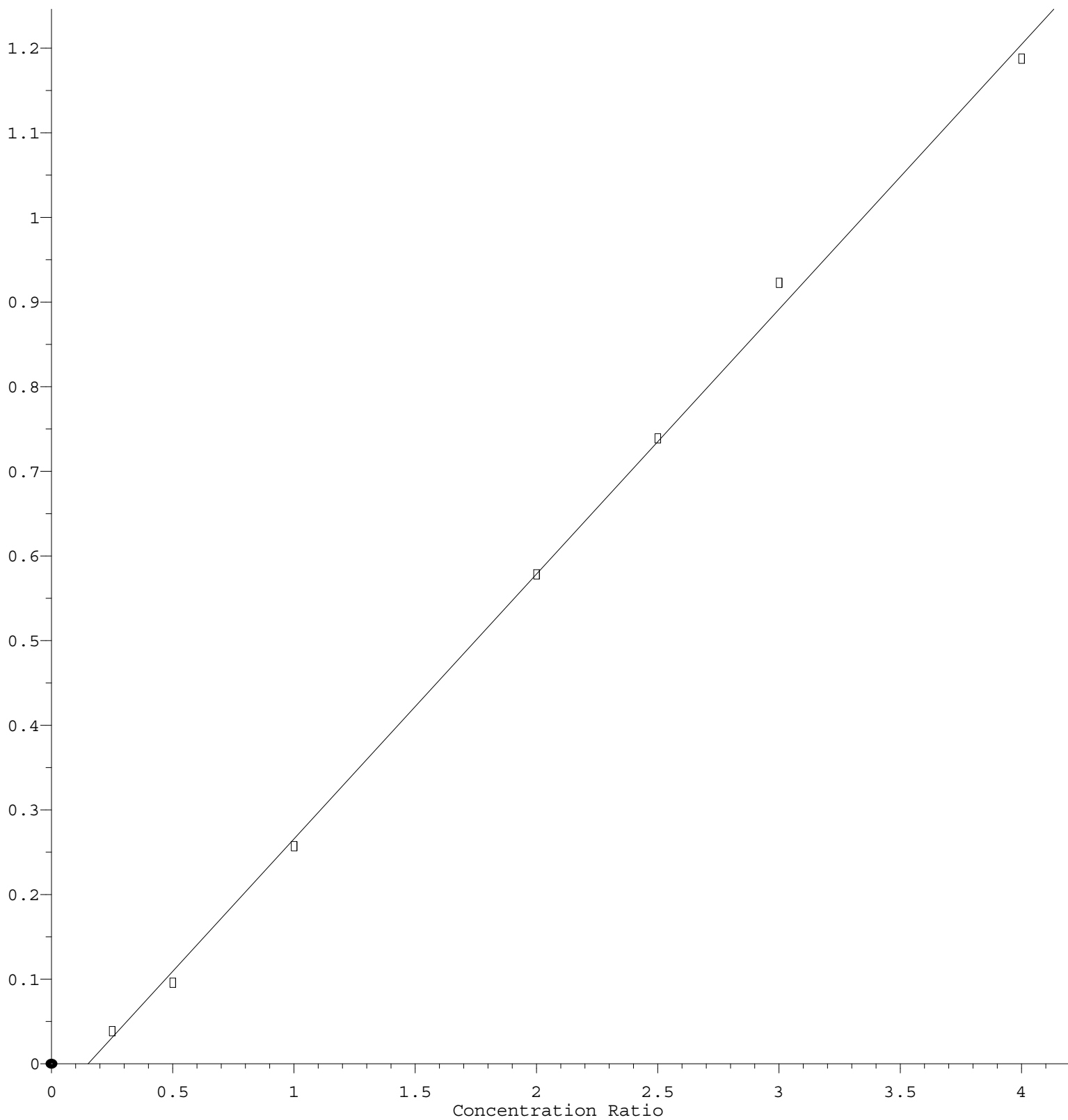
4-Nitrophenol



$\text{Response} = 2.053\text{e-}001 * \text{Amt} - 5.623\text{e-}002$
 Coef of Det (r^2) = 0.998868 Curve Fit: wlr(1/a)
 Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF081225.M
 Calibration Table Last Updated: Tue Aug 12 13:25:39 2025

2,4-Dinitrotoluene

Response Ratio



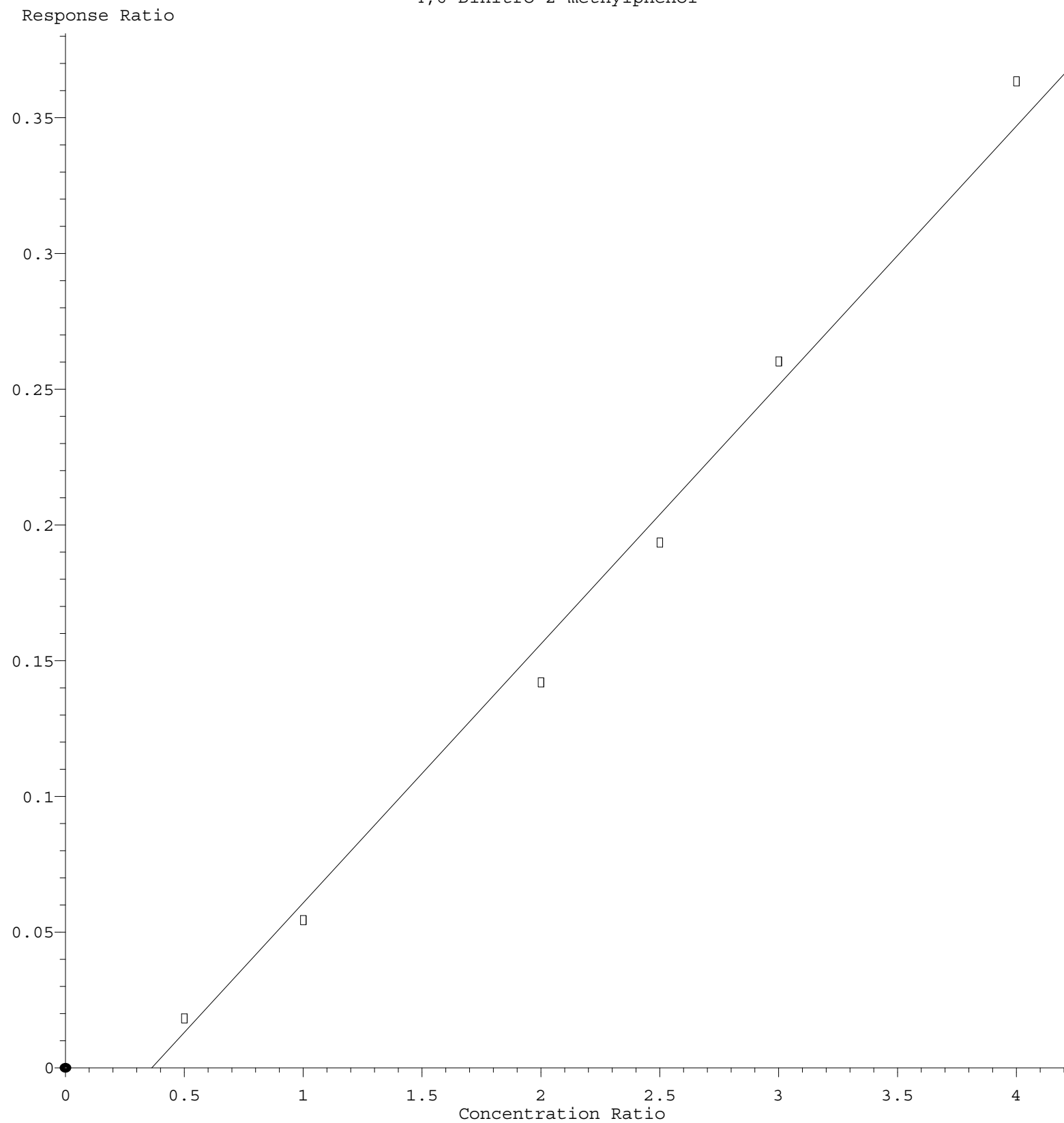
$$\text{Response} = 3.131\text{e-}001 * \text{Amt} - 4.718\text{e-}002$$

Coef of Det (r^2) = 0.998548 Curve Fit: wlr(1/a)

Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF081225.M

Calibration Table Last Updated: Tue Aug 12 13:25:39 2025

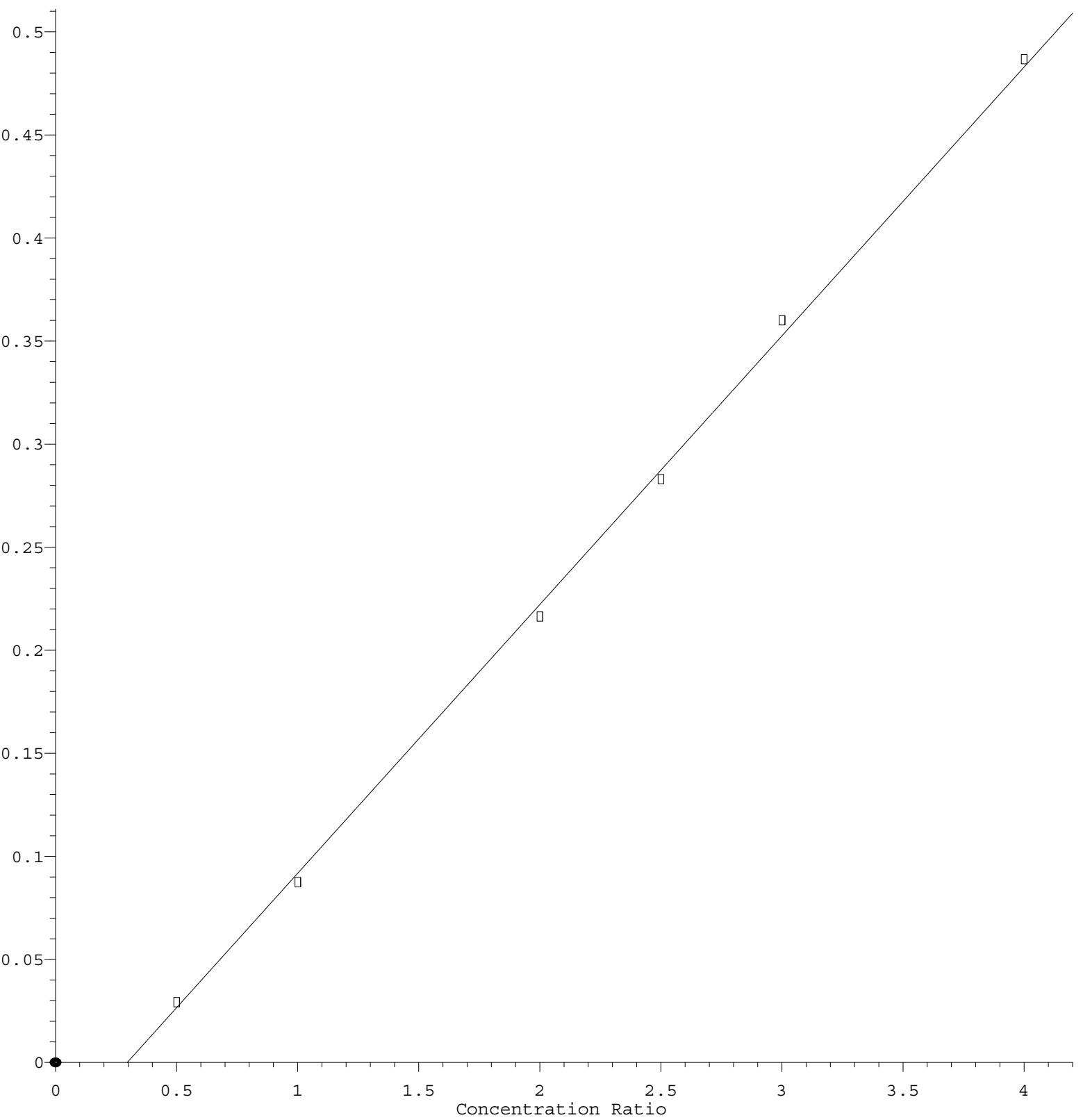
4,6-Dinitro-2-methylphenol



Response = $9.534 \times 10^{-2} \times \text{Amt} - 3.461 \times 10^{-2}$
 Coef of Det (r^2) = 0.992769 Curve Fit: wlr(1/a)
 Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF081225.M
 Calibration Table Last Updated: Tue Aug 12 13:25:39 2025

Pentachlorophenol

Response Ratio



$$\text{Response} = 1.303\text{e-}001 * \text{Amt} - 3.859\text{e-}002$$

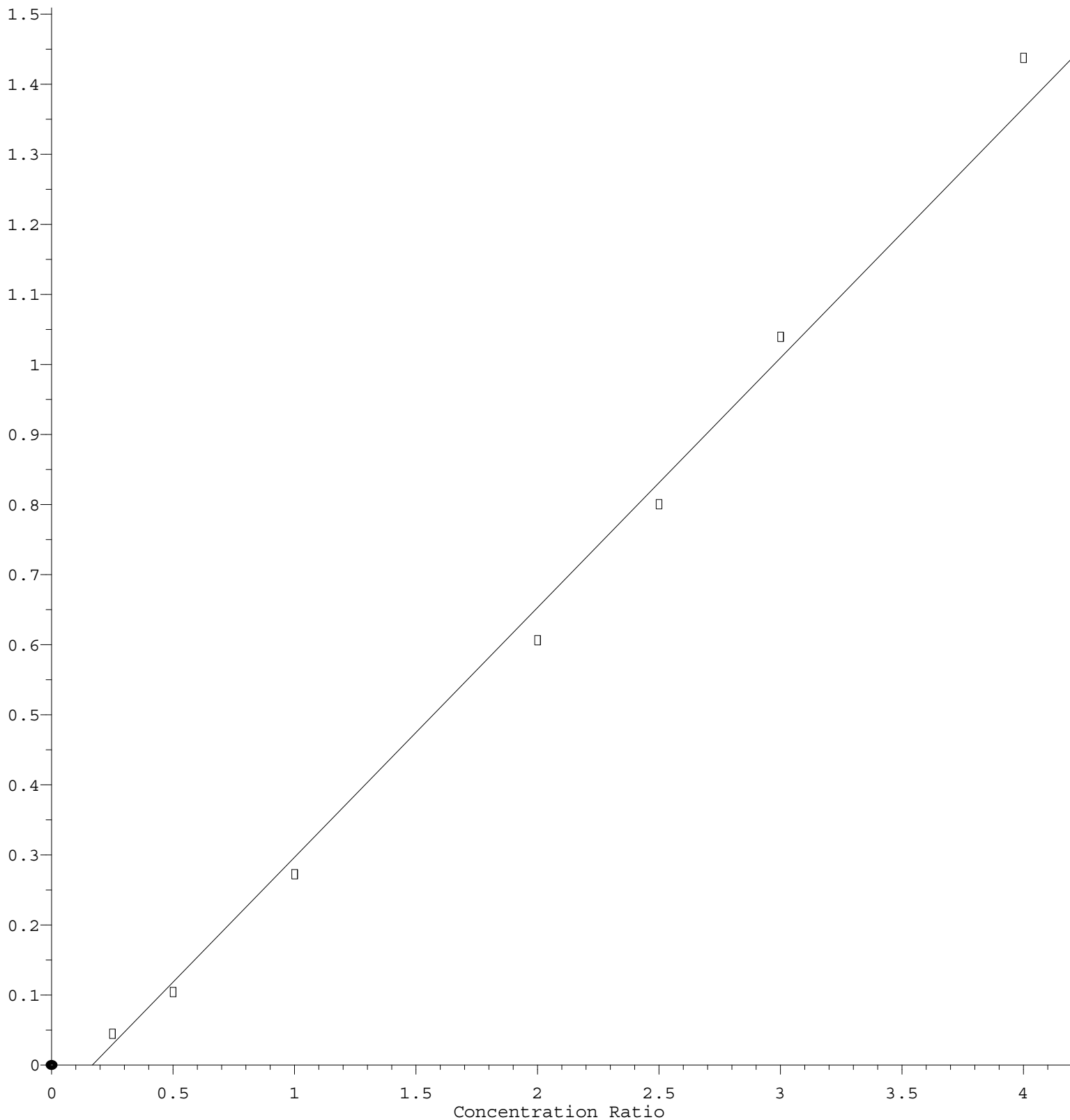
Coef of Det (r^2) = 0.999061 Curve Fit: wlr(1/a)

Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF081225.M

Calibration Table Last Updated: Tue Aug 12 13:25:39 2025

Butylbenzylphthalate

Response Ratio



$$\text{Response} = 3.564\text{e-}001 * \text{Amt} - 5.972\text{e-}002$$

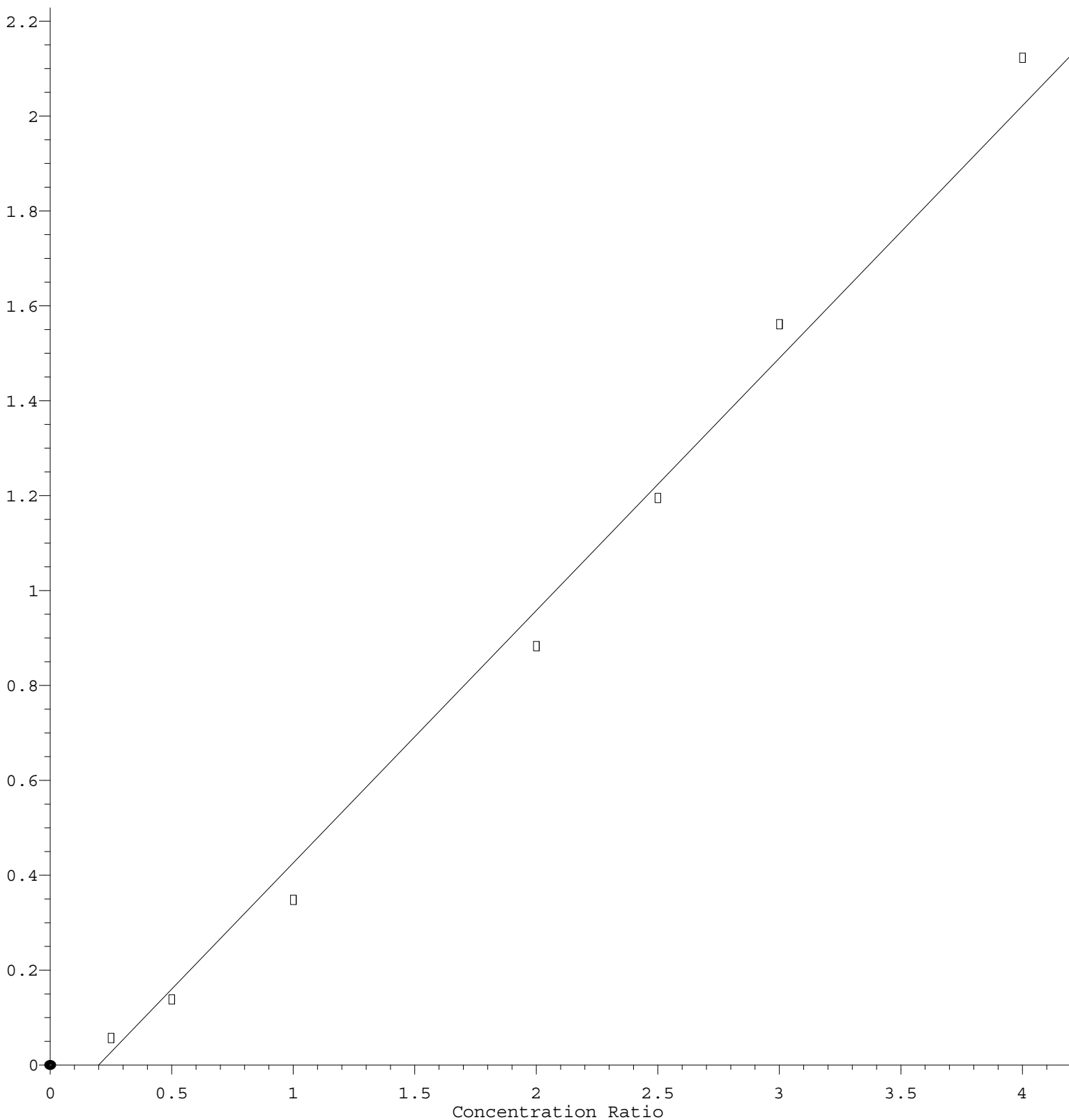
Coef of Det (r^2) = 0.994780 Curve Fit: wlr(1/a)

Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF081225.M

Calibration Table Last Updated: Tue Aug 12 13:25:39 2025

Bis(2-ethylhexyl)phthalate

Response Ratio



$$\text{Response} = 5.319\text{e-}001 * \text{Amt} - 1.061\text{e-}001$$

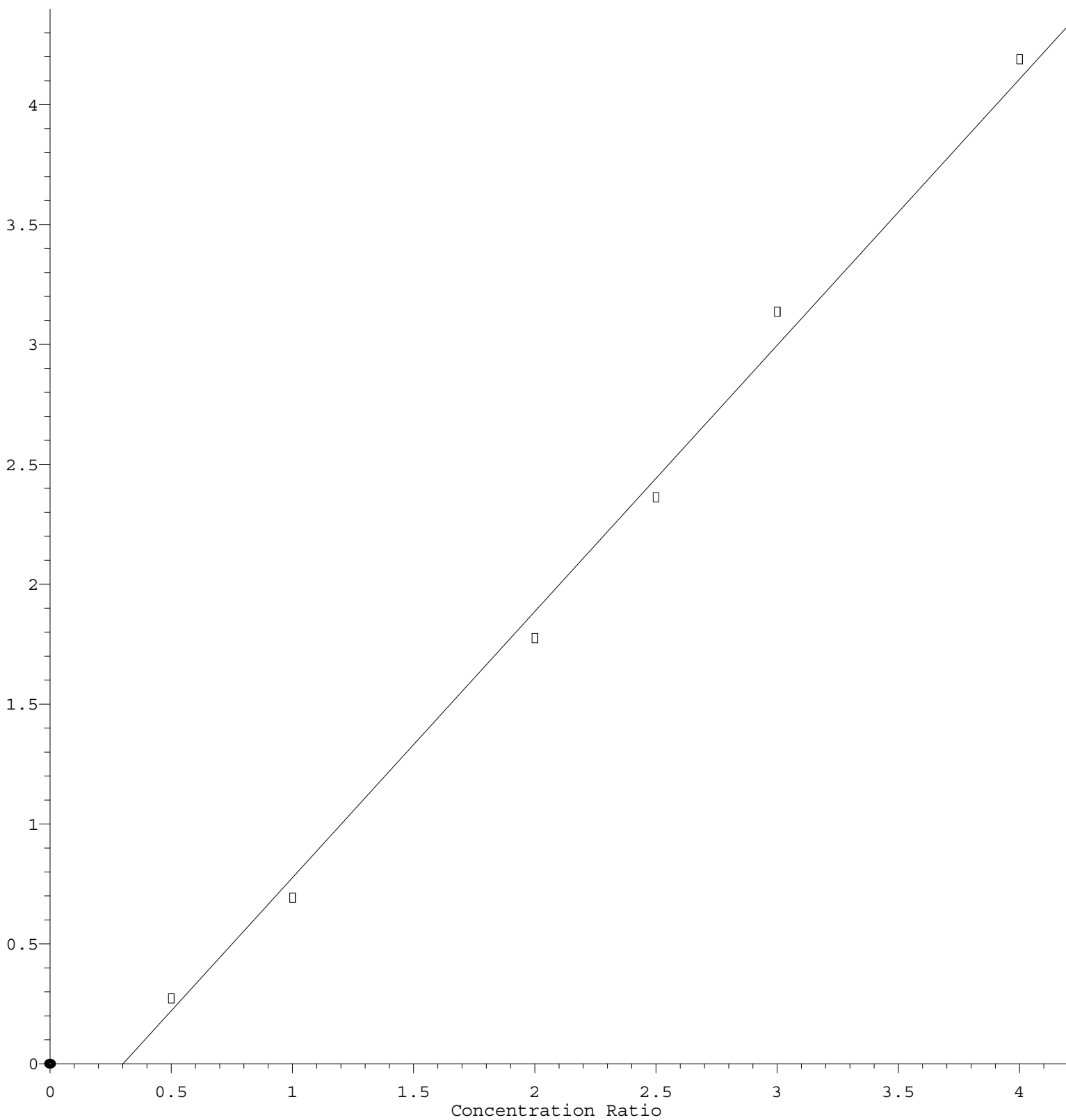
Coef of Det (r^2) = 0.991563 Curve Fit: wlr(1/a)

Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF081225.M

Calibration Table Last Updated: Tue Aug 12 13:25:39 2025

Di-n-octyl phthalate

Response Ratio



$$\text{Response} = 1.110\text{e}+000 * \text{Amt} - 3.345\text{e}-001$$

Coef of Det (r^2) = 0.995260 Curve Fit: wlr(1/a)

Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF081225.M

Calibration Table Last Updated: Tue Aug 12 13:25:39 2025

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143343.D
Acq On : 12 Aug 2025 09:03
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Aug 12 13:15:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:02:27 2025
Response via : Initial Calibration

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

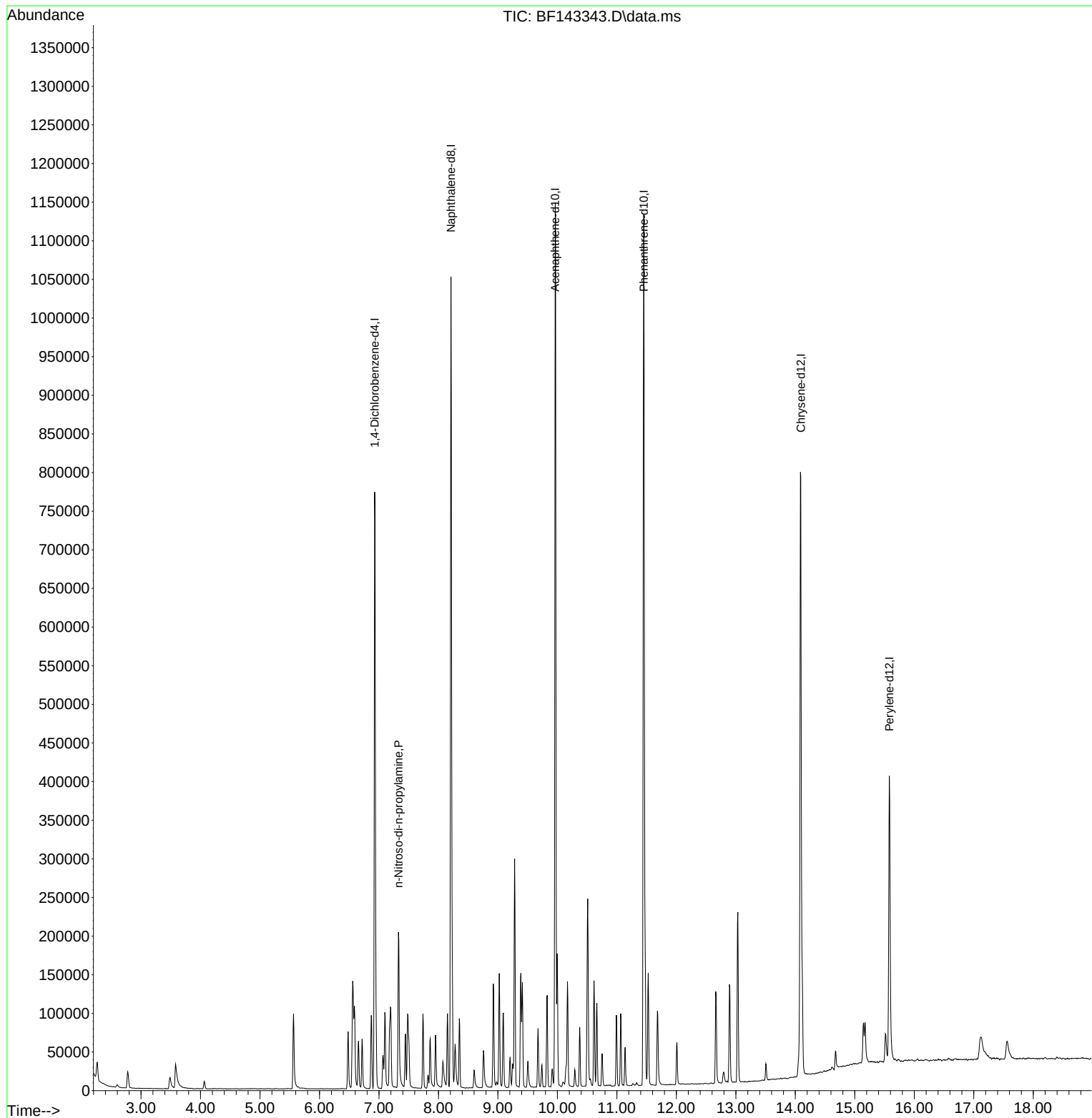
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	162273	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	638032	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	346209	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	555179	20.000	ng	0.00
76) Chrysene-d12	14.092	240	375834	20.000	ng	0.00
86) Perylene-d12	15.580	264	241869	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...	7.328	70	19396	2.609	ng	94

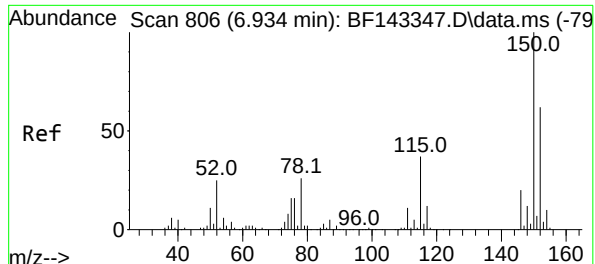
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143343.D
Acq On : 12 Aug 2025 09:03
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

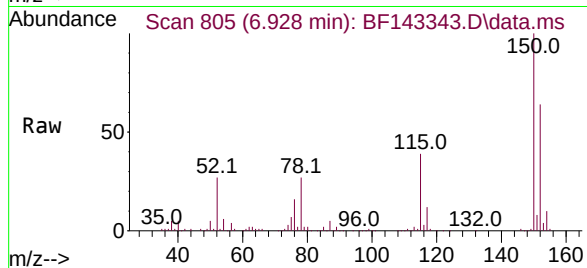
Quant Time: Aug 12 13:15:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:02:27 2025
Response via : Initial Calibration



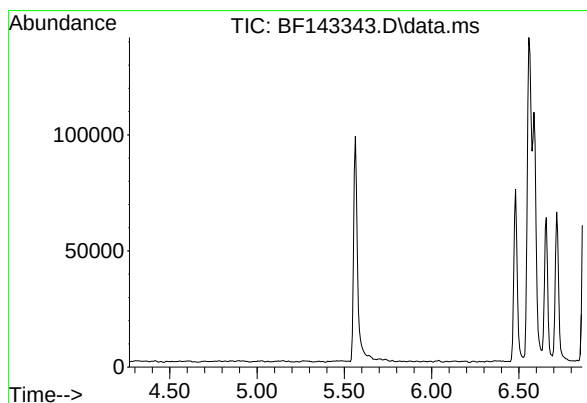
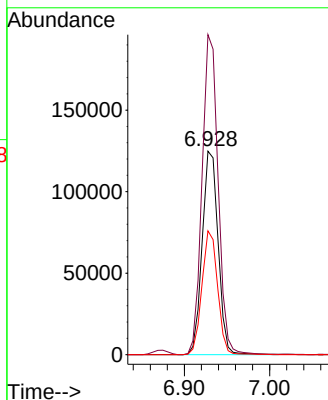
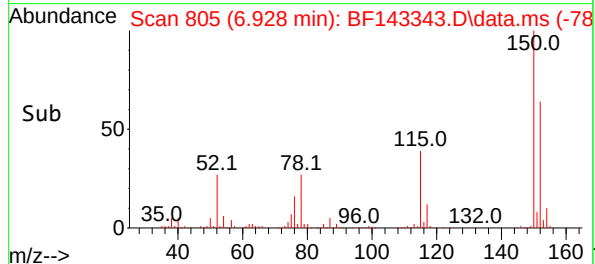


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF143343.D
Acq: 12 Aug 2025 09:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5



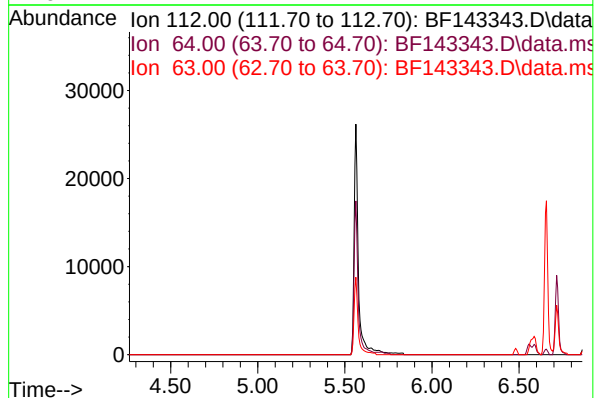
Tgt Ion:152 Resp: 162273
Ion Ratio Lower Upper
152 100
150 157.2 129.8 194.8
115 60.9 47.8 71.8

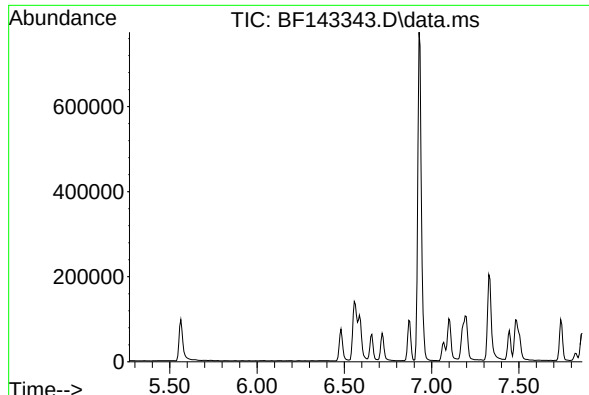


#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.56 min

Lab File: BF143343.D
Acq: 12 Aug 2025 09:03

Tgt Ion: 112
Sig Exp Ratio
112 100
64 65.1
63 33.2





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.56 min

Lab File: BF143343.D

Acq: 12 Aug 2025 09:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

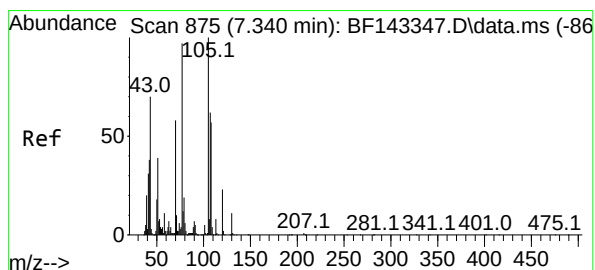
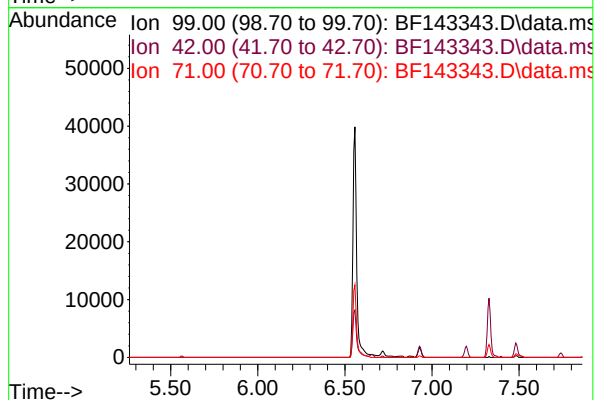
Tgt Ion: 99

Sig Exp Ratio

99 100

42 20.8

71 32.7



#19

n-Nitroso-di-n-propylamine

Concen: 2.609 ng

RT: 7.328 min Scan# 873

Delta R.T. -0.012 min

Lab File: BF143343.D

Acq: 12 Aug 2025 09:03

Tgt Ion: 70 Resp: 19396

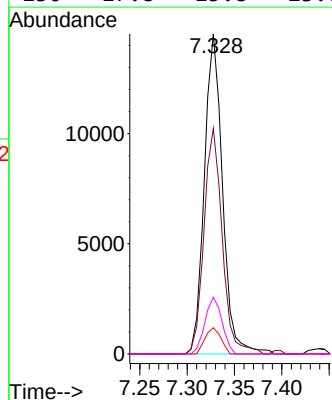
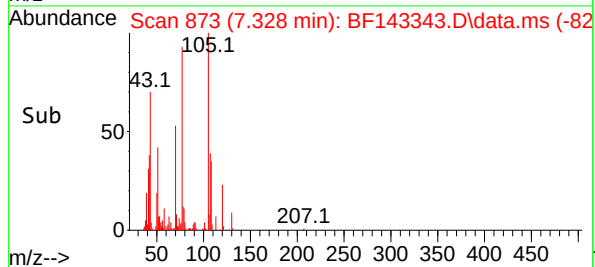
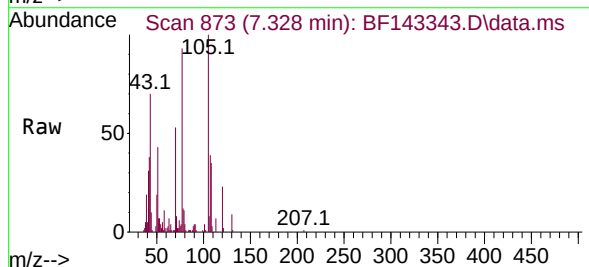
Ion Ratio Lower Upper

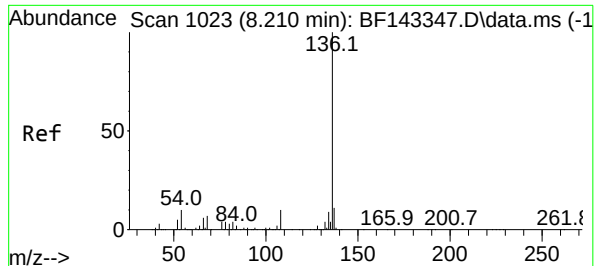
70 100

42 70.5 51.6 77.4

101 8.2 7.5 11.3

130 17.8 15.8 23.6

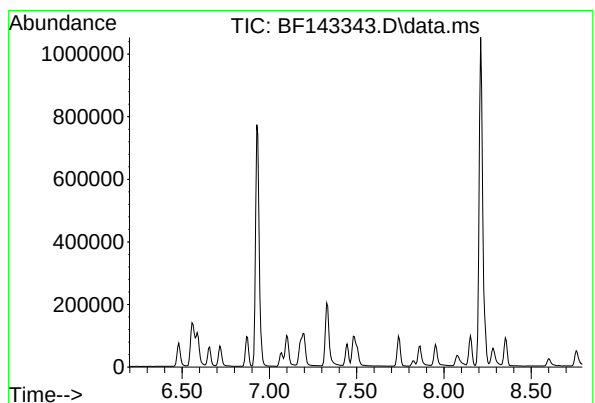
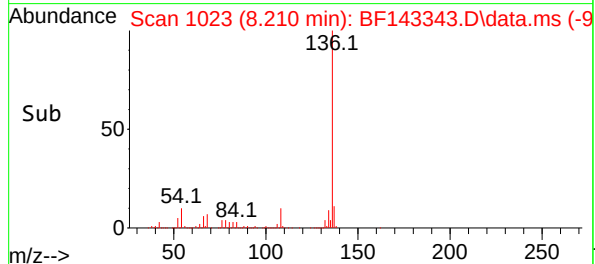
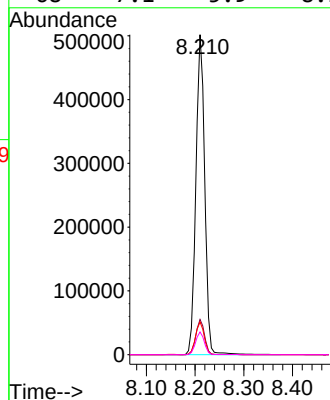
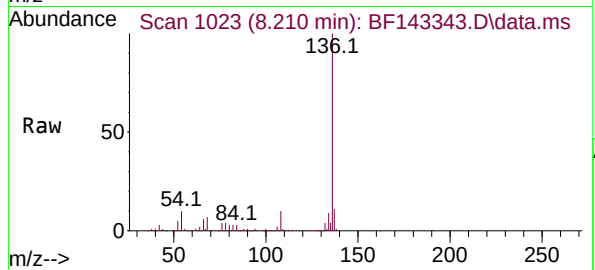




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF143343.D
Acq: 12 Aug 2025 09:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

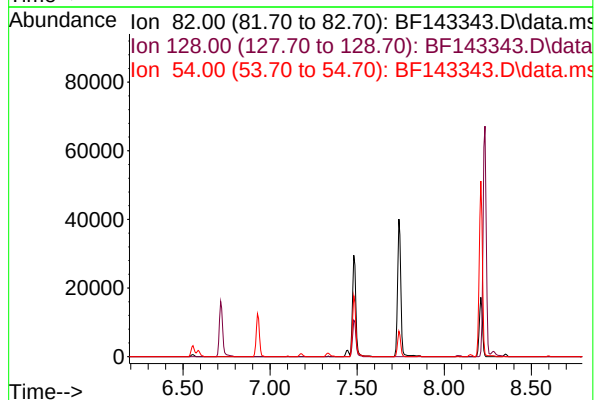
Tgt Ion:136 Resp: 638032
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 10.2 8.4 12.6
68 7.1 5.9 8.9

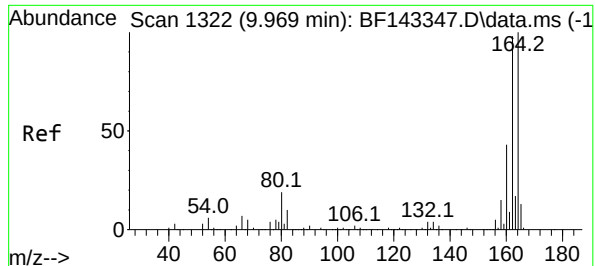


#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 7.49 min

Lab File: BF143343.D
Acq: 12 Aug 2025 09:03

Tgt Ion: 82
Sig Exp Ratio
82 100
128 41.9
54 58.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.963 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143343.D

Acq: 12 Aug 2025 09:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

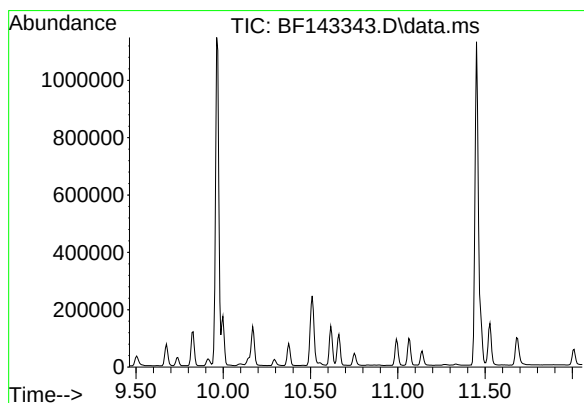
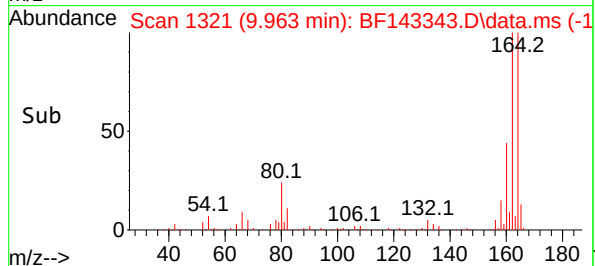
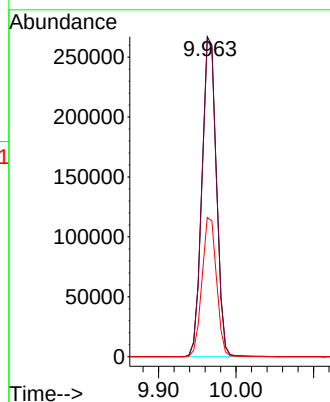
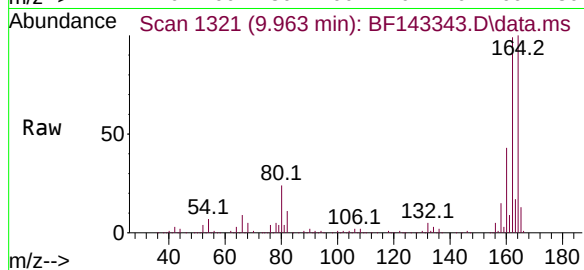
Tgt Ion:164 Resp: 346209

Ion Ratio Lower Upper

164 100

162 99.0 78.6 118.0

160 43.5 34.4 51.6



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.76 min

Lab File: BF143343.D

Acq: 12 Aug 2025 09:03

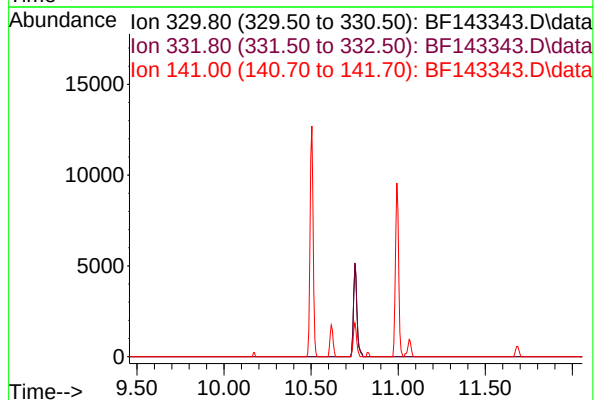
Tgt Ion: 330

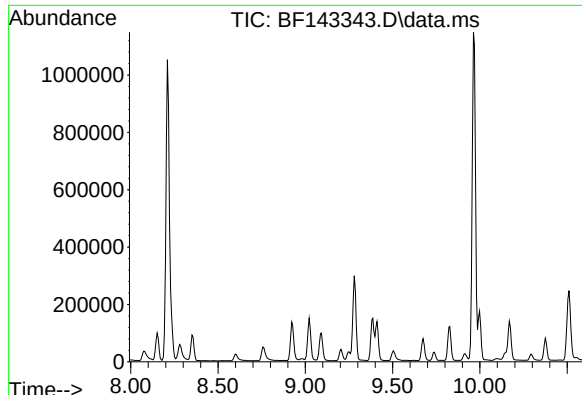
Sig Exp Ratio

330 100

332 97.6

141 31.7





#45

2-Fluorobiphenyl

Concen: 0.000 ng

Expected RT: 9.29 min

Lab File: BF143343.D

Acq: 12 Aug 2025 09:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

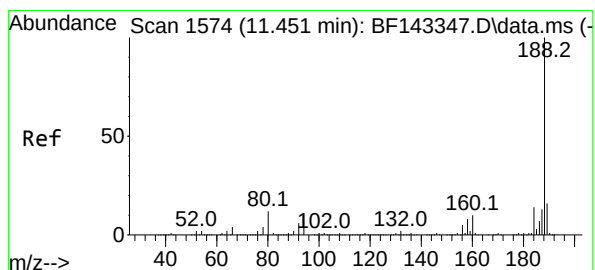
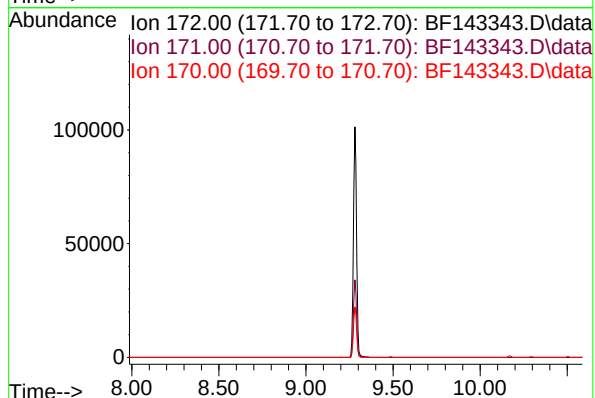
Tgt Ion: 172

Sig Exp Ratio

172 100

171 35.5

170 23.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.451 min Scan# 1574

Delta R.T. -0.000 min

Lab File: BF143343.D

Acq: 12 Aug 2025 09:03

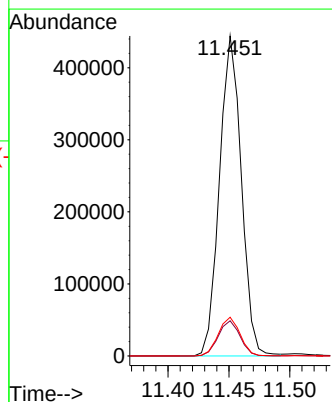
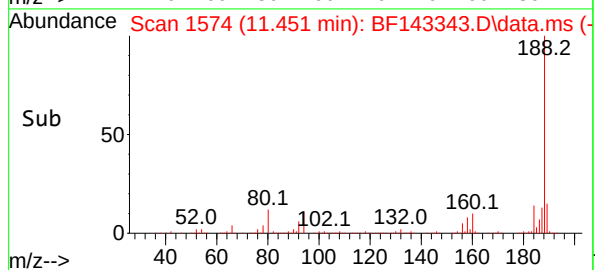
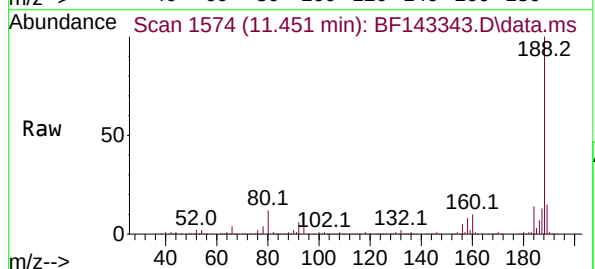
Tgt Ion:188 Resp: 555179

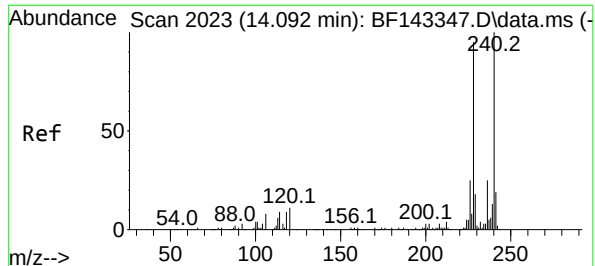
Ion Ratio Lower Upper

188 100

94 11.0 8.8 13.2

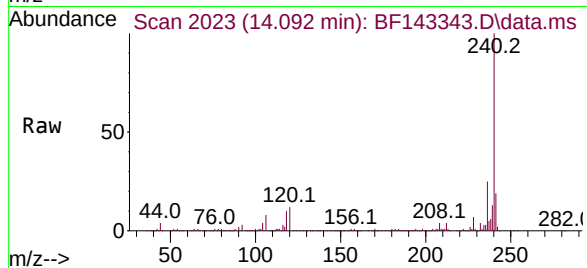
80 12.1 9.7 14.5



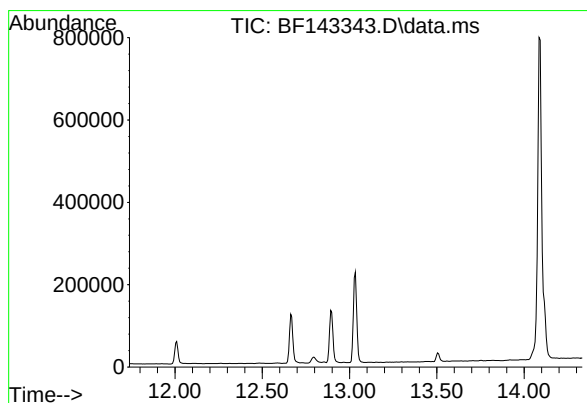
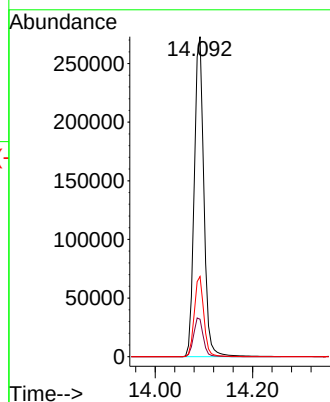
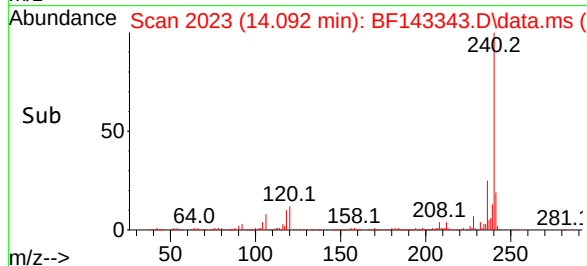


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF143343.D
Acq: 12 Aug 2025 09:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5



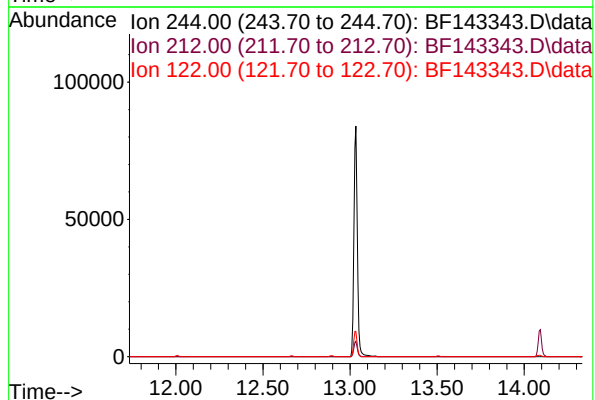
Tgt Ion:240 Resp: 375834
Ion Ratio Lower Upper
240 100
120 11.7 9.0 13.6
236 25.1 19.9 29.9



#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 13.03 min

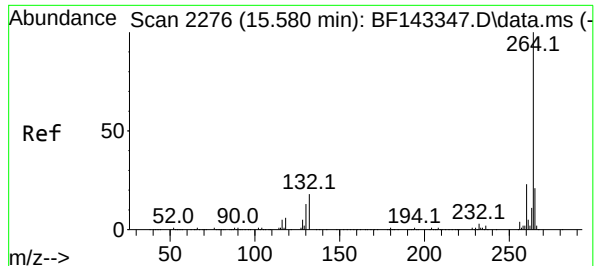
Lab File: BF143343.D
Acq: 12 Aug 2025 09:03

Tgt Ion: 244
Sig Exp Ratio
244 100
212 6.4
122 11.1



Ion 212.00 (211.70 to 212.70): BF143343.D\data.ms

Ion 122.00 (121.70 to 122.70): BF143343.D\data.ms



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.580 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF143343.D

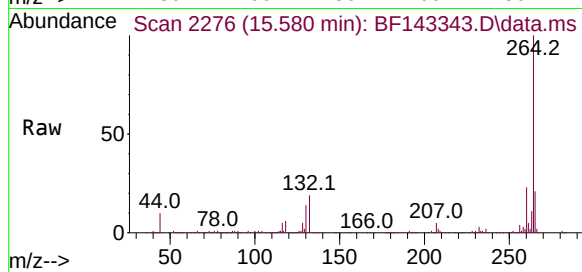
Acq: 12 Aug 2025 09:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



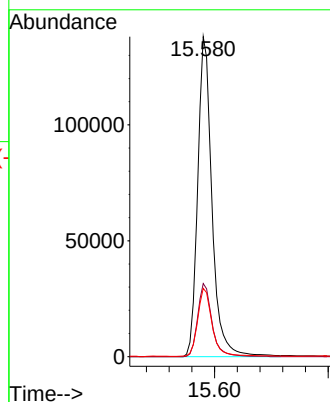
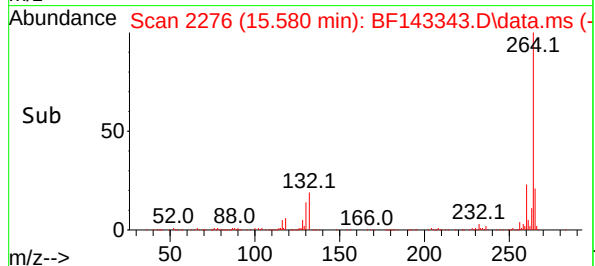
Tgt Ion:264 Resp: 241869

Ion Ratio Lower Upper

264 100

260 22.8 18.7 28.1

265 21.3 17.2 25.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
 Data File : BF143344.D
 Acq On : 12 Aug 2025 09:34
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Quant Time: Aug 12 13:16:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 12 13:02:27 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	162290	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	628268	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	344999	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	557349	20.000	ng	0.00
76) Chrysene-d12	14.086	240	344394	20.000	ng	0.00
86) Perylene-d12	15.580	264	252587	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	93734	9.988	ng	0.00
7) Phenol-d6	6.551	99	123886	10.294	ng	-0.01
23) Nitrobenzene-d5	7.481	82	87105	8.634	ng	-0.01
42) 2,4,6-Tribromophenol	10.751	330	18107	7.182	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	249109	12.244	ng	0.00
79) Terphenyl-d14	13.027	244	230289	11.938	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.775	88	24600	5.066	ng	96
3) Pyridine	3.563	79	59883	4.627	ng	98
6) Aniline	6.587	93	87728	5.171	ng	99
8) 2-Chlorophenol	6.716	128	47366	4.723	ng	97
10) Phenol	6.569	94	73959	5.187	ng	95
11) bis(2-Chloroethyl)ether	6.657	93	55039	5.238	ng	98
12) 1,3-Dichlorobenzene	6.869	146	62932	5.441	ng	98
13) 1,4-Dichlorobenzene	6.945	146	63946	5.508	ng	98
14) 1,2-Dichlorobenzene	7.098	146	60298	5.472	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	102291	5.453	ng	97
17) 2-Methylphenol	7.175	107	41246	4.873	ng	97
18) Hexachloroethane	7.445	117	17263	4.743	ng	96
19) n-Nitroso-di-n-propyla...	7.328	70	40228	5.410	ng	98
22) Acetophenone	7.328	105	78486	5.670	ng	# 97
24) Nitrobenzene	7.498	77	50634	4.621	ng	96
25) Isophorone	7.739	82	108673	5.276	ng	97
26) 2-Nitrophenol	7.822	139	10813	5.918	ng	95
27) 2,4-Dimethylphenol	7.857	122	40753	4.743	ng	99
28) bis(2-Chloroethoxy)met...	7.951	93	66594	5.296	ng	98
29) 2,4-Dichlorophenol	8.069	162	38135	4.544	ng	97
30) 1,2,4-Trichlorobenzene	8.151	180	46949	5.303	ng	98
31) Naphthalene	8.233	128	170051	5.625	ng	99
33) 4-Chloroaniline	8.281	127	56886	5.217	ng	99
34) Hexachlorobutadiene	8.351	225	29122	5.288	ng	99
36) 4-Chloro-3-methylphenol	8.757	107	42384	4.817	ng	99
37) 2-Methylnaphthalene	8.922	142	113134	5.692	ng	99
38) 1-Methylnaphthalene	9.022	142	108359	5.661	ng	99
40) 1,2,4,5-Tetrachloroben...	9.092	216	50724	5.373	ng	99
43) 2,4,6-Trichlorophenol	9.204	196	20838	3.890	ng	98
44) 2,4,5-Trichlorophenol	9.245	196	26517	4.384	ng	99
46) 1,1'-Biphenyl	9.380	154	139115	5.703	ng	100
47) 2-Chloronaphthalene	9.410	162	104874	5.459	ng	97
48) 2-Nitroaniline	9.498	65	16200	5.521	ng	89
49) Acenaphthylene	9.822	152	151682	5.467	ng	99
50) Dimethylphthalate	9.675	163	100034	4.962	ng	100
51) 2,6-Dinitrotoluene	9.739	165	10751	5.607	ng	89

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
 Data File : BF143344.D
 Acq On : 12 Aug 2025 09:34
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

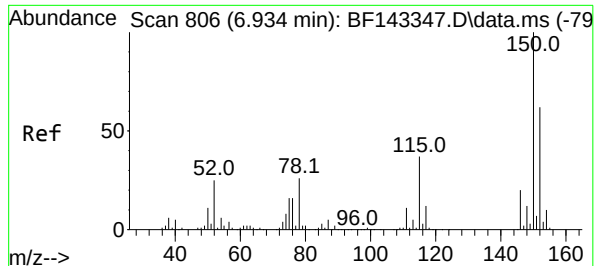
Quant Time: Aug 12 13:16:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 12 13:02:27 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	9.998	154	104223	5.651	ng	99
53) 3-Nitroaniline	9.910	138	13704	3.319	ng #	85
55) Dibenzofuran	10.169	168	151524	5.708	ng	99
57) 2,4-Dinitrotoluene	10.139	165	13285	5.473	ng #	85
58) Fluorene	10.510	166	119124	5.875	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.292	232	14793	3.628	ng #	98
60) Diethylphthalate	10.375	149	87234	4.831	ng	99
61) 4-Chlorophenyl-phenyle...	10.504	204	55620	5.677	ng	99
62) 4-Nitroaniline	10.516	138	15026	3.762	ng	95
63) Azobenzene	10.663	77	112299	5.445	ng	99
66) n-Nitrosodiphenylamine	10.616	169	96579	5.263	ng	99
67) 4-Bromophenyl-phenylether	10.992	248	32274	5.063	ng	98
68) Hexachlorobenzene	11.063	284	35913	5.227	ng	96
69) Atrazine	11.139	200	20457	4.274	ng	100
71) Phenanthrene	11.474	178	169159	5.563	ng	99
72) Anthracene	11.527	178	170698	5.535	ng	98
73) Carbazole	11.680	167	146129	5.564	ng	99
74) Di-n-butylphthalate	12.004	149	93961	4.228	ng	99
75) Fluoranthene	12.663	202	156101	5.860	ng	99
78) Pyrene	12.892	202	165633	5.733	ng	98
80) Butylbenzylphthalate	13.504	149	15374	5.856	ng	99
81) Benzo(a)anthracene	14.080	228	114909	5.250	ng	98
83) Chrysene	14.115	228	109349	5.357	ng	98
84) Bis(2-ethylhexyl)phtha...	14.063	149	19633	6.133	ng	97
87) Indeno(1,2,3-cd)pyrene	17.098	276	88484	4.890	ng	98
88) Benzo(b)fluoranthene	15.139	252	74031	5.359	ng	98
89) Benzo(k)fluoranthene	15.168	252	67207	5.006	ng	99
90) Benzo(a)pyrene	15.515	252	66211	5.089	ng	98
91) Dibenzo(a,h)anthracene	17.115	278	71319	4.933	ng	98
92) Benzo(g,h,i)perylene	17.551	276	69991	4.806	ng #	93

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

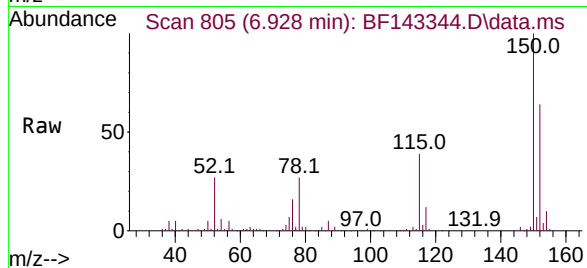
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

[illegible]

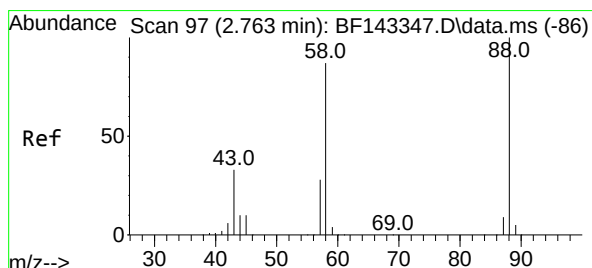
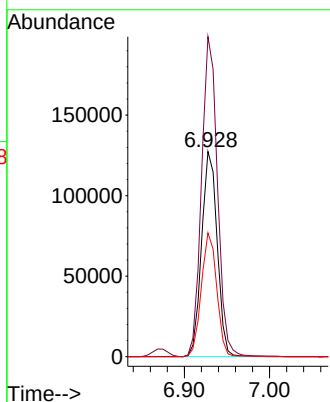
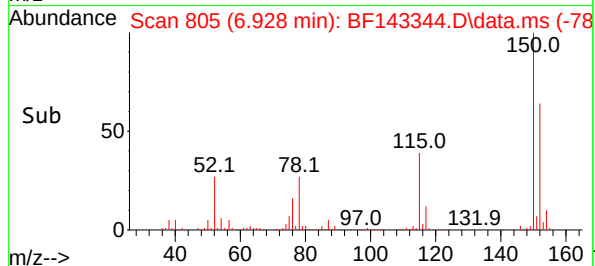


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

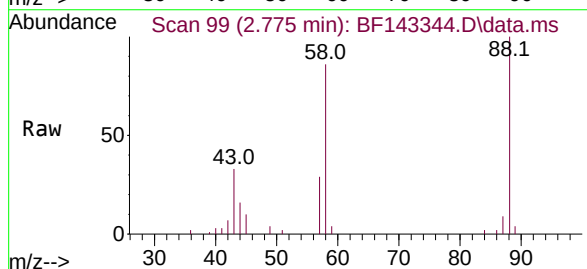
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



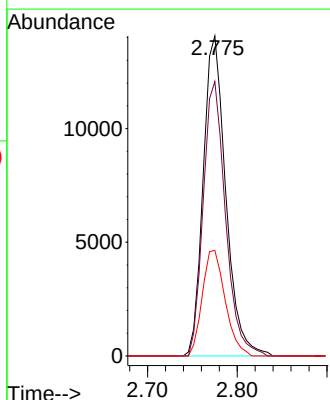
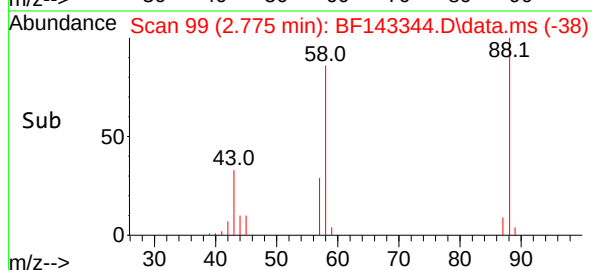
Tgt Ion:152 Resp: 162290
Ion Ratio Lower Upper
152 100
150 156.0 129.8 194.8
115 60.3 47.8 71.8

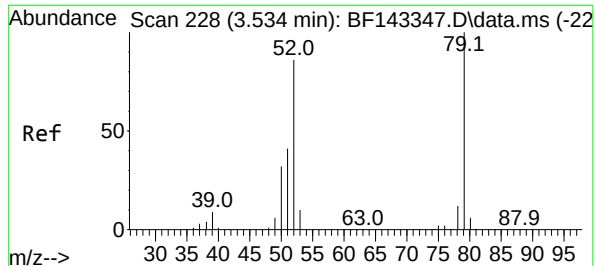


#2
1,4-Dioxane
Concen: 5.066 ng
RT: 2.775 min Scan# 99
Delta R.T. 0.012 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34



Tgt Ion: 88 Resp: 24600
Ion Ratio Lower Upper
88 100
58 84.4 71.0 106.6
43 33.4 27.0 40.6





#3

Pyridine

Concen: 4.627 ng

RT: 3.563 min Scan# 21

Delta R.T. 0.029 min

Lab File: BF143344.D

Acq: 12 Aug 2025 09:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

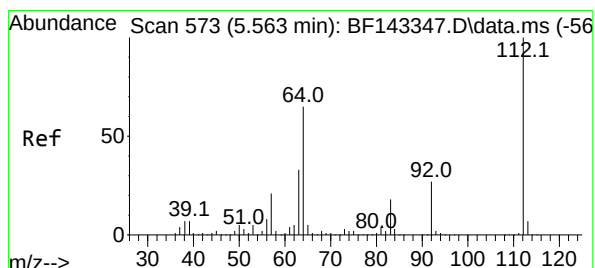
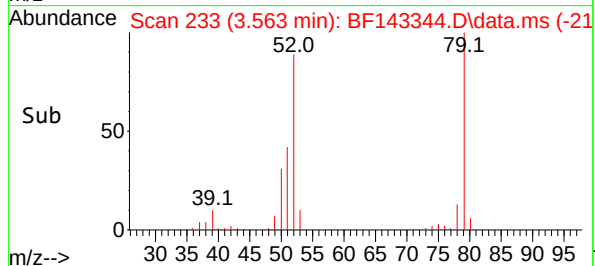
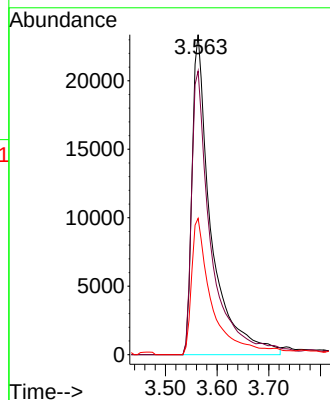
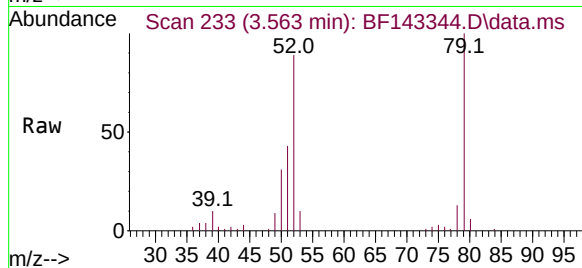
Tgt Ion: 79 Resp: 59883

Ion Ratio Lower Upper

79 100

52 88.6 68.7 103.1

51 42.6 33.4 50.0



#5

2-Fluorophenol

Concen: 9.988 ng

RT: 5.557 min Scan# 572

Delta R.T. -0.006 min

Lab File: BF143344.D

Acq: 12 Aug 2025 09:34

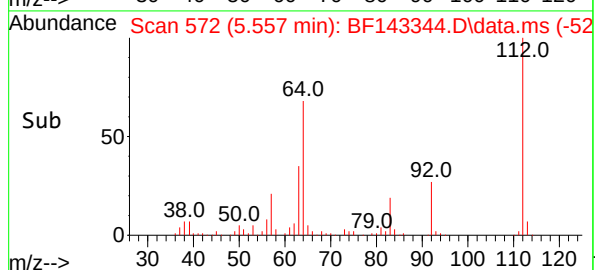
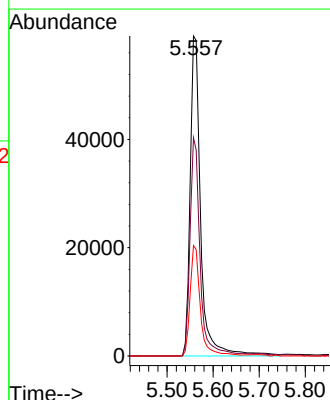
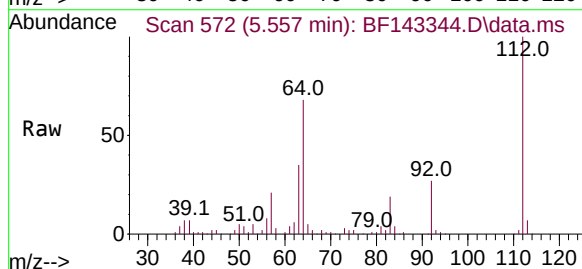
Tgt Ion: 112 Resp: 93734

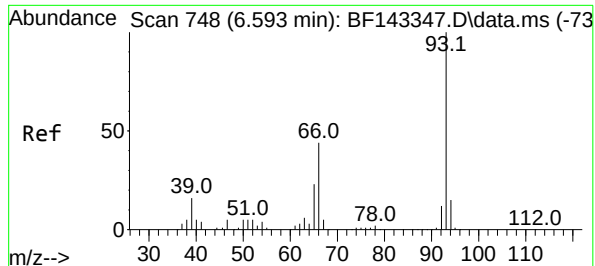
Ion Ratio Lower Upper

112 100

64 68.2 52.1 78.1

63 34.5 26.6 39.8

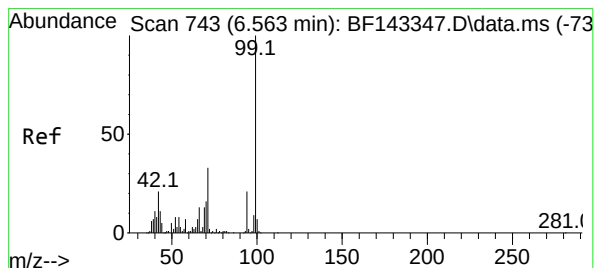
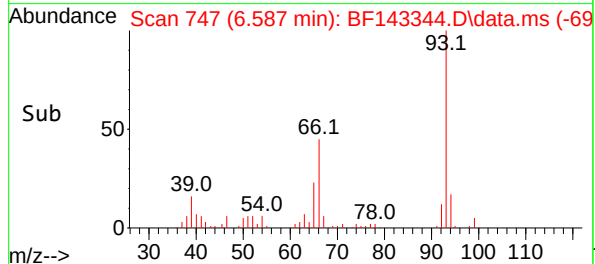
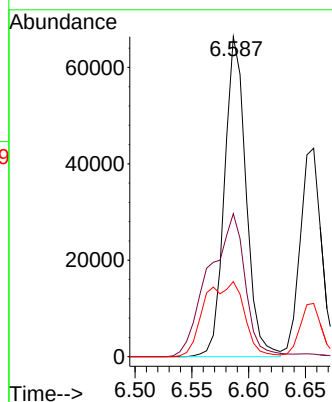
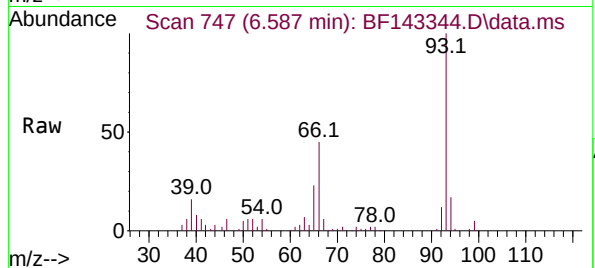




#6
Aniline
Concen: 5.171 ng
RT: 6.587 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

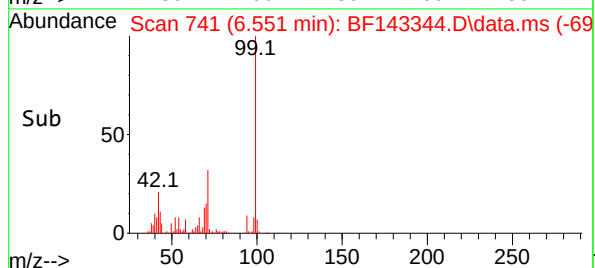
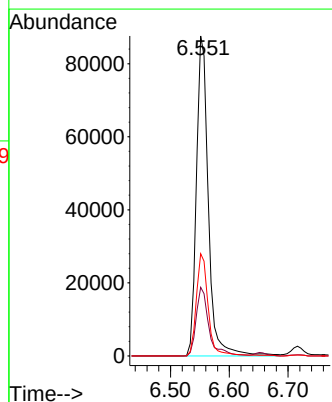
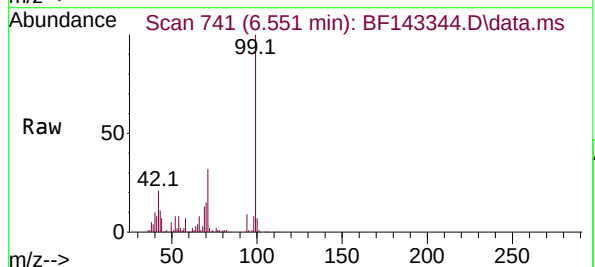
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

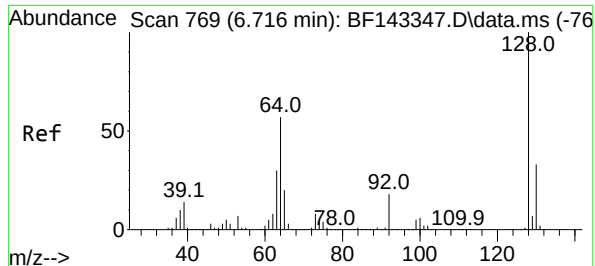
Tgt Ion: 93 Resp: 87728
Ion Ratio Lower Upper
93 100
66 44.7 35.3 52.9
65 23.5 18.2 27.4



#7
Phenol-d6
Concen: 10.294 ng
RT: 6.551 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Tgt Ion: 99 Resp: 123886
Ion Ratio Lower Upper
99 100
42 21.5 16.6 25.0
71 31.9 26.2 39.2

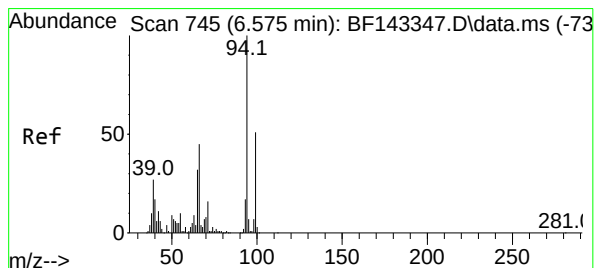
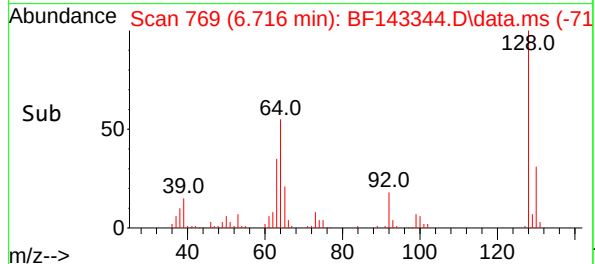
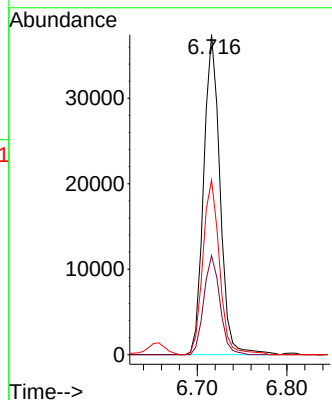
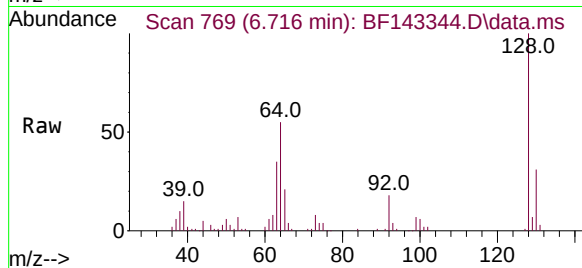




#8
2-Chlorophenol
Concen: 4.723 ng
RT: 6.716 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

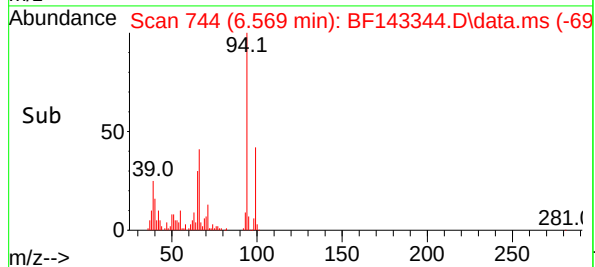
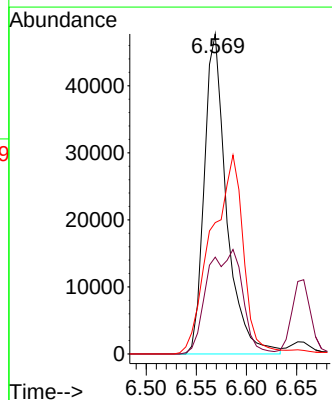
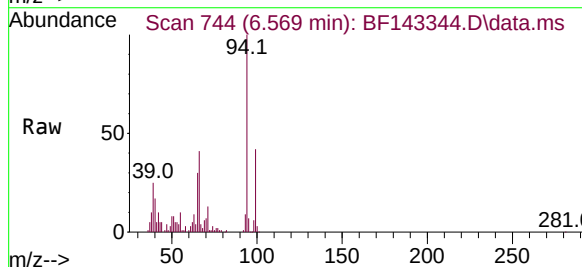
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

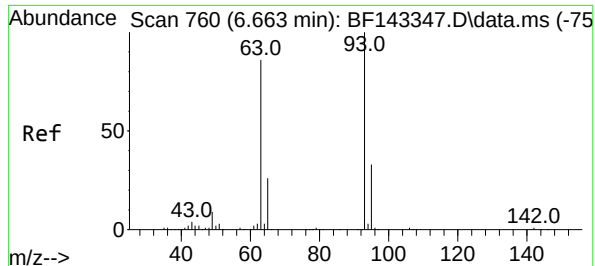
Tgt Ion:128 Resp: 47366
Ion Ratio Lower Upper
128 100
130 30.9 12.6 52.6
64 54.6 36.7 76.7



#10
Phenol
Concen: 5.187 ng
RT: 6.569 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Tgt Ion: 94 Resp: 73959
Ion Ratio Lower Upper
94 100
65 30.3 12.0 52.0
66 41.0 25.6 65.6

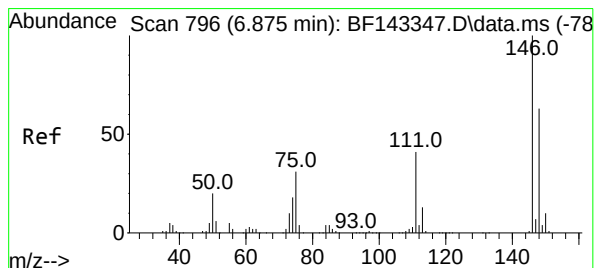
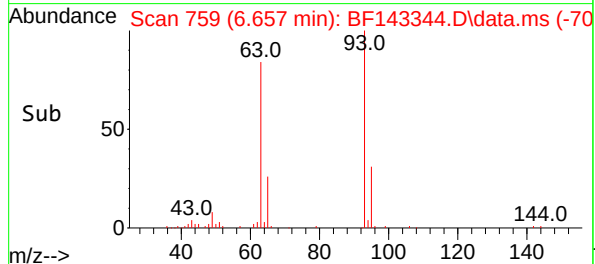
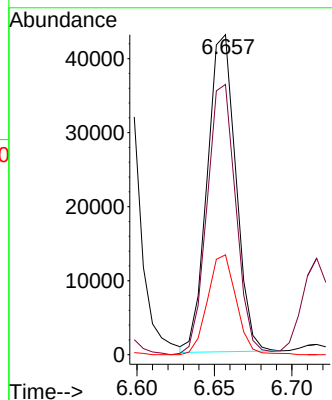
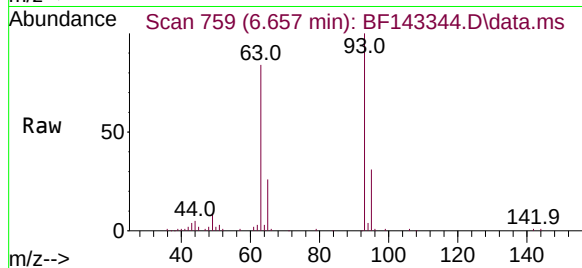




#11
bis(2-Chloroethyl)ether
Concen: 5.238 ng
RT: 6.657 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

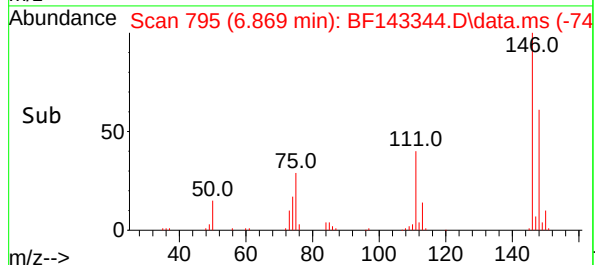
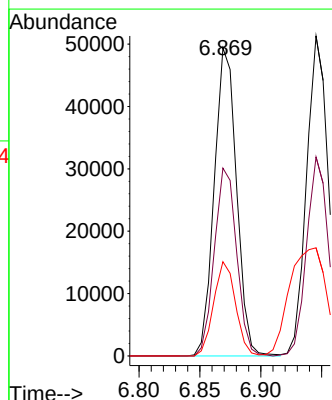
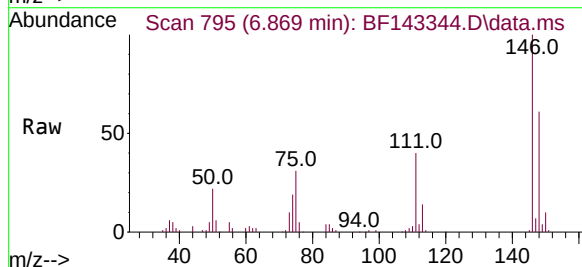
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

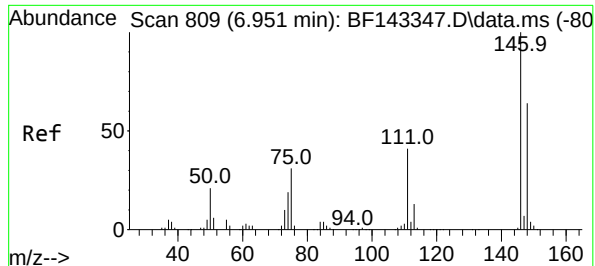
Tgt Ion: 93 Resp: 55039
Ion Ratio Lower Upper
93 100
63 84.4 65.7 105.7
95 31.2 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 5.441 ng
RT: 6.869 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Tgt Ion: 146 Resp: 62932
Ion Ratio Lower Upper
146 100
148 61.0 50.5 75.7
75 30.6 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 5.508 ng

RT: 6.945 min Scan# 809

Delta R.T. -0.006 min

Lab File: BF143344.D

Acq: 12 Aug 2025 09:34

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

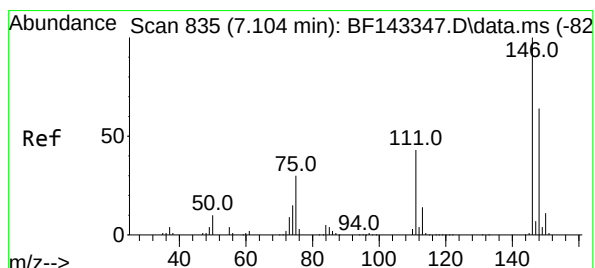
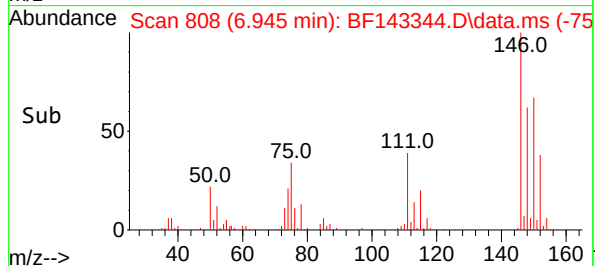
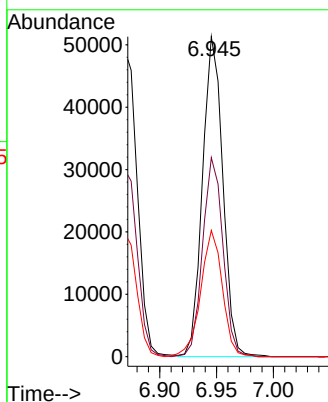
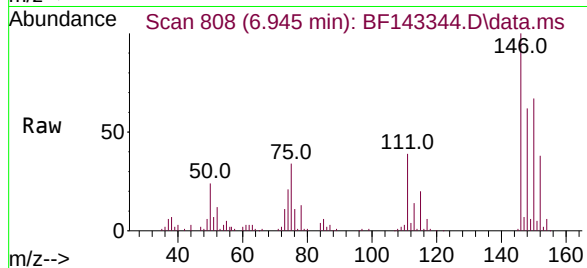
Tgt Ion:146 Resp: 63946

Ion Ratio Lower Upper

146 100

148 62.2 51.4 77.0

111 39.5 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 5.472 ng

RT: 7.098 min Scan# 834

Delta R.T. -0.006 min

Lab File: BF143344.D

Acq: 12 Aug 2025 09:34

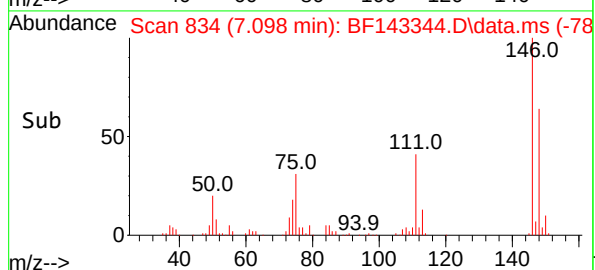
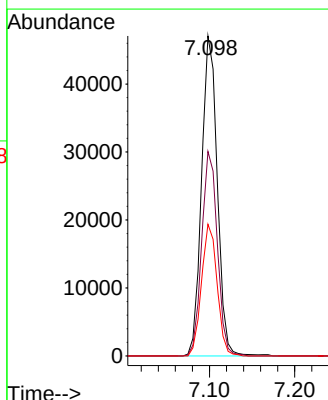
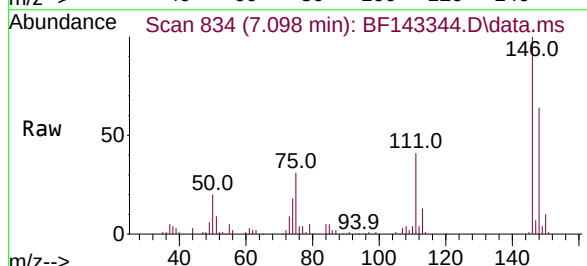
Tgt Ion:146 Resp: 60298

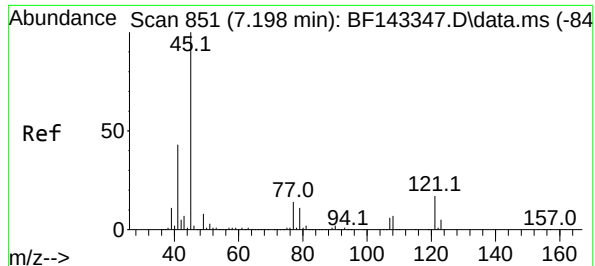
Ion Ratio Lower Upper

146 100

148 63.9 51.4 77.2

111 41.1 34.1 51.1





#16

2,2'-oxybis(1-Chloropropane)

Concen: 5.453 ng

RT: 7.198 min Scan# 851

Delta R.T. -0.000 min

Lab File: BF143344.D

Acq: 12 Aug 2025 09:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

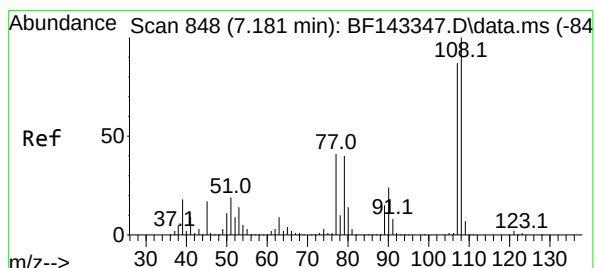
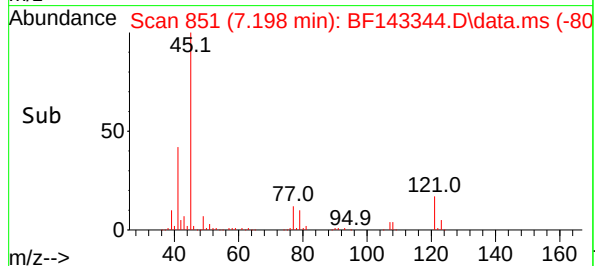
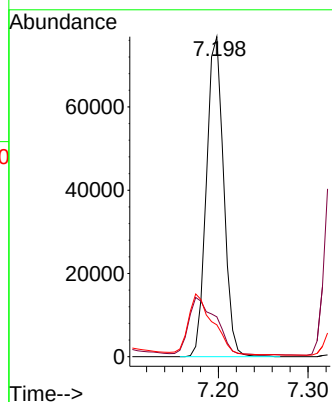
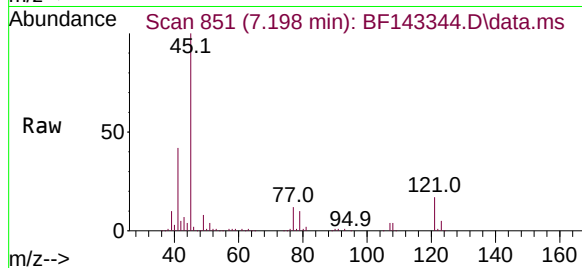
Tgt Ion: 45 Resp: 102291

Ion Ratio Lower Upper

45 100

77 12.5 0.0 34.0

79 10.0 0.0 31.1



#17

2-Methylphenol

Concen: 4.873 ng

RT: 7.175 min Scan# 847

Delta R.T. -0.006 min

Lab File: BF143344.D

Acq: 12 Aug 2025 09:34

Tgt Ion: 107 Resp: 41246

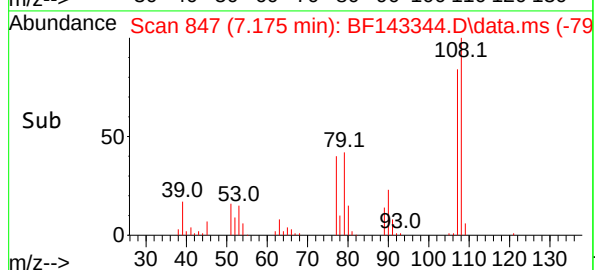
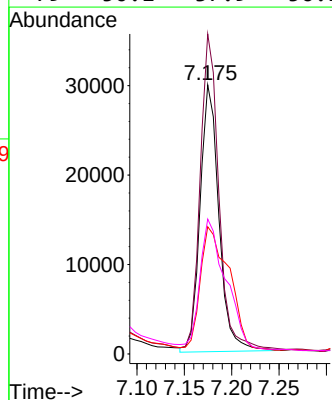
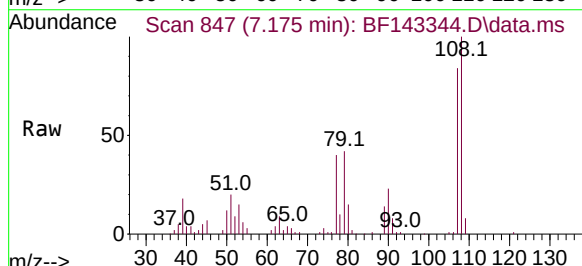
Ion Ratio Lower Upper

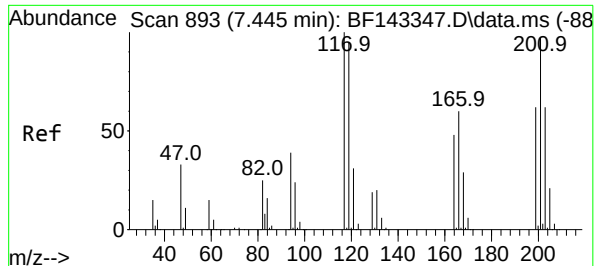
107 100

108 118.9 92.0 138.0

77 47.3 38.2 57.2

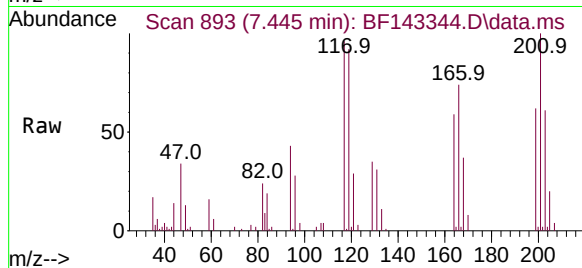
79 50.1 37.9 56.9



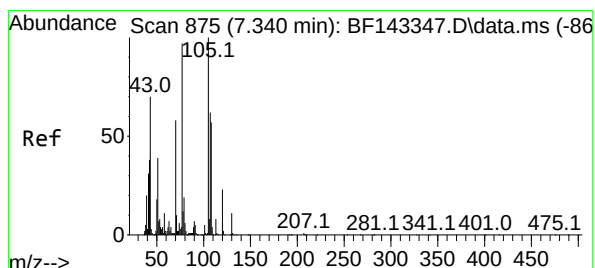
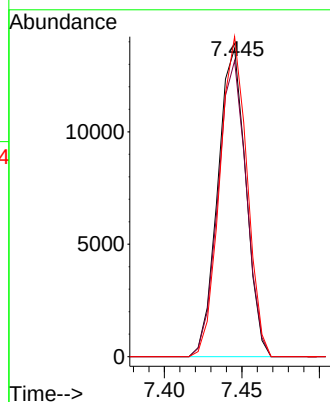
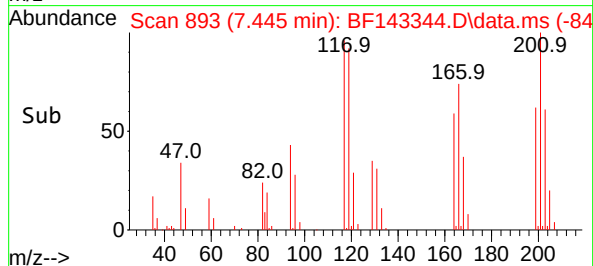


#18
Hexachloroethane
Concen: 4.743 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.000 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

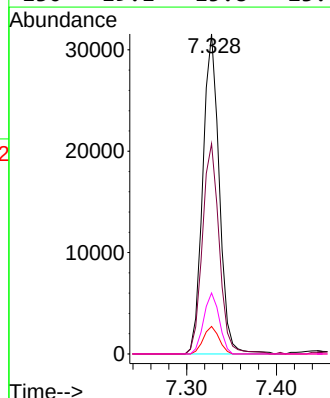
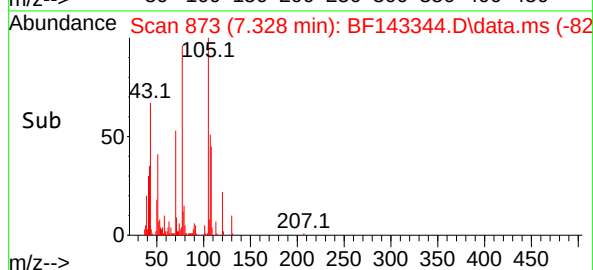
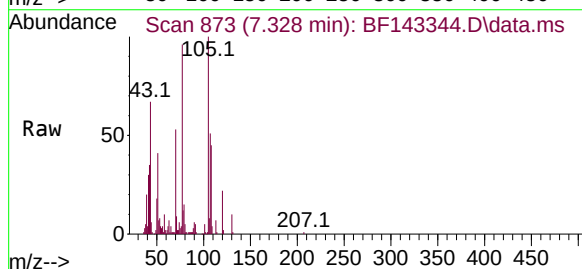


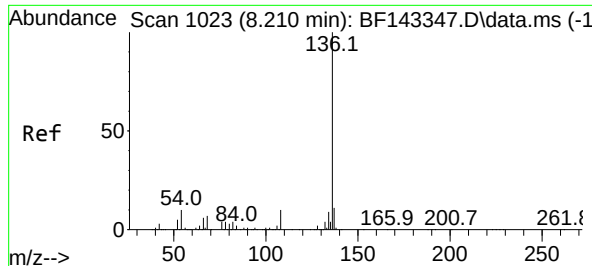
Tgt Ion:117 Resp: 17263
Ion Ratio Lower Upper
117 100
119 96.0 75.8 113.8
201 103.8 77.2 115.8



#19
n-Nitroso-di-n-propylamine
Concen: 5.410 ng
RT: 7.328 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Tgt Ion: 70 Resp: 40228
Ion Ratio Lower Upper
70 100
42 65.7 51.6 77.4
101 8.6 7.5 11.3
130 19.1 15.8 23.6

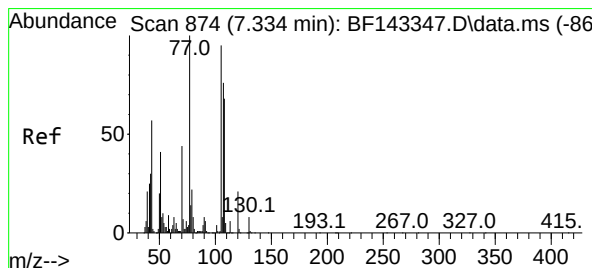
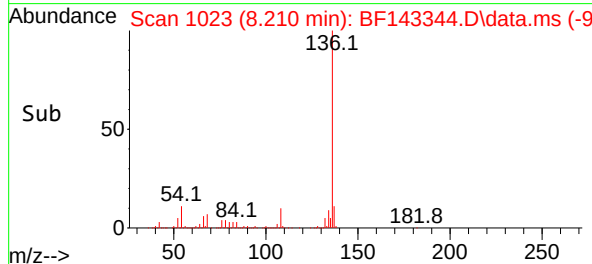
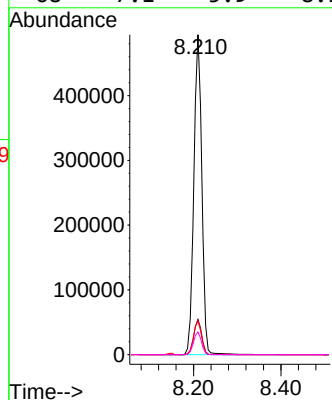
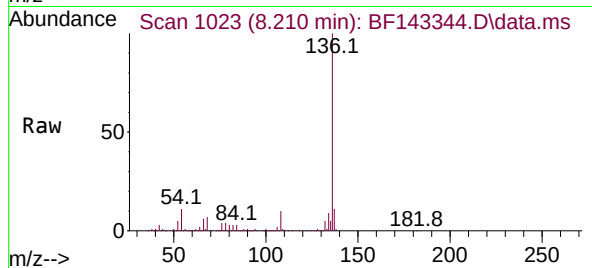




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

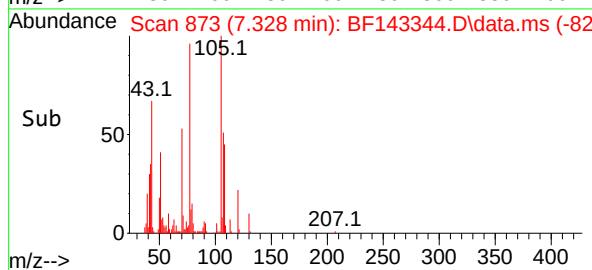
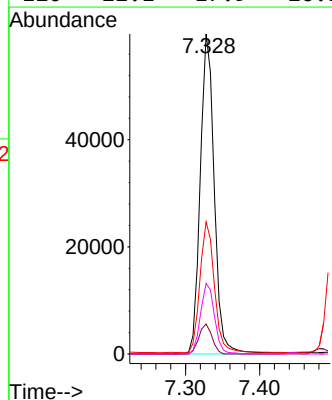
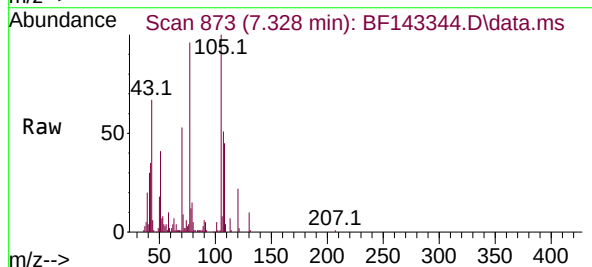
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

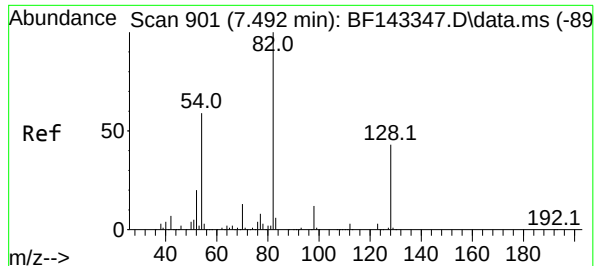
Tgt Ion:	136	Resp:	628268
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.6	13.0
54	10.5	8.4	12.6
68	7.1	5.9	8.9



#22
Acetophenone
Concen: 5.670 ng
RT: 7.328 min Scan# 873
Delta R.T. -0.006 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Tgt Ion:	105	Resp:	78486
Ion Ratio	Lower	Upper	
105	100		
71	9.4	6.2	9.4
51	41.3	34.8	52.2
120	22.1	17.9	26.9

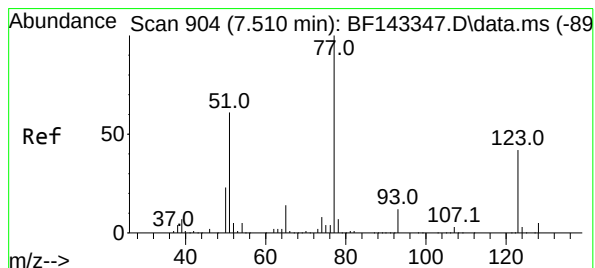
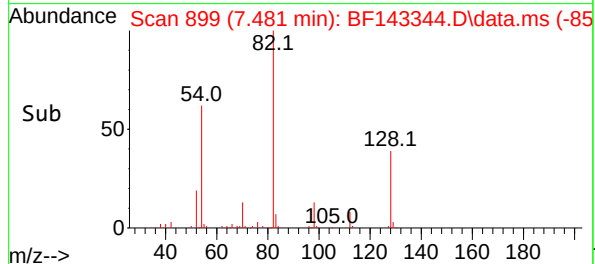
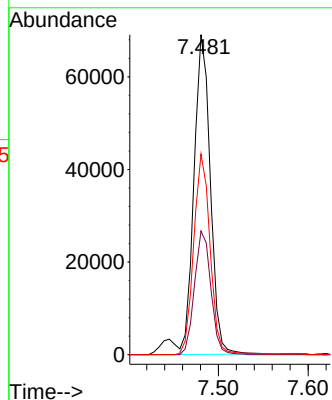
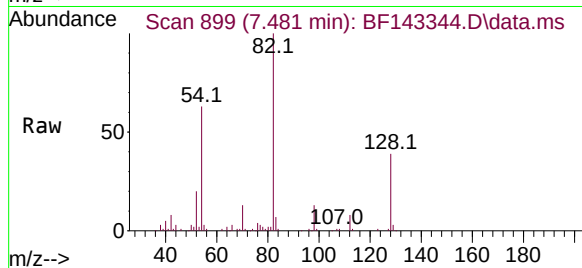




#23
Nitrobenzene-d5
Concen: 8.634 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

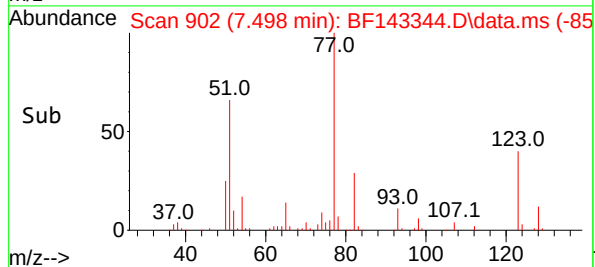
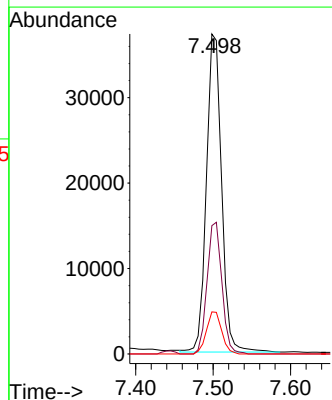
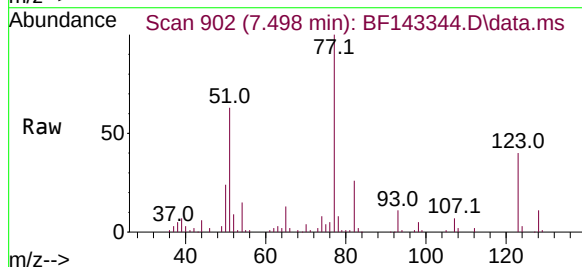
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

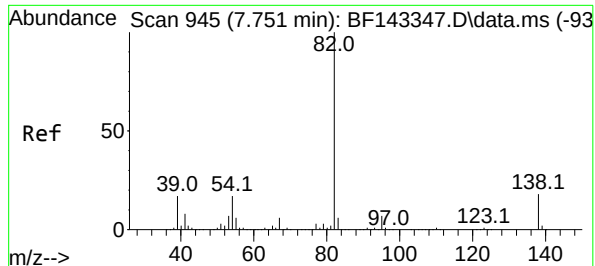
Tgt Ion: 82 Resp: 87105
Ion Ratio Lower Upper
82 100
128 38.7 33.5 50.3
54 62.7 46.7 70.1



#24
Nitrobenzene
Concen: 4.621 ng
RT: 7.498 min Scan# 902
Delta R.T. -0.012 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Tgt Ion: 77 Resp: 50634
Ion Ratio Lower Upper
77 100
123 40.1 34.8 52.2
65 13.2 11.0 16.6

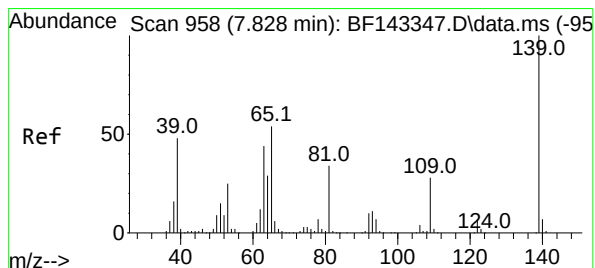
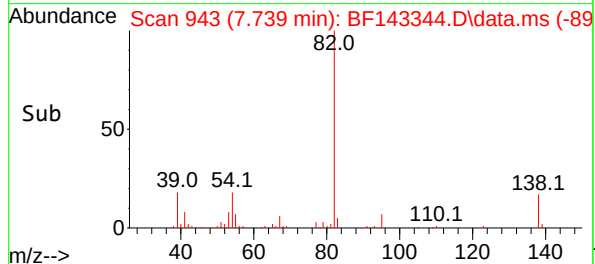
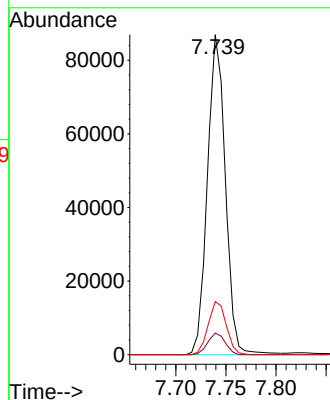
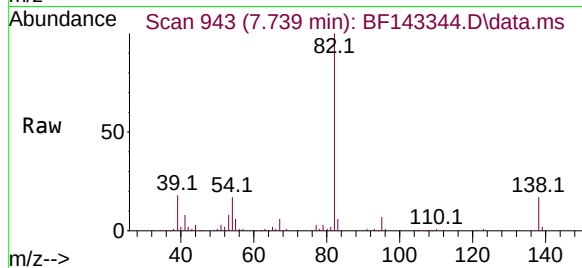




#25
Isophorone
Concen: 5.276 ng
RT: 7.739 min Scan# 944
Delta R.T. -0.012 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

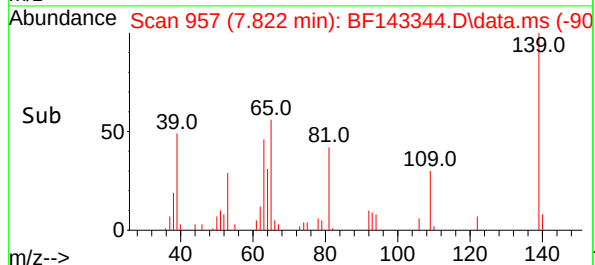
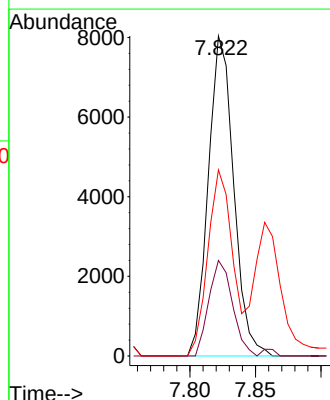
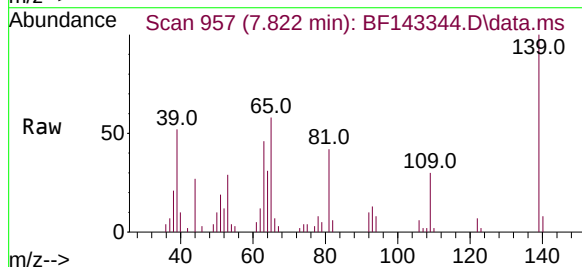
Instrument :
BNA_F
ClientSampleId :
SSTDIC005

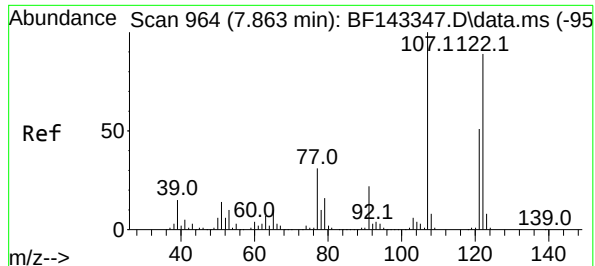
Tgt Ion: 82 Resp: 108673
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 16.6 14.6 21.8



#26
2-Nitrophenol
Concen: 5.918 ng
RT: 7.822 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Tgt Ion: 139 Resp: 10813
Ion Ratio Lower Upper
139 100
109 29.8 22.4 33.6
65 58.2 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 4.743 ng

RT: 7.857 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF143344.D

Acq: 12 Aug 2025 09:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

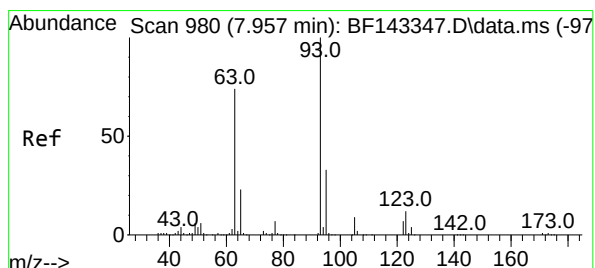
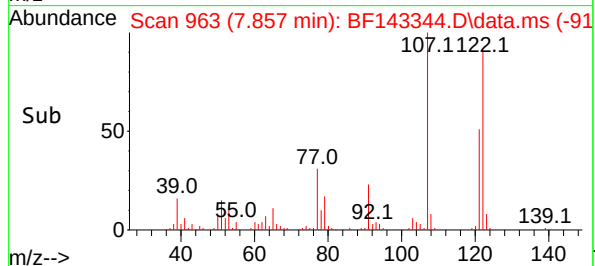
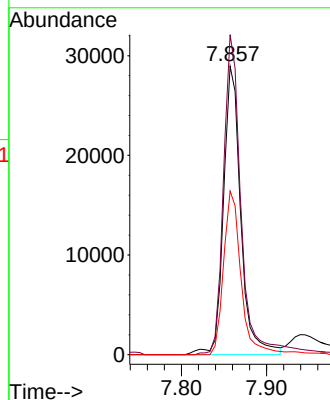
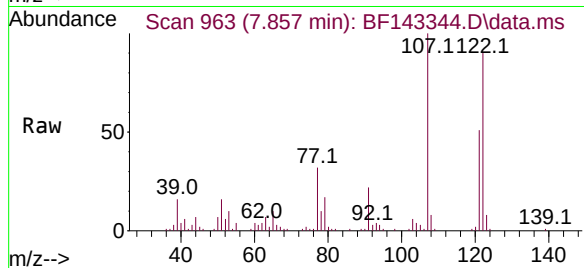
Tgt Ion:122 Resp: 40753

Ion Ratio Lower Upper

122 100

107 110.9 89.9 134.9

121 56.7 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 5.296 ng

RT: 7.951 min Scan# 979

Delta R.T. -0.006 min

Lab File: BF143344.D

Acq: 12 Aug 2025 09:34

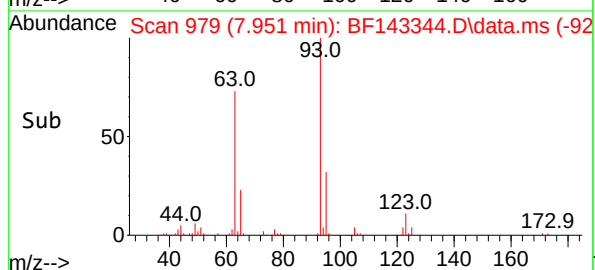
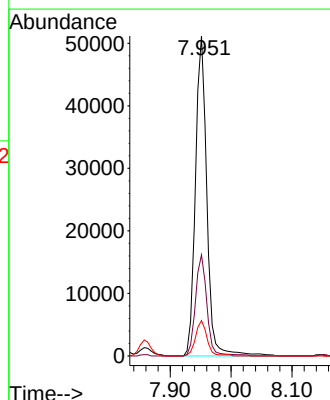
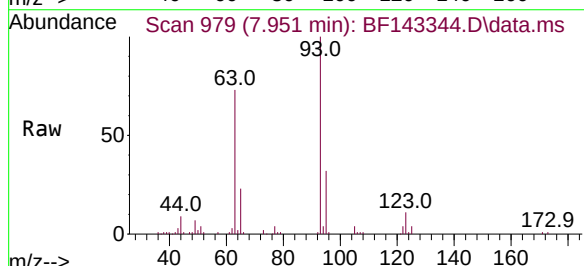
Tgt Ion: 93 Resp: 66594

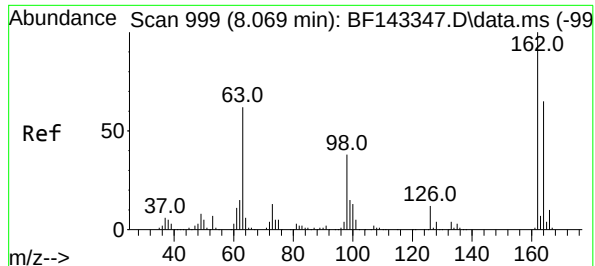
Ion Ratio Lower Upper

93 100

95 31.6 26.2 39.4

123 11.1 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 4.544 ng

RT: 8.069 min Scan# 999

Delta R.T. -0.000 min

Lab File: BF143344.D

Acq: 12 Aug 2025 09:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

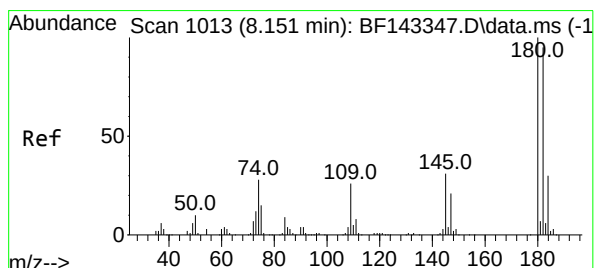
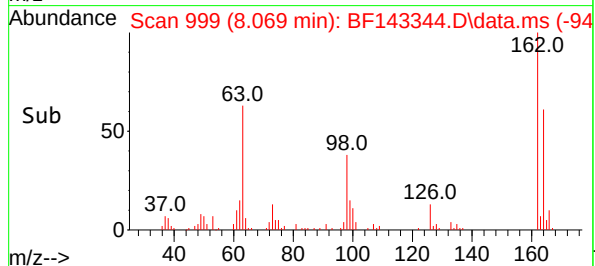
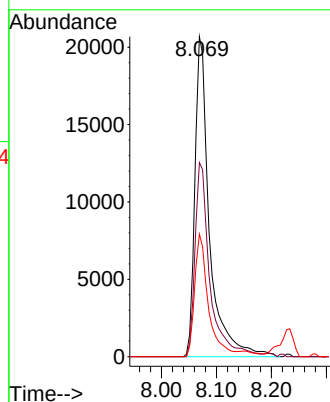
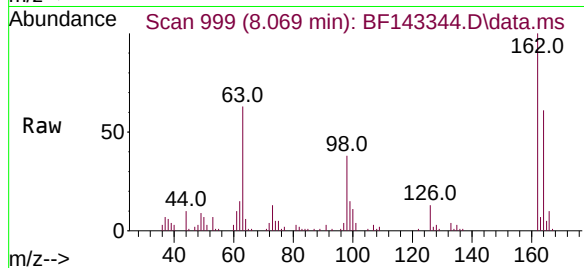
Tgt Ion:162 Resp: 38135

Ion Ratio Lower Upper

162 100

164 60.6 44.5 84.5

98 38.3 17.7 57.7



#30

1,2,4-Trichlorobenzene

Concen: 5.303 ng

RT: 8.151 min Scan# 1013

Delta R.T. -0.000 min

Lab File: BF143344.D

Acq: 12 Aug 2025 09:34

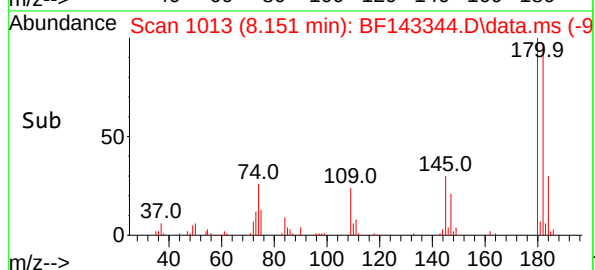
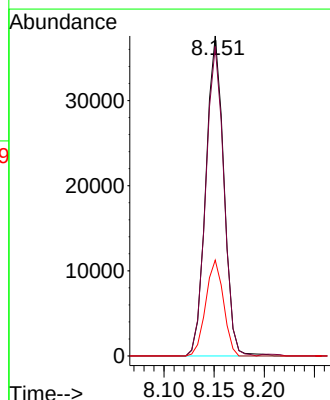
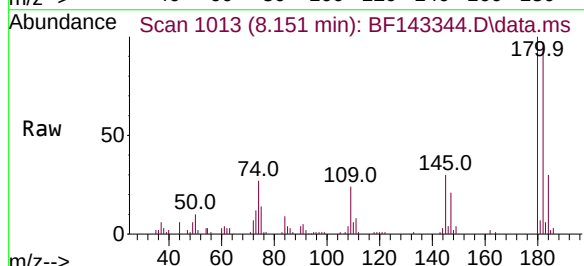
Tgt Ion:180 Resp: 46949

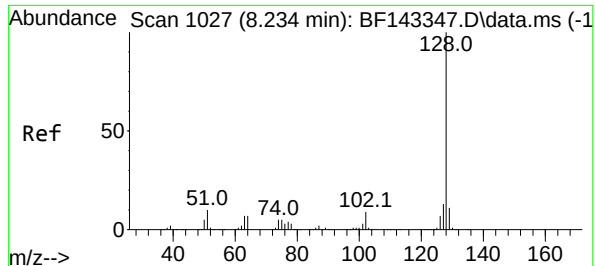
Ion Ratio Lower Upper

180 100

182 96.7 76.1 114.1

145 30.0 24.9 37.3





#31

Naphthalene

Concen: 5.625 ng

RT: 8.233 min Scan# 1027

Delta R.T. -0.000 min

Lab File: BF143344.D

Acq: 12 Aug 2025 09:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

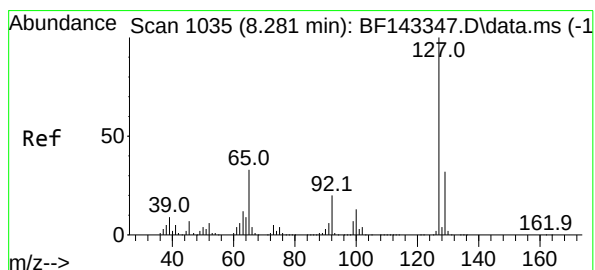
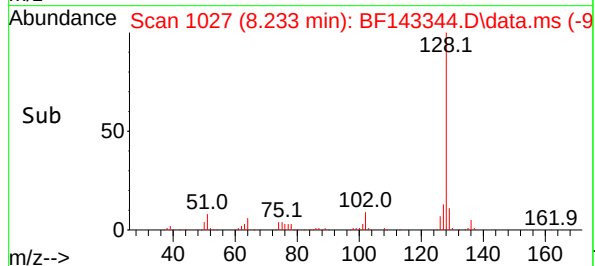
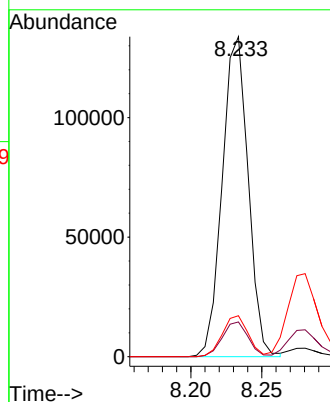
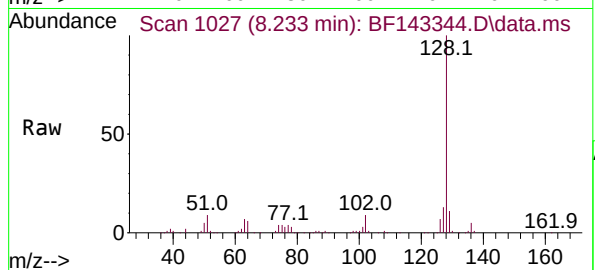
Tgt Ion:128 Resp: 170051

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.6

127 12.8 10.7 16.1



#33

4-Chloroaniline

Concen: 5.217 ng

RT: 8.281 min Scan# 1035

Delta R.T. -0.000 min

Lab File: BF143344.D

Acq: 12 Aug 2025 09:34

Tgt Ion:127 Resp: 56886

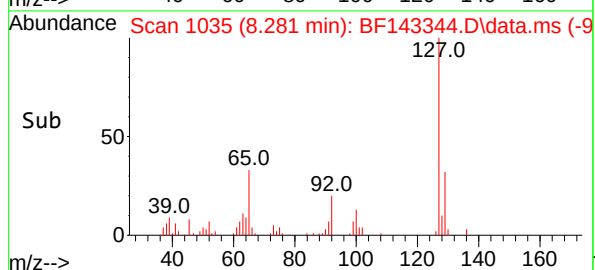
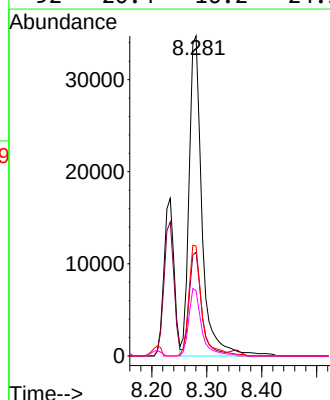
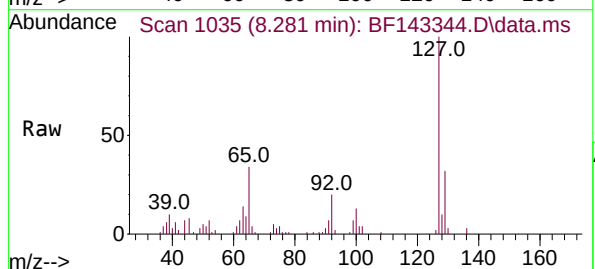
Ion Ratio Lower Upper

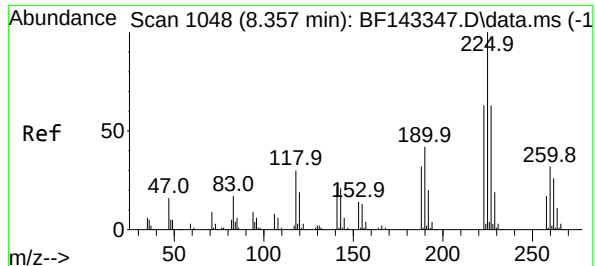
127 100

129 32.4 26.0 39.0

65 34.4 27.0 40.4

92 20.4 16.2 24.2

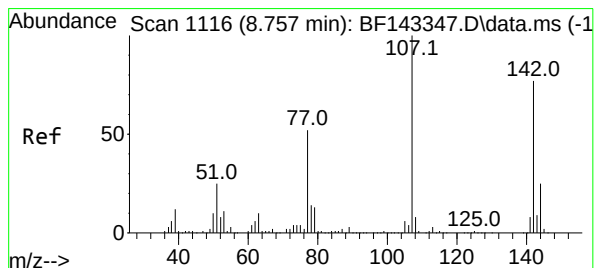
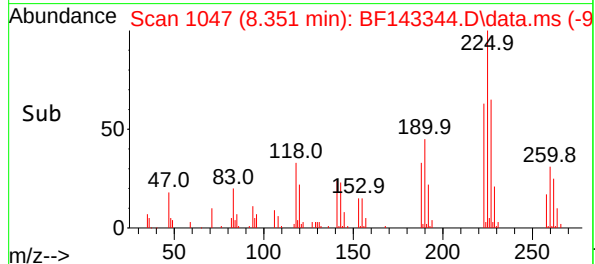
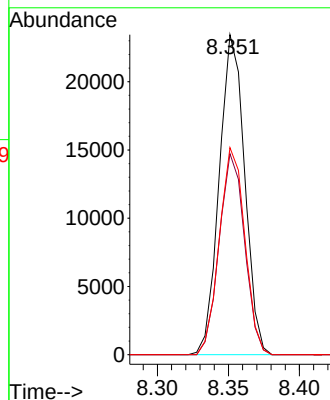
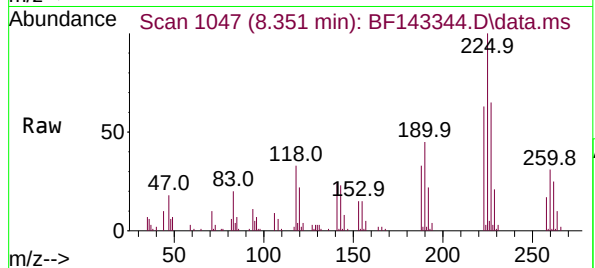




#34
Hexachlorobutadiene
Concen: 5.288 ng
RT: 8.351 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

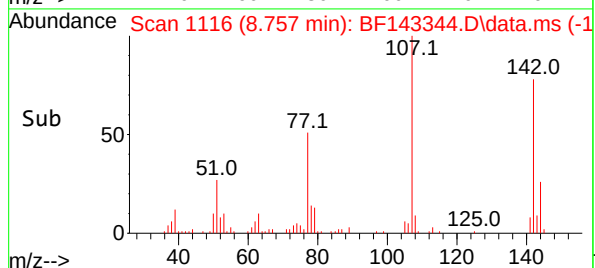
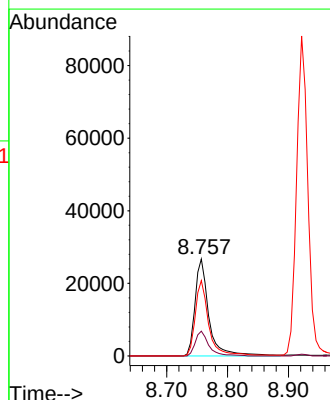
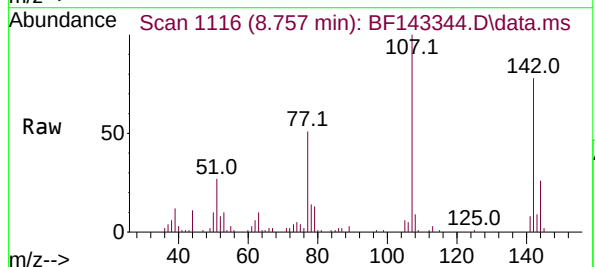
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

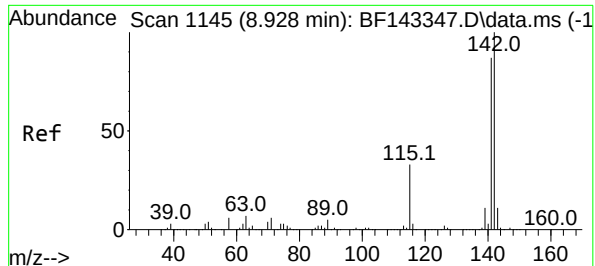
Tgt Ion:225 Resp: 29122
Ion Ratio Lower Upper
225 100
223 62.8 50.1 75.1
227 64.7 50.6 75.8



#36
4-Chloro-3-methylphenol
Concen: 4.817 ng
RT: 8.757 min Scan# 1116
Delta R.T. -0.000 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Tgt Ion:107 Resp: 42384
Ion Ratio Lower Upper
107 100
144 25.6 20.0 30.0
142 77.7 61.3 91.9





#37

2-Methylnaphthalene

Concen: 5.692 ng

RT: 8.922 min Scan# 1144

Delta R.T. -0.006 min

Lab File: BF143344.D

Acq: 12 Aug 2025 09:34

Instrument :

BNA_F

ClientSampleId :

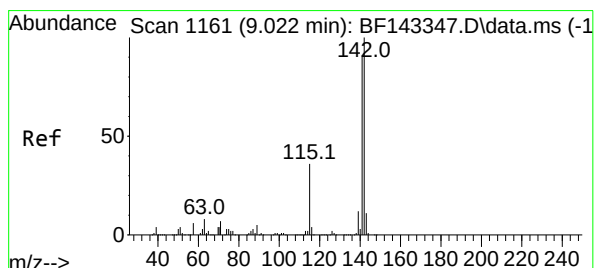
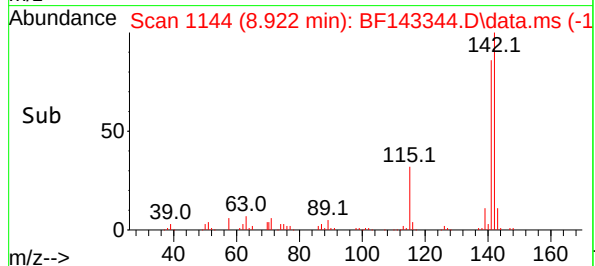
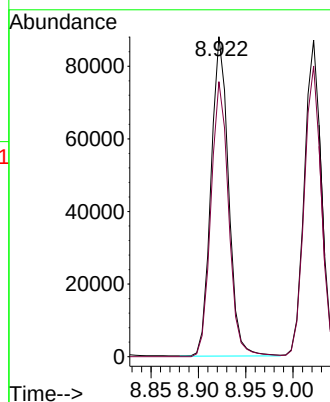
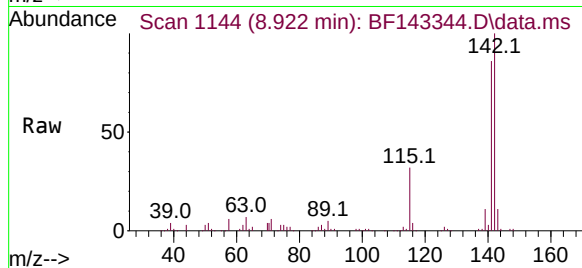
SSTDICC005

Tgt Ion:142 Resp: 113134

Ion Ratio Lower Upper

142 100

141 86.0 69.8 104.8



#38

1-Methylnaphthalene

Concen: 5.661 ng

RT: 9.022 min Scan# 1161

Delta R.T. -0.000 min

Lab File: BF143344.D

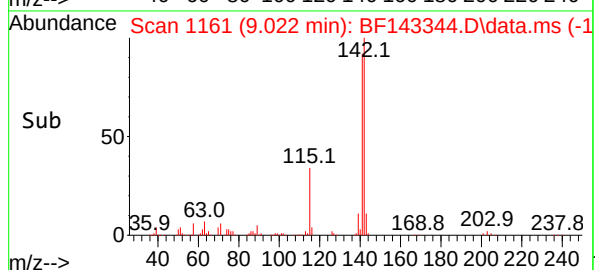
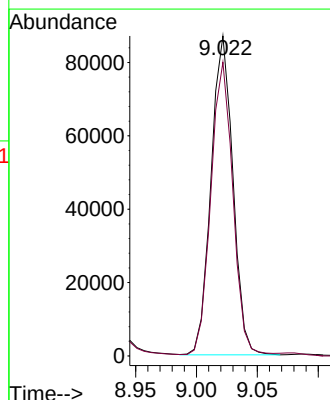
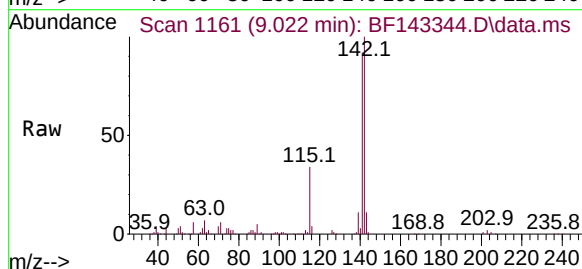
Acq: 12 Aug 2025 09:34

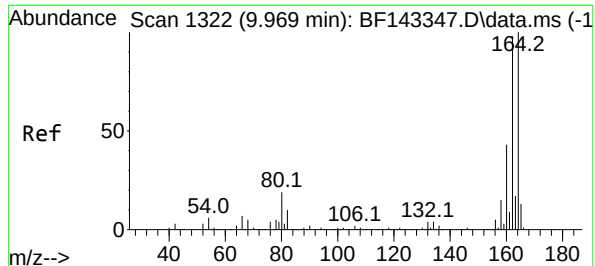
Tgt Ion:142 Resp: 108359

Ion Ratio Lower Upper

142 100

141 91.8 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.963 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143344.D

Acq: 12 Aug 2025 09:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

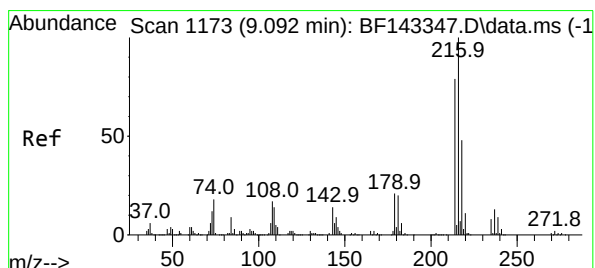
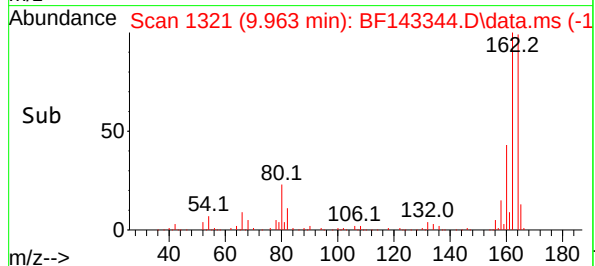
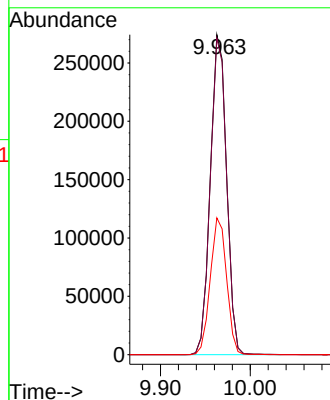
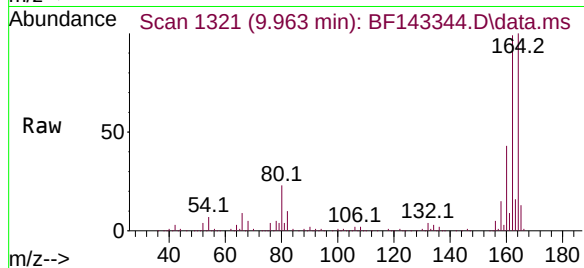
Tgt Ion:164 Resp: 344999

Ion Ratio Lower Upper

164 100

162 98.9 78.6 118.0

160 42.7 34.4 51.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 5.373 ng

RT: 9.092 min Scan# 1173

Delta R.T. -0.000 min

Lab File: BF143344.D

Acq: 12 Aug 2025 09:34

Tgt Ion:216 Resp: 50724

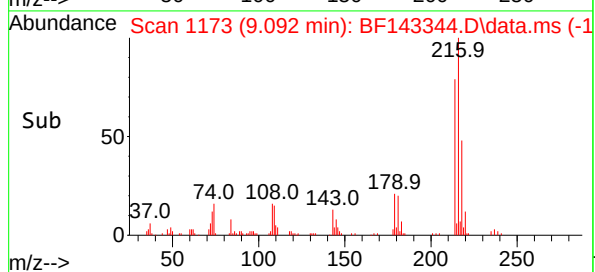
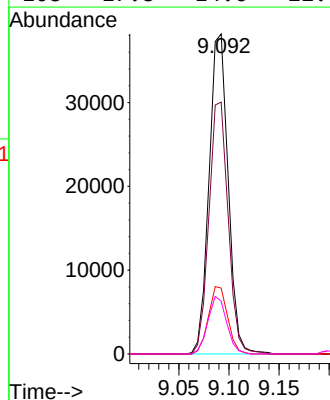
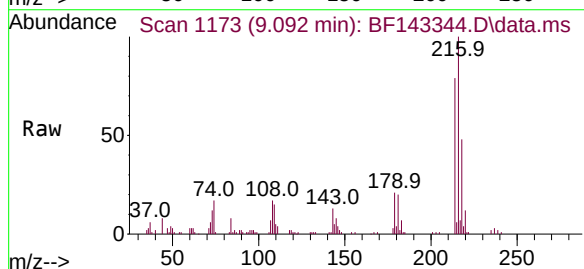
Ion Ratio Lower Upper

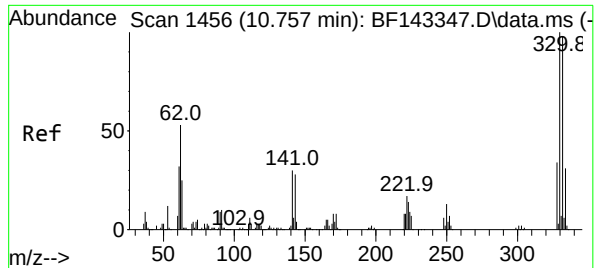
216 100

214 79.1 63.0 94.4

179 21.0 17.0 25.4

108 17.8 14.6 22.0





#42

2,4,6-Tribromophenol

Concen: 7.182 ng

RT: 10.751 min Scan# 1455

Delta R.T. -0.006 min

Lab File: BF143344.D

Acq: 12 Aug 2025 09:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

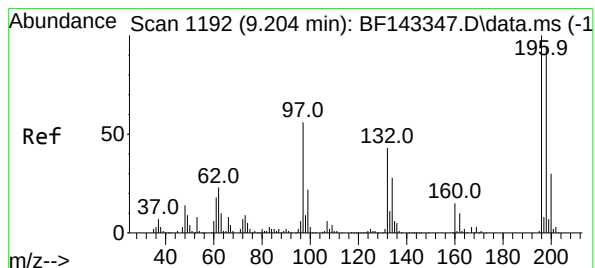
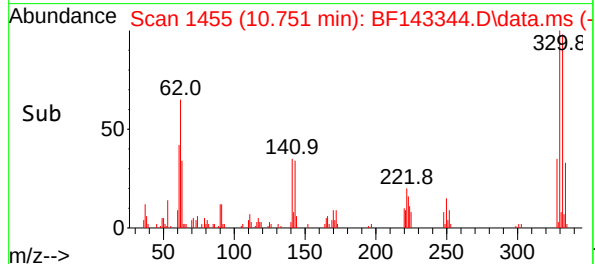
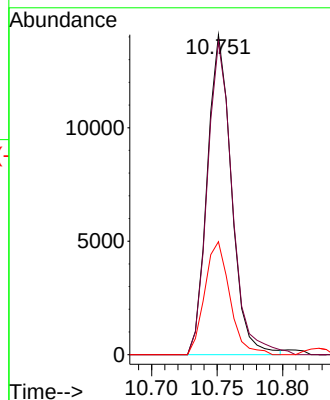
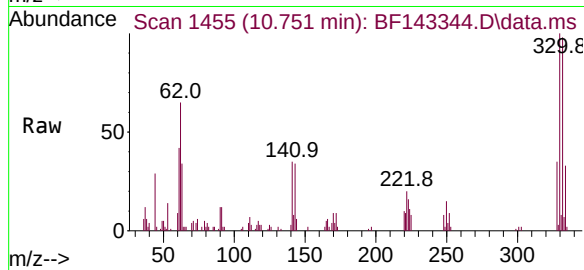
Tgt Ion:330 Resp: 18107

Ion Ratio Lower Upper

330 100

332 100.5 78.1 117.1

141 36.6 25.4 38.0



#43

2,4,6-Trichlorophenol

Concen: 3.890 ng

RT: 9.204 min Scan# 1192

Delta R.T. -0.000 min

Lab File: BF143344.D

Acq: 12 Aug 2025 09:34

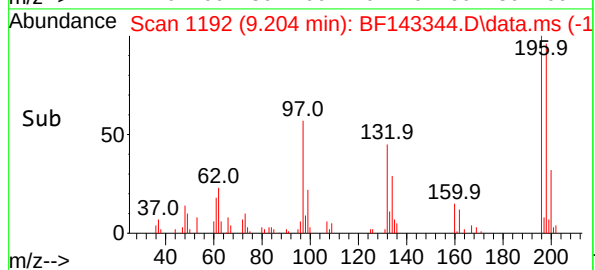
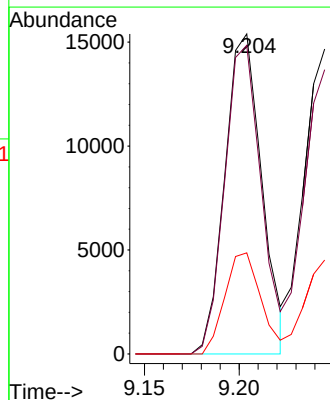
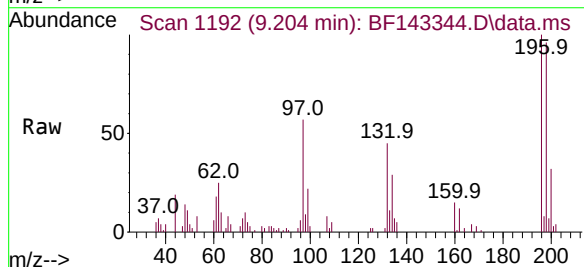
Tgt Ion:196 Resp: 20838

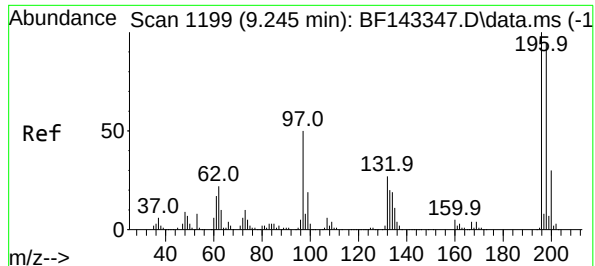
Ion Ratio Lower Upper

196 100

198 96.5 75.4 113.0

200 31.6 24.3 36.5





#44

2,4,5-Trichlorophenol

Concen: 4.384 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.000 min

Lab File: BF143344.D

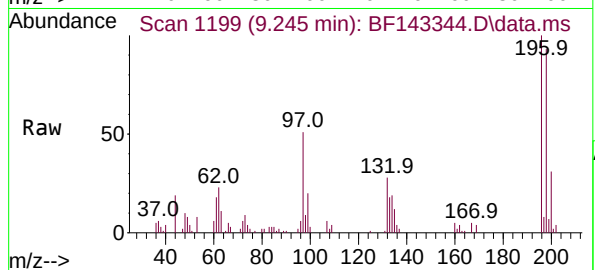
Acq: 12 Aug 2025 09:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



Tgt Ion:196 Resp: 26517

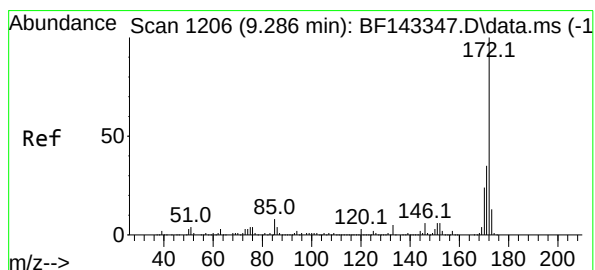
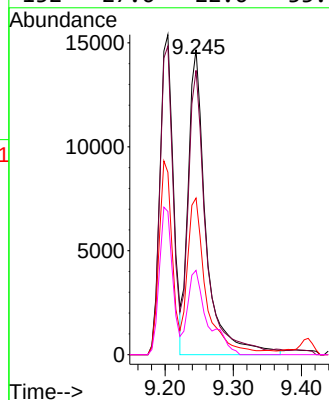
Ion Ratio Lower Upper

196 100

198 93.2 75.4 113.2

97 51.3 39.9 59.9

132 27.6 22.6 33.8



#45

2-Fluorobiphenyl

Concen: 12.244 ng

RT: 9.280 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF143344.D

Acq: 12 Aug 2025 09:34

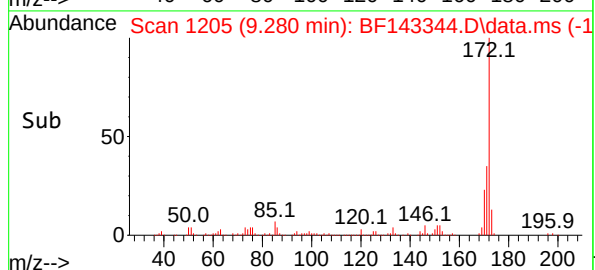
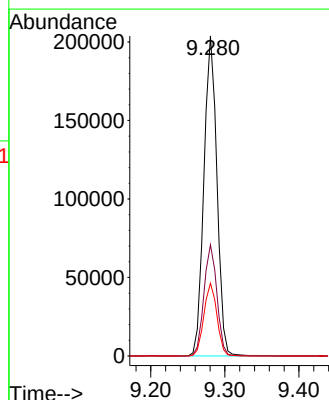
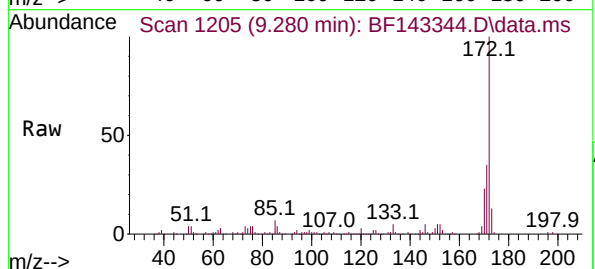
Tgt Ion:172 Resp: 249109

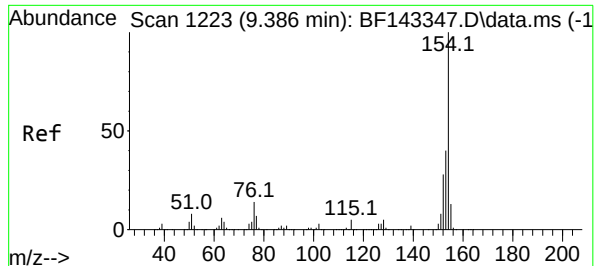
Ion Ratio Lower Upper

172 100

171 34.8 28.4 42.6

170 22.8 19.1 28.7





#46

1,1'-Biphenyl

Concen: 5.703 ng

RT: 9.380 min Scan# 1223

Delta R.T. -0.006 min

Lab File: BF143344.D

Acq: 12 Aug 2025 09:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

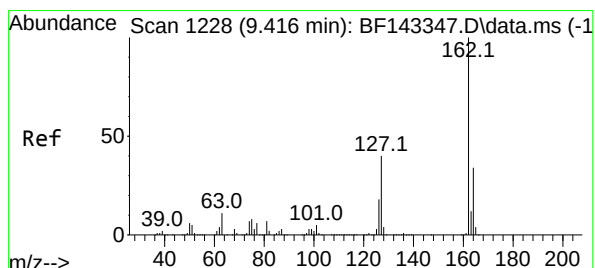
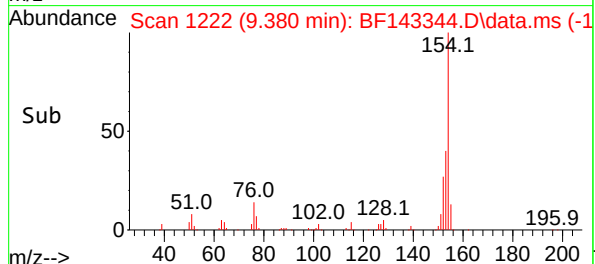
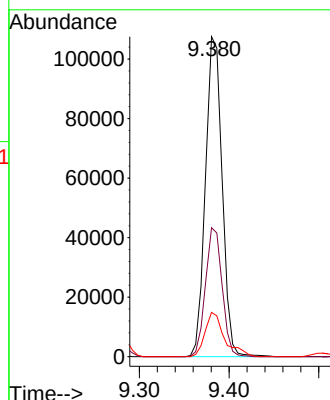
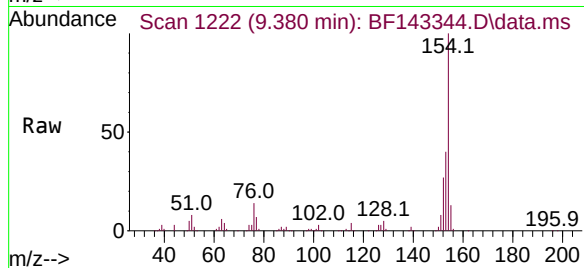
Tgt Ion:154 Resp: 139115

Ion Ratio Lower Upper

154 100

153 40.3 20.2 60.2

76 13.9 0.0 34.4



#47

2-Chloronaphthalene

Concen: 5.459 ng

RT: 9.410 min Scan# 1227

Delta R.T. -0.006 min

Lab File: BF143344.D

Acq: 12 Aug 2025 09:34

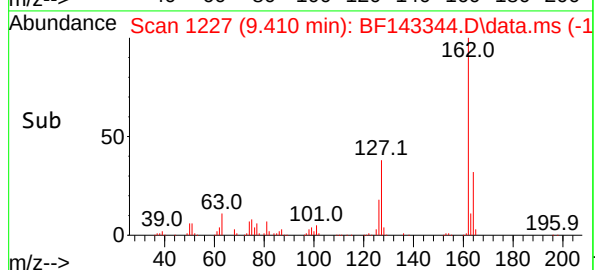
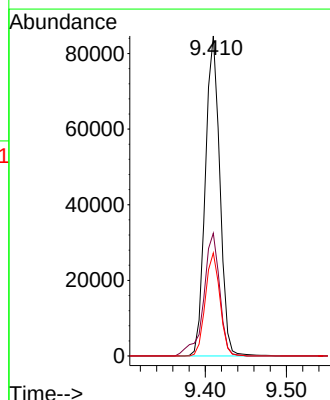
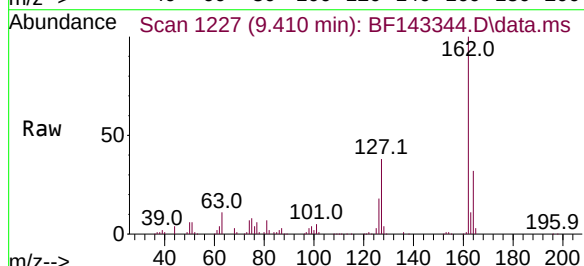
Tgt Ion:162 Resp: 104874

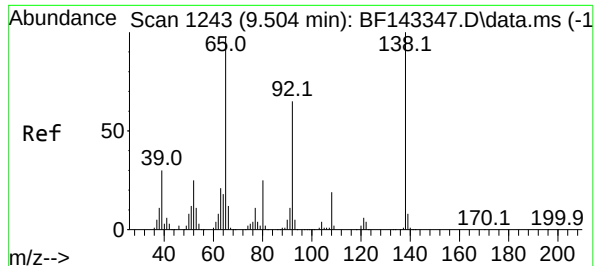
Ion Ratio Lower Upper

162 100

127 38.3 32.1 48.1

164 32.2 27.0 40.4

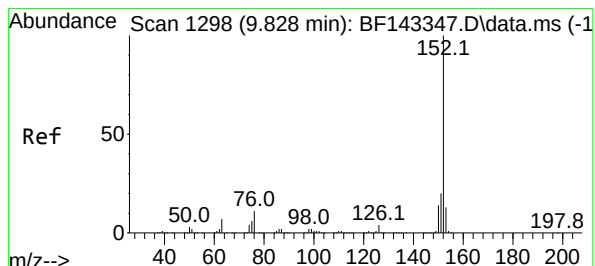
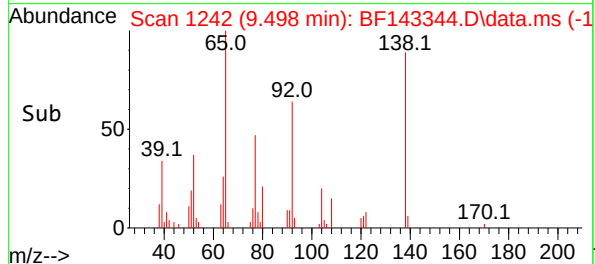
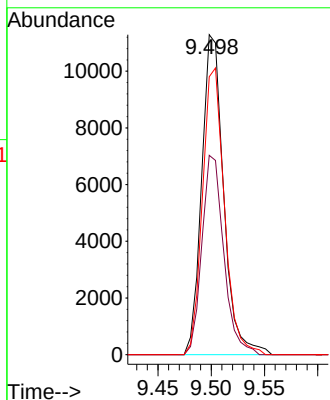
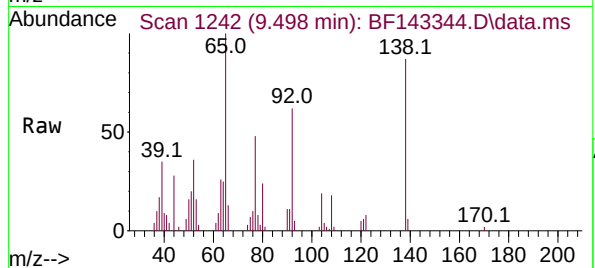




#48
2-Nitroaniline
Concen: 5.521 ng
RT: 9.498 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

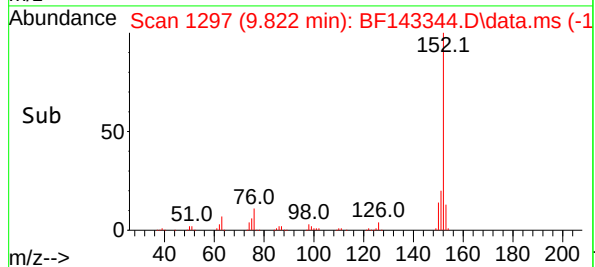
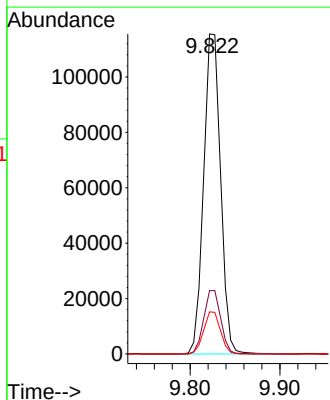
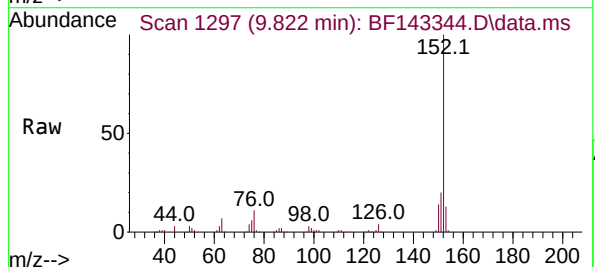
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

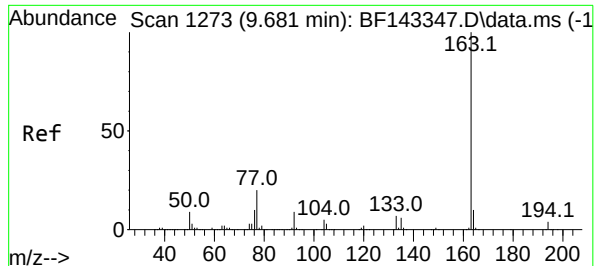
Tgt Ion: 65 Resp: 16200
Ion Ratio Lower Upper
65 100
92 62.3 53.1 79.7
138 86.9 81.4 122.0



#49
Acenaphthylene
Concen: 5.467 ng
RT: 9.822 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Tgt Ion: 152 Resp: 151682
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.2
153 13.1 10.6 16.0





#50

Dimethylphthalate

Concen: 4.962 ng

RT: 9.675 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143344.D

Acq: 12 Aug 2025 09:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

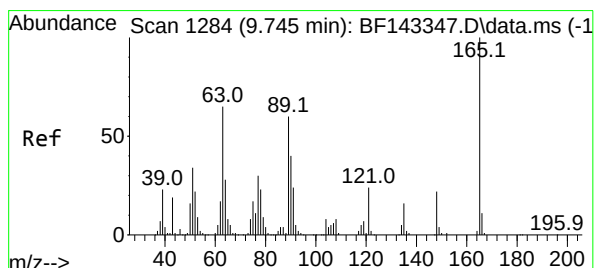
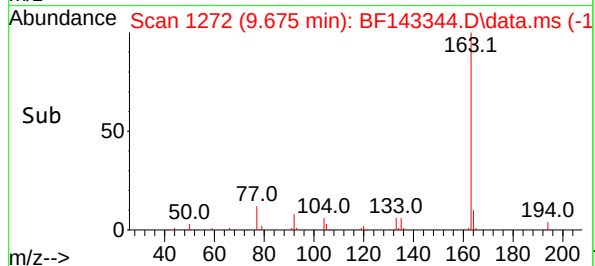
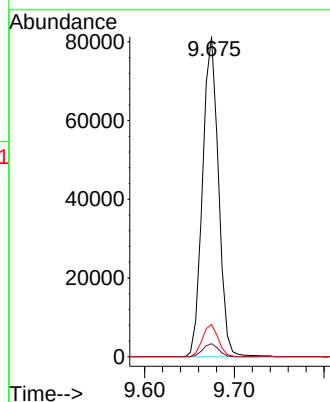
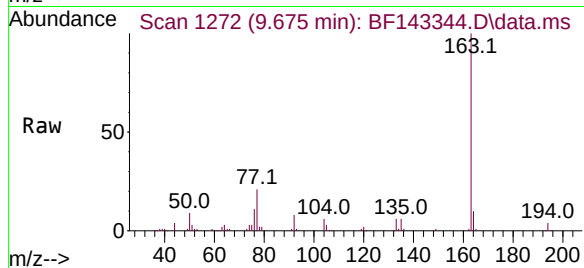
Tgt Ion:163 Resp: 100034

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.0 8.2 12.2



#51

2,6-Dinitrotoluene

Concen: 5.607 ng

RT: 9.739 min Scan# 1283

Delta R.T. -0.006 min

Lab File: BF143344.D

Acq: 12 Aug 2025 09:34

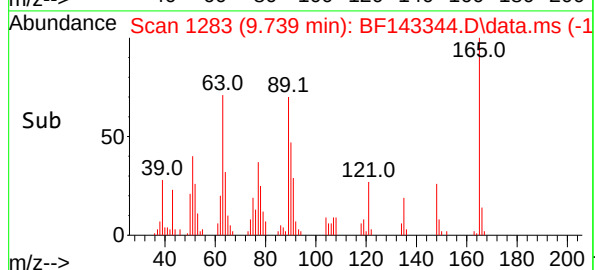
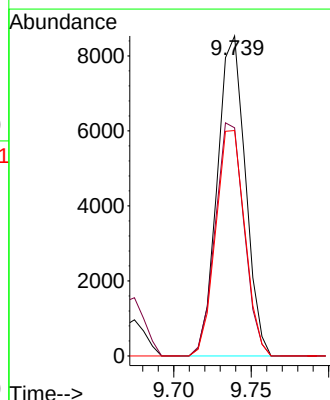
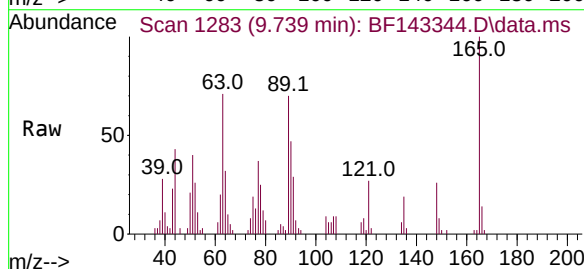
Tgt Ion:165 Resp: 10751

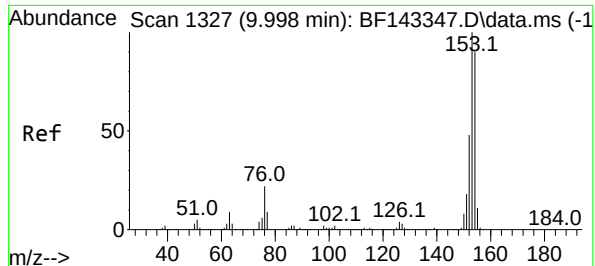
Ion Ratio Lower Upper

165 100

63 71.3 51.6 77.4

89 70.4 47.7 71.5

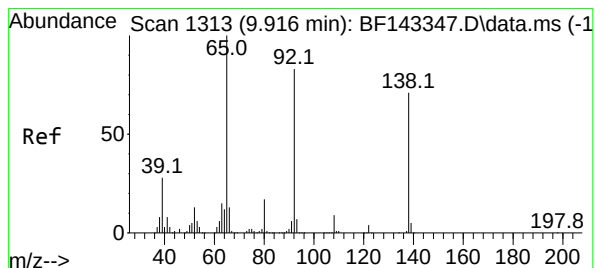
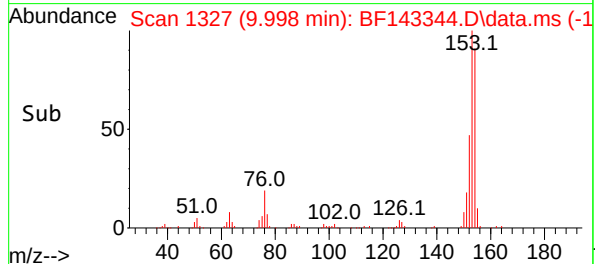
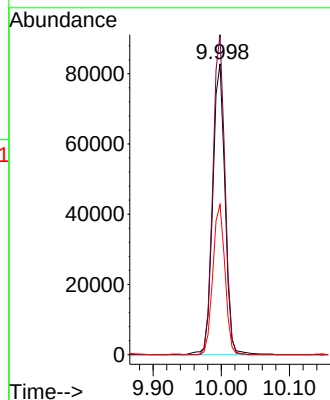
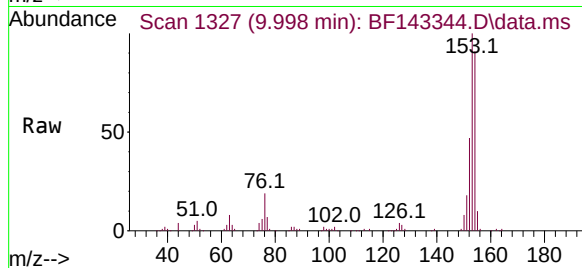




#52
Acenaphthene
Concen: 5.651 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

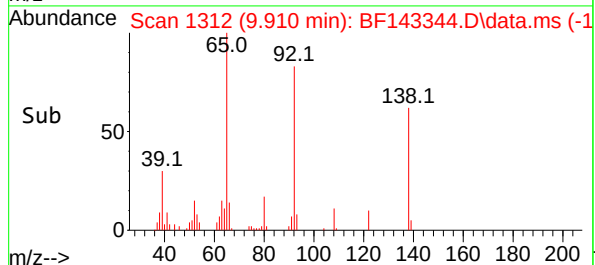
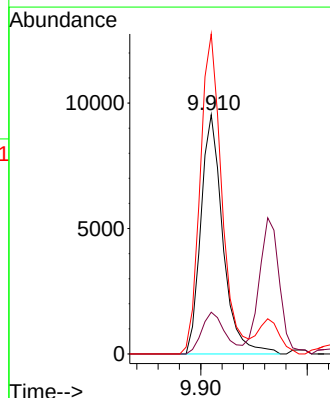
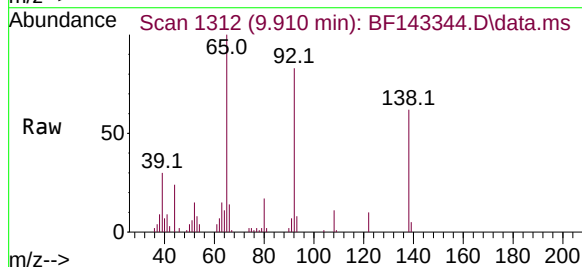
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

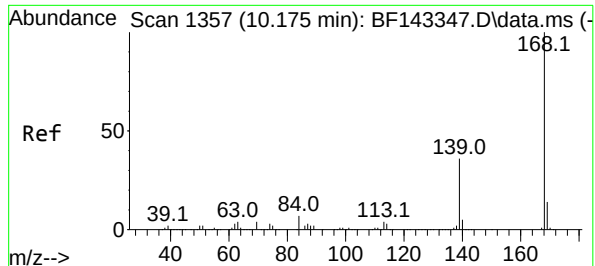
Tgt Ion:154 Resp: 104223
Ion Ratio Lower Upper
154 100
153 110.0 88.5 132.7
152 51.6 42.4 63.6



#53
3-Nitroaniline
Concen: 3.319 ng
RT: 9.910 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Tgt Ion:138 Resp: 13704
Ion Ratio Lower Upper
138 100
108 17.5 9.6 14.4#
92 133.8 93.4 140.2

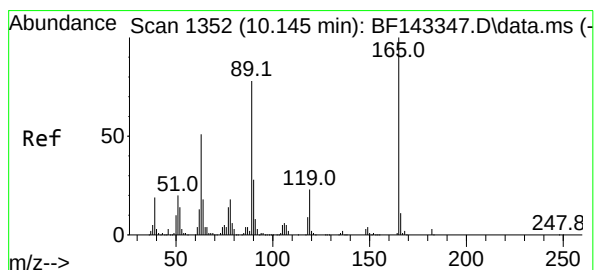
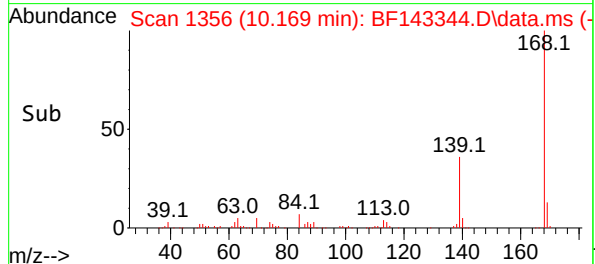
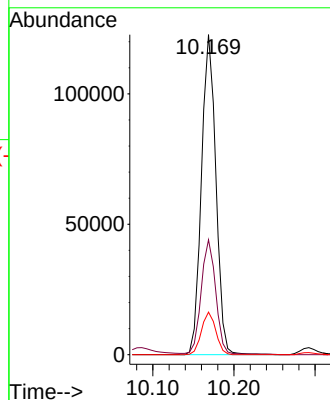
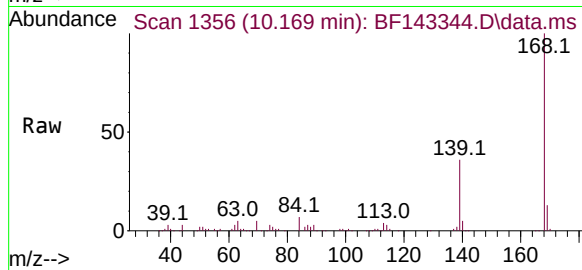




#55
Dibenzenofuran
Concen: 5.708 ng
RT: 10.169 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

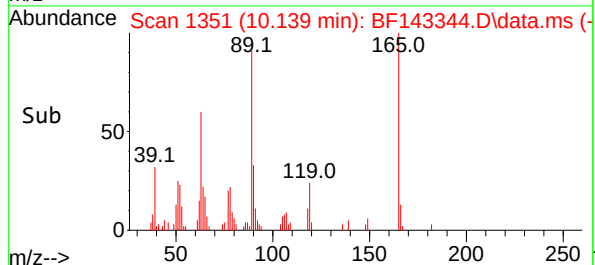
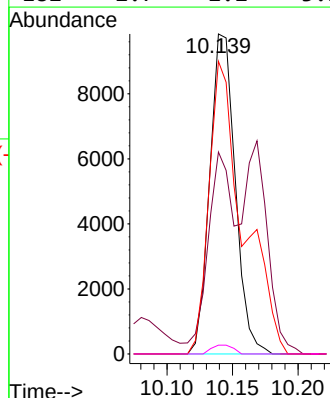
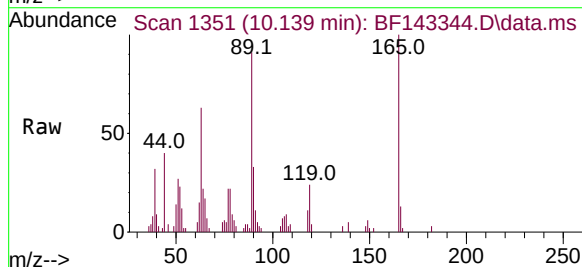
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

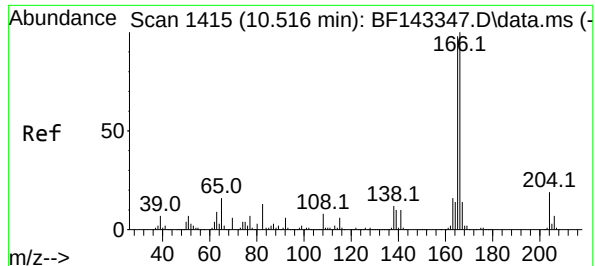
Tgt Ion:168 Resp: 151524
Ion Ratio Lower Upper
168 100
139 35.9 29.4 44.0
169 13.3 11.0 16.6



#57
2,4-Dinitrotoluene
Concen: 5.473 ng
RT: 10.139 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Tgt Ion:165 Resp: 13285
Ion Ratio Lower Upper
165 100
63 63.1 41.8 62.8#
89 91.5 62.4 93.6
182 2.7 2.2 3.2

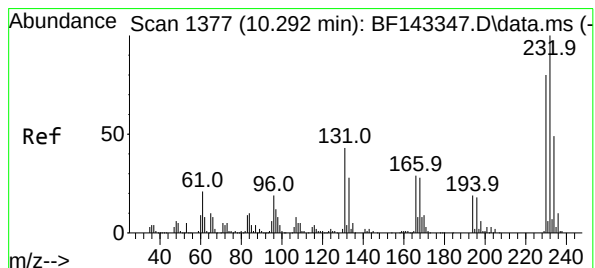
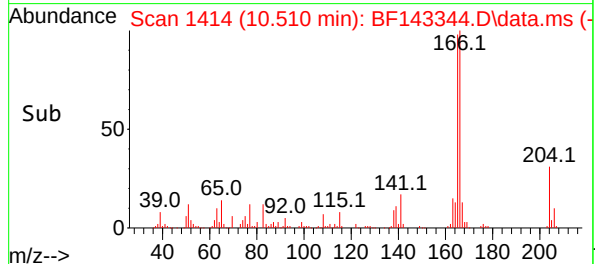
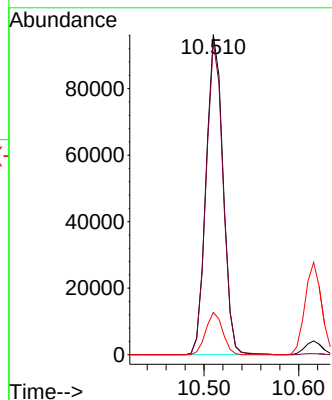
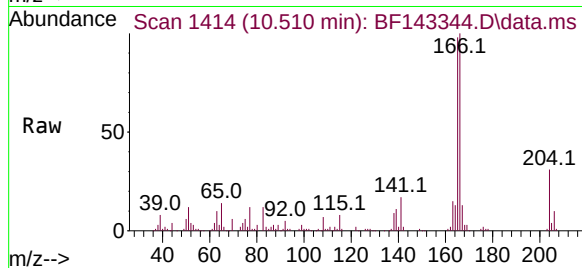




#58
Fluorene
Concen: 5.875 ng
RT: 10.510 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

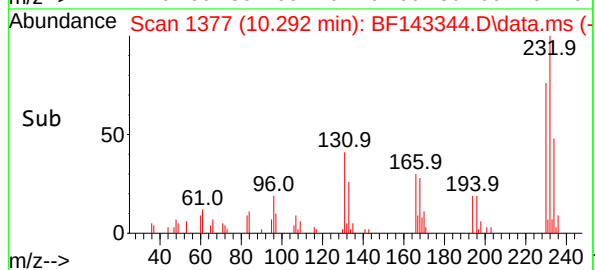
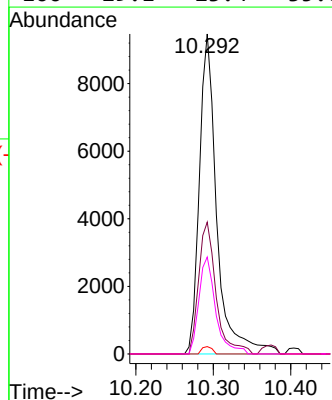
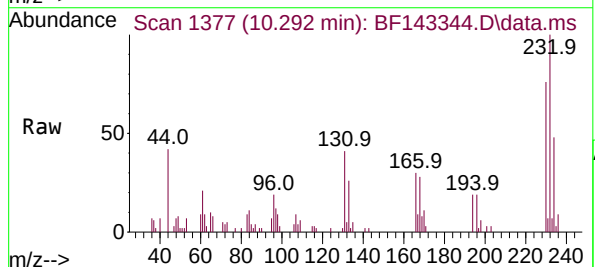
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

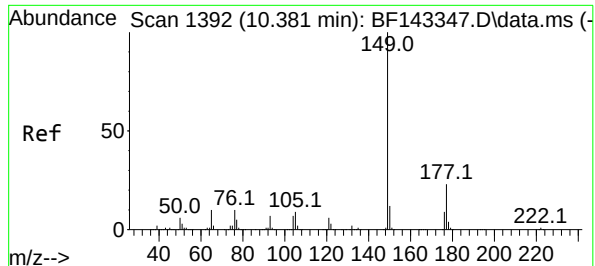
Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.2	117.4
167	13.2	10.9	16.3



#59
2,3,4,6-Tetrachlorophenol
Concen: 3.628 ng
RT: 10.292 min Scan# 1377
Delta R.T. -0.000 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Tgt Ion	Ratio	Lower	Upper
232	100		
131	41.2	34.6	51.8
130	1.3	1.7	2.5#
166	29.1	23.4	35.0





#60

Diethylphthalate

Concen: 4.831 ng

RT: 10.375 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143344.D

Acq: 12 Aug 2025 09:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

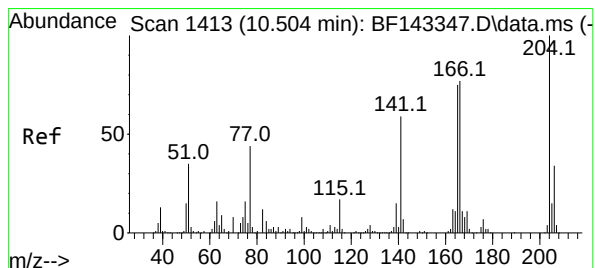
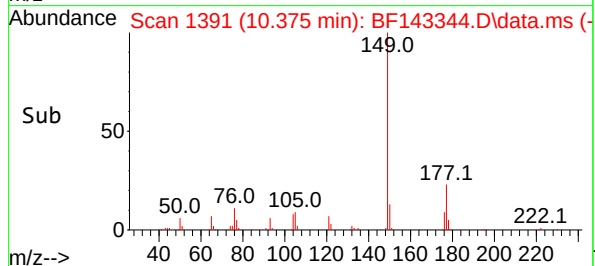
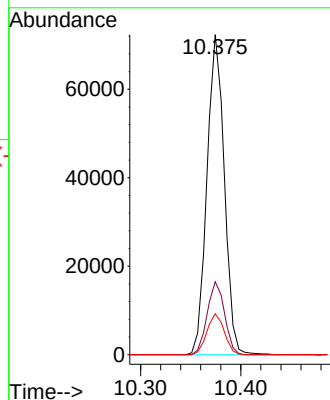
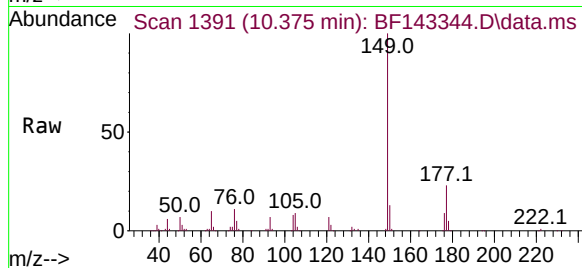
Tgt Ion:149 Resp: 87234

Ion Ratio Lower Upper

149 100

177 22.8 18.2 27.2

150 12.8 9.9 14.9



#61

4-Chlorophenyl-phenylether

Concen: 5.677 ng

RT: 10.504 min Scan# 1413

Delta R.T. -0.000 min

Lab File: BF143344.D

Acq: 12 Aug 2025 09:34

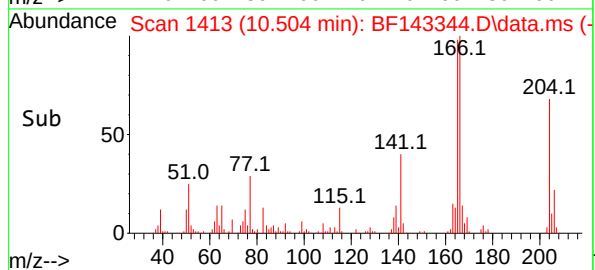
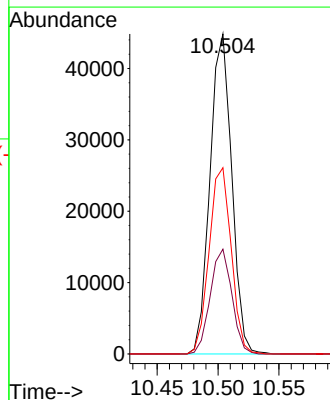
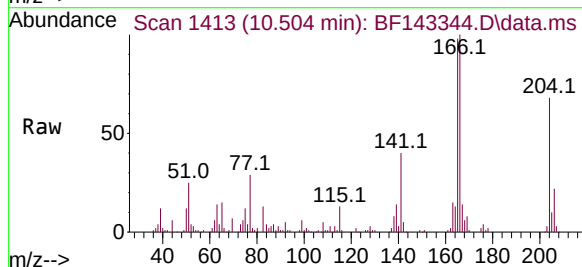
Tgt Ion:204 Resp: 55620

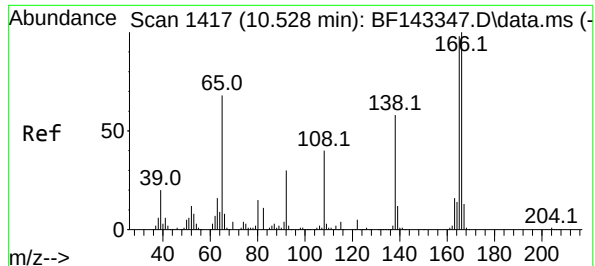
Ion Ratio Lower Upper

204 100

206 32.7 27.4 41.2

141 58.2 46.9 70.3

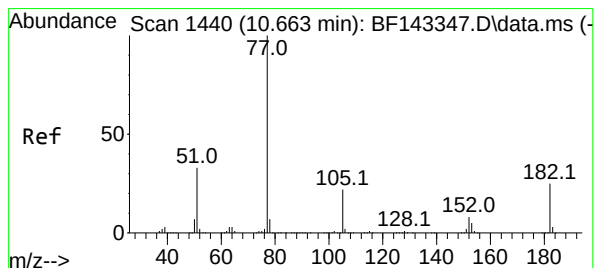
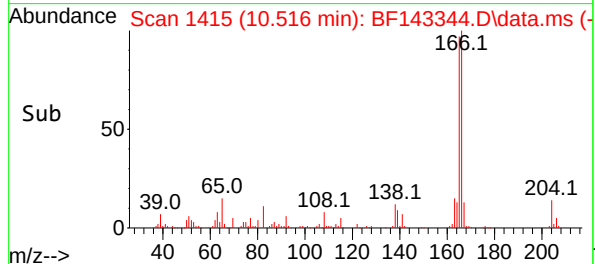
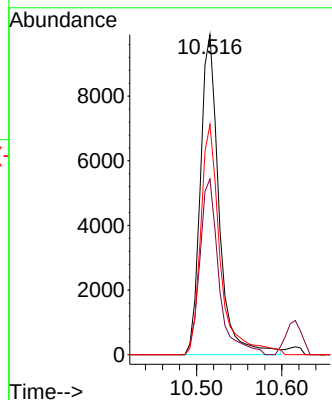
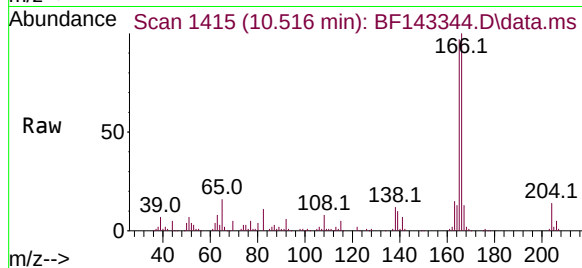




#62
4-Nitroaniline
Concen: 3.762 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

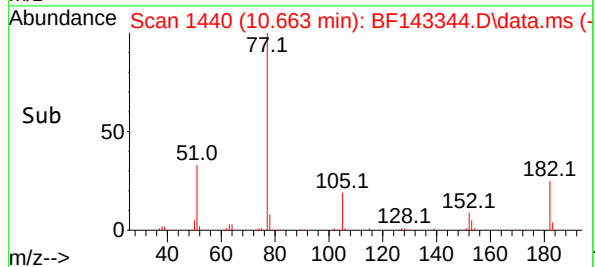
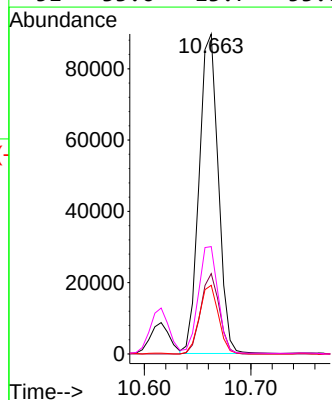
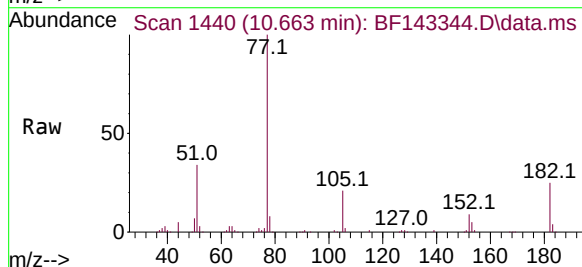
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

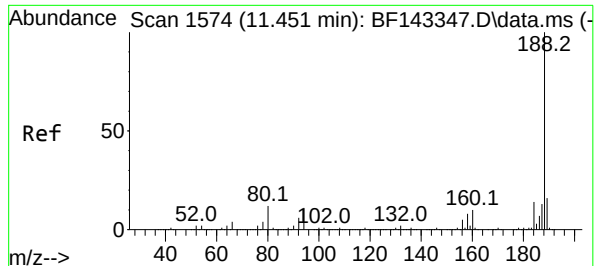
Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.9	31.2	71.2
108	72.0	48.1	88.1



#63
Azobenzene
Concen: 5.445 ng
RT: 10.663 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.1	4.4	44.4
105	21.4	1.8	41.8
51	33.6	13.7	53.7

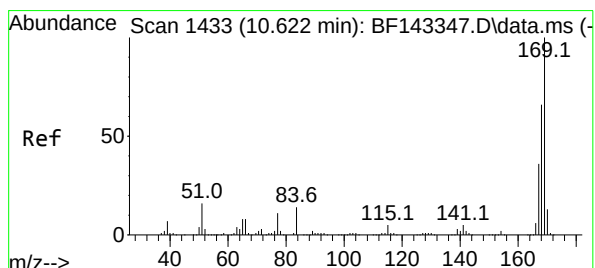
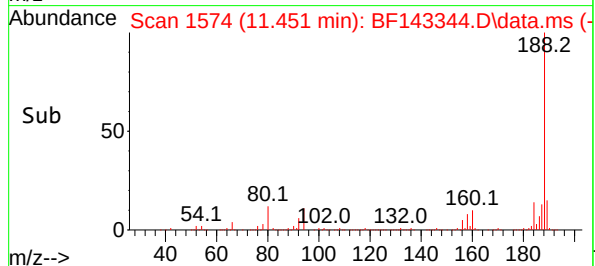
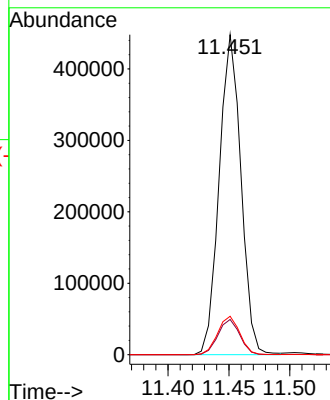
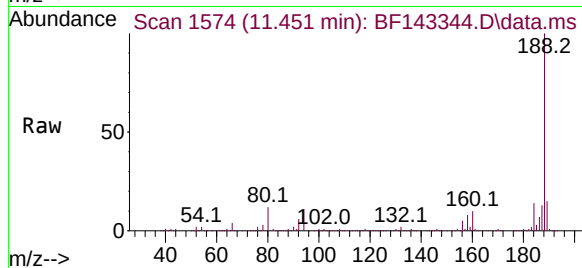




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

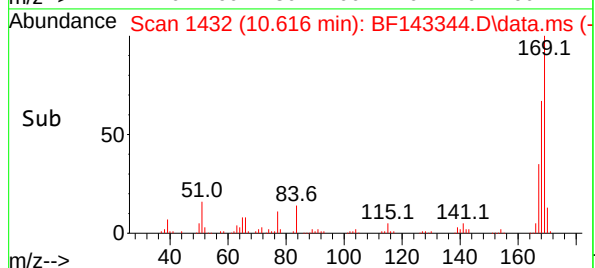
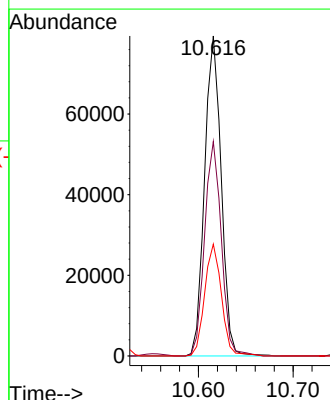
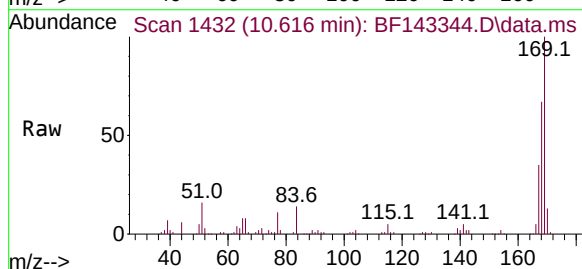
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

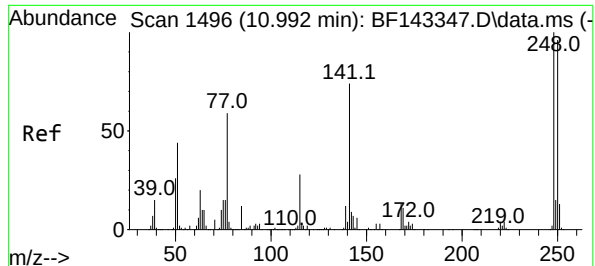
Tgt Ion:188 Resp: 557349
Ion Ratio Lower Upper
188 100
94 11.0 8.8 13.2
80 12.0 9.7 14.5



#66
n-Nitrosodiphenylamine
Concen: 5.263 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Tgt Ion:169 Resp: 96579
Ion Ratio Lower Upper
169 100
168 67.0 52.7 79.1
167 35.0 28.6 42.8

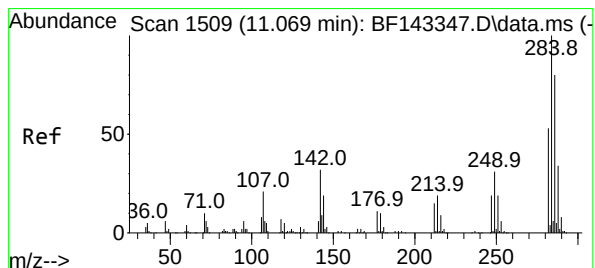
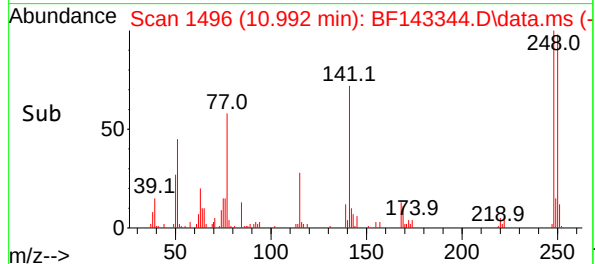
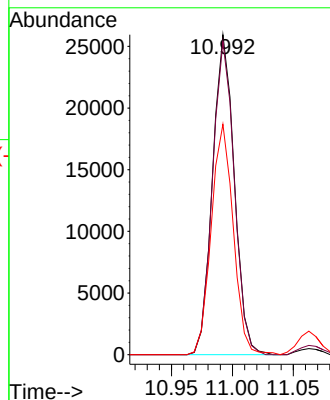
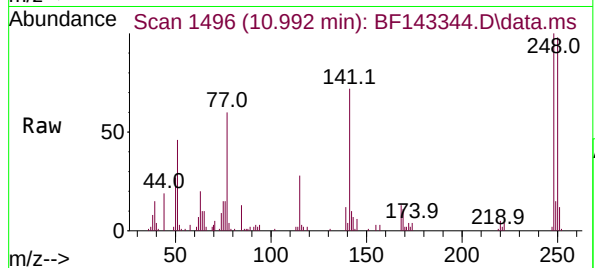




#67
4-Bromophenyl-phenylether
Concen: 5.063 ng
RT: 10.992 min Scan# 1496
Delta R.T. -0.000 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

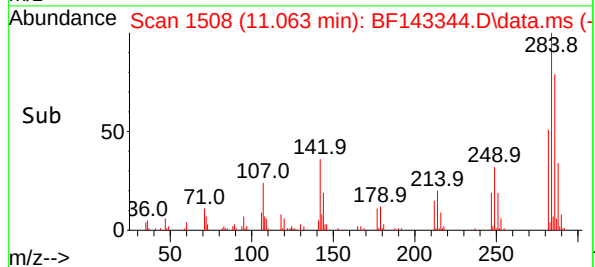
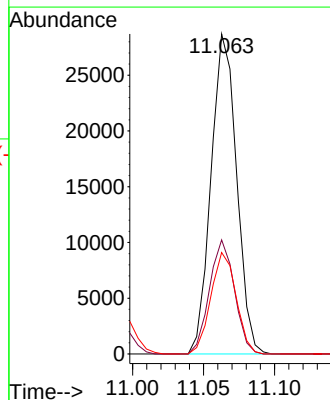
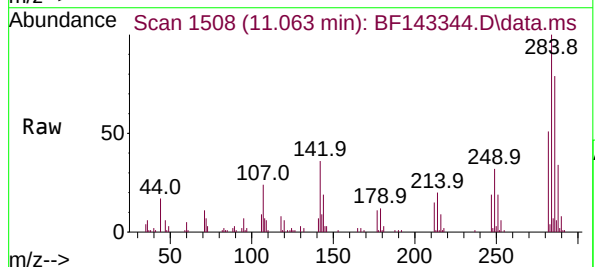
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

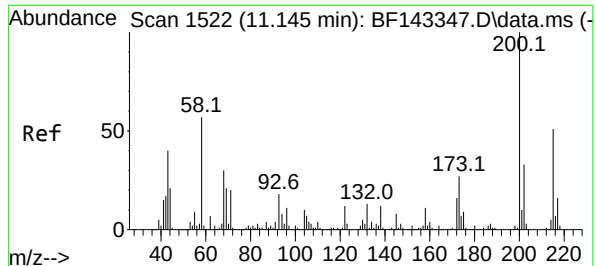
Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.9	77.1	115.7
141	72.0	59.1	88.7



#68
Hexachlorobenzene
Concen: 5.227 ng
RT: 11.063 min Scan# 1508
Delta R.T. -0.006 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.6	25.7	38.5
249	31.7	24.6	37.0





#69

Atrazine

Concen: 4.274 ng

RT: 11.139 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143344.D

Acq: 12 Aug 2025 09:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

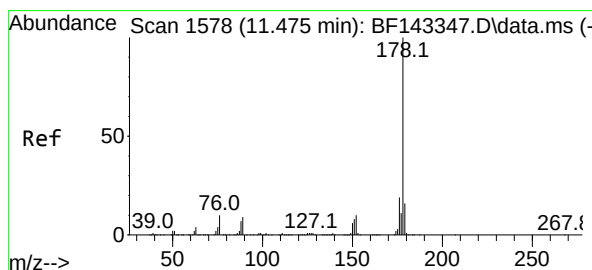
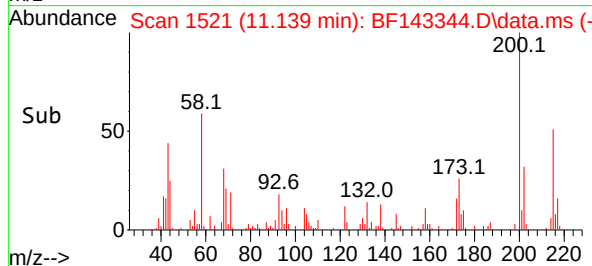
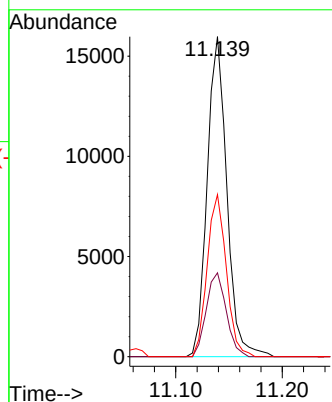
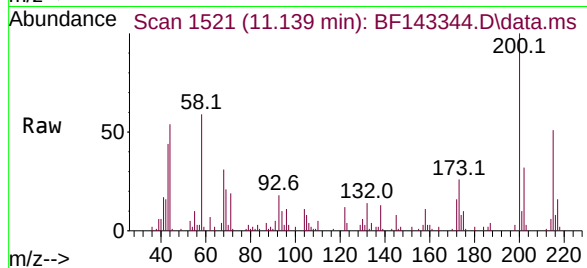
Tgt Ion:200 Resp: 20457

Ion Ratio Lower Upper

200 100

173 26.2 6.6 46.6

215 50.7 30.6 70.6



#71

Phenanthrene

Concen: 5.563 ng

RT: 11.474 min Scan# 1578

Delta R.T. -0.000 min

Lab File: BF143344.D

Acq: 12 Aug 2025 09:34

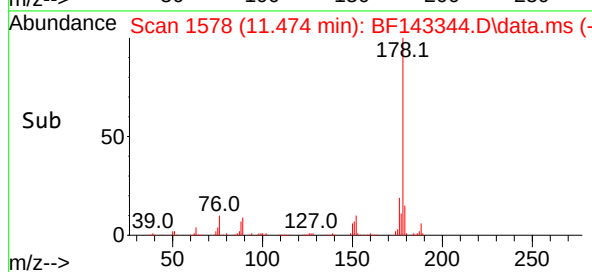
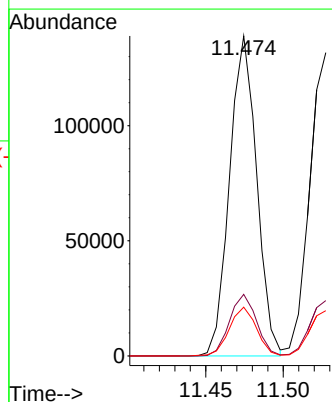
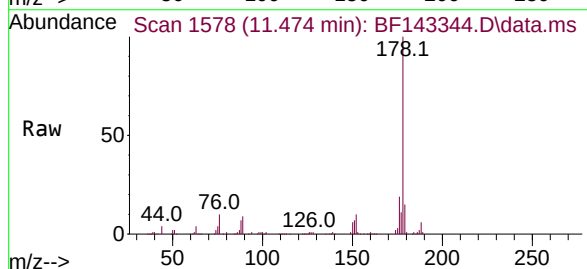
Tgt Ion:178 Resp: 169159

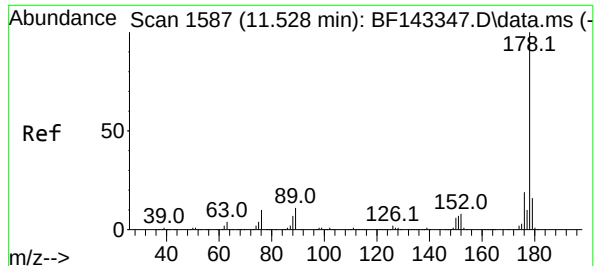
Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

179 15.2 12.5 18.7

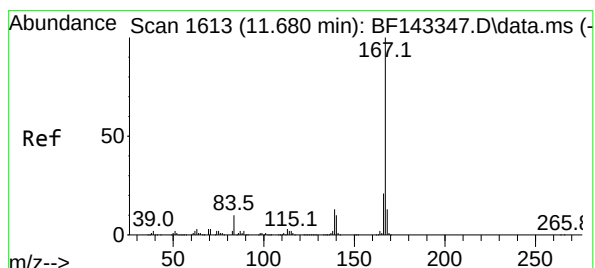
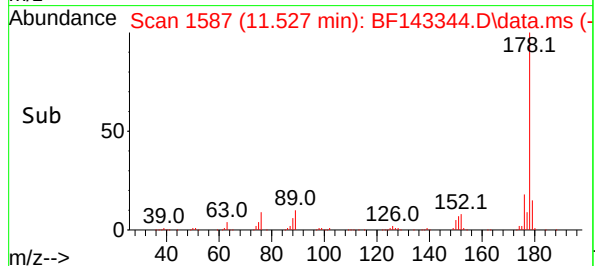
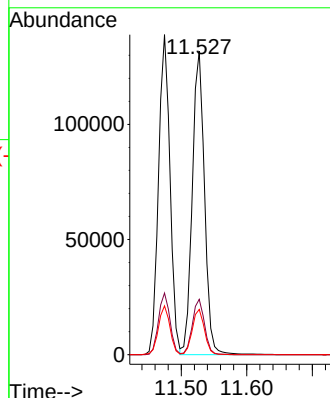
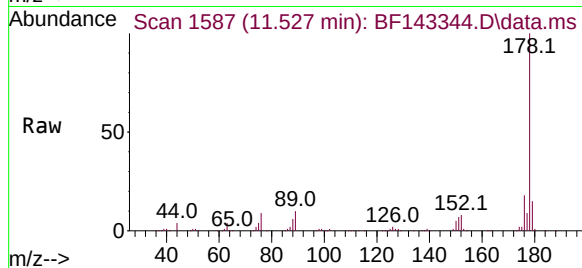




#72
Anthracene
Concen: 5.535 ng
RT: 11.527 min Scan# 11587
Delta R.T. -0.000 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

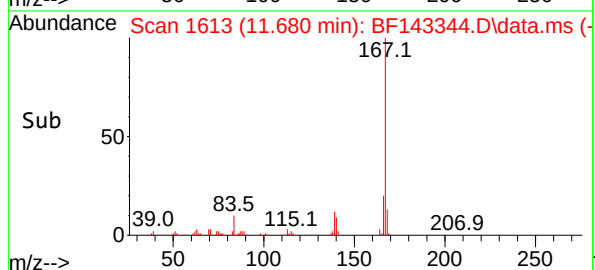
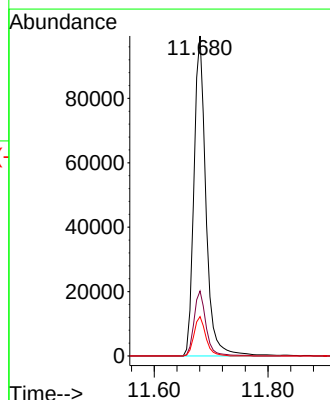
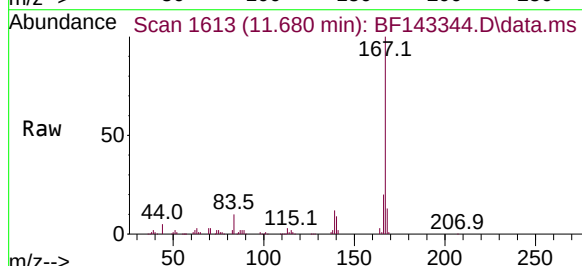
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

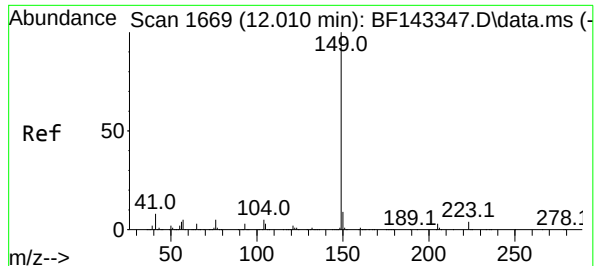
Tgt Ion:178 Resp: 170698
Ion Ratio Lower Upper
178 100
176 18.2 15.1 22.7
179 14.9 12.7 19.1



#73
Carbazole
Concen: 5.564 ng
RT: 11.680 min Scan# 1613
Delta R.T. -0.000 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Tgt Ion:167 Resp: 146129
Ion Ratio Lower Upper
167 100
166 20.3 16.8 25.2
139 12.3 10.2 15.2

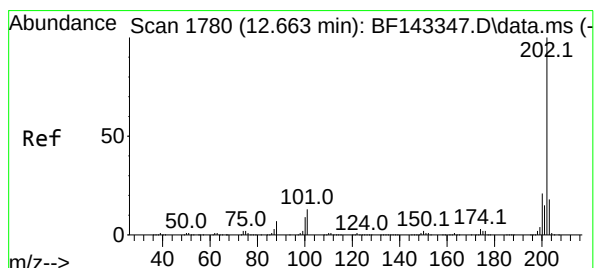
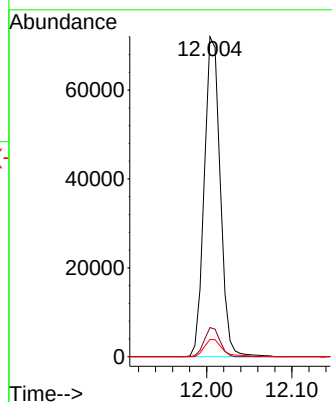
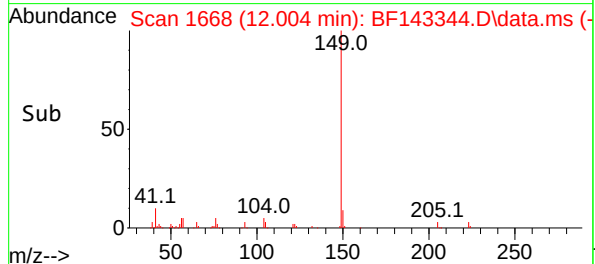
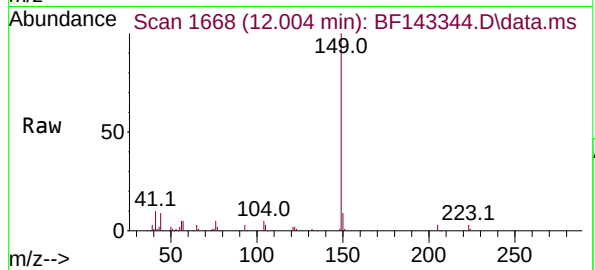




#74
Di-n-butylphthalate
Concen: 4.228 ng
RT: 12.004 min Scan# 1668
Delta R.T. -0.006 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

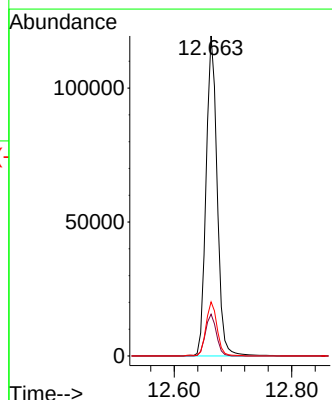
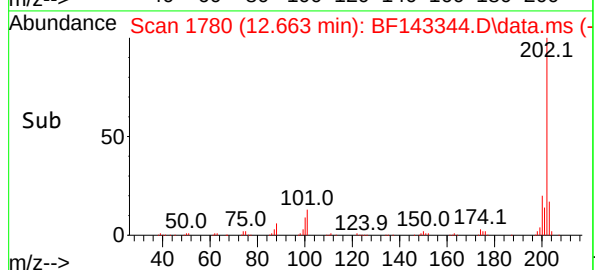
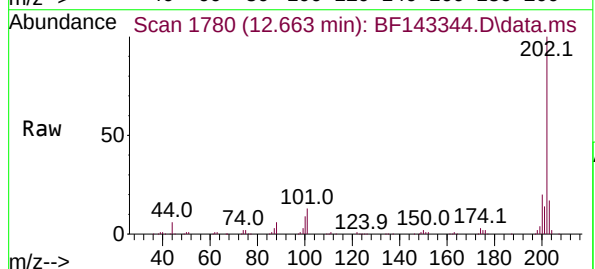
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

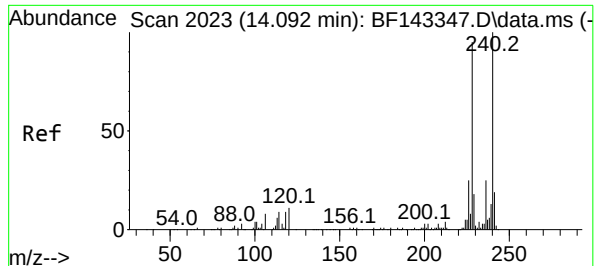
Tgt Ion:149 Resp: 93961
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 5.4 3.8 5.8



#75
Fluoranthene
Concen: 5.860 ng
RT: 12.663 min Scan# 1780
Delta R.T. -0.000 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Tgt Ion:202 Resp: 156101
Ion Ratio Lower Upper
202 100
101 13.0 0.0 33.2
203 16.9 0.0 37.6

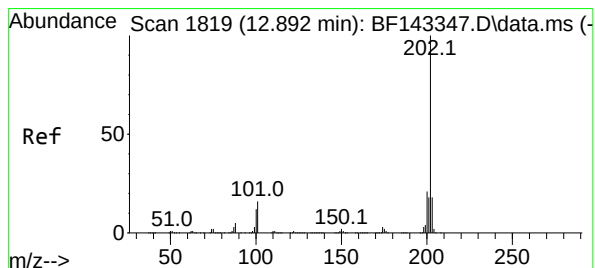
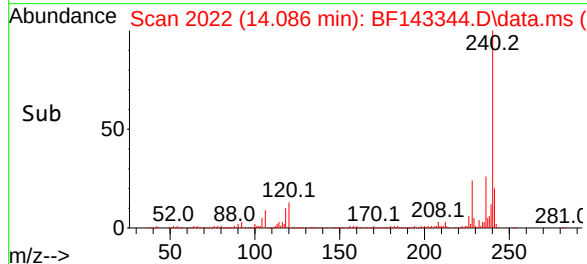
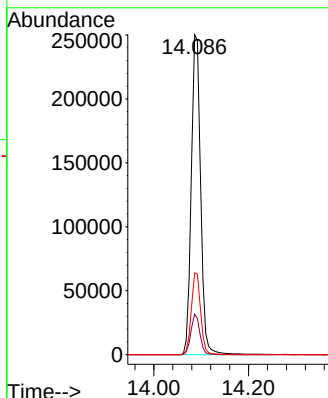
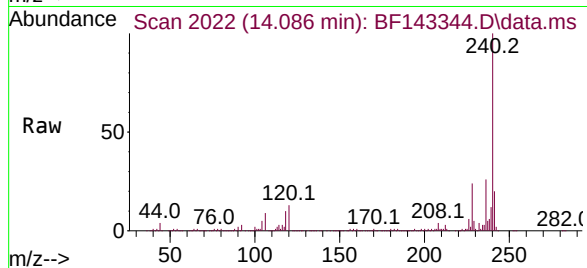




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

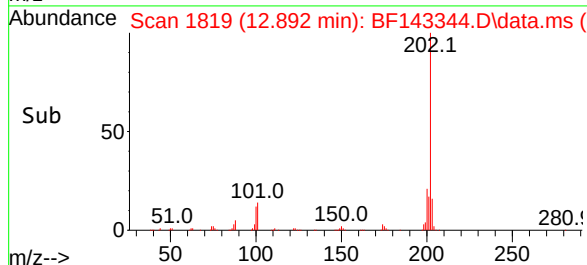
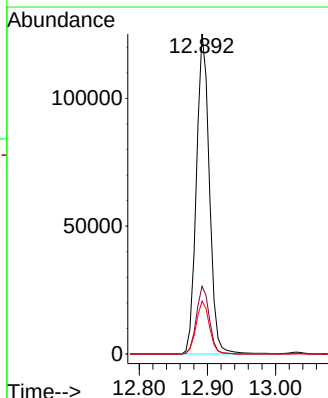
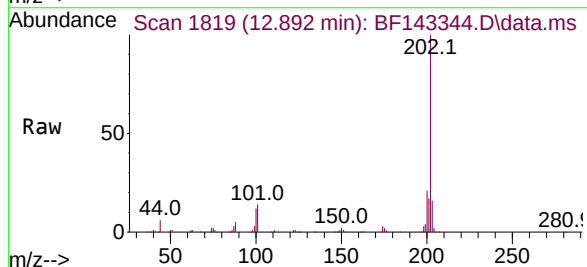
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

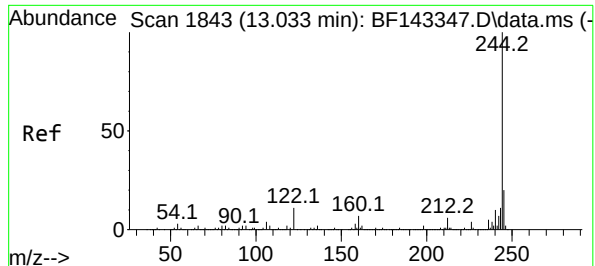
Tgt Ion:240 Resp: 344394
Ion Ratio Lower Upper
240 100
120 12.6 9.0 13.6
236 25.5 19.9 29.9



#78
Pyrene
Concen: 5.733 ng
RT: 12.892 min Scan# 1819
Delta R.T. -0.000 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Tgt Ion:202 Resp: 165633
Ion Ratio Lower Upper
202 100
200 21.1 16.8 25.2
203 16.5 14.2 21.4

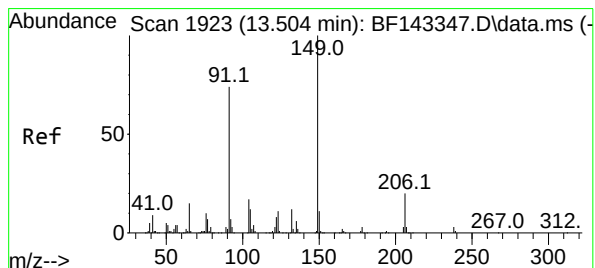
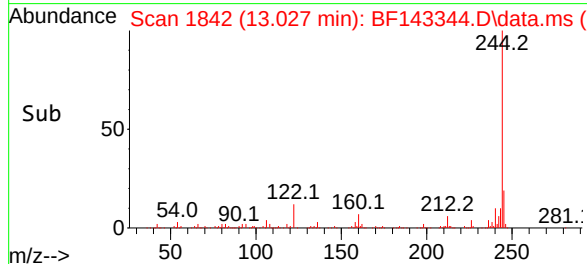
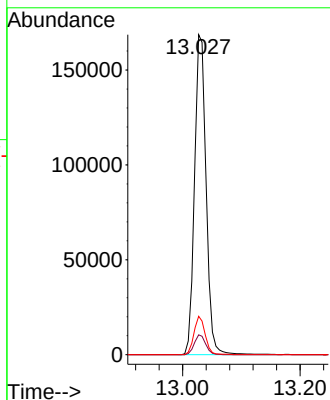
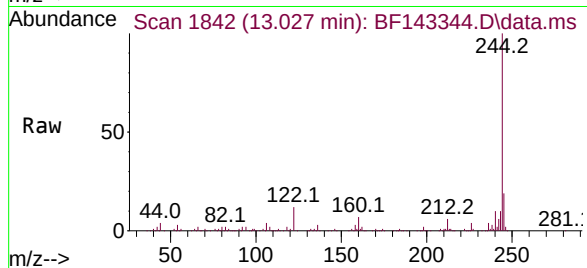




#79
Terphenyl-d14
Concen: 11.938 ng
RT: 13.027 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

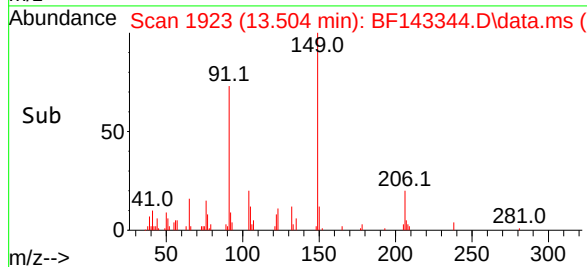
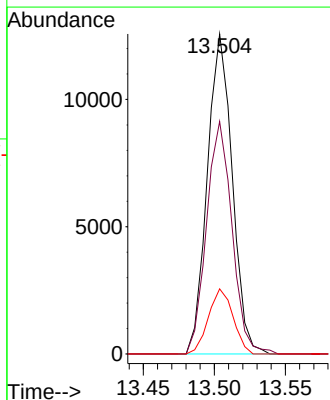
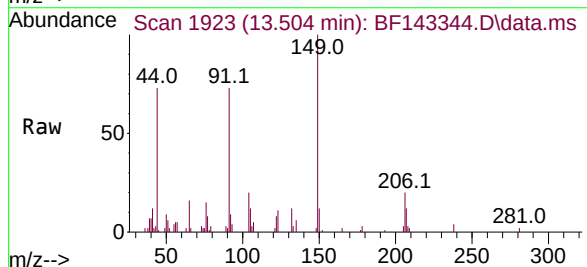
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

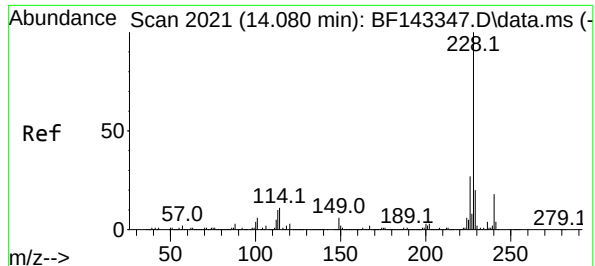
Tgt Ion:244 Resp: 230289
Ion Ratio Lower Upper
244 100
212 6.2 5.1 7.7
122 12.0 8.9 13.3



#80
Butylbenzylphthalate
Concen: 5.856 ng
RT: 13.504 min Scan# 1923
Delta R.T. -0.000 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Tgt Ion:149 Resp: 15374
Ion Ratio Lower Upper
149 100
91 72.7 58.8 88.2
206 20.3 16.4 24.6

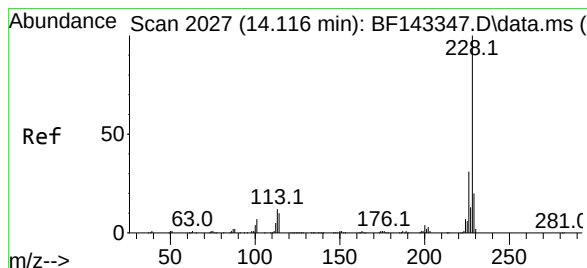
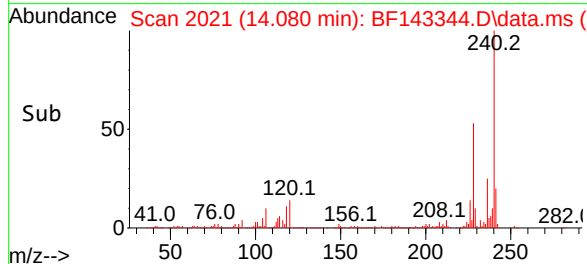
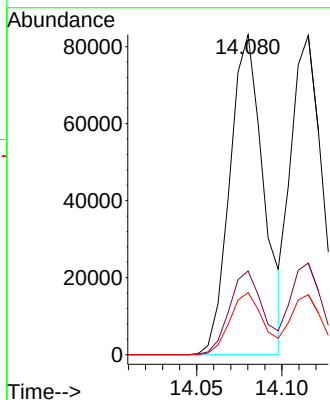
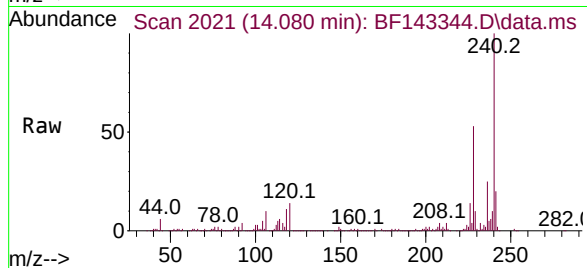




#81
Benzo(a)anthracene
Concen: 5.250 ng
RT: 14.080 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

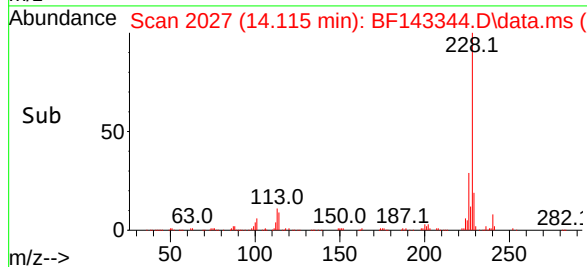
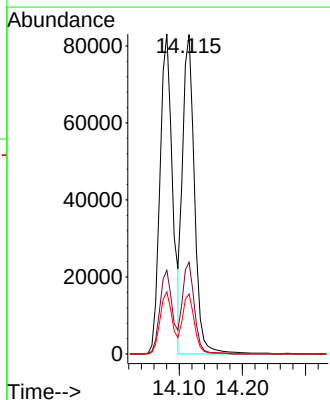
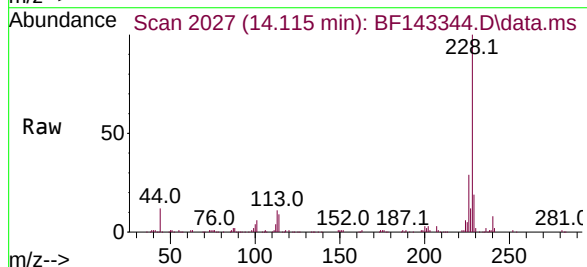
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

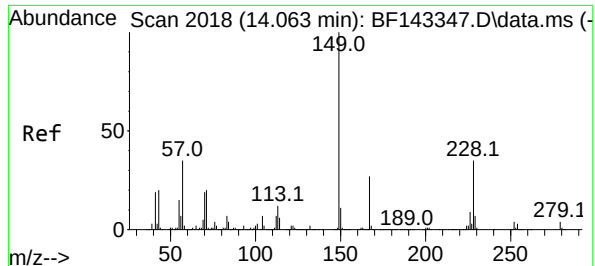
Tgt Ion:228 Resp: 114909
Ion Ratio Lower Upper
228 100
226 26.1 22.0 33.0
229 19.4 15.8 23.8



#83
Chrysene
Concen: 5.357 ng
RT: 14.115 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Tgt Ion:228 Resp: 109349
Ion Ratio Lower Upper
228 100
226 28.7 24.2 36.2
229 18.8 15.8 23.6

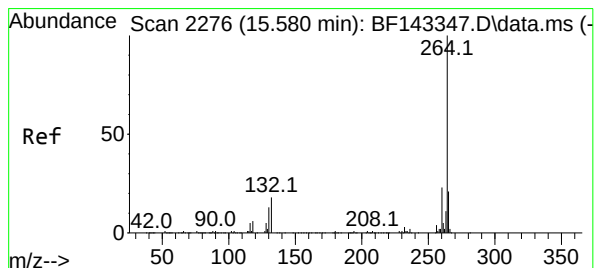
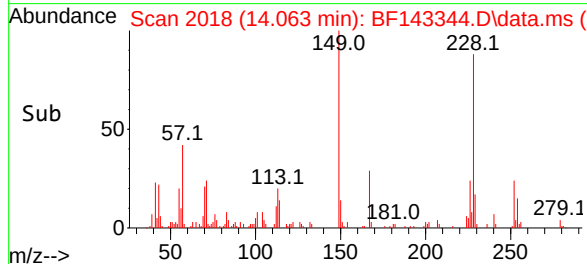
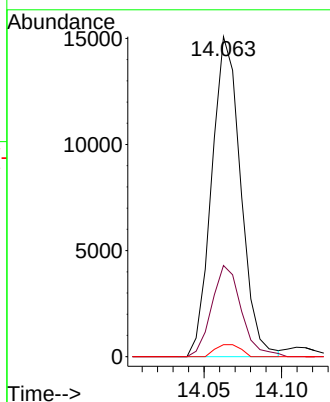
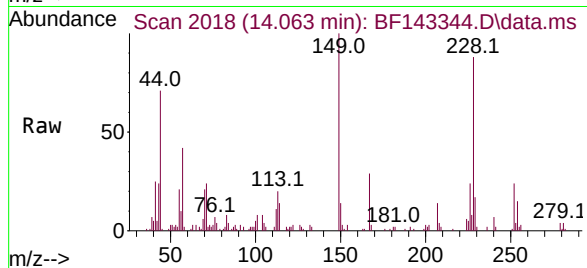




#84
Bis(2-ethylhexyl)phthalate
Concen: 6.133 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

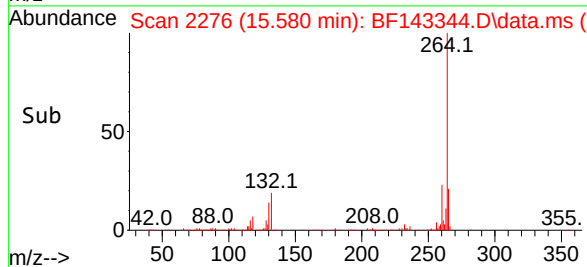
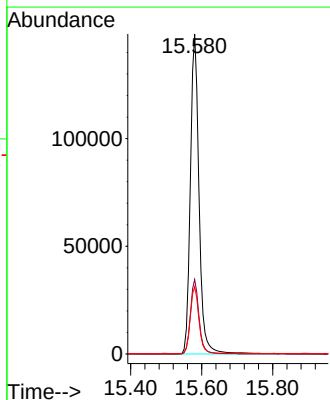
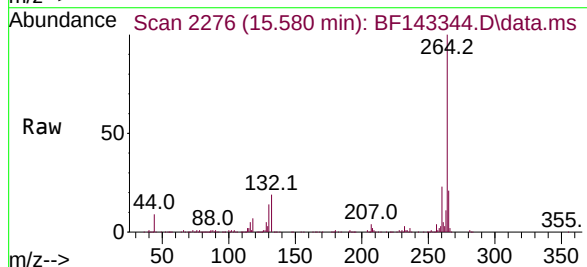
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

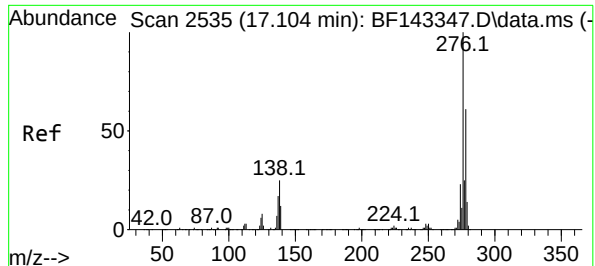
Tgt Ion:149 Resp: 19633
Ion Ratio Lower Upper
149 100
167 28.5 21.4 32.0
279 3.7 3.2 4.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2276
Delta R.T. -0.000 min
Lab File: BF143344.D
Acq: 12 Aug 2025 09:34

Tgt Ion:264 Resp: 252587
Ion Ratio Lower Upper
264 100
260 23.2 18.7 28.1
265 21.0 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.890 ng

RT: 17.098 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143344.D

Acq: 12 Aug 2025 09:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

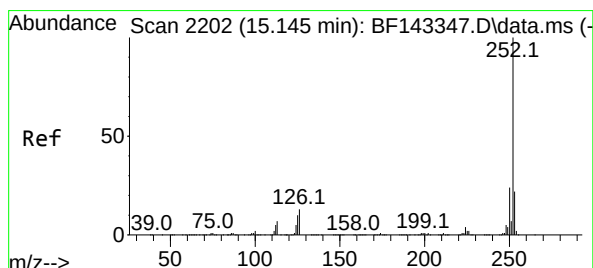
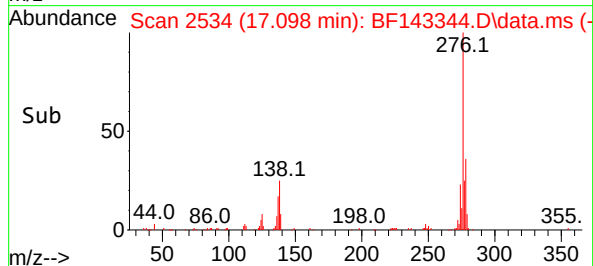
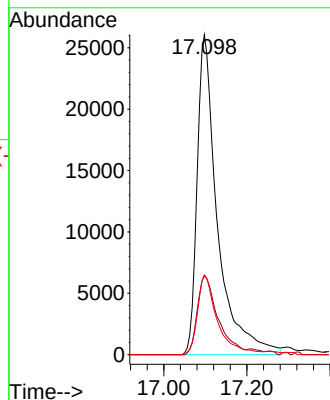
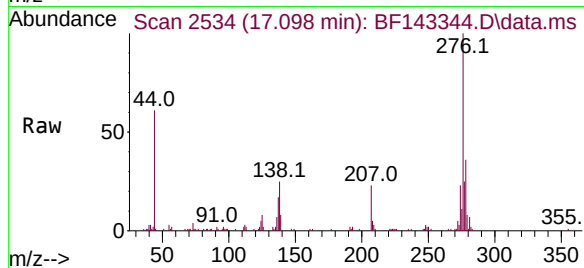
Tgt Ion:276 Resp: 88484

Ion Ratio Lower Upper

276 100

138 25.3 21.1 31.7

277 24.4 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 5.359 ng

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: BF143344.D

Acq: 12 Aug 2025 09:34

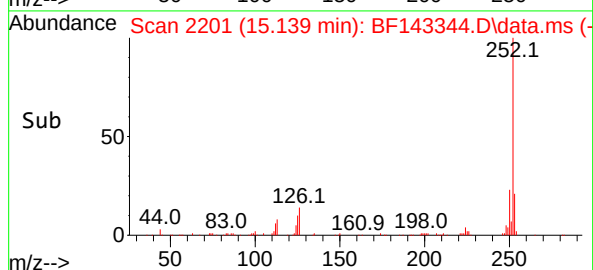
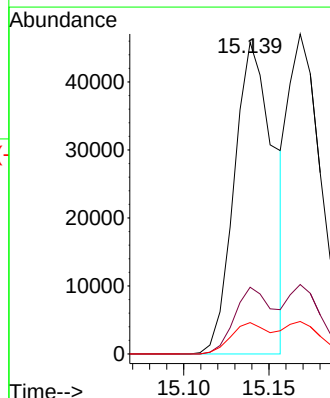
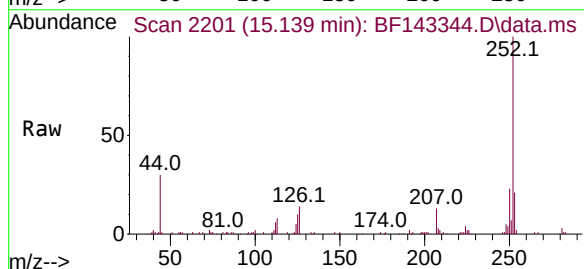
Tgt Ion:252 Resp: 74031

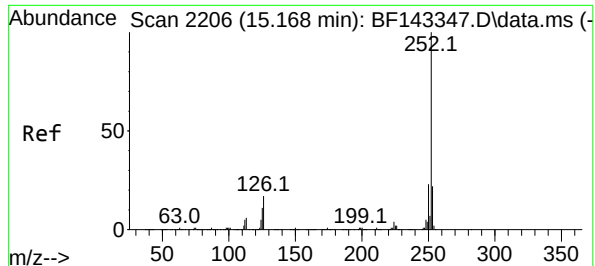
Ion Ratio Lower Upper

252 100

253 21.4 17.8 26.8

125 10.1 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 5.006 ng

RT: 15.168 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF143344.D

Acq: 12 Aug 2025 09:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

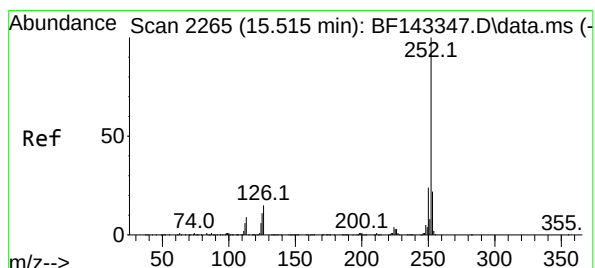
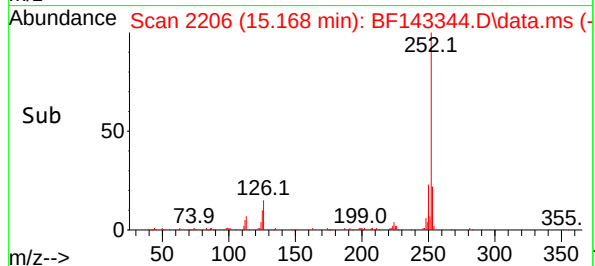
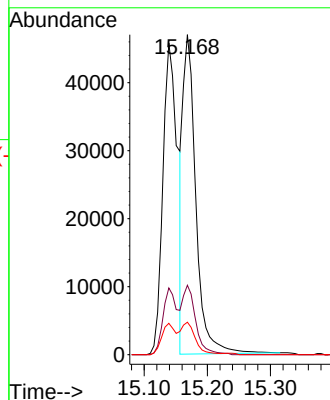
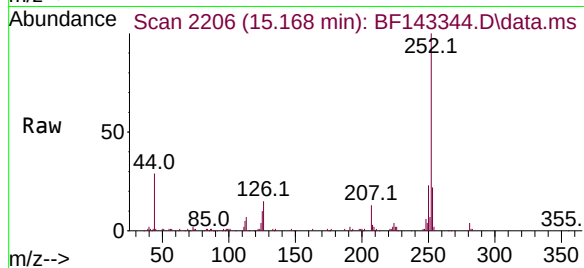
Tgt Ion:252 Resp: 67207

Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

125 10.2 8.4 12.6



#90

Benzo(a)pyrene

Concen: 5.089 ng

RT: 15.515 min Scan# 2265

Delta R.T. -0.000 min

Lab File: BF143344.D

Acq: 12 Aug 2025 09:34

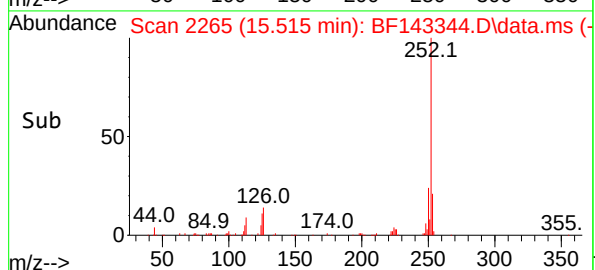
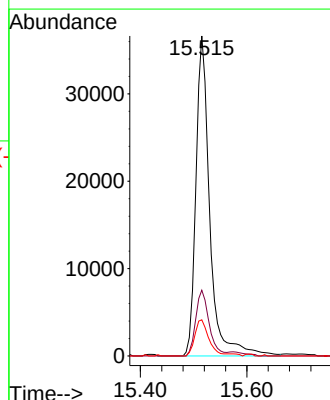
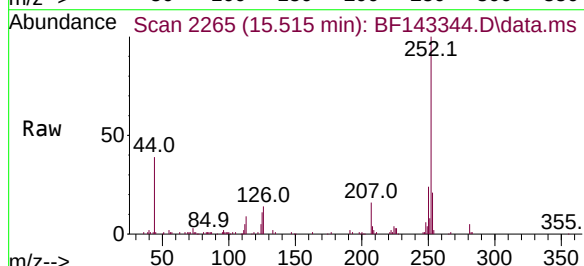
Tgt Ion:252 Resp: 66211

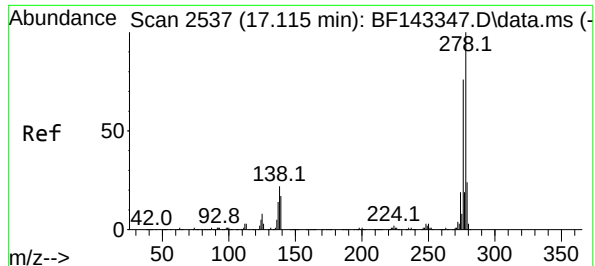
Ion Ratio Lower Upper

252 100

253 20.5 17.6 26.4

125 11.3 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 4.933 ng

RT: 17.115 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF143344.D

Acq: 12 Aug 2025 09:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

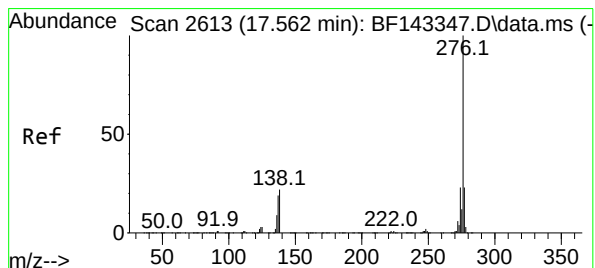
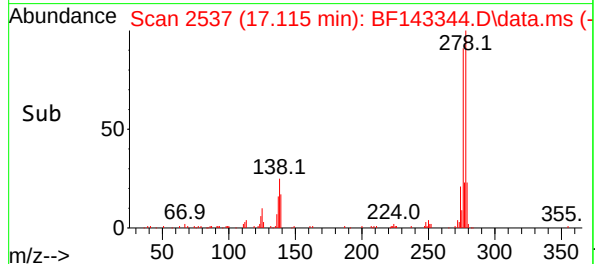
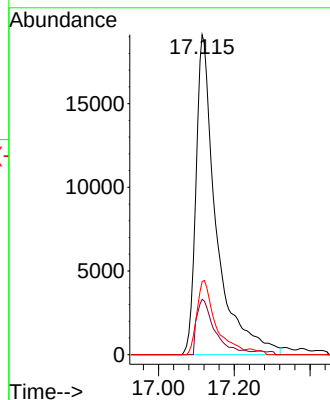
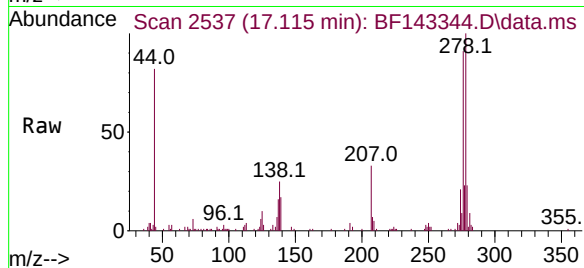
Tgt Ion:278 Resp: 71319

Ion Ratio Lower Upper

278 100

139 17.3 14.0 21.0

279 22.9 19.4 29.0



#92

Benzo(g,h,i)perylene

Concen: 4.806 ng

RT: 17.551 min Scan# 2611

Delta R.T. -0.012 min

Lab File: BF143344.D

Acq: 12 Aug 2025 09:34

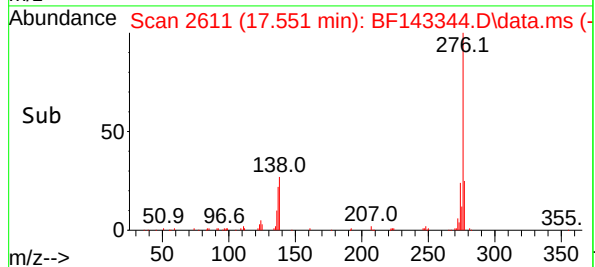
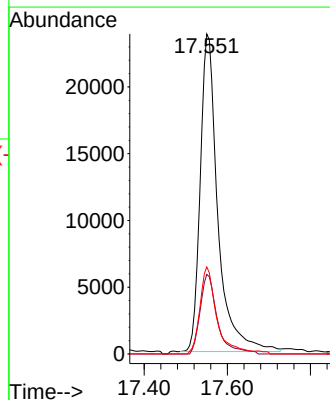
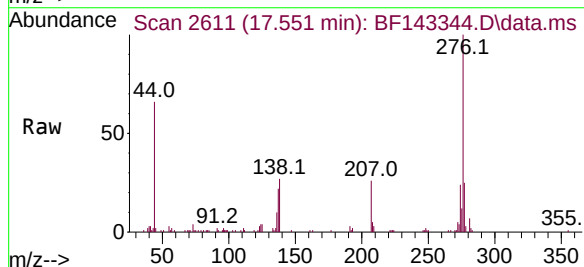
Tgt Ion:276 Resp: 69991

Ion Ratio Lower Upper

276 100

277 24.9 18.7 28.1

138 27.2 17.8 26.8#



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
 Data File : BF143345.D
 Acq On : 12 Aug 2025 10:04
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/13/2025
 Supervised By :Jagrut Upadhyay 08/13/2025

Quant Time: Aug 12 13:17:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 12 13:02:27 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	154882	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	603685	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	326305	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	511556	20.000	ng	0.00
76) Chrysene-d12	14.086	240	288804	20.000	ng	0.00
86) Perylene-d12	15.580	264	252284	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	181196	20.231	ng	0.00
7) Phenol-d6	6.551	99	233168	20.301	ng	-0.01
23) Nitrobenzene-d5	7.481	82	183453	18.924	ng	-0.01
42) 2,4,6-Tribromophenol	10.751	330	41296	17.317	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	434554	22.583	ng	0.00
79) Terphenyl-d14	13.027	244	388588	24.022	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.769	88	45069	9.724	ng	99
3) Pyridine	3.546	79	121796	9.862	ng	98
4) n-Nitrosodimethylamine	3.463	42	53152	9.239	ng	95
6) Aniline	6.587	93	165629	10.229	ng	98
8) 2-Chlorophenol	6.716	128	94079	9.830	ng	97
9) Benzaldehyde	6.481	77	85899	11.315	ng	99
10) Phenol	6.569	94	138719	10.195	ng	94
11) bis(2-Chloroethyl)ether	6.657	93	100958	10.068	ng	99
12) 1,3-Dichlorobenzene	6.869	146	114502	10.373	ng	99
13) 1,4-Dichlorobenzene	6.945	146	116940	10.555	ng	97
14) 1,2-Dichlorobenzene	7.098	146	109638	10.425	ng	99
15) Benzyl Alcohol	7.063	79	75894	9.218	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	186451	10.414	ng	96
17) 2-Methylphenol	7.175	107	80378	9.950	ng	99
18) Hexachloroethane	7.445	117	33555	9.660	ng	98
19) n-Nitroso-di-n-propyla...	7.328	70	72922	10.275	ng	95
20) 3+4-Methylphenols	7.328	107	103058	10.548	ng	# 85
22) Acetophenone	7.328	105	144189	10.840	ng	98
24) Nitrobenzene	7.504	77	99226	9.425	ng	98
25) Isophorone	7.739	82	199699	10.091	ng	98
26) 2-Nitrophenol	7.822	139	25672	9.265	ng	98
27) 2,4-Dimethylphenol	7.857	122	78873	9.553	ng	98
28) bis(2-Chloroethoxy)met...	7.951	93	123627	10.232	ng	99
29) 2,4-Dichlorophenol	8.069	162	77156	9.568	ng	98
30) 1,2,4-Trichlorobenzene	8.151	180	87392	10.274	ng	98
31) Naphthalene	8.233	128	308901	10.634	ng	98
32) Benzoic acid	7.939	122	20894m	10.319	ng	
33) 4-Chloroaniline	8.275	127	105601	10.079	ng	99
34) Hexachlorobutadiene	8.351	225	54615	10.321	ng	99
35) Caprolactam	8.610	113	18357	8.098	ng	93
36) 4-Chloro-3-methylphenol	8.757	107	82681	9.780	ng	96
37) 2-Methylnaphthalene	8.922	142	203203	10.641	ng	100
38) 1-Methylnaphthalene	9.022	142	197497	10.738	ng	100
40) 1,2,4,5-Tetrachloroben...	9.086	216	92307	10.338	ng	99
41) Hexachlorocyclopentadiene	9.081	237	14343	10.801	ng	100
43) 2,4,6-Trichlorophenol	9.198	196	44424	8.769	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
 Data File : BF143345.D
 Acq On : 12 Aug 2025 10:04
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Manual Integrations
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Reviewed By :Rahul Chavli 08/13/2025
 Supervised By :Jagrut Upadhyay 08/13/2025

Quant Time: Aug 12 13:17:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 12 13:02:27 2025
 Response via : Initial Calibration

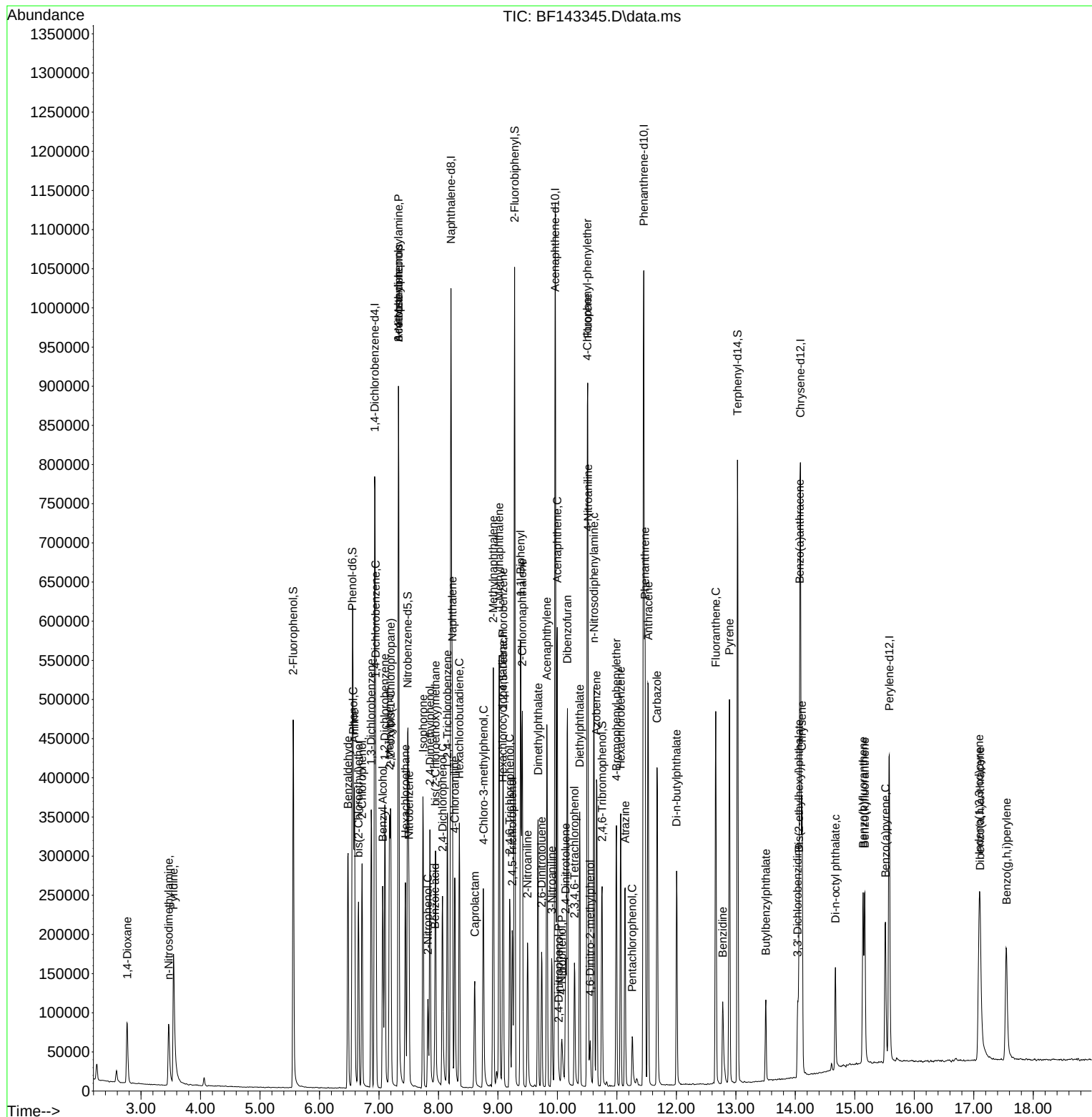
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.239	196	50263	8.786	ng	98
46) 1,1'-Biphenyl	9.380	154	245641	10.647	ng	99
47) 2-Chloronaphthalene	9.410	162	191809	10.556	ng	98
48) 2-Nitroaniline	9.498	65	36444	9.319	ng	93
49) Acenaphthylene	9.822	152	274441	10.459	ng	99
50) Dimethylphthalate	9.675	163	192210	10.081	ng	100
51) 2,6-Dinitrotoluene	9.733	165	24005	9.205	ng	88
52) Acenaphthene	9.998	154	183915	10.543	ng	100
53) 3-Nitroaniline	9.904	138	31507	8.069	ng	92
54) 2,4-Dinitrophenol	10.022	184	4834	10.356	ng	92
55) Dibenzofuran	10.169	168	267653	10.660	ng	99
56) 4-Nitrophenol	10.075	139	15708	10.166	ng	92
57) 2,4-Dinitrotoluene	10.139	165	31226	9.126	ng	91
58) Fluorene	10.510	166	210161	10.959	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.286	232	30681	7.955	ng	98
60) Diethylphthalate	10.375	149	173119	10.137	ng	99
61) 4-Chlorophenyl-phenyle...	10.504	204	97989	10.575	ng	99
62) 4-Nitroaniline	10.516	138	32919	8.714	ng	97
63) Azobenzene	10.657	77	200367	10.272	ng	99
65) 4,6-Dinitro-2-methylph...	10.551	198	9325	11.085	ng	92
66) n-Nitrosodiphenylamine	10.616	169	171289	10.169	ng	99
67) 4-Bromophenyl-phenylether	10.992	248	56818	9.712	ng	97
68) Hexachlorobenzene	11.063	284	63639	10.091	ng	99
69) Atrazine	11.139	200	40124	9.133	ng	100
70) Pentachlorophenol	11.257	266	14951	10.407	ng	94
71) Phenanthrene	11.474	178	296410	10.620	ng	98
72) Anthracene	11.527	178	298872	10.559	ng	99
73) Carbazole	11.674	167	255831	10.613	ng	100
74) Di-n-butylphthalate	12.004	149	189069	9.269	ng	99
75) Fluoranthene	12.663	202	269569	11.026	ng	99
77) Benzidine	12.780	184	78152	9.898	ng	100
78) Pyrene	12.892	202	283403	11.697	ng	98
80) Butylbenzylphthalate	13.504	149	30088	9.196	ng	99
81) Benzo(a)anthracene	14.074	228	176759	9.629	ng	99
82) 3,3'-Dichlorobenzidine	14.039	252	36804	7.425	ng	98
83) Chrysene	14.110	228	180427	10.541	ng	98
84) Bis(2-ethylhexyl)phtha...	14.063	149	39945	9.191	ng	100
85) Di-n-octyl phthalate	14.674	149	78702	10.933	ng	97
87) Indeno(1,2,3-cd)pyrene	17.092	276	183505	10.153	ng	99
88) Benzo(b)fluoranthene	15.139	252	129605	9.392	ng	99
89) Benzo(k)fluoranthene	15.168	252	136296	10.165	ng	98
90) Benzo(a)pyrene	15.515	252	127540	9.814	ng	99
91) Dibenzo(a,h)anthracene	17.109	278	146537	10.148	ng	98
92) Benzo(g,h,i)perylene	17.551	276	150383	10.338	ng	100

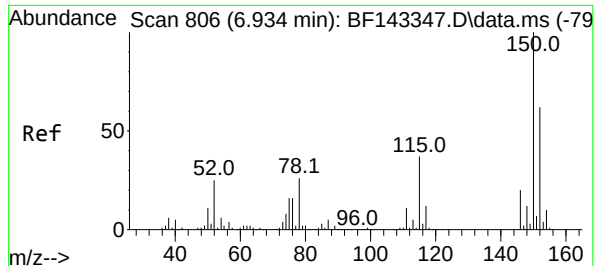
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
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ClientSampleId :
SSTDICC010

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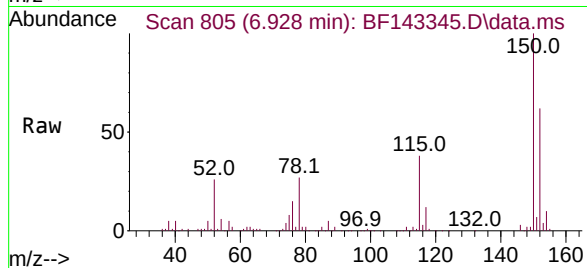
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jaagrut Upadhyay 08/13/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

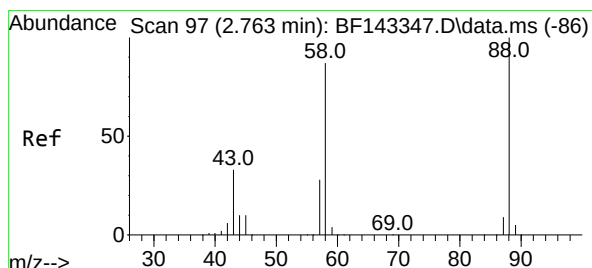
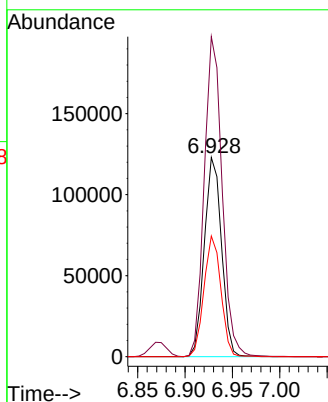
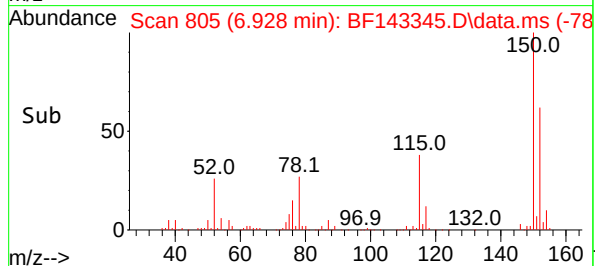
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:152 Resp: 15488
Ion Ratio Lower Upper
152 100
150 160.6 129.8 194.8
115 60.6 47.8 71.8

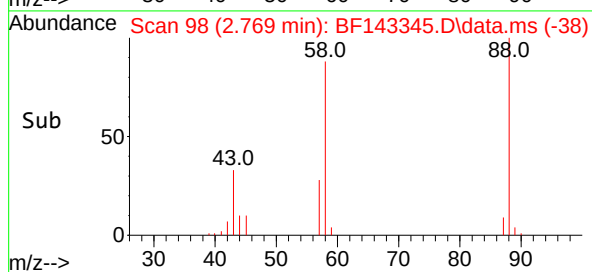
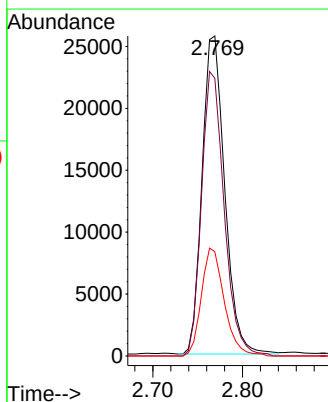
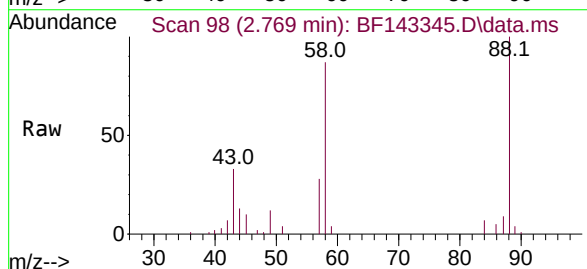
Manual Integrations
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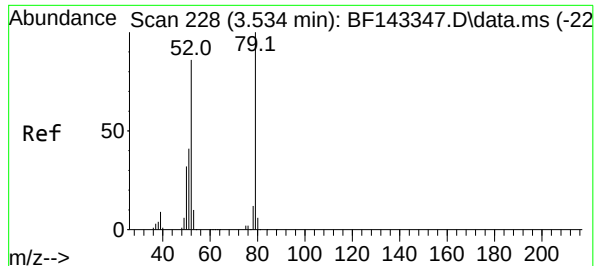
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025



#2
1,4-Dioxane
Concen: 9.724 ng
RT: 2.769 min Scan# 98
Delta R.T. 0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion: 88 Resp: 45069
Ion Ratio Lower Upper
88 100
58 89.2 71.0 106.6
43 34.2 27.0 40.6





#3

Pyridine

Concen: 9.862 ng

RT: 3.546 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF143345.D

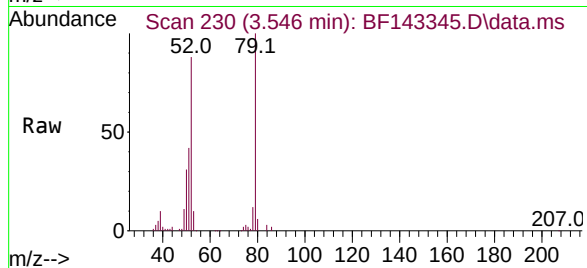
Acq: 12 Aug 2025 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



Tgt Ion: 79 Resp: 121790

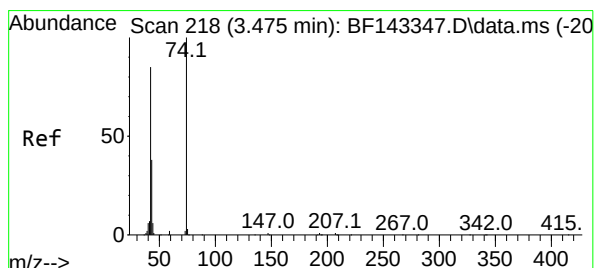
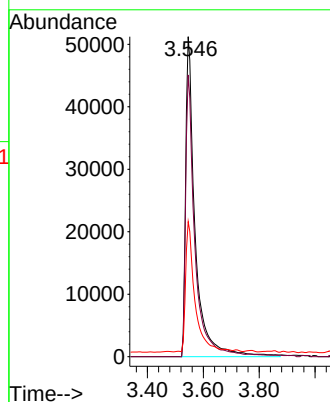
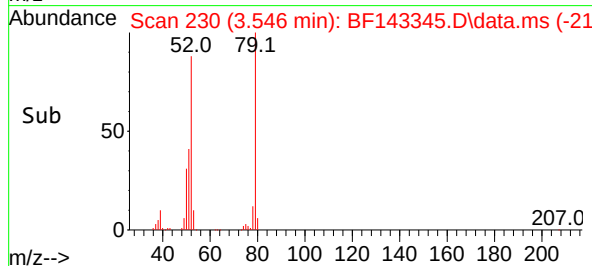
Ion	Ratio	Lower	Upper
79	100		
52	88.0	68.7	103.1
51	42.2	33.4	50.0

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Supervised By :Jagrut Upadhyay 08/13/2025



#4

n-Nitrosodimethylamine

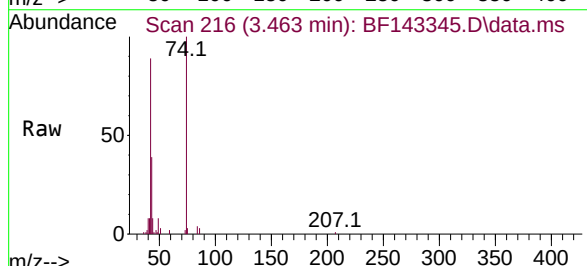
Concen: 9.239 ng

RT: 3.463 min Scan# 216

Delta R.T. -0.012 min

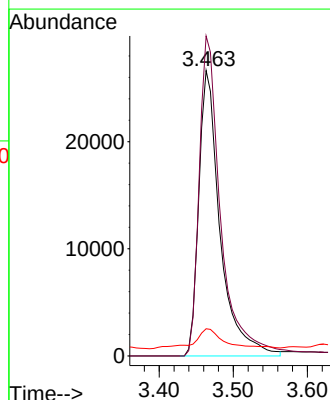
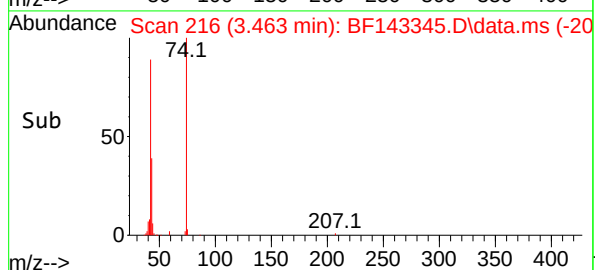
Lab File: BF143345.D

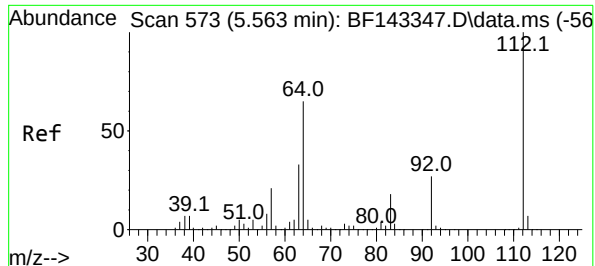
Acq: 12 Aug 2025 10:04



Tgt Ion: 42 Resp: 53152

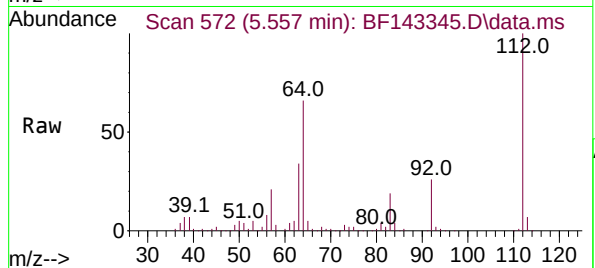
Ion	Ratio	Lower	Upper
42	100		
74	112.1	94.1	141.1
44	9.5	6.5	9.7





#5
2-Fluorophenol
Concen: 20.231 ng
RT: 5.557 min Scan# 511
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

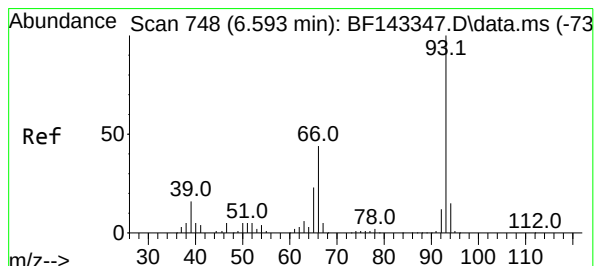
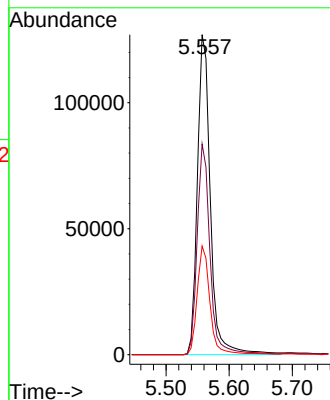
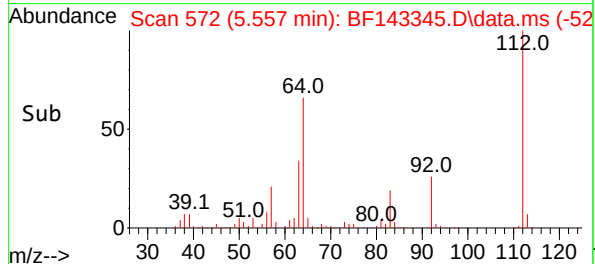
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:112 Resp: 181190
Ion Ratio Lower Upper
112 100
64 65.8 52.1 78.1
63 33.9 26.6 39.8

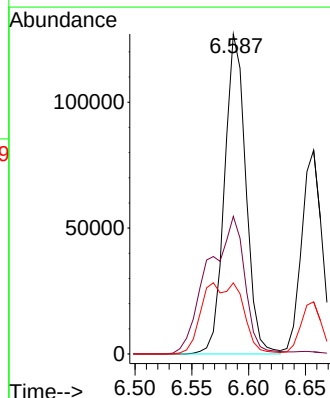
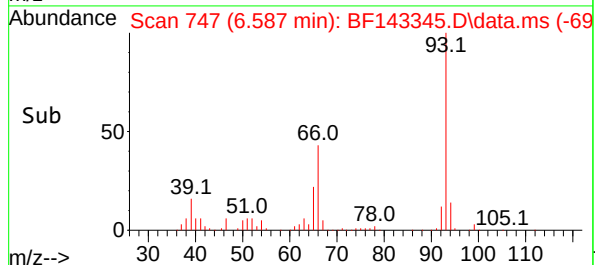
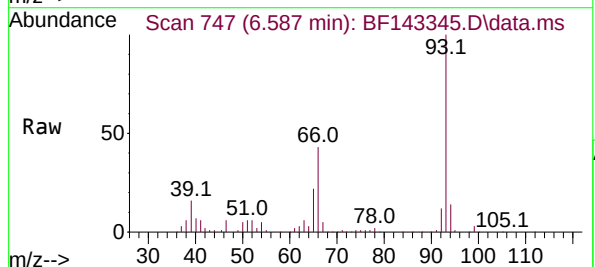
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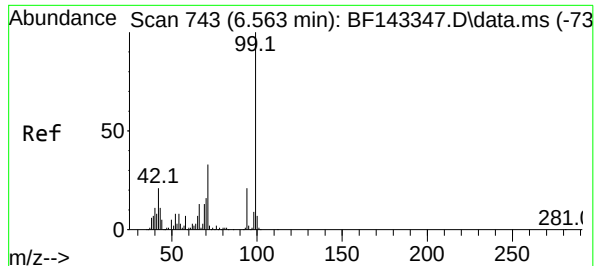
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025



#6
Aniline
Concen: 10.229 ng
RT: 6.587 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion: 93 Resp: 165629
Ion Ratio Lower Upper
93 100
66 43.0 35.3 52.9
65 22.2 18.2 27.4





#7

Phenol-d6

Concen: 20.301 ng

RT: 6.551 min Scan# 741

Delta R.T. -0.012 min

Lab File: BF143345.D

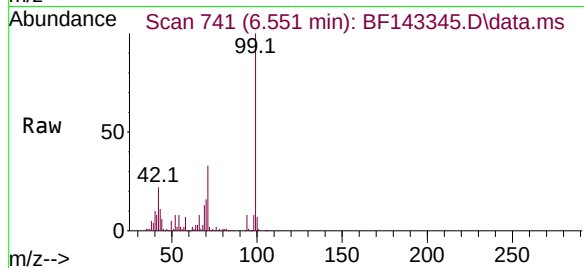
Acq: 12 Aug 2025 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



Tgt Ion: 99 Resp: 23316

Ion Ratio Lower Upper

99 100

42 21.7 16.6 25.0

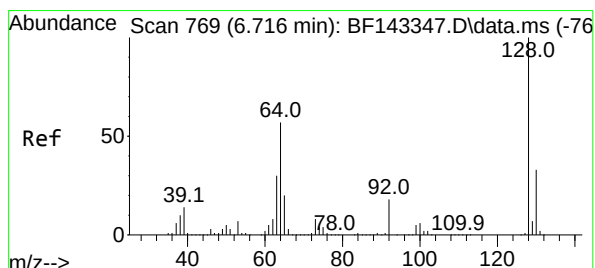
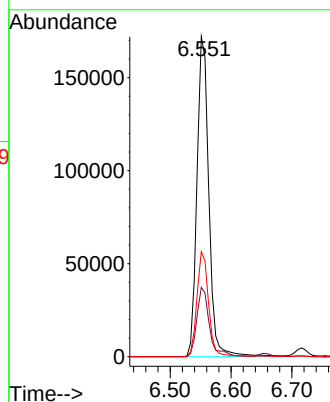
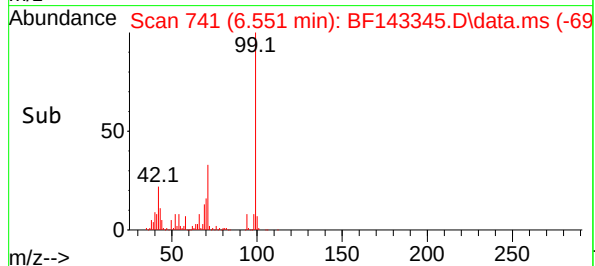
71 32.8 26.2 39.2

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Supervised By :Jagrut Upadhyay 08/13/2025



#8

2-Chlorophenol

Concen: 9.830 ng

RT: 6.716 min Scan# 769

Delta R.T. -0.000 min

Lab File: BF143345.D

Acq: 12 Aug 2025 10:04

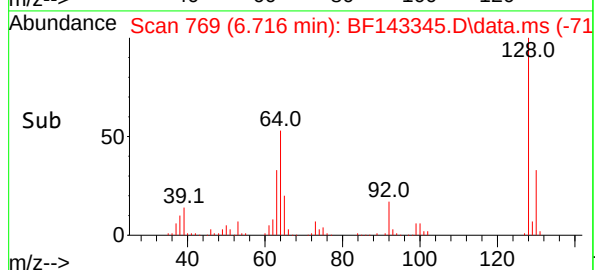
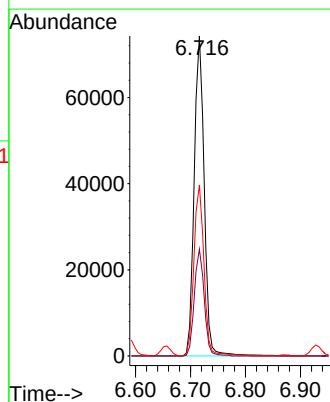
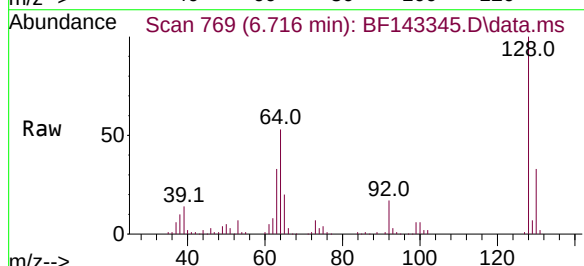
Tgt Ion:128 Resp: 94079

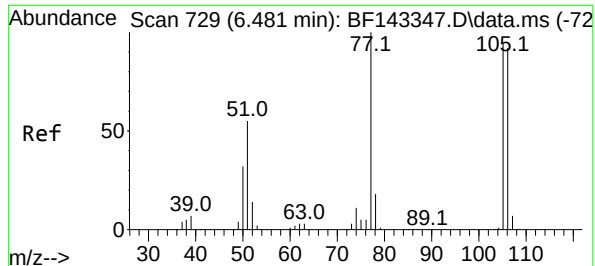
Ion Ratio Lower Upper

128 100

130 33.4 12.6 52.6

64 53.4 36.7 76.7





#9

Benzaldehyde

Concen: 11.315 ng

RT: 6.481 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF143345.D

Acq: 12 Aug 2025 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 77 Resp: 8589

Ion Ratio Lower Upper

77 100

105 95.4 74.2 114.2

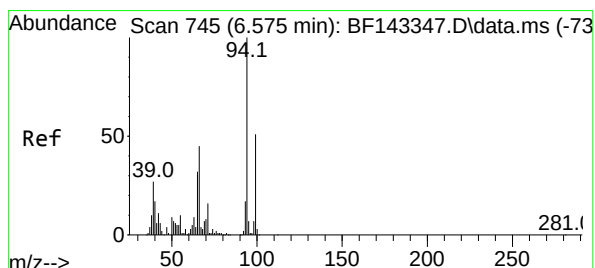
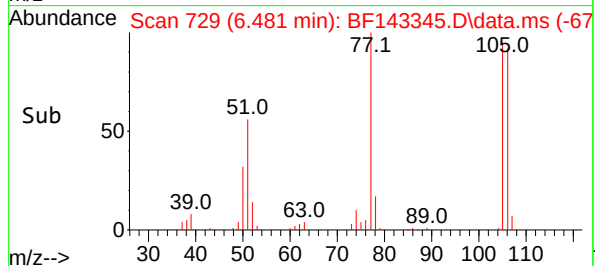
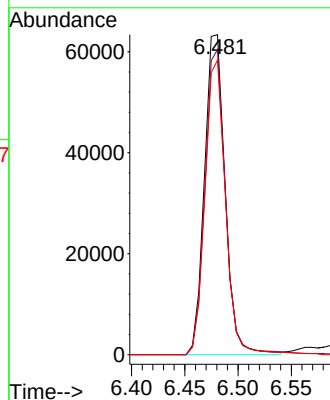
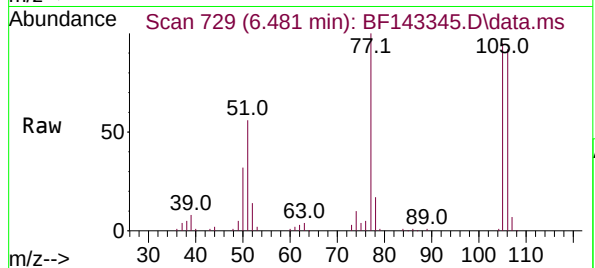
106 92.0 72.2 112.2

Manual Integrations

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Reviewed By :Rahul Chavli 08/13/2025

Supervised By :Jagrut Upadhyay 08/13/2025



#10

Phenol

Concen: 10.195 ng

RT: 6.569 min Scan# 744

Delta R.T. -0.006 min

Lab File: BF143345.D

Acq: 12 Aug 2025 10:04

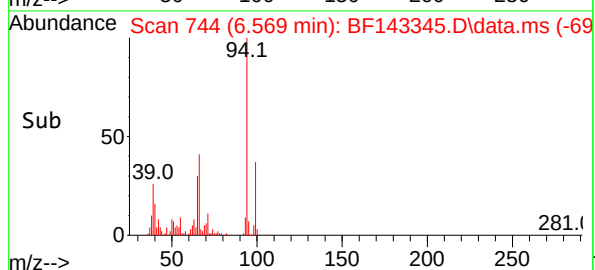
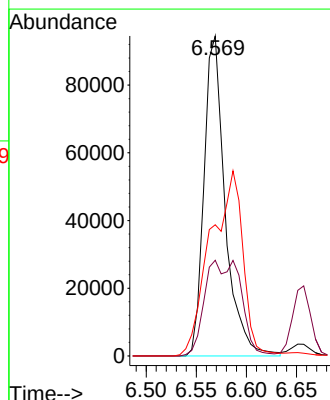
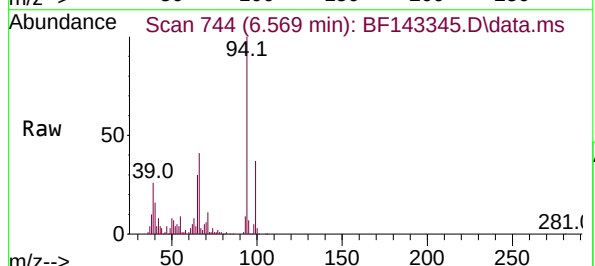
Tgt Ion: 94 Resp: 138719

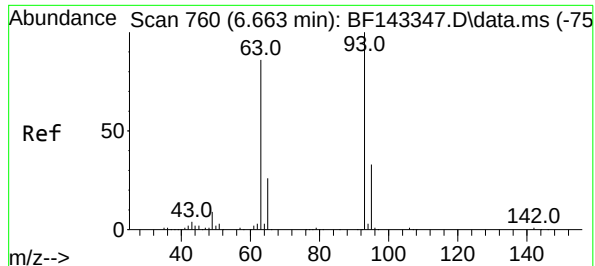
Ion Ratio Lower Upper

94 100

65 29.9 12.0 52.0

66 41.0 25.6 65.6





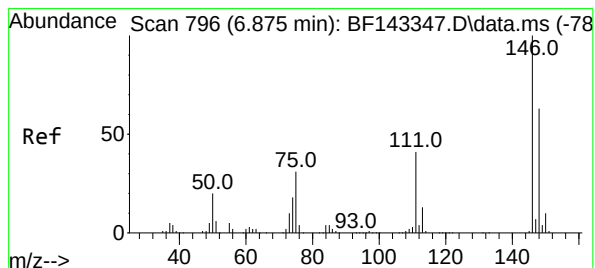
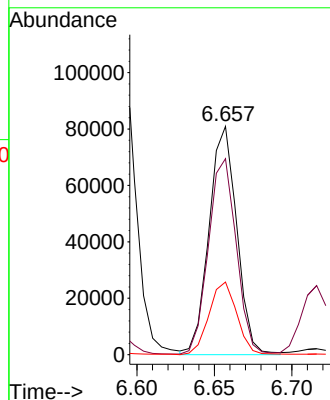
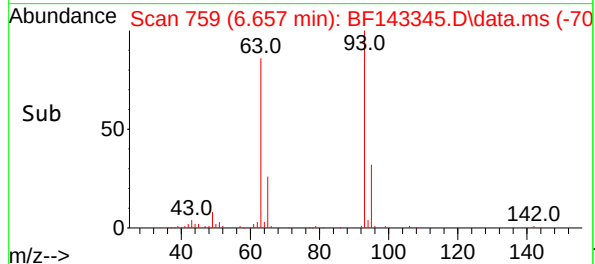
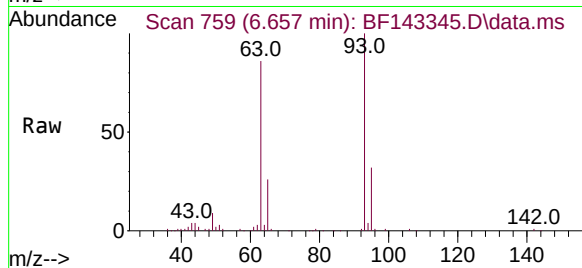
#11
bis(2-Chloroethyl)ether
Concen: 10.068 ng
RT: 6.657 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 93 Resp: 100958
Ion Ratio Lower Upper
93 100
63 85.8 65.7 105.7
95 31.8 13.0 53.0

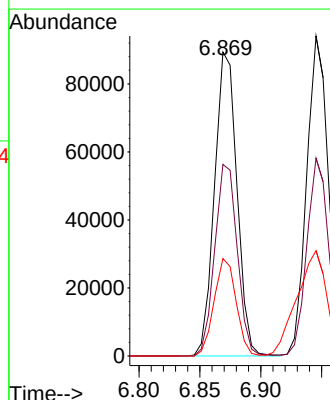
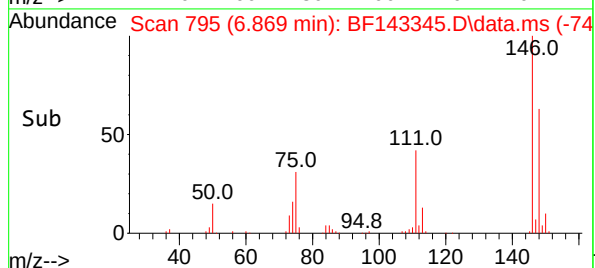
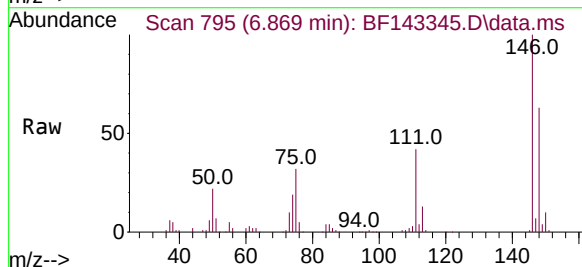
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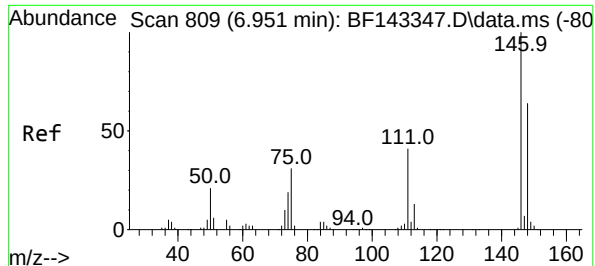
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025



#12
1,3-Dichlorobenzene
Concen: 10.373 ng
RT: 6.869 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:146 Resp: 114502
Ion Ratio Lower Upper
146 100
148 63.0 50.5 75.7
75 32.1 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 10.555 ng

RT: 6.945 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF143345.D

Acq: 12 Aug 2025 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:146 Resp: 116940

Ion Ratio Lower Upper

146 100

148 61.8 51.4 77.0

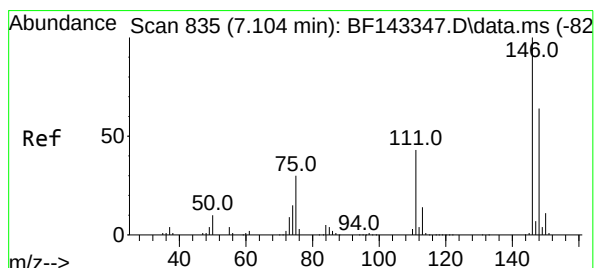
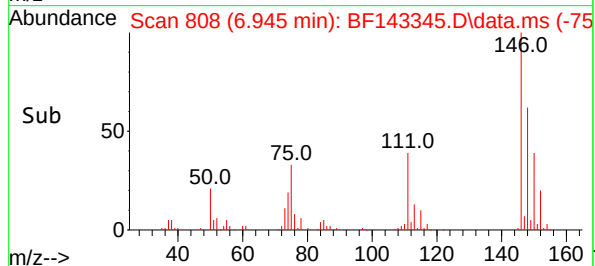
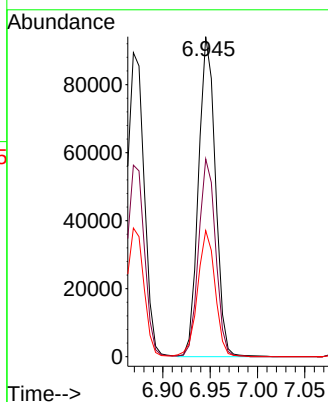
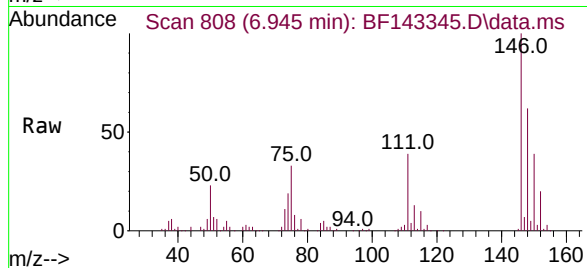
111 39.4 32.6 48.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/13/2025

Supervised By :Jagrut Upadhyay 08/13/2025



#14

1,2-Dichlorobenzene

Concen: 10.425 ng

RT: 7.098 min Scan# 834

Delta R.T. -0.006 min

Lab File: BF143345.D

Acq: 12 Aug 2025 10:04

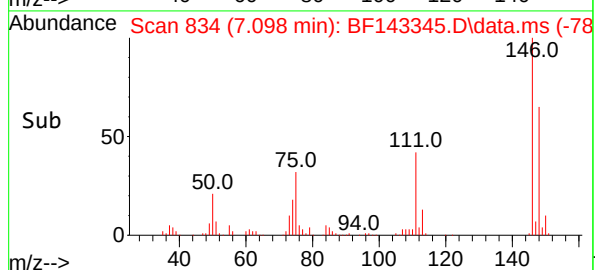
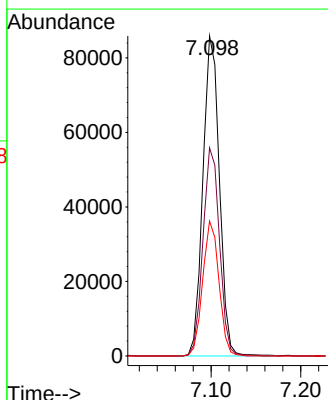
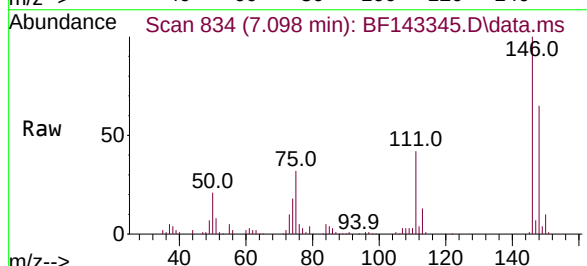
Tgt Ion:146 Resp: 109638

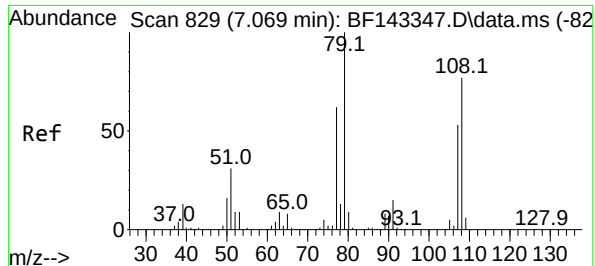
Ion Ratio Lower Upper

146 100

148 65.0 51.4 77.2

111 42.2 34.1 51.1





#15

Benzyl Alcohol

Concen: 9.218 ng

RT: 7.063 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF143345.D

Acq: 12 Aug 2025 10:04

Instrument :

BNA_F

ClientSampleId :

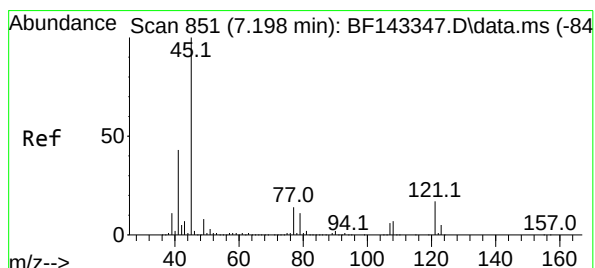
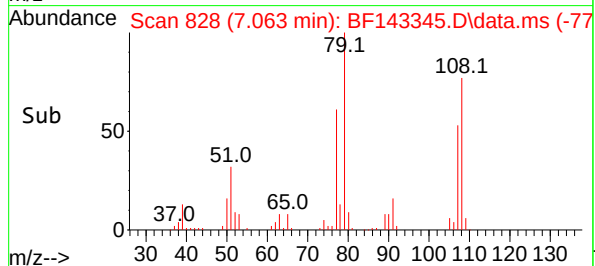
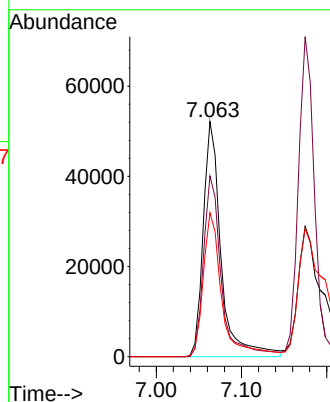
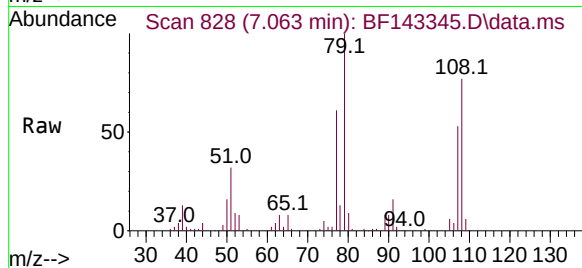
SSTDICC010

Tgt Ion:	79	Resp:	75894
Ion Ratio	Lower	Upper	
79	100		
108	76.8	61.5	92.3
77	61.2	49.8	74.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 10.414 ng

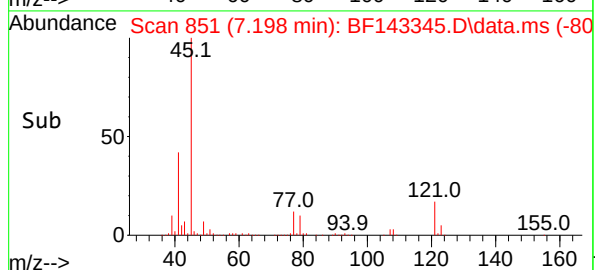
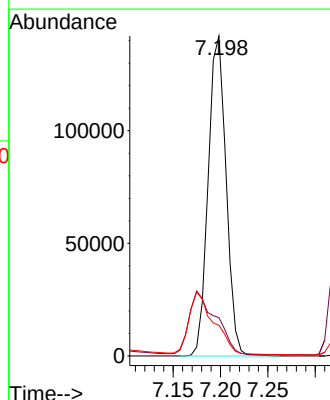
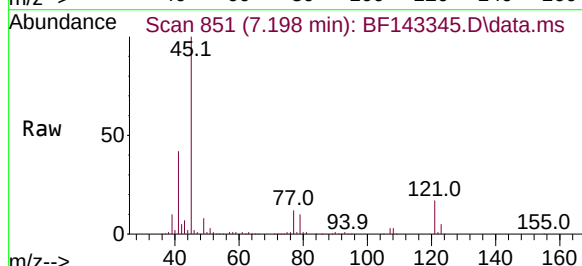
RT: 7.198 min Scan# 851

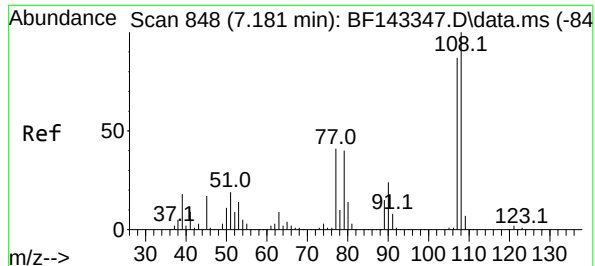
Delta R.T. -0.000 min

Lab File: BF143345.D

Acq: 12 Aug 2025 10:04

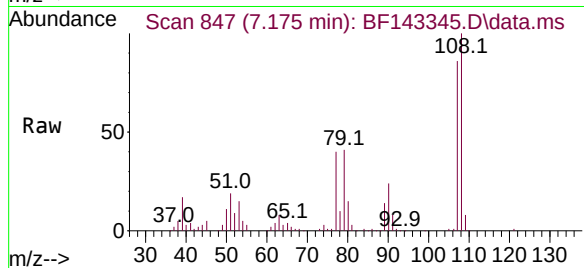
Tgt Ion:	45	Resp:	186451
Ion Ratio	Lower	Upper	
45	100		
77	12.0	0.0	34.0
79	9.6	0.0	31.1





#17
2-Methylphenol
Concen: 9.950 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

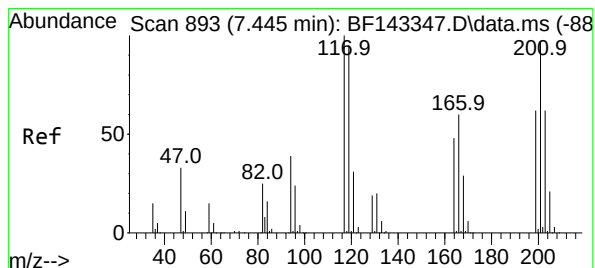
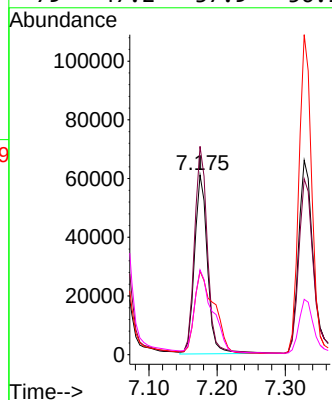
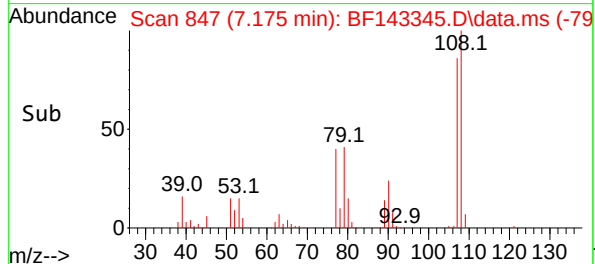
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:107 Resp: 80378
Ion Ratio Lower Upper
107 100
108 116.0 92.0 138.0
77 46.5 38.2 57.2
79 47.2 37.9 56.9

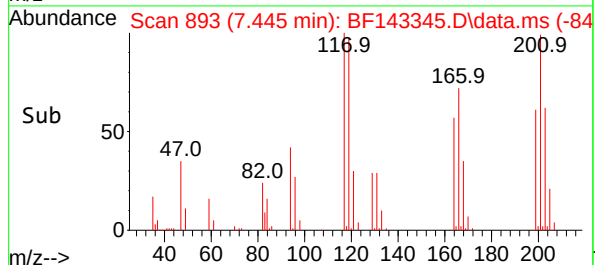
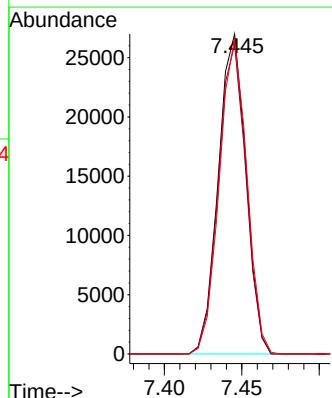
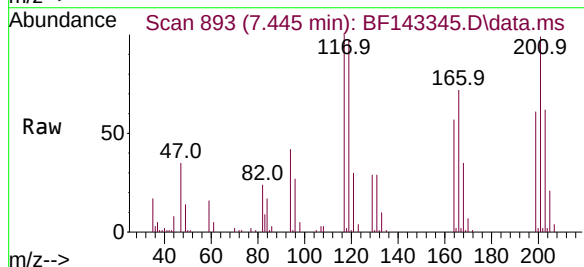
Manual Integrations
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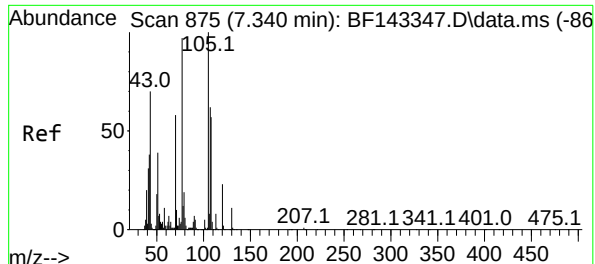
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025



#18
Hexachloroethane
Concen: 9.660 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.000 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:117 Resp: 33555
Ion Ratio Lower Upper
117 100
119 96.7 75.8 113.8
201 98.6 77.2 115.8





#19

n-Nitroso-di-n-propylamine

Concen: 10.275 ng

RT: 7.328 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF143345.D

Acq: 12 Aug 2025 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 70 Resp: 7292

Ion Ratio Lower Upper

70 100

42 69.0 51.6 77.4

101 9.1 7.5 11.3

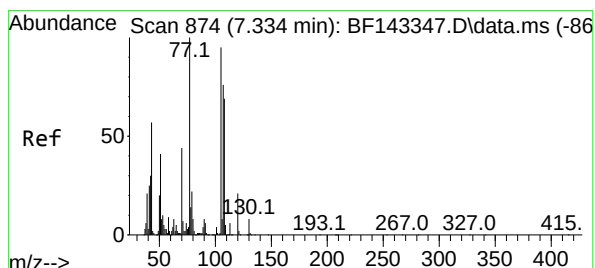
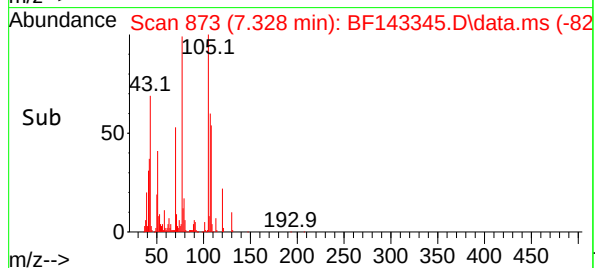
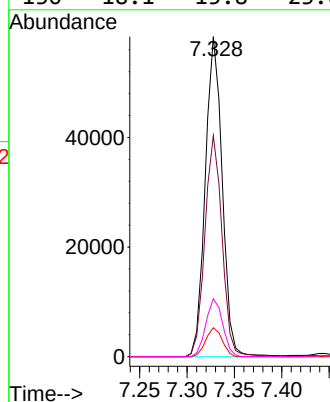
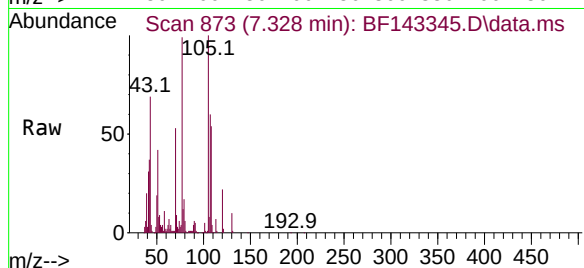
130 18.1 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/13/2025

Supervised By :Jagrut Upadhyay 08/13/2025



#20

3+4-Methylphenols

Concen: 10.548 ng

RT: 7.328 min Scan# 873

Delta R.T. -0.006 min

Lab File: BF143345.D

Acq: 12 Aug 2025 10:04

Tgt Ion:107 Resp: 103058

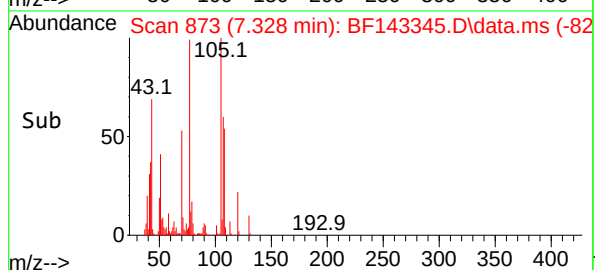
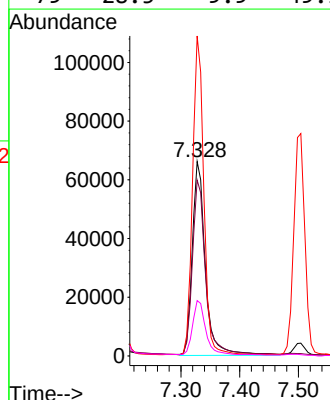
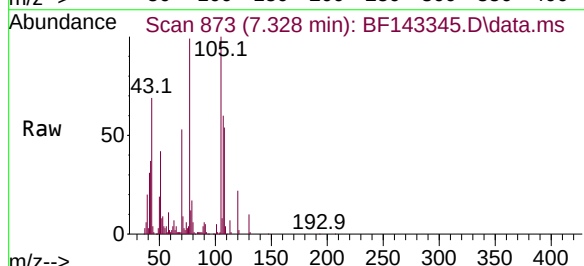
Ion Ratio Lower Upper

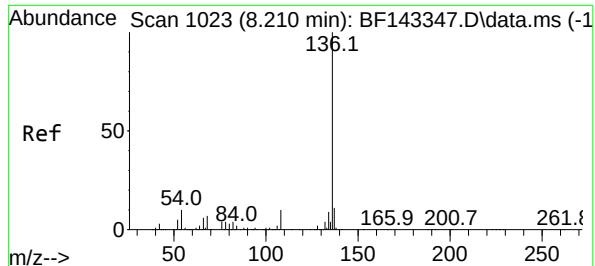
107 100

108 90.4 70.6 110.6

77 164.6 112.0 152.0

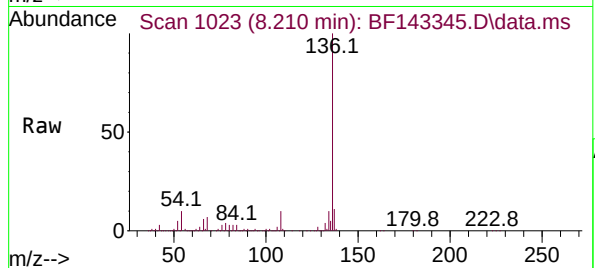
79 28.5 9.9 49.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

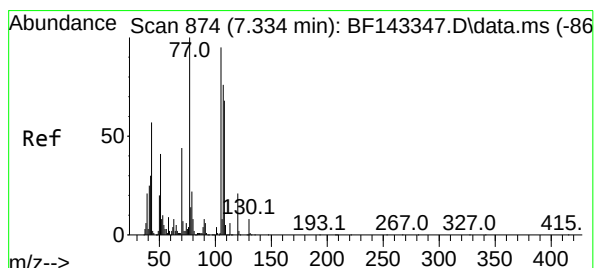
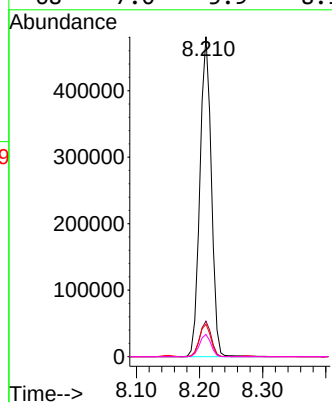
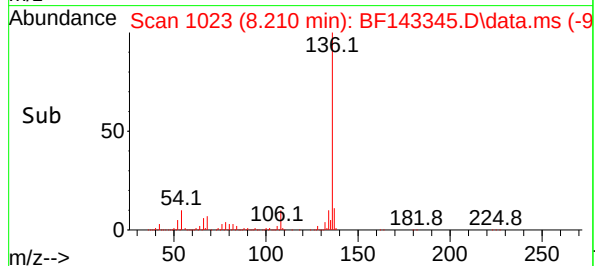
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:136 Resp: 60368
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 10.2 8.4 12.6
68 7.0 5.9 8.9

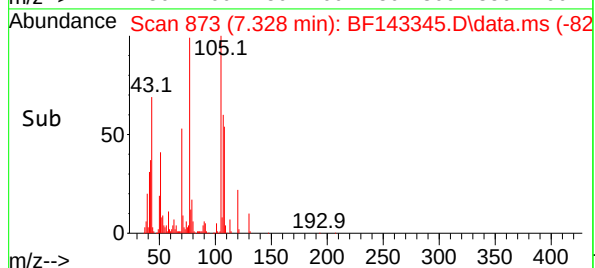
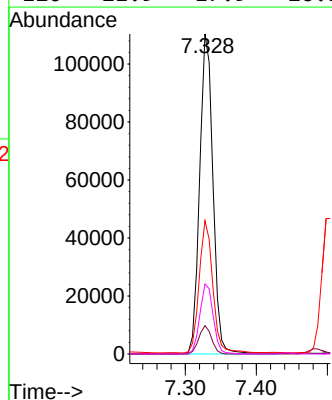
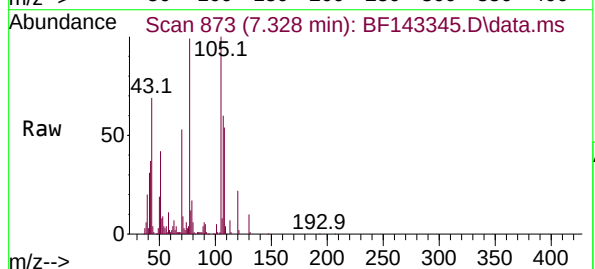
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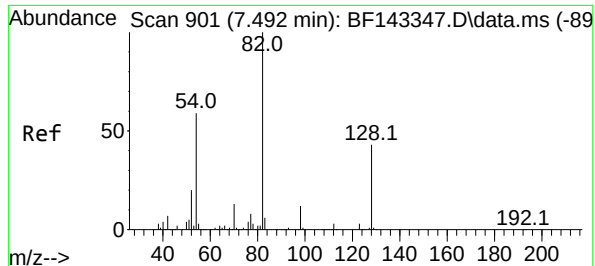
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025



#22
Acetophenone
Concen: 10.840 ng
RT: 7.328 min Scan# 873
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

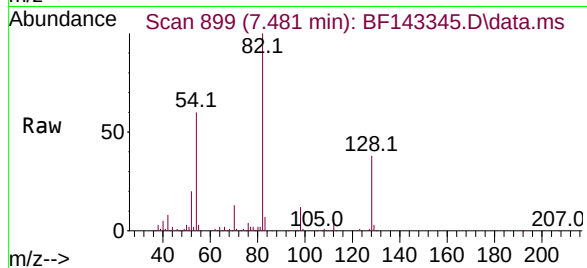
Tgt Ion:105 Resp: 144189
Ion Ratio Lower Upper
105 100
71 8.8 6.2 9.4
51 41.6 34.8 52.2
120 21.9 17.9 26.9





#23
Nitrobenzene-d5
Concen: 18.924 ng
RT: 7.481 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

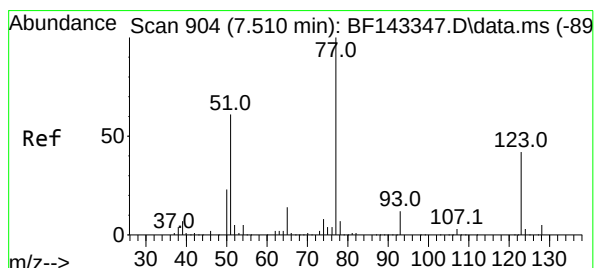
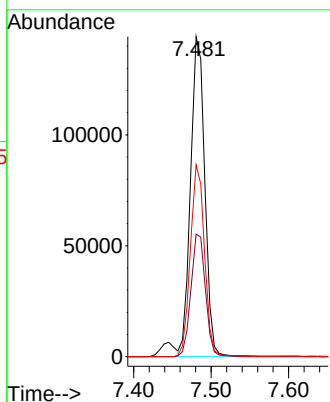
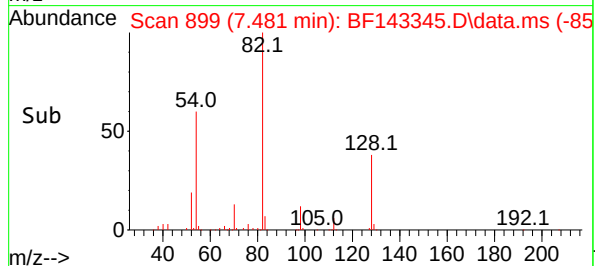
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



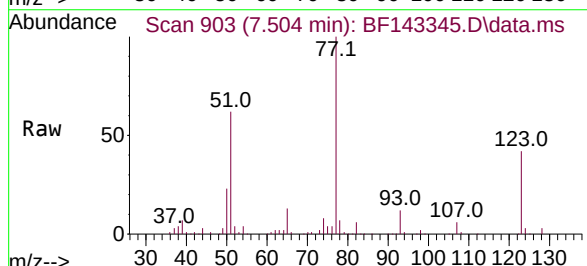
Tgt Ion: 82 Resp: 18345
Ion Ratio Lower Upper
82 100
128 38.3 33.5 50.3
54 60.0 46.7 70.1

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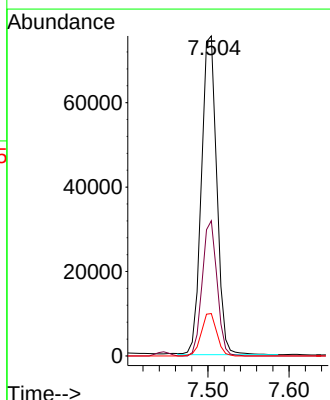
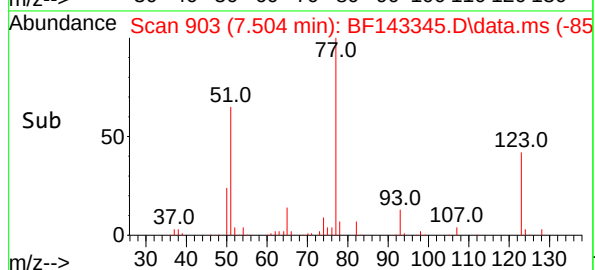
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

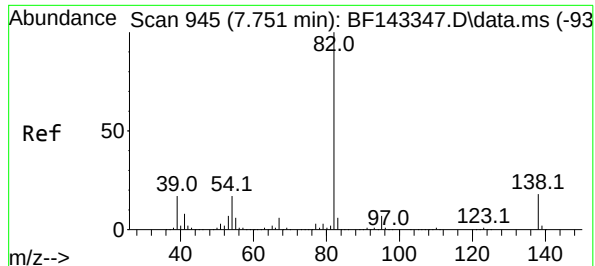


#24
Nitrobenzene
Concen: 9.425 ng
RT: 7.504 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04



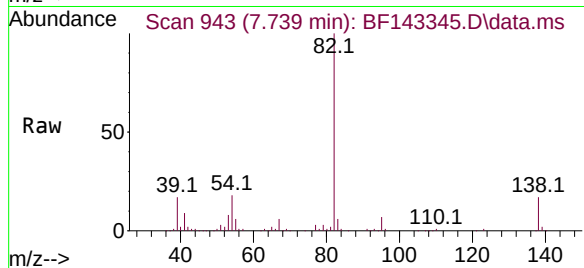
Tgt Ion: 77 Resp: 99226
Ion Ratio Lower Upper
77 100
123 42.3 34.8 52.2
65 13.2 11.0 16.6





#25
Isophorone
Concen: 10.091 ng
RT: 7.739 min Scan# 945
Delta R.T. -0.012 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

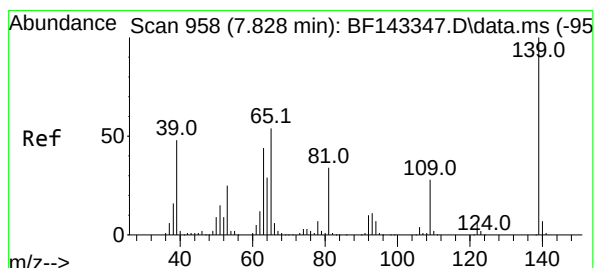
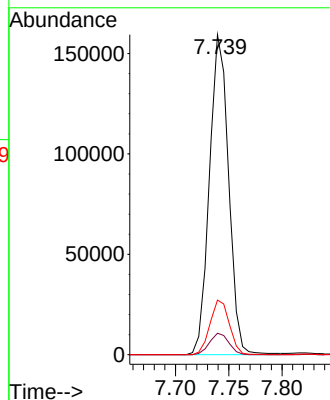
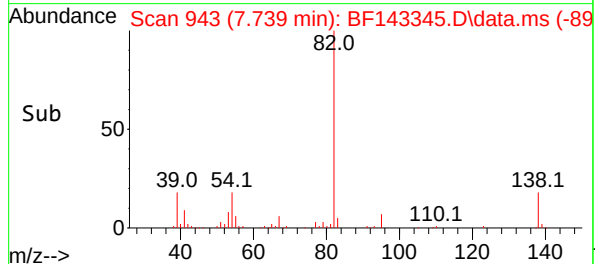
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion: 82 Resp: 199699
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 17.1 14.6 21.8

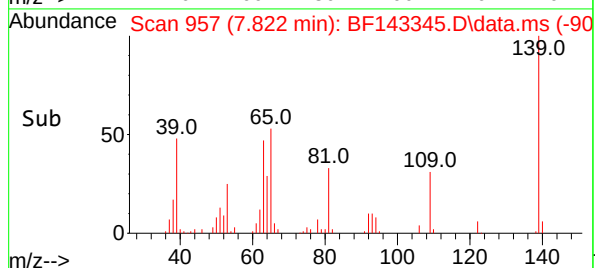
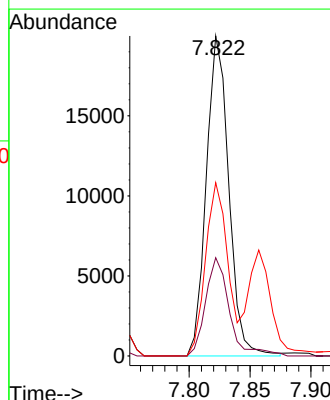
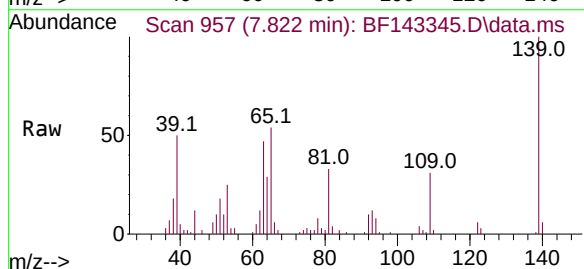
Manual Integrations
APPROVED

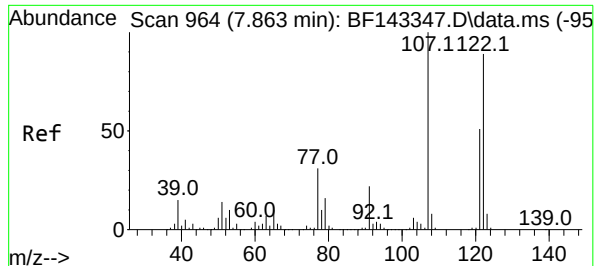
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025



#26
2-Nitrophenol
Concen: 9.265 ng
RT: 7.822 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:139 Resp: 25672
Ion Ratio Lower Upper
139 100
109 30.7 22.4 33.6
65 54.1 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 9.553 ng

RT: 7.857 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF143345.D

Acq: 12 Aug 2025 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

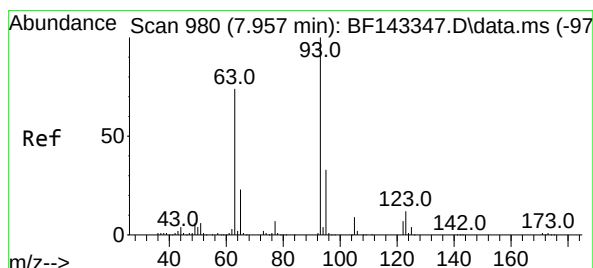
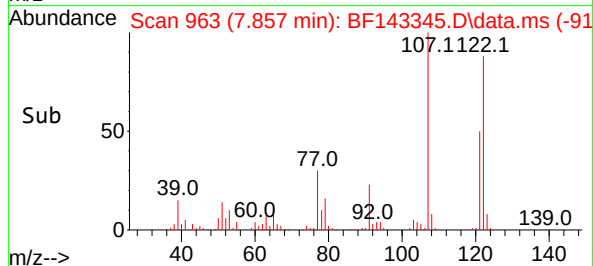
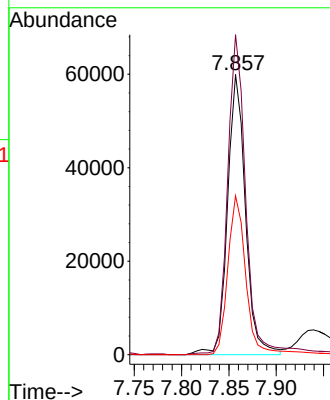
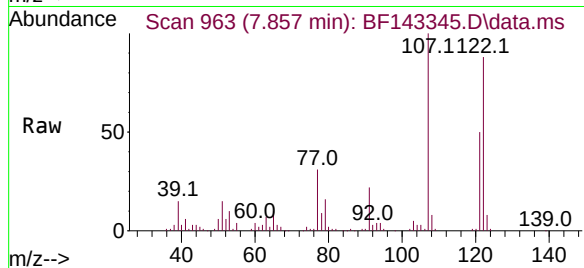
Tgt Ion:	122	Resp:	7887
Ion	Ratio	Lower	Upper
122	100		
107	114.2	89.9	134.9
121	56.7	46.2	69.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/13/2025

Supervised By :Jagrut Upadhyay 08/13/2025



#28

bis(2-Chloroethoxy)methane

Concen: 10.232 ng

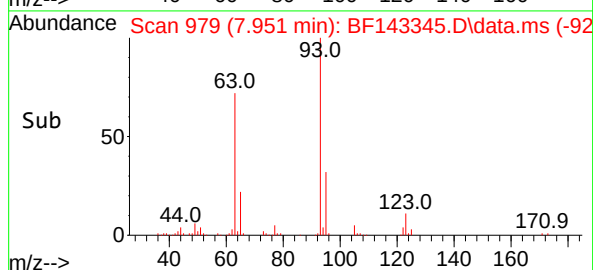
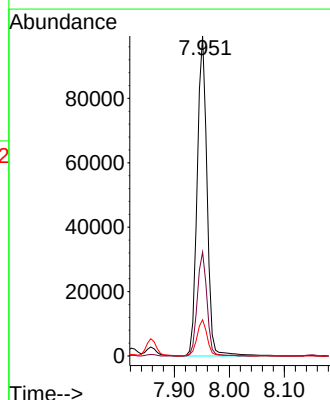
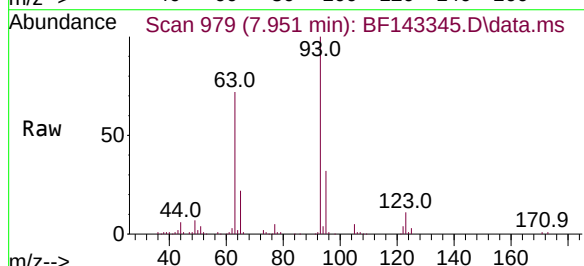
RT: 7.951 min Scan# 979

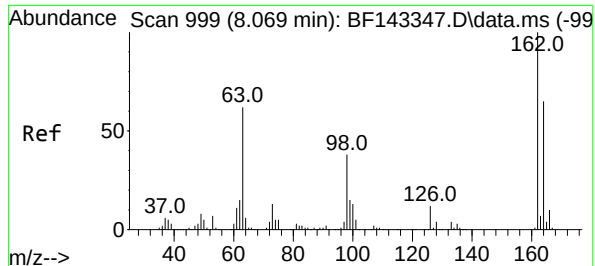
Delta R.T. -0.006 min

Lab File: BF143345.D

Acq: 12 Aug 2025 10:04

Tgt Ion:	93	Resp:	123627
Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.2	39.4
123	11.3	9.4	14.2





#29

2,4-Dichlorophenol

Concen: 9.568 ng

RT: 8.069 min Scan# 999

Delta R.T. -0.000 min

Lab File: BF143345.D

Acq: 12 Aug 2025 10:04

Instrument :

BNA_F

ClientSampleId :

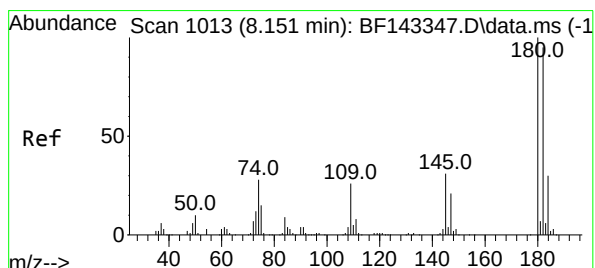
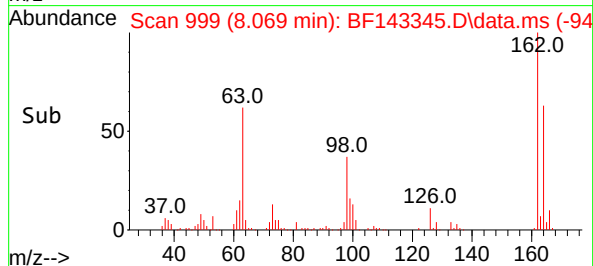
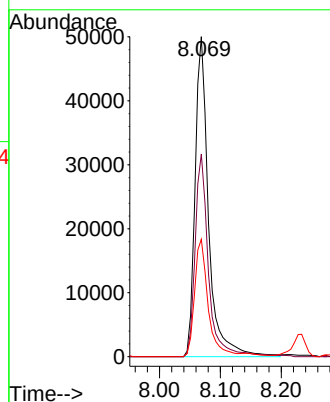
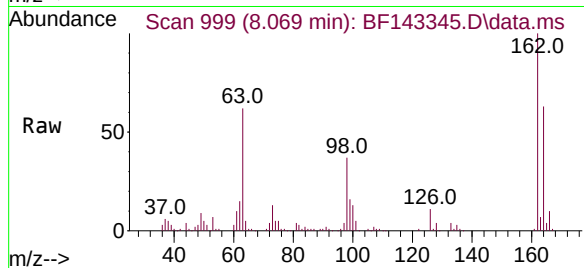
SSTDICC010

Tgt Ion:162 Resp: 77150
Ion Ratio Lower Upper
162 100
164 63.3 44.5 84.5
98 36.7 17.7 57.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025



#30

1,2,4-Trichlorobenzene

Concen: 10.274 ng

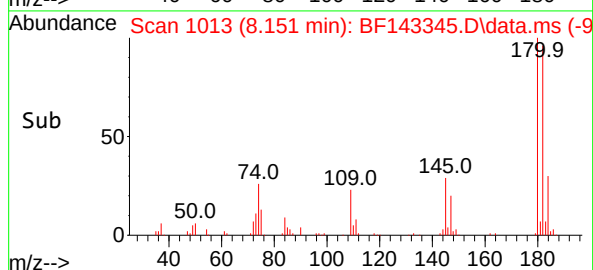
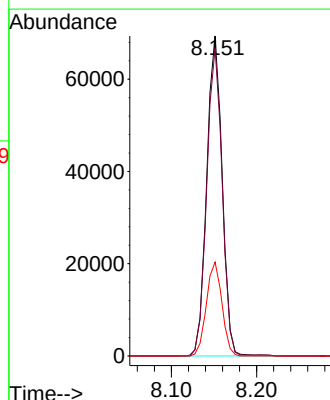
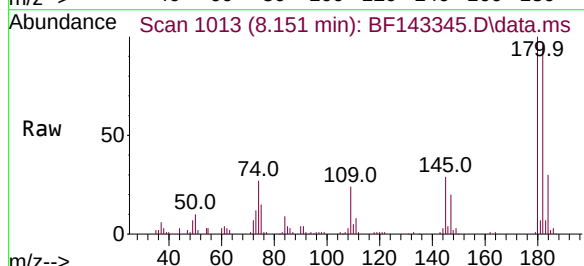
RT: 8.151 min Scan# 1013

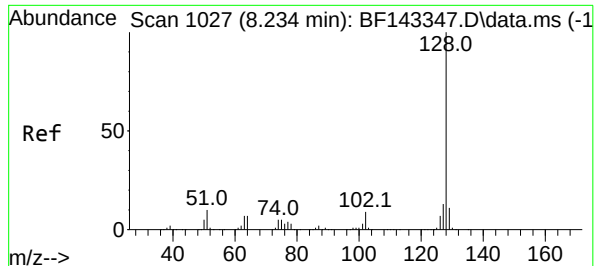
Delta R.T. -0.000 min

Lab File: BF143345.D

Acq: 12 Aug 2025 10:04

Tgt Ion:180 Resp: 87392
Ion Ratio Lower Upper
180 100
182 96.1 76.1 114.1
145 29.4 24.9 37.3





#31

Naphthalene

Concen: 10.634 ng

RT: 8.233 min Scan# 1027

Delta R.T. -0.000 min

Lab File: BF143345.D

Acq: 12 Aug 2025 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:128 Resp: 30890

Ion Ratio Lower Upper

128 100

129 10.8 9.0 13.6

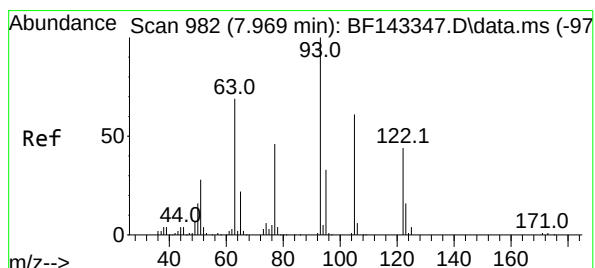
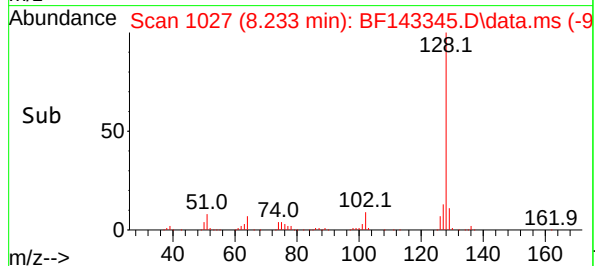
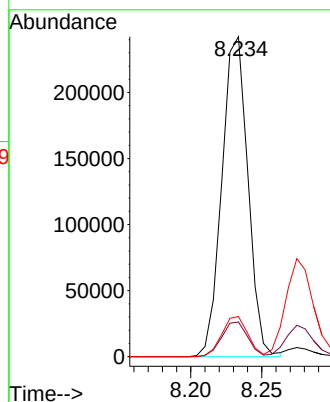
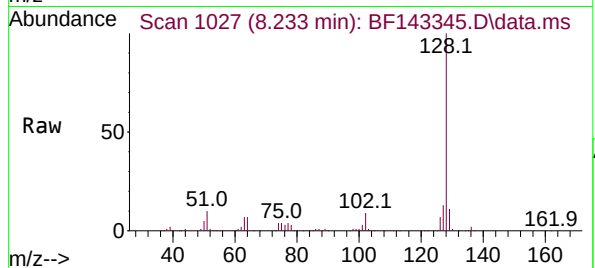
127 12.6 10.7 16.1

Manual Integrations

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Reviewed By :Rahul Chavli 08/13/2025

Supervised By :Jagrut Upadhyay 08/13/2025



#32

Benzoic acid

Concen: 10.319 ng m

RT: 7.939 min Scan# 977

Delta R.T. -0.030 min

Lab File: BF143345.D

Acq: 12 Aug 2025 10:04

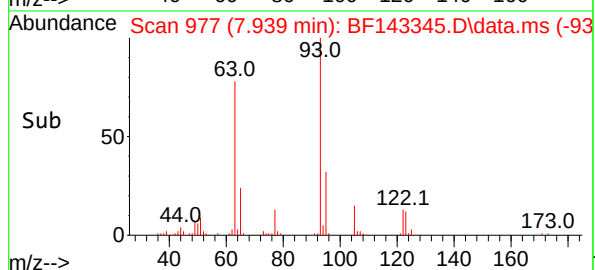
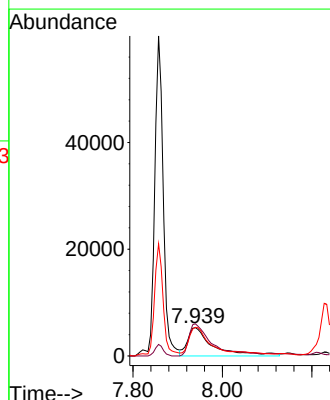
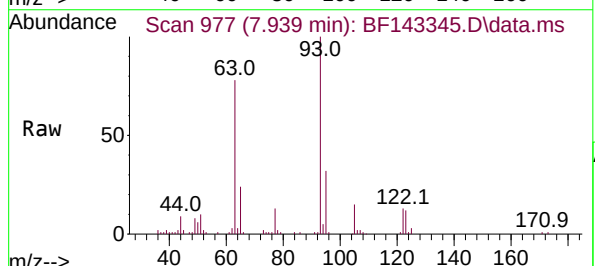
Tgt Ion:122 Resp: 20894

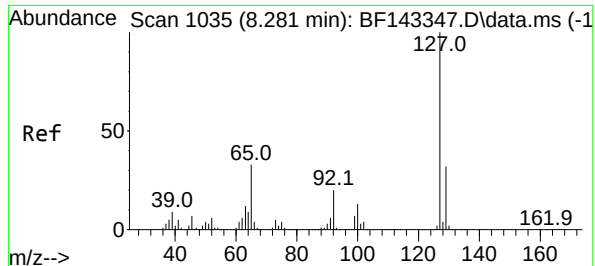
Ion Ratio Lower Upper

122 100

105 113.7 106.4 146.4

77 101.1 79.2 119.2





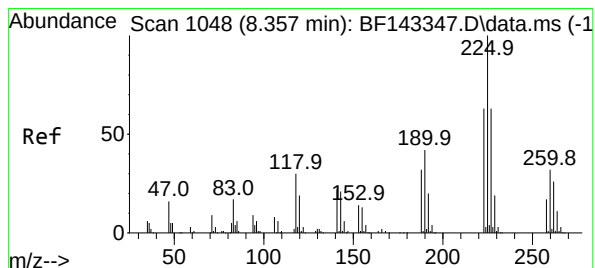
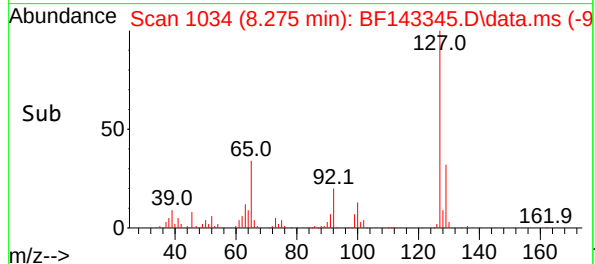
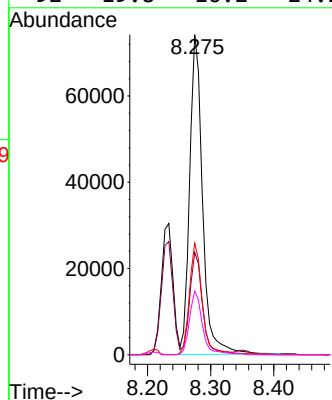
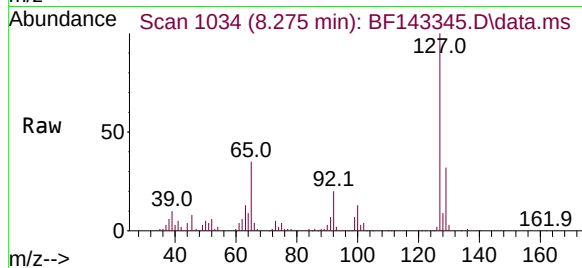
#33
4-Chloroaniline
Concen: 10.079 ng
RT: 8.275 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:127 Resp: 10560
Ion Ratio Lower Upper
127 100
129 32.0 26.0 39.0
65 34.8 27.0 40.4
92 19.8 16.2 24.2

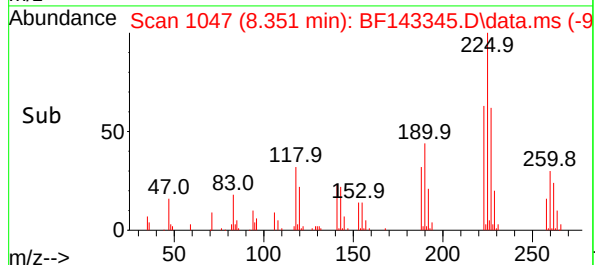
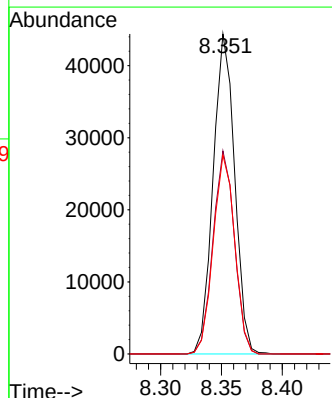
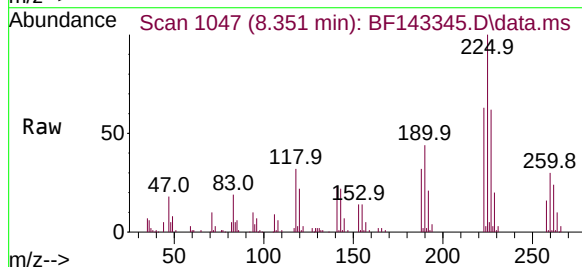
Manual Integrations
APPROVED

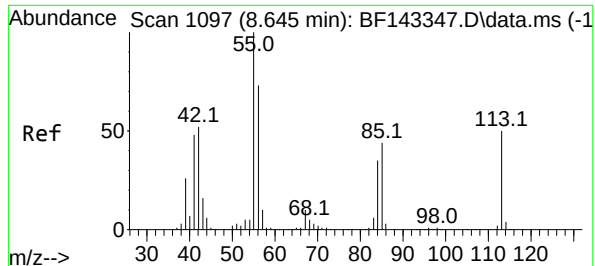
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025



#34
Hexachlorobutadiene
Concen: 10.321 ng
RT: 8.351 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:225 Resp: 54615
Ion Ratio Lower Upper
225 100
223 63.5 50.1 75.1
227 62.1 50.6 75.8





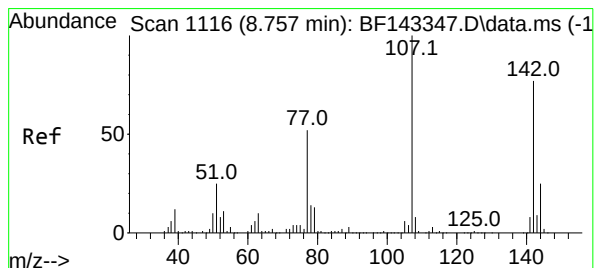
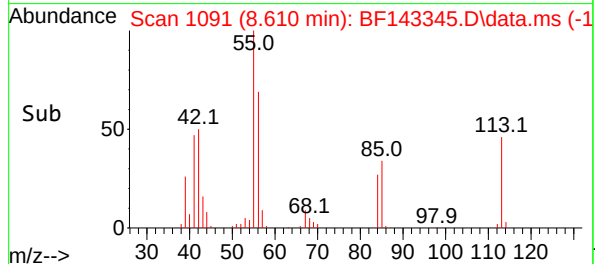
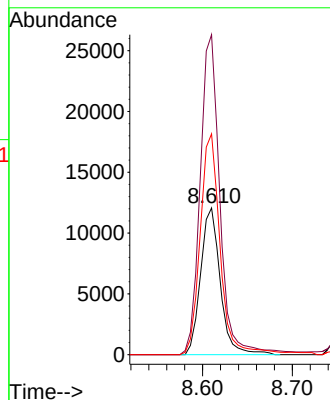
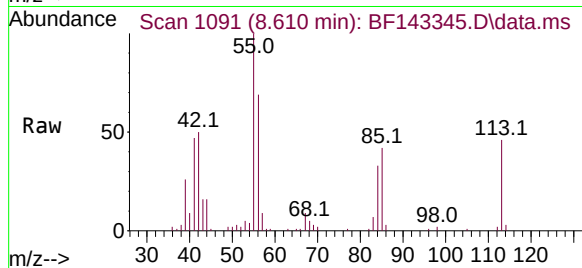
#35
Caprolactam
Concen: 8.098 ng
RT: 8.610 min Scan# 1097
Delta R.T. -0.035 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:113 Resp: 1835
Ion Ratio Lower Upper
113 100
55 218.1 181.4 221.4
56 150.5 127.3 167.3

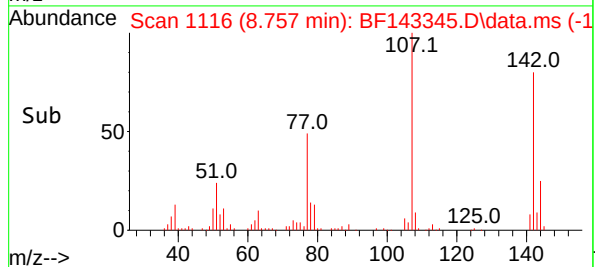
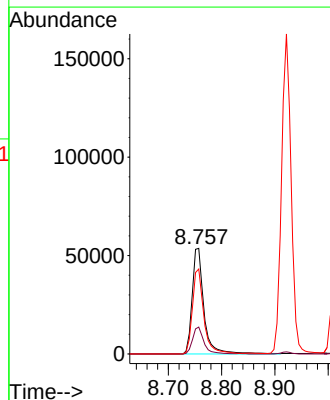
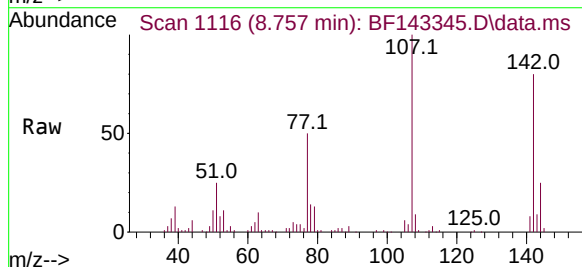
Manual Integrations
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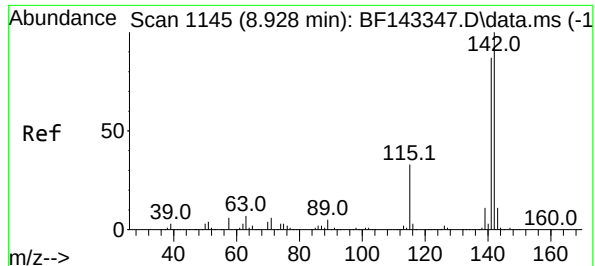
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025



#36
4-Chloro-3-methylphenol
Concen: 9.780 ng
RT: 8.757 min Scan# 1116
Delta R.T. -0.000 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

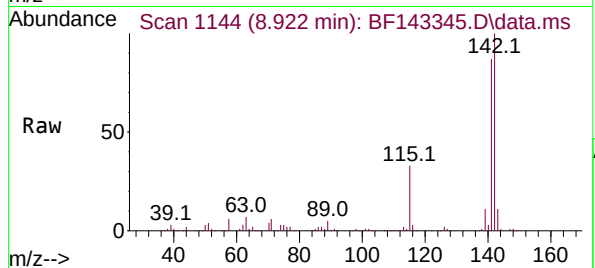
Tgt Ion:107 Resp: 82681
Ion Ratio Lower Upper
107 100
144 25.4 20.0 30.0
142 80.4 61.3 91.9





#37
2-Methylnaphthalene
Concen: 10.641 ng
RT: 8.922 min Scan# 1145
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

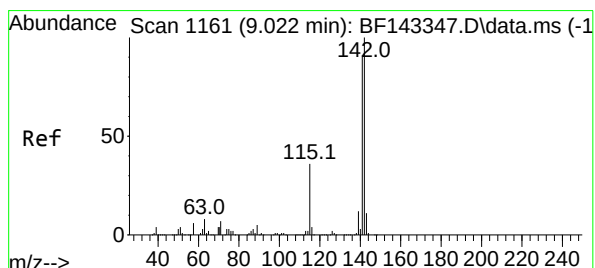
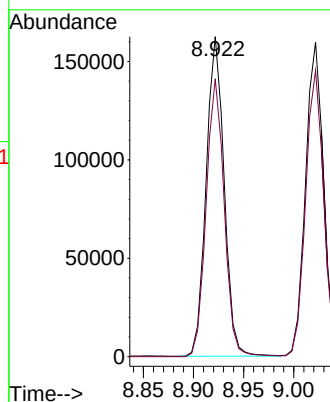
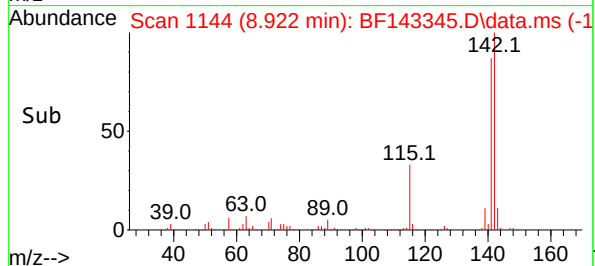
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:142 Resp: 20320
Ion Ratio Lower Upper
142 100
141 86.9 69.8 104.8

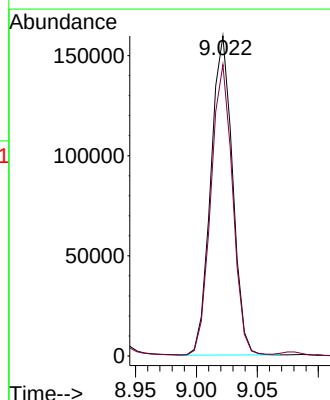
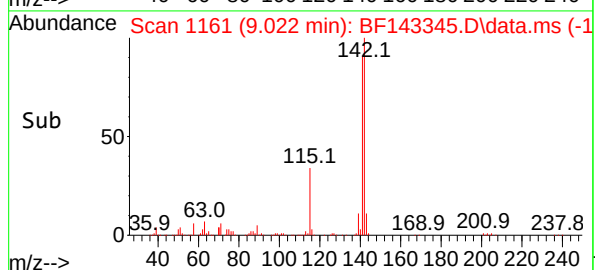
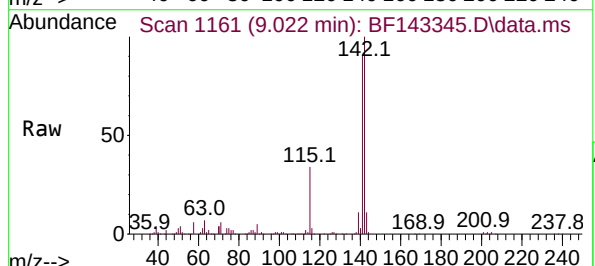
Manual Integrations
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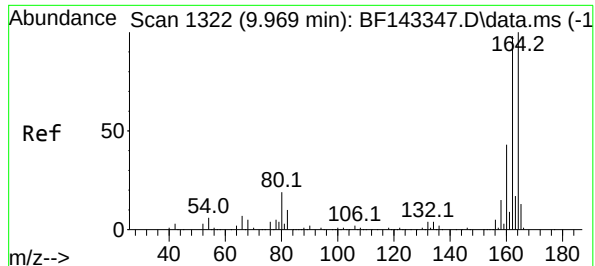
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025



#38
1-Methylnaphthalene
Concen: 10.738 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:142 Resp: 197497
Ion Ratio Lower Upper
142 100
141 91.0 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.963 min Scan# 1172

Delta R.T. -0.006 min

Lab File: BF143345.D

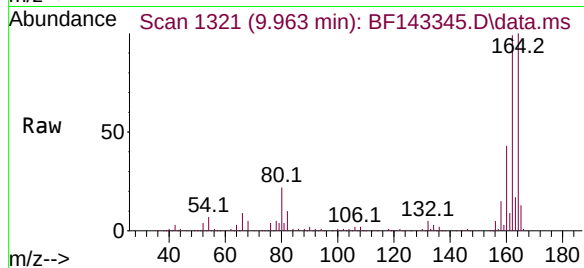
Acq: 12 Aug 2025 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

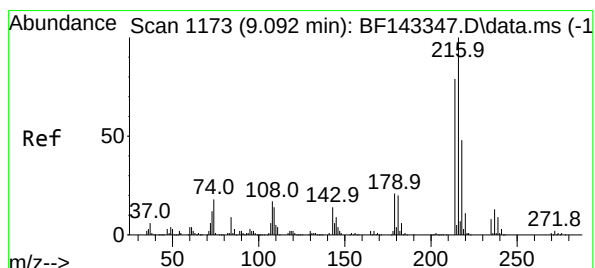
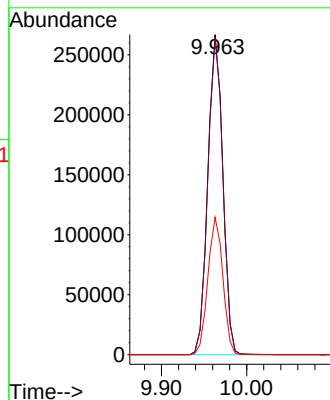
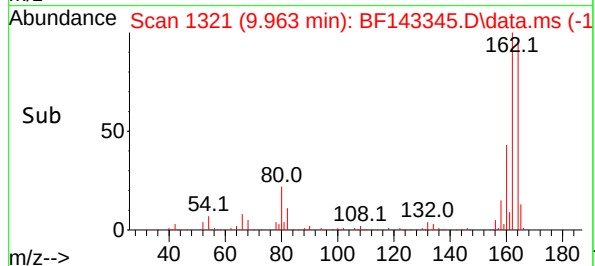


Tgt Ion:	164	Resp:	32630
Ion Ratio	Lower	Upper	
164	100		
162	99.3	78.6	118.0
160	42.9	34.4	51.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025



#40

1,2,4,5-Tetrachlorobenzene

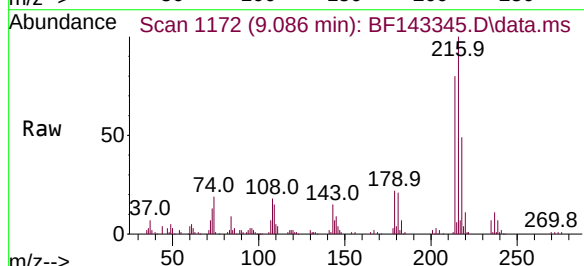
Concen: 10.338 ng

RT: 9.086 min Scan# 1172

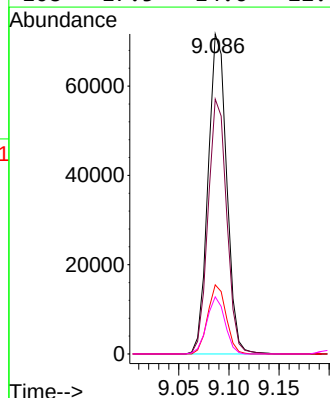
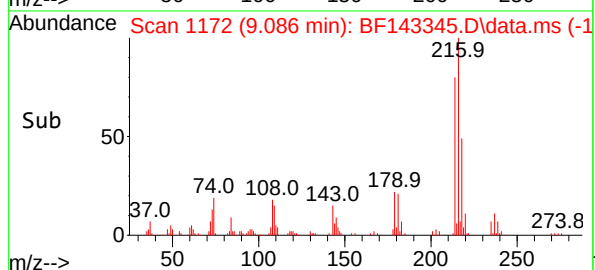
Delta R.T. -0.006 min

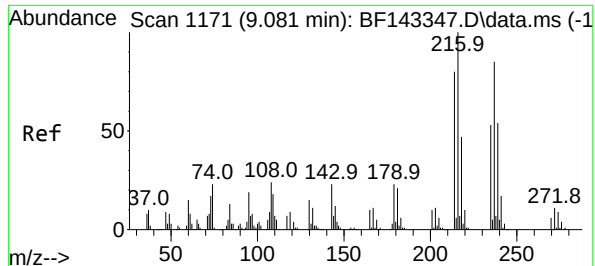
Lab File: BF143345.D

Acq: 12 Aug 2025 10:04



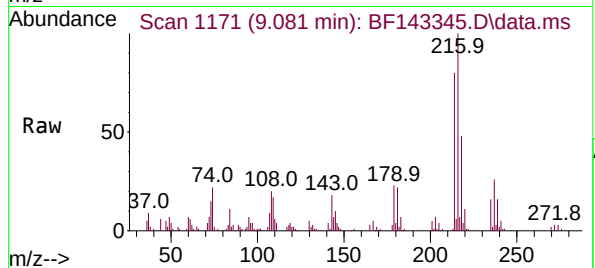
Tgt Ion:	216	Resp:	92307
Ion Ratio	Lower	Upper	
216	100		
214	79.7	63.0	94.4
179	21.3	17.0	25.4
108	17.5	14.6	22.0





#41
Hexachlorocyclopentadiene
Concen: 10.801 ng
RT: 9.081 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

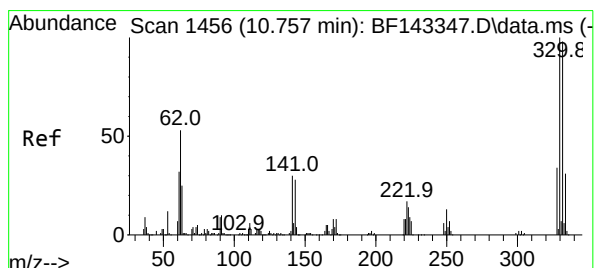
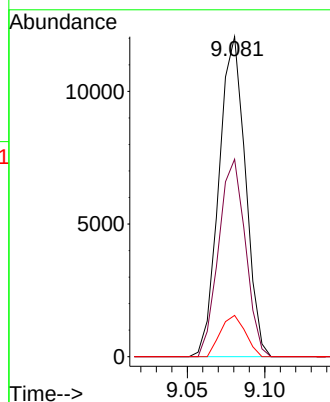
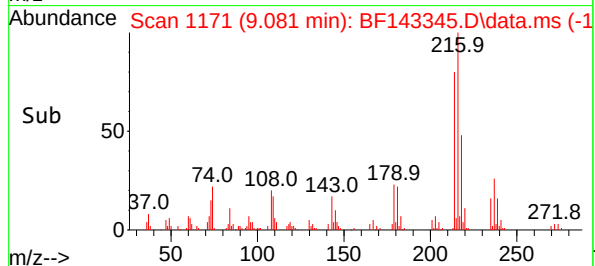
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



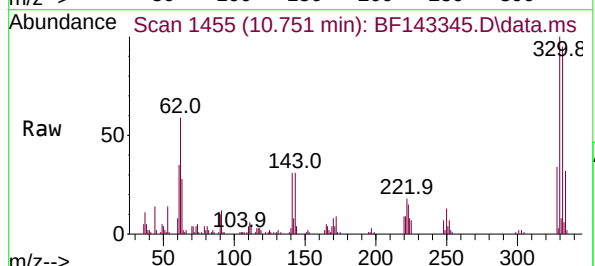
Tgt Ion: 237 Resp: 1434
Ion Ratio Lower Upper
237 100
235 61.7 42.0 82.0
272 12.9 0.0 32.6

Manual Integrations
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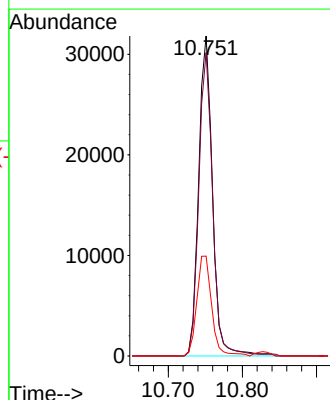
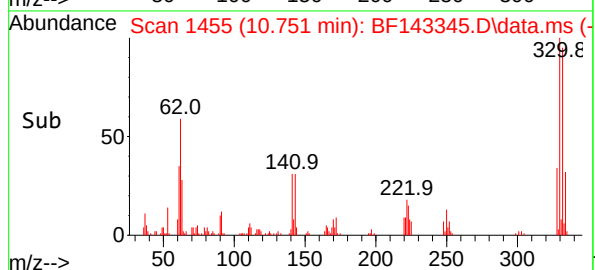
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

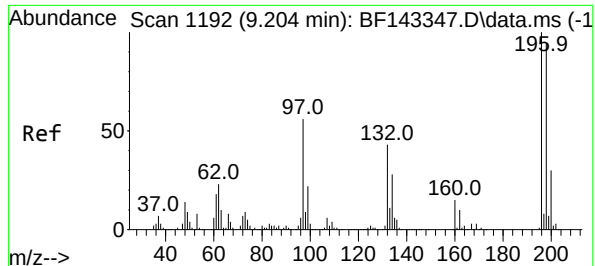


#42
2,4,6-Tribromophenol
Concen: 17.317 ng
RT: 10.751 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04



Tgt Ion: 330 Resp: 41296
Ion Ratio Lower Upper
330 100
332 94.7 78.1 117.1
141 33.4 25.4 38.0





#43

2,4,6-Trichlorophenol

Concen: 8.769 ng

RT: 9.198 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF143345.D

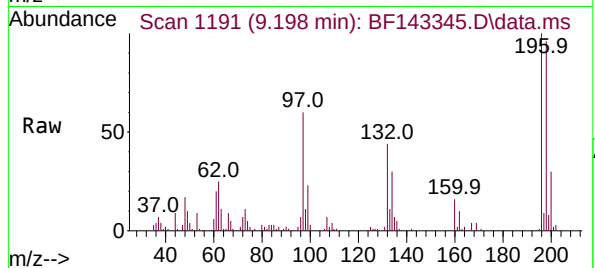
Acq: 12 Aug 2025 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



Tgt Ion:196 Resp: 44424

Ion Ratio Lower Upper

196 100

198 96.0 75.4 113.0

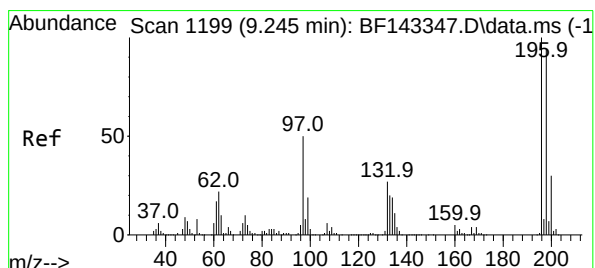
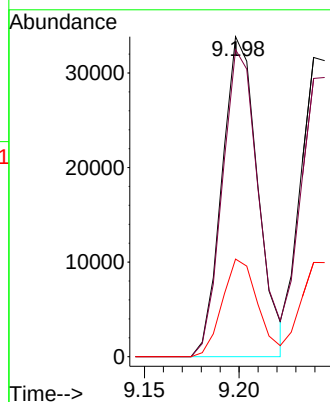
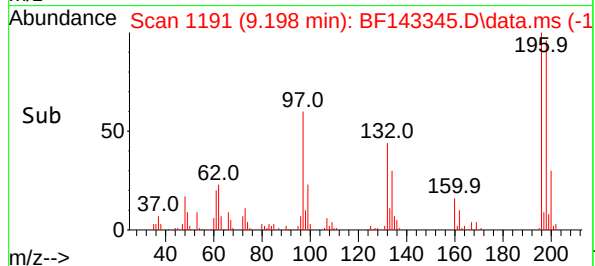
200 30.5 24.3 36.5

Manual Integrations

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Reviewed By :Rahul Chavli 08/13/2025

Supervised By :Jagrut Upadhyay 08/13/2025



#44

2,4,5-Trichlorophenol

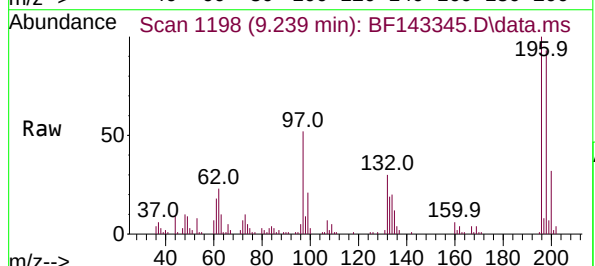
Concen: 8.786 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF143345.D

Acq: 12 Aug 2025 10:04



Tgt Ion:196 Resp: 50263

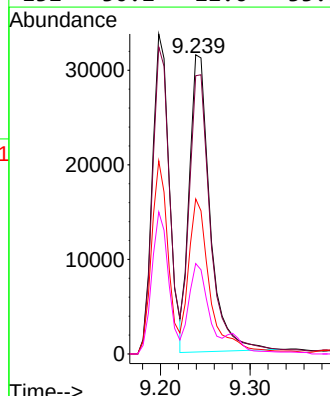
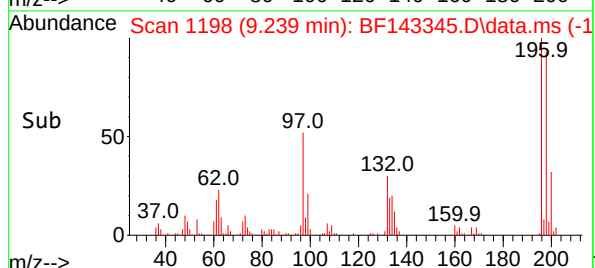
Ion Ratio Lower Upper

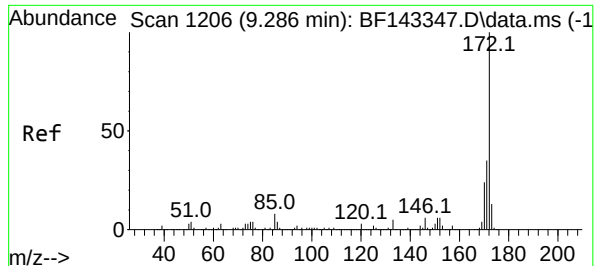
196 100

198 93.0 75.4 113.2

97 51.8 39.9 59.9

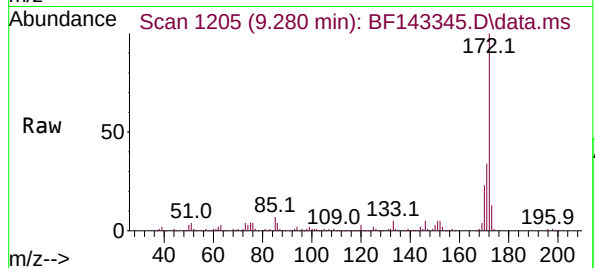
132 30.2 22.6 33.8





#45
2-Fluorobiphenyl
Concen: 22.583 ng
RT: 9.280 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

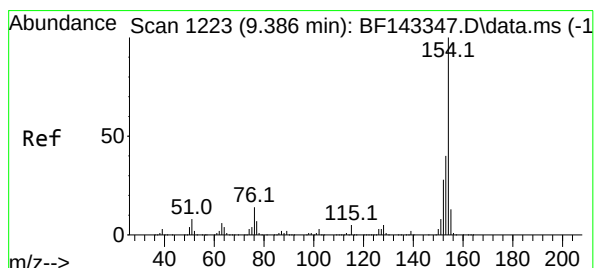
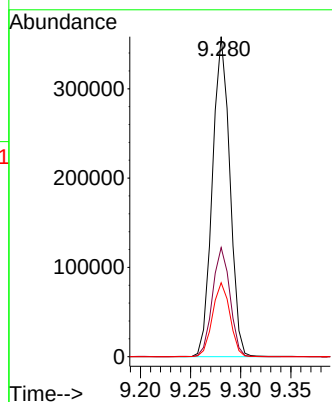
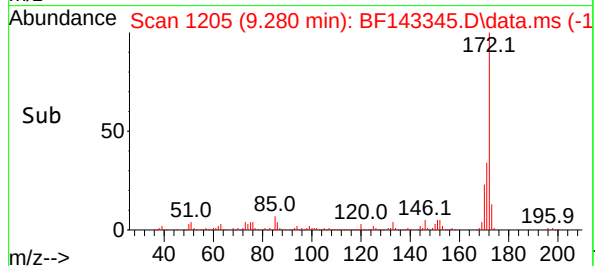
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:172 Resp: 434554
Ion Ratio Lower Upper
172 100
171 34.1 28.4 42.6
170 23.1 19.1 28.7

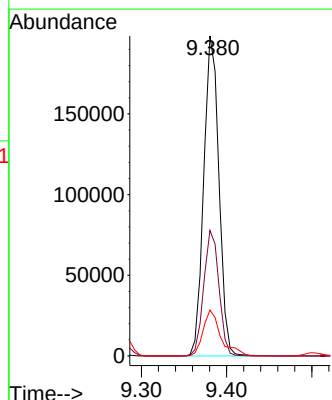
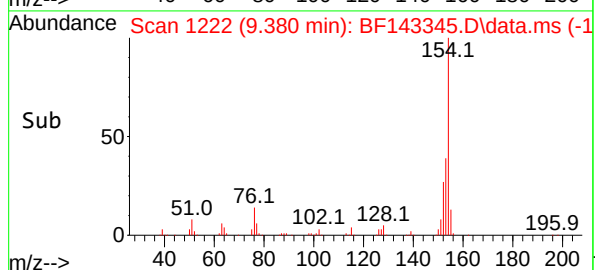
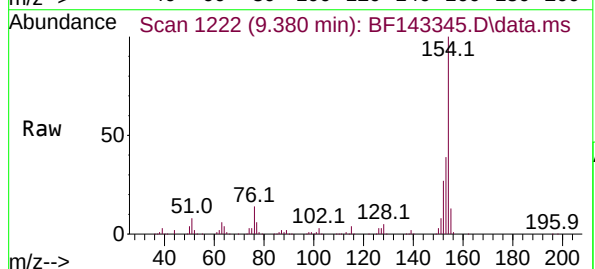
Manual Integrations
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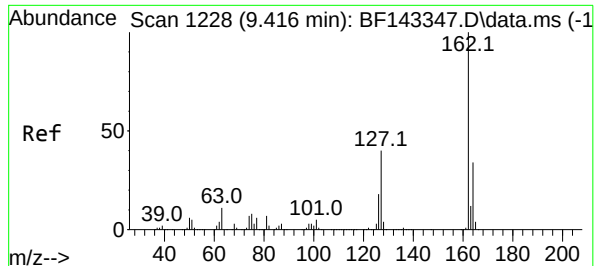
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025



#46
1,1'-Biphenyl
Concen: 10.647 ng
RT: 9.380 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:154 Resp: 245641
Ion Ratio Lower Upper
154 100
153 39.3 20.2 60.2
76 14.4 0.0 34.4





#47

2-Chloronaphthalene

Concen: 10.556 ng

RT: 9.410 min Scan# 1228

Delta R.T. -0.006 min

Lab File: BF143345.D

Acq: 12 Aug 2025 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:162 Resp: 191809

Ion Ratio Lower Upper

162 100

127 39.0 32.1 48.1

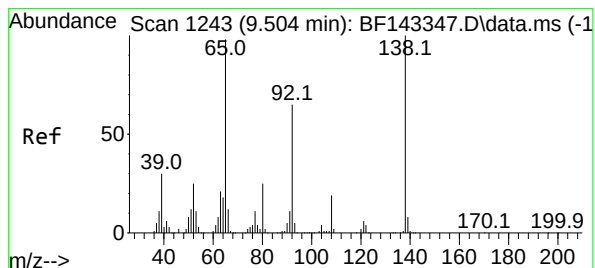
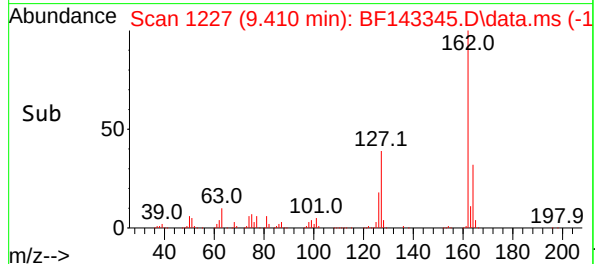
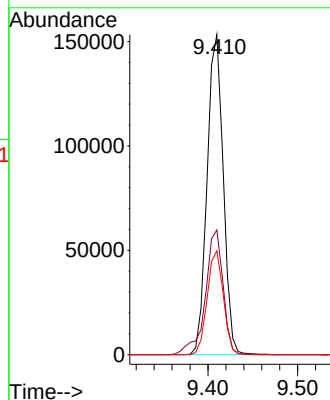
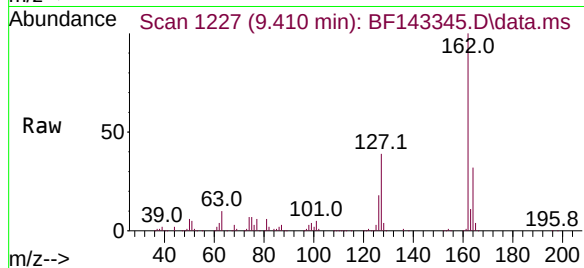
164 32.5 27.0 40.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/13/2025

Supervised By :Jagrut Upadhyay 08/13/2025



#48

2-Nitroaniline

Concen: 9.319 ng

RT: 9.498 min Scan# 1242

Delta R.T. -0.006 min

Lab File: BF143345.D

Acq: 12 Aug 2025 10:04

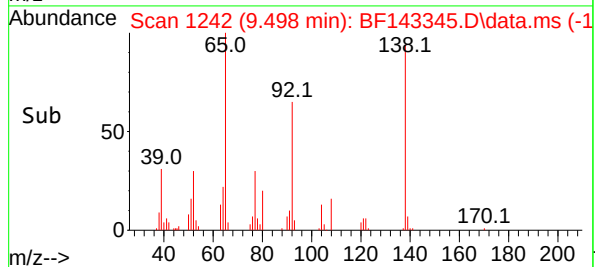
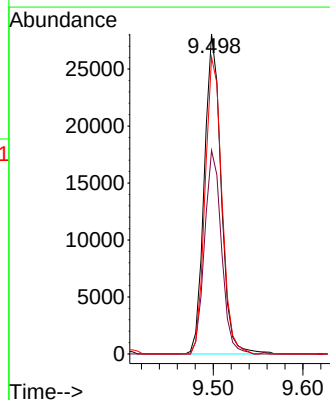
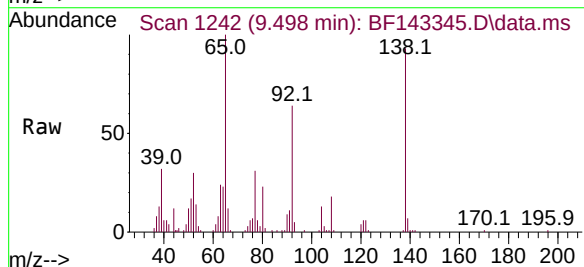
Tgt Ion: 65 Resp: 36444

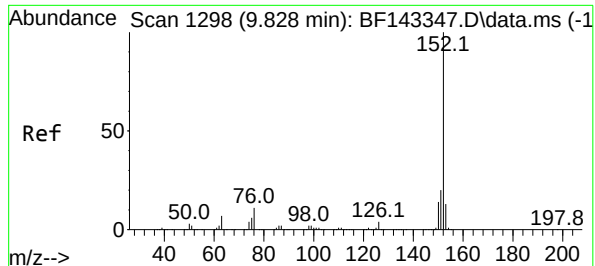
Ion Ratio Lower Upper

65 100

92 63.6 53.1 79.7

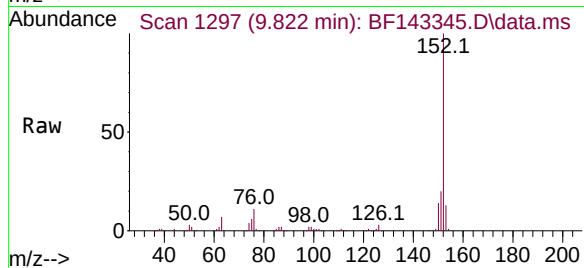
138 92.7 81.4 122.0





#49
Acenaphthylene
Concen: 10.459 ng
RT: 9.822 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

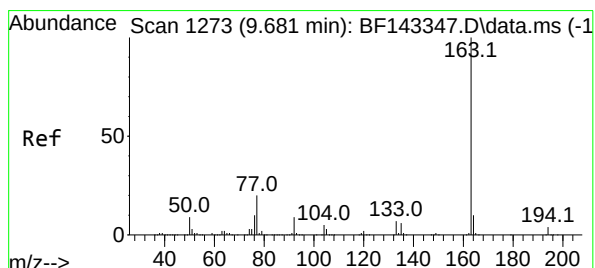
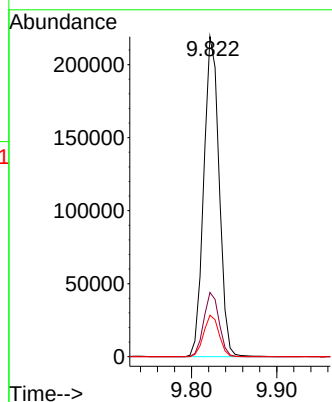
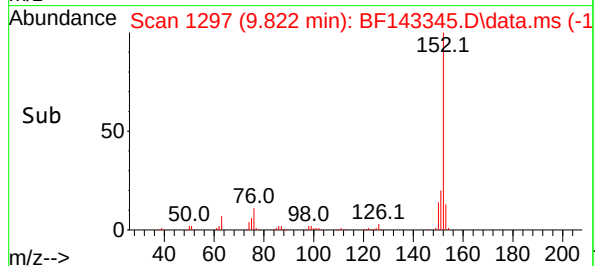
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



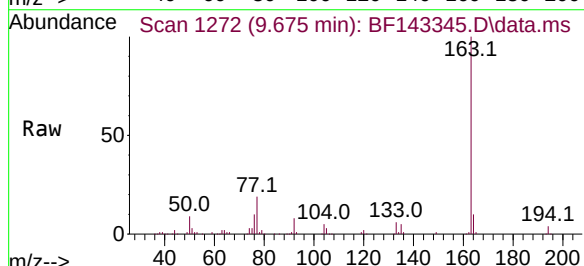
Tgt Ion:152 Resp: 27444
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 13.0 10.6 16.0

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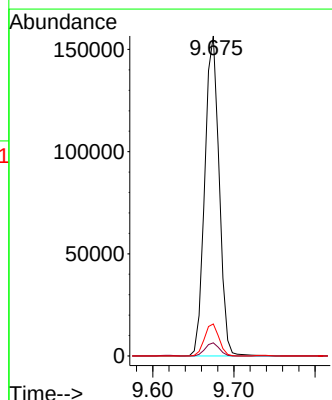
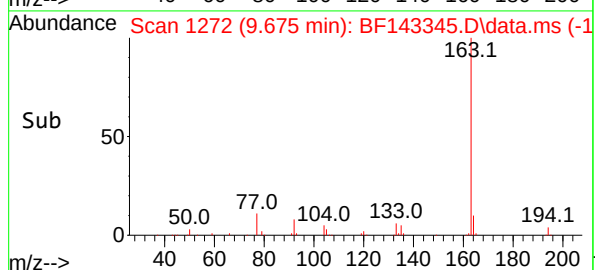
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

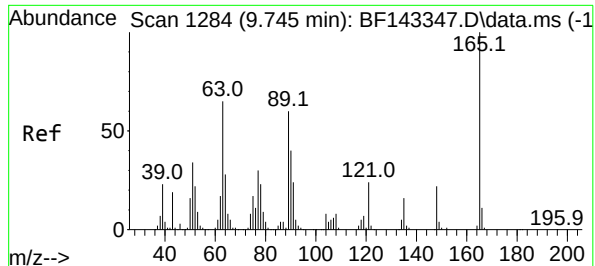


#50
Dimethylphthalate
Concen: 10.081 ng
RT: 9.675 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04



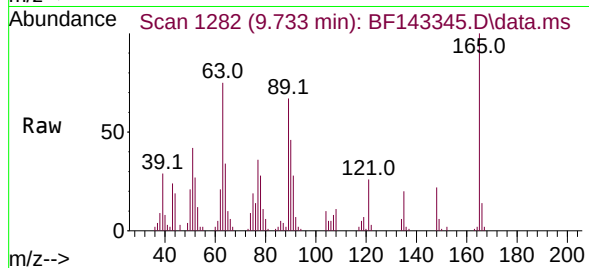
Tgt Ion:163 Resp: 192210
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.0 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 9.205 ng
RT: 9.733 min Scan# 1282
Delta R.T. -0.012 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

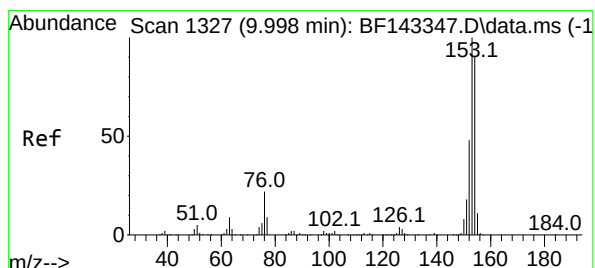
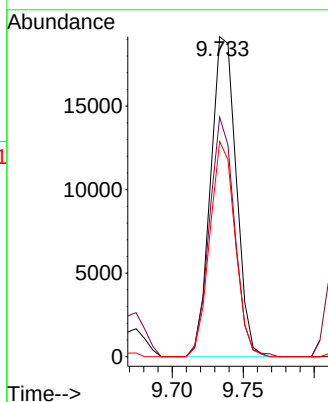
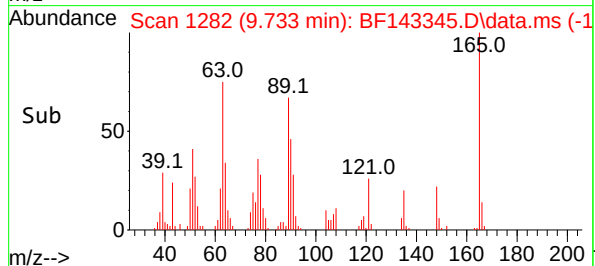
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:165 Resp: 2400
Ion Ratio Lower Upper
165 100
63 74.8 51.6 77.4
89 67.3 47.7 71.5

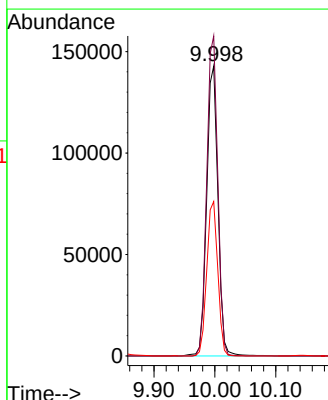
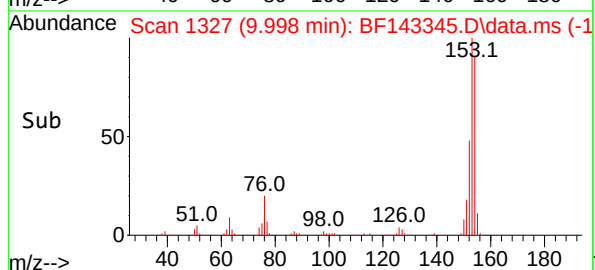
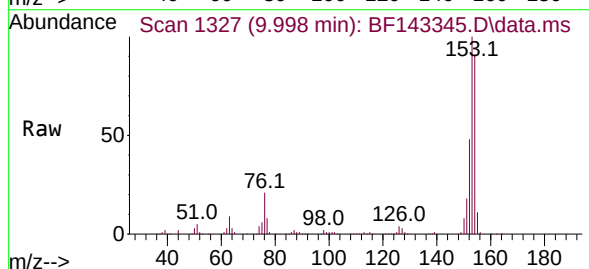
Manual Integrations
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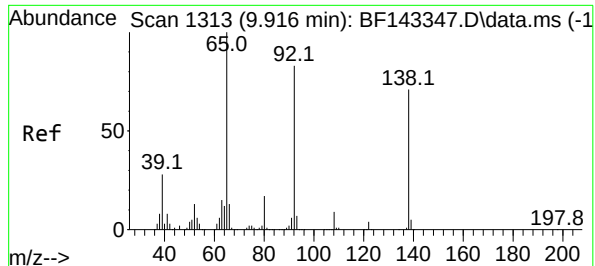
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025



#52
Acenaphthene
Concen: 10.543 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

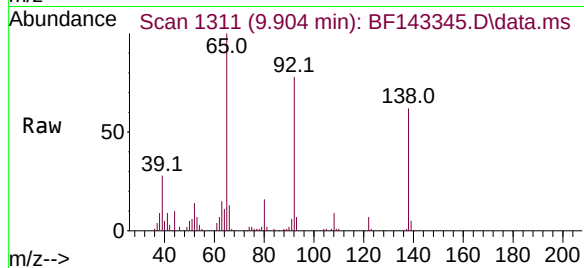
Tgt Ion:154 Resp: 183915
Ion Ratio Lower Upper
154 100
153 110.3 88.5 132.7
152 53.3 42.4 63.6





#53
3-Nitroaniline
Concen: 8.069 ng
RT: 9.904 min Scan# 1311
Delta R.T. -0.012 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

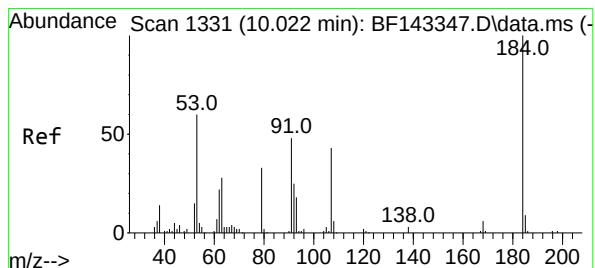
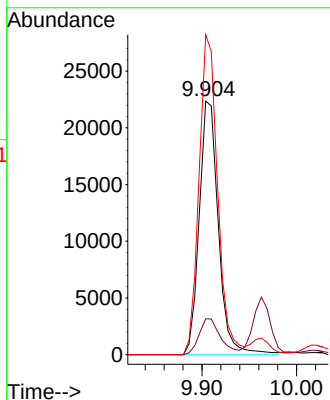
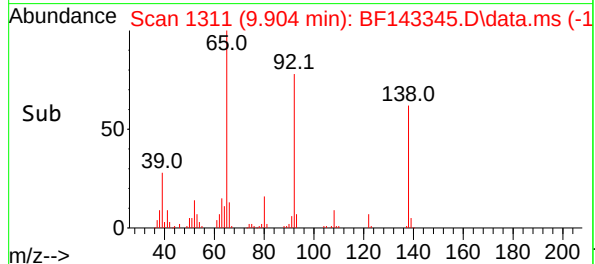
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:138 Resp: 3150
Ion Ratio Lower Upper
138 100
108 14.1 9.6 14.4
92 126.2 93.4 140.2

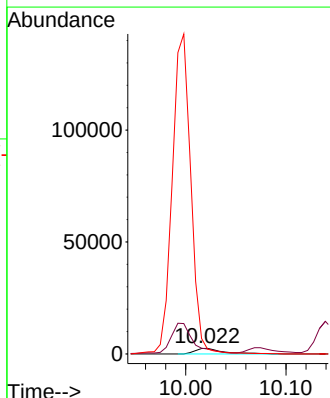
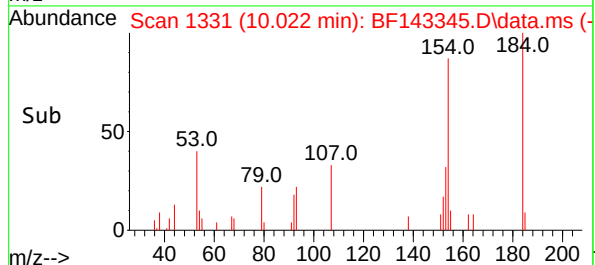
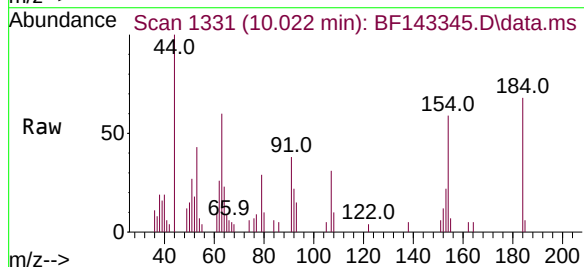
Manual Integrations
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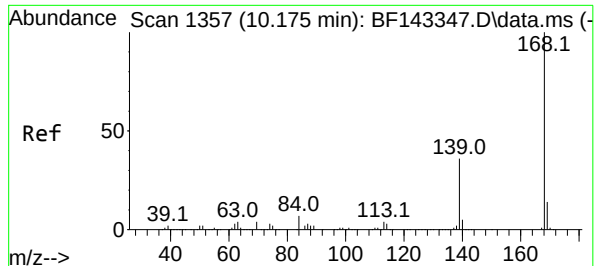
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025



#54
2,4-Dinitrophenol
Concen: 10.356 ng
RT: 10.022 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

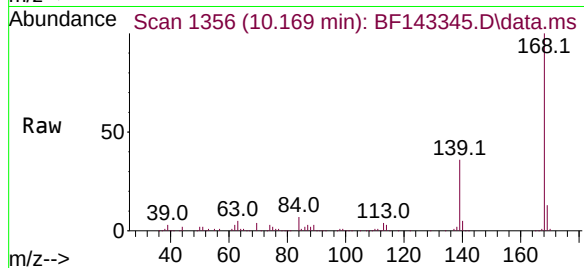
Tgt Ion:184 Resp: 4834
Ion Ratio Lower Upper
184 100
63 88.5 62.5 93.7
154 87.3 73.0 109.4





#55
Dibenzenofuran
Concen: 10.660 ng
RT: 10.169 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

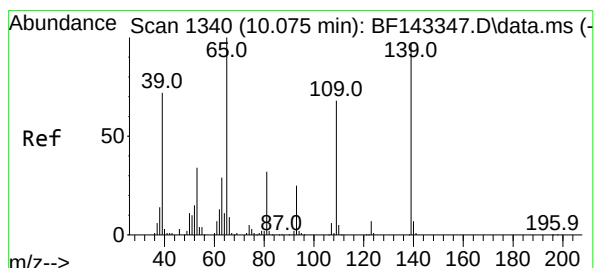
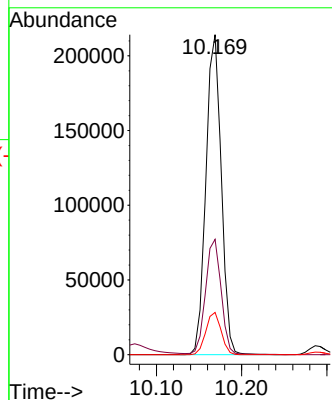
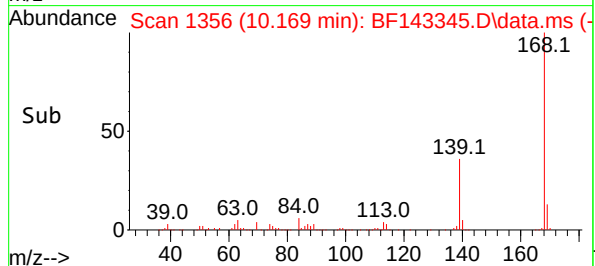
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:168 Resp: 26765
Ion Ratio Lower Upper
168 100
139 36.0 29.4 44.0
169 13.2 11.0 16.6

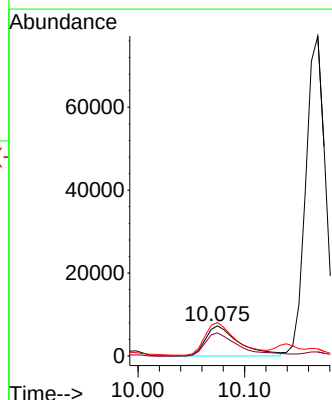
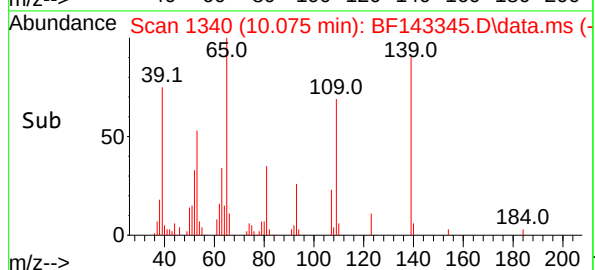
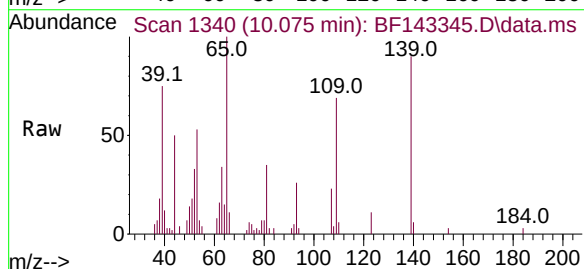
Manual Integrations
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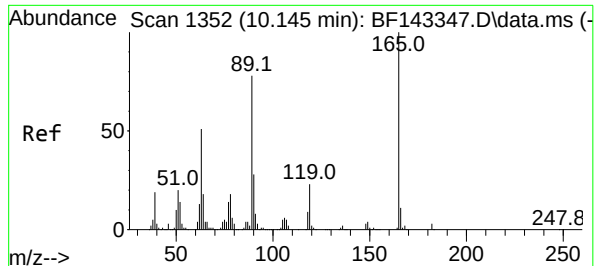
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025



#56
4-Nitrophenol
Concen: 10.166 ng
RT: 10.075 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

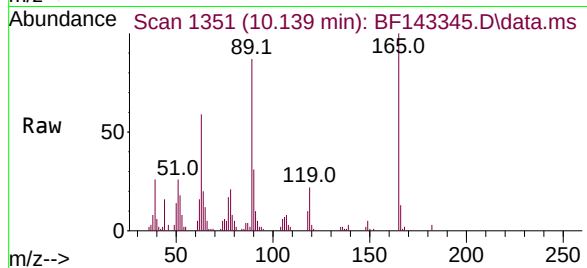
Tgt Ion:139 Resp: 15708
Ion Ratio Lower Upper
139 100
109 76.4 49.4 89.4
65 111.1 83.7 123.7





#57
2,4-Dinitrotoluene
Concen: 9.126 ng
RT: 10.139 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

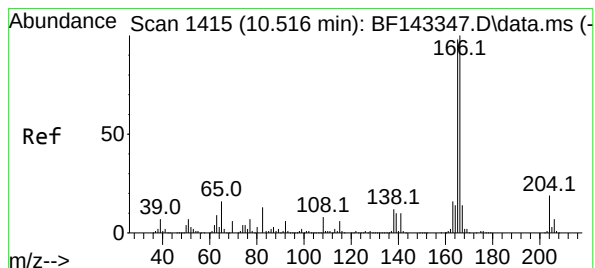
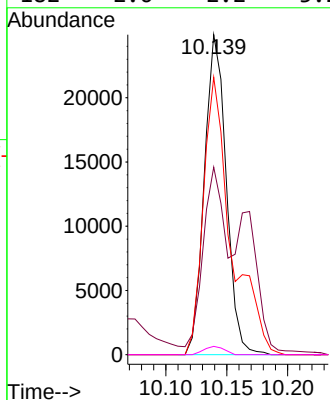
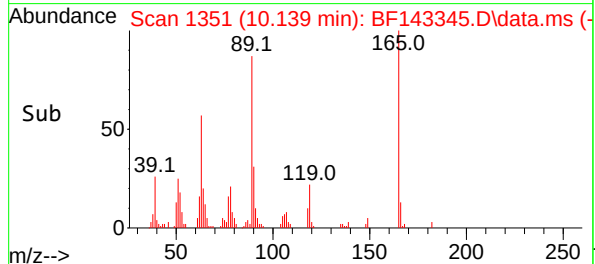
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:165 Resp: 31220
Ion Ratio Lower Upper
165 100
63 58.6 41.8 62.8
89 86.7 62.4 93.6
182 2.6 2.2 3.2

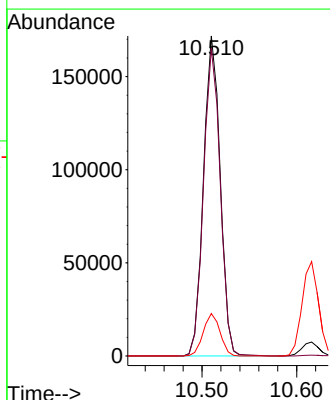
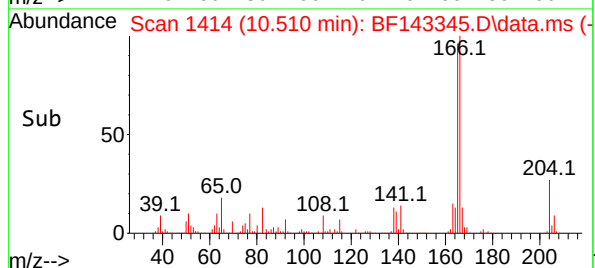
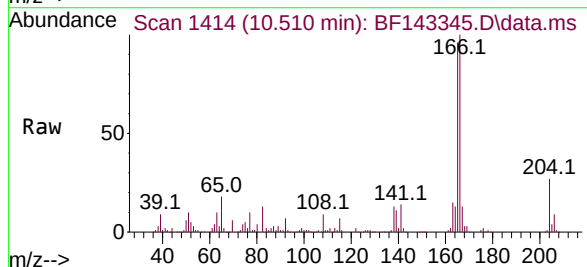
Manual Integrations
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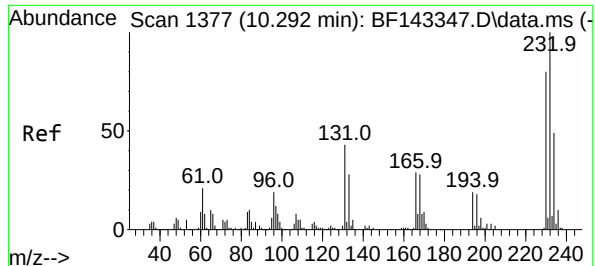
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025



#58
Fluorene
Concen: 10.959 ng
RT: 10.510 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

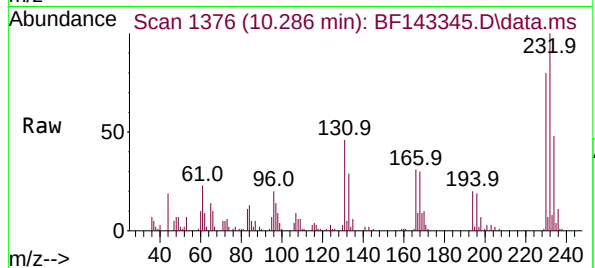
Tgt Ion:166 Resp: 210161
Ion Ratio Lower Upper
166 100
165 96.1 78.2 117.4
167 13.3 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 7.955 ng
RT: 10.286 min Scan# 1376
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

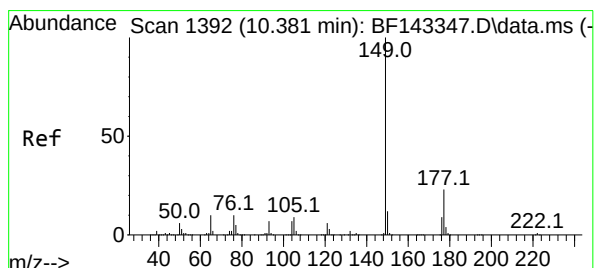
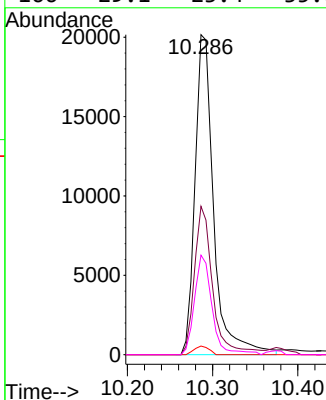
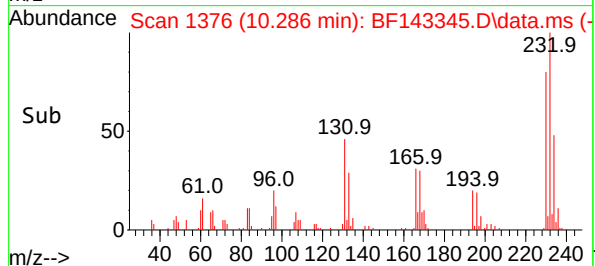
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



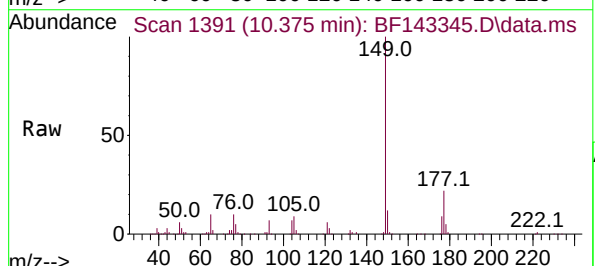
Tgt Ion:232 Resp: 3068
Ion Ratio Lower Upper
232 100
131 45.6 34.6 51.8
130 2.1 1.7 2.5
166 29.1 23.4 35.0

Manual Integrations
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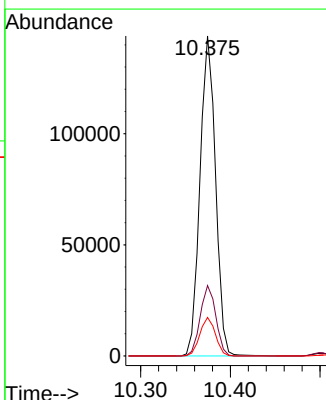
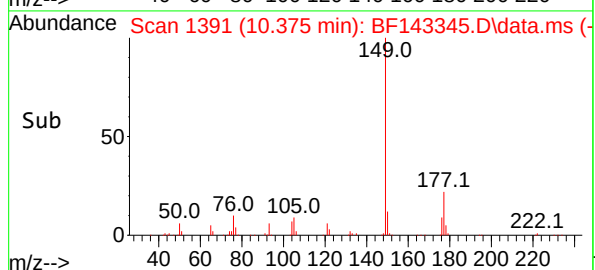
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

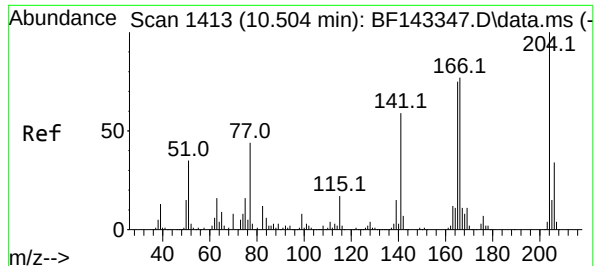


#60
Diethylphthalate
Concen: 10.137 ng
RT: 10.375 min Scan# 1391
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04



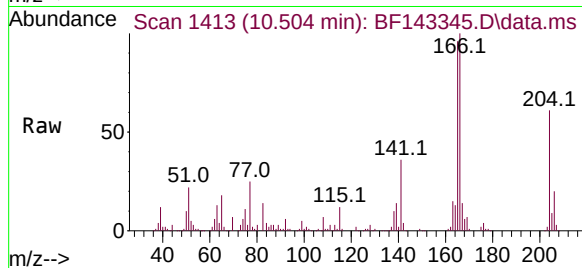
Tgt Ion:149 Resp: 173119
Ion Ratio Lower Upper
149 100
177 22.0 18.2 27.2
150 12.0 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 10.575 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

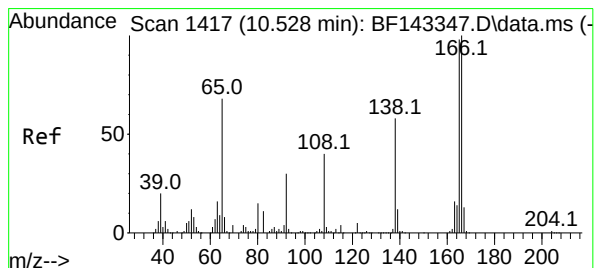
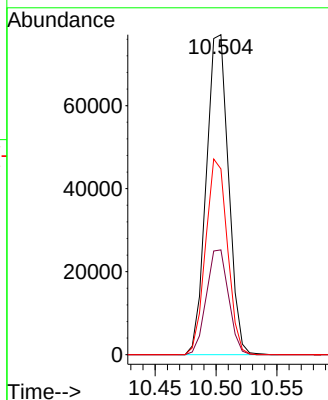
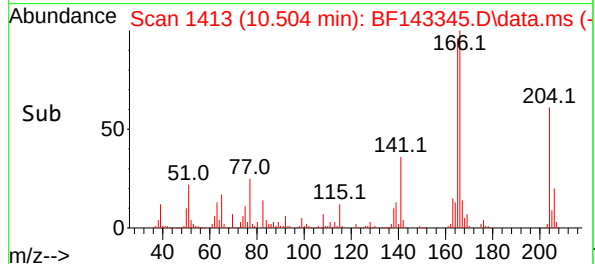
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:204 Resp: 97989
Ion Ratio Lower Upper
204 100
206 32.7 27.4 41.2
141 58.0 46.9 70.3

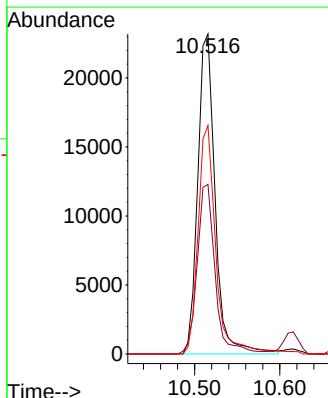
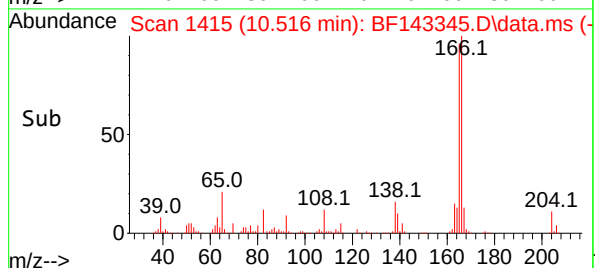
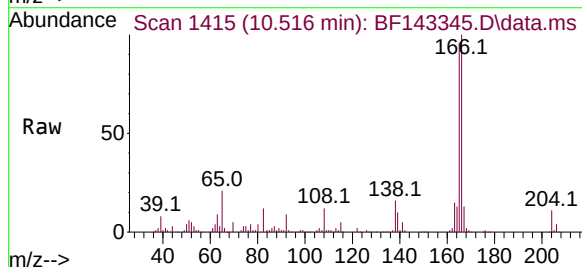
Manual Integrations
APPROVED

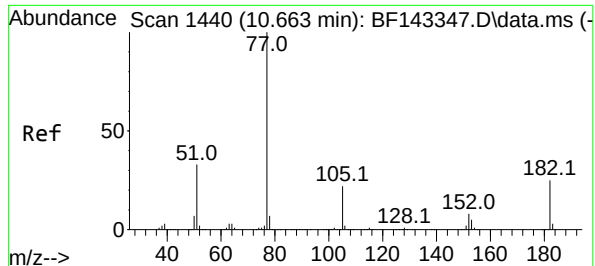
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025



#62
4-Nitroaniline
Concen: 8.714 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

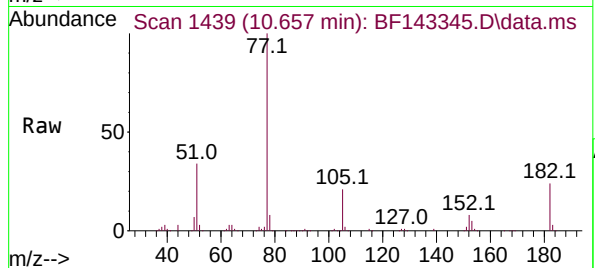
Tgt Ion:138 Resp: 32919
Ion Ratio Lower Upper
138 100
92 53.0 31.2 71.2
108 71.4 48.1 88.1





#63
Azobenzene
Concen: 10.272 ng
RT: 10.657 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

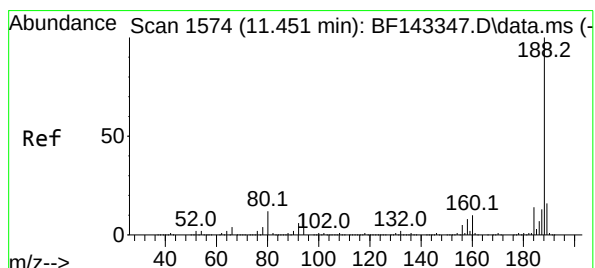
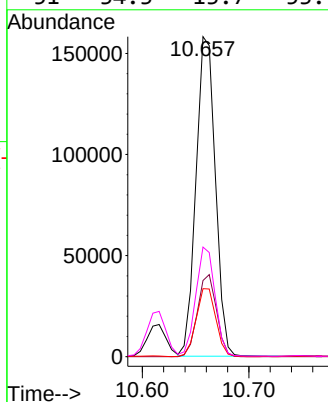
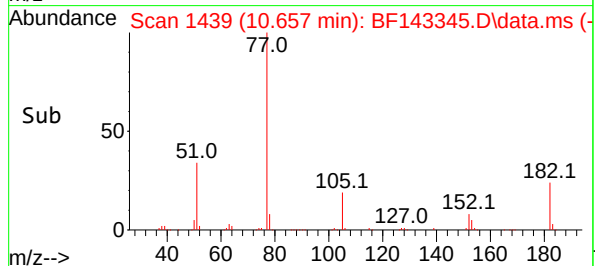
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



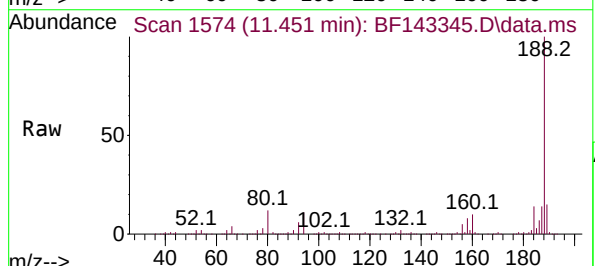
Tgt Ion: 77 Resp: 20036
Ion Ratio Lower Upper
77 100
182 23.8 4.4 44.4
105 21.3 1.8 41.8
51 34.3 13.7 53.7

Manual Integrations
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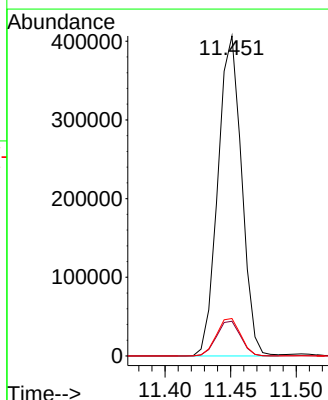
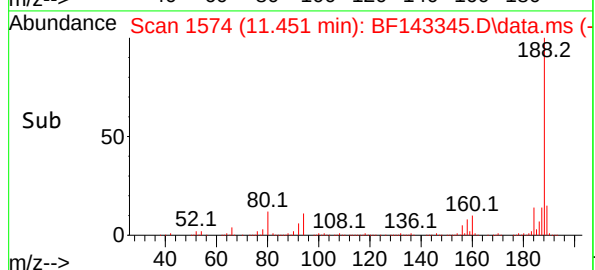
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

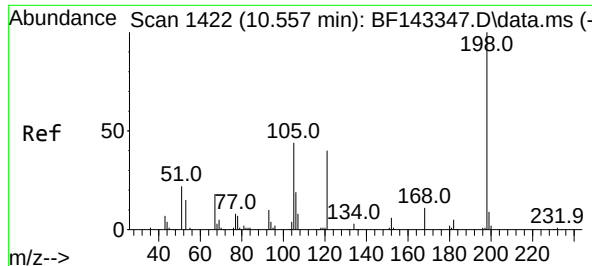


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04



Tgt Ion:188 Resp: 511556
Ion Ratio Lower Upper
188 100
94 10.8 8.8 13.2
80 11.7 9.7 14.5





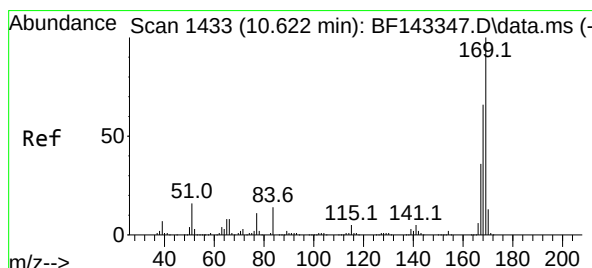
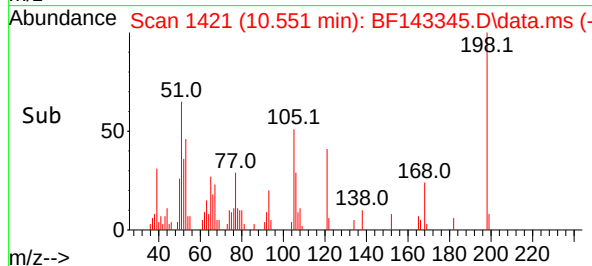
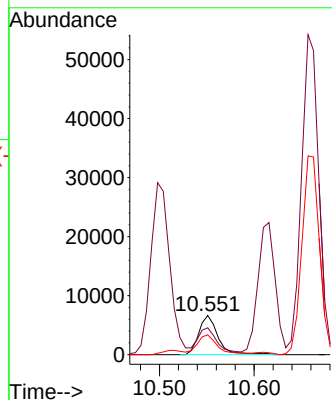
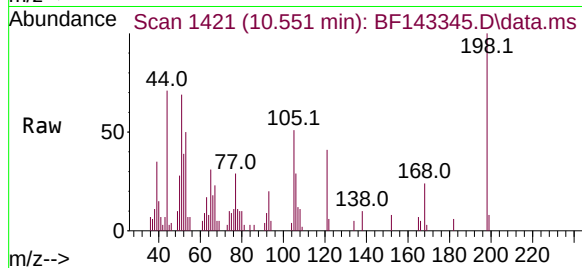
#65
4,6-Dinitro-2-methylphenol
Concen: 11.085 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:198 Resp: 932
Ion Ratio Lower Upper
198 100
51 68.6 41.7 81.7
105 50.8 26.8 66.8

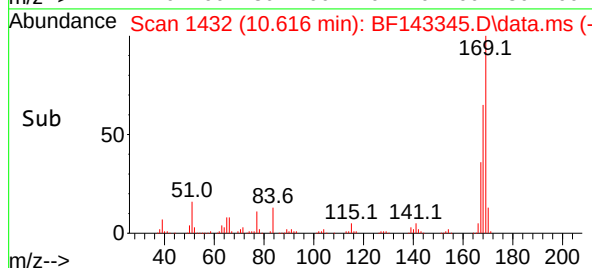
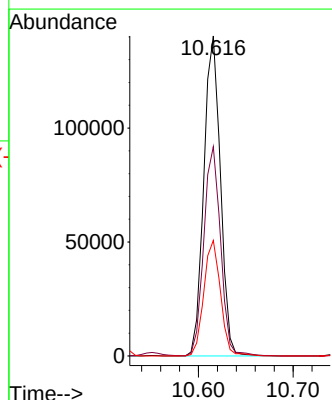
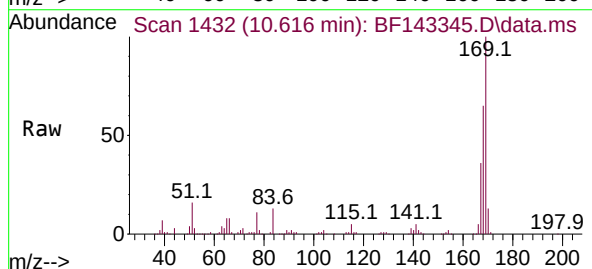
Manual Integrations
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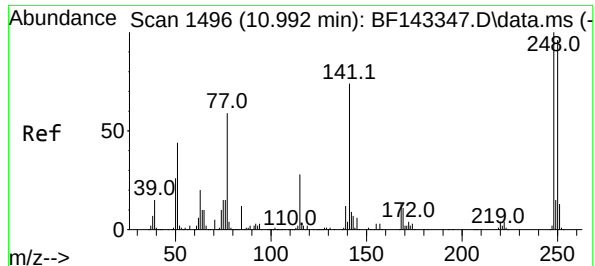
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025



#66
n-Nitrosodiphenylamine
Concen: 10.169 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

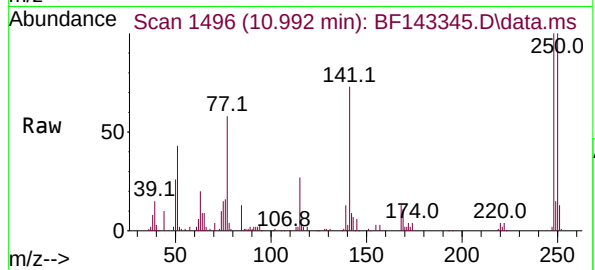
Tgt Ion:169 Resp: 171289
Ion Ratio Lower Upper
169 100
168 65.4 52.7 79.1
167 36.1 28.6 42.8





#67
4-Bromophenyl-phenylether
Concen: 9.712 ng
RT: 10.992 min Scan# 1496
Delta R.T. -0.000 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

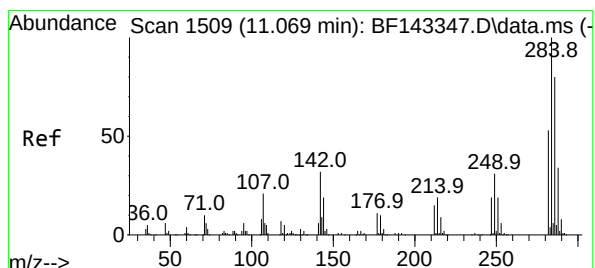
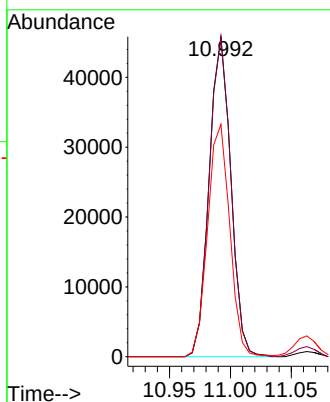
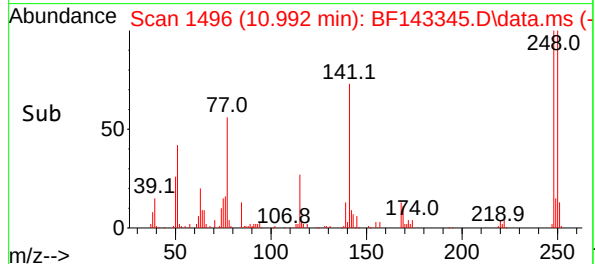
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



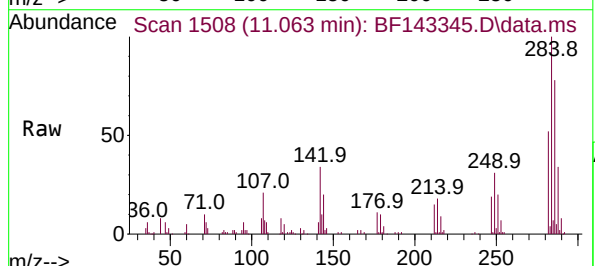
Tgt Ion:248 Resp: 56818
Ion Ratio Lower Upper
248 100
250 99.7 77.1 115.7
141 72.6 59.1 88.7

Manual Integrations
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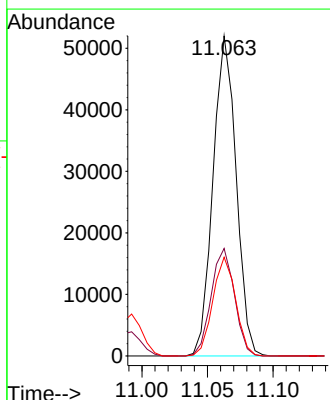
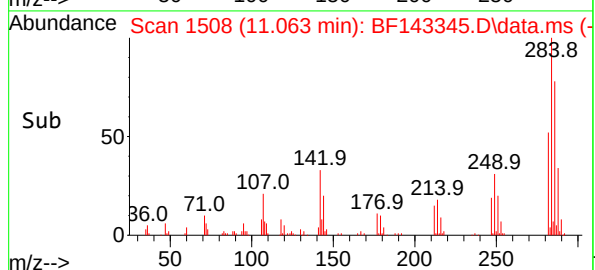
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

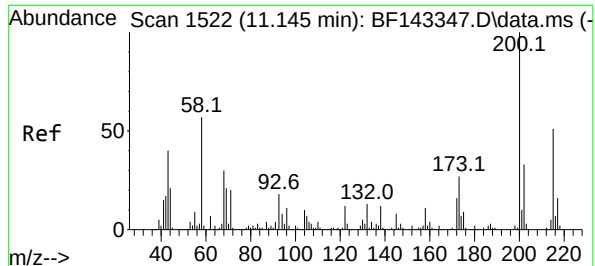


#68
Hexachlorobenzene
Concen: 10.091 ng
RT: 11.063 min Scan# 1508
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04



Tgt Ion:284 Resp: 63639
Ion Ratio Lower Upper
284 100
142 33.6 25.7 38.5
249 30.9 24.6 37.0





#69

Atrazine

Concen: 9.133 ng

RT: 11.139 min Scan# 1521

Delta R.T. -0.006 min

Lab File: BF143345.D

Acq: 12 Aug 2025 10:04

Instrument :

BNA_F

ClientSampleId :

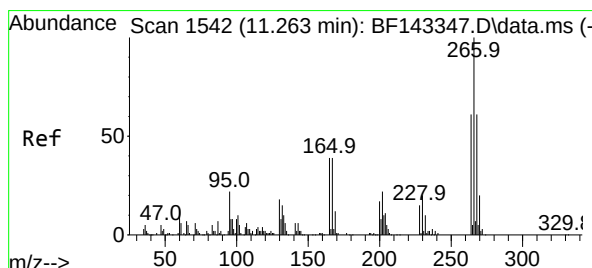
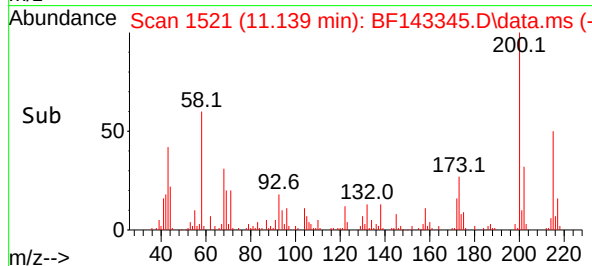
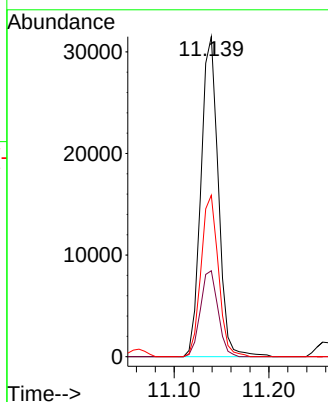
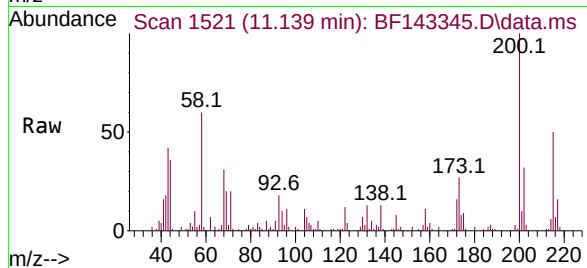
SSTDICC010

Tgt Ion:	200	Resp:	40124
Ion Ratio	Lower	Upper	
200	100		
173	26.8	6.6	46.6
215	50.5	30.6	70.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025



#70

Pentachlorophenol

Concen: 10.407 ng

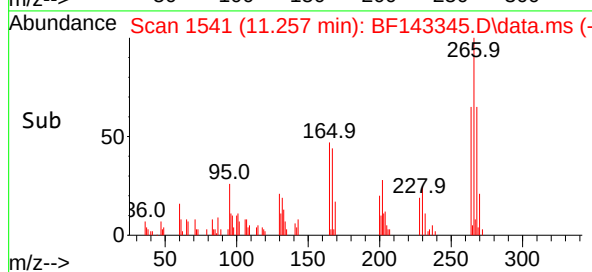
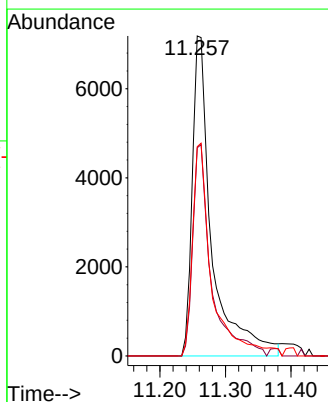
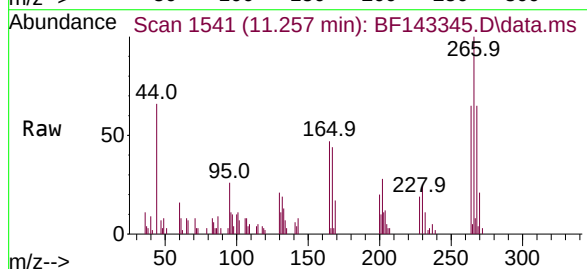
RT: 11.257 min Scan# 1541

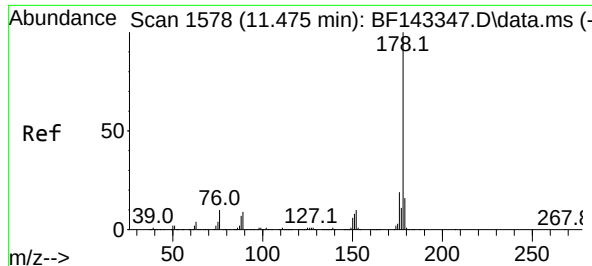
Delta R.T. -0.006 min

Lab File: BF143345.D

Acq: 12 Aug 2025 10:04

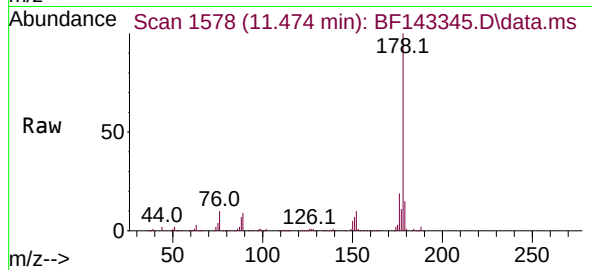
Tgt Ion:	266	Resp:	14951
Ion Ratio	Lower	Upper	
266	100		
268	65.0	48.8	73.2
264	65.4	48.8	73.2





#71
Phenanthrene
Concen: 10.620 ng
RT: 11.474 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

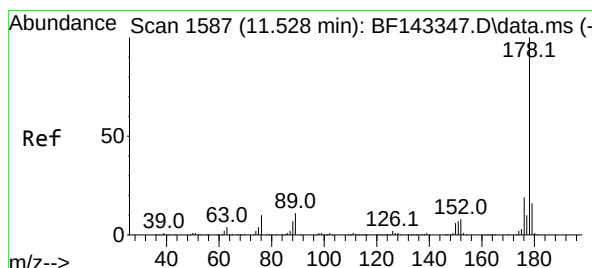
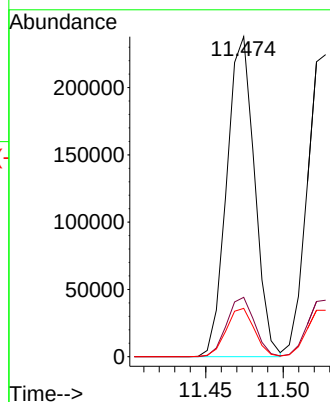
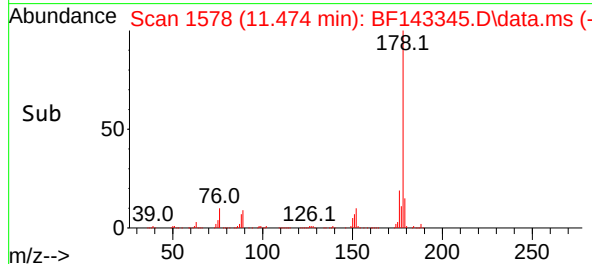
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:178 Resp: 296410
Ion Ratio Lower Upper
178 100
176 18.5 15.5 23.3
179 15.1 12.5 18.7

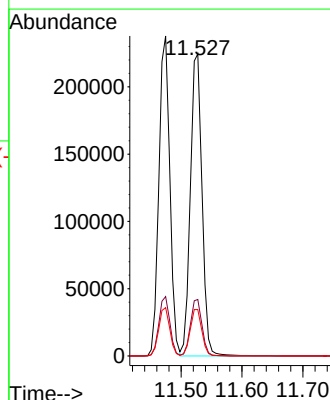
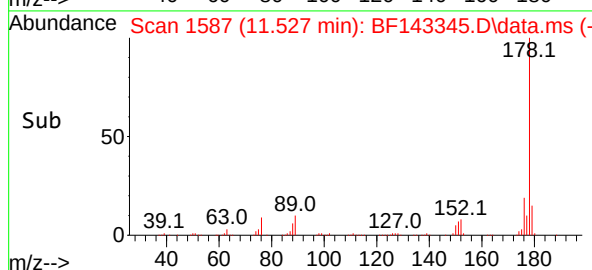
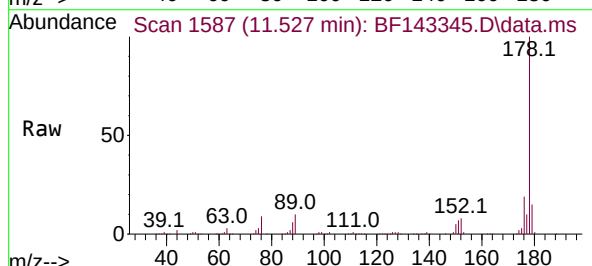
Manual Integrations
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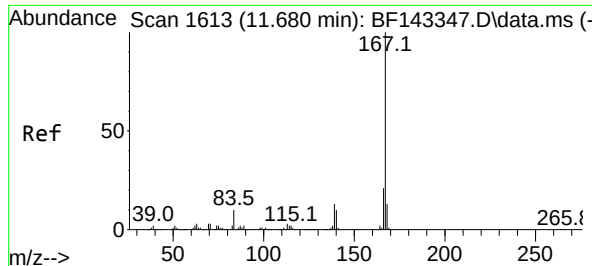
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025



#72
Anthracene
Concen: 10.559 ng
RT: 11.527 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

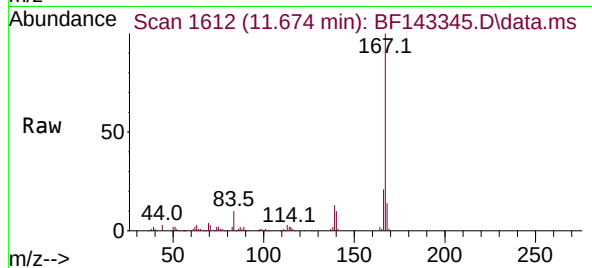
Tgt Ion:178 Resp: 298872
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 15.4 12.7 19.1





#73
Carbazole
Concen: 10.613 ng
RT: 11.674 min Scan# 1612
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

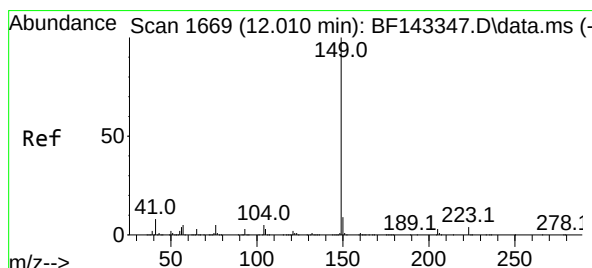
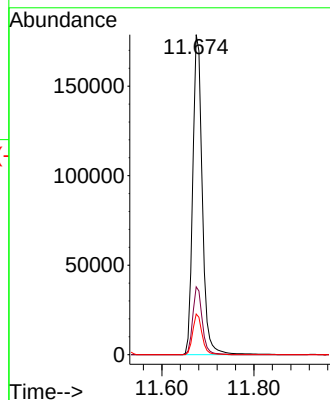
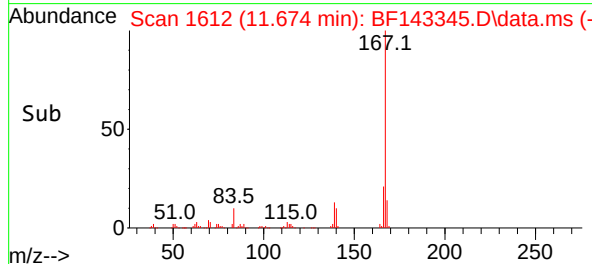
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:167 Resp: 25583
Ion Ratio Lower Upper
167 100
166 21.2 16.8 25.2
139 12.7 10.2 15.2

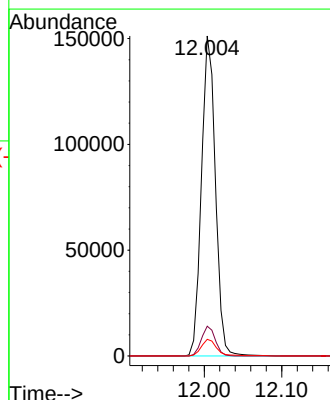
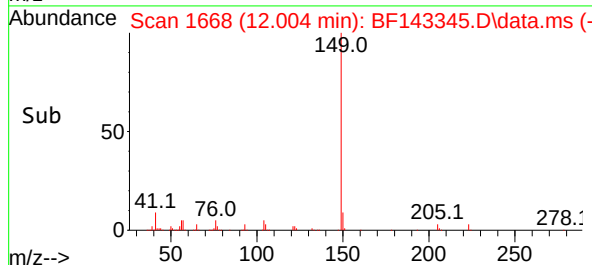
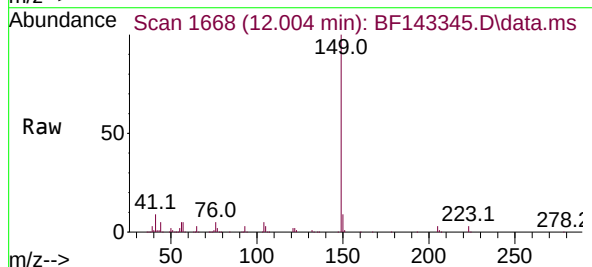
Manual Integrations
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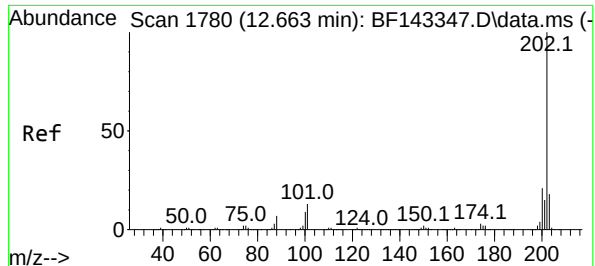
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025



#74
Di-n-butylphthalate
Concen: 9.269 ng
RT: 12.004 min Scan# 1668
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

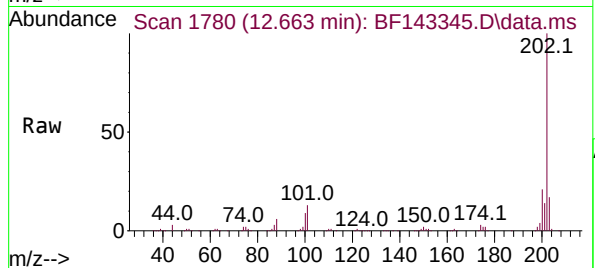
Tgt Ion:149 Resp: 189069
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.0
104 5.2 3.8 5.8





#75
Fluoranthene
Concen: 11.026 ng
RT: 12.663 min Scan# 1780
Delta R.T. -0.000 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

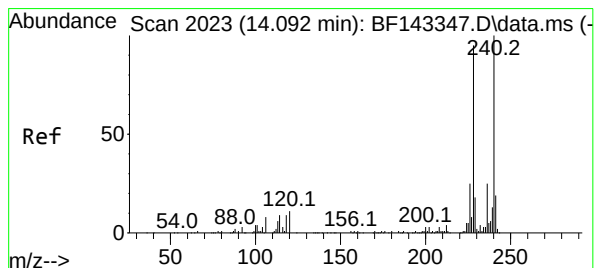
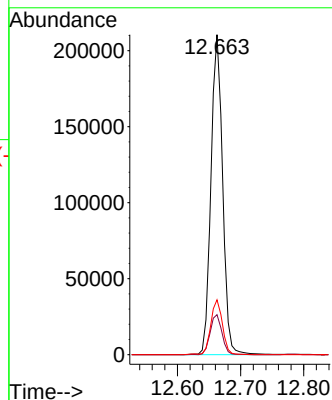
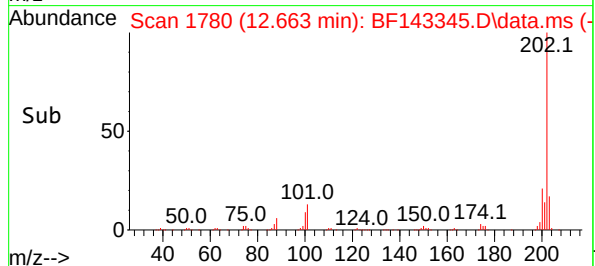
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:202 Resp: 269569
Ion Ratio Lower Upper
202 100
101 12.5 0.0 33.2
203 17.2 0.0 37.6

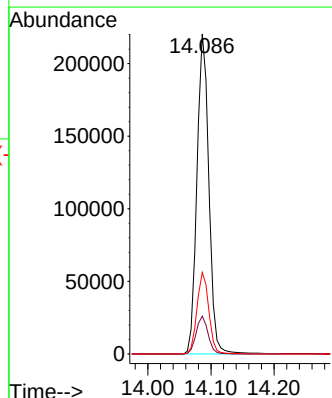
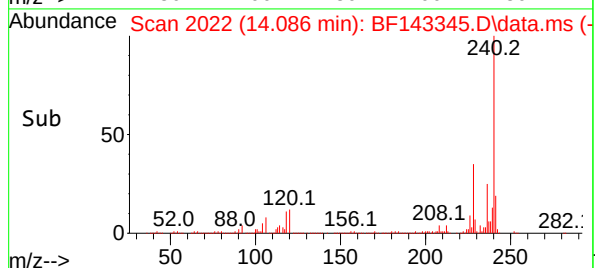
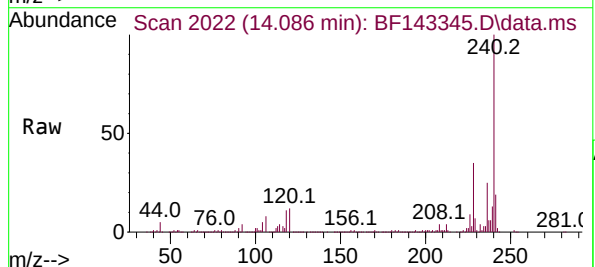
Manual Integrations
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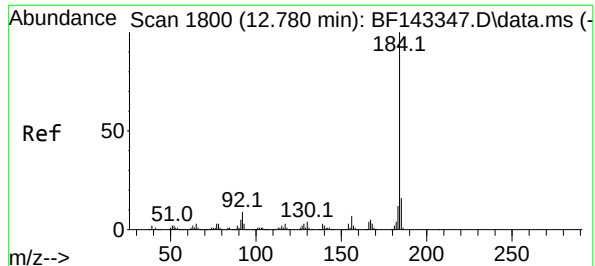
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:240 Resp: 288804
Ion Ratio Lower Upper
240 100
120 11.8 9.0 13.6
236 25.5 19.9 29.9





#77

Benzidine

Concen: 9.898 ng

RT: 12.780 min Scan# 1800

Delta R.T. -0.000 min

Lab File: BF143345.D

Acq: 12 Aug 2025 10:04

Instrument :

BNA_F

ClientSampleId :

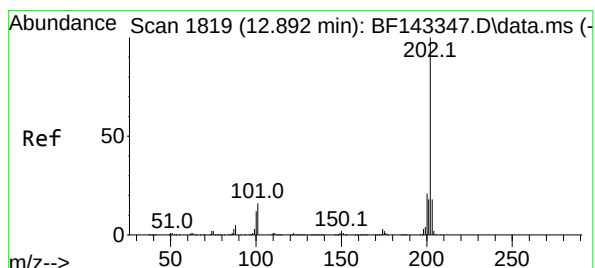
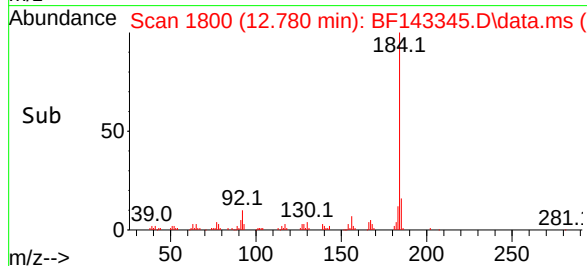
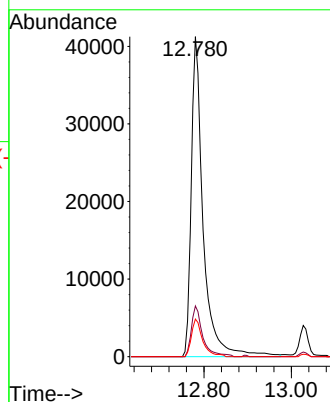
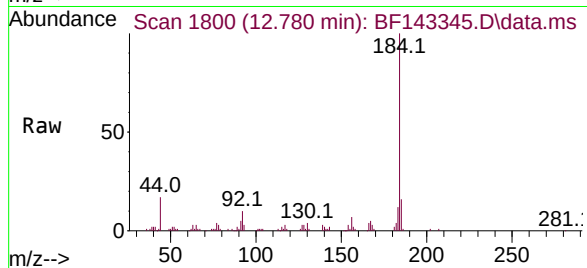
SSTDICC010

Tgt Ion:184 Resp: 78152
Ion Ratio Lower Upper
184 100
185 15.8 12.8 19.2
183 11.8 9.3 13.9

Manual Integrations

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Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025



#78

Pyrene

Concen: 11.697 ng

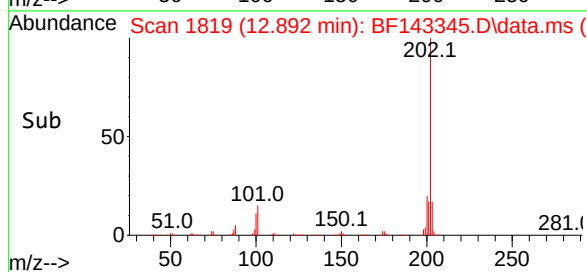
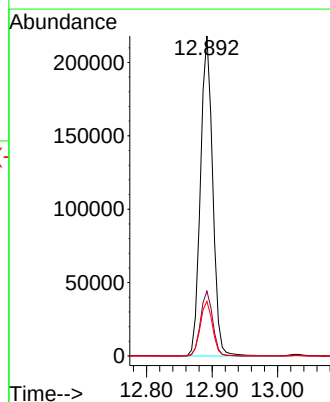
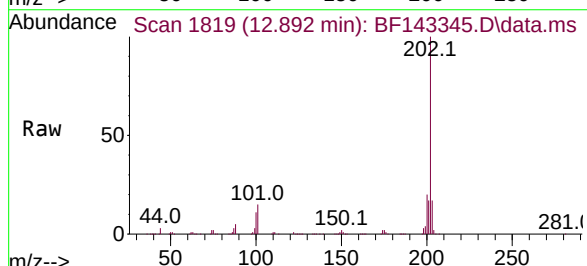
RT: 12.892 min Scan# 1819

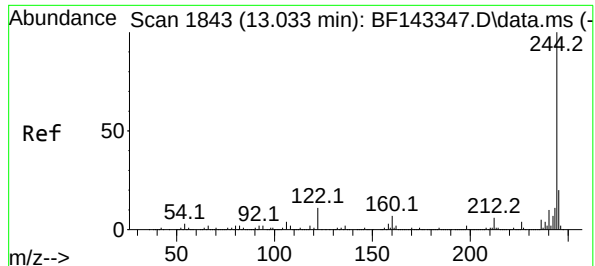
Delta R.T. -0.000 min

Lab File: BF143345.D

Acq: 12 Aug 2025 10:04

Tgt Ion:202 Resp: 283403
Ion Ratio Lower Upper
202 100
200 20.3 16.8 25.2
203 17.0 14.2 21.4





#79

Terphenyl-d14

Concen: 24.022 ng

RT: 13.027 min Scan# 1843

Delta R.T. -0.006 min

Lab File: BF143345.D

Acq: 12 Aug 2025 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:244 Resp: 38858

Ion Ratio Lower Upper

244 100

212 6.3 5.1 7.7

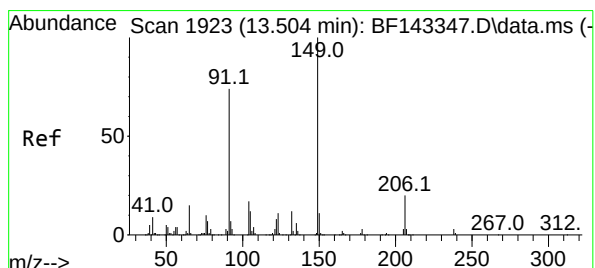
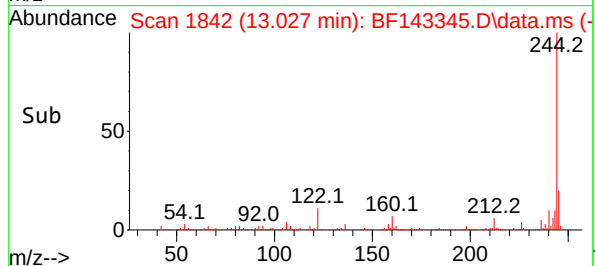
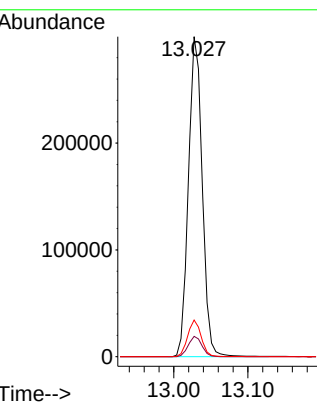
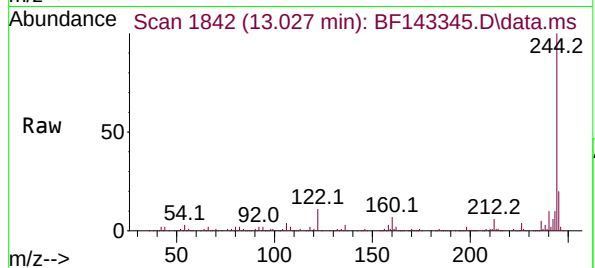
122 11.5 8.9 13.3

Manual Integrations

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Reviewed By :Rahul Chavli 08/13/2025

Supervised By :Jagrut Upadhyay 08/13/2025



#80

Butylbenzylphthalate

Concen: 9.196 ng

RT: 13.504 min Scan# 1923

Delta R.T. -0.000 min

Lab File: BF143345.D

Acq: 12 Aug 2025 10:04

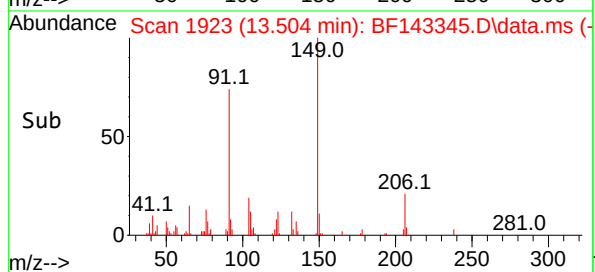
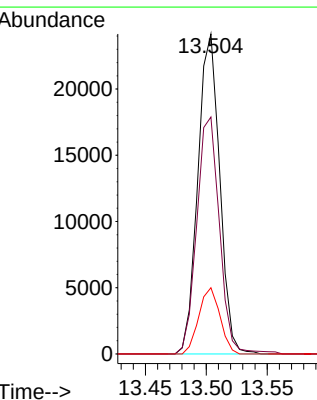
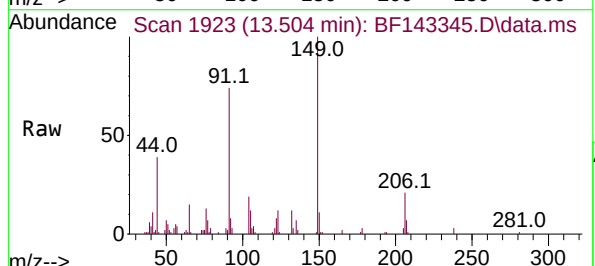
Tgt Ion:149 Resp: 30088

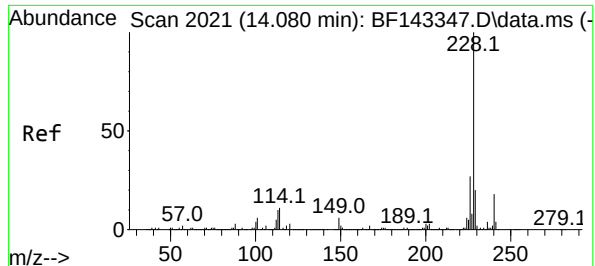
Ion Ratio Lower Upper

149 100

91 74.1 58.8 88.2

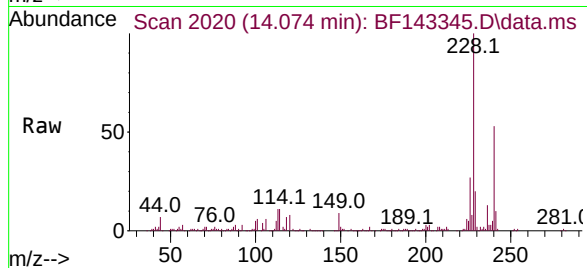
206 20.7 16.4 24.6





#81
Benzo(a)anthracene
Concen: 9.629 ng
RT: 14.074 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

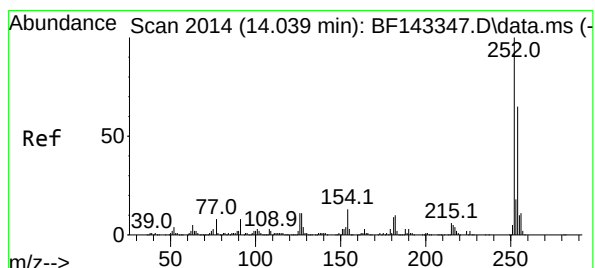
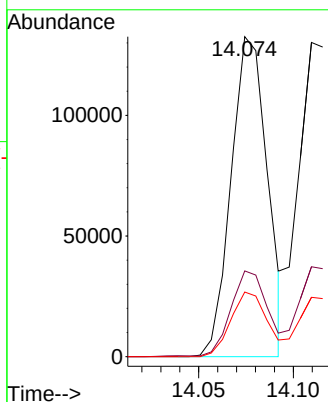
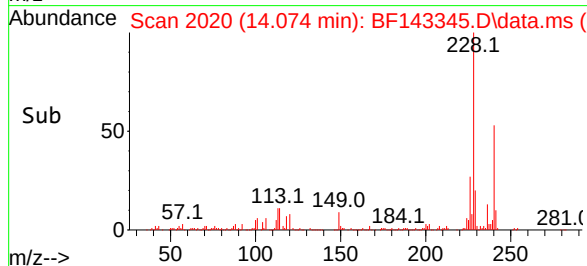
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



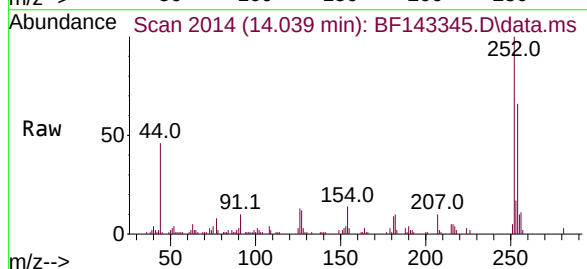
Tgt Ion:228 Resp: 176759
Ion Ratio Lower Upper
228 100
226 26.8 22.0 33.0
229 20.2 15.8 23.8

Manual Integrations
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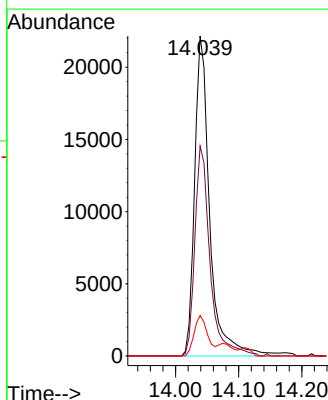
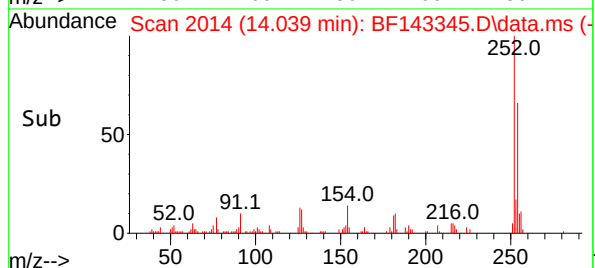
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

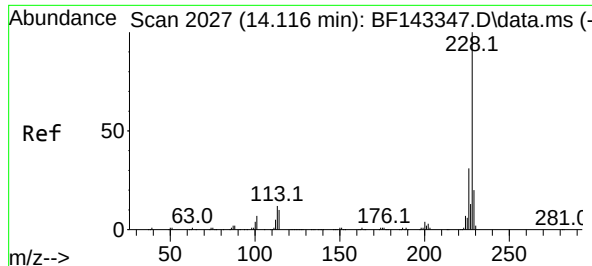


#82
3,3'-Dichlorobenzidine
Concen: 7.425 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04



Tgt Ion:252 Resp: 36804
Ion Ratio Lower Upper
252 100
254 65.6 51.7 77.5
126 12.6 9.2 13.8





#83

Chrysene

Concen: 10.541 ng

RT: 14.110 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF143345.D

Acq: 12 Aug 2025 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:228 Resp: 18042

Ion Ratio Lower Upper

228 100

226 28.6 24.2 36.2

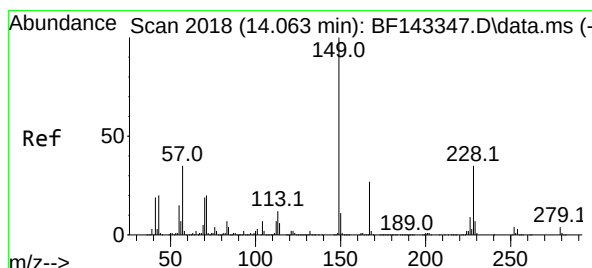
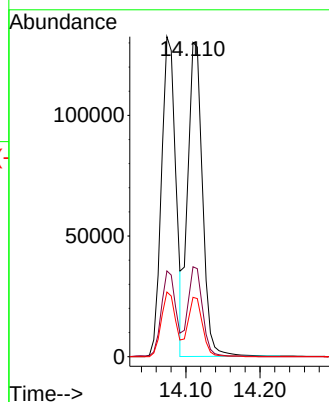
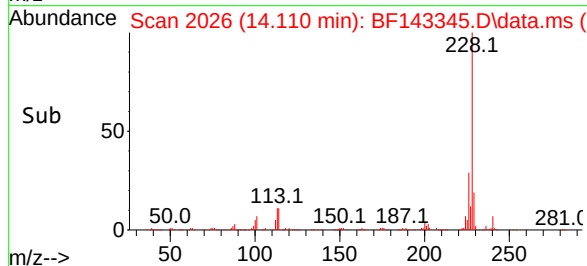
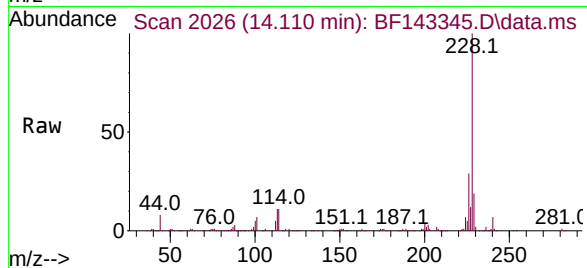
229 18.9 15.8 23.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/13/2025

Supervised By :Jagrut Upadhyay 08/13/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.191 ng

RT: 14.063 min Scan# 2018

Delta R.T. -0.000 min

Lab File: BF143345.D

Acq: 12 Aug 2025 10:04

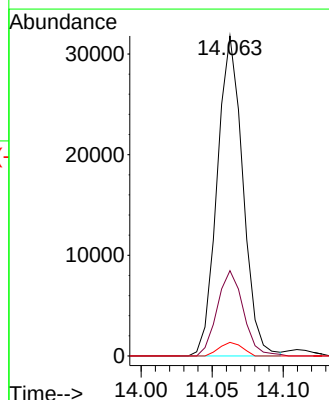
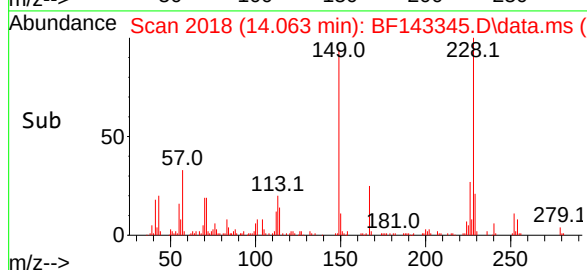
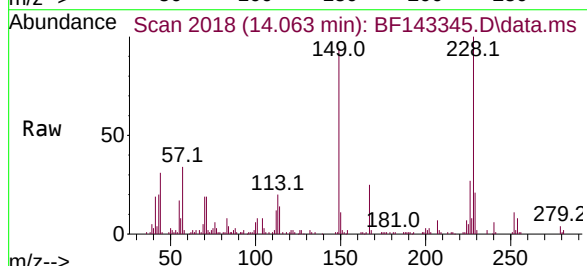
Tgt Ion:149 Resp: 39945

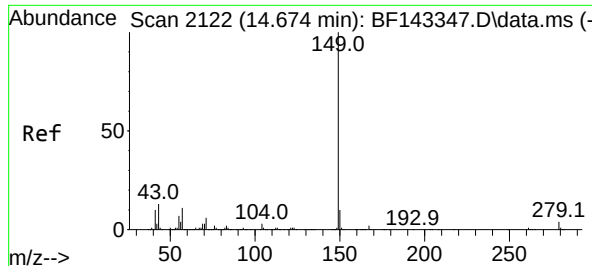
Ion Ratio Lower Upper

149 100

167 26.7 21.4 32.0

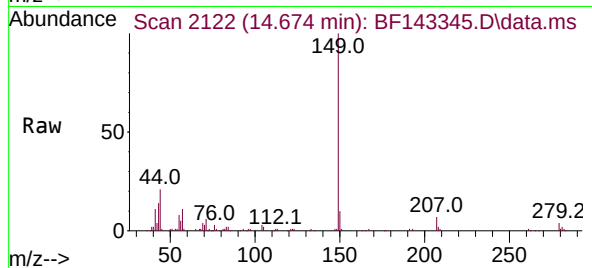
279 4.3 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 10.933 ng
RT: 14.674 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

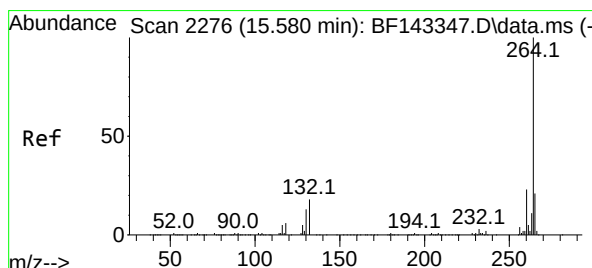
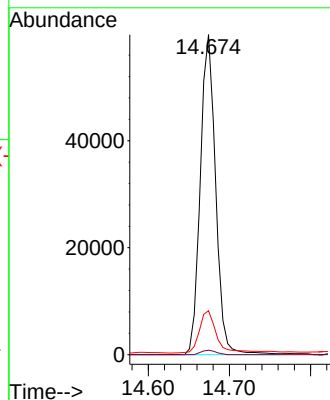
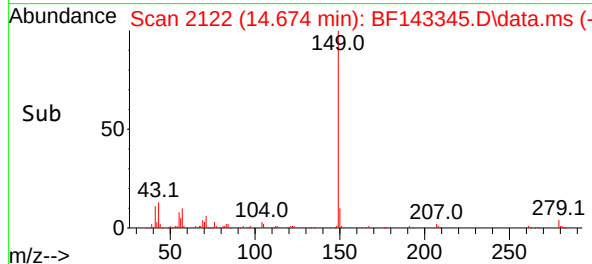
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:149 Resp: 78702
Ion Ratio Lower Upper
149 100
167 1.4 1.3 1.9
43 14.9 10.8 16.2

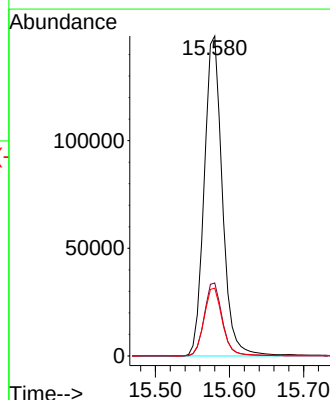
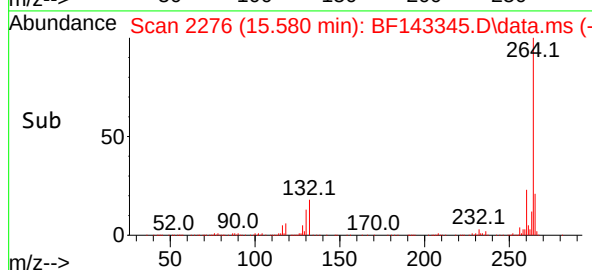
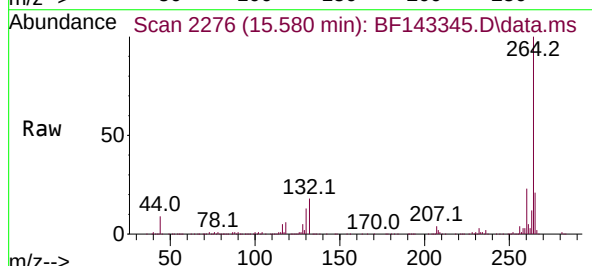
Manual Integrations
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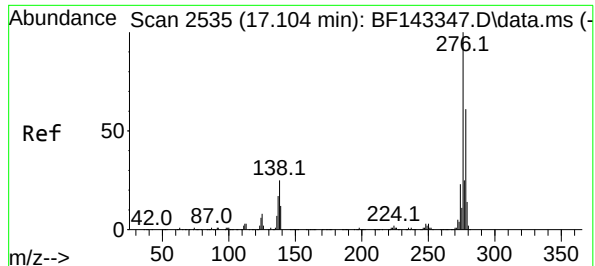
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2276
Delta R.T. -0.000 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

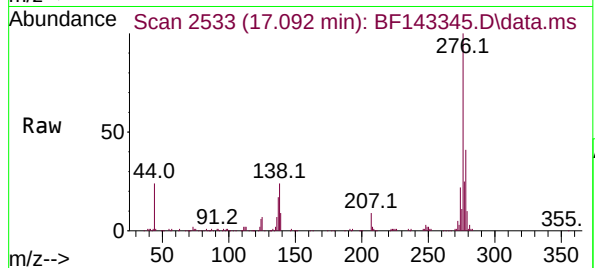
Tgt Ion:264 Resp: 252284
Ion Ratio Lower Upper
264 100
260 22.8 18.7 28.1
265 21.2 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 10.153 ng
RT: 17.092 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

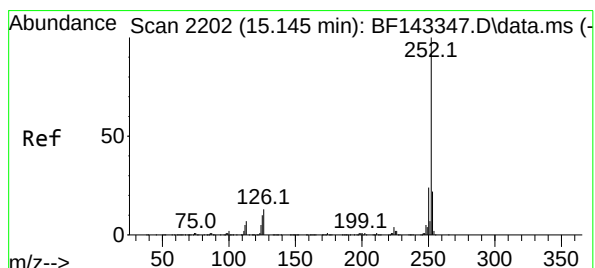
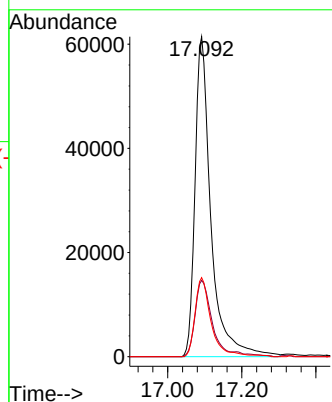
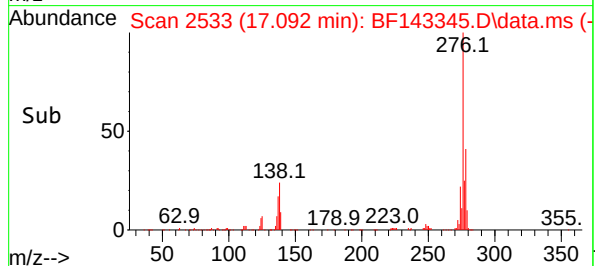
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:276 Resp: 18350
Ion Ratio Lower Upper
276 100
138 26.3 21.1 31.7
277 24.8 20.2 30.2

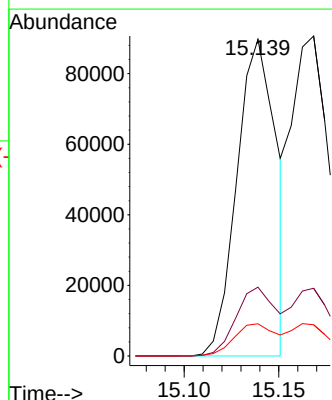
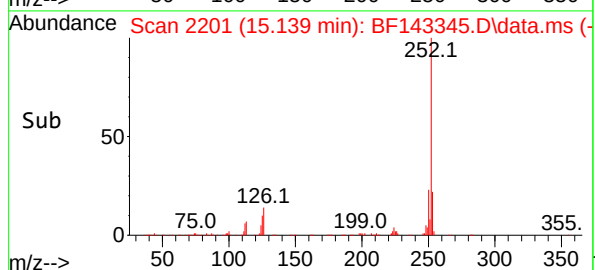
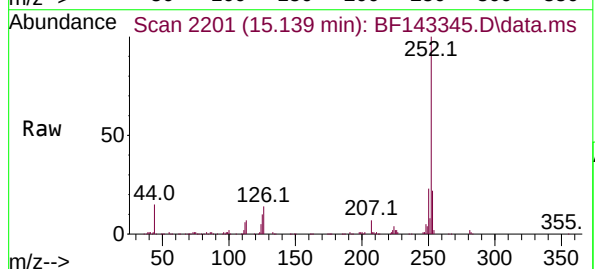
Manual Integrations
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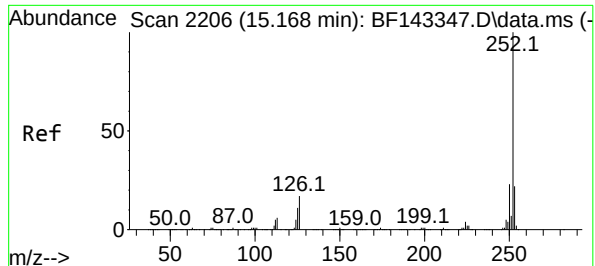
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025



#88
Benzo(b)fluoranthene
Concen: 9.392 ng
RT: 15.139 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BF143345.D
Acq: 12 Aug 2025 10:04

Tgt Ion:252 Resp: 129605
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.8
125 10.2 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 10.165 ng

RT: 15.168 min Scan# 2206

Delta R.T. -0.000 min

Lab File: BF143345.D

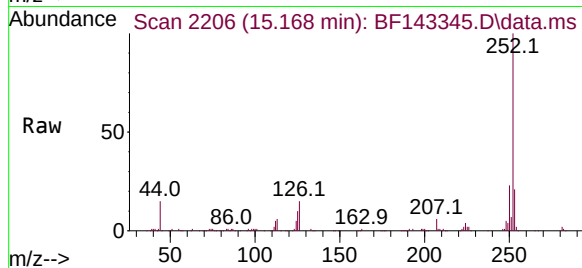
Acq: 12 Aug 2025 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

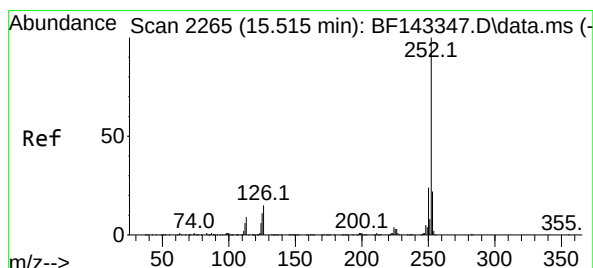
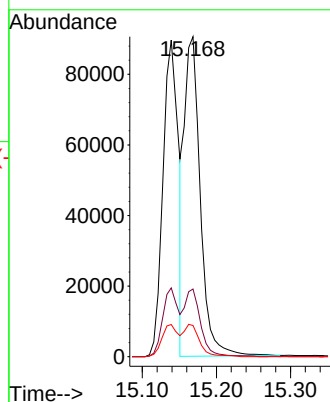
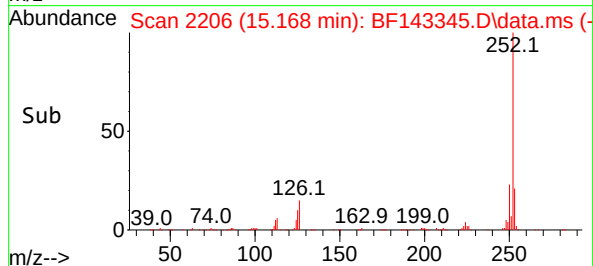


Tgt Ion:	252	Resp:	136290
Ion Ratio	Lower	Upper	
252	100		
253	21.1	17.6	26.4
125	9.8	8.4	12.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025



#90

Benzo(a)pyrene

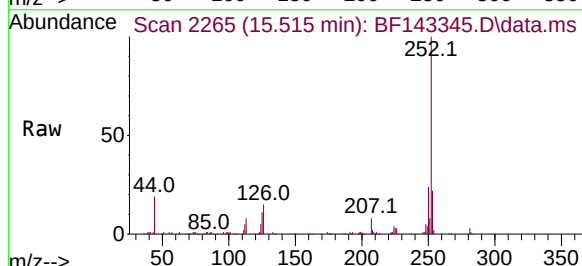
Concen: 9.814 ng

RT: 15.515 min Scan# 2265

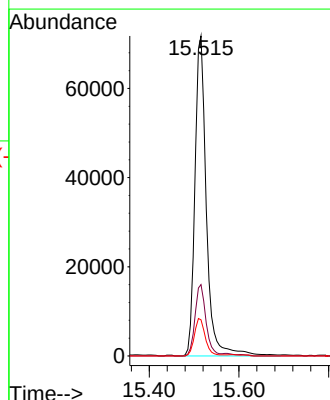
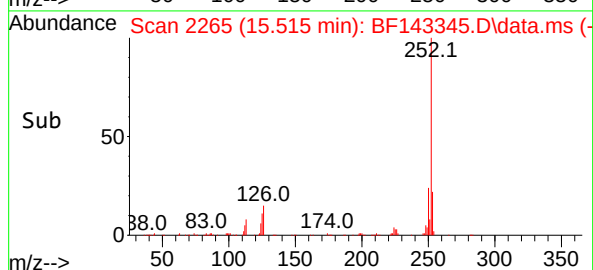
Delta R.T. -0.000 min

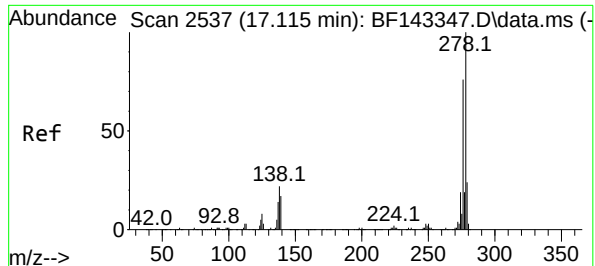
Lab File: BF143345.D

Acq: 12 Aug 2025 10:04



Tgt Ion:	252	Resp:	127540
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.6	26.4
125	11.3	9.1	13.7





#91

Dibenzo(a,h)anthracene

Concen: 10.148 ng

RT: 17.109 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143345.D

Acq: 12 Aug 2025 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:278 Resp: 14653

Ion Ratio Lower Upper

278 100

139 17.9 14.0 21.0

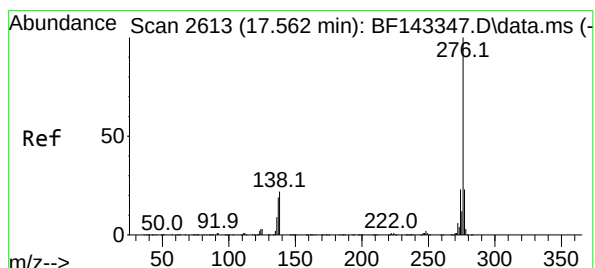
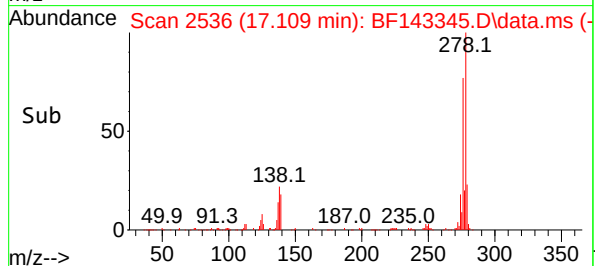
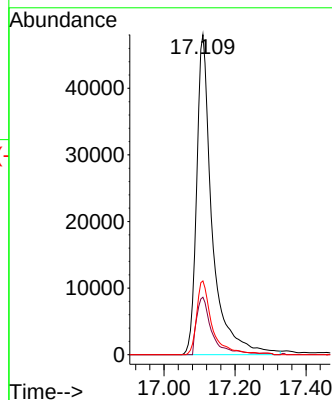
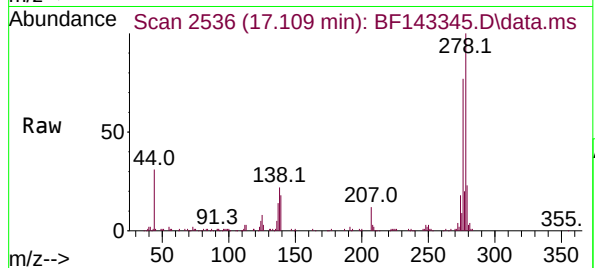
279 23.0 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/13/2025

Supervised By :Jagrut Upadhyay 08/13/2025



#92

Benzo(g,h,i)perylene

Concen: 10.338 ng

RT: 17.551 min Scan# 2611

Delta R.T. -0.012 min

Lab File: BF143345.D

Acq: 12 Aug 2025 10:04

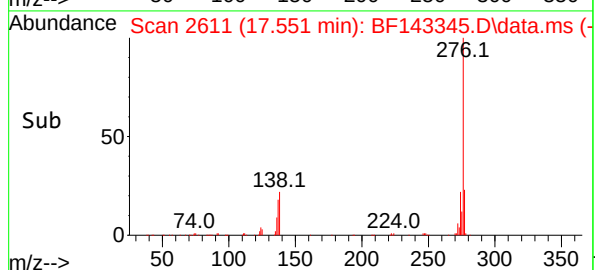
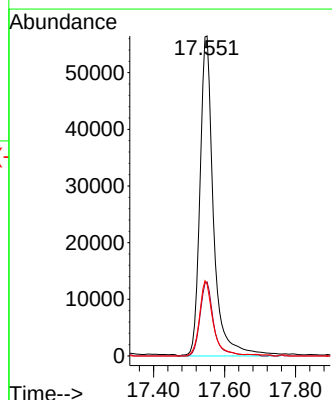
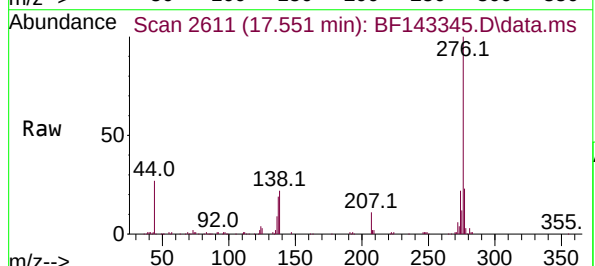
Tgt Ion:276 Resp: 150383

Ion Ratio Lower Upper

276 100

277 23.2 18.7 28.1

138 22.4 17.8 26.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
 Data File : BF143346.D
 Acq On : 12 Aug 2025 10:35
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Quant Time: Aug 12 13:18:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 12 13:02:27 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	168701	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	640356	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	345152	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	538915	20.000	ng	0.00
76) Chrysene-d12	14.086	240	307753	20.000	ng	0.00
86) Perylene-d12	15.580	264	306974	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	407312	41.751	ng	0.00
7) Phenol-d6	6.557	99	520093	41.573	ng	0.00
23) Nitrobenzene-d5	7.486	82	433525	42.160	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	103035	40.847	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	886799	43.569	ng	0.00
79) Terphenyl-d14	13.027	244	798330	46.313	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.763	88	103635	20.529	ng	97
3) Pyridine	3.540	79	269381	20.025	ng	100
4) n-Nitrosodimethylamine	3.463	42	119909	19.135	ng	99
6) Aniline	6.587	93	367374	20.830	ng	99
8) 2-Chlorophenol	6.716	128	214531	20.580	ng	98
9) Benzaldehyde	6.481	77	186638	22.572	ng	99
10) Phenol	6.569	94	310854	20.975	ng	96
11) bis(2-Chloroethyl)ether	6.657	93	224903	20.590	ng	99
12) 1,3-Dichlorobenzene	6.875	146	249994	20.792	ng	99
13) 1,4-Dichlorobenzene	6.945	146	250438	20.753	ng	99
14) 1,2-Dichlorobenzene	7.098	146	237306	20.716	ng	99
15) Benzyl Alcohol	7.063	79	180344	20.110	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	410762	21.064	ng	95
17) 2-Methylphenol	7.175	107	181753	20.655	ng	99
18) Hexachloroethane	7.445	117	77573	20.504	ng	98
19) n-Nitroso-di-n-propyla...	7.334	70	161440	20.884	ng	98
20) 3+4-Methylphenols	7.328	107	231589	21.762	ng	96
22) Acetophenone	7.334	105	304419	21.576	ng	97
24) Nitrobenzene	7.504	77	234624	21.009	ng	98
25) Isophorone	7.745	82	437206	20.827	ng	99
26) 2-Nitrophenol	7.822	139	70117	18.121	ng	96
27) 2,4-Dimethylphenol	7.857	122	184676	21.087	ng	99
28) bis(2-Chloroethoxy)met...	7.951	93	272180	21.236	ng	98
29) 2,4-Dichlorophenol	8.069	162	182884	21.380	ng	98
30) 1,2,4-Trichlorobenzene	8.151	180	191714	21.247	ng	99
31) Naphthalene	8.233	128	658723	21.378	ng	100
32) Benzoic acid	7.951	122	54709	19.373	ng	97
33) 4-Chloroaniline	8.275	127	235075	21.152	ng	98
34) Hexachlorobutadiene	8.351	225	119600	21.308	ng	99
35) Caprolactam	8.622	113	46828	19.474	ng	91
36) 4-Chloro-3-methylphenol	8.757	107	189645	21.148	ng	98
37) 2-Methylnaphthalene	8.922	142	436344	21.540	ng	100
38) 1-Methylnaphthalene	9.022	142	417915	21.421	ng	100
40) 1,2,4,5-Tetrachloroben...	9.092	216	198354	21.001	ng	99
41) Hexachlorocyclopentadiene	9.081	237	44965	19.003	ng	99
43) 2,4,6-Trichlorophenol	9.198	196	109203	20.378	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
 Data File : BF143346.D
 Acq On : 12 Aug 2025 10:35
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

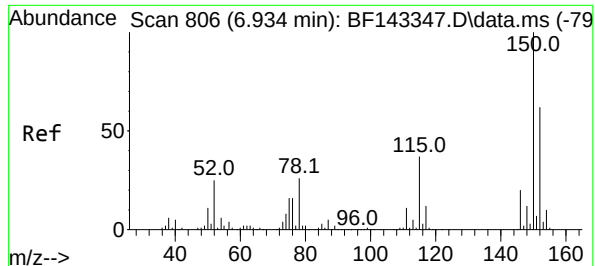
Quant Time: Aug 12 13:18:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 12 13:02:27 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.239	196	126432	20.892	ng	98
46) 1,1'-Biphenyl	9.380	154	523392	21.447	ng	99
47) 2-Chloronaphthalene	9.410	162	407385	21.196	ng	99
48) 2-Nitroaniline	9.498	65	96206	19.121	ng	97
49) Acenaphthylene	9.828	152	593246	21.374	ng	99
50) Dimethylphthalate	9.675	163	429516	21.297	ng	100
51) 2,6-Dinitrotoluene	9.739	165	65043	18.954	ng	95
52) Acenaphthene	9.998	154	386752	20.959	ng	98
53) 3-Nitroaniline	9.910	138	86436	20.928	ng	99
54) 2,4-Dinitrophenol	10.016	184	15765	19.272	ng #	13
55) Dibenzofuran	10.169	168	564025	21.238	ng	100
56) 4-Nitrophenol	10.069	139	50785	19.809	ng	99
57) 2,4-Dinitrotoluene	10.139	165	88718	19.432	ng	94
58) Fluorene	10.510	166	431847	21.289	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.286	232	81483	19.975	ng	99
60) Diethylphthalate	10.375	149	390634	21.624	ng	100
61) 4-Chlorophenyl-phenyle...	10.504	204	207053	21.124	ng	99
62) 4-Nitroaniline	10.516	138	87370	21.864	ng	99
63) Azobenzene	10.663	77	443476	21.493	ng	99
65) 4,6-Dinitro-2-methylph...	10.551	198	29324	18.676	ng	94
66) n-Nitrosodiphenylamine	10.616	169	363227	20.469	ng	100
67) 4-Bromophenyl-phenylether	10.992	248	125072	20.293	ng	97
68) Hexachlorobenzene	11.063	284	134796	20.290	ng	98
69) Atrazine	11.139	200	100549	21.725	ng	100
70) Pentachlorophenol	11.257	266	47147	19.347	ng	99
71) Phenanthrene	11.474	178	622794	21.181	ng	99
72) Anthracene	11.527	178	638169	21.401	ng	98
73) Carbazole	11.674	167	548030	21.580	ng	100
74) Di-n-butylphthalate	12.004	149	479230	22.300	ng	99
75) Fluoranthene	12.663	202	566275	21.986	ng	99
77) Benzidine	12.780	184	201097	23.901	ng	99
78) Pyrene	12.892	202	587878	22.771	ng	100
80) Butylbenzylphthalate	13.504	149	83834	18.636	ng	99
81) Benzo(a)anthracene	14.080	228	412056	21.066	ng	99
82) 3,3'-Dichlorobenzidine	14.039	252	100529	19.033	ng	100
83) Chrysene	14.115	228	369066	20.235	ng	99
84) Bis(2-ethylhexyl)phtha...	14.063	149	107115	17.077	ng	99
85) Di-n-octyl phthalate	14.674	149	213024	18.493	ng	100
87) Indeno(1,2,3-cd)pyrene	17.092	276	454164	20.651	ng	99
88) Benzo(b)fluoranthene	15.139	252	335316	19.971	ng	99
89) Benzo(k)fluoranthene	15.168	252	355480	21.789	ng	99
90) Benzo(a)pyrene	15.515	252	325450	20.580	ng	99
91) Dibenzo(a,h)anthracene	17.104	278	363491	20.688	ng	98
92) Benzo(g,h,i)perylene	17.551	276	364540	20.596	ng	99

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

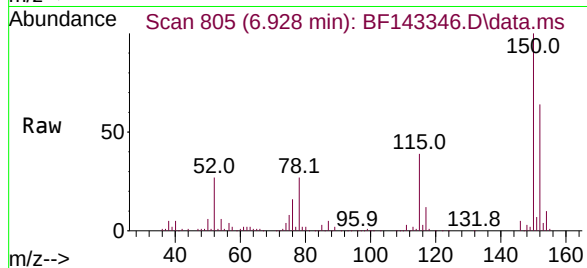
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

[illegible]

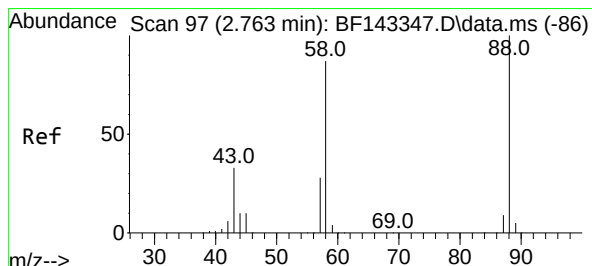
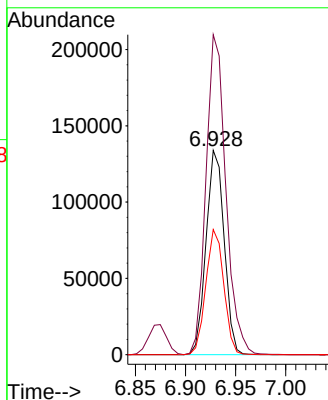
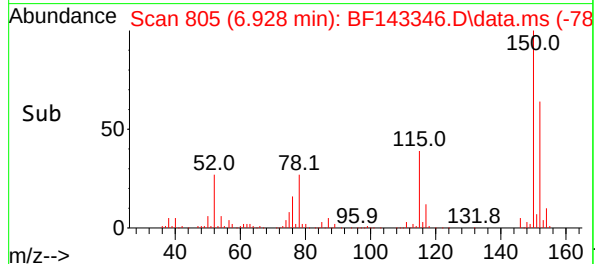


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

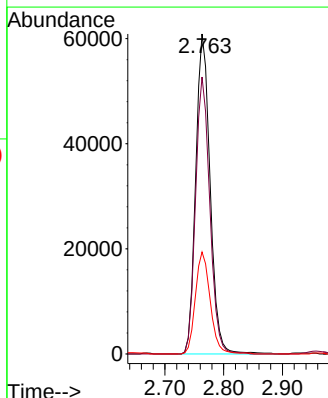
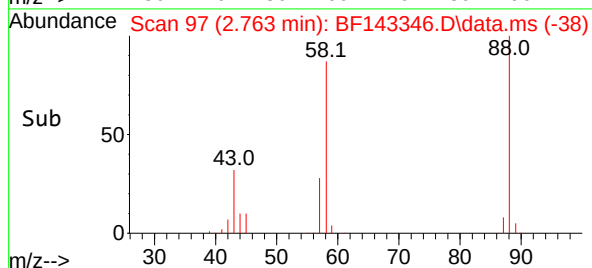
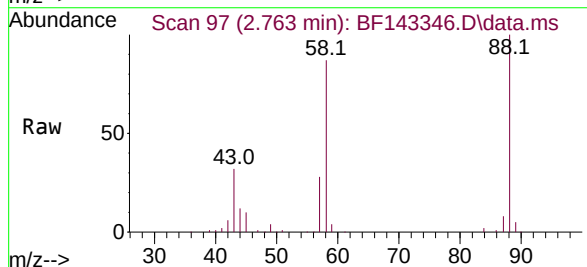


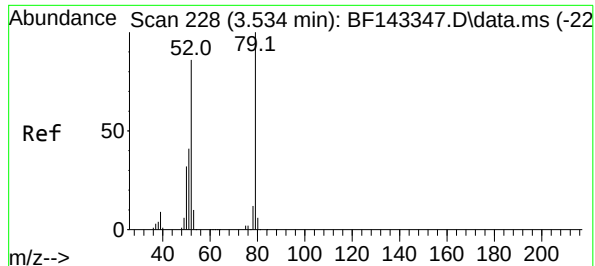
Tgt Ion:152 Resp: 168701
Ion Ratio Lower Upper
152 100
150 156.6 129.8 194.8
115 61.3 47.8 71.8



#2
1,4-Dioxane
Concen: 20.529 ng
RT: 2.763 min Scan# 97
Delta R.T. -0.000 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion: 88 Resp: 103635
Ion Ratio Lower Upper
88 100
58 85.7 71.0 106.6
43 32.6 27.0 40.6





#3

Pyridine

Concen: 20.025 ng

RT: 3.540 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF143346.D

Acq: 12 Aug 2025 10:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

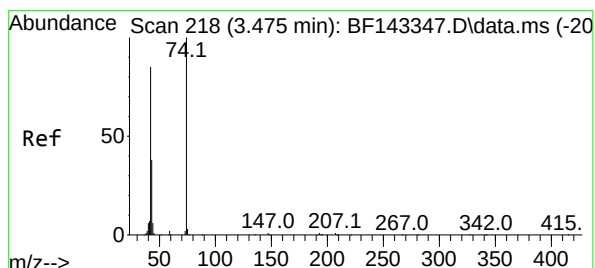
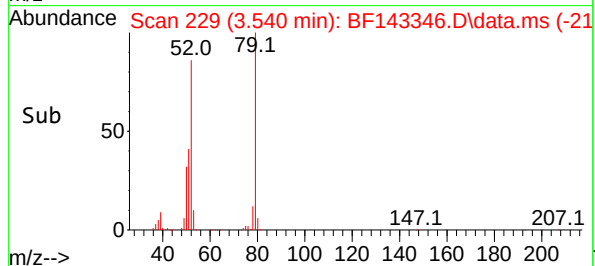
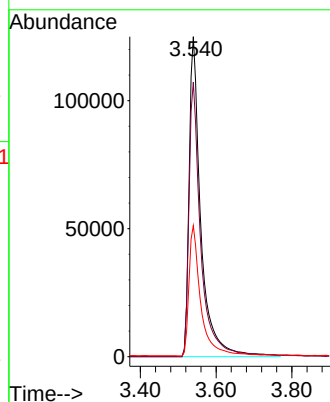
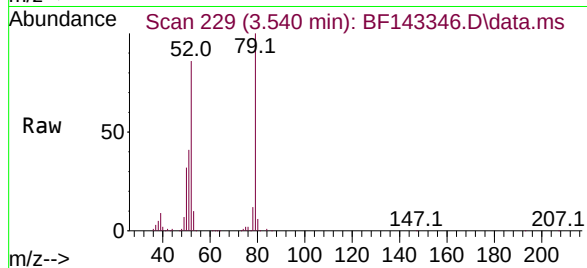
Tgt Ion: 79 Resp: 269381

Ion Ratio Lower Upper

79 100

52 85.8 68.7 103.1

51 40.9 33.4 50.0



#4

n-Nitrosodimethylamine

Concen: 19.135 ng

RT: 3.463 min Scan# 216

Delta R.T. -0.012 min

Lab File: BF143346.D

Acq: 12 Aug 2025 10:35

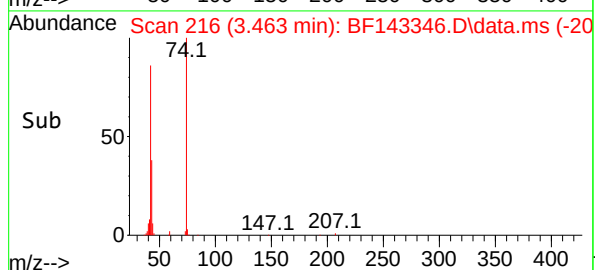
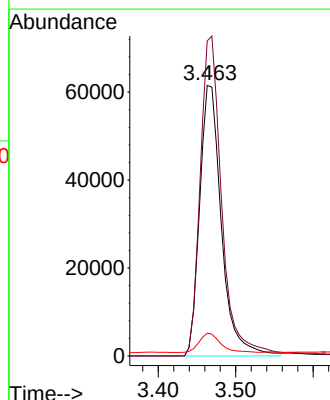
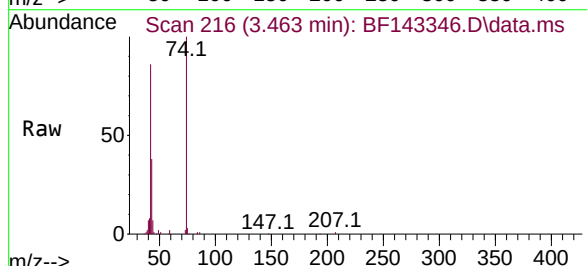
Tgt Ion: 42 Resp: 119909

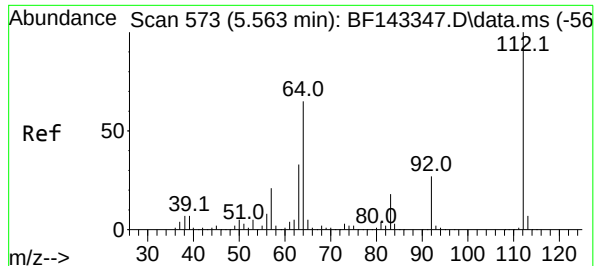
Ion Ratio Lower Upper

42 100

74 116.4 94.1 141.1

44 8.4 6.5 9.7





#5

2-Fluorophenol

Concen: 41.751 ng

RT: 5.557 min Scan# 51

Delta R.T. -0.006 min

Lab File: BF143346.D

Acq: 12 Aug 2025 10:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

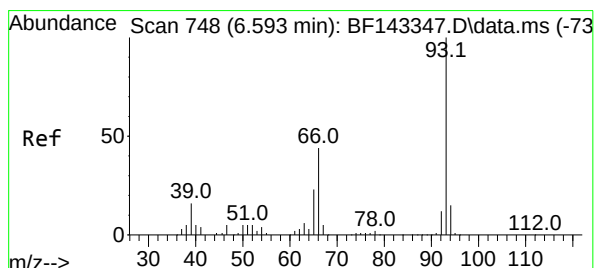
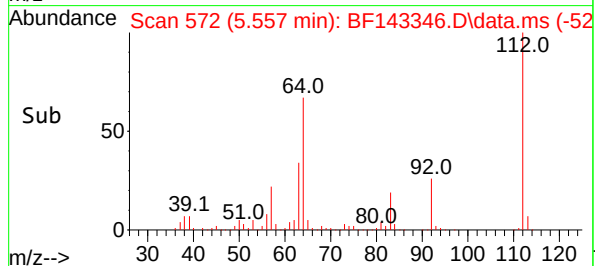
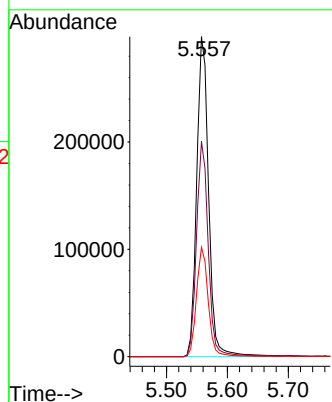
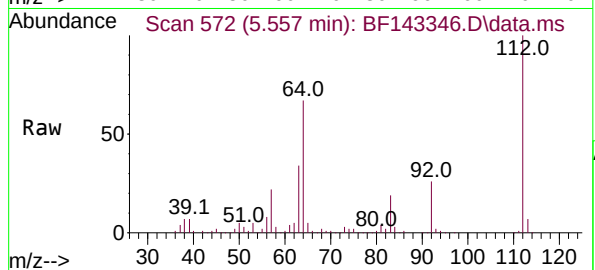
Tgt Ion:112 Resp: 407312

Ion Ratio Lower Upper

112 100

64 67.2 52.1 78.1

63 34.2 26.6 39.8



#6

Aniline

Concen: 20.830 ng

RT: 6.587 min Scan# 747

Delta R.T. -0.006 min

Lab File: BF143346.D

Acq: 12 Aug 2025 10:35

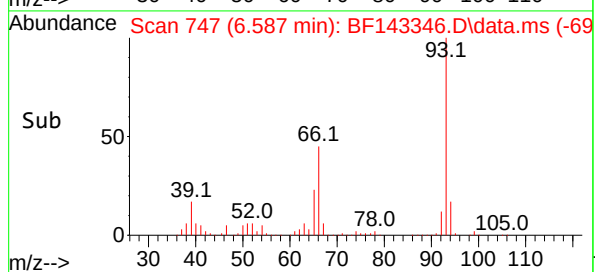
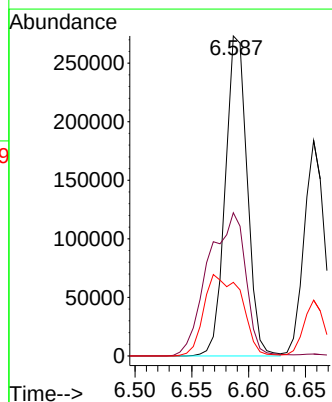
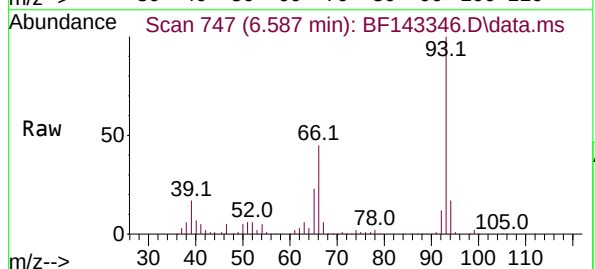
Tgt Ion: 93 Resp: 367374

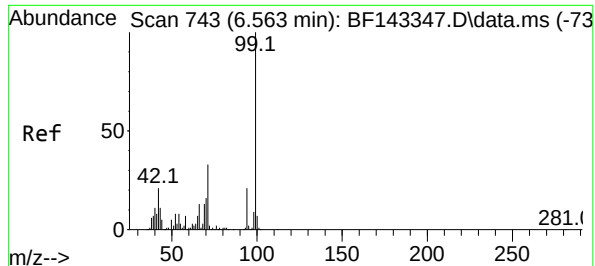
Ion Ratio Lower Upper

93 100

66 44.7 35.3 52.9

65 23.0 18.2 27.4





#7

Phenol-d6

Concen: 41.573 ng

RT: 6.557 min Scan# 743

Delta R.T. -0.006 min

Lab File: BF143346.D

Acq: 12 Aug 2025 10:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

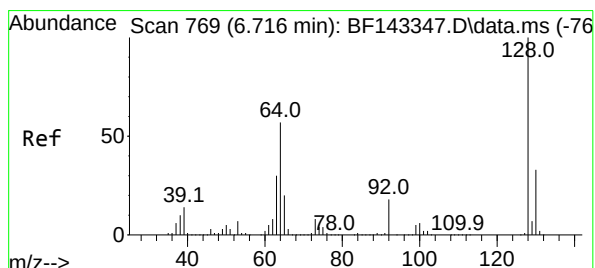
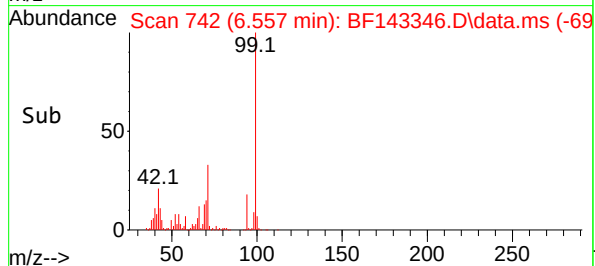
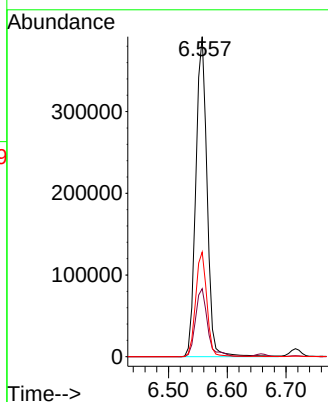
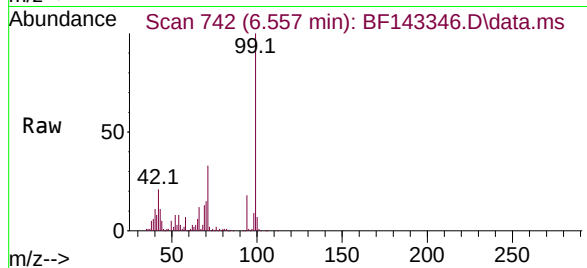
Tgt Ion: 99 Resp: 520093

Ion Ratio Lower Upper

99 100

42 21.2 16.6 25.0

71 32.7 26.2 39.2



#8

2-Chlorophenol

Concen: 20.580 ng

RT: 6.716 min Scan# 769

Delta R.T. -0.000 min

Lab File: BF143346.D

Acq: 12 Aug 2025 10:35

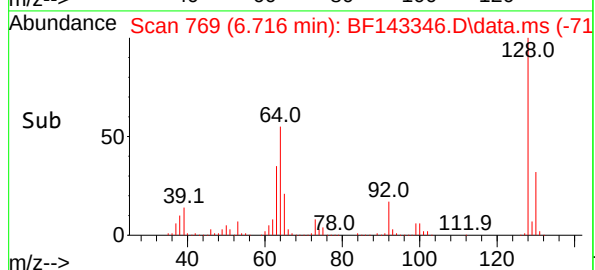
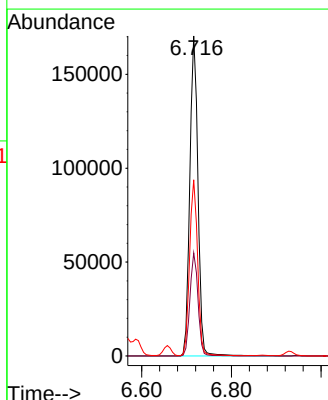
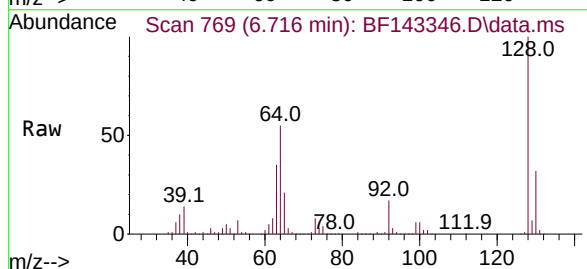
Tgt Ion:128 Resp: 214531

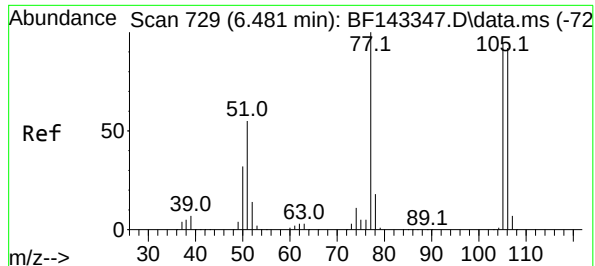
Ion Ratio Lower Upper

128 100

130 32.2 12.6 52.6

64 55.1 36.7 76.7





#9

Benzaldehyde

Concen: 22.572 ng

RT: 6.481 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF143346.D

Acq: 12 Aug 2025 10:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

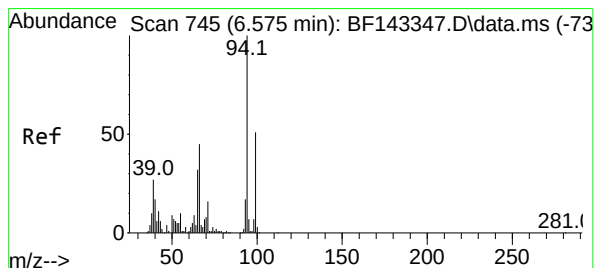
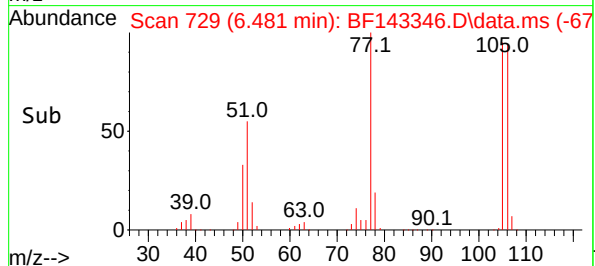
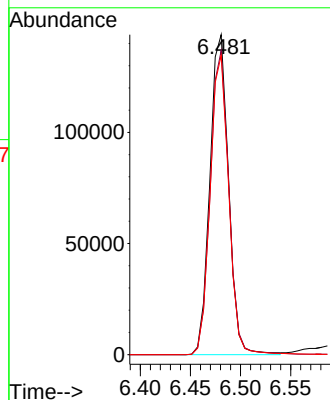
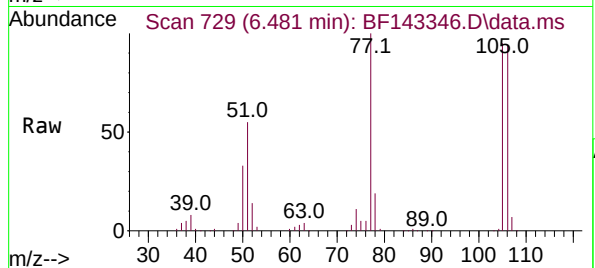
Tgt Ion: 77 Resp: 186638

Ion Ratio Lower Upper

77 100

105 95.0 74.2 114.2

106 93.5 72.2 112.2



#10

Phenol

Concen: 20.975 ng

RT: 6.569 min Scan# 744

Delta R.T. -0.006 min

Lab File: BF143346.D

Acq: 12 Aug 2025 10:35

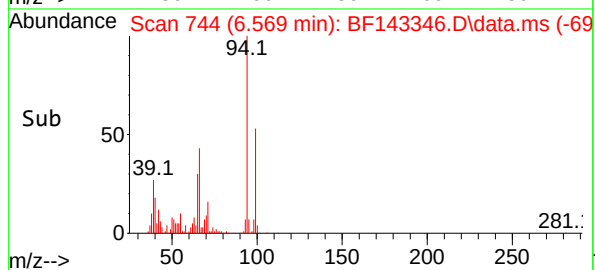
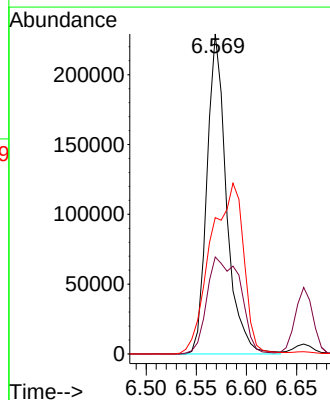
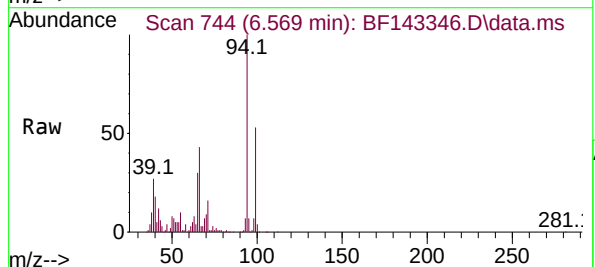
Tgt Ion: 94 Resp: 310854

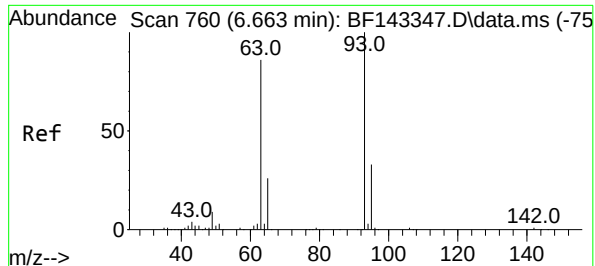
Ion Ratio Lower Upper

94 100

65 30.3 12.0 52.0

66 42.6 25.6 65.6

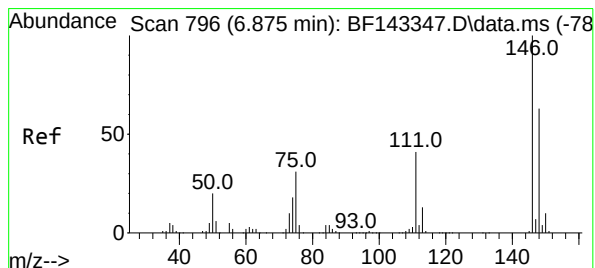
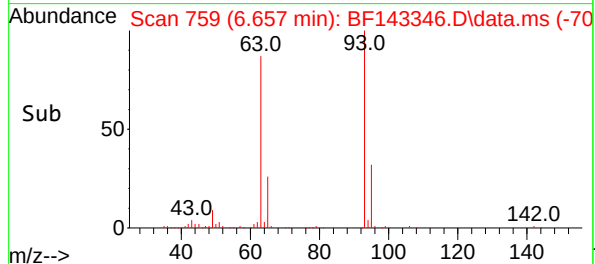
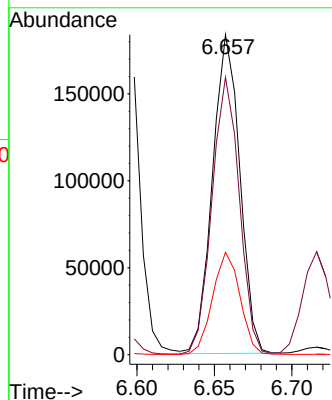
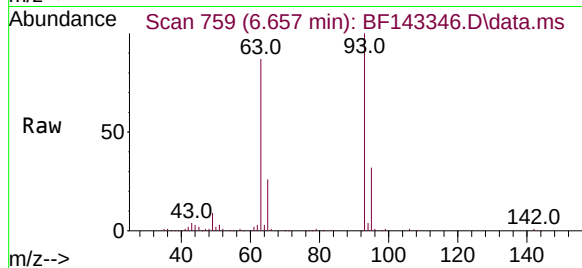




#11
bis(2-Chloroethyl)ether
Concen: 20.590 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

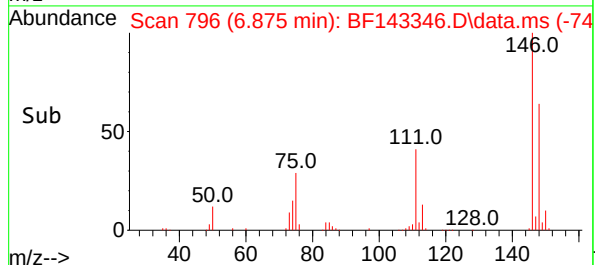
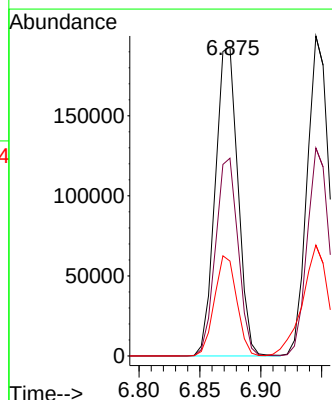
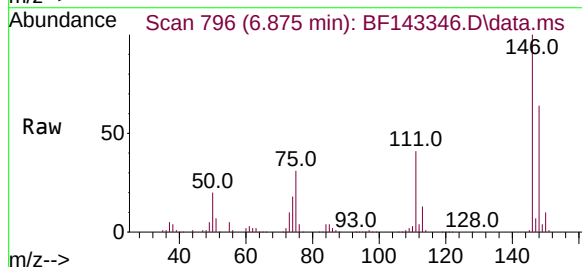
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

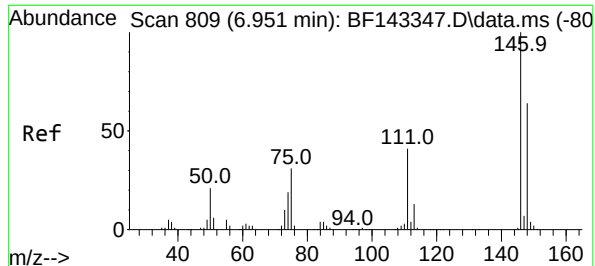
Tgt Ion: 93 Resp: 224903
Ion Ratio Lower Upper
93 100
63 86.7 65.7 105.7
95 32.0 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 20.792 ng
RT: 6.875 min Scan# 796
Delta R.T. -0.000 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion: 146 Resp: 249994
Ion Ratio Lower Upper
146 100
148 64.0 50.5 75.7
75 30.7 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 20.753 ng

RT: 6.945 min Scan# 809

Delta R.T. -0.006 min

Lab File: BF143346.D

Acq: 12 Aug 2025 10:35

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

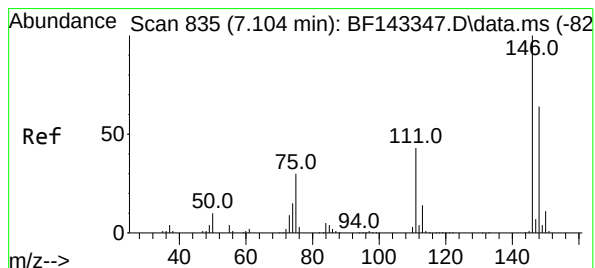
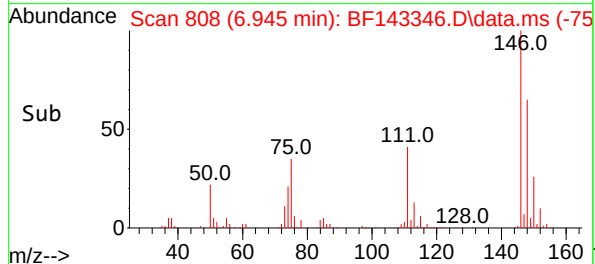
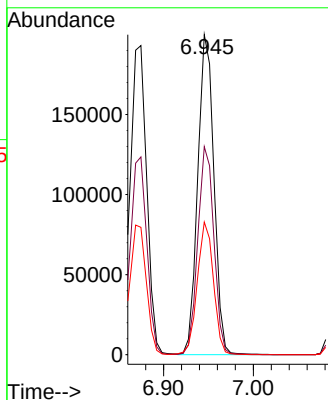
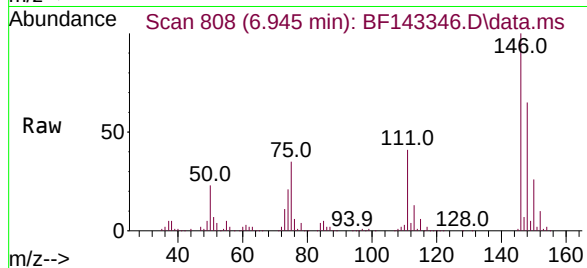
Tgt Ion:146 Resp: 250438

Ion Ratio Lower Upper

146 100

148 65.0 51.4 77.0

111 41.4 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 20.716 ng

RT: 7.098 min Scan# 834

Delta R.T. -0.006 min

Lab File: BF143346.D

Acq: 12 Aug 2025 10:35

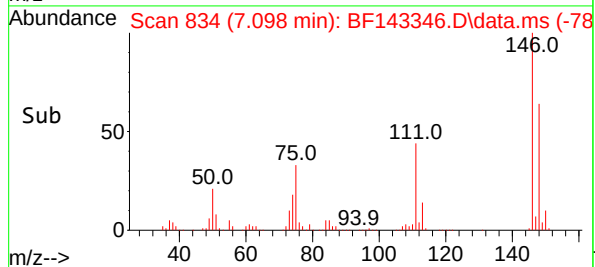
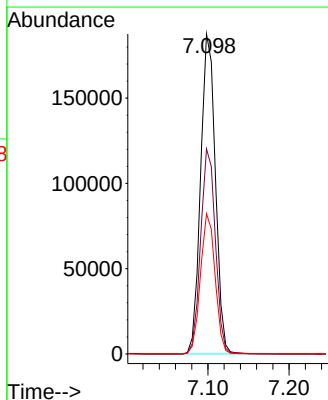
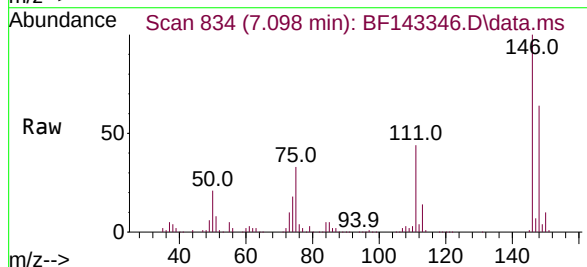
Tgt Ion:146 Resp: 237306

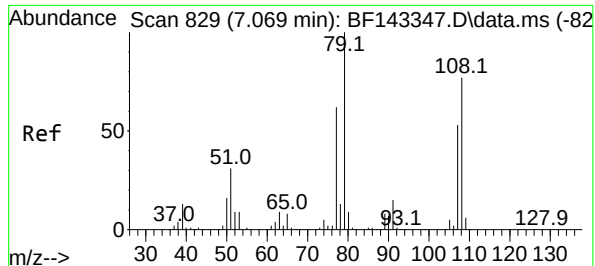
Ion Ratio Lower Upper

146 100

148 64.1 51.4 77.2

111 43.8 34.1 51.1





#15

Benzyl Alcohol

Concen: 20.110 ng

RT: 7.063 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF143346.D

Acq: 12 Aug 2025 10:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

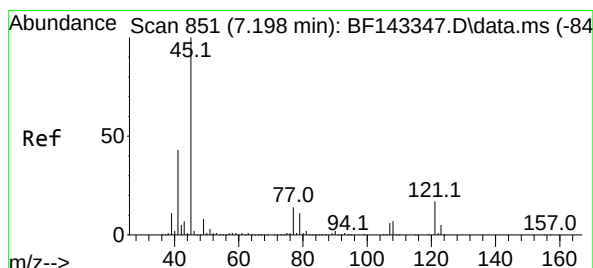
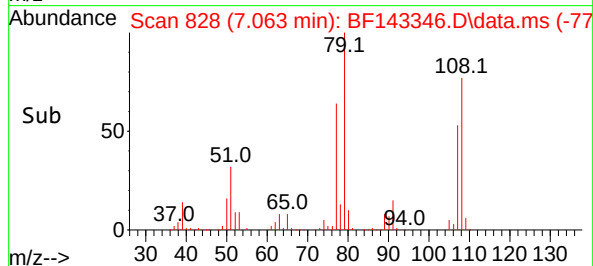
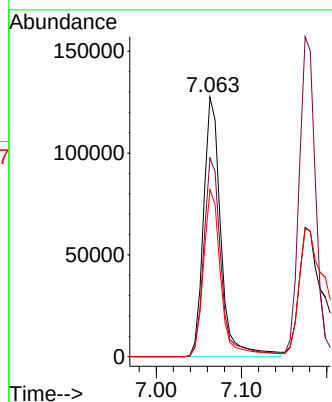
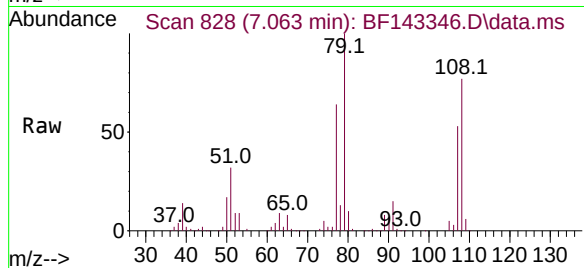
Tgt Ion: 79 Resp: 180344

Ion Ratio Lower Upper

79 100

108 76.6 61.5 92.3

77 64.4 49.8 74.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 21.064 ng

RT: 7.198 min Scan# 851

Delta R.T. -0.000 min

Lab File: BF143346.D

Acq: 12 Aug 2025 10:35

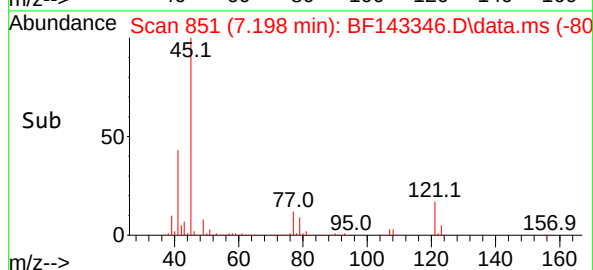
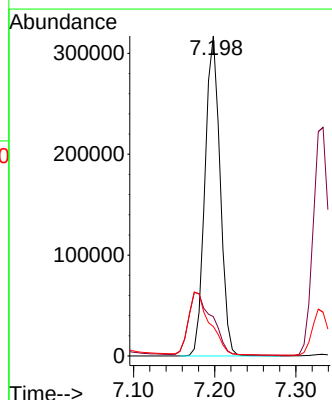
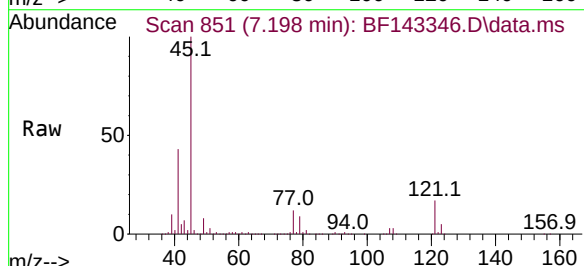
Tgt Ion: 45 Resp: 410762

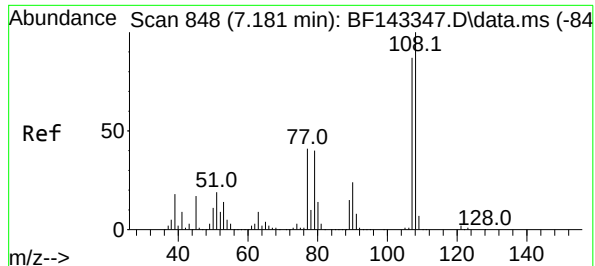
Ion Ratio Lower Upper

45 100

77 12.3 0.0 34.0

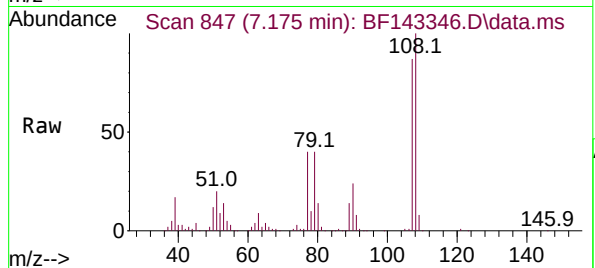
79 9.2 0.0 31.1



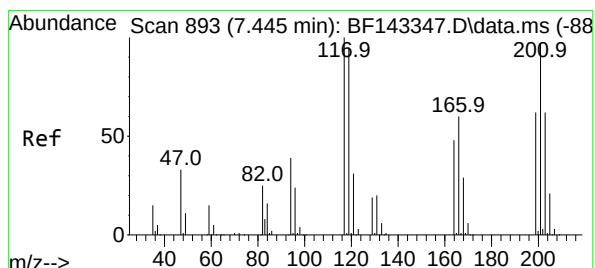
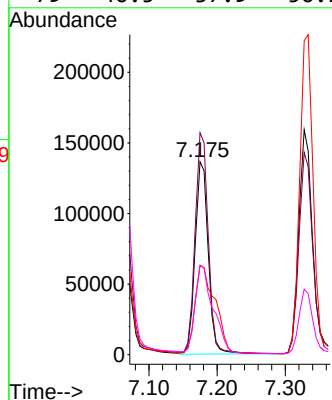
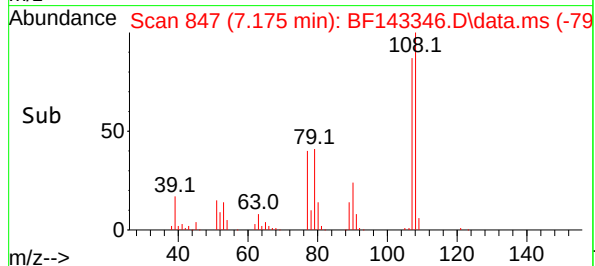


#17
2-Methylphenol
Concen: 20.655 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

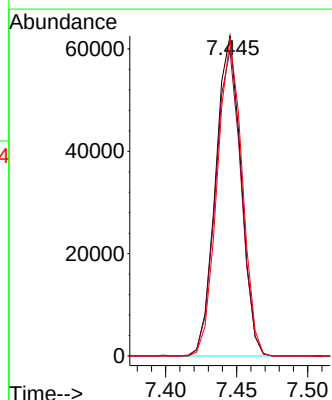
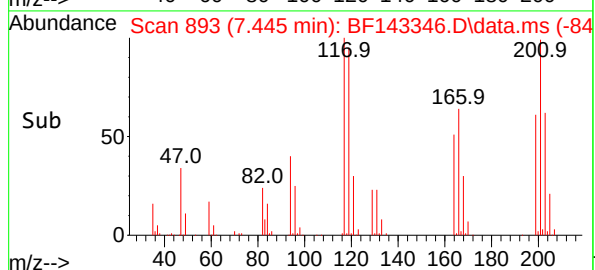
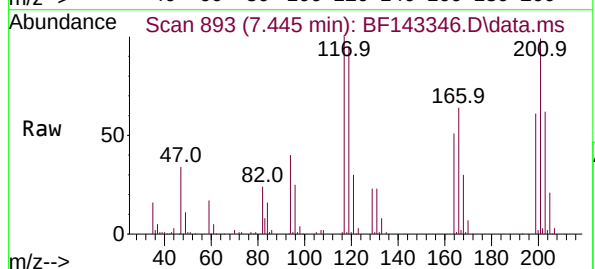


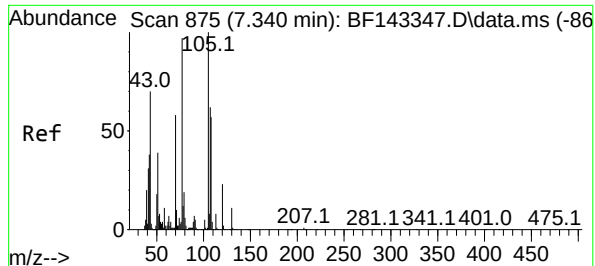
Tgt Ion:	107	Resp:	181753
Ion	Ratio	Lower	Upper
107	100		
108	115.0	92.0	138.0
77	46.1	38.2	57.2
79	46.5	37.9	56.9



#18
Hexachloroethane
Concen: 20.504 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.000 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion:	117	Resp:	77573
Ion	Ratio	Lower	Upper
117	100		
119	95.5	75.8	113.8
201	99.0	77.2	115.8





#19

n-Nitroso-di-n-propylamine

Concen: 20.884 ng

RT: 7.334 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF143346.D

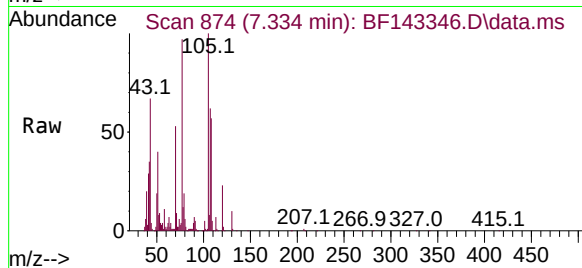
Acq: 12 Aug 2025 10:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion: 70 Resp: 161440

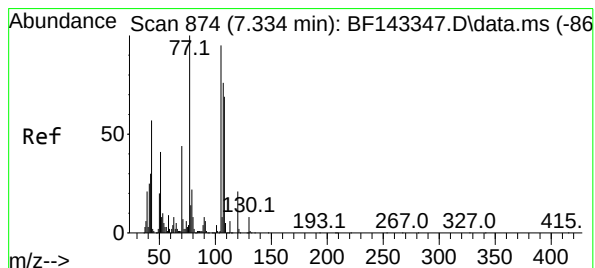
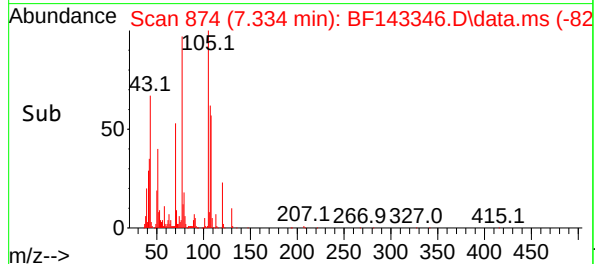
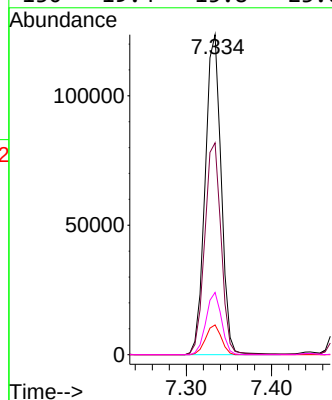
Ion Ratio Lower Upper

70 100

42 66.2 51.6 77.4

101 9.3 7.5 11.3

130 19.4 15.8 23.6



#20

3+4-Methylphenols

Concen: 21.762 ng

RT: 7.328 min Scan# 873

Delta R.T. -0.006 min

Lab File: BF143346.D

Acq: 12 Aug 2025 10:35

Tgt Ion: 107 Resp: 231589

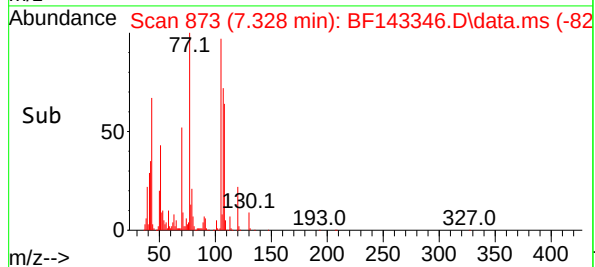
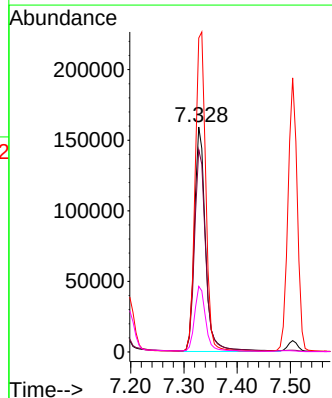
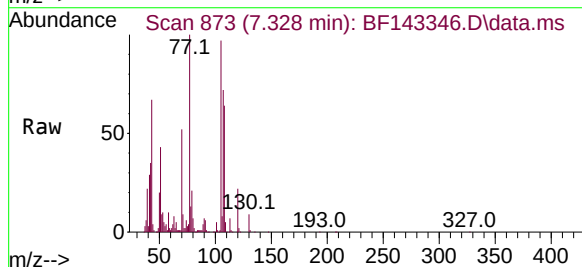
Ion Ratio Lower Upper

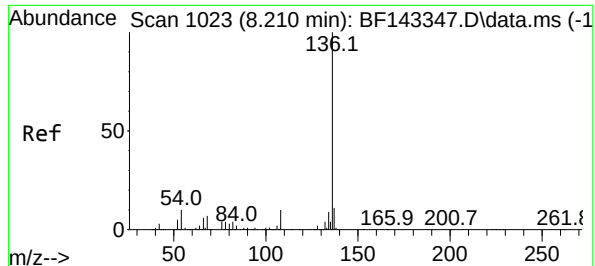
107 100

108 89.9 70.6 110.6

77 139.5 112.0 152.0

79 29.1 9.9 49.9

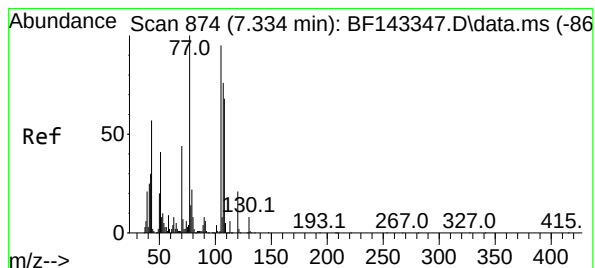
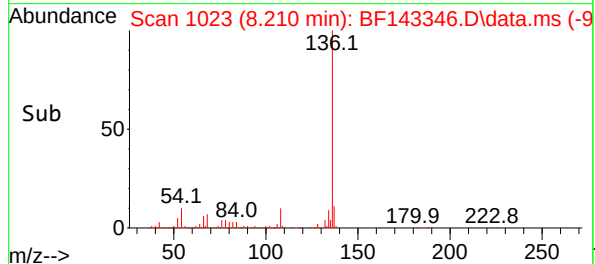
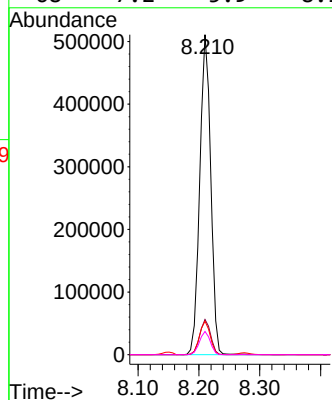
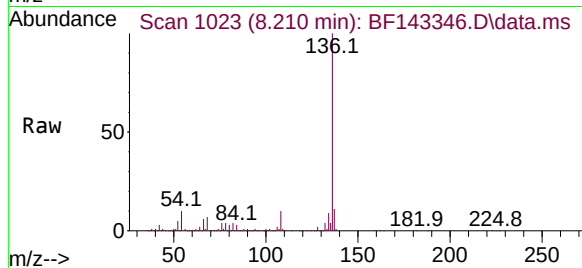




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

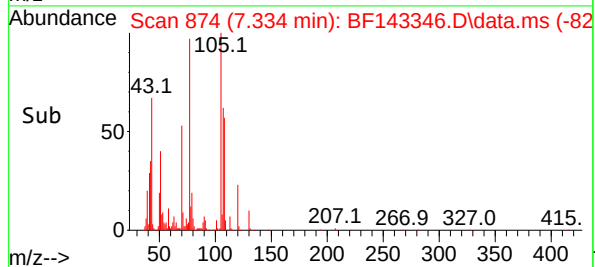
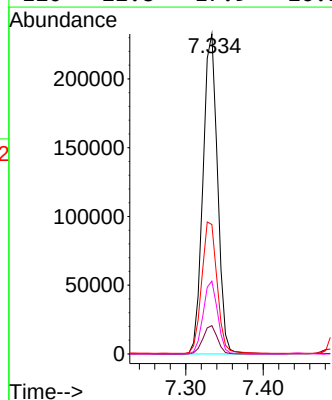
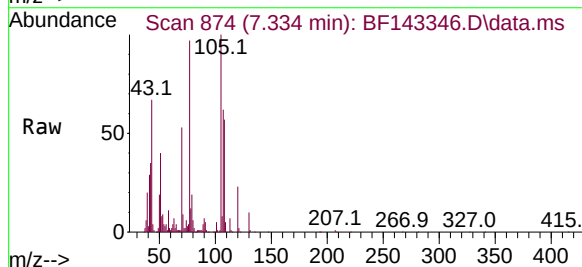
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

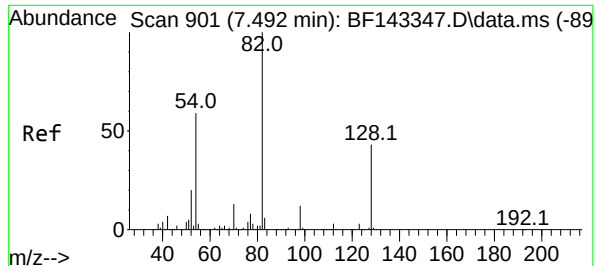
Tgt Ion:	136	Resp:	640356
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	10.5	8.4	12.6
68	7.2	5.9	8.9



#22
Acetophenone
Concen: 21.576 ng
RT: 7.334 min Scan# 874
Delta R.T. -0.000 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion:	105	Resp:	304419
Ion	Ratio	Lower	Upper
105	100		
71	8.8	6.2	9.4
51	40.5	34.8	52.2
120	22.8	17.9	26.9





#23

Nitrobenzene-d5

Concen: 42.160 ng

RT: 7.486 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF143346.D

Acq: 12 Aug 2025 10:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

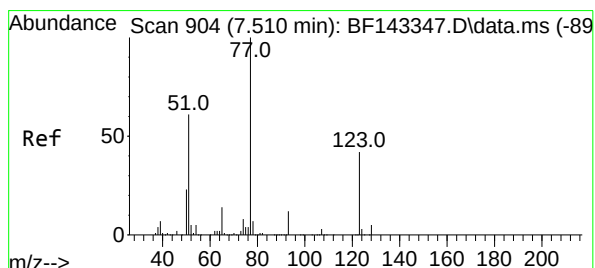
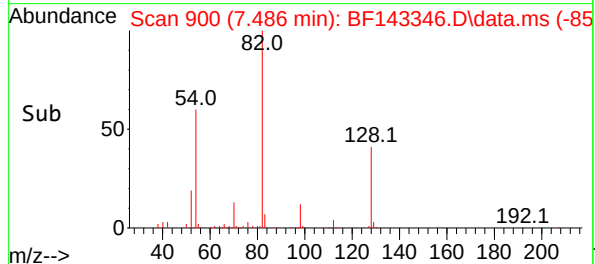
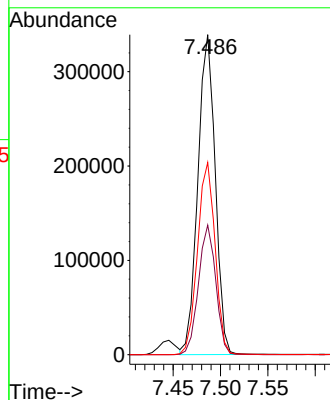
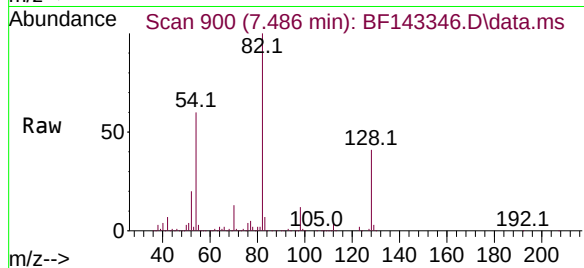
Tgt Ion: 82 Resp: 433525

Ion Ratio Lower Upper

82 100

128 40.5 33.5 50.3

54 60.0 46.7 70.1



#24

Nitrobenzene

Concen: 21.009 ng

RT: 7.504 min Scan# 903

Delta R.T. -0.006 min

Lab File: BF143346.D

Acq: 12 Aug 2025 10:35

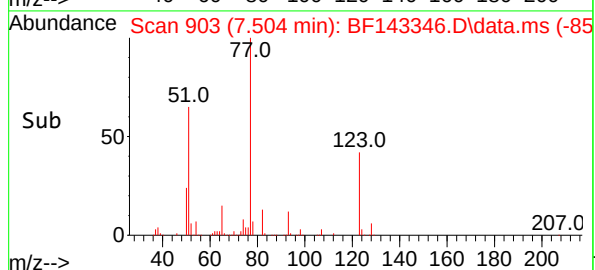
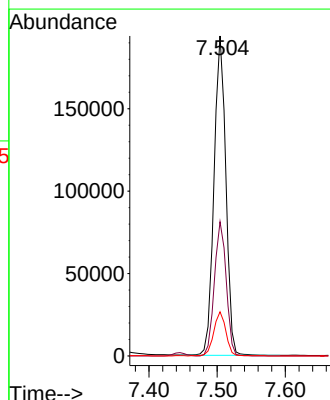
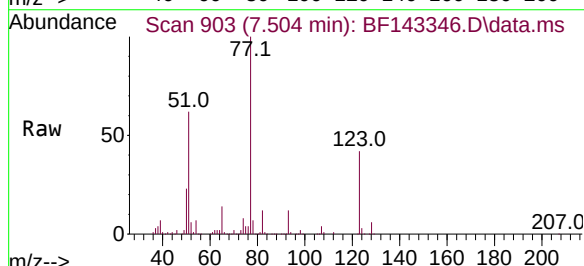
Tgt Ion: 77 Resp: 234624

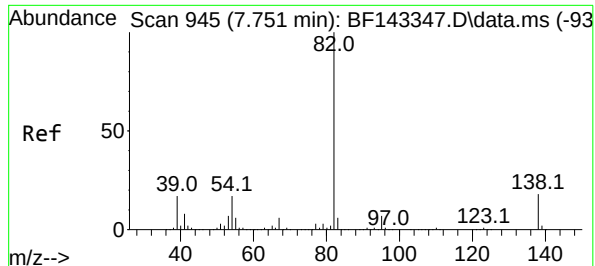
Ion Ratio Lower Upper

77 100

123 41.9 34.8 52.2

65 13.8 11.0 16.6

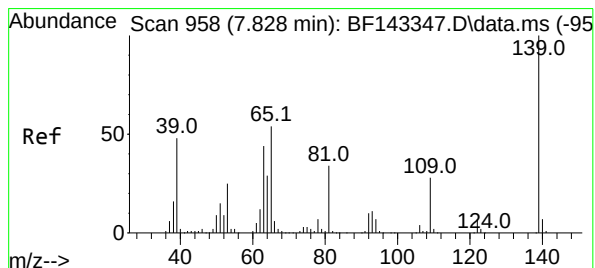
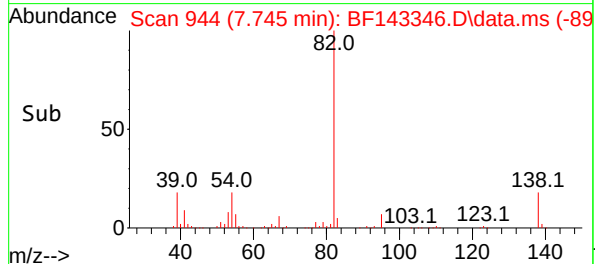
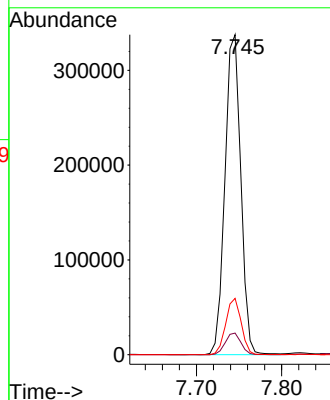
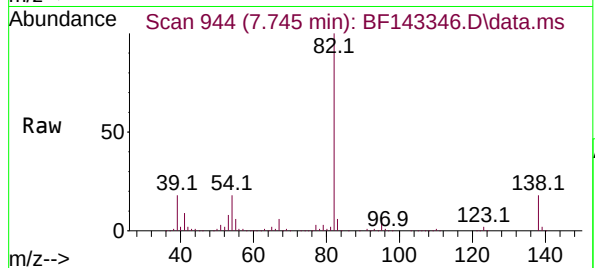




#25
Isophorone
Concen: 20.827 ng
RT: 7.745 min Scan# 944
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

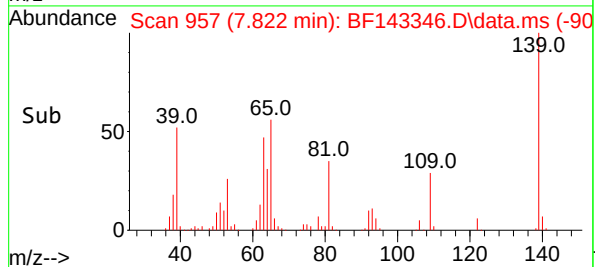
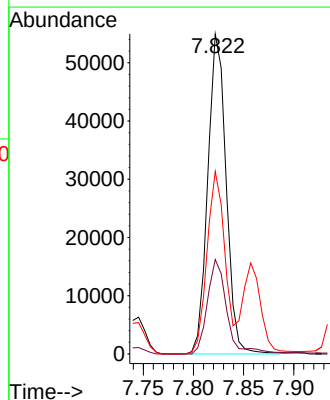
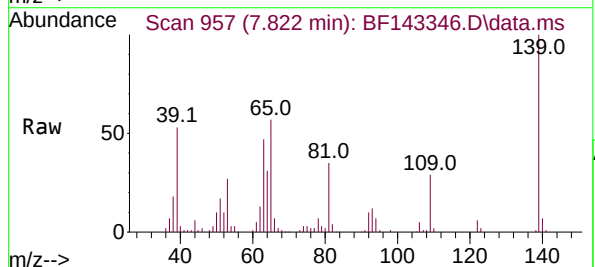
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

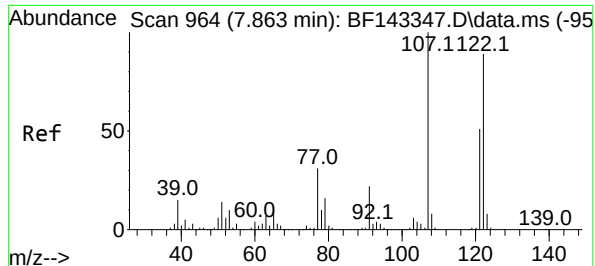
Tgt Ion: 82 Resp: 437206
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 17.6 14.6 21.8



#26
2-Nitrophenol
Concen: 18.121 ng
RT: 7.822 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion: 139 Resp: 70117
Ion Ratio Lower Upper
139 100
109 29.5 22.4 33.6
65 57.1 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 21.087 ng

RT: 7.857 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF143346.D

Acq: 12 Aug 2025 10:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

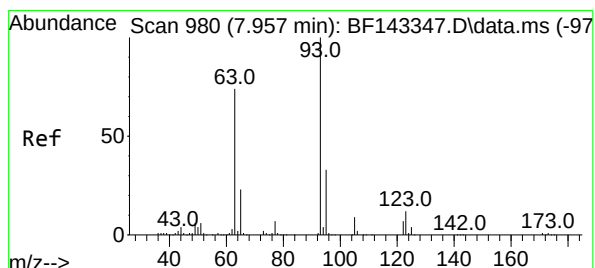
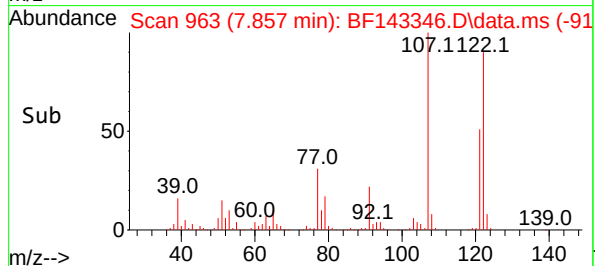
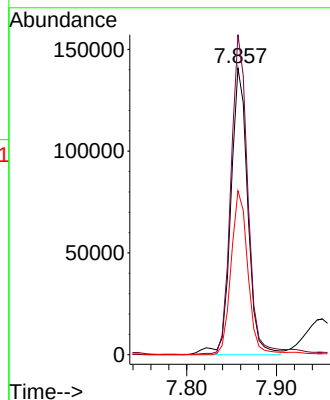
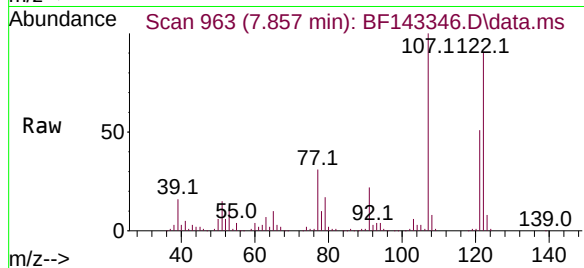
Tgt Ion:122 Resp: 184676

Ion Ratio Lower Upper

122 100

107 111.7 89.9 134.9

121 57.2 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 21.236 ng

RT: 7.951 min Scan# 979

Delta R.T. -0.006 min

Lab File: BF143346.D

Acq: 12 Aug 2025 10:35

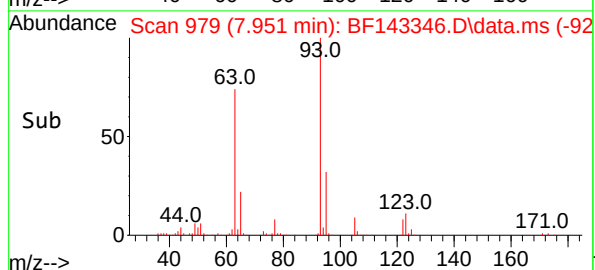
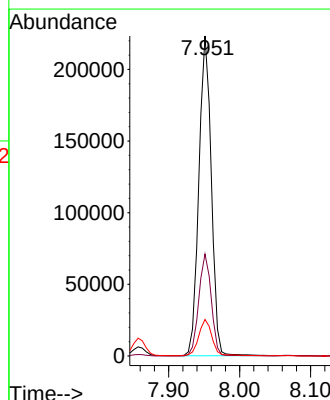
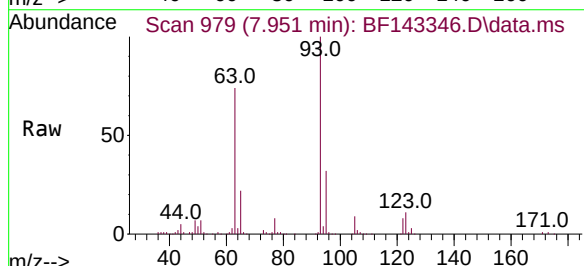
Tgt Ion: 93 Resp: 272180

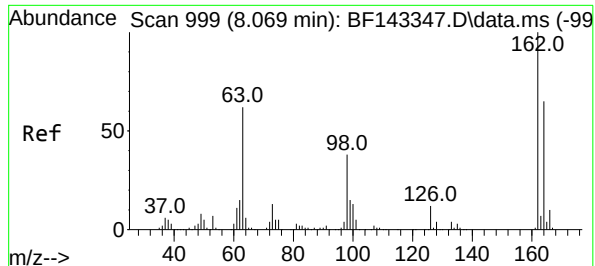
Ion Ratio Lower Upper

93 100

95 31.9 26.2 39.4

123 11.4 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 21.380 ng

RT: 8.069 min Scan# 999

Delta R.T. -0.000 min

Lab File: BF143346.D

Acq: 12 Aug 2025 10:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

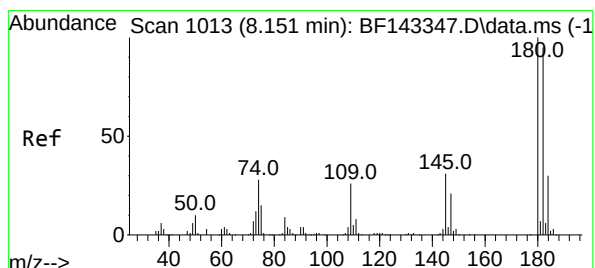
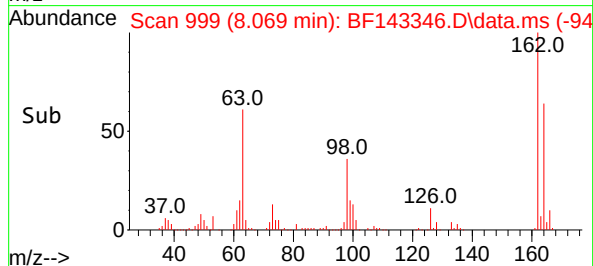
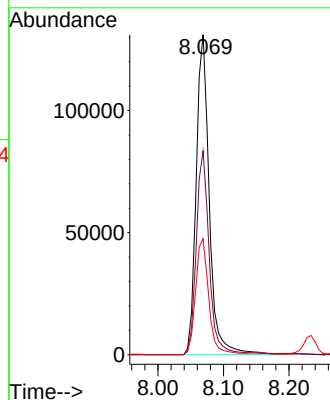
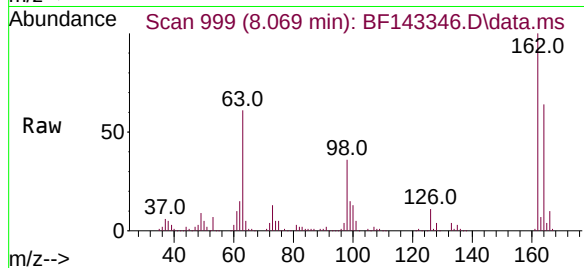
Tgt Ion:162 Resp: 182884

Ion Ratio Lower Upper

162 100

164 63.7 44.5 84.5

98 36.2 17.7 57.7



#30

1,2,4-Trichlorobenzene

Concen: 21.247 ng

RT: 8.151 min Scan# 1013

Delta R.T. -0.000 min

Lab File: BF143346.D

Acq: 12 Aug 2025 10:35

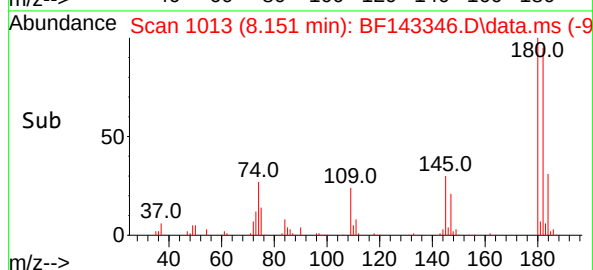
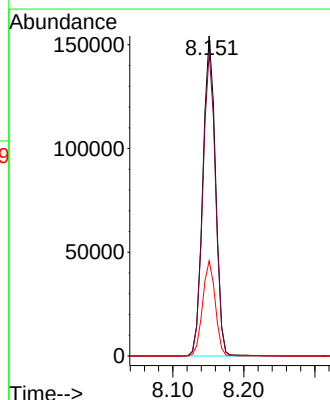
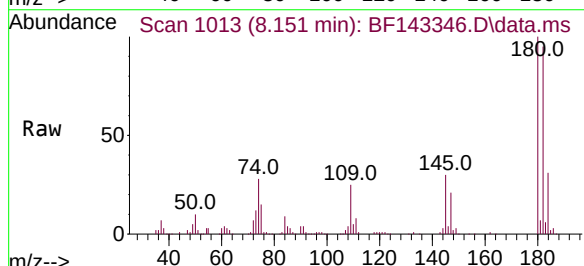
Tgt Ion:180 Resp: 191714

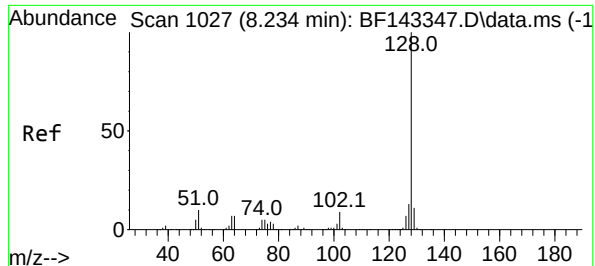
Ion Ratio Lower Upper

180 100

182 94.9 76.1 114.1

145 29.7 24.9 37.3

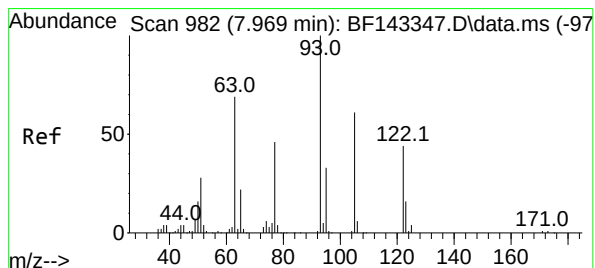
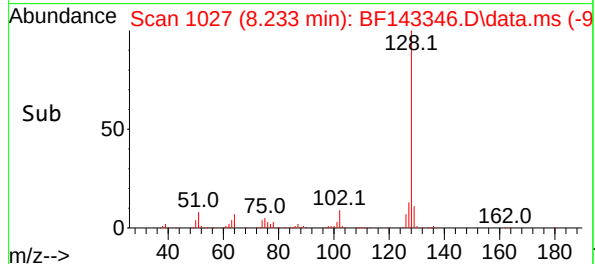
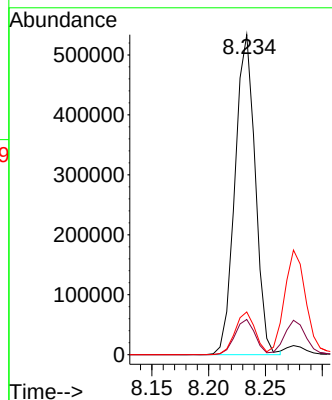
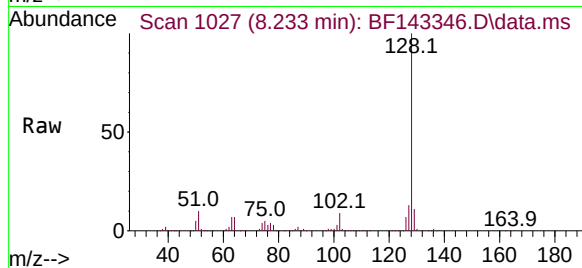




#31
Naphthalene
Concen: 21.378 ng
RT: 8.233 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

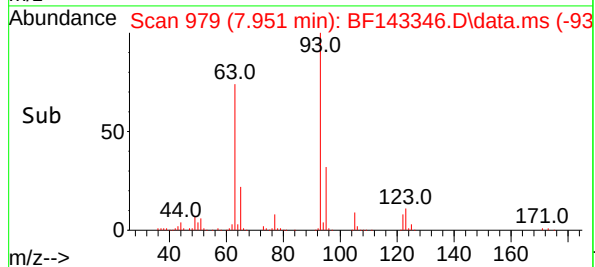
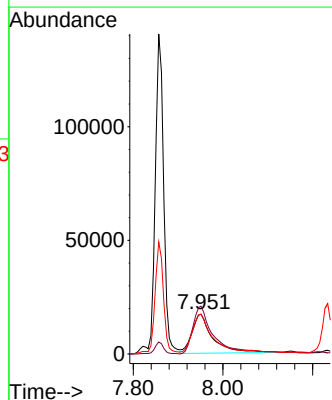
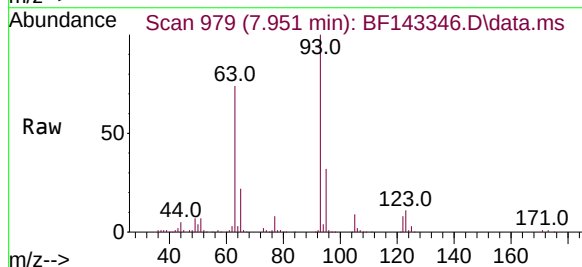
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

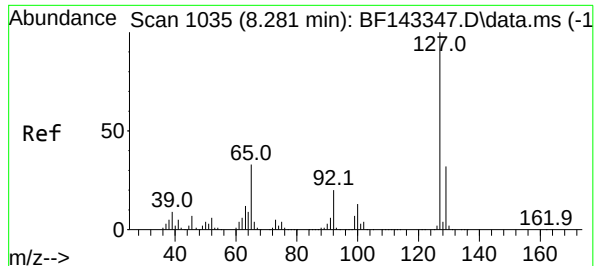
Tgt Ion:128 Resp: 658723
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 19.373 ng
RT: 7.951 min Scan# 979
Delta R.T. -0.018 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion:122 Resp: 54709
Ion Ratio Lower Upper
122 100
105 120.0 106.4 146.4
77 99.4 79.2 119.2





#33

4-Chloroaniline

Concen: 21.152 ng

RT: 8.275 min Scan# 1034

Delta R.T. -0.006 min

Lab File: BF143346.D

Acq: 12 Aug 2025 10:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:127 Resp: 235075

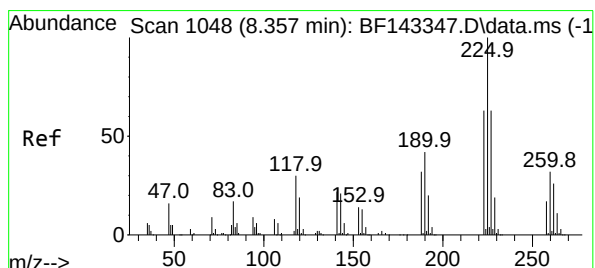
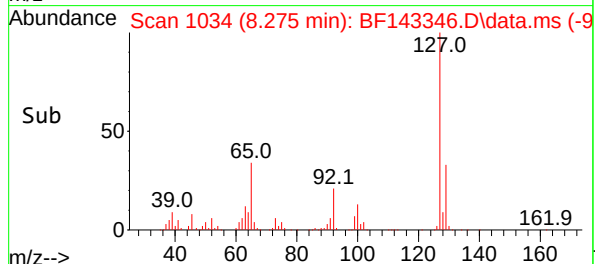
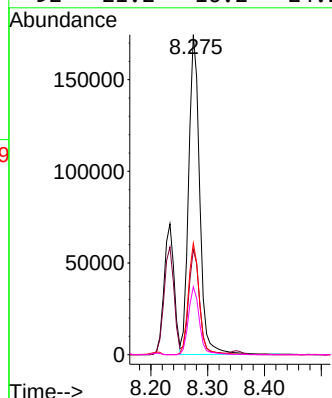
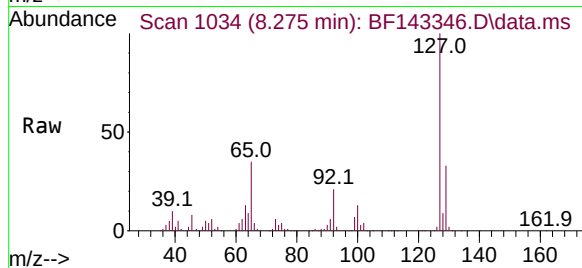
Ion Ratio Lower Upper

127 100

129 32.9 26.0 39.0

65 34.8 27.0 40.4

92 21.2 16.2 24.2



#34

Hexachlorobutadiene

Concen: 21.308 ng

RT: 8.351 min Scan# 1047

Delta R.T. -0.006 min

Lab File: BF143346.D

Acq: 12 Aug 2025 10:35

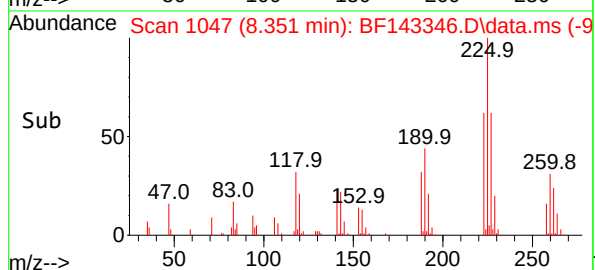
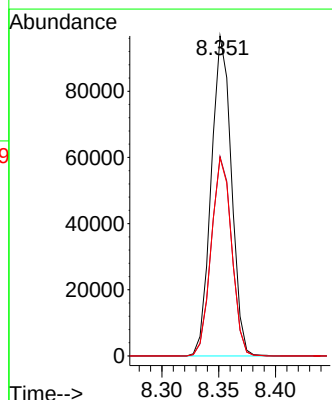
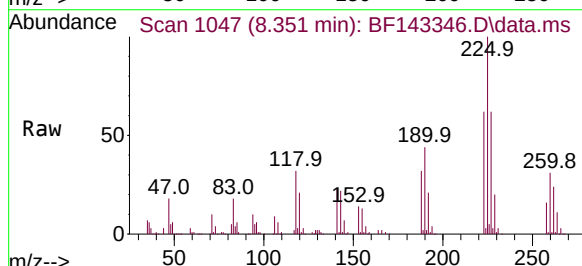
Tgt Ion:225 Resp: 119600

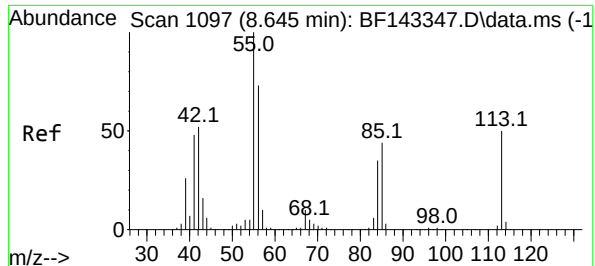
Ion Ratio Lower Upper

225 100

223 62.3 50.1 75.1

227 61.9 50.6 75.8

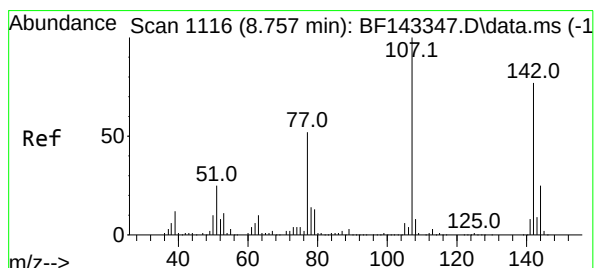
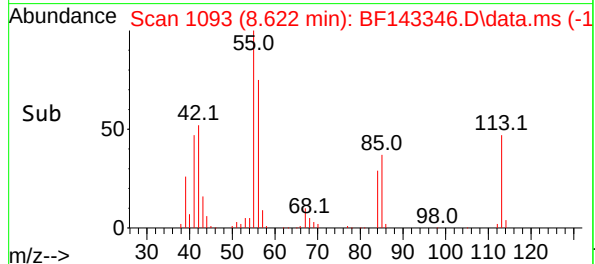
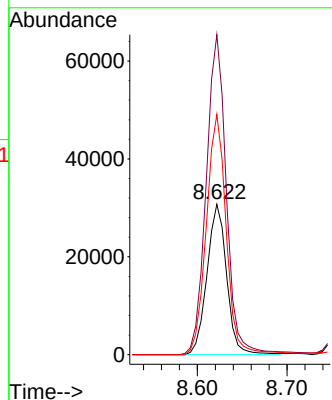
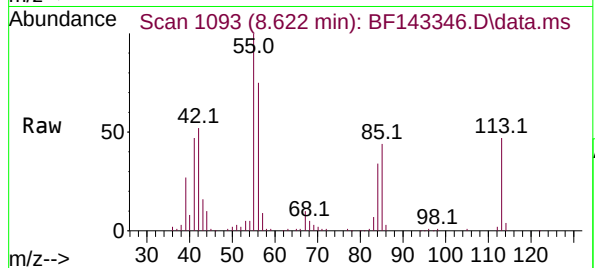




#35
Caprolactam
Concen: 19.474 ng
RT: 8.622 min Scan# 1093
Delta R.T. -0.024 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

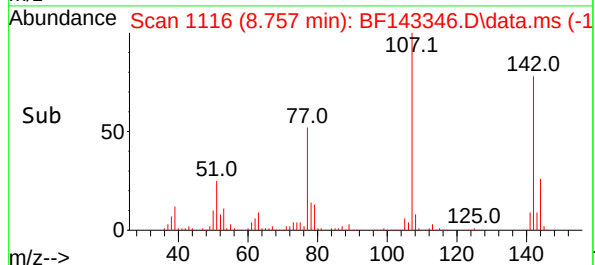
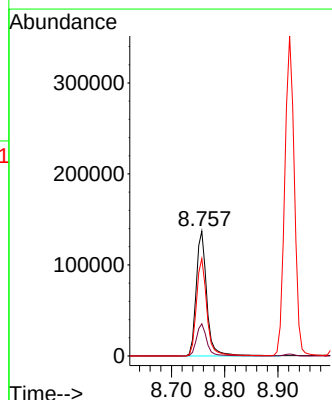
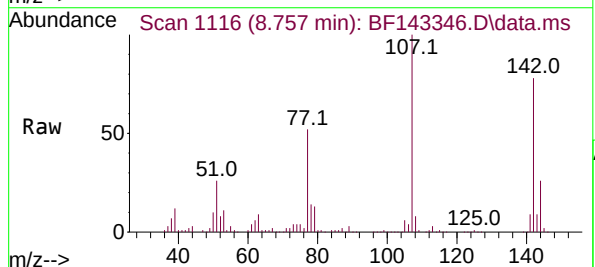
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

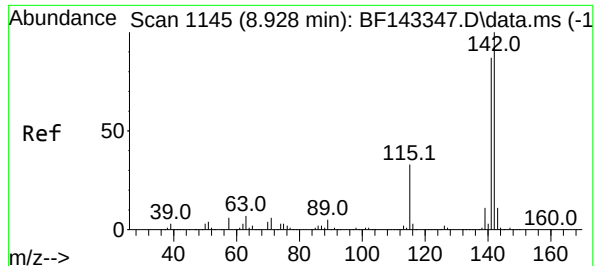
Tgt Ion:113 Resp: 46828
Ion Ratio Lower Upper
113 100
55 212.8 181.4 221.4
56 159.7 127.3 167.3



#36
4-Chloro-3-methylphenol
Concen: 21.148 ng
RT: 8.757 min Scan# 1116
Delta R.T. -0.000 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion:107 Resp: 189645
Ion Ratio Lower Upper
107 100
144 25.8 20.0 30.0
142 78.0 61.3 91.9





#37

2-Methylnaphthalene

Concen: 21.540 ng

RT: 8.922 min Scan# 1144

Delta R.T. -0.006 min

Lab File: BF143346.D

Acq: 12 Aug 2025 10:35

Instrument :

BNA_F

ClientSampleId :

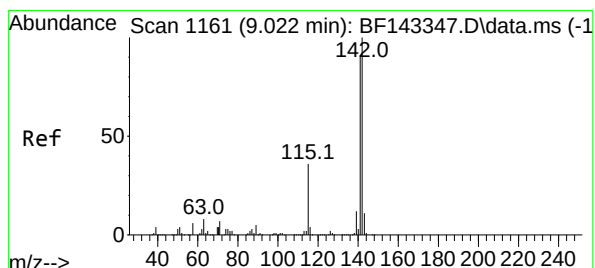
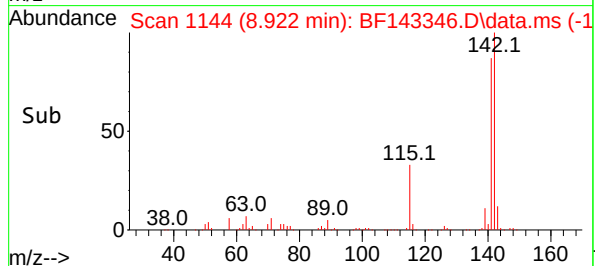
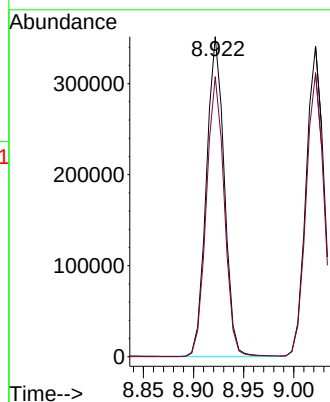
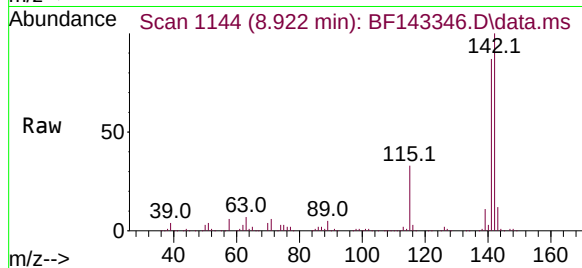
SSTDICC020

Tgt Ion:142 Resp: 436344

Ion Ratio Lower Upper

142 100

141 87.5 69.8 104.8



#38

1-Methylnaphthalene

Concen: 21.421 ng

RT: 9.022 min Scan# 1161

Delta R.T. -0.000 min

Lab File: BF143346.D

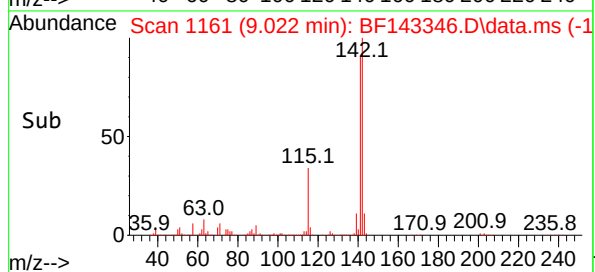
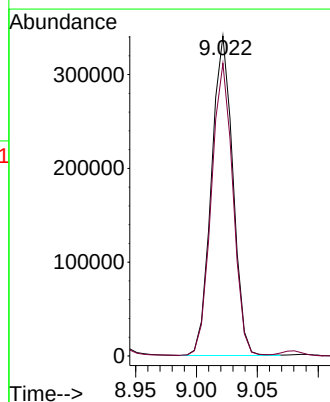
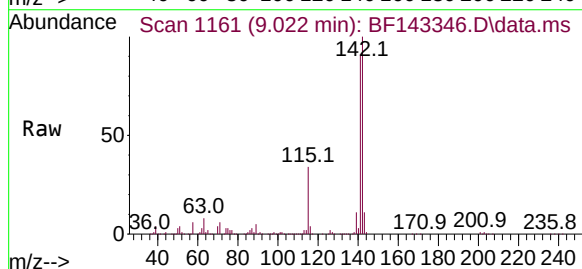
Acq: 12 Aug 2025 10:35

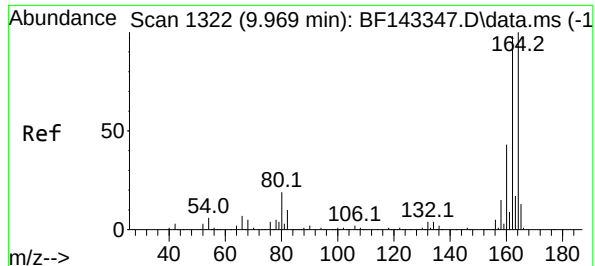
Tgt Ion:142 Resp: 417915

Ion Ratio Lower Upper

142 100

141 91.5 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.963 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143346.D

Acq: 12 Aug 2025 10:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

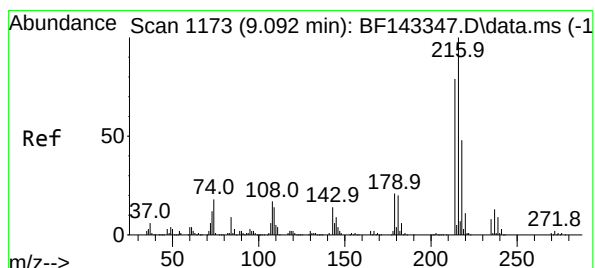
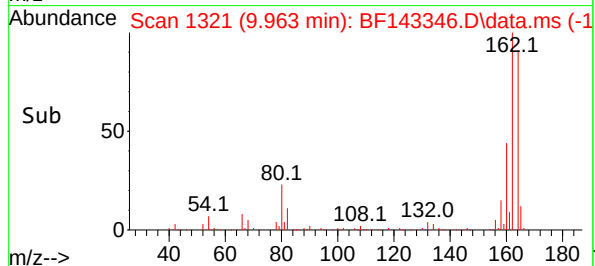
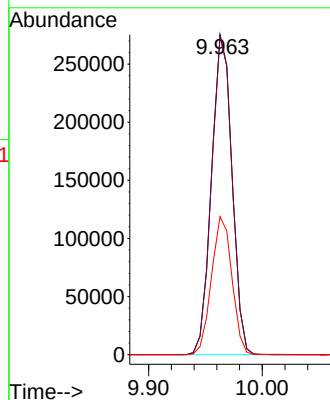
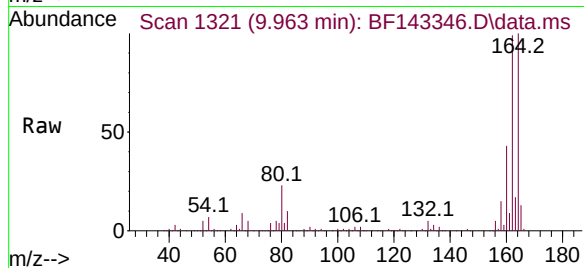
Tgt Ion:164 Resp: 345152

Ion Ratio Lower Upper

164 100

162 99.4 78.6 118.0

160 43.2 34.4 51.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 21.001 ng

RT: 9.092 min Scan# 1173

Delta R.T. -0.000 min

Lab File: BF143346.D

Acq: 12 Aug 2025 10:35

Tgt Ion:216 Resp: 198354

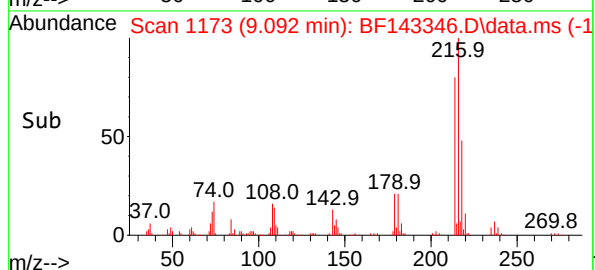
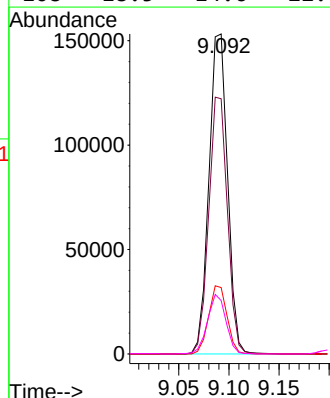
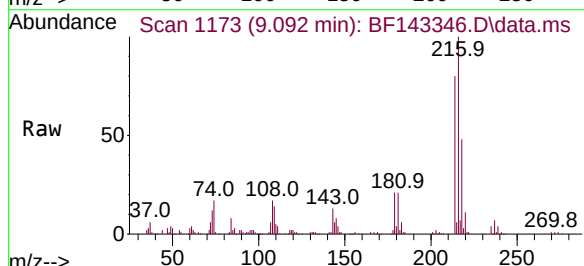
Ion Ratio Lower Upper

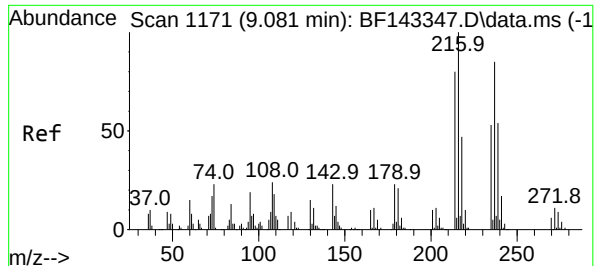
216 100

214 80.4 63.0 94.4

179 21.0 17.0 25.4

108 18.5 14.6 22.0

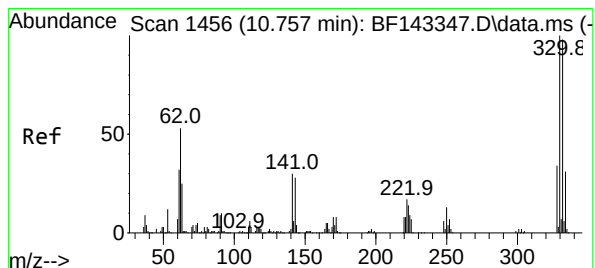
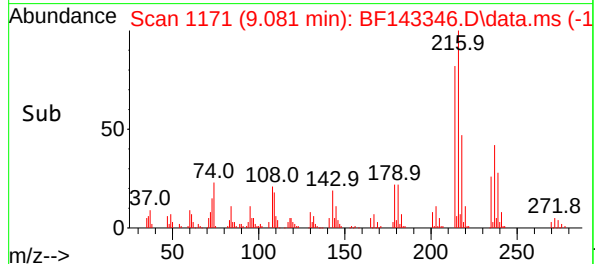
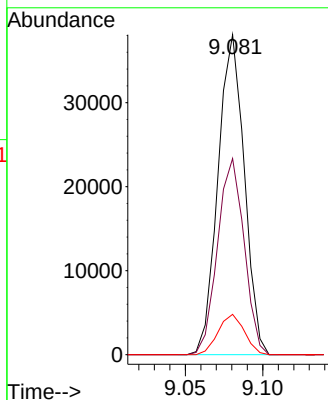
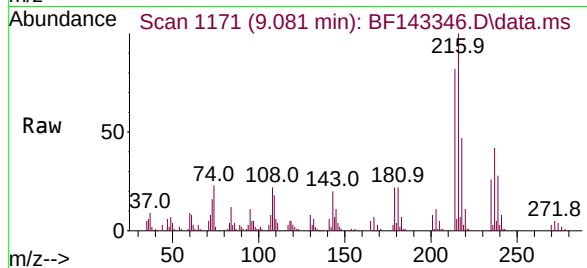




#41
Hexachlorocyclopentadiene
Concen: 19.003 ng
RT: 9.081 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

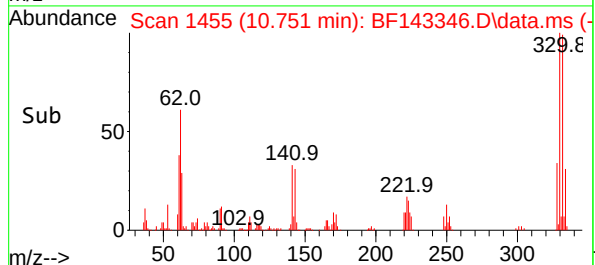
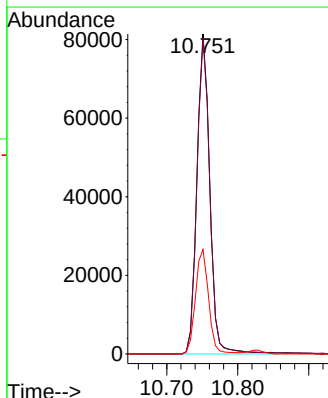
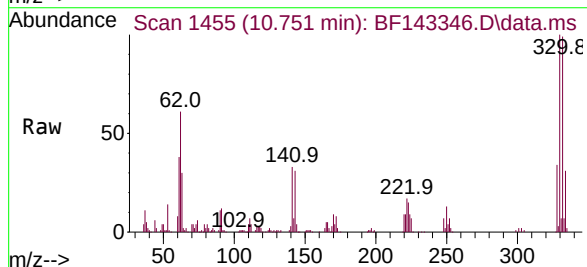
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

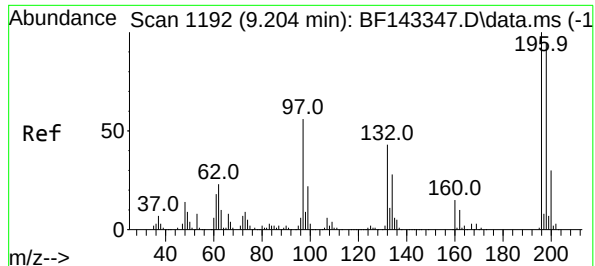
Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.3	42.0	82.0
272	12.6	0.0	32.6



#42
2,4,6-Tribromophenol
Concen: 40.847 ng
RT: 10.751 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.7	78.1	117.1
141	33.2	25.4	38.0





#43

2,4,6-Trichlorophenol

Concen: 20.378 ng

RT: 9.198 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF143346.D

Acq: 12 Aug 2025 10:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

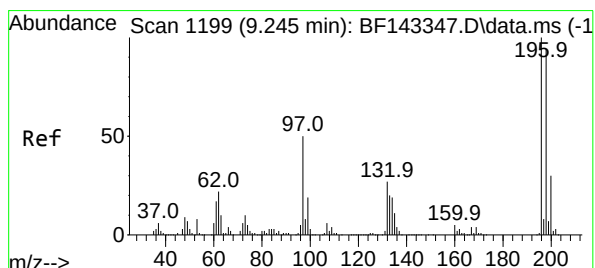
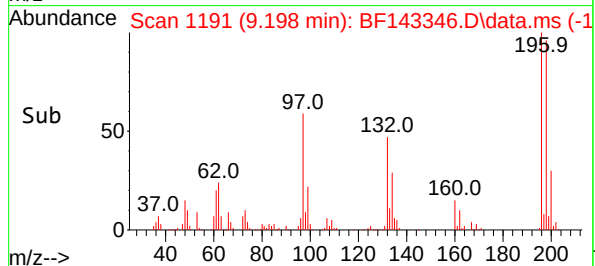
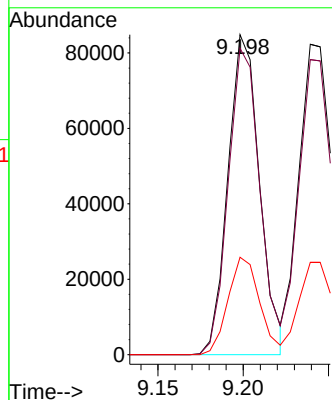
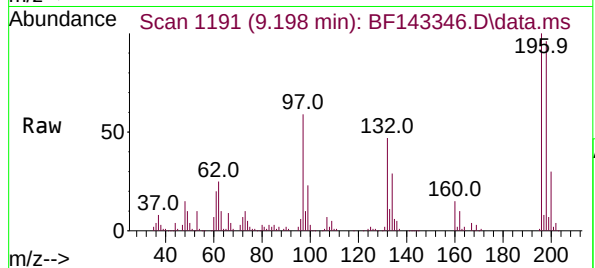
Tgt Ion:196 Resp: 109203

Ion Ratio Lower Upper

196 100

198 95.7 75.4 113.0

200 30.4 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 20.892 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF143346.D

Acq: 12 Aug 2025 10:35

Tgt Ion:196 Resp: 126432

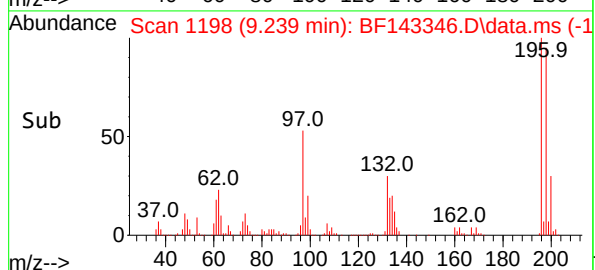
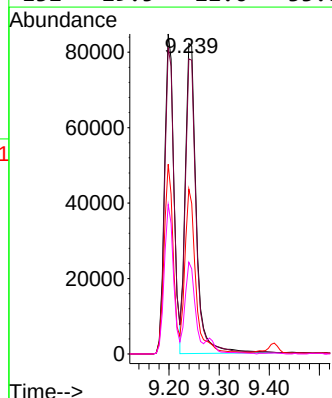
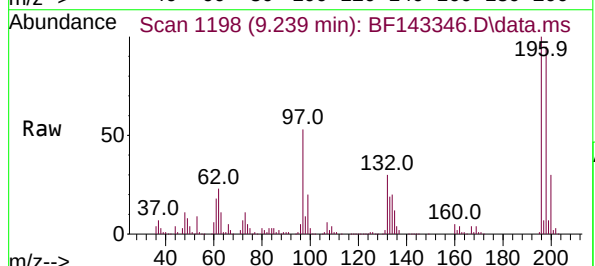
Ion Ratio Lower Upper

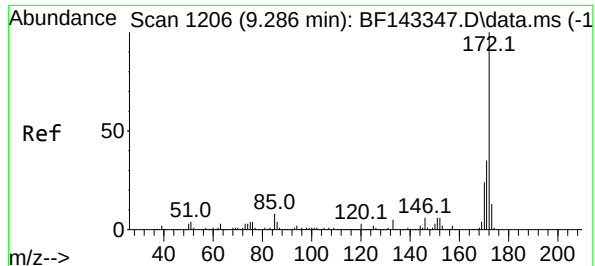
196 100

198 95.1 75.4 113.2

97 53.1 39.9 59.9

132 29.5 22.6 33.8





#45

2-Fluorobiphenyl

Concen: 43.569 ng

RT: 9.280 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF143346.D

Acq: 12 Aug 2025 10:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

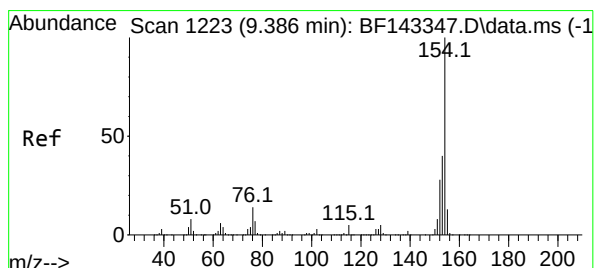
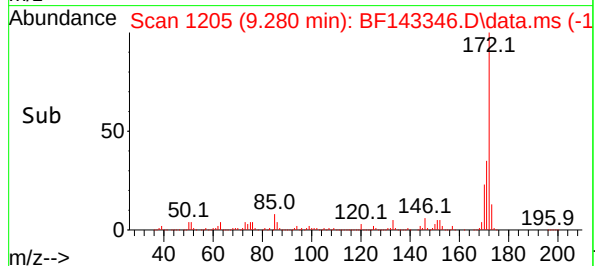
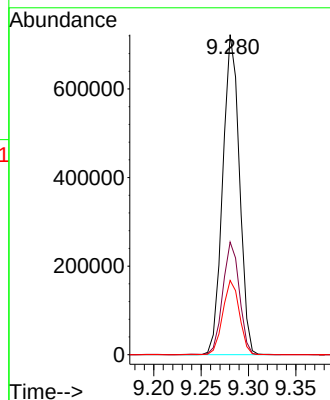
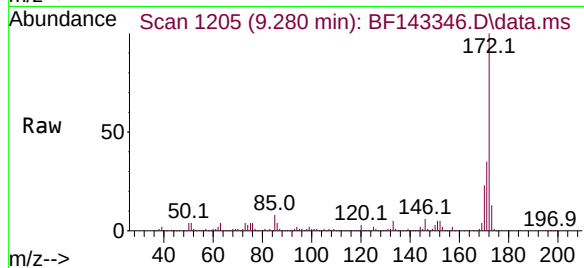
Tgt Ion:172 Resp: 886799

Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.2 19.1 28.7



#46

1,1'-Biphenyl

Concen: 21.447 ng

RT: 9.380 min Scan# 1222

Delta R.T. -0.006 min

Lab File: BF143346.D

Acq: 12 Aug 2025 10:35

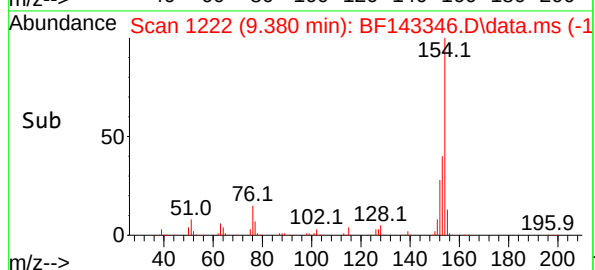
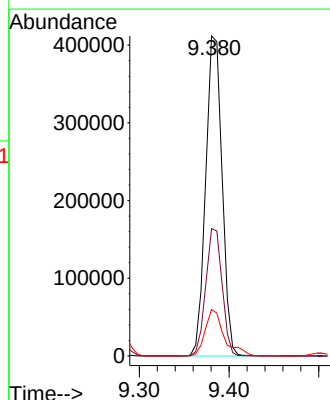
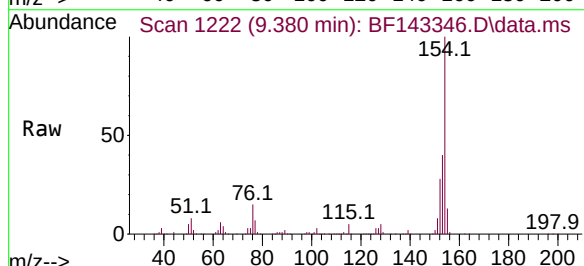
Tgt Ion:154 Resp: 523392

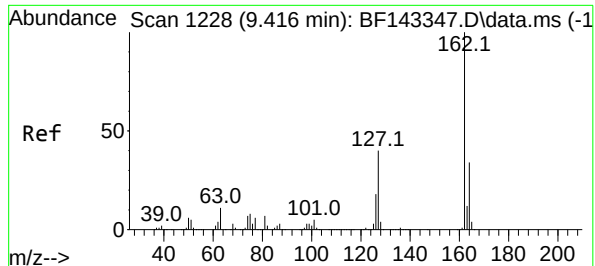
Ion Ratio Lower Upper

154 100

153 39.8 20.2 60.2

76 14.5 0.0 34.4





#47

2-Chloronaphthalene

Concen: 21.196 ng

RT: 9.410 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143346.D

Acq: 12 Aug 2025 10:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

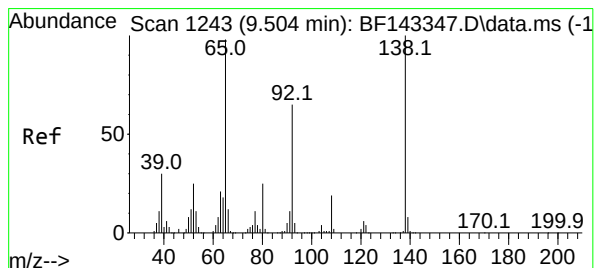
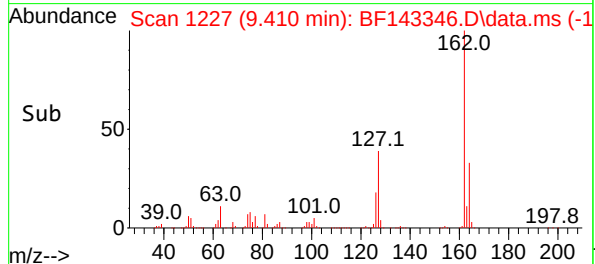
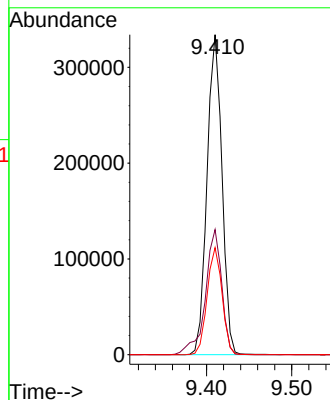
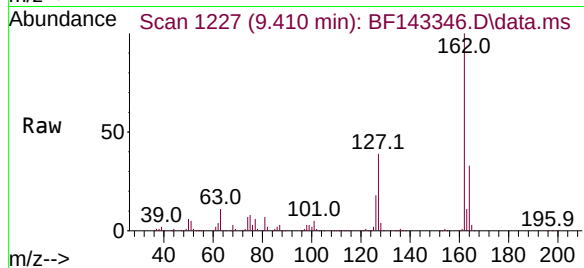
Tgt Ion:162 Resp: 407385

Ion Ratio Lower Upper

162 100

127 39.1 32.1 48.1

164 33.4 27.0 40.4



#48

2-Nitroaniline

Concen: 19.121 ng

RT: 9.498 min Scan# 1242

Delta R.T. -0.006 min

Lab File: BF143346.D

Acq: 12 Aug 2025 10:35

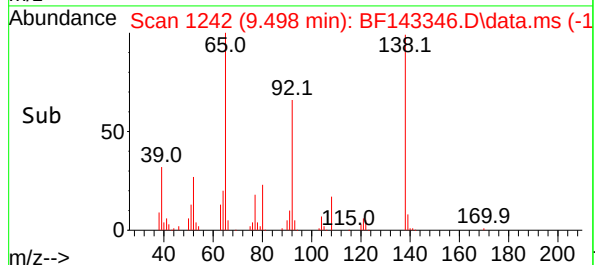
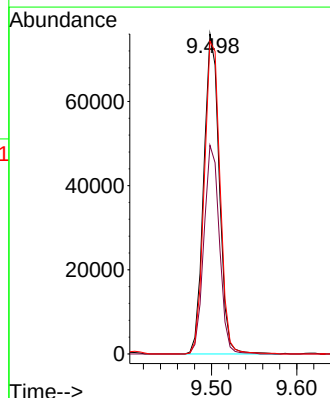
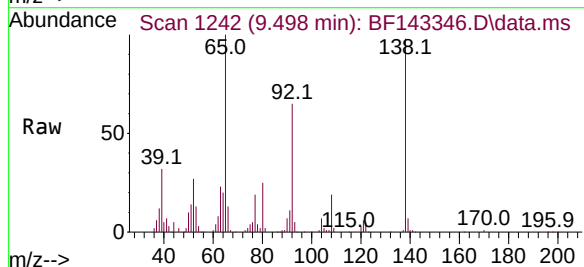
Tgt Ion: 65 Resp: 96206

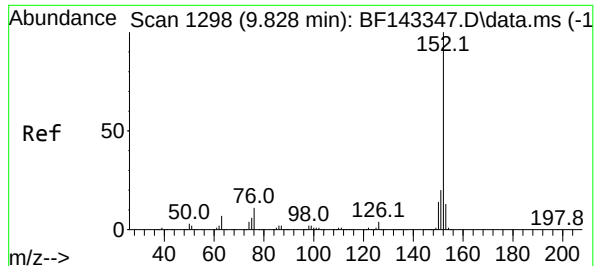
Ion Ratio Lower Upper

65 100

92 65.2 53.1 79.7

138 97.7 81.4 122.0





#49

Acenaphthylene

Concen: 21.374 ng

RT: 9.828 min Scan# 1298

Delta R.T. -0.000 min

Lab File: BF143346.D

Acq: 12 Aug 2025 10:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

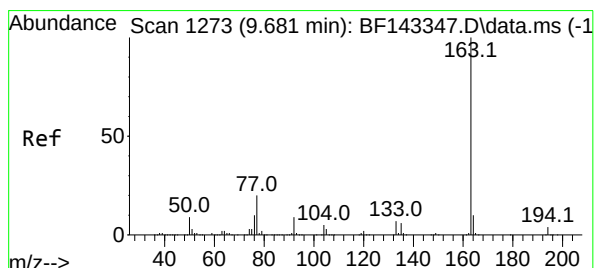
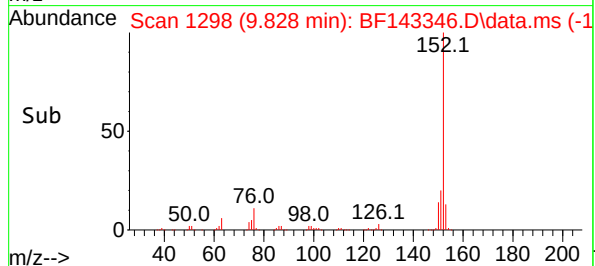
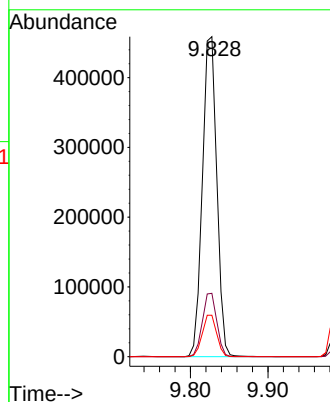
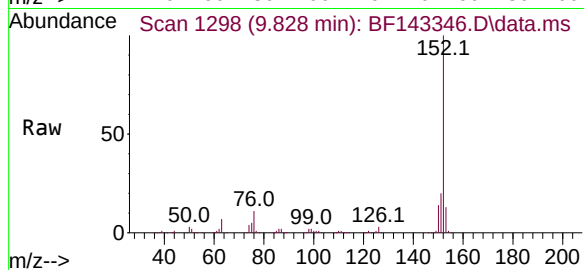
Tgt Ion:152 Resp: 593246

Ion Ratio Lower Upper

152 100

151 19.8 16.2 24.2

153 13.0 10.6 16.0



#50

Dimethylphthalate

Concen: 21.297 ng

RT: 9.675 min Scan# 1272

Delta R.T. -0.006 min

Lab File: BF143346.D

Acq: 12 Aug 2025 10:35

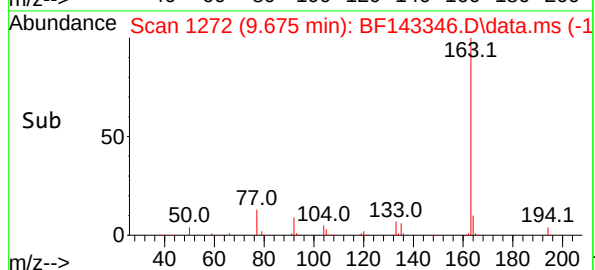
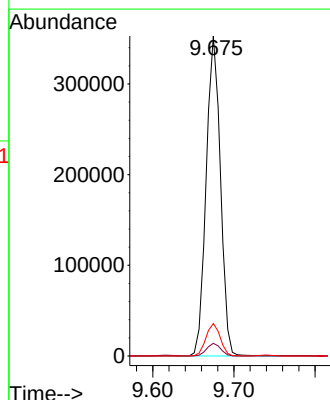
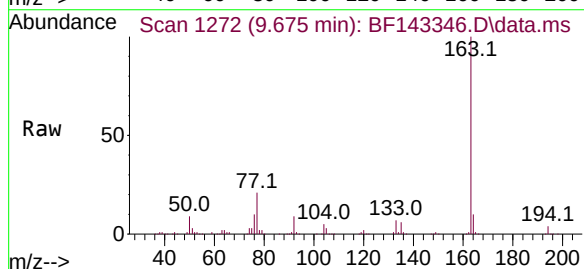
Tgt Ion:163 Resp: 429516

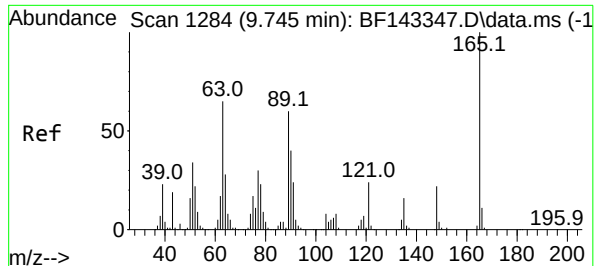
Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

164 10.1 8.2 12.2

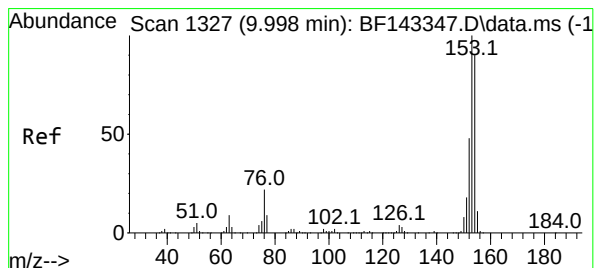
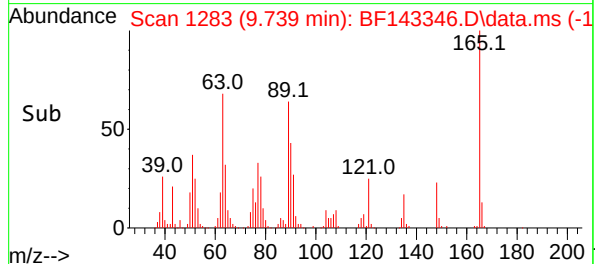
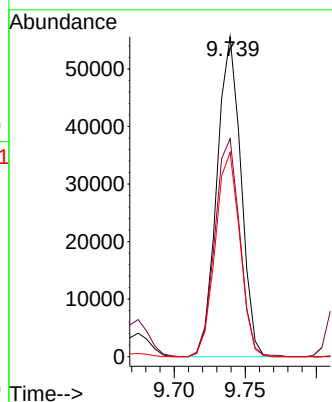
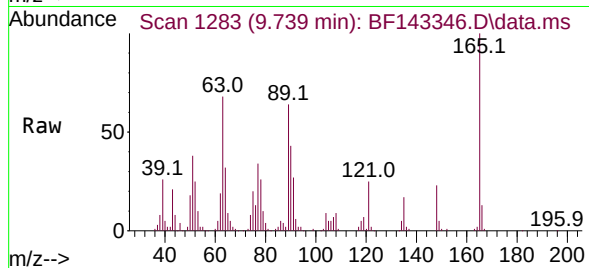




#51
2,6-Dinitrotoluene
Concen: 18.954 ng
RT: 9.739 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

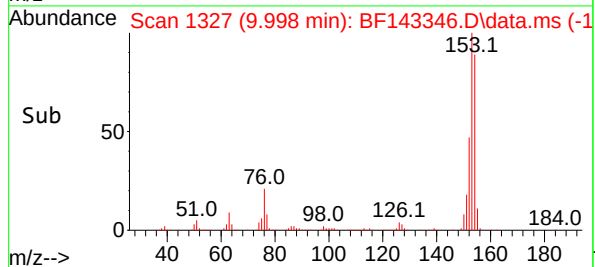
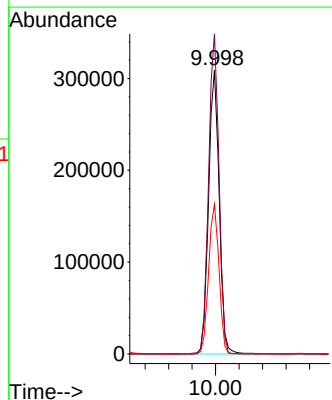
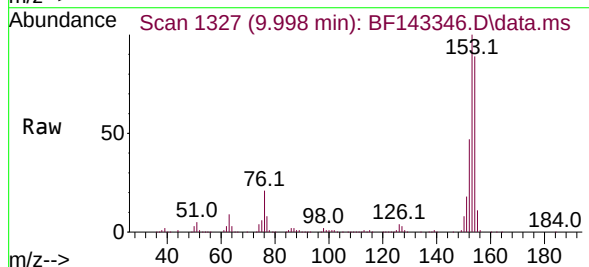
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

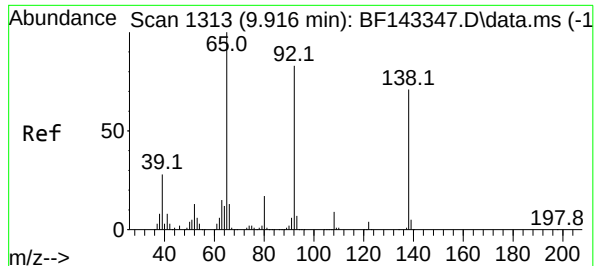
Tgt Ion:165 Resp: 65043
Ion Ratio Lower Upper
165 100
63 68.1 51.6 77.4
89 63.9 47.7 71.5



#52
Acenaphthene
Concen: 20.959 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion:154 Resp: 386752
Ion Ratio Lower Upper
154 100
153 112.8 88.5 132.7
152 52.8 42.4 63.6

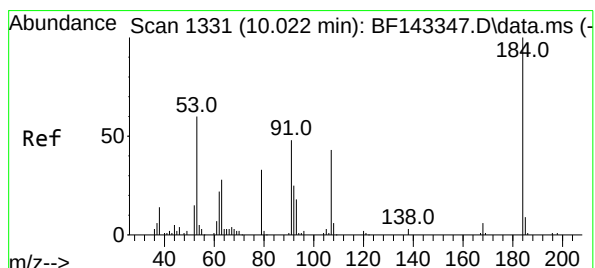
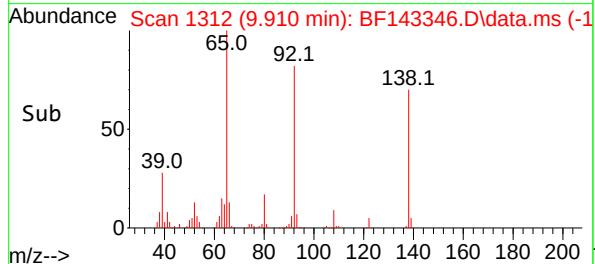
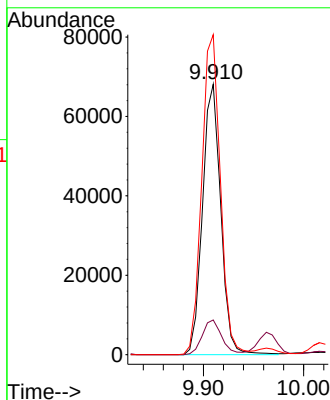
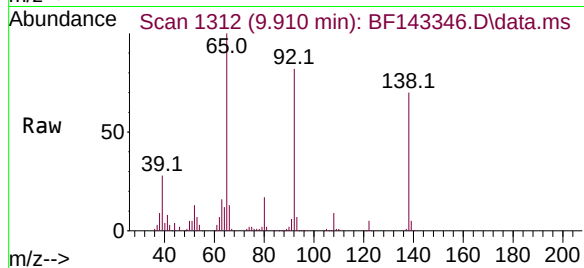




#53
3-Nitroaniline
Concen: 20.928 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

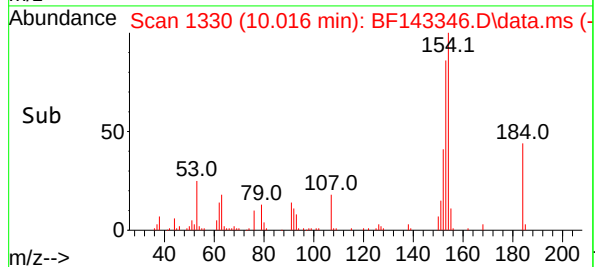
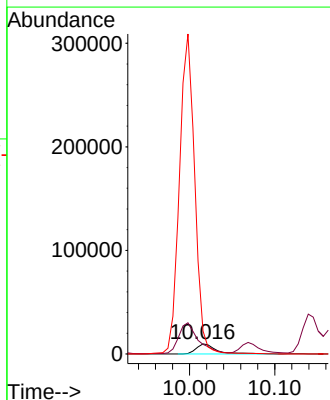
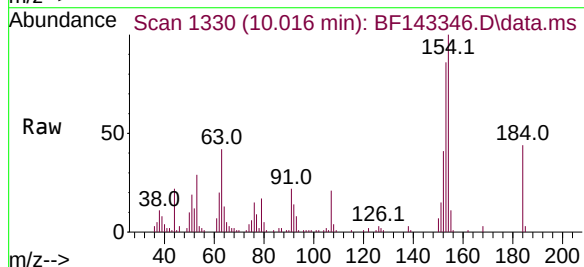
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

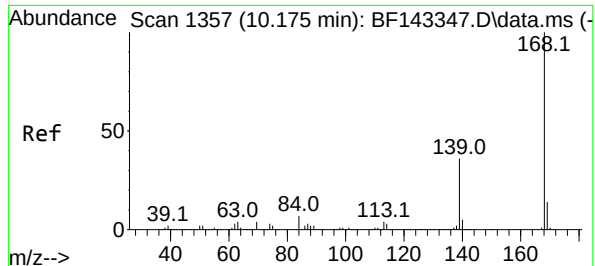
Tgt Ion	Ratio	Lower	Upper
138	100		
108	12.9	9.6	14.4
92	118.3	93.4	140.2



#54
2,4-Dinitrophenol
Concen: 19.272 ng
RT: 10.016 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion	Ratio	Lower	Upper
184	100		
63	95.6	62.5	93.7#
154	228.4	73.0	109.4#

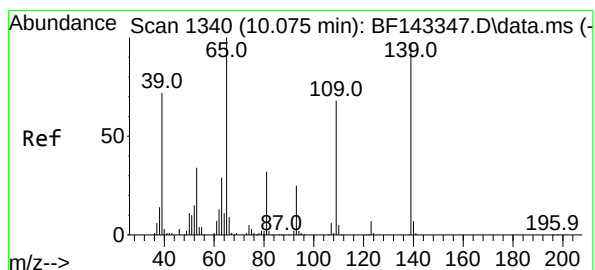
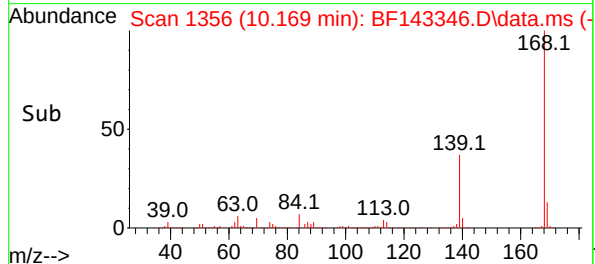
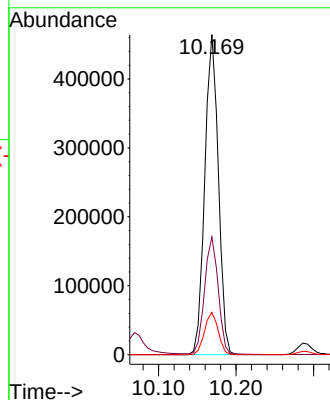
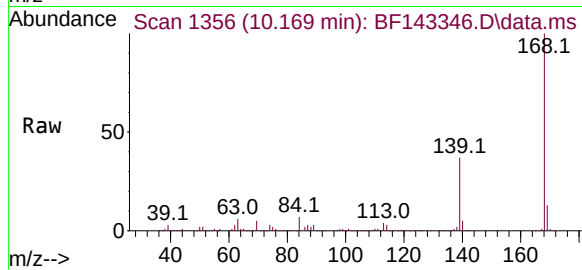




#55
Dibenzenofuran
Concen: 21.238 ng
RT: 10.169 min Scan# 1357
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

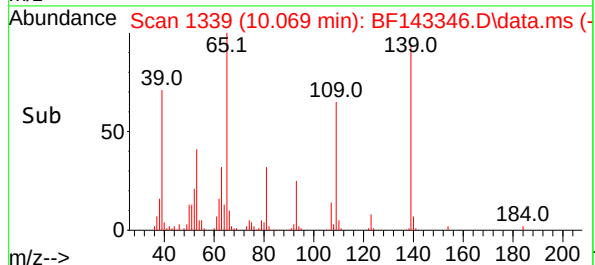
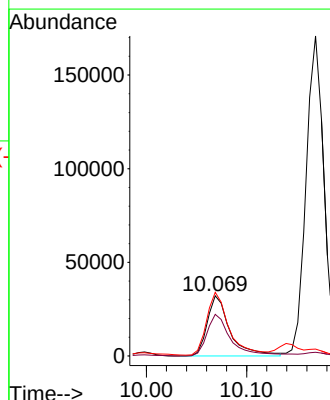
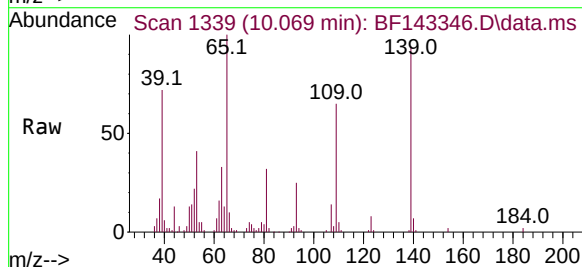
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

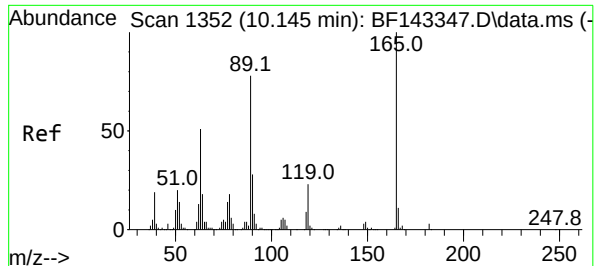
Tgt Ion:168 Resp: 564025
Ion Ratio Lower Upper
168 100
139 36.8 29.4 44.0
169 13.3 11.0 16.6



#56
4-Nitrophenol
Concen: 19.809 ng
RT: 10.069 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion:139 Resp: 50785
Ion Ratio Lower Upper
139 100
109 69.3 49.4 89.4
65 105.9 83.7 123.7

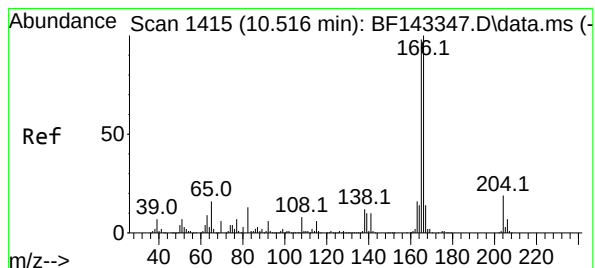
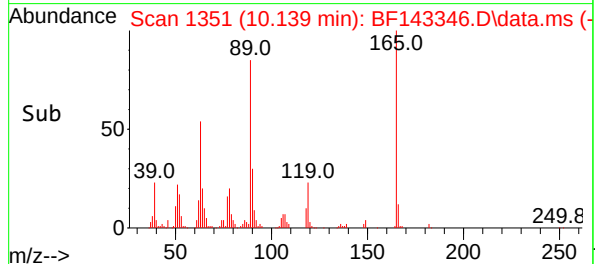
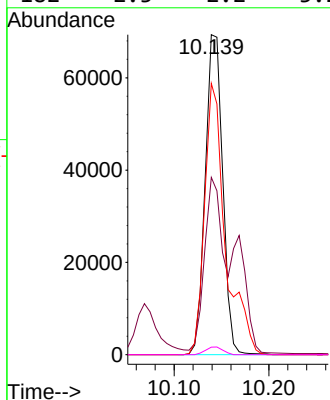
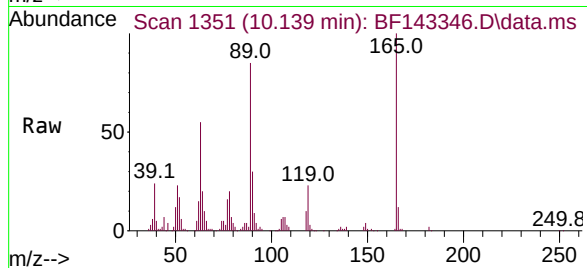




#57
2,4-Dinitrotoluene
Concen: 19.432 ng
RT: 10.139 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

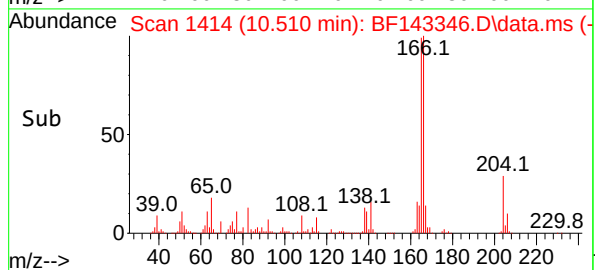
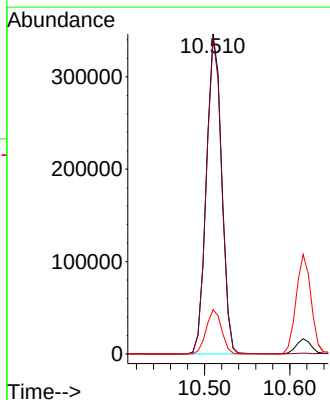
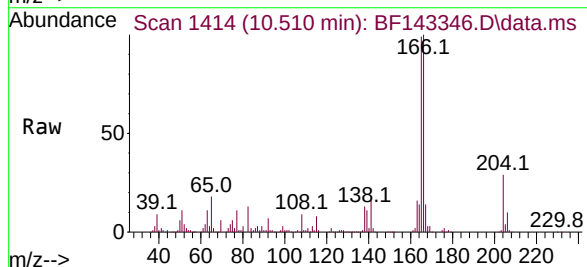
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

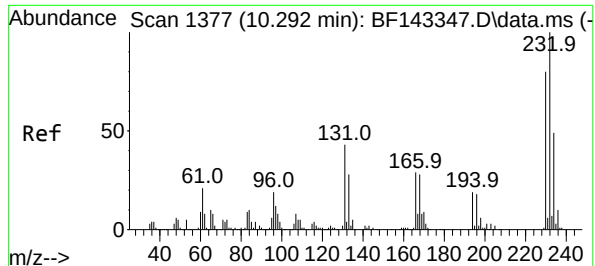
Tgt Ion:165	Resp:	88718
Ion	Ratio	Lower Upper
165	100	
63	55.4	41.8 62.8
89	84.8	62.4 93.6
182	2.3	2.2 3.2



#58
Fluorene
Concen: 21.289 ng
RT: 10.510 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion:166	Resp:	431847
Ion	Ratio	Lower Upper
166	100	
165	98.5	78.2 117.4
167	13.9	10.9 16.3

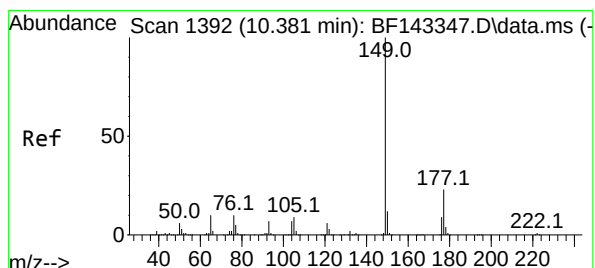
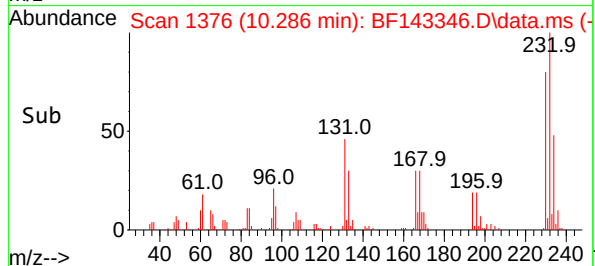
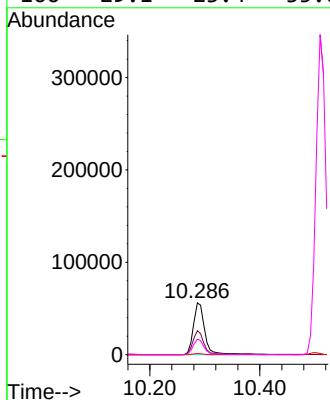
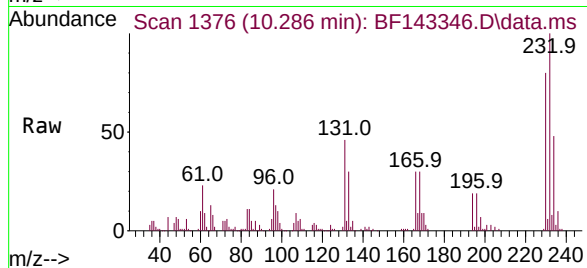




#59
2,3,4,6-Tetrachlorophenol
Concen: 19.975 ng
RT: 10.286 min Scan# 1376
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

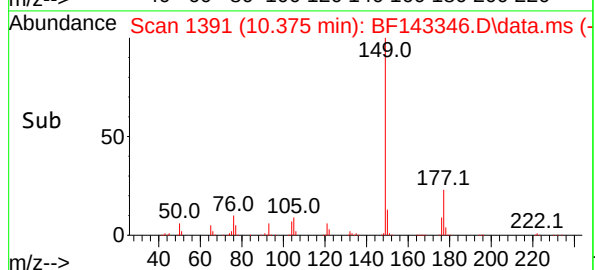
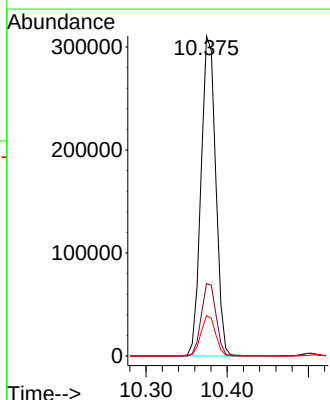
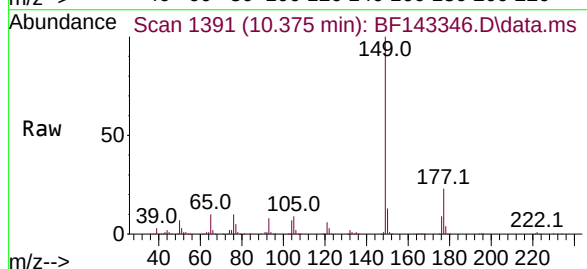
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

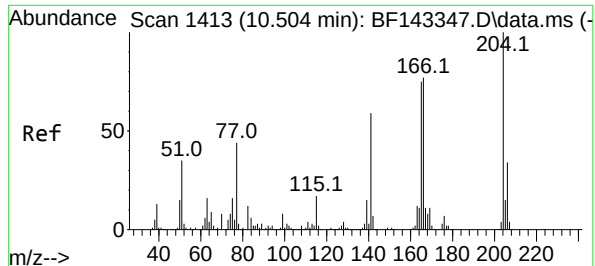
Tgt Ion:232 Resp: 81483
Ion Ratio Lower Upper
232 100
131 43.9 34.6 51.8
130 1.9 1.7 2.5
166 29.1 23.4 35.0



#60
Diethylphthalate
Concen: 21.624 ng
RT: 10.375 min Scan# 1391
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion:149 Resp: 390634
Ion Ratio Lower Upper
149 100
177 22.6 18.2 27.2
150 12.6 9.9 14.9

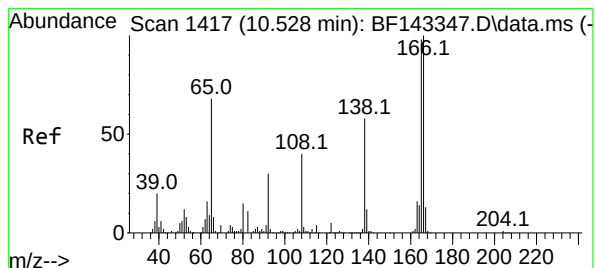
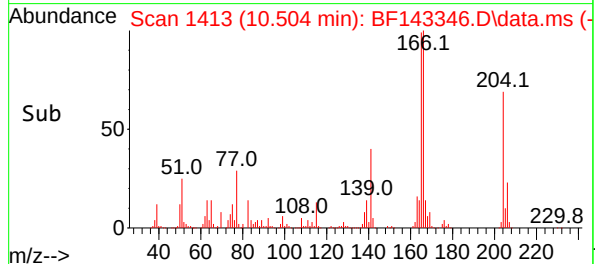
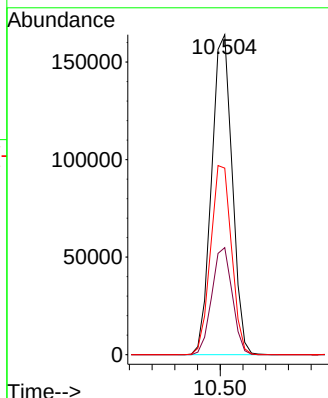
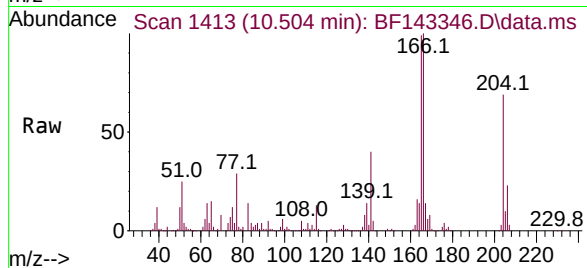




#61
4-Chlorophenyl-phenylether
Concen: 21.124 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

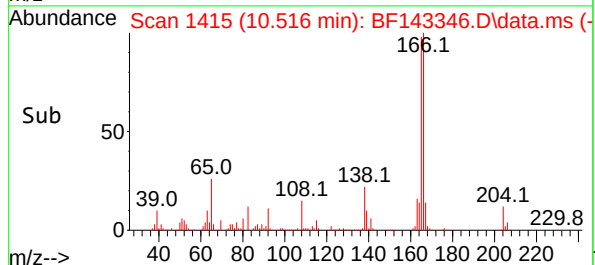
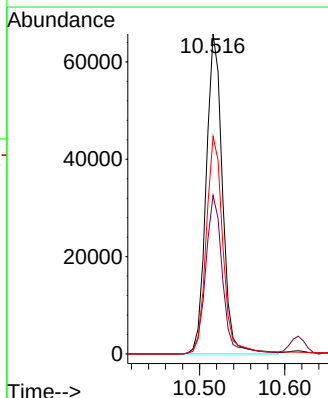
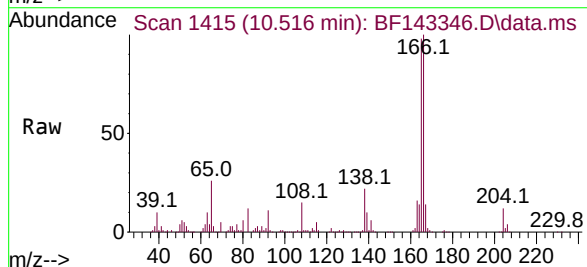
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

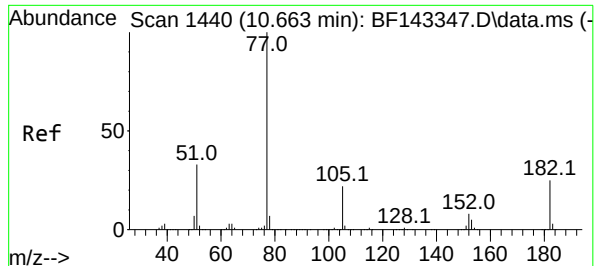
Tgt Ion:204 Resp: 207053
Ion Ratio Lower Upper
204 100
206 33.5 27.4 41.2
141 58.3 46.9 70.3



#62
4-Nitroaniline
Concen: 21.864 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion:138 Resp: 87370
Ion Ratio Lower Upper
138 100
92 49.5 31.2 71.2
108 68.0 48.1 88.1

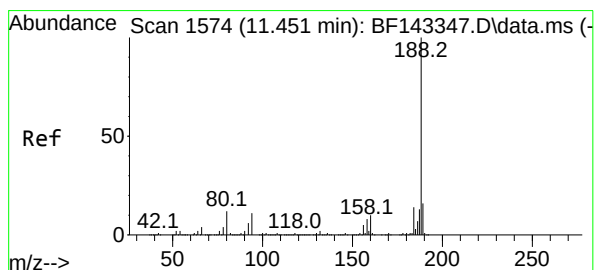
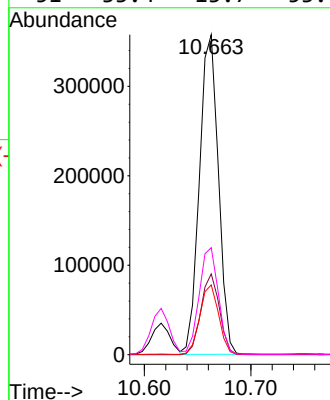
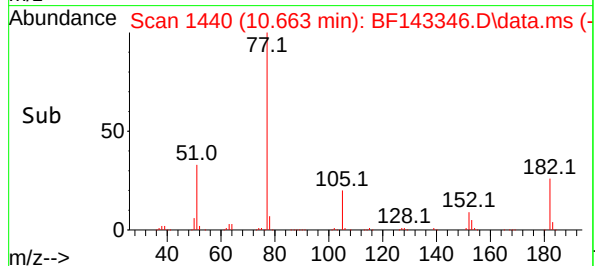
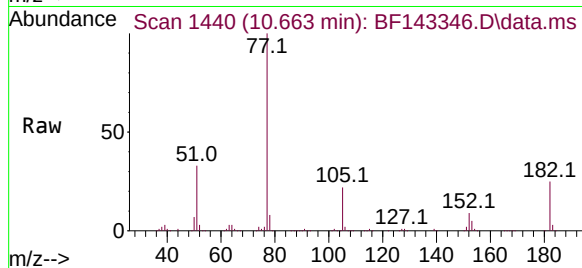




#63
Azobenzene
Concen: 21.493 ng
RT: 10.663 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

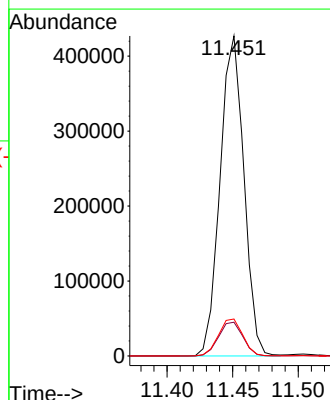
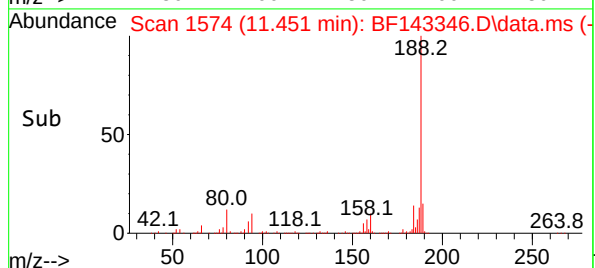
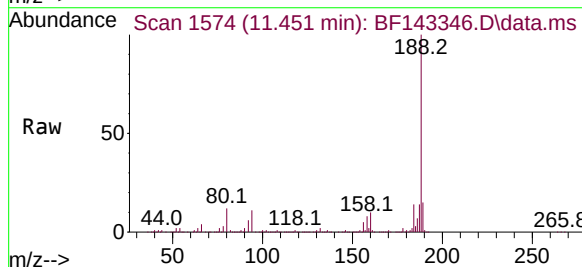
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

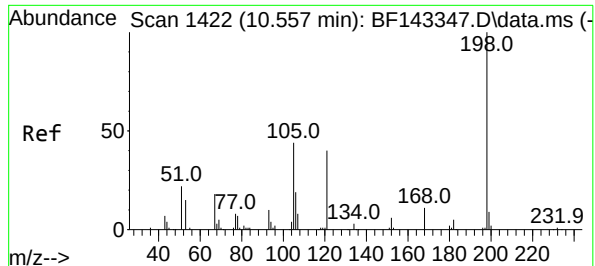
Tgt Ion: 77	Resp: 443476
Ion Ratio	Lower Upper
77 100	
182 25.3	4.4 44.4
105 21.8	1.8 41.8
51 33.4	13.7 53.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion: 188	Resp: 538915
Ion Ratio	Lower Upper
188 100	
94 10.6	8.8 13.2
80 11.6	9.7 14.5

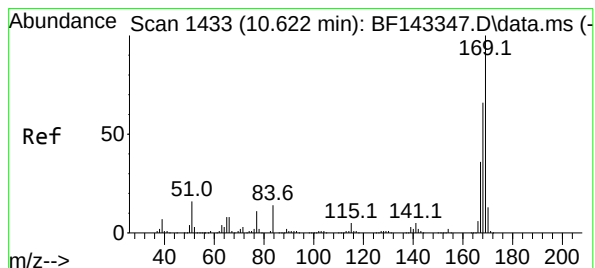
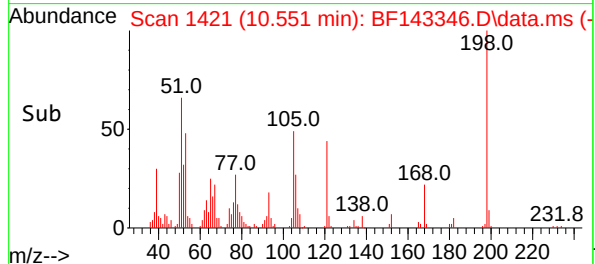
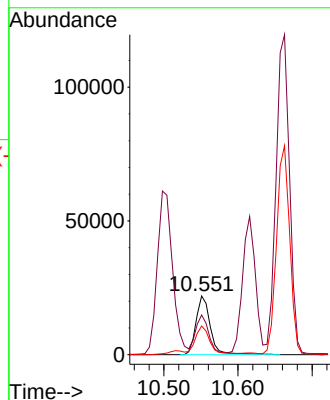
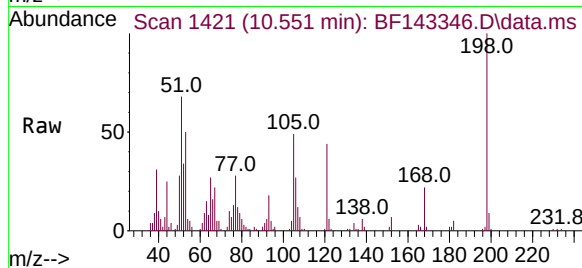




#65
4,6-Dinitro-2-methylphenol
Concen: 18.676 ng
RT: 10.551 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

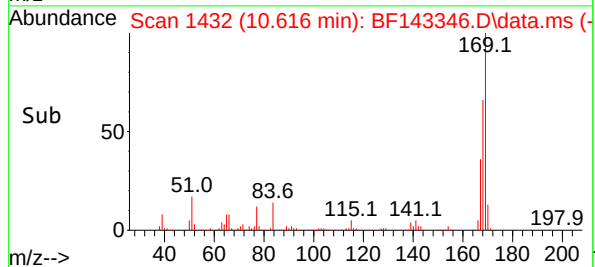
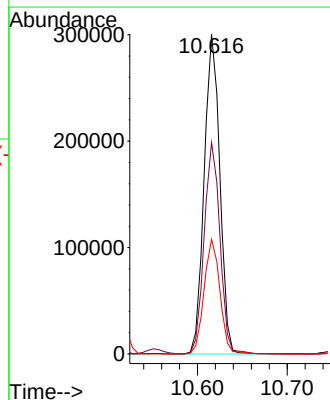
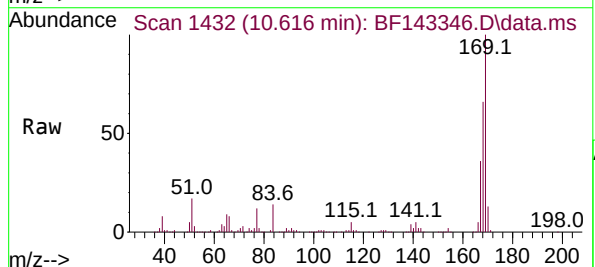
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

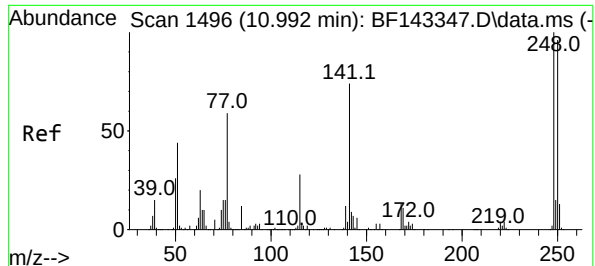
Tgt Ion:198 Resp: 29324
Ion Ratio Lower Upper
198 100
51 67.6 41.7 81.7
105 48.9 26.8 66.8



#66
n-Nitrosodiphenylamine
Concen: 20.469 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion:169 Resp: 363227
Ion Ratio Lower Upper
169 100
168 66.1 52.7 79.1
167 35.8 28.6 42.8

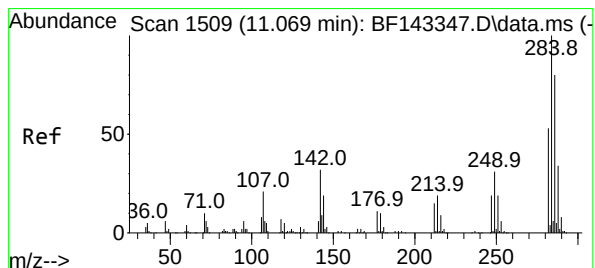
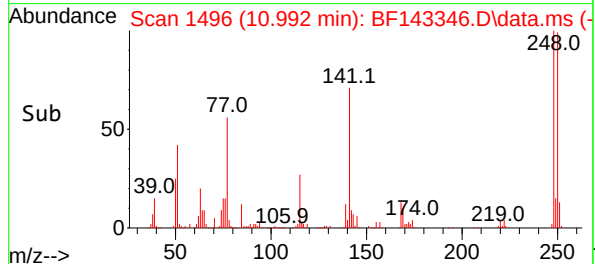
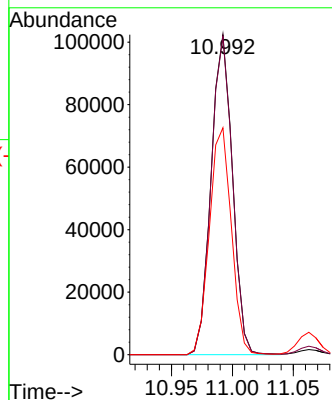
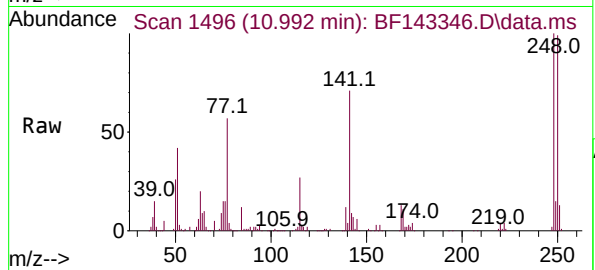




#67
4-Bromophenyl-phenylether
Concen: 20.293 ng
RT: 10.992 min Scan# 1496
Delta R.T. -0.000 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

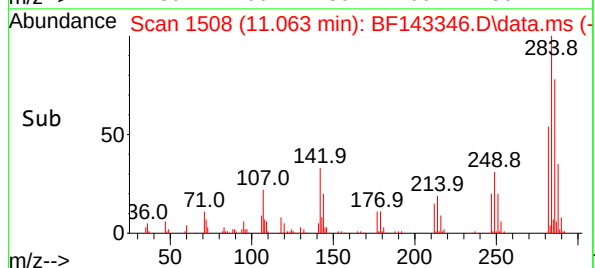
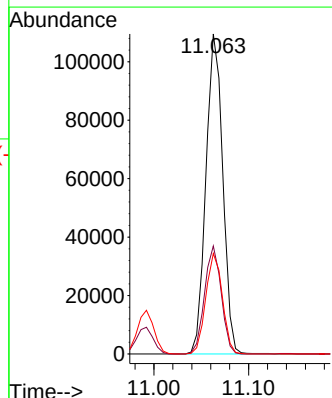
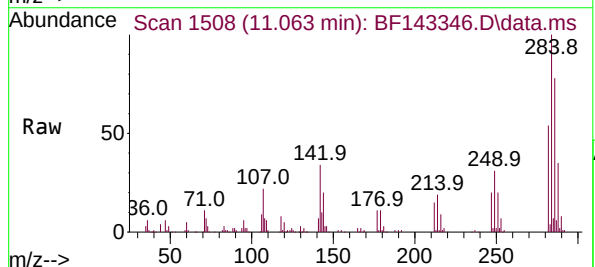
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

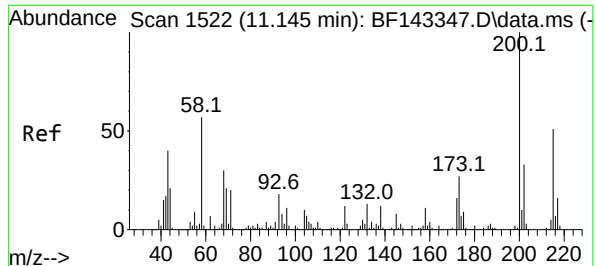
Tgt Ion:248 Resp: 125072
Ion Ratio Lower Upper
248 100
250 99.5 77.1 115.7
141 70.9 59.1 88.7



#68
Hexachlorobenzene
Concen: 20.290 ng
RT: 11.063 min Scan# 1508
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion:284 Resp: 134796
Ion Ratio Lower Upper
284 100
142 33.8 25.7 38.5
249 31.4 24.6 37.0





#69

Atrazine

Concen: 21.725 ng

RT: 11.139 min Scan# 1521

Delta R.T. -0.006 min

Lab File: BF143346.D

Acq: 12 Aug 2025 10:35

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

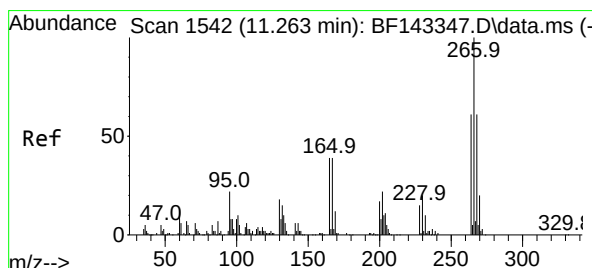
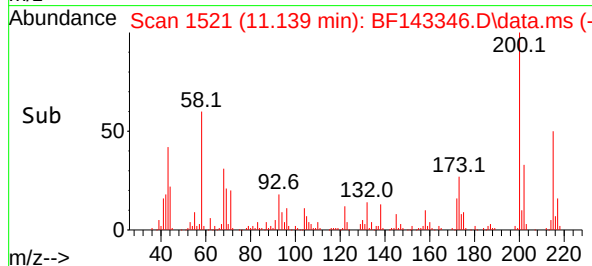
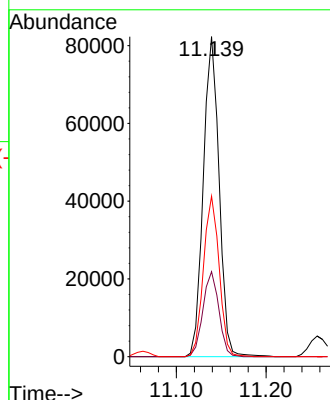
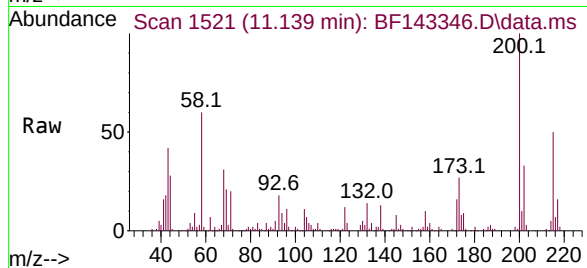
Tgt Ion:200 Resp: 100549

Ion Ratio Lower Upper

200 100

173 26.5 6.6 46.6

215 50.1 30.6 70.6



#70

Pentachlorophenol

Concen: 19.347 ng

RT: 11.257 min Scan# 1541

Delta R.T. -0.006 min

Lab File: BF143346.D

Acq: 12 Aug 2025 10:35

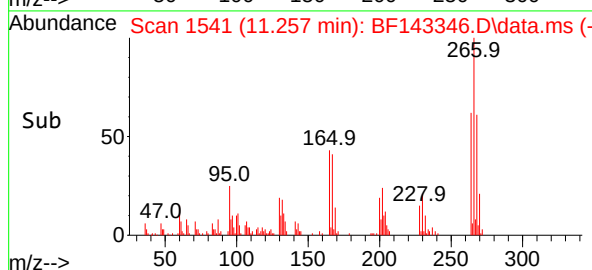
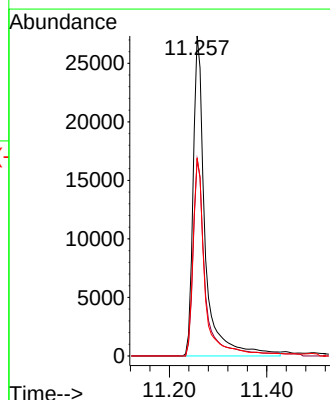
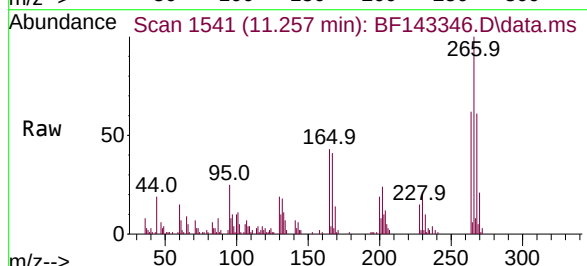
Tgt Ion:266 Resp: 47147

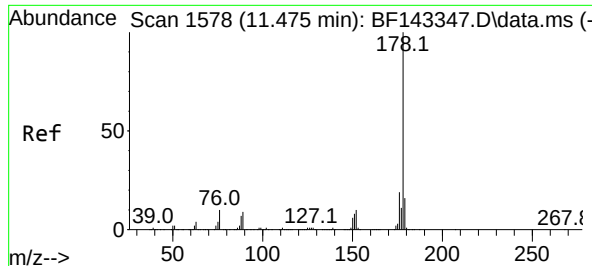
Ion Ratio Lower Upper

266 100

268 61.5 48.8 73.2

264 61.9 48.8 73.2

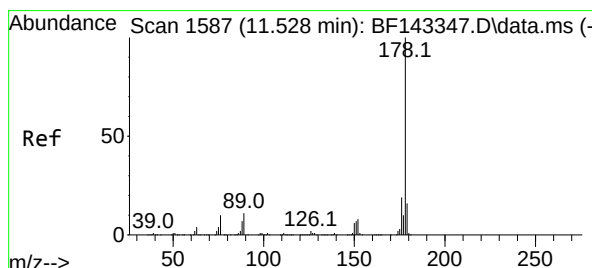
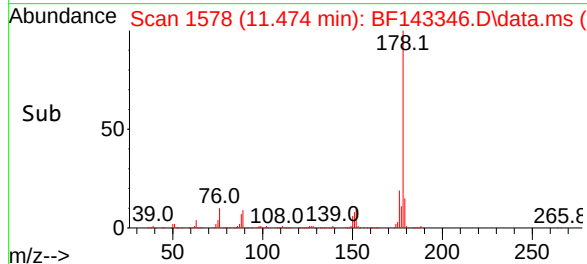
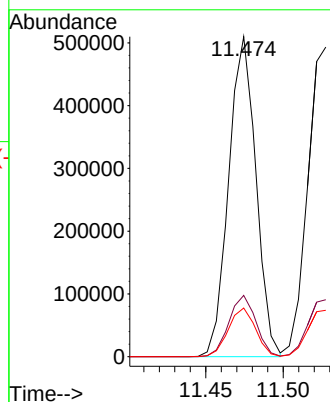
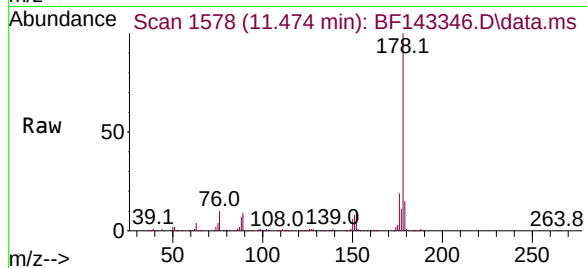




#71
Phenanthrene
Concen: 21.181 ng
RT: 11.474 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

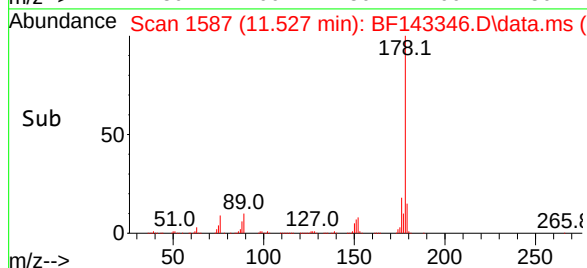
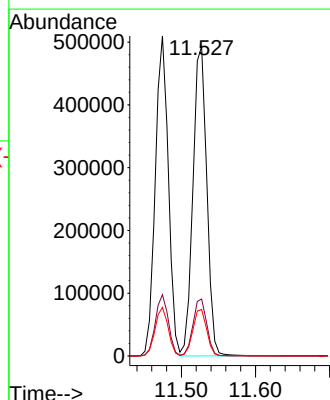
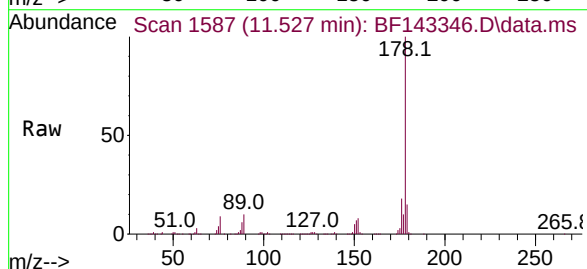
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

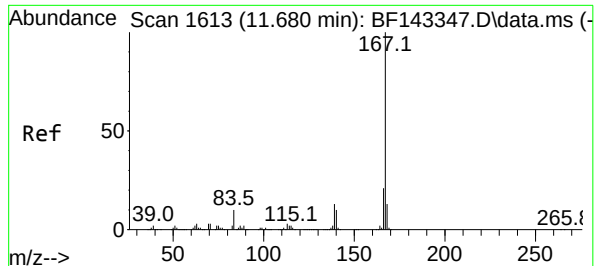
Tgt Ion:178 Resp: 622794
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.2 12.5 18.7



#72
Anthracene
Concen: 21.401 ng
RT: 11.527 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion:178 Resp: 638169
Ion Ratio Lower Upper
178 100
176 18.4 15.1 22.7
179 15.0 12.7 19.1

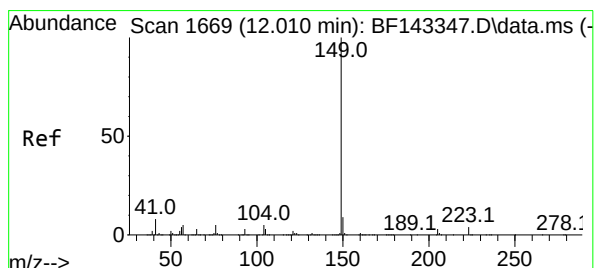
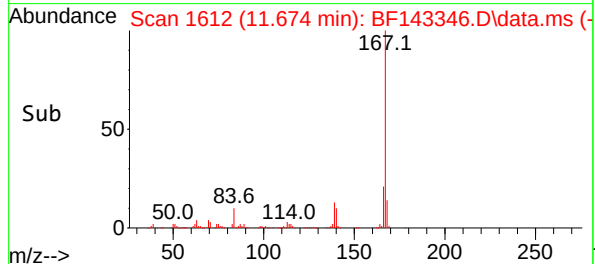
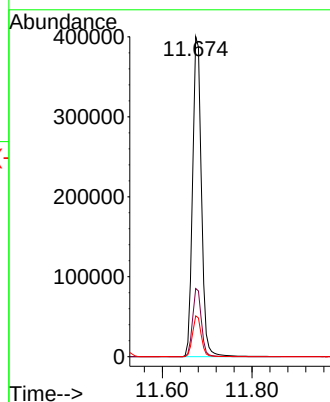
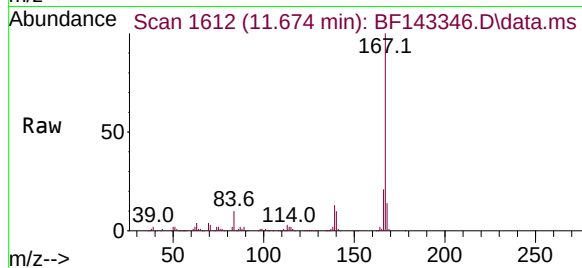




#73
Carbazole
Concen: 21.580 ng
RT: 11.674 min Scan# 1612
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

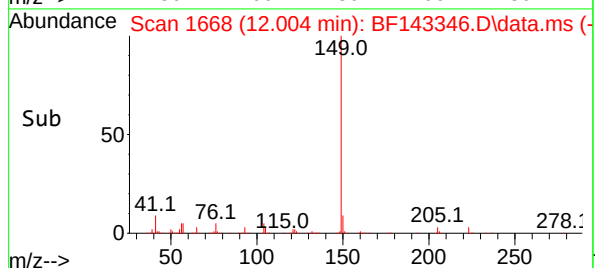
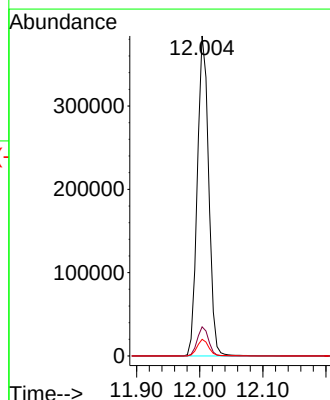
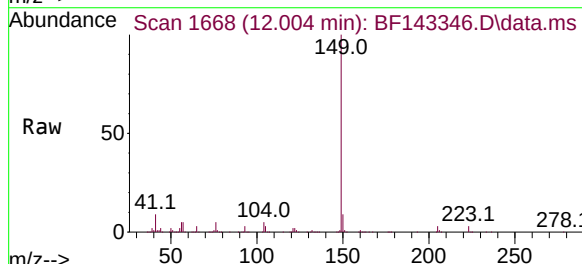
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

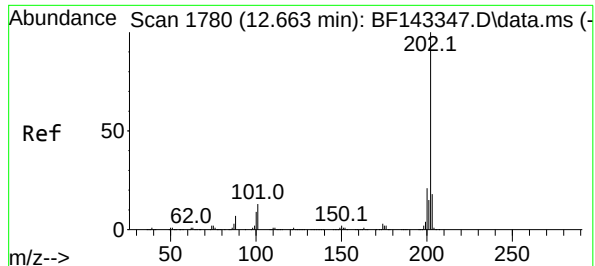
Tgt Ion:167 Resp: 548030
Ion Ratio Lower Upper
167 100
166 21.3 16.8 25.2
139 12.8 10.2 15.2



#74
Di-n-butylphthalate
Concen: 22.300 ng
RT: 12.004 min Scan# 1668
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion:149 Resp: 479230
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 5.2 3.8 5.8

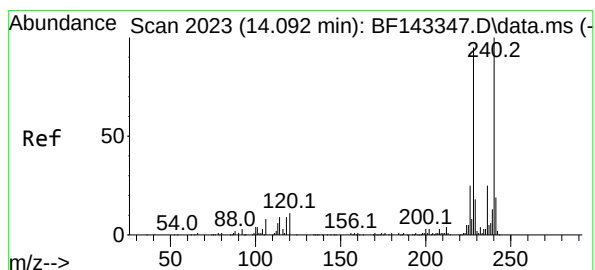
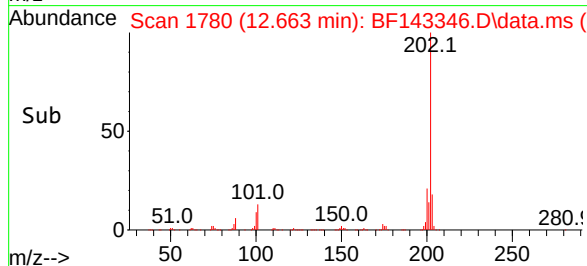
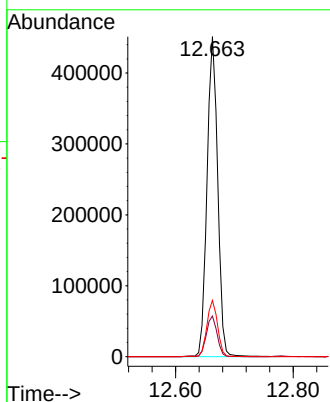
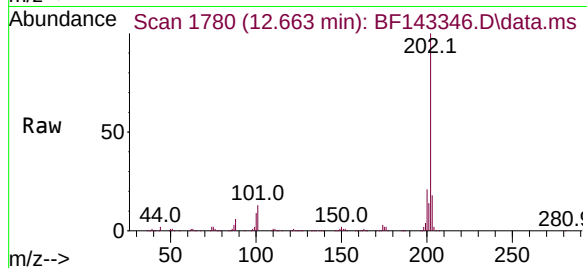




#75
Fluoranthene
Concen: 21.986 ng
RT: 12.663 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

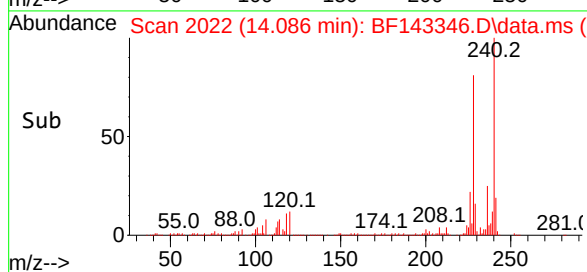
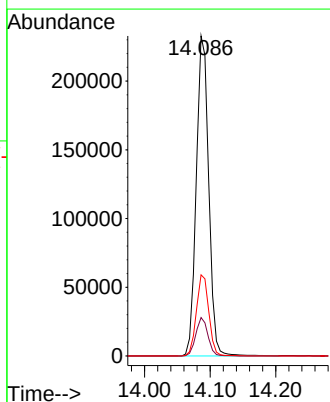
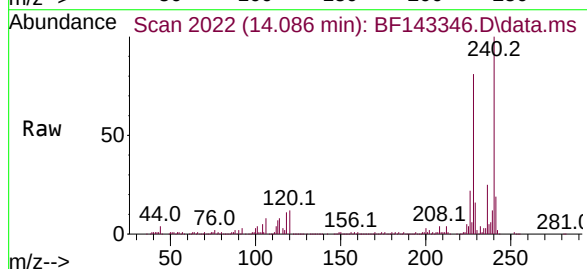
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

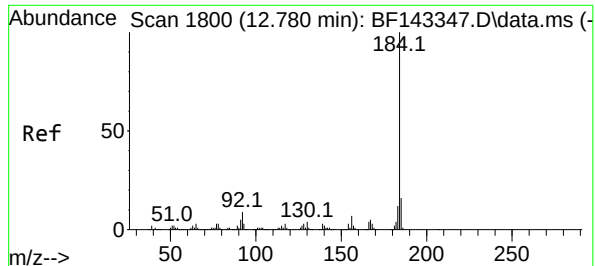
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	33.2
203	17.6	0.0	37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.0	13.6
236	25.3	19.9	29.9





#77

Benzidine

Concen: 23.901 ng

RT: 12.780 min Scan# 1800

Delta R.T. -0.000 min

Lab File: BF143346.D

Acq: 12 Aug 2025 10:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

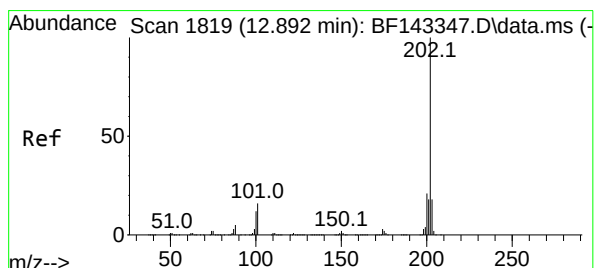
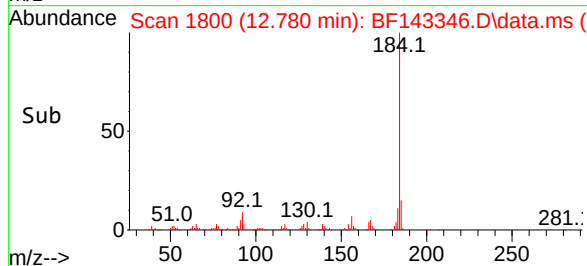
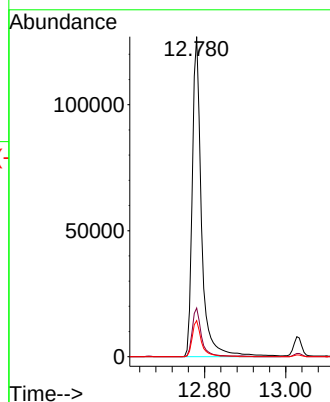
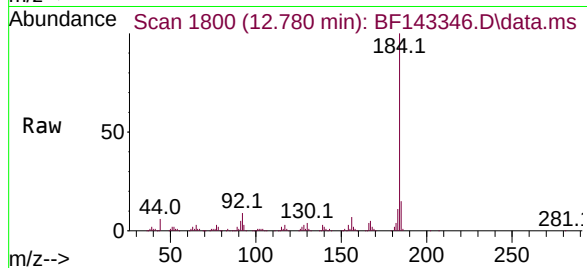
Tgt Ion:184 Resp: 201097

Ion Ratio Lower Upper

184 100

185 15.2 12.8 19.2

183 11.2 9.3 13.9



#78

Pyrene

Concen: 22.771 ng

RT: 12.892 min Scan# 1819

Delta R.T. -0.000 min

Lab File: BF143346.D

Acq: 12 Aug 2025 10:35

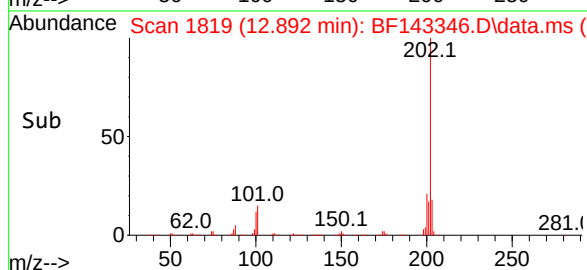
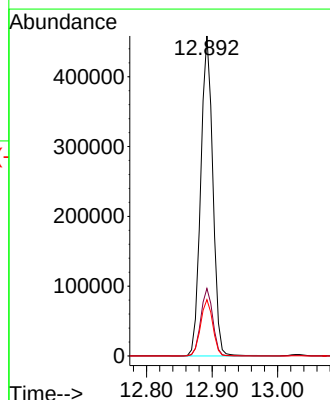
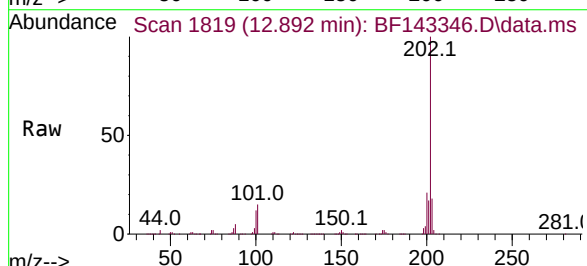
Tgt Ion:202 Resp: 587878

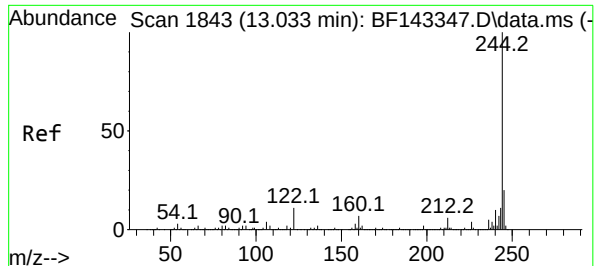
Ion Ratio Lower Upper

202 100

200 21.1 16.8 25.2

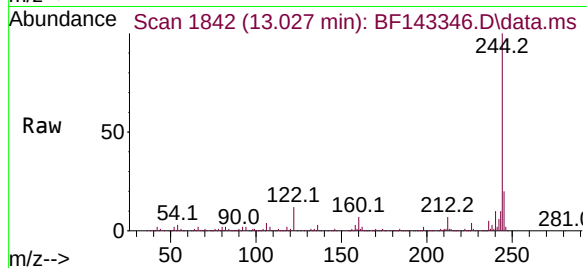
203 17.6 14.2 21.4



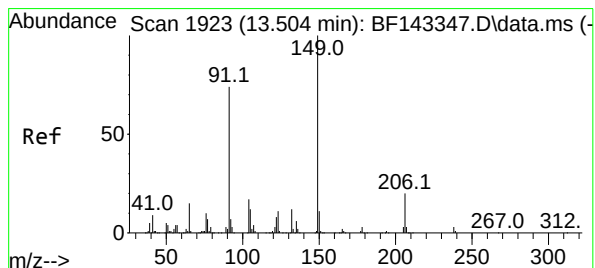
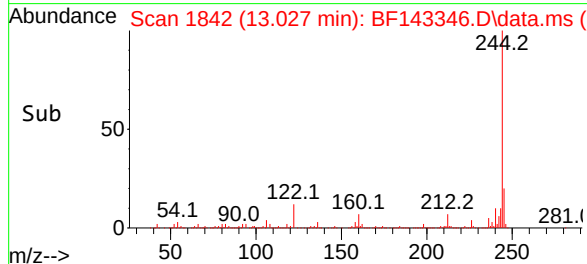
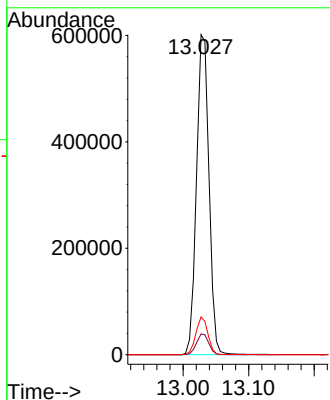


#79
Terphenyl-d14
Concen: 46.313 ng
RT: 13.027 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

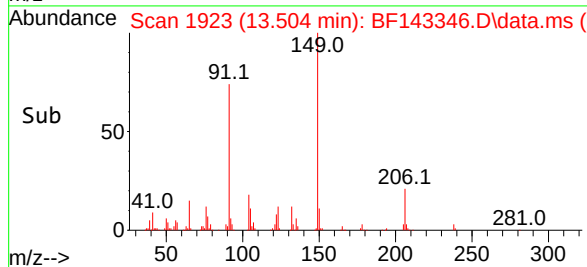
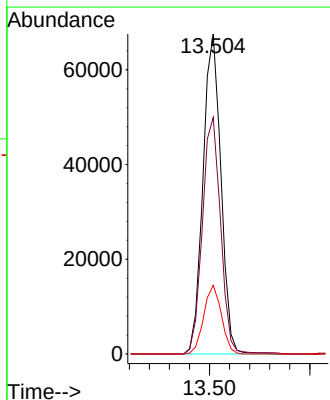
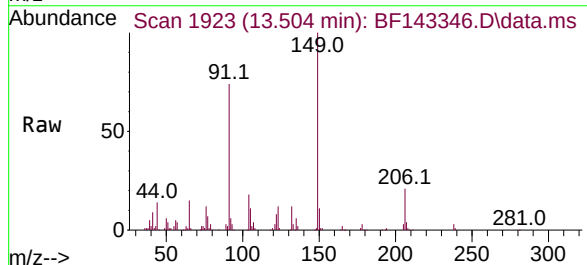


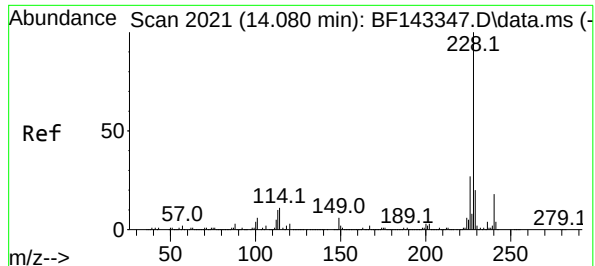
Tgt Ion:244 Resp: 798330
Ion Ratio Lower Upper
244 100
212 6.5 5.1 7.7
122 11.8 8.9 13.3



#80
Butylbenzylphthalate
Concen: 18.636 ng
RT: 13.504 min Scan# 1923
Delta R.T. -0.000 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion:149 Resp: 83834
Ion Ratio Lower Upper
149 100
91 73.9 58.8 88.2
206 21.5 16.4 24.6





#81

Benzo(a)anthracene

Concen: 21.066 ng

RT: 14.080 min Scan# 2021

Delta R.T. -0.000 min

Lab File: BF143346.D

Acq: 12 Aug 2025 10:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

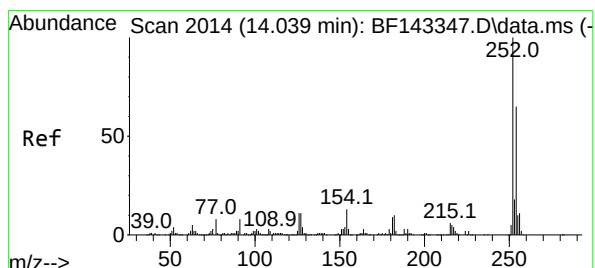
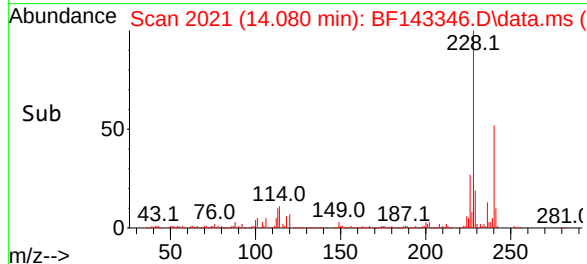
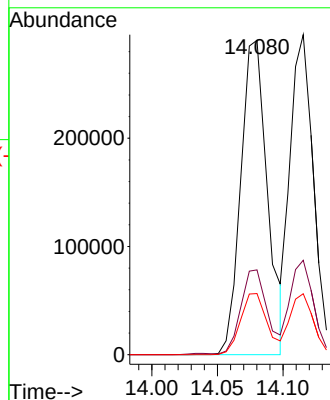
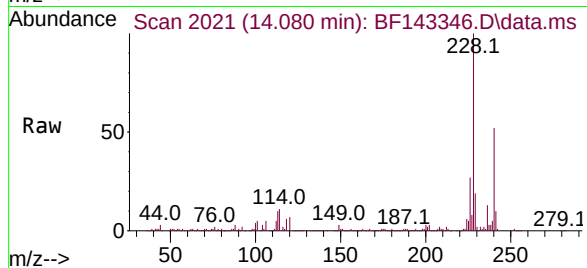
Tgt Ion:228 Resp: 412056

Ion Ratio Lower Upper

228 100

226 27.0 22.0 33.0

229 19.4 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 19.033 ng

RT: 14.039 min Scan# 2014

Delta R.T. -0.000 min

Lab File: BF143346.D

Acq: 12 Aug 2025 10:35

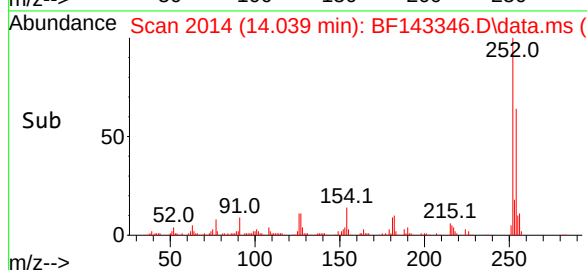
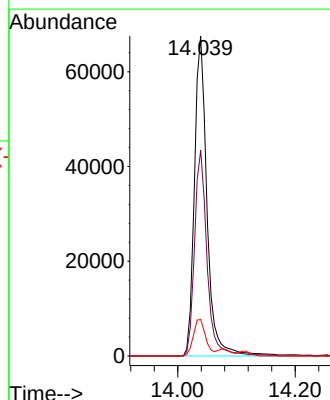
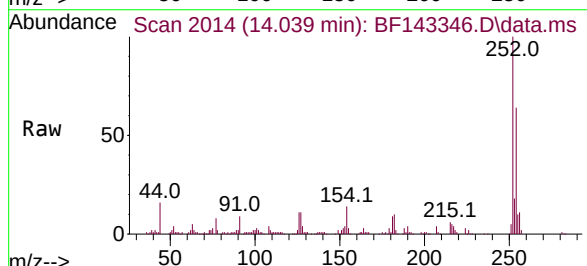
Tgt Ion:252 Resp: 100529

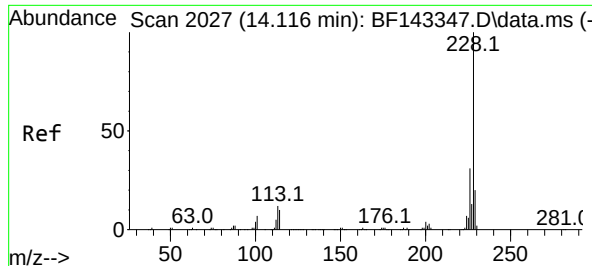
Ion Ratio Lower Upper

252 100

254 64.2 51.7 77.5

126 11.4 9.2 13.8

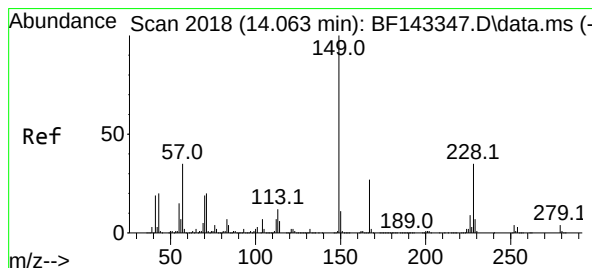
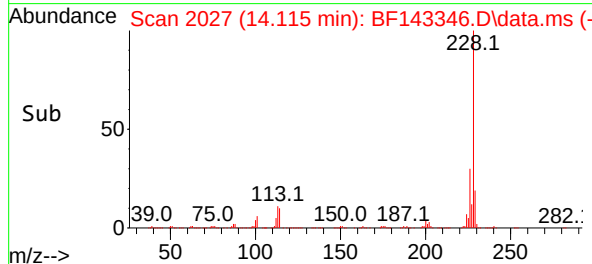
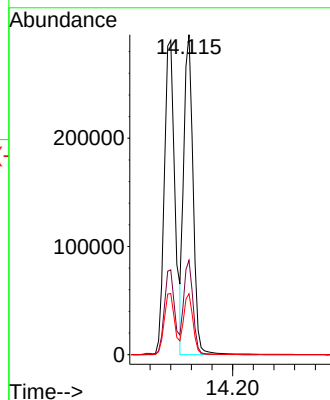
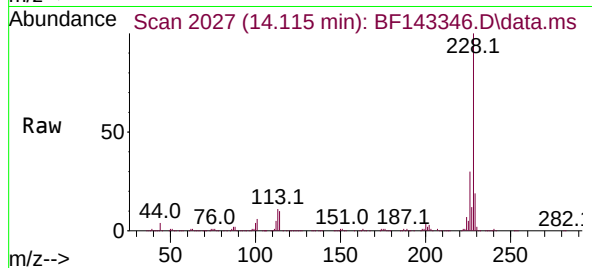




#83
Chrysene
Concen: 20.235 ng
RT: 14.115 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

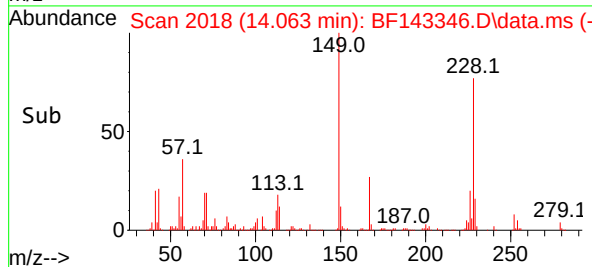
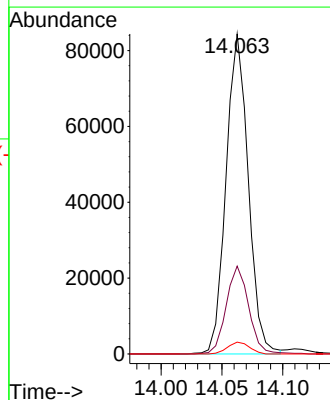
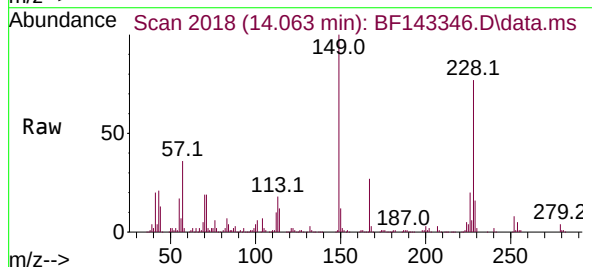
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

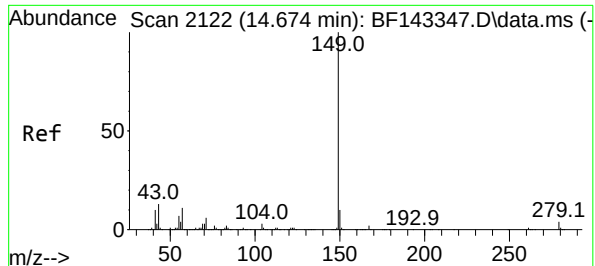
Tgt Ion:228 Resp: 369066
Ion Ratio Lower Upper
228 100
226 29.5 24.2 36.2
229 19.0 15.8 23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 17.077 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion:149 Resp: 107115
Ion Ratio Lower Upper
149 100
167 27.5 21.4 32.0
279 3.7 3.2 4.8

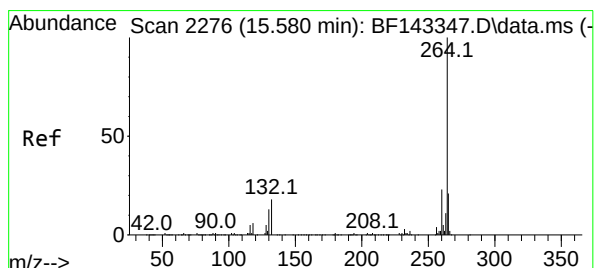
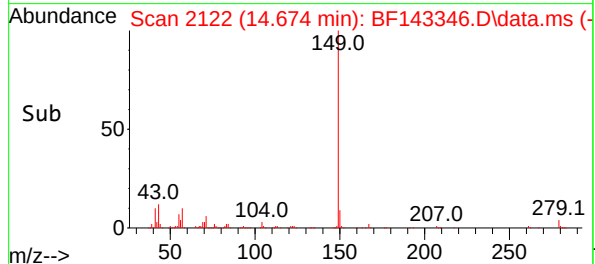
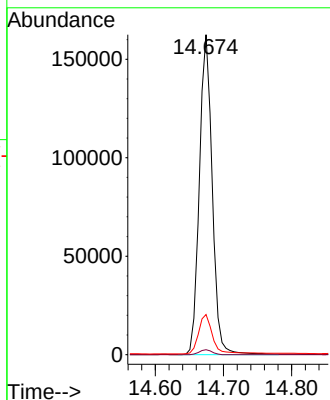
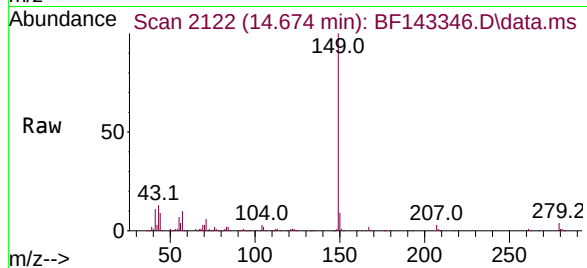




#85
Di-n-octyl phthalate
Concen: 18.493 ng
RT: 14.674 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

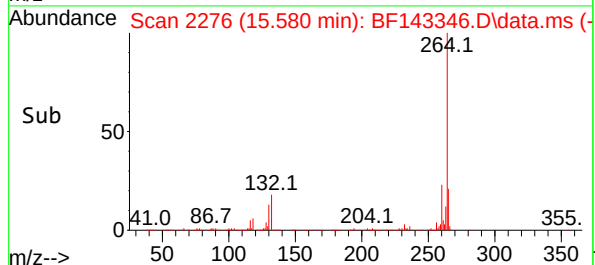
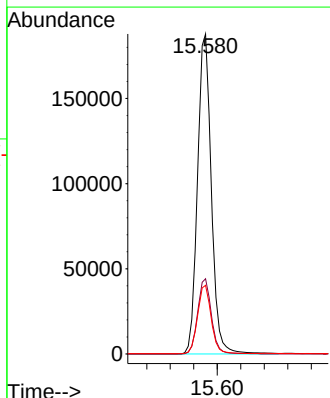
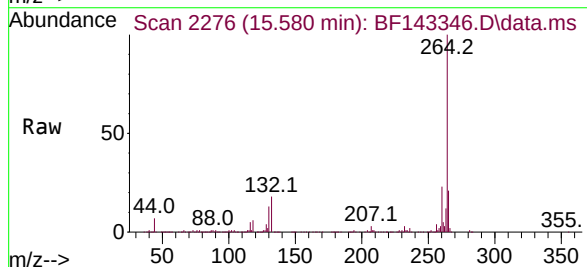
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

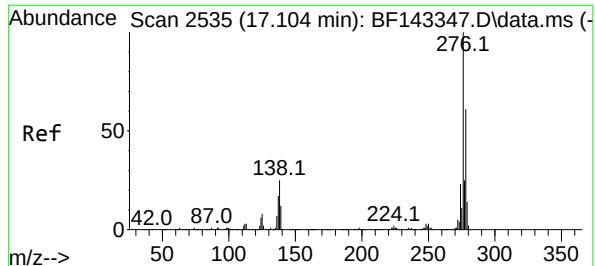
Tgt Ion:149 Resp: 213024
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 13.5 10.8 16.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2276
Delta R.T. -0.000 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion:264 Resp: 306974
Ion Ratio Lower Upper
264 100
260 23.5 18.7 28.1
265 21.5 17.2 25.8

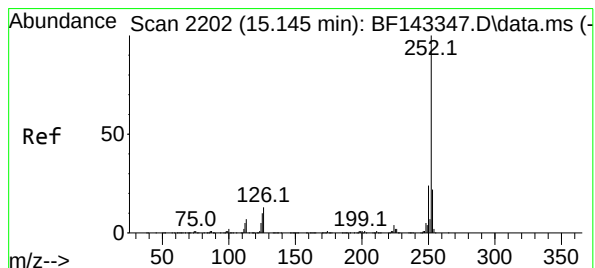
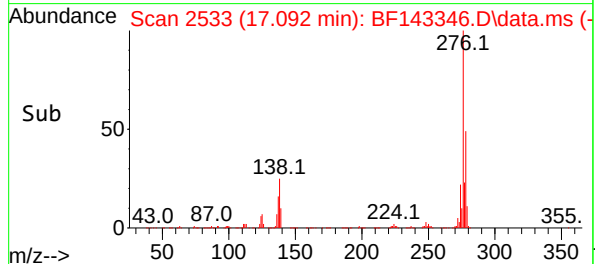
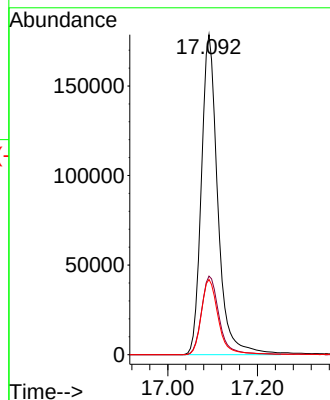
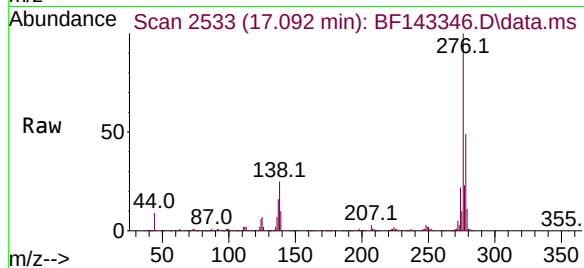




#87
Indeno(1,2,3-cd)pyrene
Concen: 20.651 ng
RT: 17.092 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

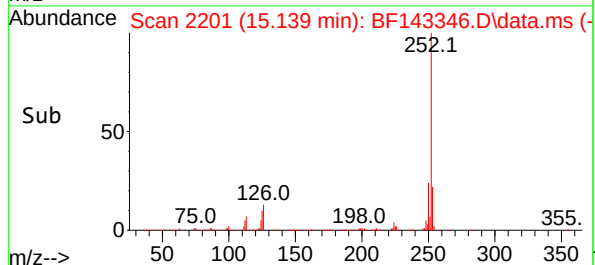
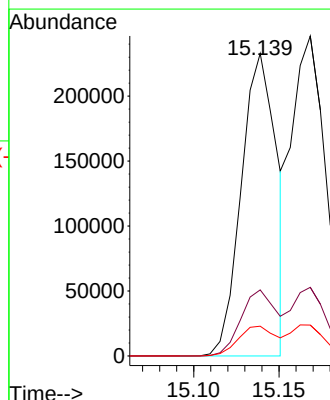
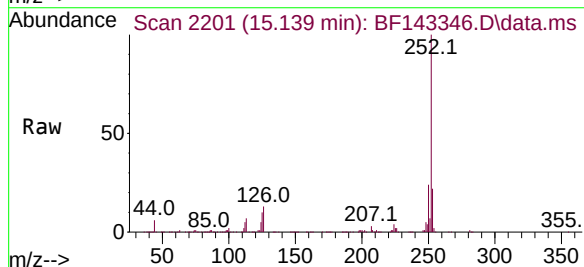
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

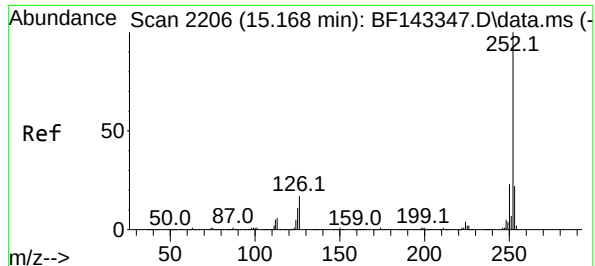
Tgt Ion:276 Resp: 454164
Ion Ratio Lower Upper
276 100
138 26.6 21.1 31.7
277 24.4 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 19.971 ng
RT: 15.139 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BF143346.D
Acq: 12 Aug 2025 10:35

Tgt Ion:252 Resp: 335316
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 9.8 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 21.789 ng

RT: 15.168 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF143346.D

Acq: 12 Aug 2025 10:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

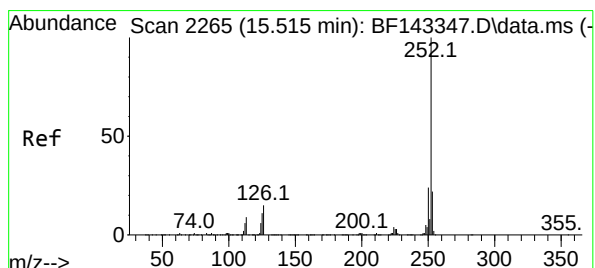
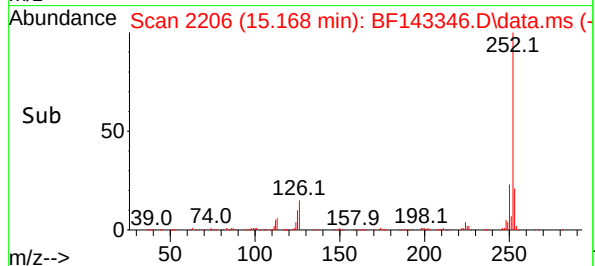
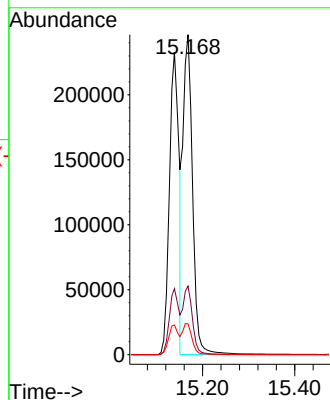
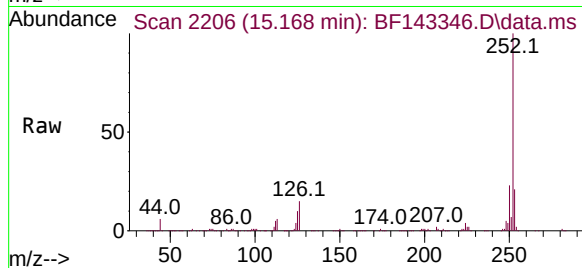
Tgt Ion:252 Resp: 355480

Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

125 9.7 8.4 12.6



#90

Benzo(a)pyrene

Concen: 20.580 ng

RT: 15.515 min Scan# 2265

Delta R.T. -0.000 min

Lab File: BF143346.D

Acq: 12 Aug 2025 10:35

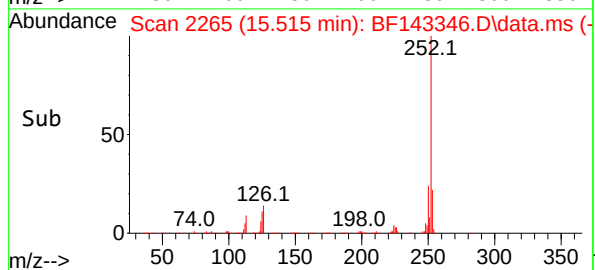
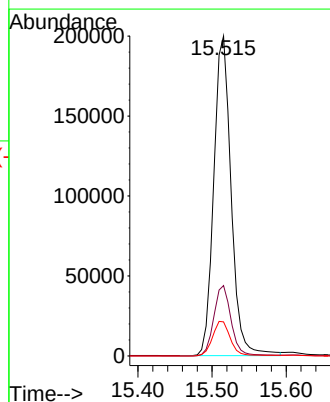
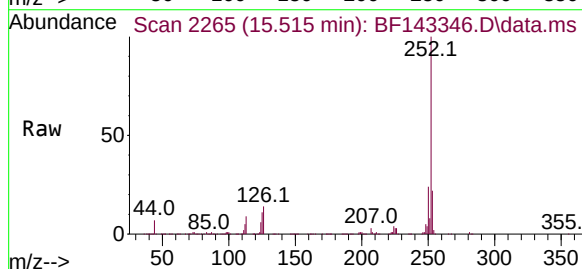
Tgt Ion:252 Resp: 325450

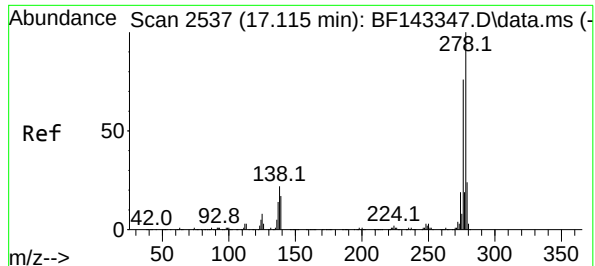
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 10.6 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 20.688 ng

RT: 17.104 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF143346.D

Acq: 12 Aug 2025 10:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

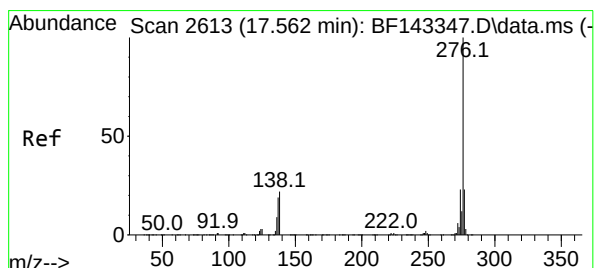
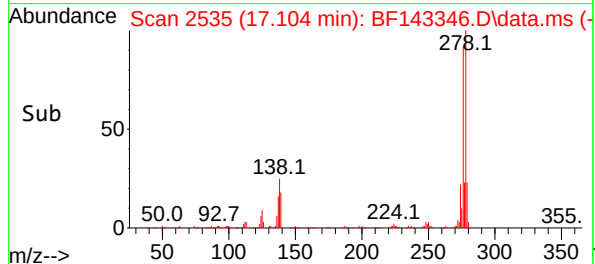
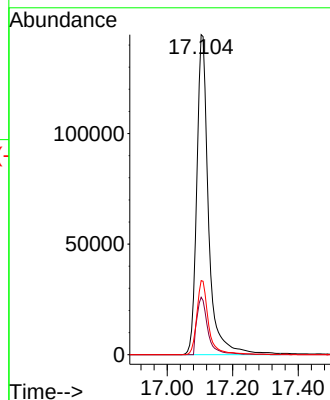
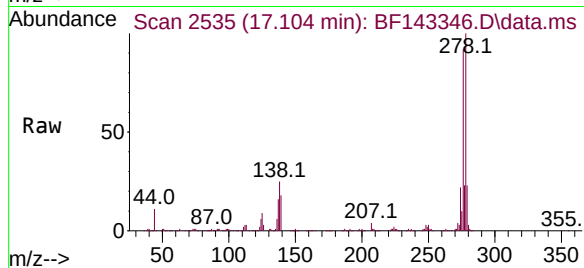
Tgt Ion:278 Resp: 363491

Ion Ratio Lower Upper

278 100

139 17.9 14.0 21.0

279 23.1 19.4 29.0



#92

Benzo(g,h,i)perylene

Concen: 20.596 ng

RT: 17.551 min Scan# 2611

Delta R.T. -0.012 min

Lab File: BF143346.D

Acq: 12 Aug 2025 10:35

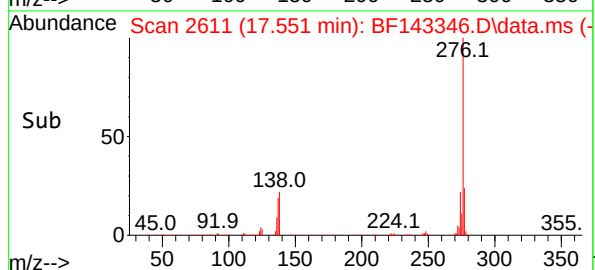
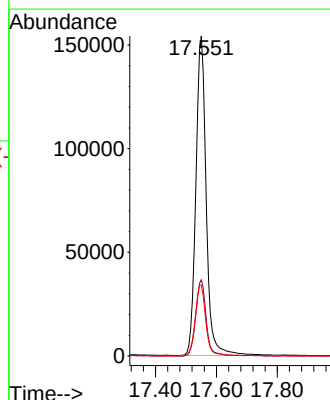
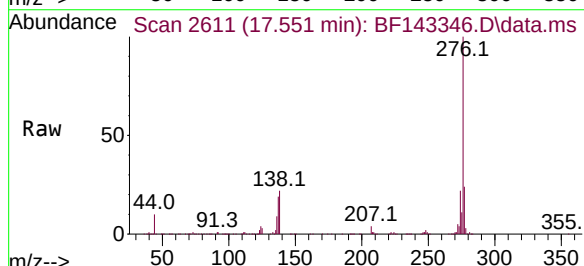
Tgt Ion:276 Resp: 364540

Ion Ratio Lower Upper

276 100

277 23.8 18.7 28.1

138 22.1 17.8 26.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
 Data File : BF143347.D
 Acq On : 12 Aug 2025 11:06
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: Aug 12 13:19:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 12 13:02:27 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	167361	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	655032	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	345532	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	517467	20.000	ng	0.00
76) Chrysene-d12	14.092	240	290137	20.000	ng	0.00
86) Perylene-d12	15.580	264	328158	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	789566	81.582	ng	0.00
7) Phenol-d6	6.563	99	1004217	80.913	ng	0.00
23) Nitrobenzene-d5	7.492	82	879802	83.642	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	220484	87.313	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	1565121	76.811	ng	0.00
79) Terphenyl-d14	13.033	244	1263446	77.745	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.763	88	199574	39.850	ng	100
3) Pyridine	3.534	79	540627	40.510	ng	100
4) n-Nitrosodimethylamine	3.475	42	253901	40.843	ng	100
6) Aniline	6.593	93	709158	40.530	ng	100
8) 2-Chlorophenol	6.716	128	421515	40.760	ng	100
9) Benzaldehyde	6.481	77	338386	41.251	ng	100
10) Phenol	6.575	94	596665	40.582	ng	100
11) bis(2-Chloroethyl)ether	6.663	93	437082	40.336	ng	100
12) 1,3-Dichlorobenzene	6.875	146	479321	40.184	ng	100
13) 1,4-Dichlorobenzene	6.951	146	473345	39.538	ng	100
14) 1,2-Dichlorobenzene	7.104	146	451017	39.687	ng	100
15) Benzyl Alcohol	7.069	79	364330	40.952	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.198	45	775460	40.085	ng	100
17) 2-Methylphenol	7.181	107	355981	40.780	ng	100
18) Hexachloroethane	7.445	117	154773	41.236	ng	100
19) n-Nitroso-di-n-propyla...	7.340	70	304543	39.712	ng	100
20) 3+4-Methylphenols	7.334	107	431056	40.831	ng	100
22) Acetophenone	7.334	105	562380	38.966	ng	100
24) Nitrobenzene	7.510	77	469916	41.135	ng	100
25) Isophorone	7.751	82	845188	39.360	ng	100
26) 2-Nitrophenol	7.828	139	165661	37.083	ng	100
27) 2,4-Dimethylphenol	7.863	122	365692	40.820	ng	100
28) bis(2-Chloroethoxy)met...	7.957	93	518389	39.540	ng	100
29) 2,4-Dichlorophenol	8.069	162	360583	41.210	ng	100
30) 1,2,4-Trichlorobenzene	8.151	180	363439	39.377	ng	100
31) Naphthalene	8.234	128	1237121	39.250	ng	100
32) Benzoic acid	7.969	122	141523	39.021	ng	100
33) 4-Chloroaniline	8.281	127	452276	39.784	ng	100
34) Hexachlorobutadiene	8.357	225	229101	39.902	ng	100
35) Caprolactam	8.645	113	103025	41.884	ng	100
36) 4-Chloro-3-methylphenol	8.757	107	375017	40.883	ng	100
37) 2-Methylnaphthalene	8.928	142	814304	39.298	ng	100
38) 1-Methylnaphthalene	9.022	142	779823	39.075	ng	100
40) 1,2,4,5-Tetrachloroben...	9.092	216	374807	39.640	ng	100
41) Hexachlorocyclopentadiene	9.081	237	115551	38.401	ng	100
43) 2,4,6-Trichlorophenol	9.204	196	230730	43.008	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
 Data File : BF143347.D
 Acq On : 12 Aug 2025 11:06
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 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

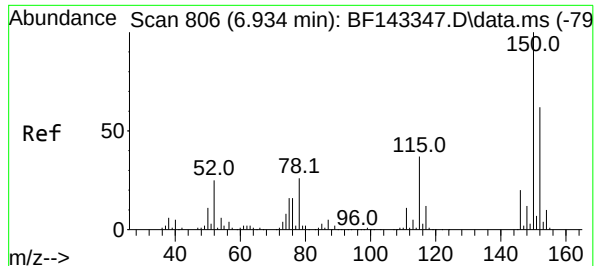
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 12 13:02:27 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	260681	43.029	ng	100
46) 1,1'-Biphenyl	9.386	154	959774	39.285	ng	100
47) 2-Chloronaphthalene	9.416	162	756597	39.322	ng	100
48) 2-Nitroaniline	9.504	65	213717	39.058	ng	100
49) Acenaphthylene	9.828	152	1097291	39.490	ng	100
50) Dimethylphthalate	9.681	163	815627	40.398	ng	100
51) 2,6-Dinitrotoluene	9.745	165	147260	39.128	ng	100
52) Acenaphthene	9.998	154	728691	39.446	ng	100
53) 3-Nitroaniline	9.916	138	180447	43.642	ng	100
54) 2,4-Dinitrophenol	10.022	184	45578	39.434	ng	100
55) Dibenzofuran	10.175	168	1043986	39.267	ng	100
56) 4-Nitrophenol	10.075	139	119387	39.132	ng	100
57) 2,4-Dinitrotoluene	10.145	165	199781	39.946	ng	100
58) Fluorene	10.516	166	789149	38.860	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.292	232	176166	43.137	ng	100
60) Diethylphthalate	10.381	149	746813	41.295	ng	100
61) 4-Chlorophenyl-phenyle...	10.504	204	389122	39.656	ng	100
62) 4-Nitroaniline	10.528	138	171799	42.946	ng	100
63) Azobenzene	10.663	77	824319	39.906	ng	100
65) 4,6-Dinitro-2-methylph...	10.557	198	73478	37.049	ng	100
66) n-Nitrosodiphenylamine	10.622	169	678152	39.800	ng	100
67) 4-Bromophenyl-phenylether	10.992	248	239456	40.461	ng	100
68) Hexachlorobenzene	11.069	284	252547	39.589	ng	100
69) Atrazine	11.145	200	184584	41.534	ng	100
70) Pentachlorophenol	11.263	266	111946	39.119	ng	100
71) Phenanthrene	11.475	178	1118795	39.627	ng	100
72) Anthracene	11.528	178	1126030	39.327	ng	100
73) Carbazole	11.680	167	966534	39.637	ng	100
74) Di-n-butylphthalate	12.010	149	894432	43.346	ng	100
75) Fluoranthene	12.663	202	949305	38.386	ng	100
77) Benzidine	12.780	184	343155	43.261	ng	100
78) Pyrene	12.892	202	963681	39.593	ng	100
80) Butylbenzylphthalate	13.504	149	175897	37.368	ng	100
81) Benzo(a)anthracene	14.080	228	730158	39.595	ng	100
82) 3,3'-Dichlorobenzidine	14.039	252	211236	42.421	ng	100
83) Chrysene	14.116	228	681835	39.653	ng	100
84) Bis(2-ethylhexyl)phtha...	14.063	149	256146	37.186	ng	100
85) Di-n-octyl phthalate	14.674	149	515170	38.008	ng	100
87) Indeno(1,2,3-cd)pyrene	17.104	276	950872	40.445	ng	100
88) Benzo(b)fluoranthene	15.145	252	733725	40.879	ng	100
89) Benzo(k)fluoranthene	15.168	252	679660	38.970	ng	100
90) Benzo(a)pyrene	15.515	252	678288	40.124	ng	100
91) Dibenzo(a,h)anthracene	17.115	278	767630	40.870	ng	100
92) Benzo(g,h,i)perylene	17.562	276	767224	40.549	ng	100

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

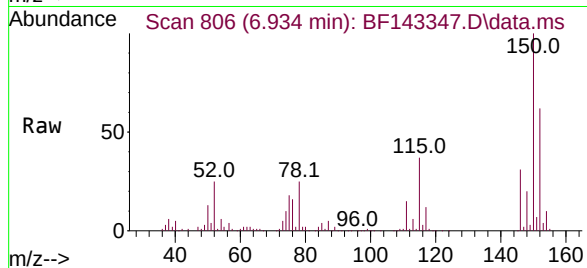
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BNA_F
ClientSampleId :
SSTDICCC040

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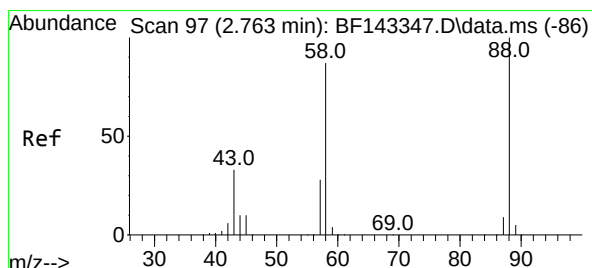
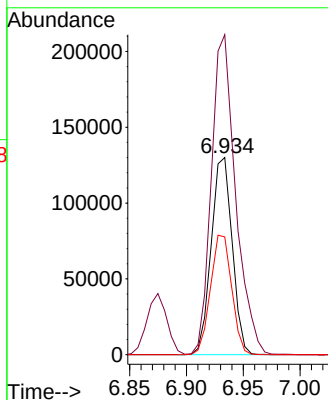
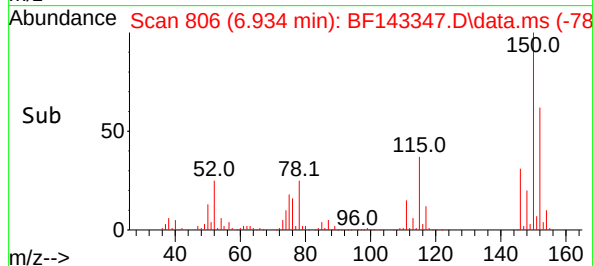


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.934 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

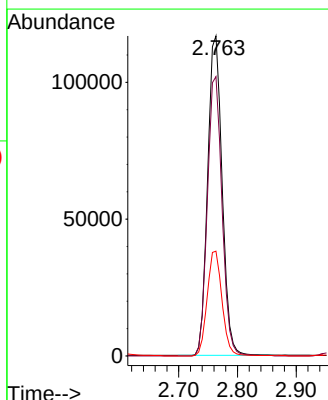
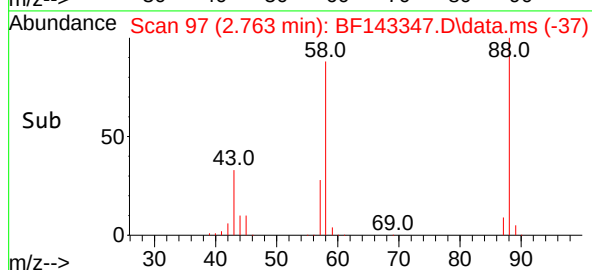
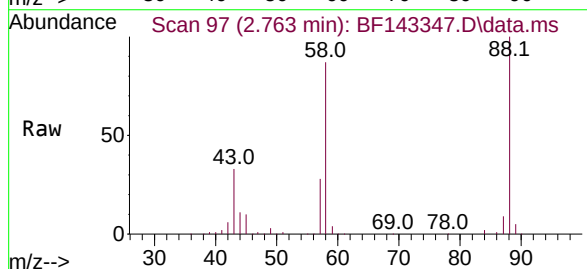


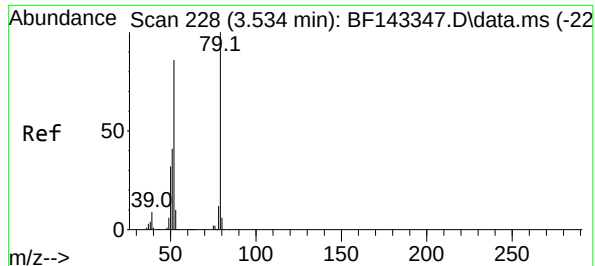
Tgt Ion:152 Resp: 167361
Ion Ratio Lower Upper
152 100
150 162.3 129.8 194.8
115 59.8 47.8 71.8



#2
1,4-Dioxane
Concen: 39.850 ng
RT: 2.763 min Scan# 97
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion: 88 Resp: 199574
Ion Ratio Lower Upper
88 100
58 88.8 71.0 106.6
43 33.8 27.0 40.6





#3

Pyridine

Concen: 40.510 ng

RT: 3.534 min Scan# 218

Delta R.T. 0.000 min

Lab File: BF143347.D

Acq: 12 Aug 2025 11:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

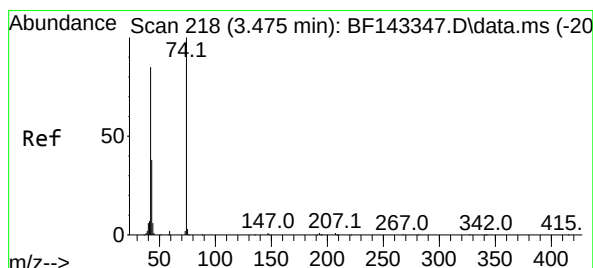
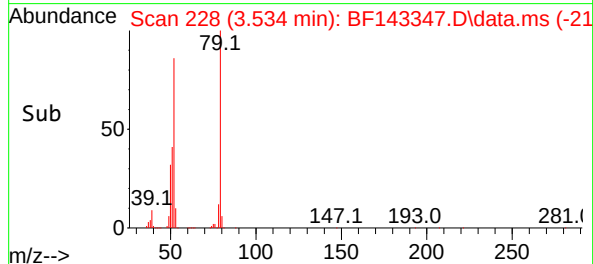
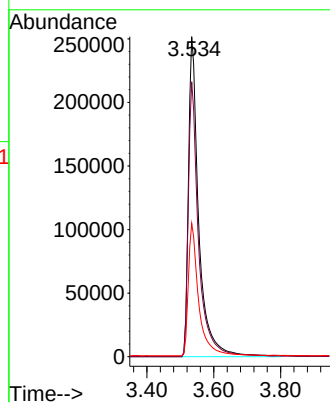
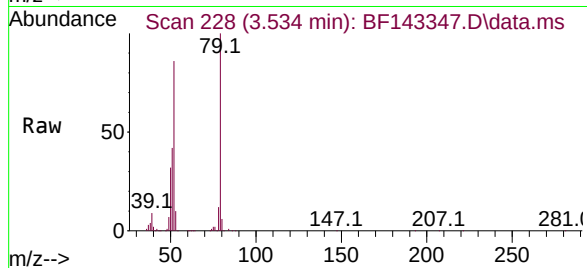
Tgt Ion: 79 Resp: 540627

Ion Ratio Lower Upper

79 100

52 85.9 68.7 103.1

51 41.7 33.4 50.0



#4

n-Nitrosodimethylamine

Concen: 40.843 ng

RT: 3.475 min Scan# 218

Delta R.T. 0.000 min

Lab File: BF143347.D

Acq: 12 Aug 2025 11:06

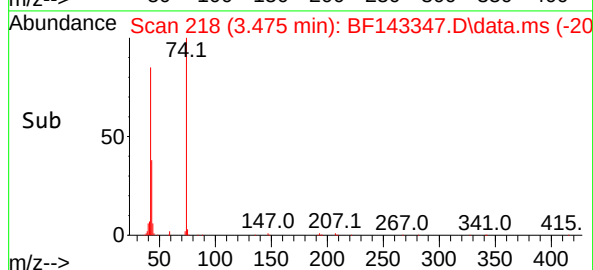
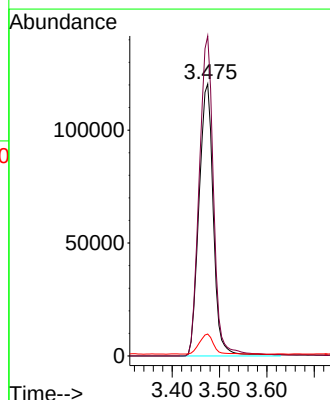
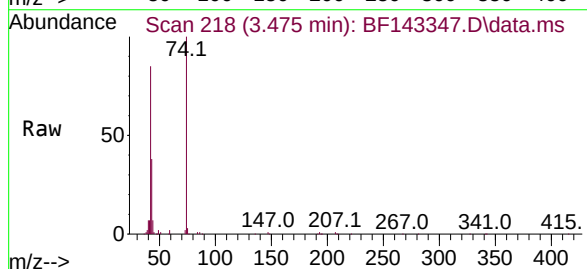
Tgt Ion: 42 Resp: 253901

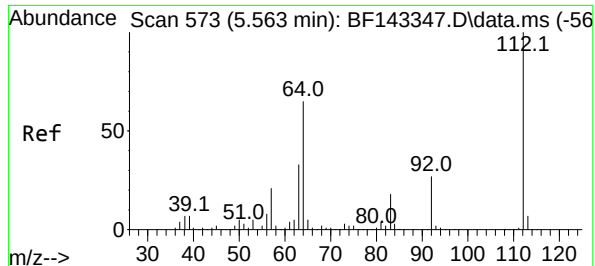
Ion Ratio Lower Upper

42 100

74 117.6 94.1 141.1

44 8.1 6.5 9.7





#5

2-Fluorophenol

Concen: 81.582 ng

RT: 5.563 min Scan# 51

Delta R.T. 0.000 min

Lab File: BF143347.D

Acq: 12 Aug 2025 11:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

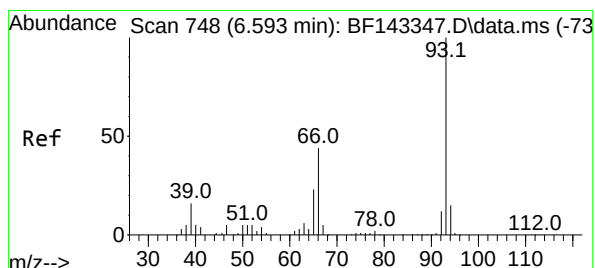
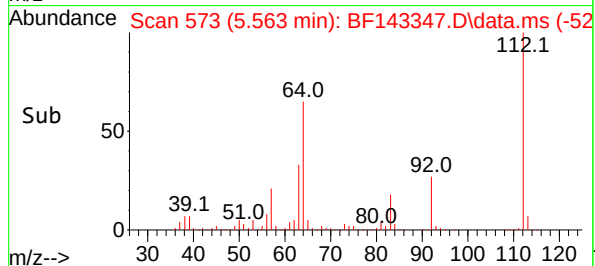
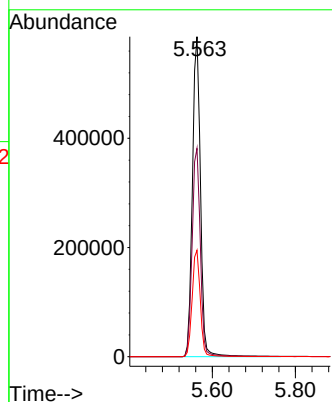
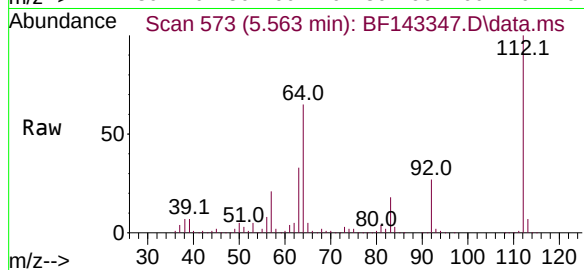
Tgt Ion:112 Resp: 789566

Ion Ratio Lower Upper

112 100

64 65.1 52.1 78.1

63 33.2 26.6 39.8



#6

Aniline

Concen: 40.530 ng

RT: 6.593 min Scan# 748

Delta R.T. 0.000 min

Lab File: BF143347.D

Acq: 12 Aug 2025 11:06

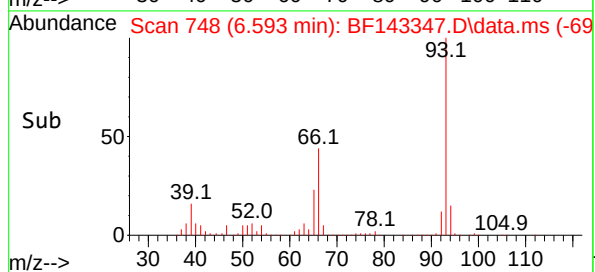
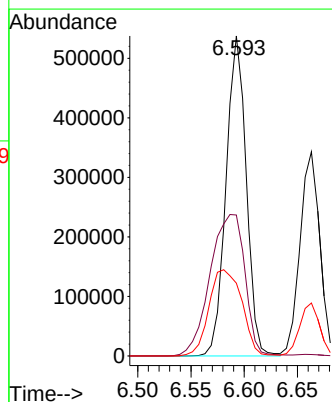
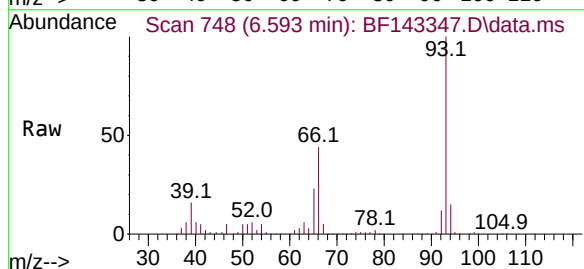
Tgt Ion: 93 Resp: 709158

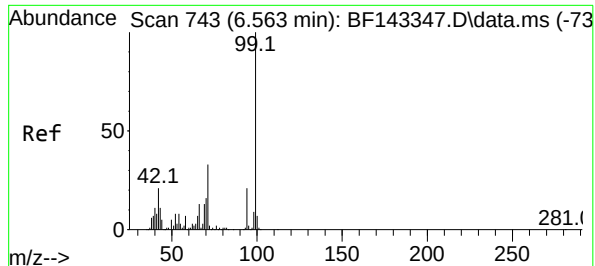
Ion Ratio Lower Upper

93 100

66 44.1 35.3 52.9

65 22.8 18.2 27.4

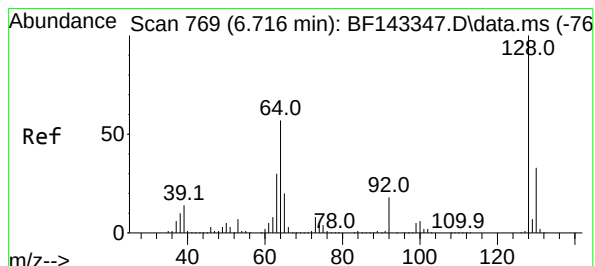
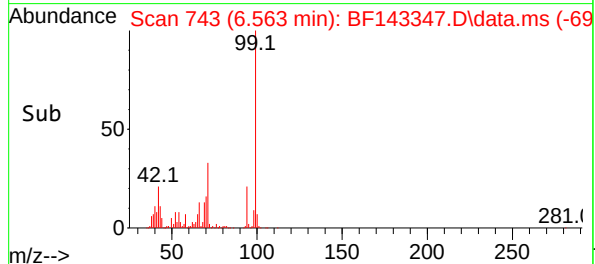
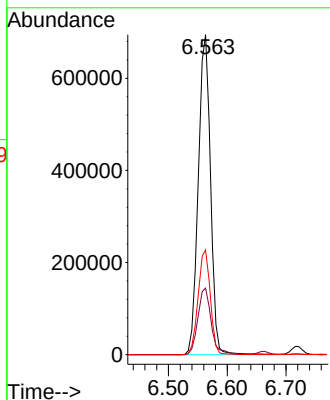
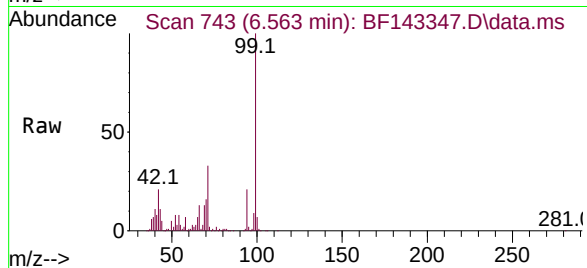




#7
Phenol-d6
Concen: 80.913 ng
RT: 6.563 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

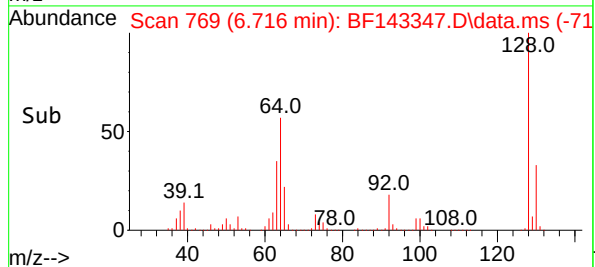
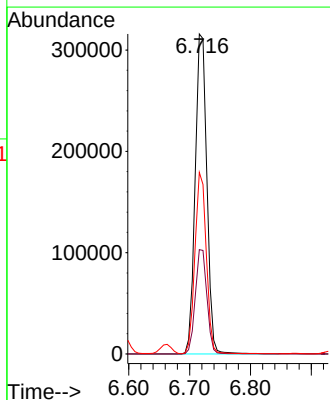
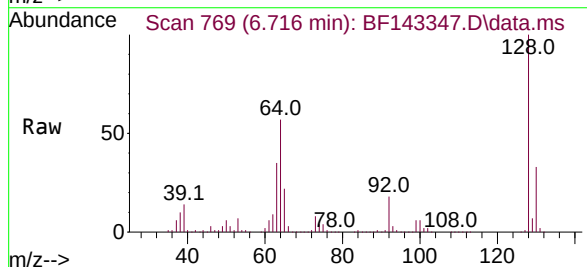
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

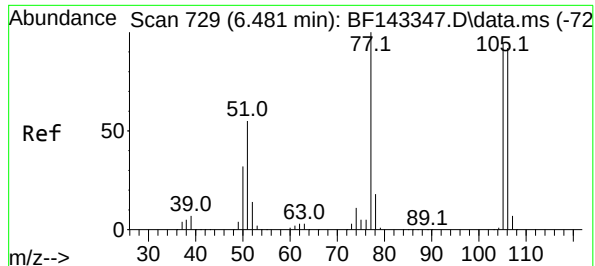
Tgt Ion: 99 Resp: 1004217
Ion Ratio Lower Upper
99 100
42 20.8 16.6 25.0
71 32.7 26.2 39.2



#8
2-Chlorophenol
Concen: 40.760 ng
RT: 6.716 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion: 128 Resp: 421515
Ion Ratio Lower Upper
128 100
130 32.6 12.6 52.6
64 56.7 36.7 76.7





#9

Benzaldehyde

Concen: 41.251 ng

RT: 6.481 min Scan# 729

Delta R.T. -0.000 min

Lab File: BF143347.D

Acq: 12 Aug 2025 11:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

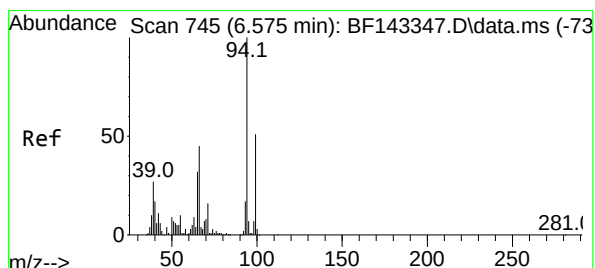
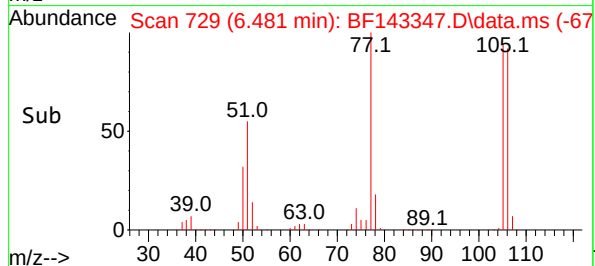
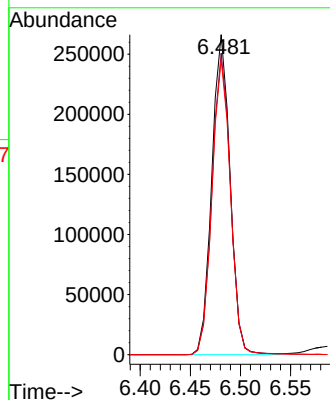
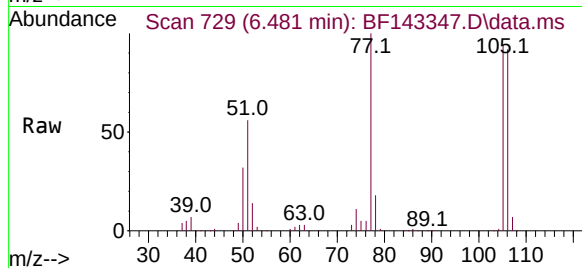
Tgt Ion: 77 Resp: 338386

Ion Ratio Lower Upper

77 100

105 94.2 74.2 114.2

106 92.2 72.2 112.2



#10

Phenol

Concen: 40.582 ng

RT: 6.575 min Scan# 745

Delta R.T. 0.000 min

Lab File: BF143347.D

Acq: 12 Aug 2025 11:06

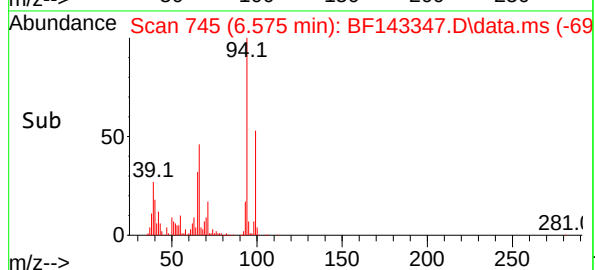
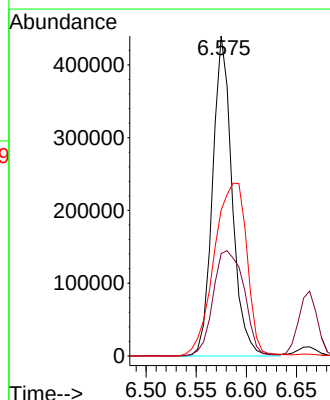
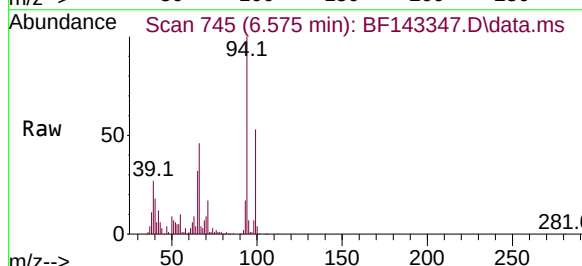
Tgt Ion: 94 Resp: 596665

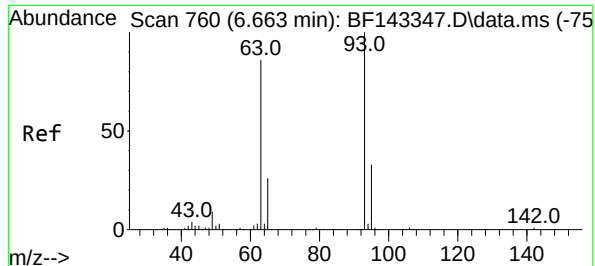
Ion Ratio Lower Upper

94 100

65 32.0 12.0 52.0

66 45.6 25.6 65.6





#11

bis(2-Chloroethyl)ether

Concen: 40.336 ng

RT: 6.663 min Scan# 760

Delta R.T. 0.000 min

Lab File: BF143347.D

Acq: 12 Aug 2025 11:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

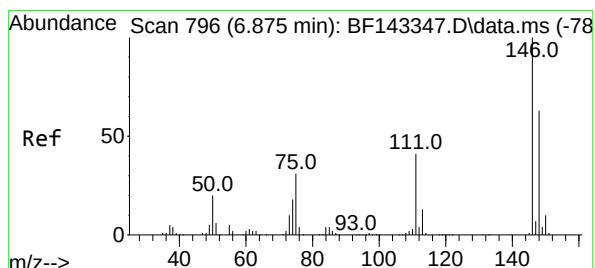
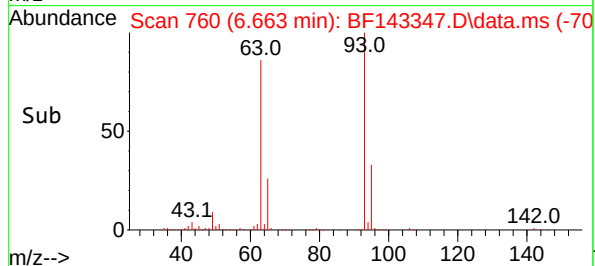
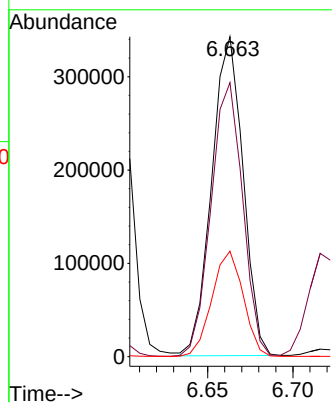
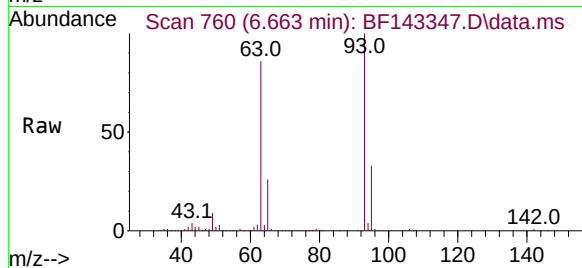
Tgt Ion: 93 Resp: 437082

Ion Ratio Lower Upper

93 100

63 85.7 65.7 105.7

95 33.0 13.0 53.0



#12

1,3-Dichlorobenzene

Concen: 40.184 ng

RT: 6.875 min Scan# 796

Delta R.T. 0.000 min

Lab File: BF143347.D

Acq: 12 Aug 2025 11:06

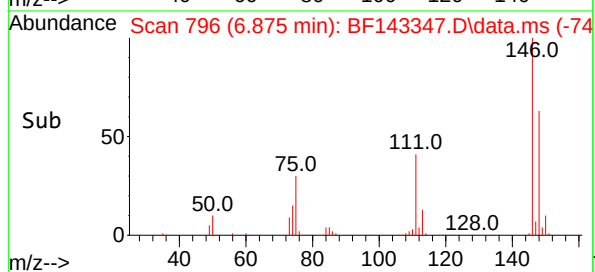
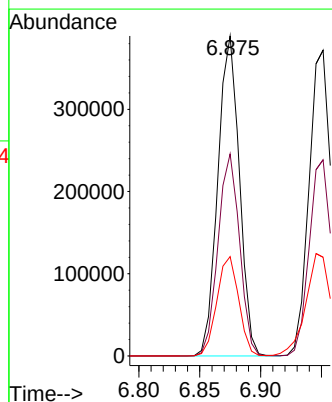
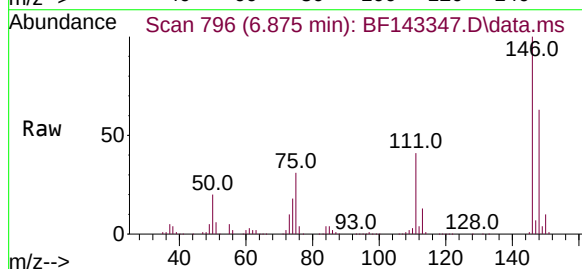
Tgt Ion: 146 Resp: 479321

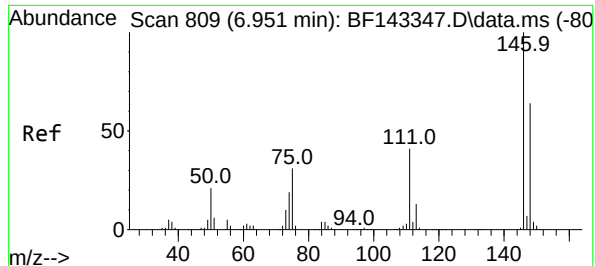
Ion Ratio Lower Upper

146 100

148 63.1 50.5 75.7

75 31.1 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 39.538 ng

RT: 6.951 min Scan# 809

Delta R.T. 0.000 min

Lab File: BF143347.D

Acq: 12 Aug 2025 11:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

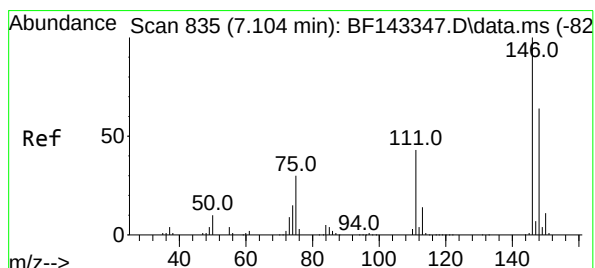
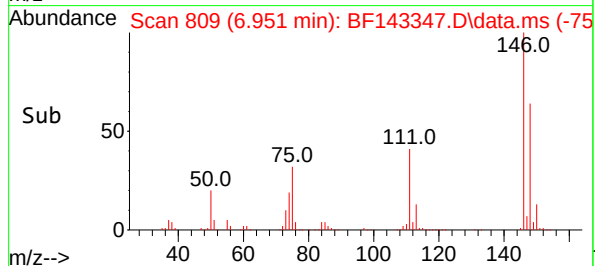
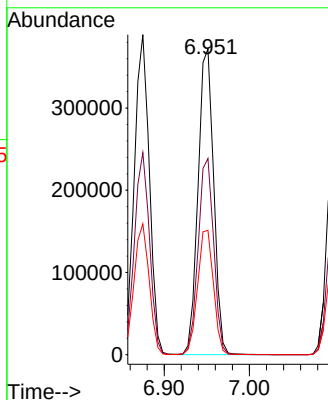
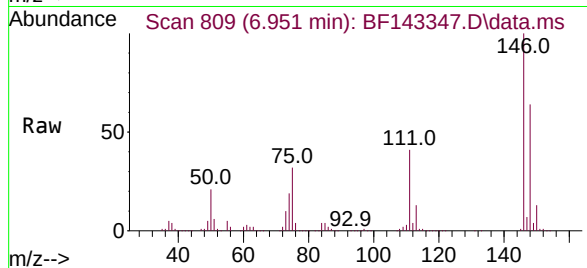
Tgt Ion:146 Resp: 473345

Ion Ratio Lower Upper

146 100

148 64.2 51.4 77.0

111 40.7 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 39.687 ng

RT: 7.104 min Scan# 835

Delta R.T. 0.000 min

Lab File: BF143347.D

Acq: 12 Aug 2025 11:06

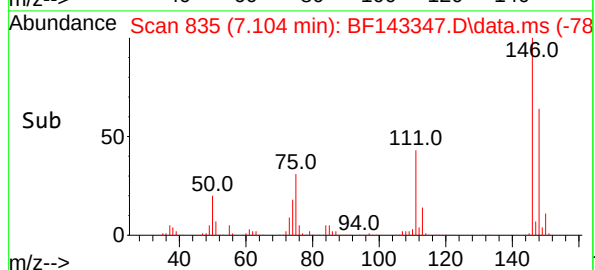
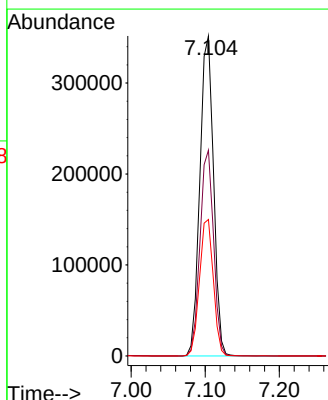
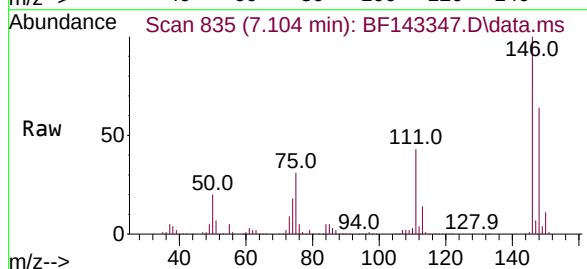
Tgt Ion:146 Resp: 451017

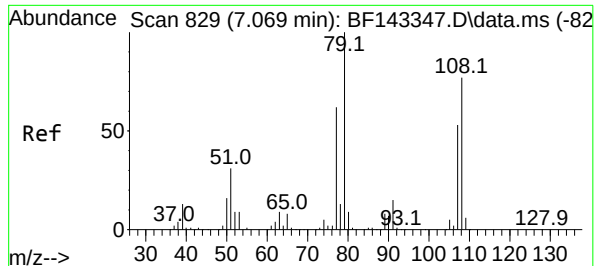
Ion Ratio Lower Upper

146 100

148 64.3 51.4 77.2

111 42.6 34.1 51.1

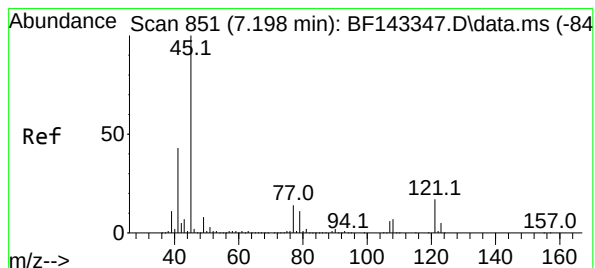
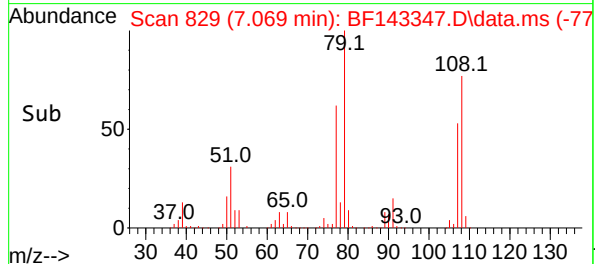
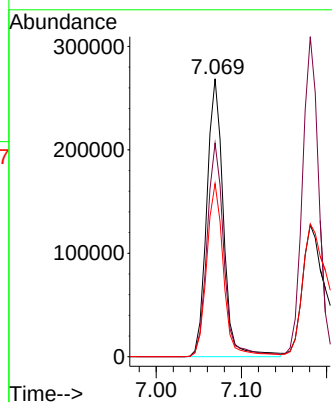
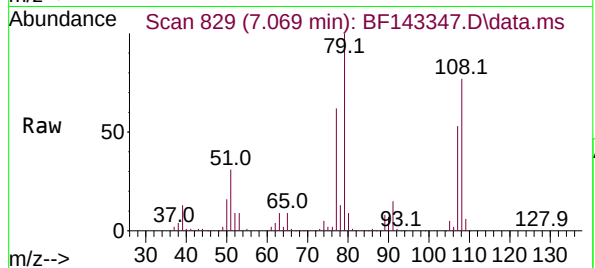




#15
Benzyl Alcohol
Concen: 40.952 ng
RT: 7.069 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

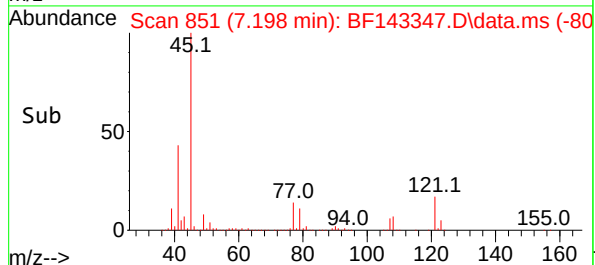
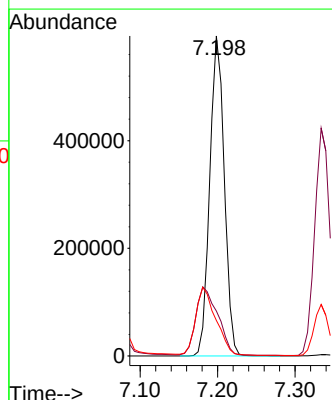
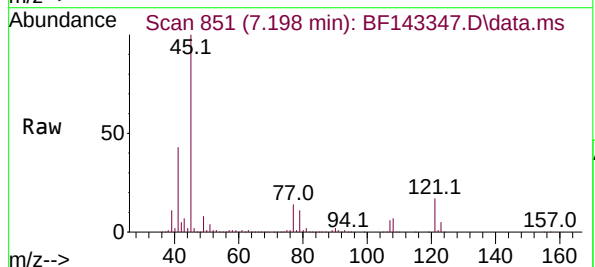
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

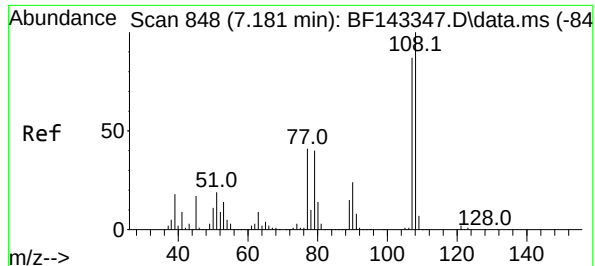
Tgt Ion: 79 Resp: 364330
Ion Ratio Lower Upper
79 100
108 76.9 61.5 92.3
77 62.3 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.085 ng
RT: 7.198 min Scan# 851
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion: 45 Resp: 775460
Ion Ratio Lower Upper
45 100
77 14.0 0.0 34.0
79 11.1 0.0 31.1

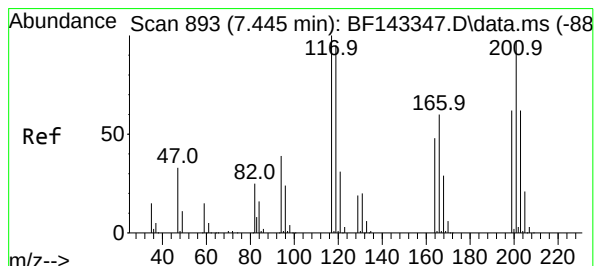
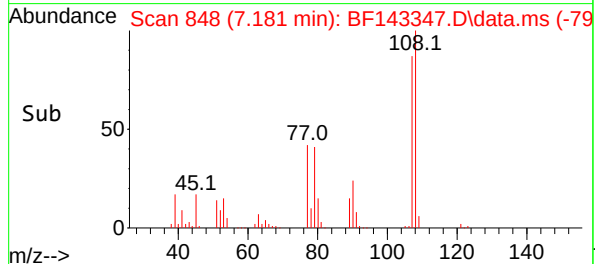
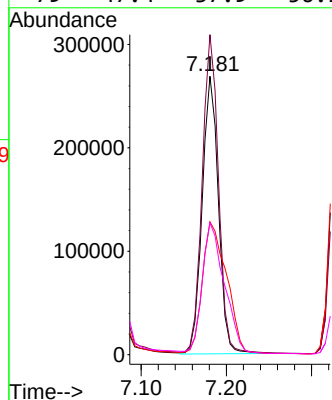
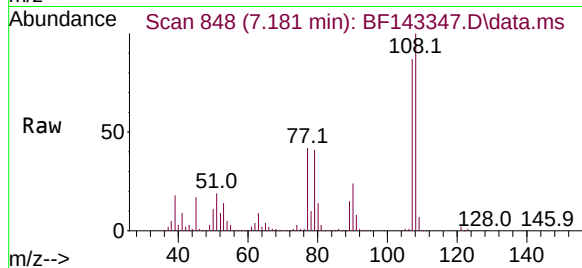




#17
2-Methylphenol
Concen: 40.780 ng
RT: 7.181 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

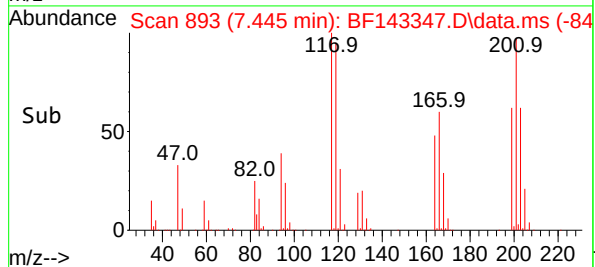
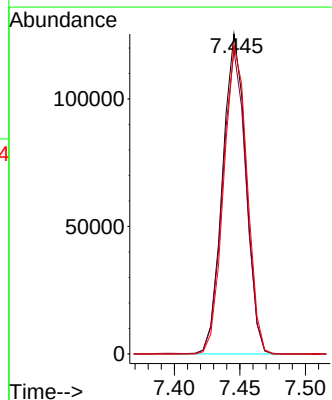
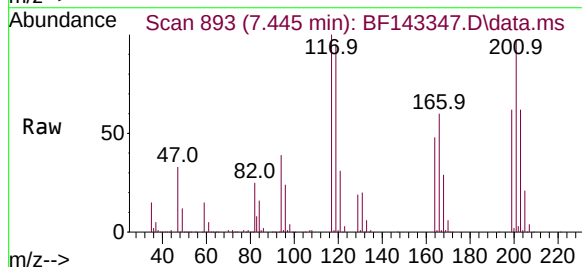
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

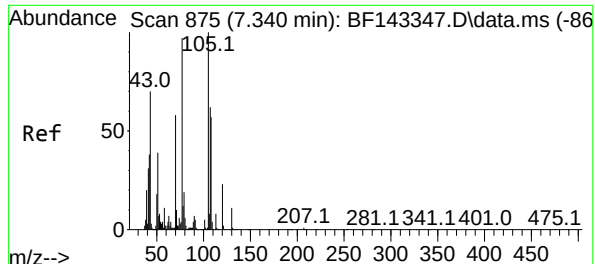
Tgt Ion:	107	Resp:	355981
Ion	Ratio	Lower	Upper
107	100		
108	115.0	92.0	138.0
77	47.7	38.2	57.2
79	47.4	37.9	56.9



#18
Hexachloroethane
Concen: 41.236 ng
RT: 7.445 min Scan# 893
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion:	117	Resp:	154773
Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.8	113.8
201	96.5	77.2	115.8





#19

n-Nitroso-di-n-propylamine

Concen: 39.712 ng

RT: 7.340 min Scan# 875

Delta R.T. 0.000 min

Lab File: BF143347.D

Acq: 12 Aug 2025 11:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 304543

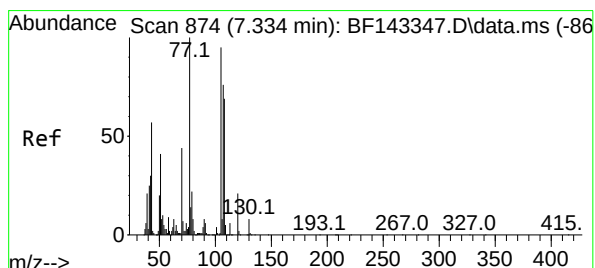
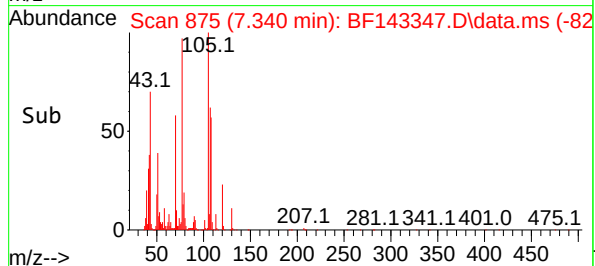
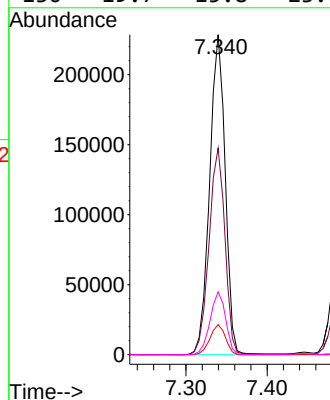
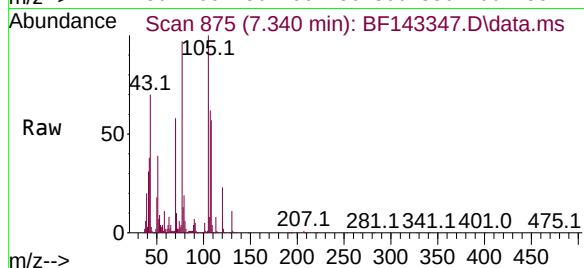
Ion Ratio Lower Upper

70 100

42 64.5 51.6 77.4

101 9.4 7.5 11.3

130 19.7 15.8 23.6



#20

3+4-Methylphenols

Concen: 40.831 ng

RT: 7.334 min Scan# 874

Delta R.T. 0.000 min

Lab File: BF143347.D

Acq: 12 Aug 2025 11:06

Tgt Ion: 107 Resp: 431056

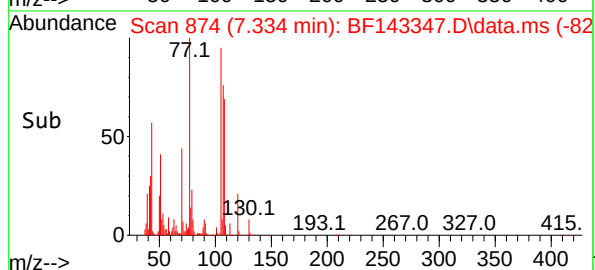
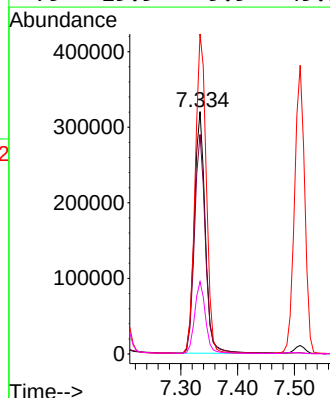
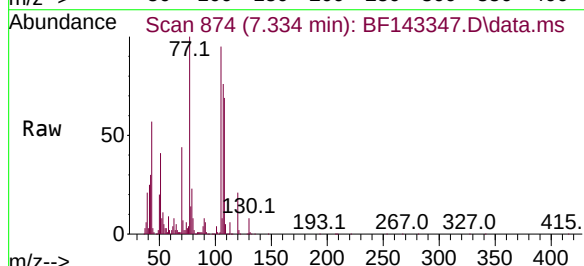
Ion Ratio Lower Upper

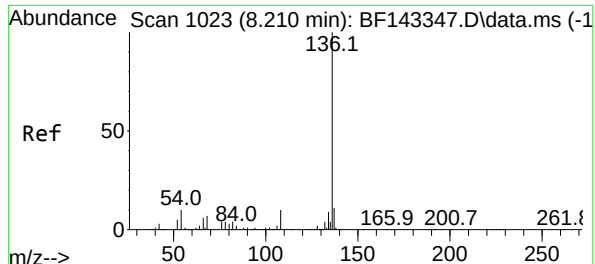
107 100

108 90.6 70.6 110.6

77 132.0 112.0 152.0

79 29.9 9.9 49.9

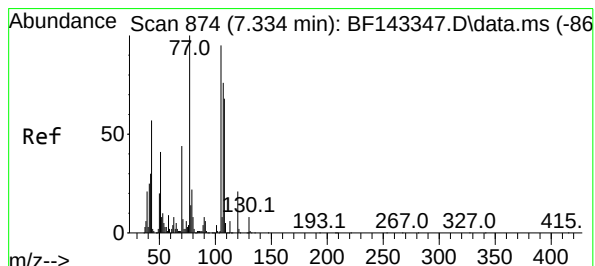
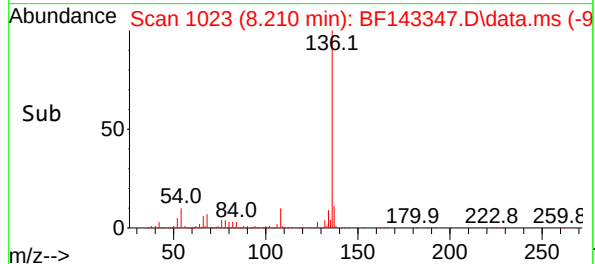
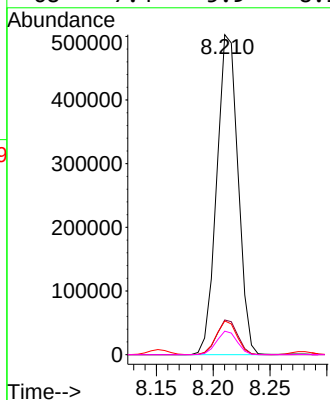
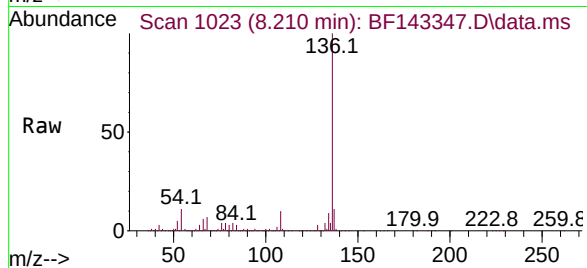




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

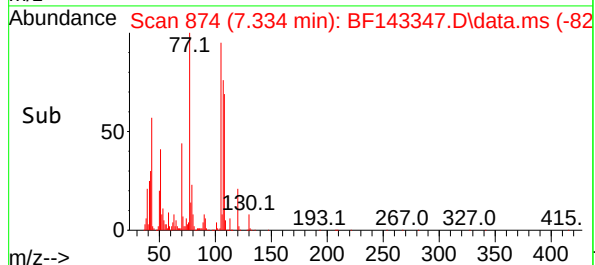
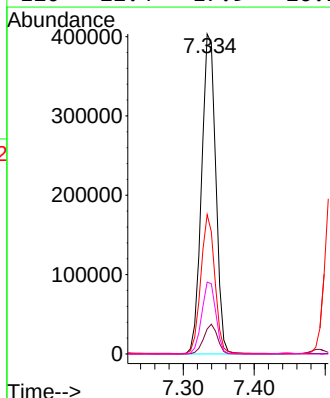
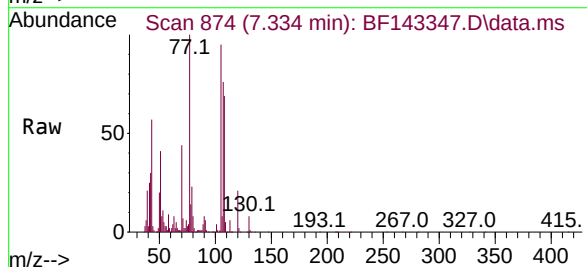
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

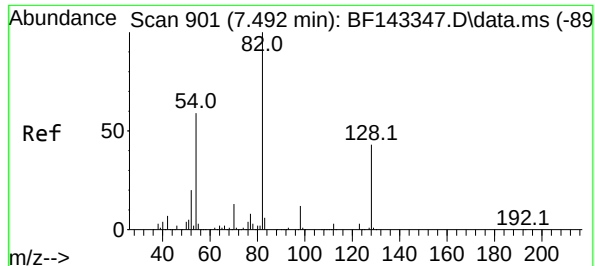
Tgt Ion:	136	Resp:	655032
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	13.0
54	10.5	8.4	12.6
68	7.4	5.9	8.9



#22
Acetophenone
Concen: 38.966 ng
RT: 7.334 min Scan# 874
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion:	105	Resp:	562380
Ion Ratio	Lower	Upper	
105	100		
71	7.8	6.2	9.4
51	43.5	34.8	52.2
120	22.4	17.9	26.9





#23

Nitrobenzene-d5

Concen: 83.642 ng

RT: 7.492 min Scan# 901

Delta R.T. 0.000 min

Lab File: BF143347.D

Acq: 12 Aug 2025 11:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

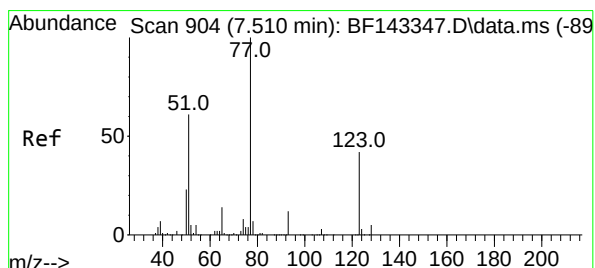
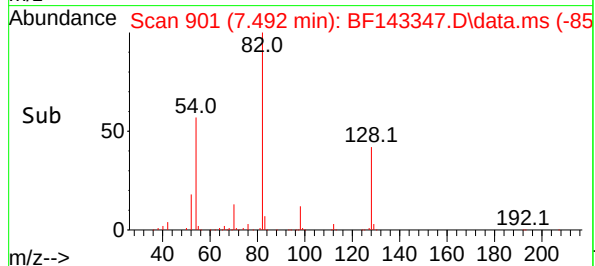
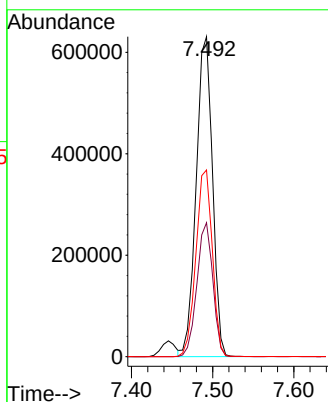
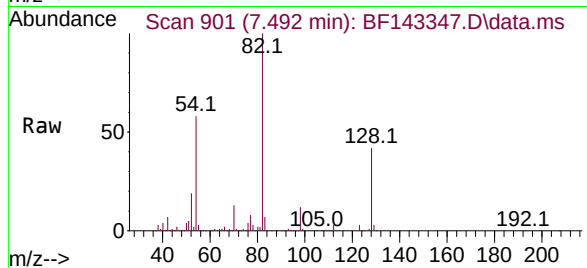
Tgt Ion: 82 Resp: 879802

Ion Ratio Lower Upper

82 100

128 41.9 33.5 50.3

54 58.4 46.7 70.1



#24

Nitrobenzene

Concen: 41.135 ng

RT: 7.510 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF143347.D

Acq: 12 Aug 2025 11:06

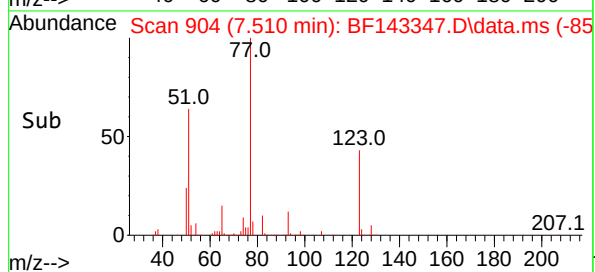
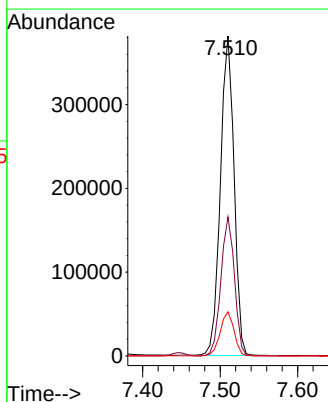
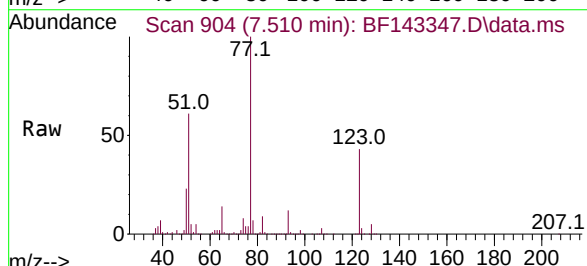
Tgt Ion: 77 Resp: 469916

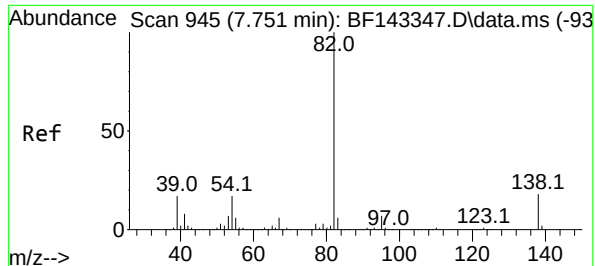
Ion Ratio Lower Upper

77 100

123 43.5 34.8 52.2

65 13.8 11.0 16.6

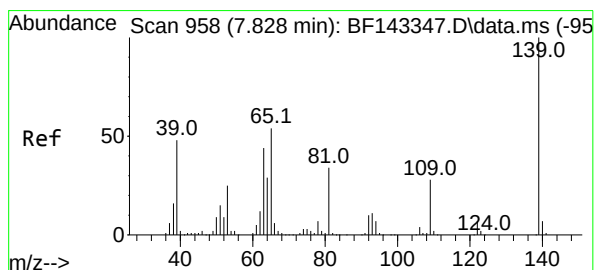
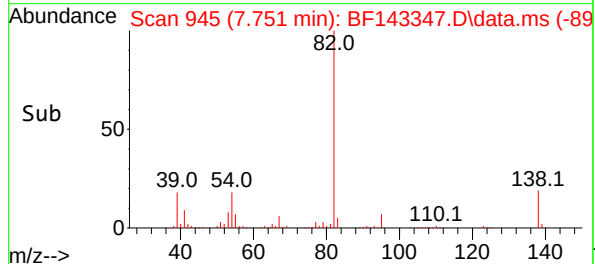
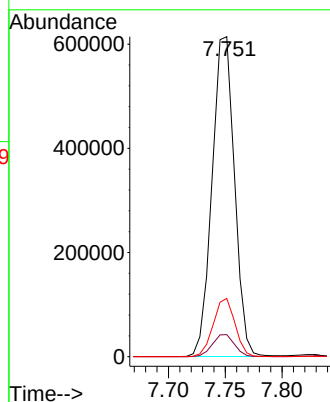
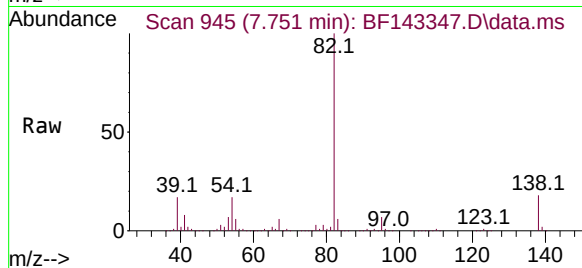




#25
Isophorone
Concen: 39.360 ng
RT: 7.751 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

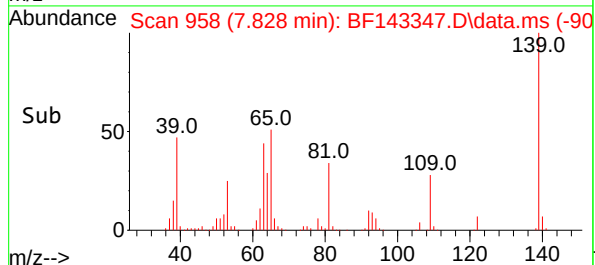
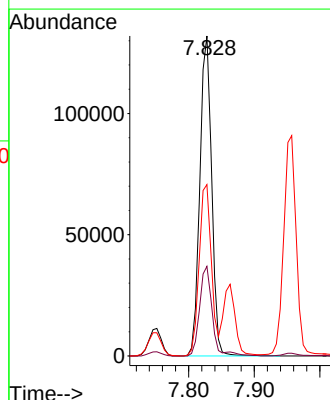
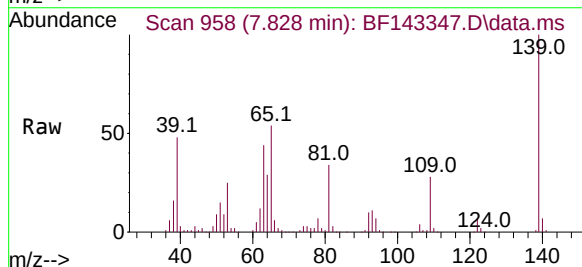
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

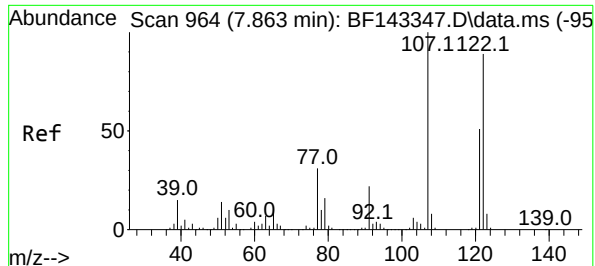
Tgt Ion	82	95	138
Resp	845188		
Ratio	100	6.9	18.2
Lower		5.5	14.6
Upper		8.3	21.8



#26
2-Nitrophenol
Concen: 37.083 ng
RT: 7.828 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion	139	109	65
Resp	165661		
Ratio	100	28.0	53.6
Lower		22.4	42.9
Upper		33.6	64.3





#27

2,4-Dimethylphenol

Concen: 40.820 ng

RT: 7.863 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF143347.D

Acq: 12 Aug 2025 11:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

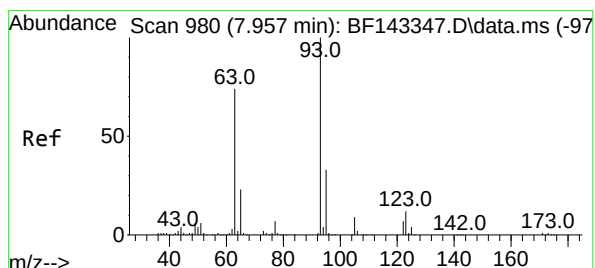
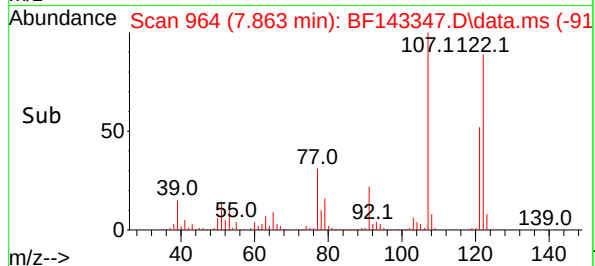
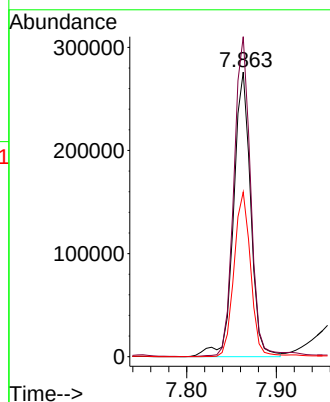
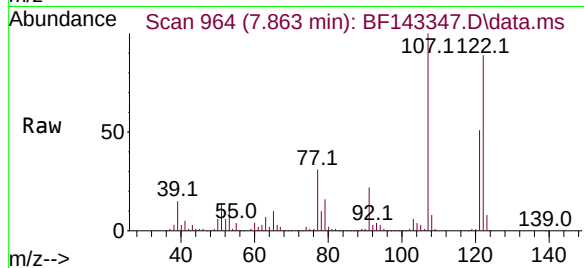
Tgt Ion:122 Resp: 365692

Ion Ratio Lower Upper

122 100

107 112.4 89.9 134.9

121 57.8 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 39.540 ng

RT: 7.957 min Scan# 980

Delta R.T. 0.000 min

Lab File: BF143347.D

Acq: 12 Aug 2025 11:06

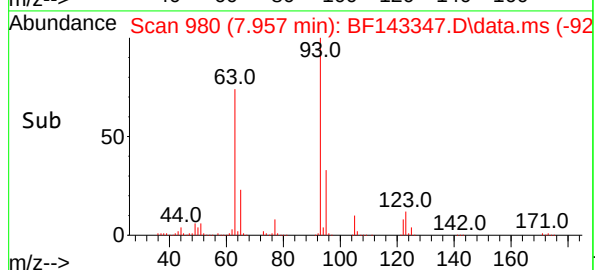
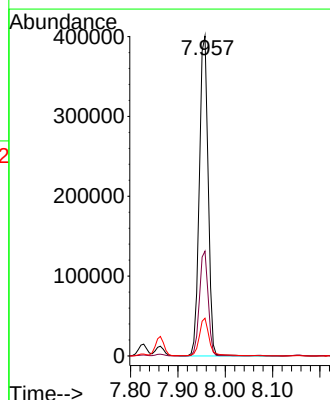
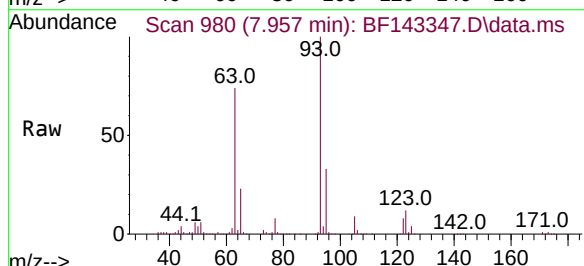
Tgt Ion: 93 Resp: 518389

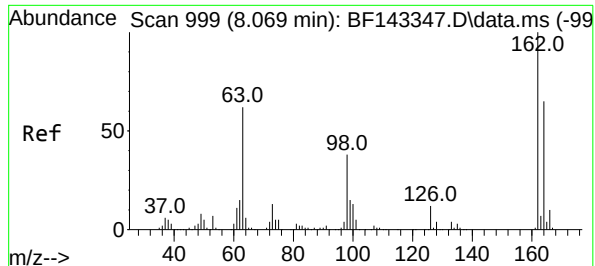
Ion Ratio Lower Upper

93 100

95 32.8 26.2 39.4

123 11.8 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 41.210 ng

RT: 8.069 min Scan# 999

Delta R.T. 0.000 min

Lab File: BF143347.D

Acq: 12 Aug 2025 11:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

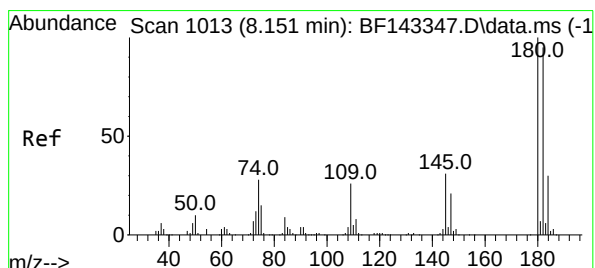
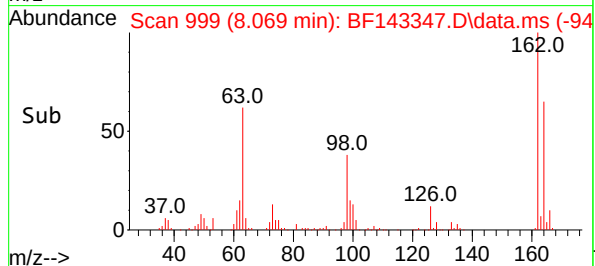
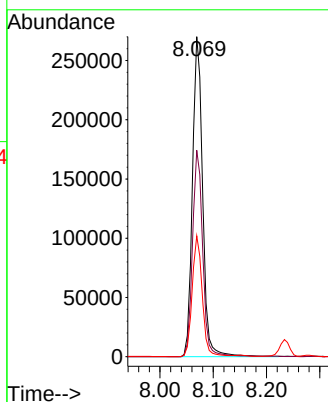
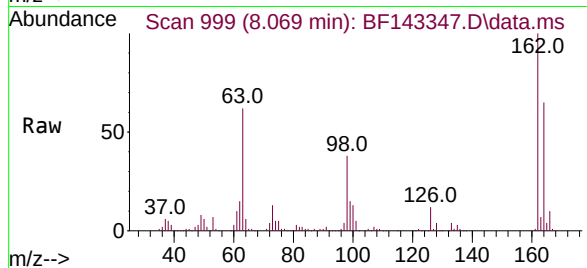
Tgt Ion:162 Resp: 360583

Ion Ratio Lower Upper

162 100

164 64.5 44.5 84.5

98 37.7 17.7 57.7



#30

1,2,4-Trichlorobenzene

Concen: 39.377 ng

RT: 8.151 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BF143347.D

Acq: 12 Aug 2025 11:06

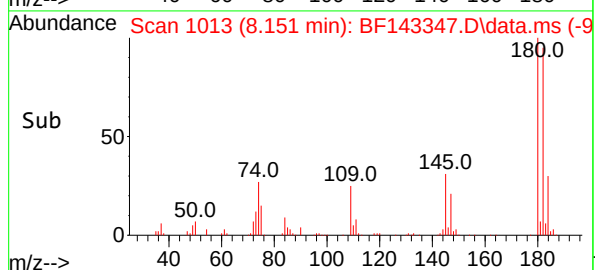
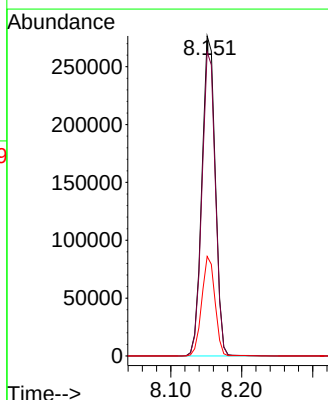
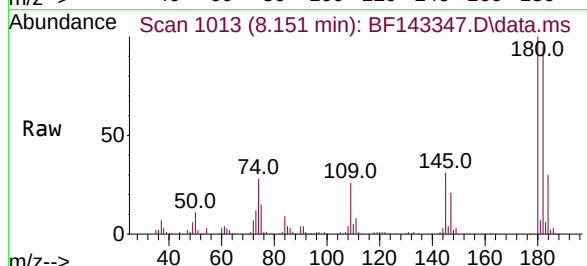
Tgt Ion:180 Resp: 363439

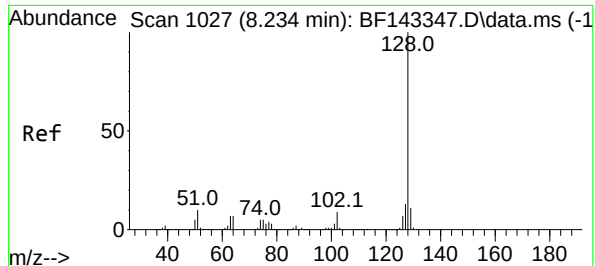
Ion Ratio Lower Upper

180 100

182 95.1 76.1 114.1

145 31.1 24.9 37.3

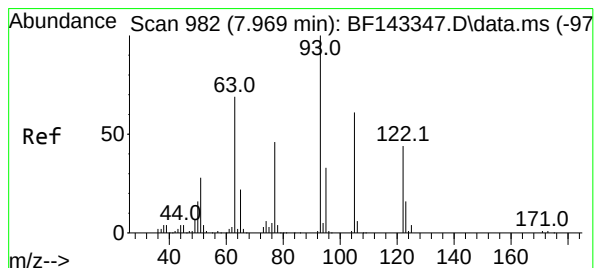
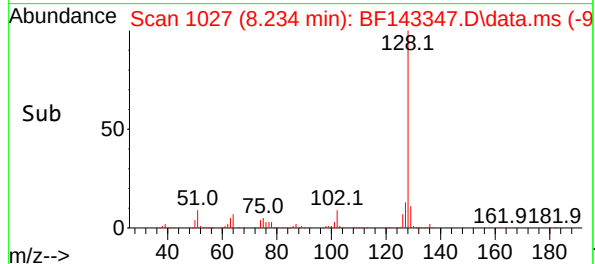
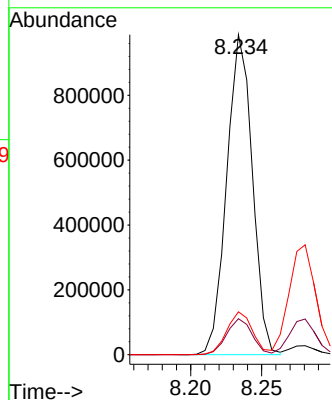
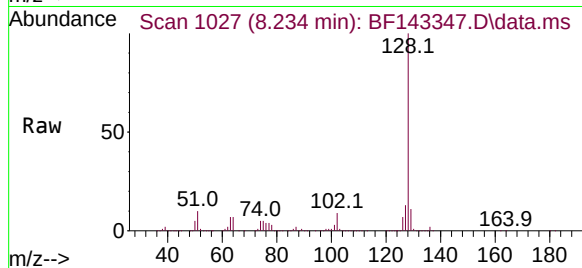




#31
Naphthalene
Concen: 39.250 ng
RT: 8.234 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

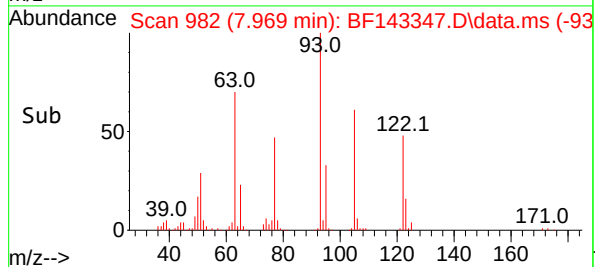
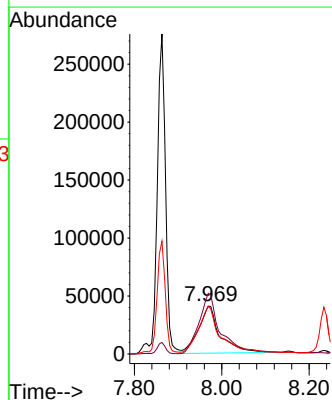
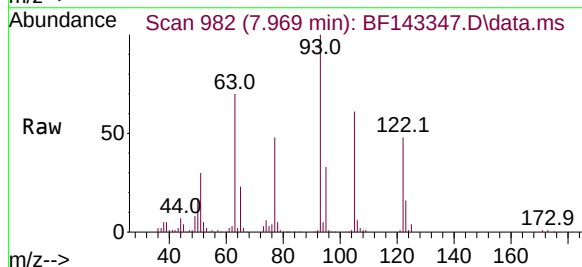
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

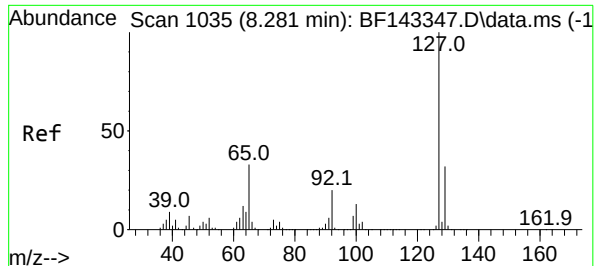
Tgt Ion:128 Resp: 1237121
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 39.021 ng
RT: 7.969 min Scan# 982
Delta R.T. -0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion:122 Resp: 141523
Ion Ratio Lower Upper
122 100
105 126.4 106.4 146.4
77 99.2 79.2 119.2





#33

4-Chloroaniline

Concen: 39.784 ng

RT: 8.281 min Scan# 1035

Delta R.T. 0.000 min

Lab File: BF143347.D

Acq: 12 Aug 2025 11:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:127 Resp: 452276

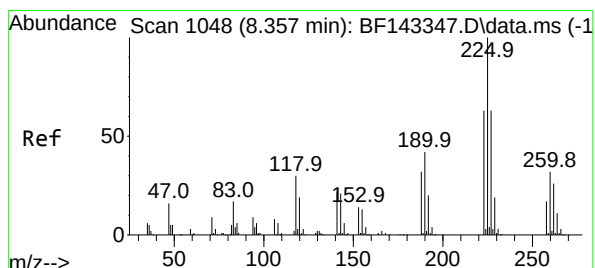
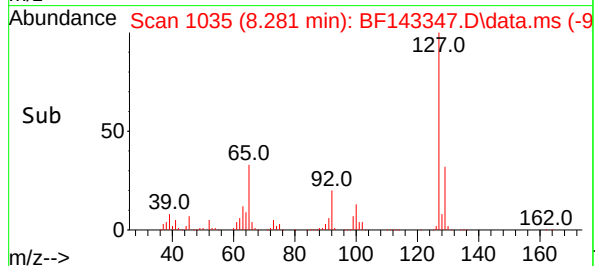
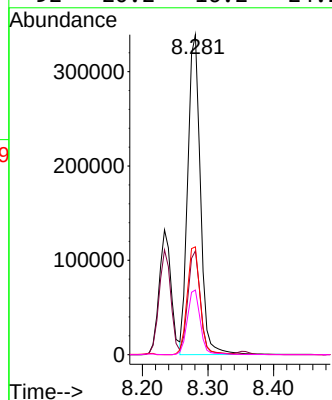
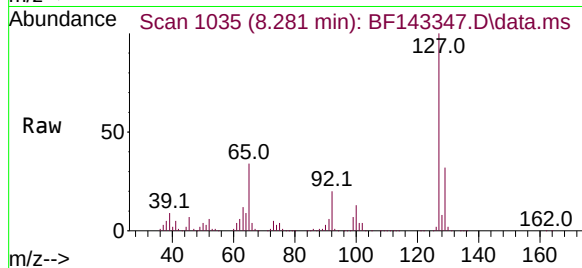
Ion Ratio Lower Upper

127 100

129 32.5 26.0 39.0

65 33.7 27.0 40.4

92 20.2 16.2 24.2



#34

Hexachlorobutadiene

Concen: 39.902 ng

RT: 8.357 min Scan# 1048

Delta R.T. 0.000 min

Lab File: BF143347.D

Acq: 12 Aug 2025 11:06

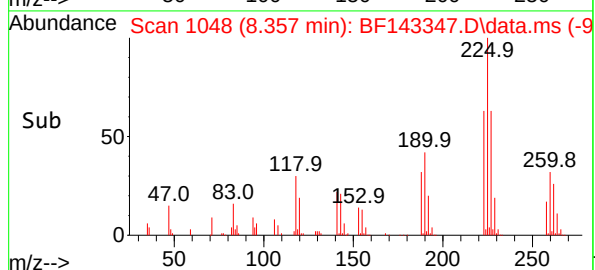
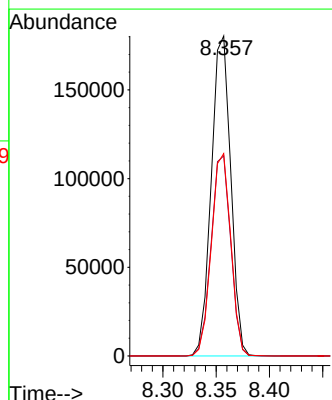
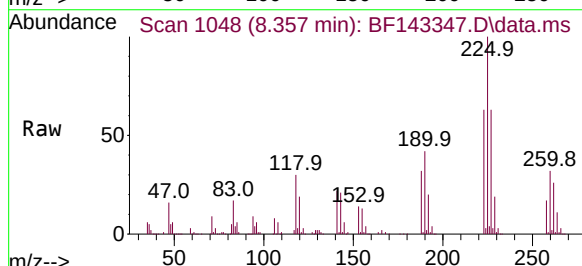
Tgt Ion:225 Resp: 229101

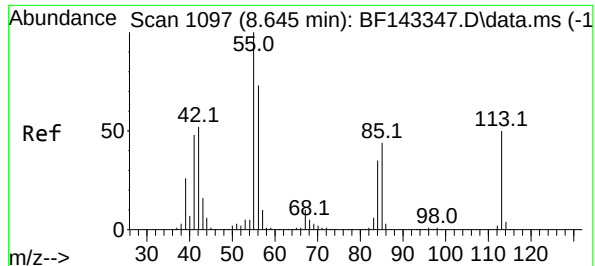
Ion Ratio Lower Upper

225 100

223 62.6 50.1 75.1

227 63.2 50.6 75.8





#35

Caprolactam

Concen: 41.884 ng

RT: 8.645 min Scan# 1097

Delta R.T. 0.000 min

Lab File: BF143347.D

Acq: 12 Aug 2025 11:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

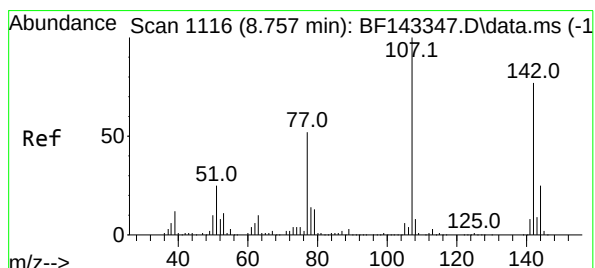
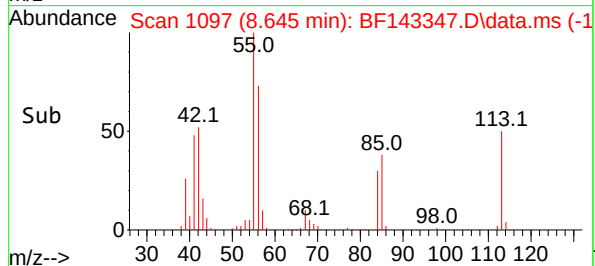
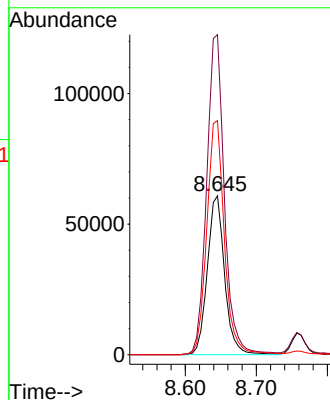
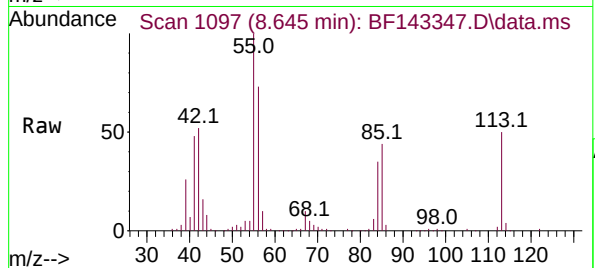
Tgt Ion:113 Resp: 103025

Ion Ratio Lower Upper

113 100

55 201.4 181.4 221.4

56 147.3 127.3 167.3



#36

4-Chloro-3-methylphenol

Concen: 40.883 ng

RT: 8.757 min Scan# 1116

Delta R.T. 0.000 min

Lab File: BF143347.D

Acq: 12 Aug 2025 11:06

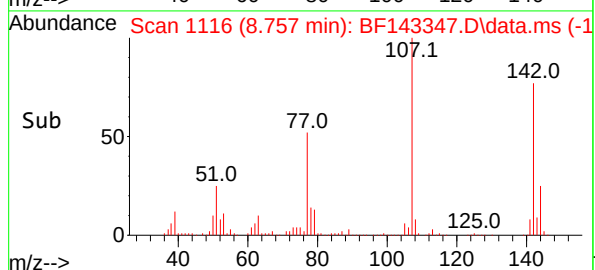
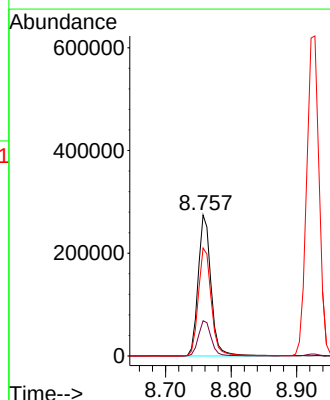
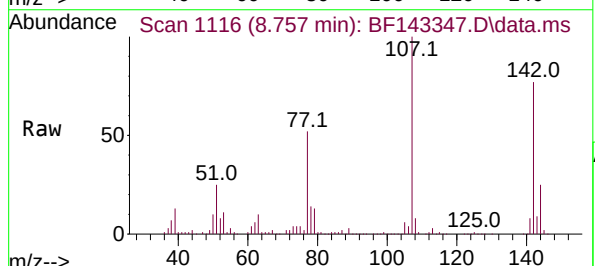
Tgt Ion:107 Resp: 375017

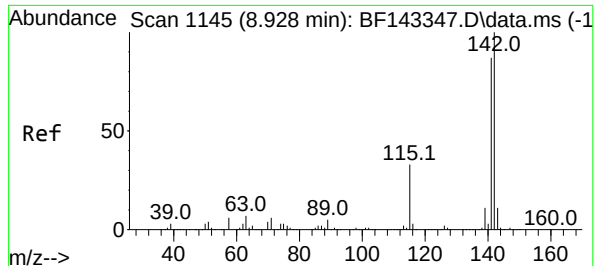
Ion Ratio Lower Upper

107 100

144 25.0 20.0 30.0

142 76.6 61.3 91.9





#37

2-Methylnaphthalene

Concen: 39.298 ng

RT: 8.928 min Scan# 1145

Delta R.T. 0.000 min

Lab File: BF143347.D

Acq: 12 Aug 2025 11:06

Instrument :

BNA_F

ClientSampleId :

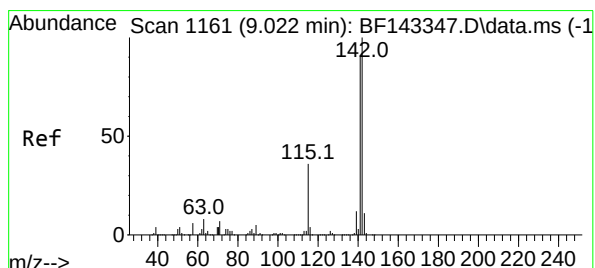
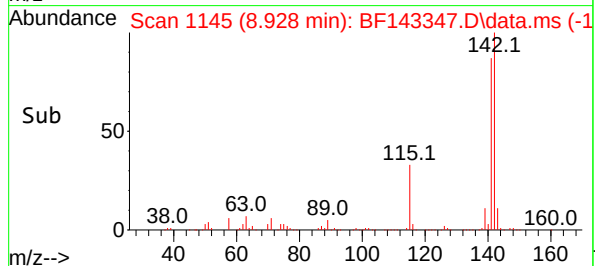
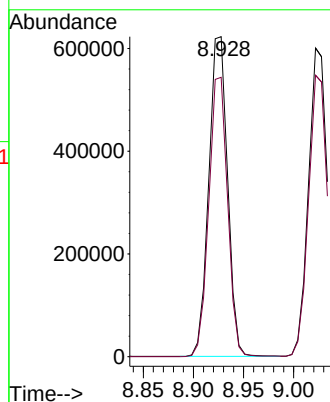
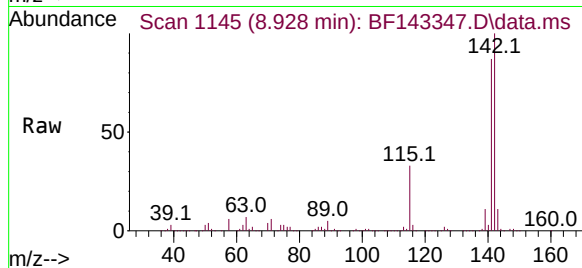
SSTDICCC040

Tgt Ion:142 Resp: 814304

Ion Ratio Lower Upper

142 100

141 87.3 69.8 104.8



#38

1-Methylnaphthalene

Concen: 39.075 ng

RT: 9.022 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BF143347.D

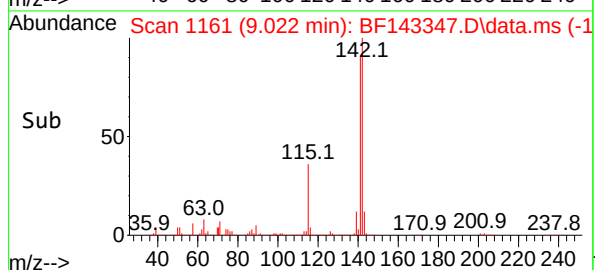
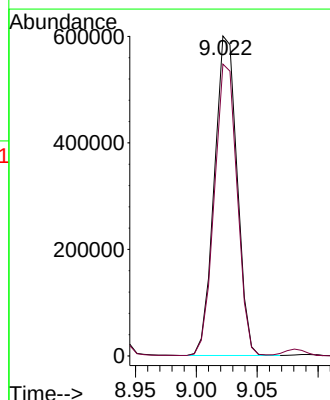
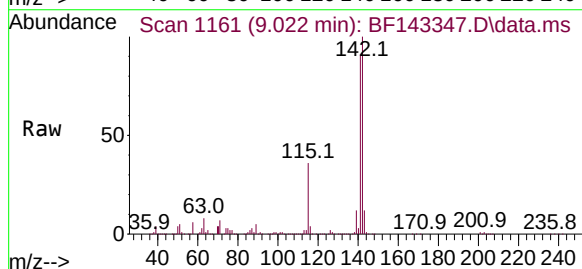
Acq: 12 Aug 2025 11:06

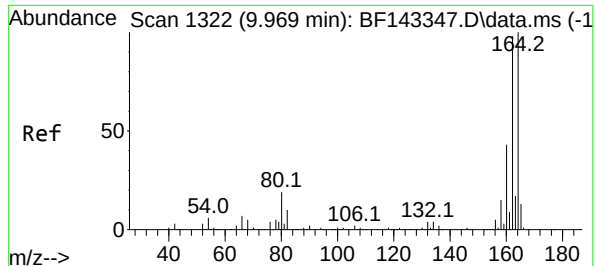
Tgt Ion:142 Resp: 779823

Ion Ratio Lower Upper

142 100

141 91.2 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.969 min Scan# 1173

Delta R.T. -0.000 min

Lab File: BF143347.D

Acq: 12 Aug 2025 11:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

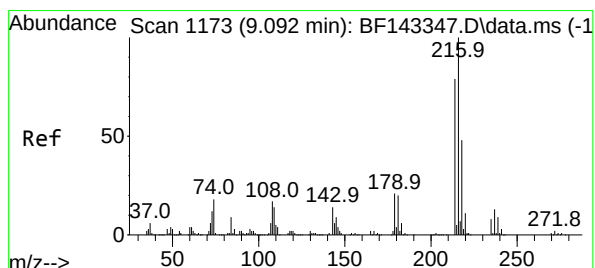
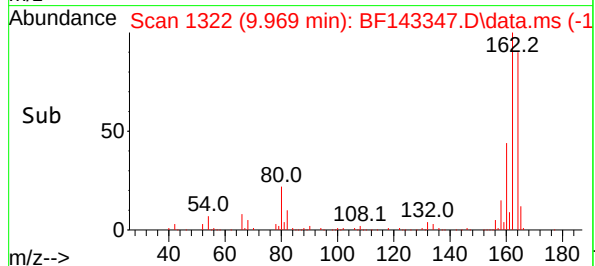
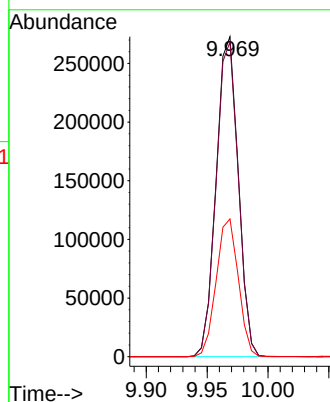
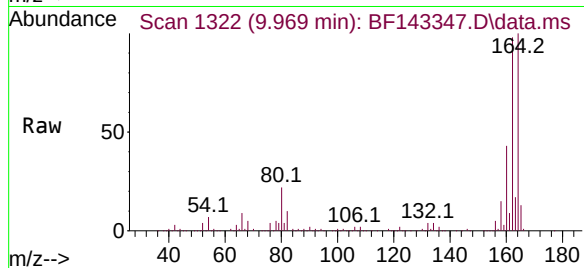
Tgt Ion:164 Resp: 345532

Ion Ratio Lower Upper

164 100

162 98.3 78.6 118.0

160 43.0 34.4 51.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.640 ng

RT: 9.092 min Scan# 1173

Delta R.T. 0.000 min

Lab File: BF143347.D

Acq: 12 Aug 2025 11:06

Tgt Ion:216 Resp: 374807

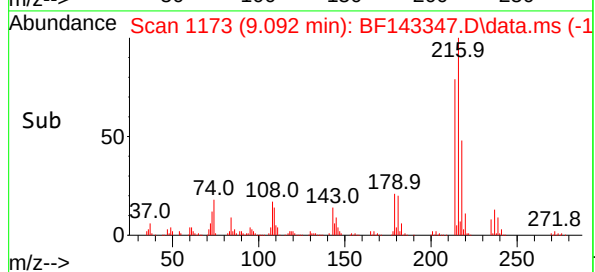
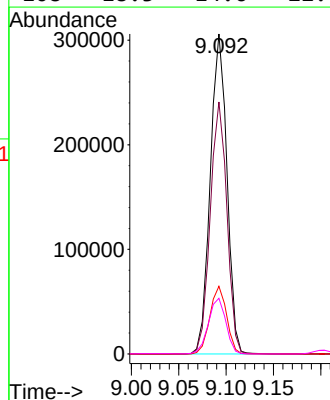
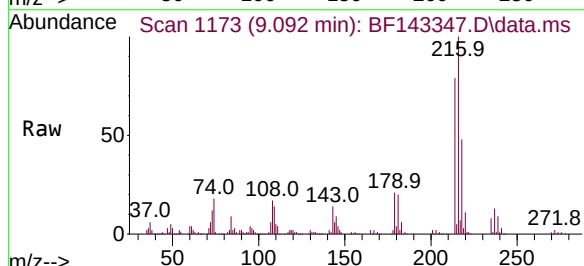
Ion Ratio Lower Upper

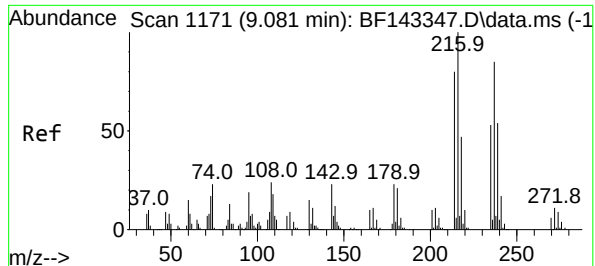
216 100

214 78.7 63.0 94.4

179 21.2 17.0 25.4

108 18.3 14.6 22.0

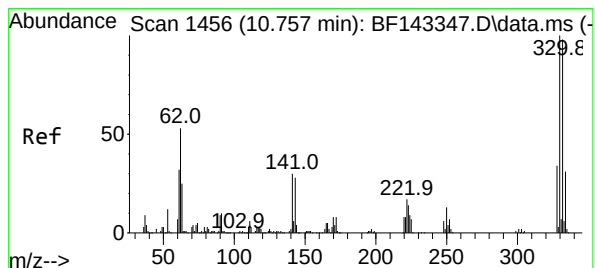
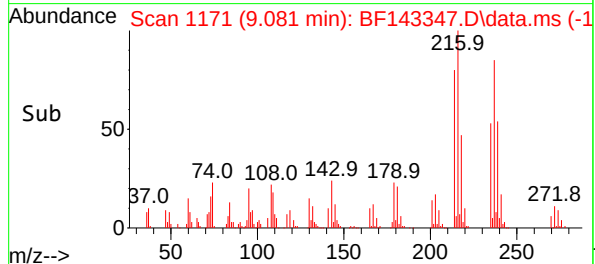
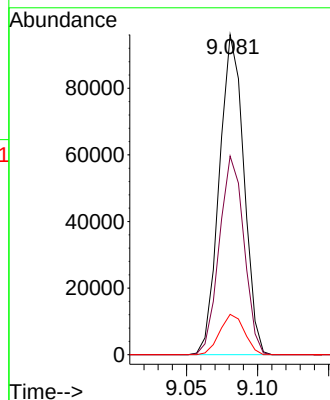
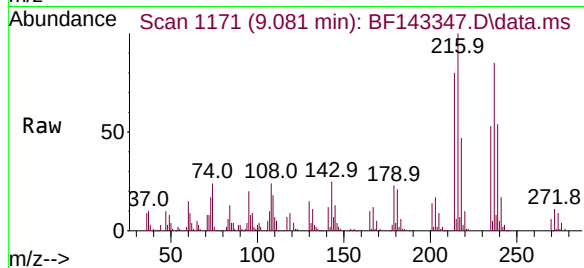




#41
Hexachlorocyclopentadiene
Concen: 38.401 ng
RT: 9.081 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

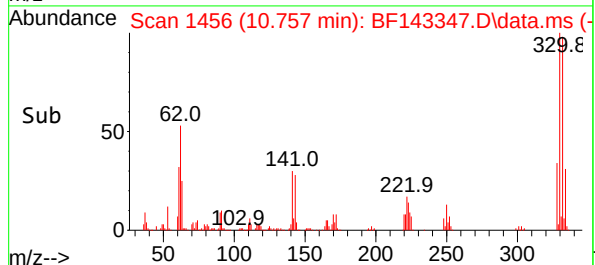
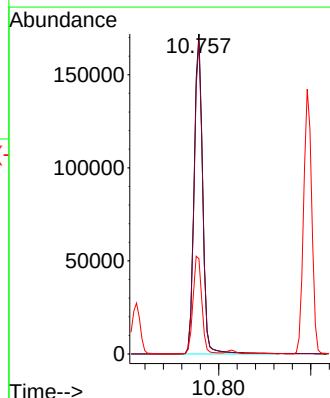
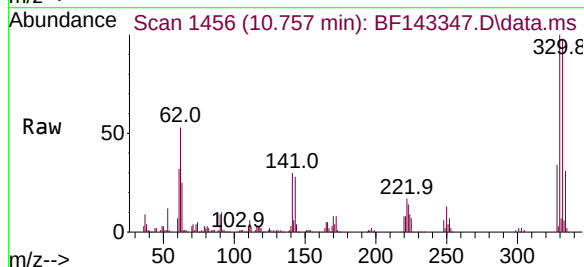
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

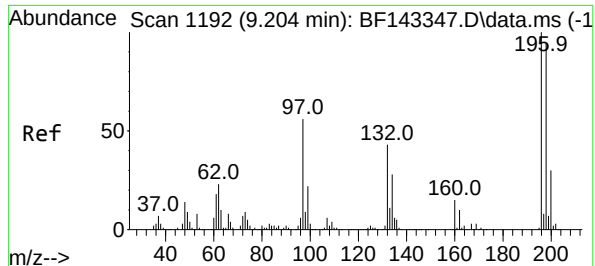
Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.0	42.0	82.0
272	12.6	0.0	32.6



#42
2,4,6-Tribromophenol
Concen: 87.313 ng
RT: 10.757 min Scan# 1456
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.6	78.1	117.1
141	31.7	25.4	38.0

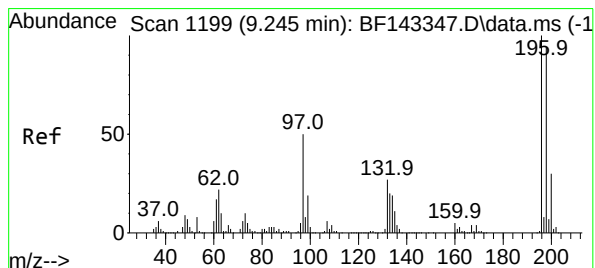
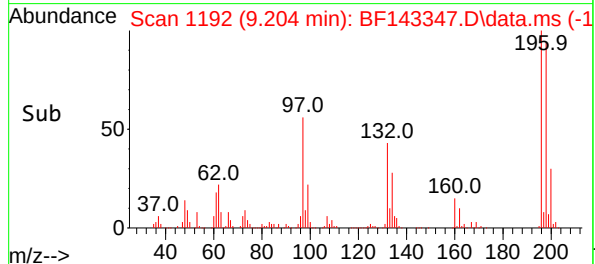
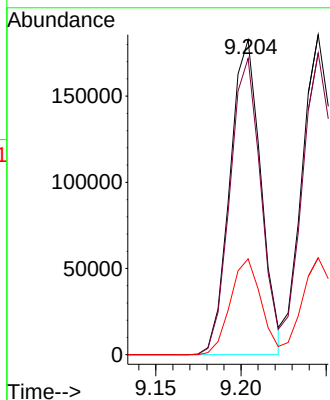
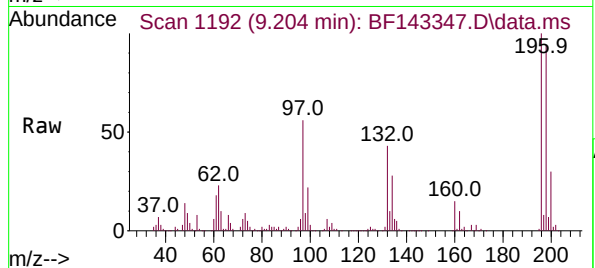




#43
2,4,6-Trichlorophenol
Concen: 43.008 ng
RT: 9.204 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

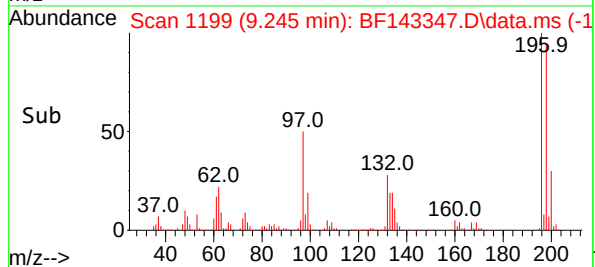
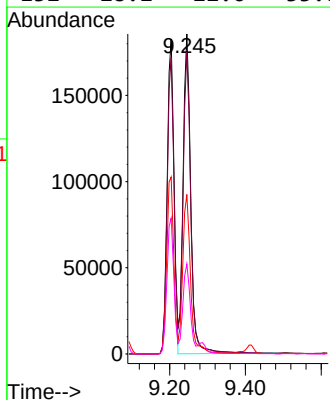
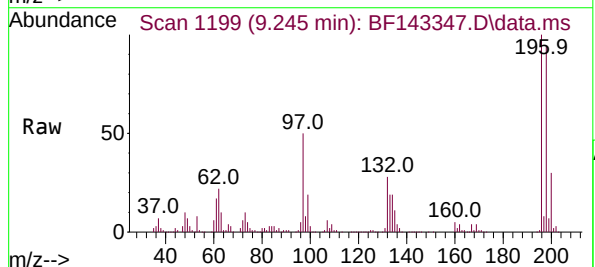
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

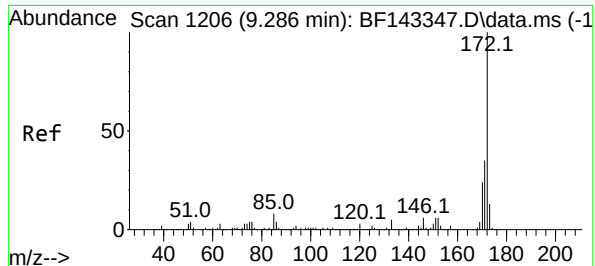
Tgt Ion:196 Resp: 230730
Ion Ratio Lower Upper
196 100
198 94.2 75.4 113.0
200 30.4 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 43.029 ng
RT: 9.245 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion:196 Resp: 260681
Ion Ratio Lower Upper
196 100
198 94.3 75.4 113.2
97 49.9 39.9 59.9
132 28.2 22.6 33.8





#45

2-Fluorobiphenyl

Concen: 76.811 ng

RT: 9.286 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF143347.D

Acq: 12 Aug 2025 11:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

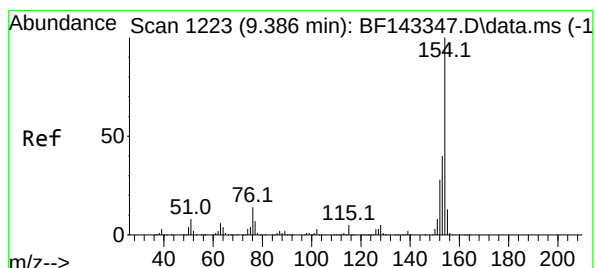
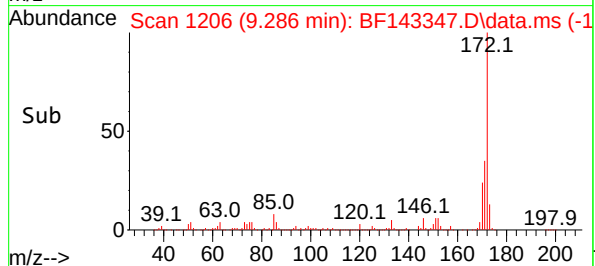
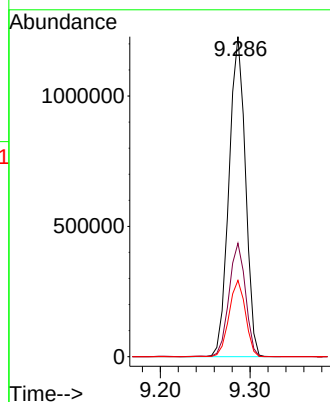
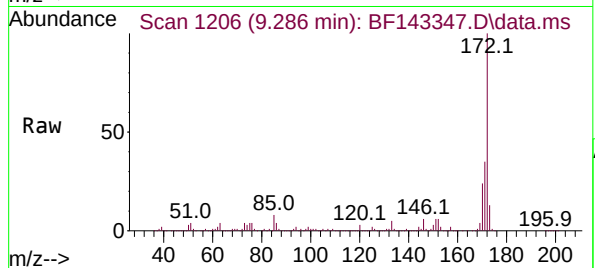
Tgt Ion:172 Resp: 1565121

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.9 19.1 28.7



#46

1,1'-Biphenyl

Concen: 39.285 ng

RT: 9.386 min Scan# 1223

Delta R.T. 0.000 min

Lab File: BF143347.D

Acq: 12 Aug 2025 11:06

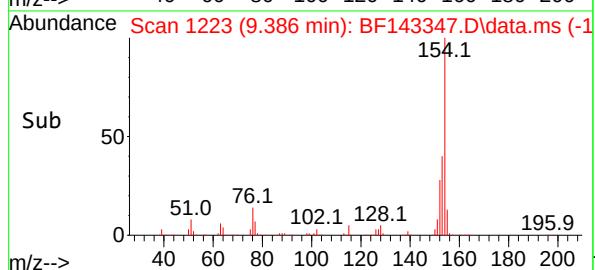
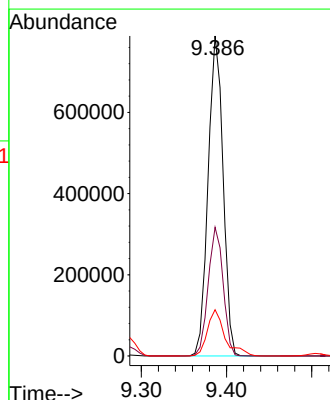
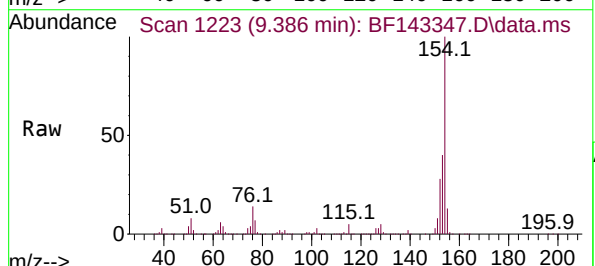
Tgt Ion:154 Resp: 959774

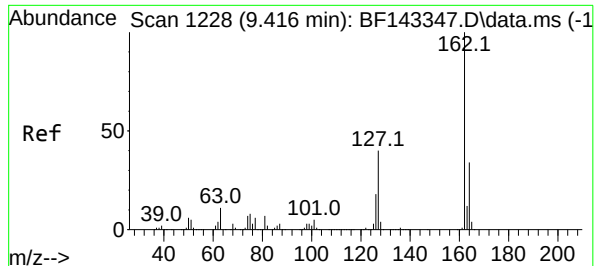
Ion Ratio Lower Upper

154 100

153 40.2 20.2 60.2

76 14.4 0.0 34.4





#47

2-Chloronaphthalene

Concen: 39.322 ng

RT: 9.416 min Scan# 1228

Delta R.T. 0.000 min

Lab File: BF143347.D

Acq: 12 Aug 2025 11:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

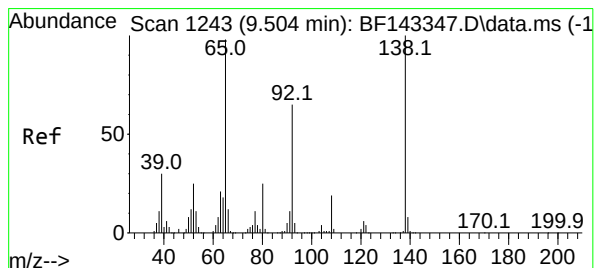
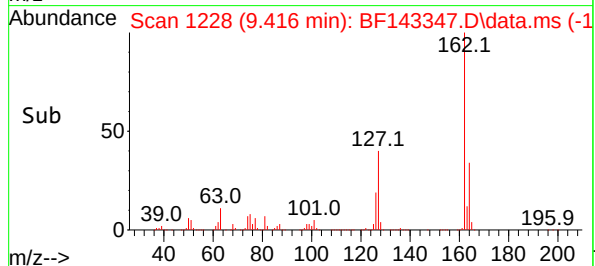
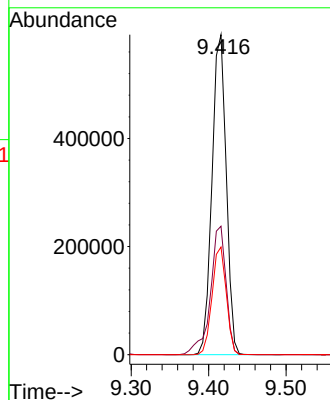
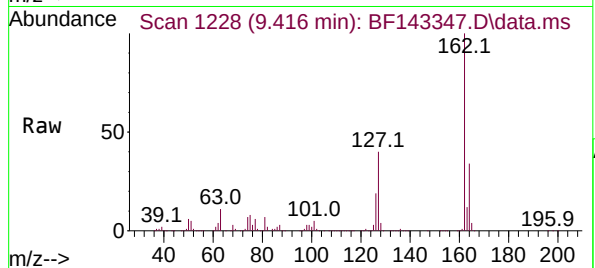
Tgt Ion:162 Resp: 756597

Ion Ratio Lower Upper

162 100

127 40.1 32.1 48.1

164 33.7 27.0 40.4



#48

2-Nitroaniline

Concen: 39.058 ng

RT: 9.504 min Scan# 1243

Delta R.T. 0.000 min

Lab File: BF143347.D

Acq: 12 Aug 2025 11:06

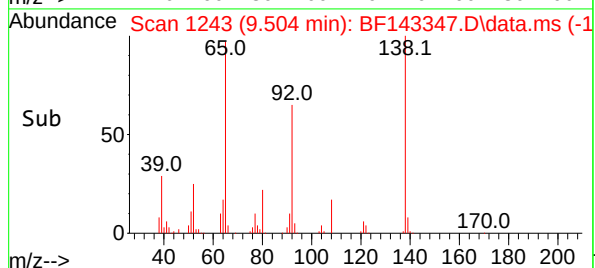
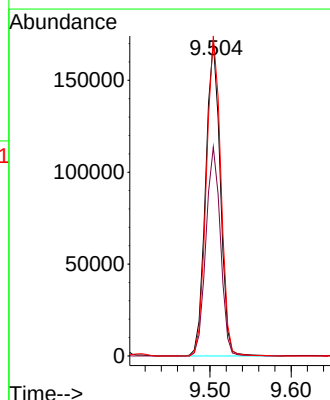
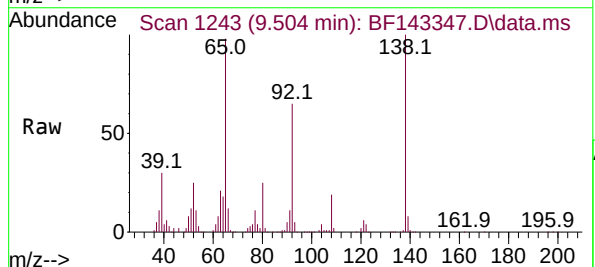
Tgt Ion: 65 Resp: 213717

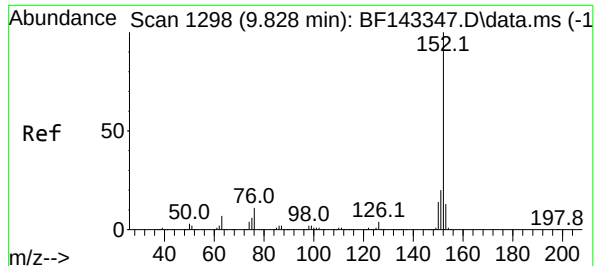
Ion Ratio Lower Upper

65 100

92 66.4 53.1 79.7

138 101.7 81.4 122.0





#49

Acenaphthylene

Concen: 39.490 ng

RT: 9.828 min Scan# 1298

Delta R.T. 0.000 min

Lab File: BF143347.D

Acq: 12 Aug 2025 11:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

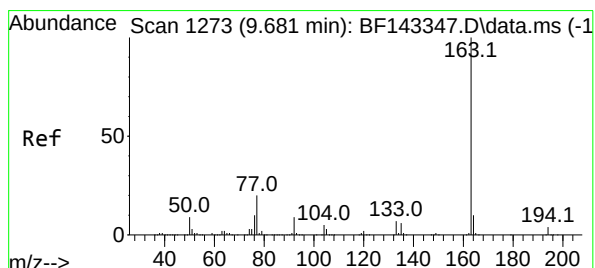
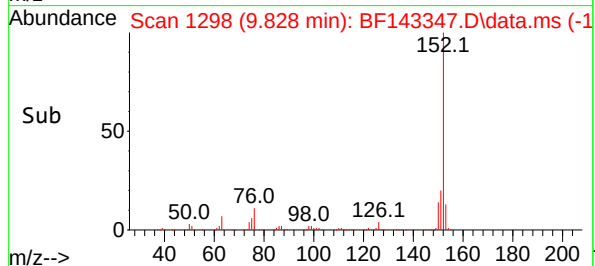
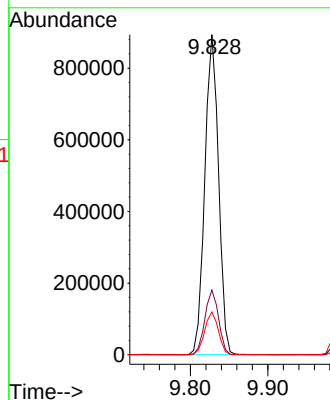
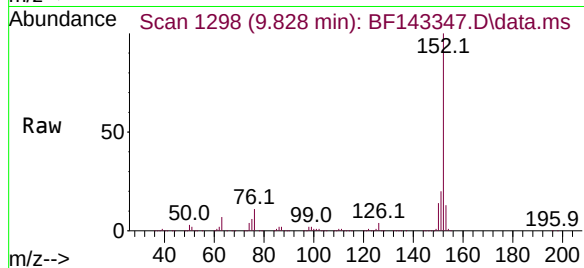
Tgt Ion:152 Resp: 1097291

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.2

153 13.3 10.6 16.0



#50

Dimethylphthalate

Concen: 40.398 ng

RT: 9.681 min Scan# 1273

Delta R.T. 0.000 min

Lab File: BF143347.D

Acq: 12 Aug 2025 11:06

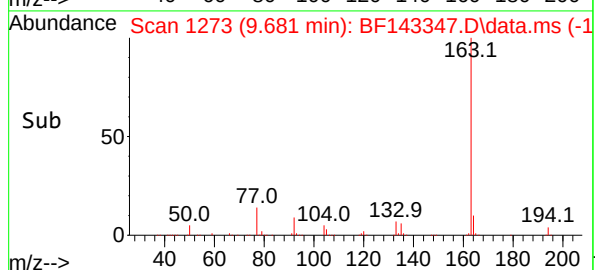
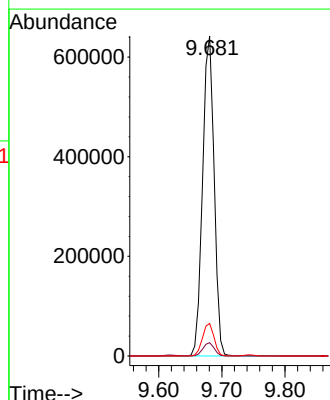
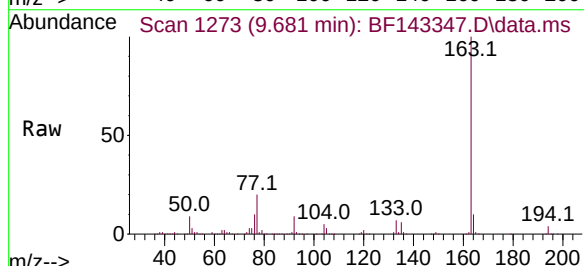
Tgt Ion:163 Resp: 815627

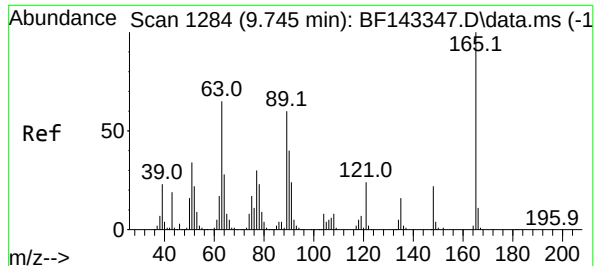
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.2 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 39.128 ng

RT: 9.745 min Scan# 1284

Delta R.T. 0.000 min

Lab File: BF143347.D

Acq: 12 Aug 2025 11:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

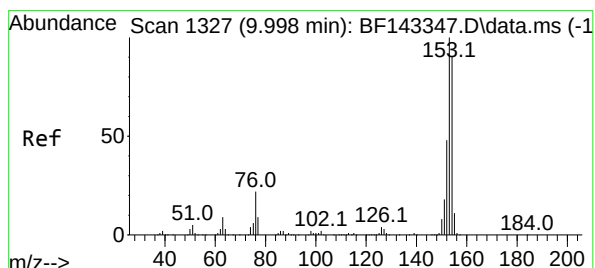
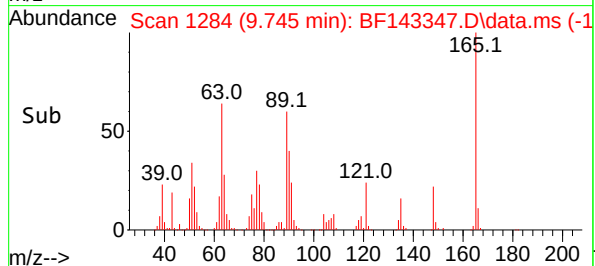
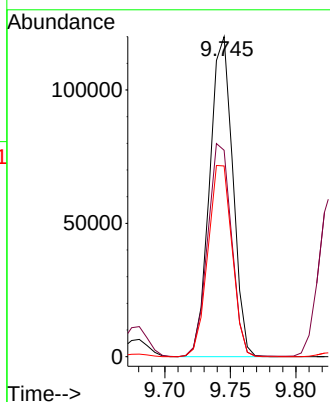
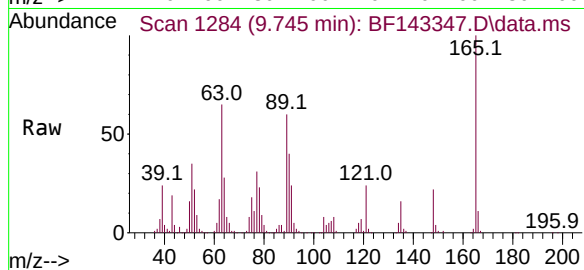
Tgt Ion:165 Resp: 147260

Ion Ratio Lower Upper

165 100

63 64.5 51.6 77.4

89 59.6 47.7 71.5



#52

Acenaphthene

Concen: 39.446 ng

RT: 9.998 min Scan# 1327

Delta R.T. 0.000 min

Lab File: BF143347.D

Acq: 12 Aug 2025 11:06

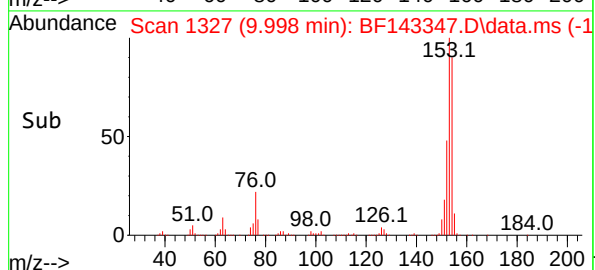
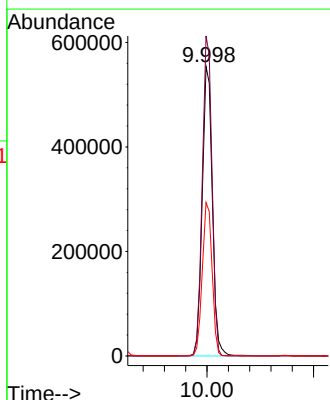
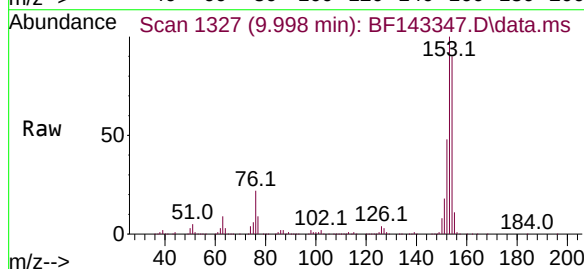
Tgt Ion:154 Resp: 728691

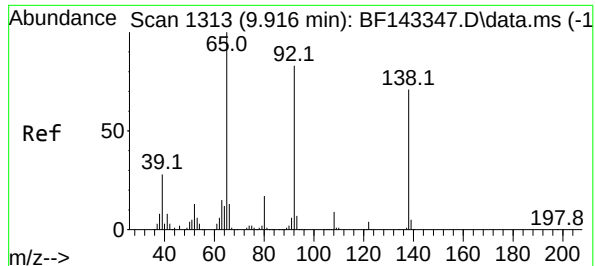
Ion Ratio Lower Upper

154 100

153 110.6 88.5 132.7

152 53.0 42.4 63.6

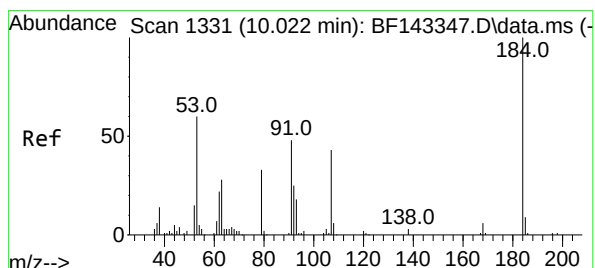
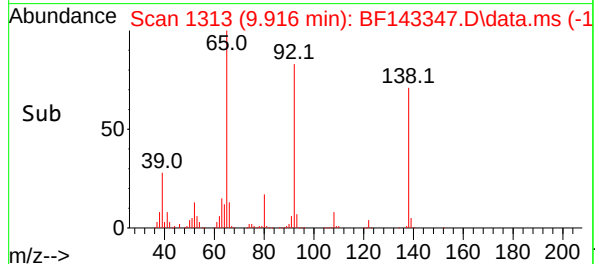
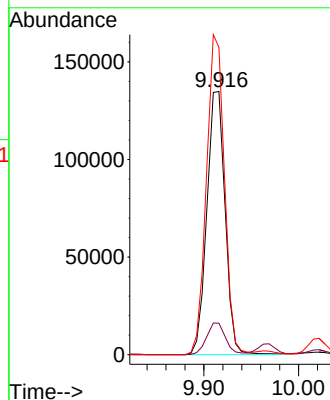
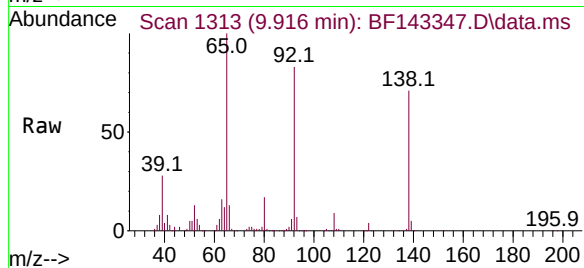




#53
3-Nitroaniline
Concen: 43.642 ng
RT: 9.916 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

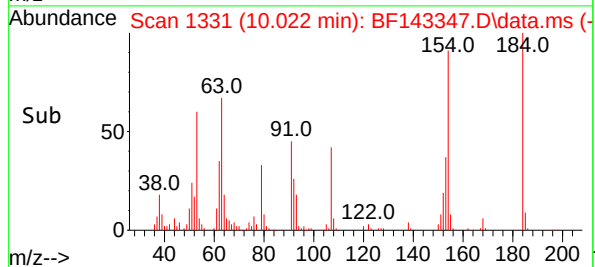
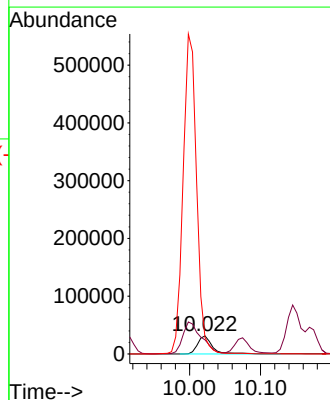
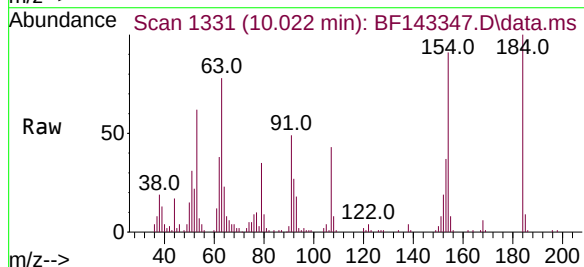
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

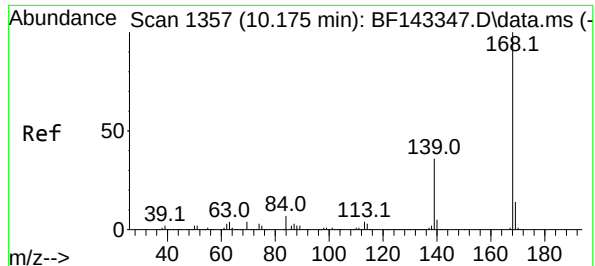
Tgt Ion:138 Resp: 180447
Ion Ratio Lower Upper
138 100
108 12.0 9.6 14.4
92 116.8 93.4 140.2



#54
2,4-Dinitrophenol
Concen: 39.434 ng
RT: 10.022 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion:184 Resp: 45578
Ion Ratio Lower Upper
184 100
63 78.1 62.5 93.7
154 91.2 73.0 109.4





#55

Dibenzenofuran

Concen: 39.267 ng

RT: 10.175 min Scan# 1357

Delta R.T. 0.000 min

Lab File: BF143347.D

Acq: 12 Aug 2025 11:06

Instrument :

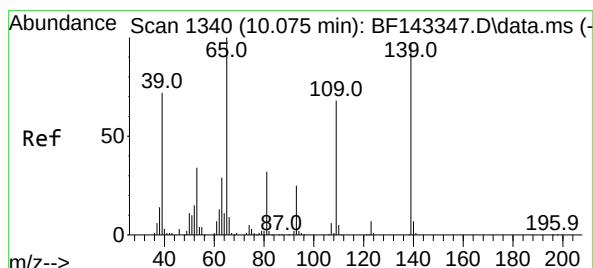
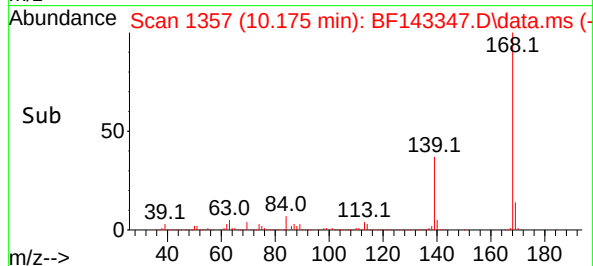
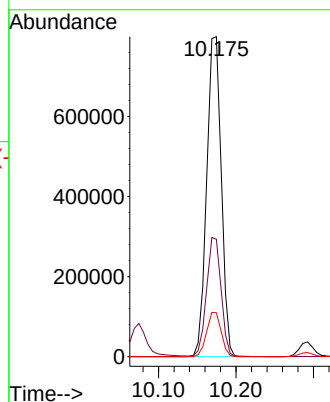
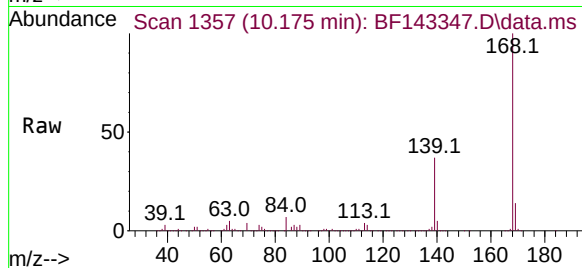
BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:168 Resp: 1043986

Ion	Ratio	Lower	Upper
168	100		
139	36.7	29.4	44.0
169	13.8	11.0	16.6



#56

4-Nitrophenol

Concen: 39.132 ng

RT: 10.075 min Scan# 1340

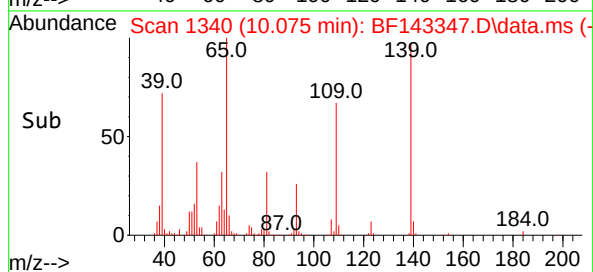
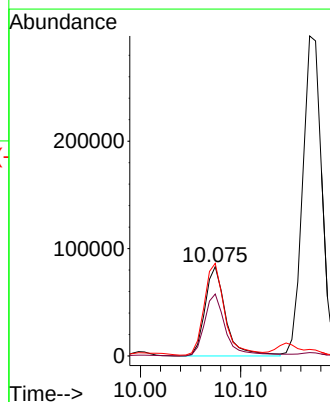
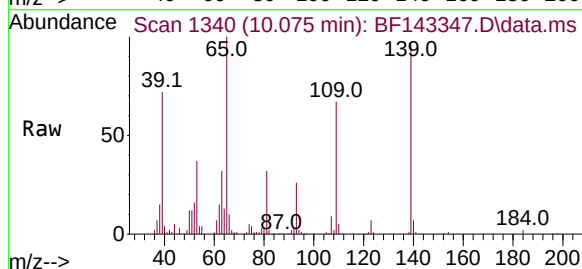
Delta R.T. -0.000 min

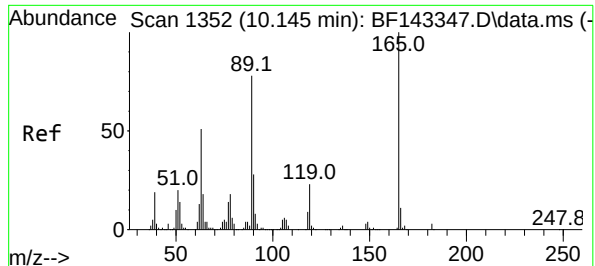
Lab File: BF143347.D

Acq: 12 Aug 2025 11:06

Tgt Ion:139 Resp: 119387

Ion	Ratio	Lower	Upper
139	100		
109	69.4	49.4	89.4
65	103.7	83.7	123.7

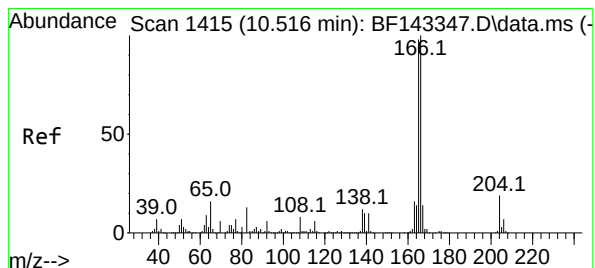
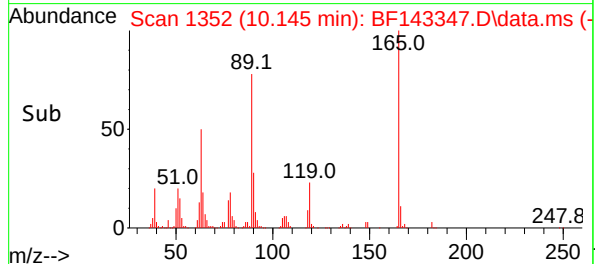
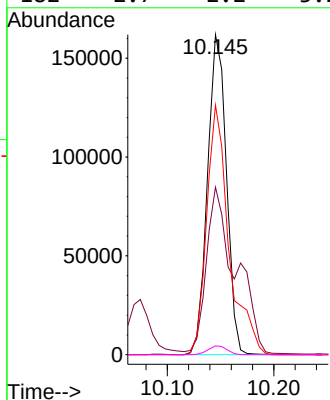
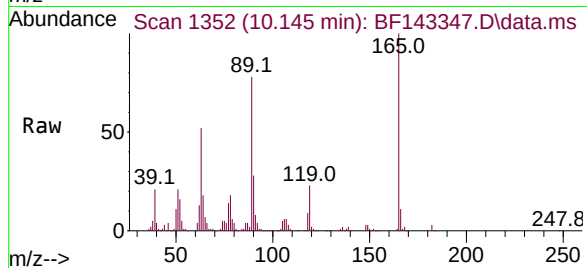




#57
2,4-Dinitrotoluene
Concen: 39.946 ng
RT: 10.145 min Scan# 1352
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

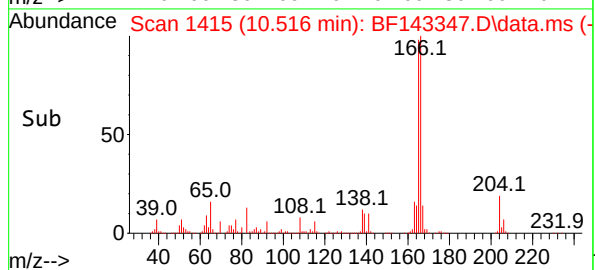
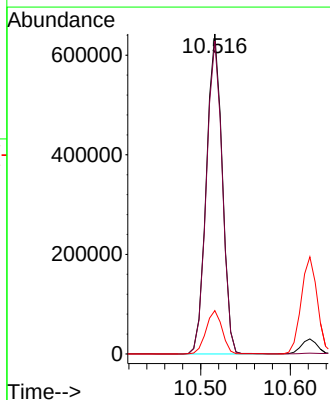
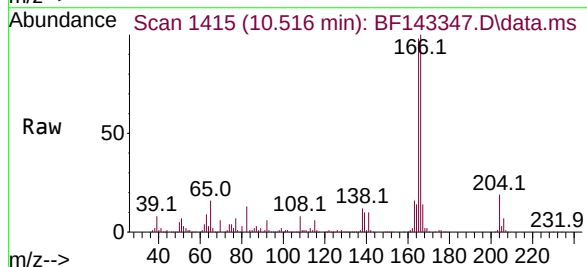
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

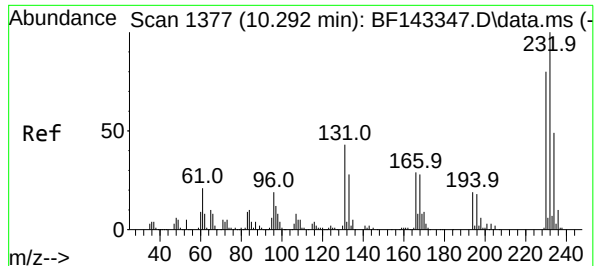
Tgt Ion:165 Resp: 199781
Ion Ratio Lower Upper
165 100
63 52.3 41.8 62.8
89 78.0 62.4 93.6
182 2.7 2.2 3.2



#58
Fluorene
Concen: 38.860 ng
RT: 10.516 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion:166 Resp: 789149
Ion Ratio Lower Upper
166 100
165 97.8 78.2 117.4
167 13.6 10.9 16.3

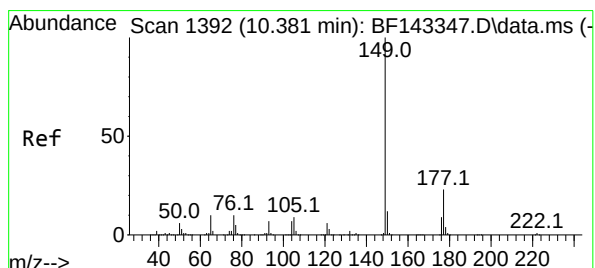
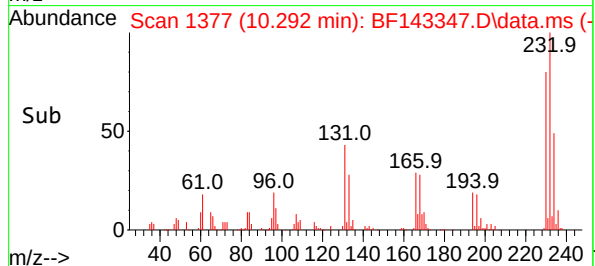
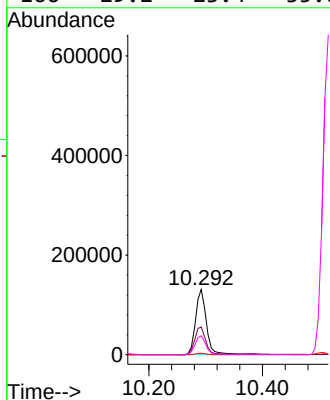
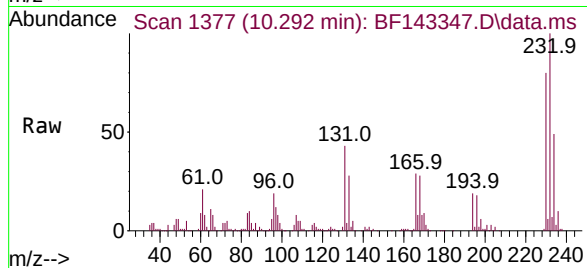




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.137 ng
RT: 10.292 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

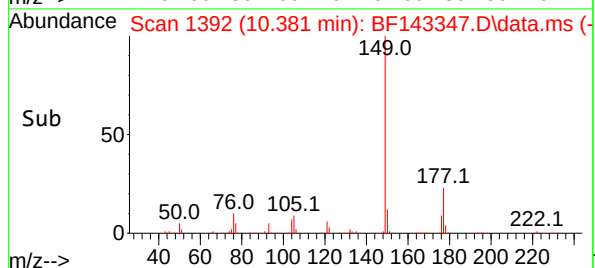
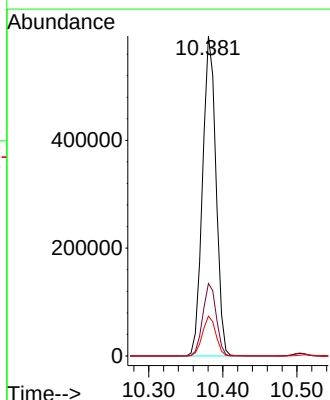
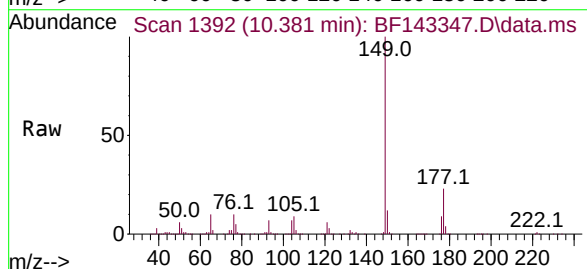
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

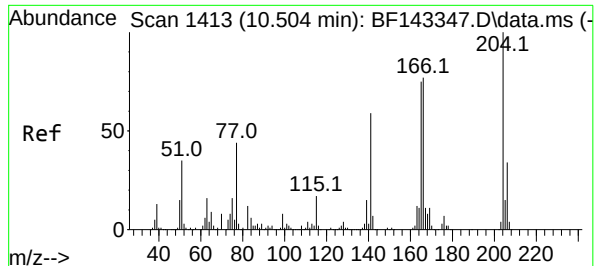
Tgt Ion:232 Resp: 176166
Ion Ratio Lower Upper
232 100
131 43.2 34.6 51.8
130 2.1 1.7 2.5
166 29.2 23.4 35.0



#60
Diethylphthalate
Concen: 41.295 ng
RT: 10.381 min Scan# 1392
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion:149 Resp: 746813
Ion Ratio Lower Upper
149 100
177 22.7 18.2 27.2
150 12.4 9.9 14.9

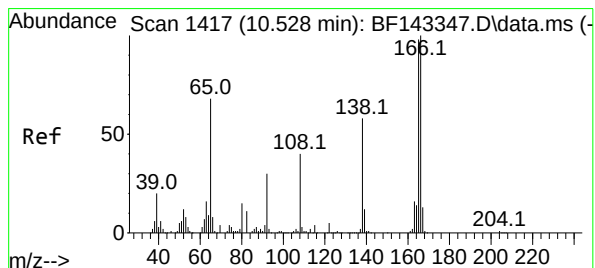
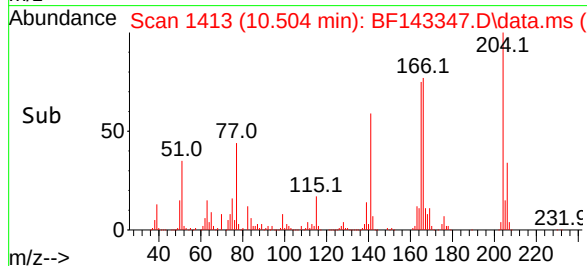
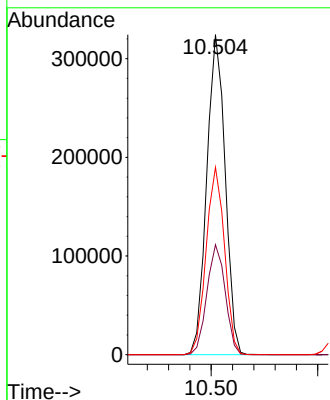
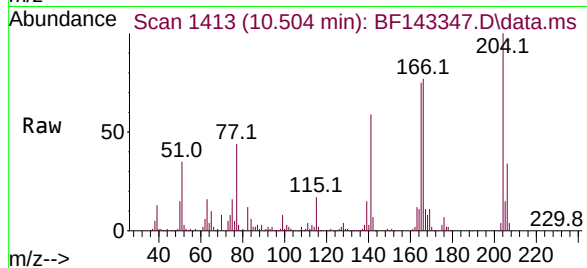




#61
4-Chlorophenyl-phenylether
Concen: 39.656 ng
RT: 10.504 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

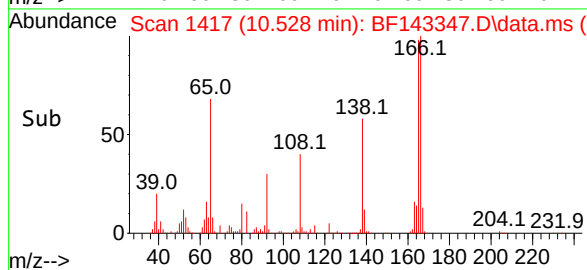
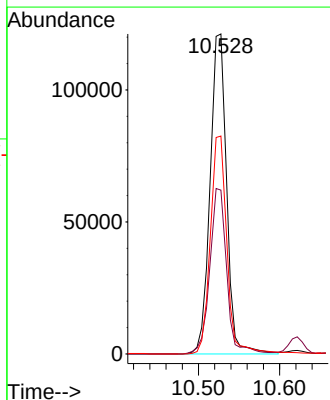
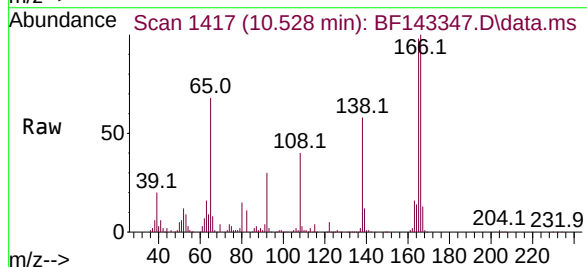
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

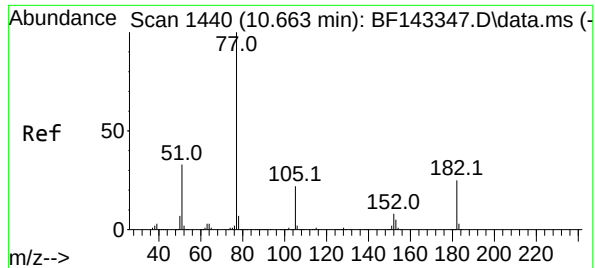
Tgt Ion:204 Resp: 389122
Ion Ratio Lower Upper
204 100
206 34.3 27.4 41.2
141 58.6 46.9 70.3



#62
4-Nitroaniline
Concen: 42.946 ng
RT: 10.528 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion:138 Resp: 171799
Ion Ratio Lower Upper
138 100
92 51.2 31.2 71.2
108 68.1 48.1 88.1

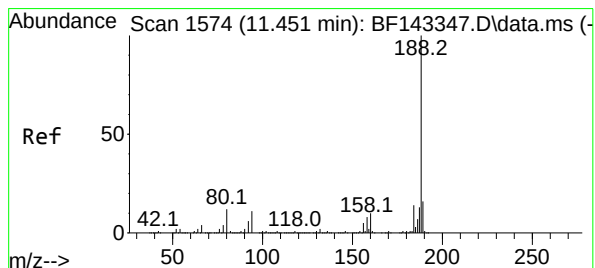
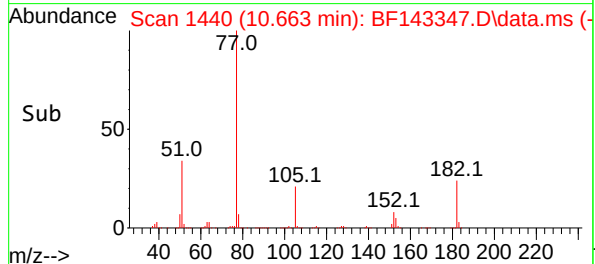
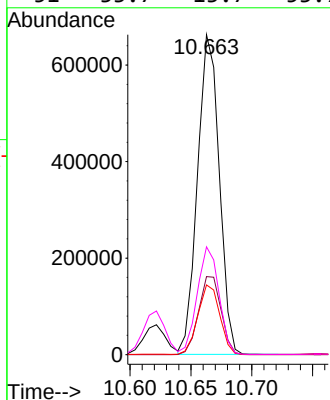
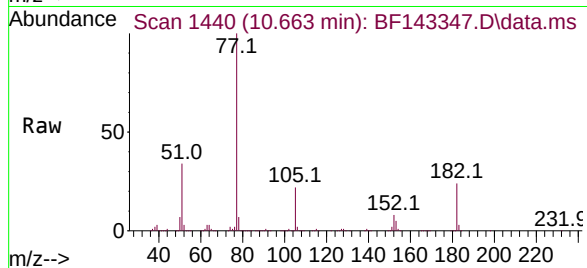




#63
Azobenzene
Concen: 39.906 ng
RT: 10.663 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

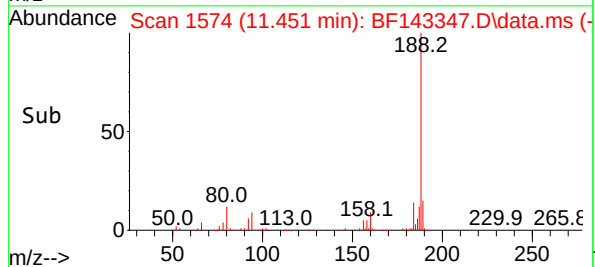
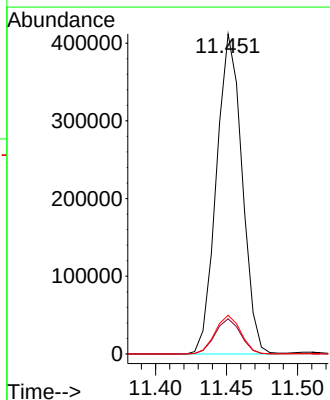
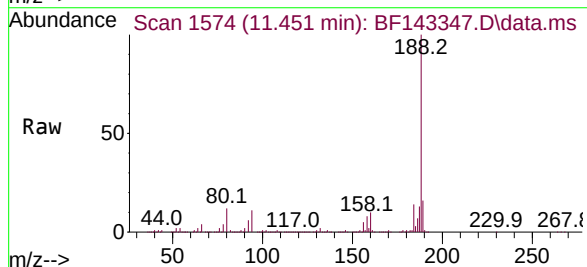
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

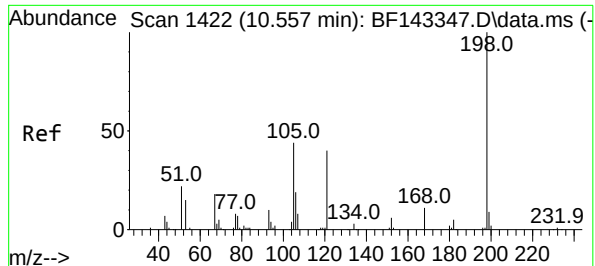
Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.4	4.4	44.4
105	21.8	1.8	41.8
51	33.7	13.7	53.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.8	13.2
80	12.1	9.7	14.5

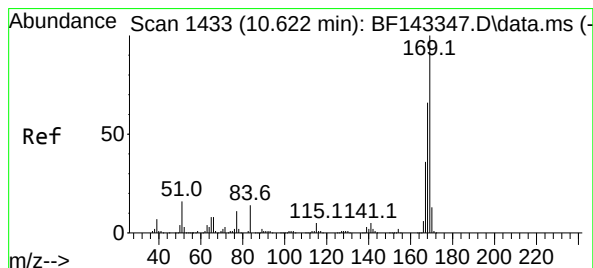
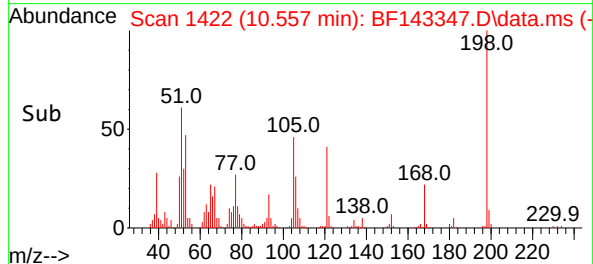
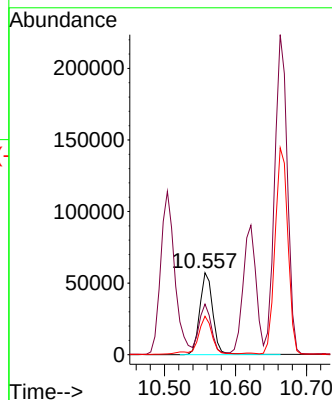
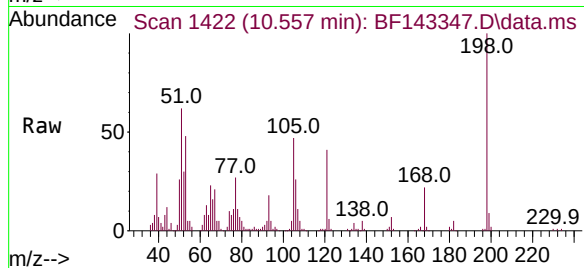




#65
4,6-Dinitro-2-methylphenol
Concen: 37.049 ng
RT: 10.557 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

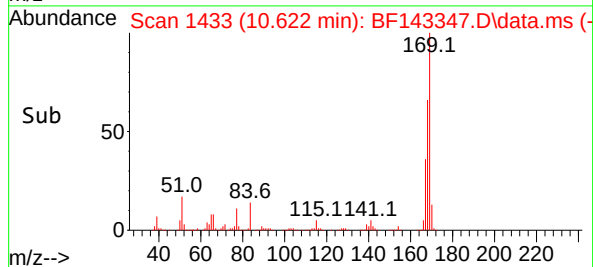
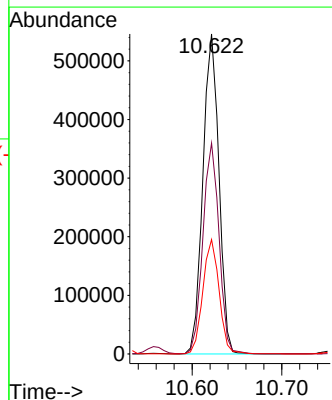
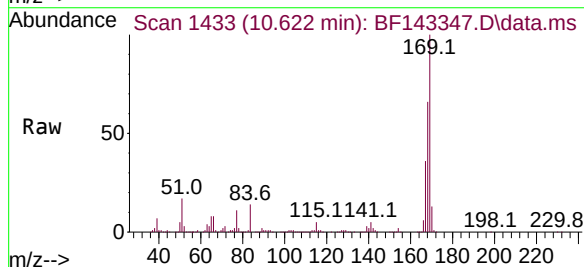
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

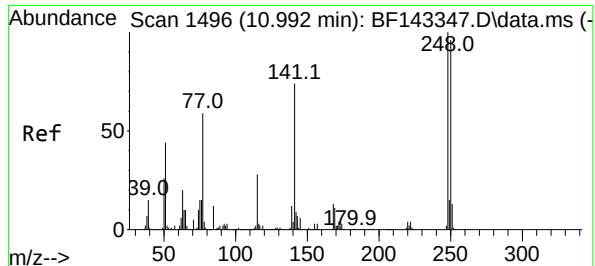
Tgt Ion:198 Resp: 73478
Ion Ratio Lower Upper
198 100
51 61.7 41.7 81.7
105 46.8 26.8 66.8



#66
n-Nitrosodiphenylamine
Concen: 39.800 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion:169 Resp: 678152
Ion Ratio Lower Upper
169 100
168 65.9 52.7 79.1
167 35.7 28.6 42.8

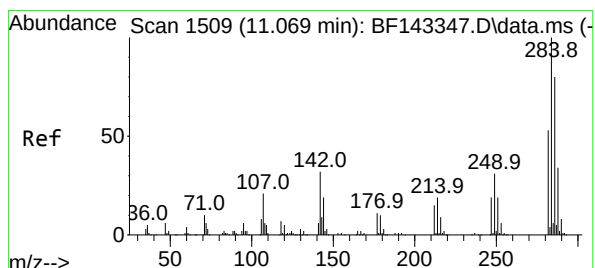
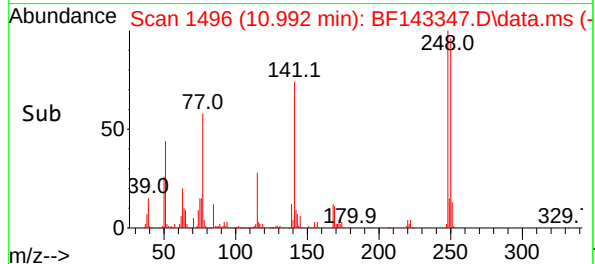
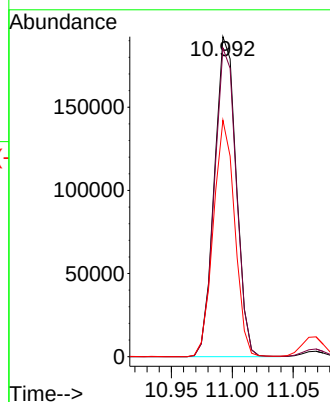
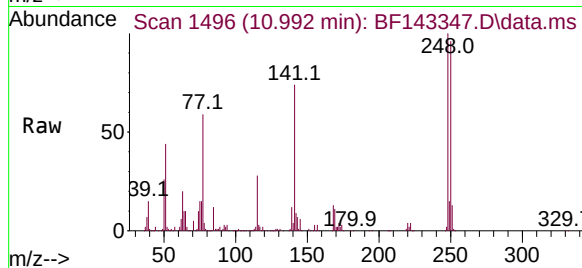




#67
4-Bromophenyl-phenylether
Concen: 40.461 ng
RT: 10.992 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

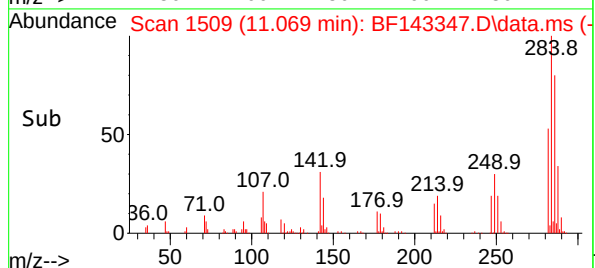
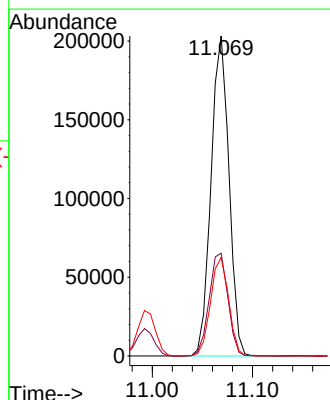
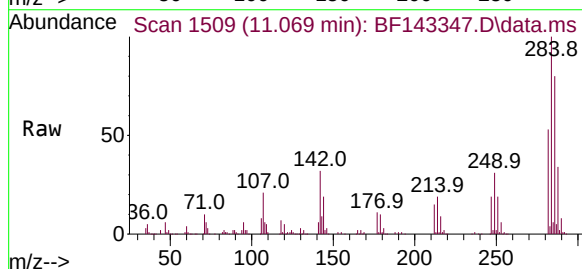
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

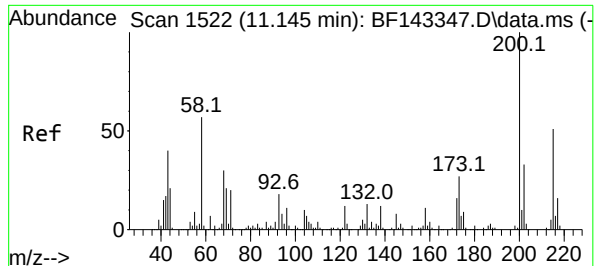
Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.4	77.1	115.7
141	73.9	59.1	88.7



#68
Hexachlorobenzene
Concen: 39.589 ng
RT: 11.069 min Scan# 1509
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.1	25.7	38.5
249	30.8	24.6	37.0





#69

Atrazine

Concen: 41.534 ng

RT: 11.145 min Scan# 1522

Delta R.T. 0.000 min

Lab File: BF143347.D

Acq: 12 Aug 2025 11:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

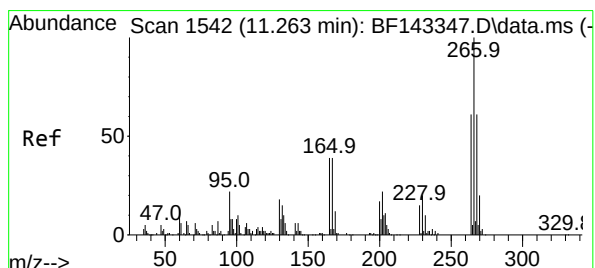
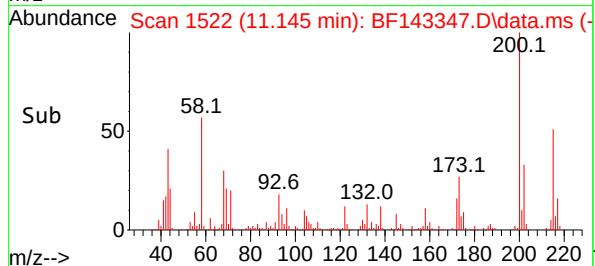
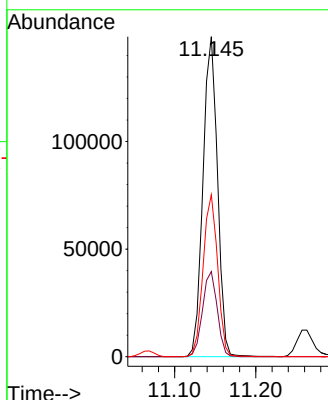
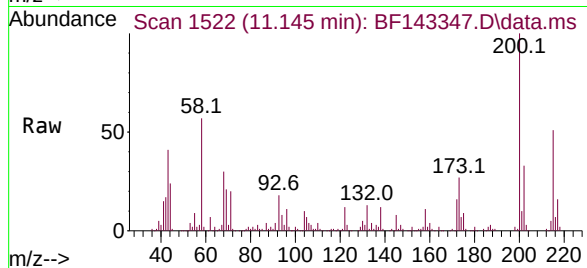
Tgt Ion:200 Resp: 184584

Ion Ratio Lower Upper

200 100

173 26.6 6.6 46.6

215 50.6 30.6 70.6



#70

Pentachlorophenol

Concen: 39.119 ng

RT: 11.263 min Scan# 1542

Delta R.T. -0.000 min

Lab File: BF143347.D

Acq: 12 Aug 2025 11:06

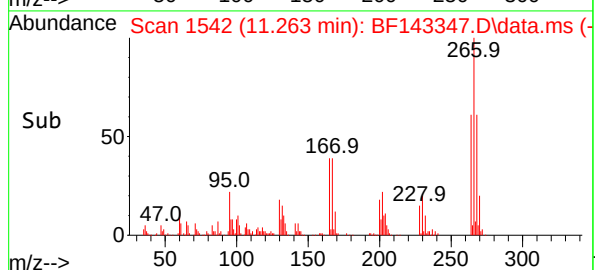
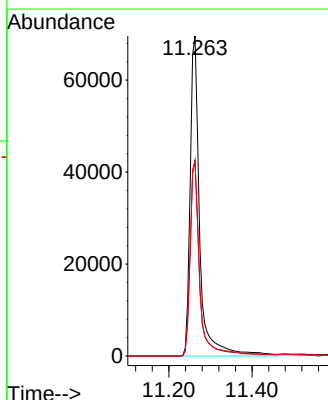
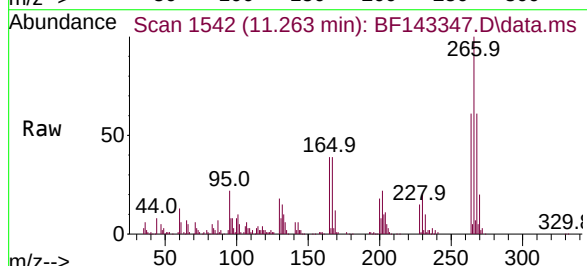
Tgt Ion:266 Resp: 111946

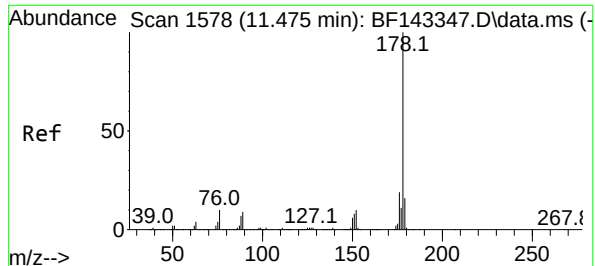
Ion Ratio Lower Upper

266 100

268 61.0 48.8 73.2

264 61.0 48.8 73.2

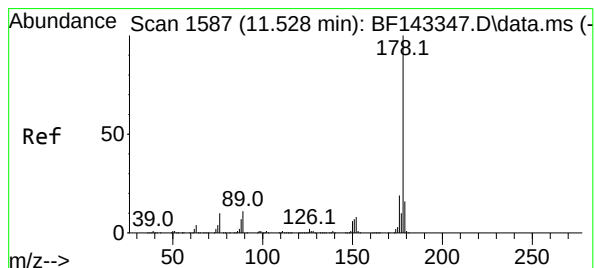
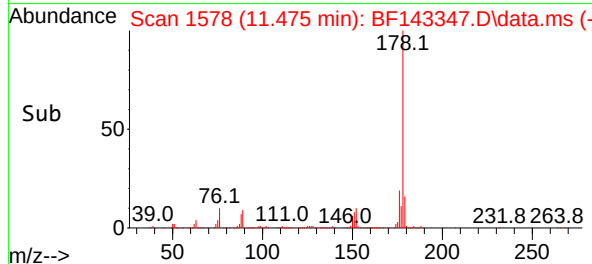
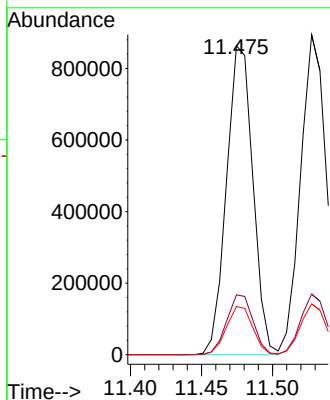
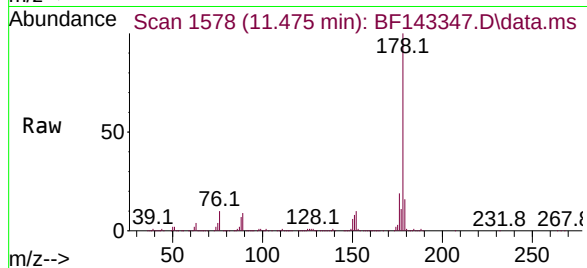




#71
Phenanthrene
Concen: 39.627 ng
RT: 11.475 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

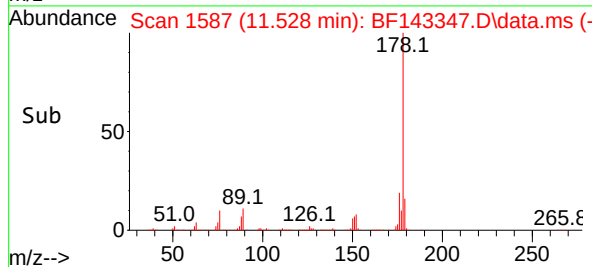
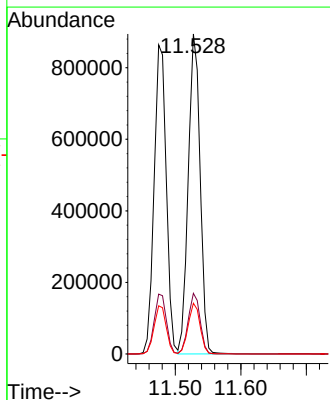
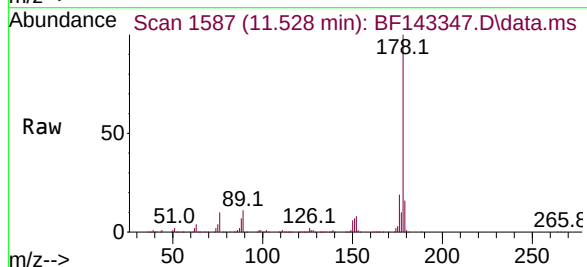
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

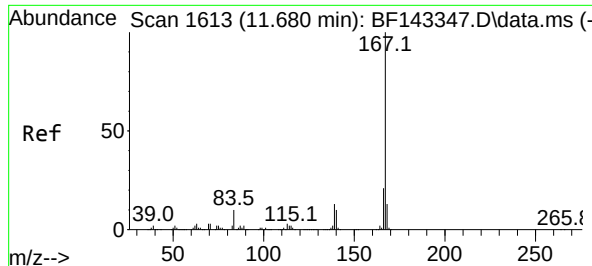
Tgt Ion:178 Resp: 1118795
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.6 12.5 18.7



#72
Anthracene
Concen: 39.327 ng
RT: 11.528 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion:178 Resp: 1126030
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.9 12.7 19.1

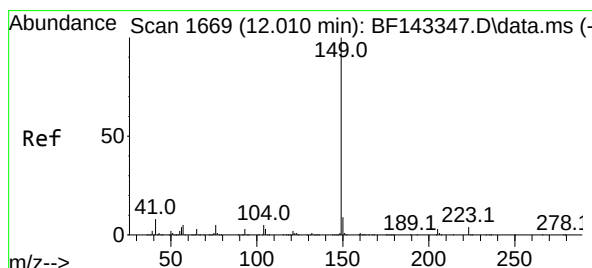
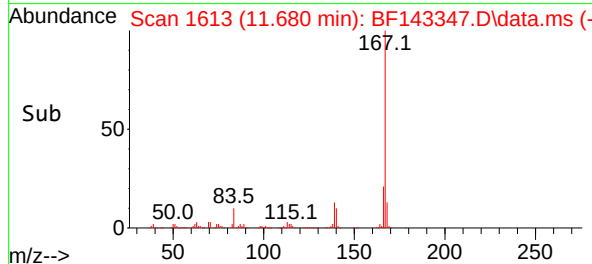
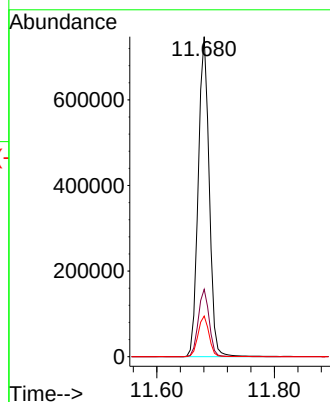
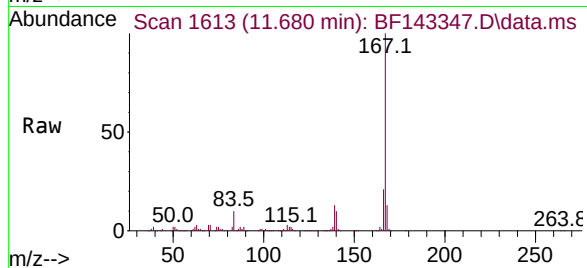




#73
Carbazole
Concen: 39.637 ng
RT: 11.680 min Scan# 1613
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

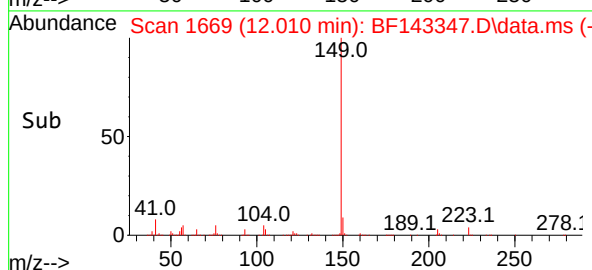
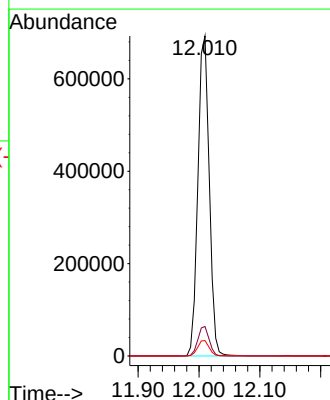
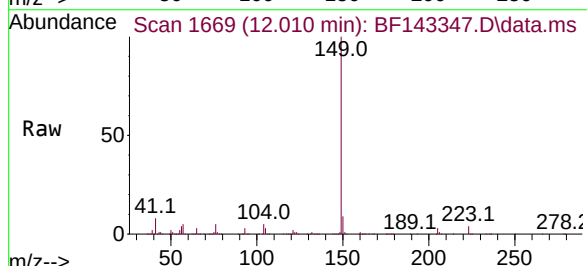
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

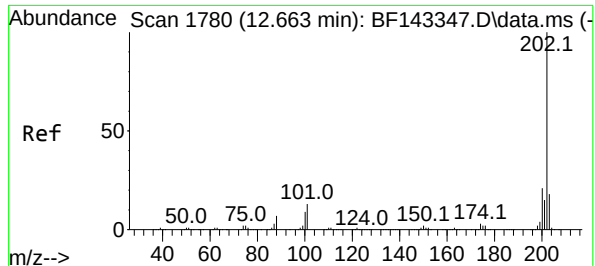
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.0	16.8	25.2
139	12.7	10.2	15.2



#74
Di-n-butylphthalate
Concen: 43.346 ng
RT: 12.010 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	4.8	3.8	5.8

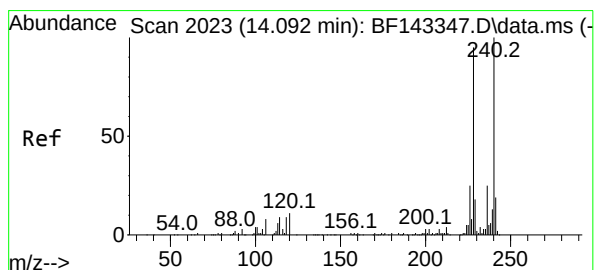
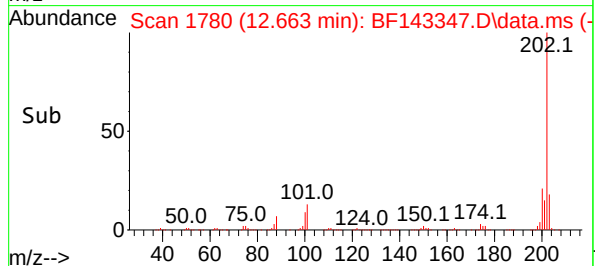
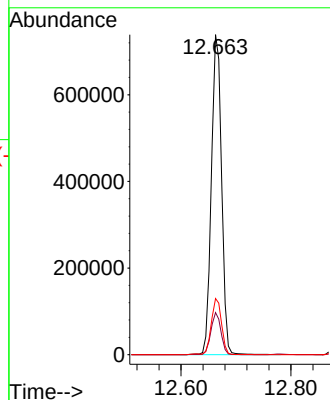
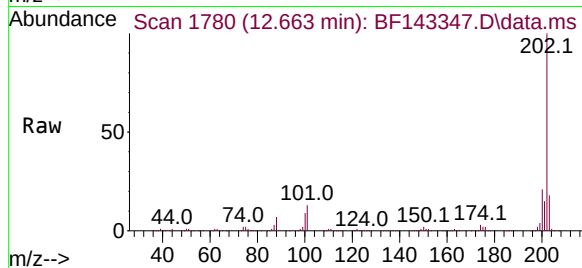




#75
Fluoranthene
Concen: 38.386 ng
RT: 12.663 min Scan# 1780
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

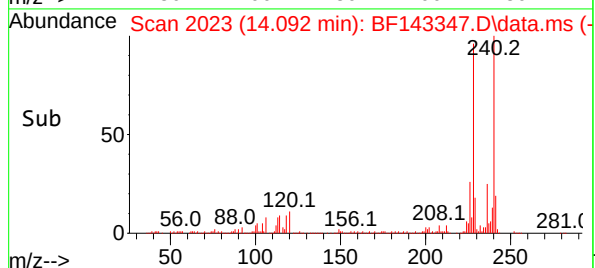
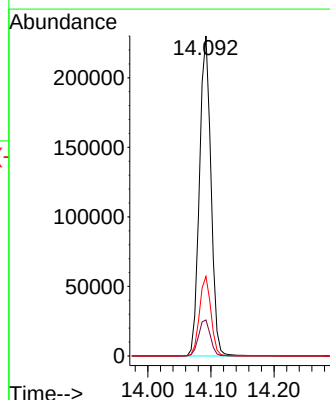
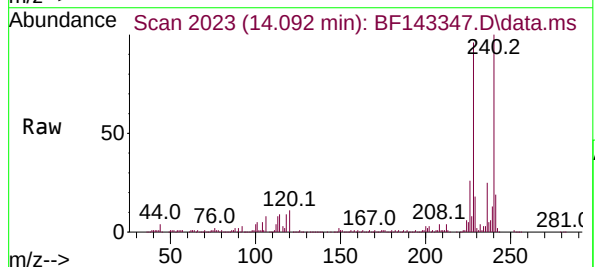
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

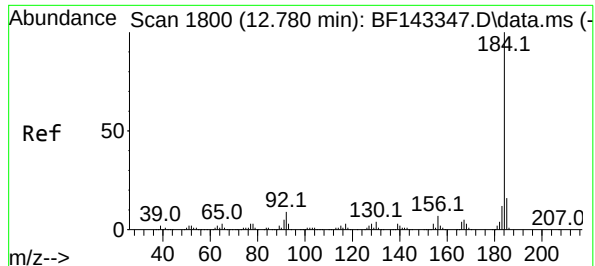
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	33.2
203	17.6	0.0	37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.0	13.6
236	24.9	19.9	29.9





#77

Benzidine

Concen: 43.261 ng

RT: 12.780 min Scan# 1800

Delta R.T. 0.000 min

Lab File: BF143347.D

Acq: 12 Aug 2025 11:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

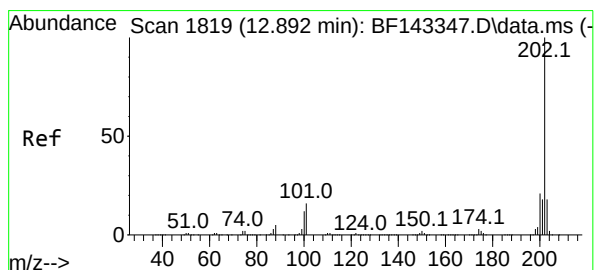
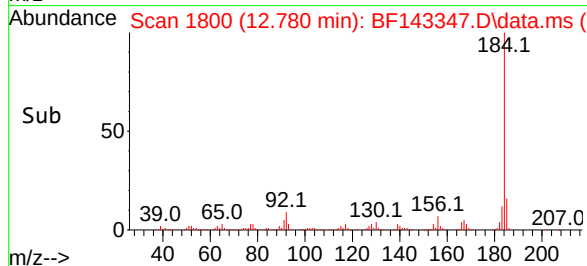
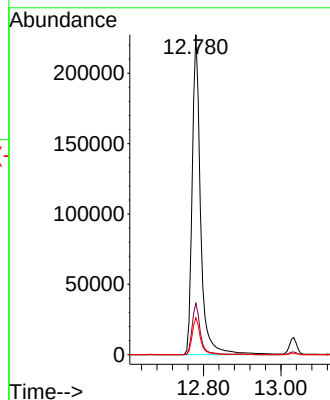
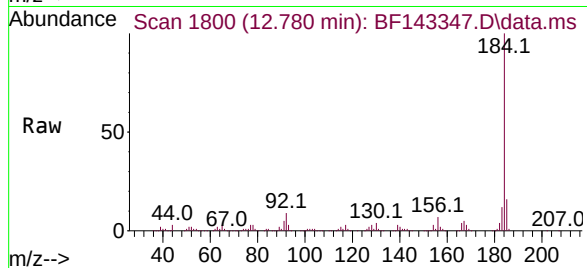
Tgt Ion:184 Resp: 343155

Ion Ratio Lower Upper

184 100

185 16.0 12.8 19.2

183 11.6 9.3 13.9



#78

Pyrene

Concen: 39.593 ng

RT: 12.892 min Scan# 1819

Delta R.T. 0.000 min

Lab File: BF143347.D

Acq: 12 Aug 2025 11:06

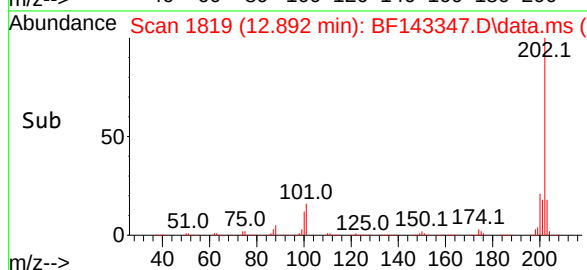
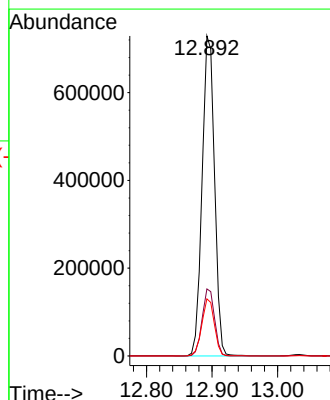
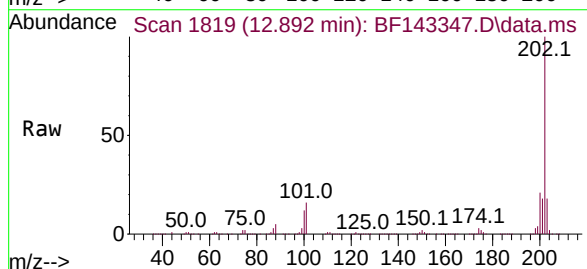
Tgt Ion:202 Resp: 963681

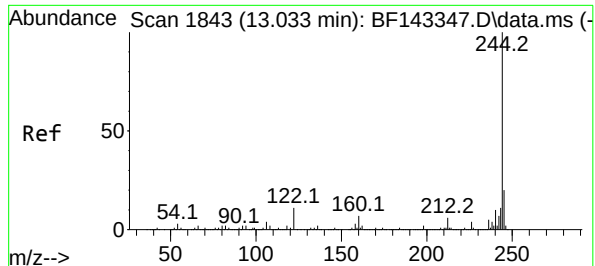
Ion Ratio Lower Upper

202 100

200 21.0 16.8 25.2

203 17.8 14.2 21.4

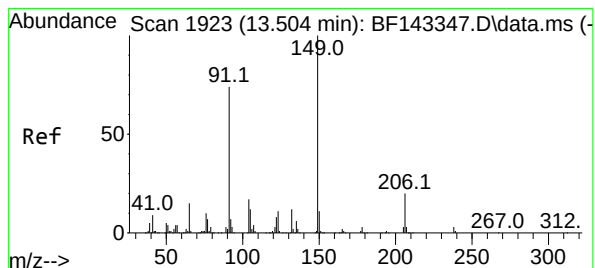
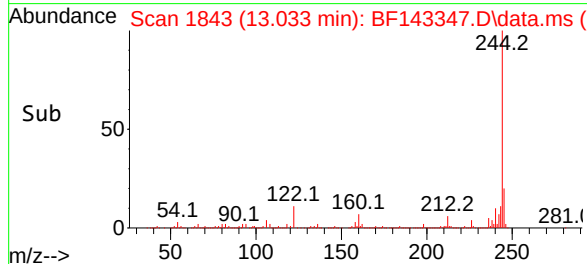
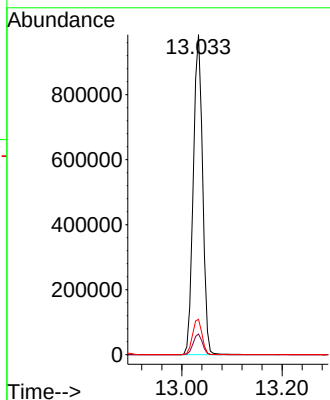
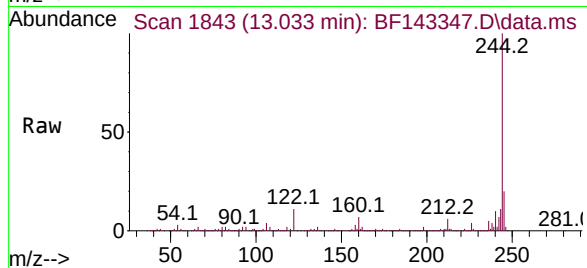




#79
Terphenyl-d14
Concen: 77.745 ng
RT: 13.033 min Scan# 1843
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

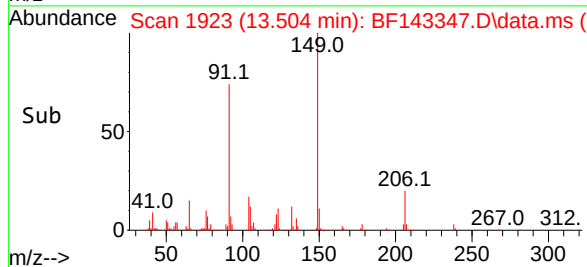
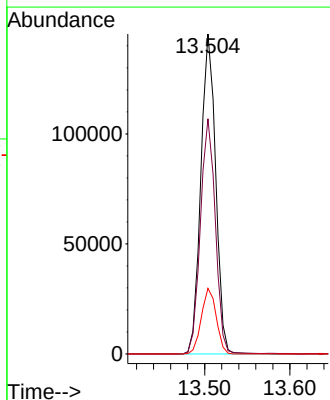
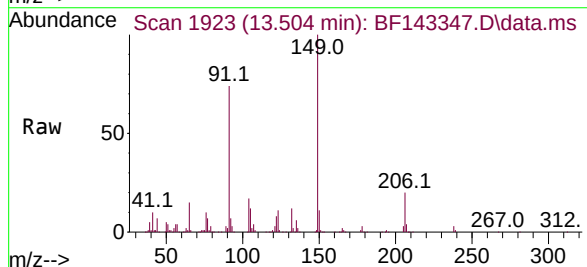
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

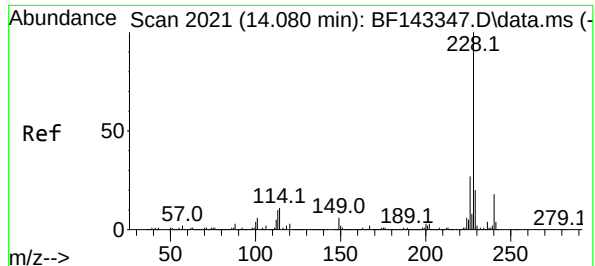
Tgt Ion:244 Resp: 1263446
Ion Ratio Lower Upper
244 100
212 6.4 5.1 7.7
122 11.1 8.9 13.3



#80
Butylbenzylphthalate
Concen: 37.368 ng
RT: 13.504 min Scan# 1923
Delta R.T. -0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion:149 Resp: 175897
Ion Ratio Lower Upper
149 100
91 73.5 58.8 88.2
206 20.5 16.4 24.6





#81

Benzo(a)anthracene

Concen: 39.595 ng

RT: 14.080 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF143347.D

Acq: 12 Aug 2025 11:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

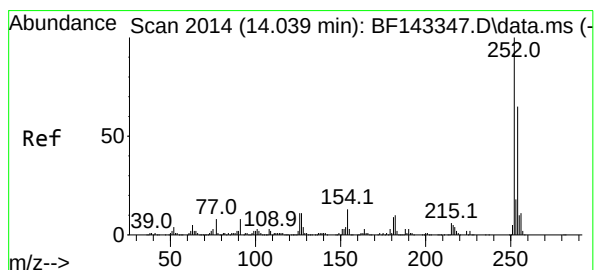
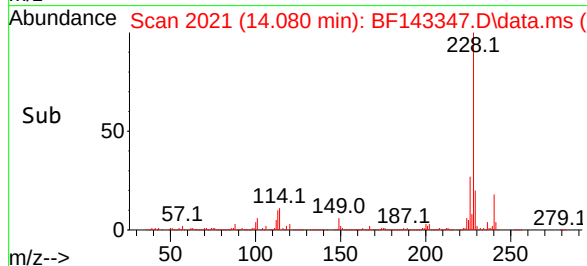
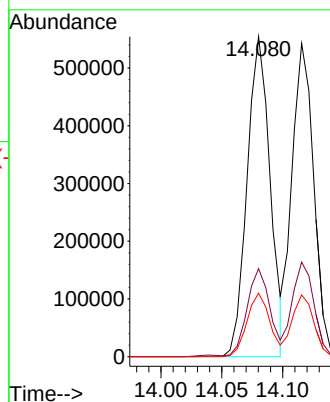
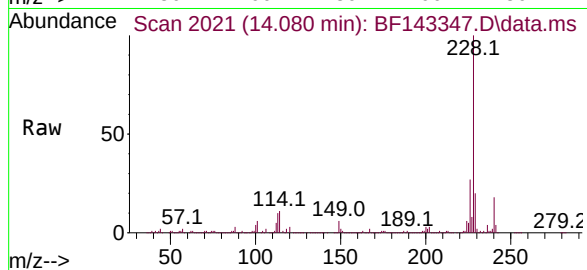
Tgt Ion:228 Resp: 730158

Ion Ratio Lower Upper

228 100

226 27.5 22.0 33.0

229 19.8 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 42.421 ng

RT: 14.039 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF143347.D

Acq: 12 Aug 2025 11:06

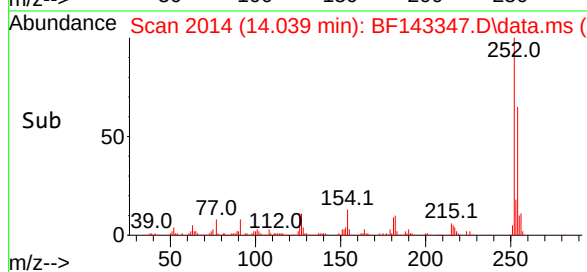
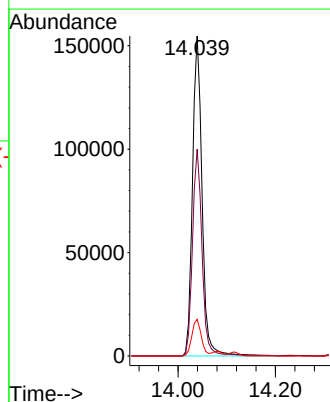
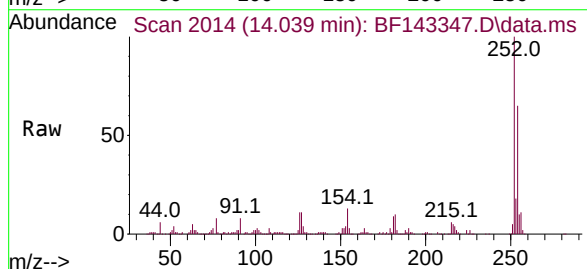
Tgt Ion:252 Resp: 211236

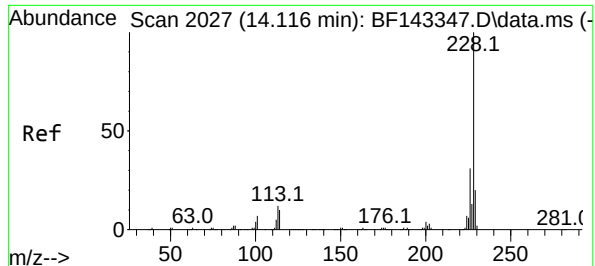
Ion Ratio Lower Upper

252 100

254 64.6 51.7 77.5

126 11.5 9.2 13.8

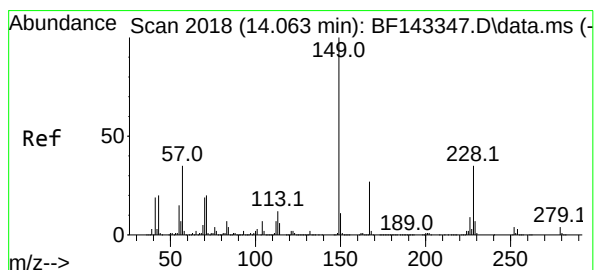
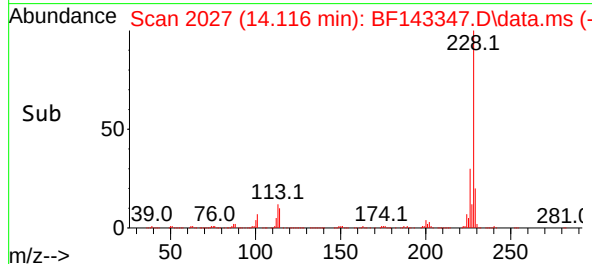
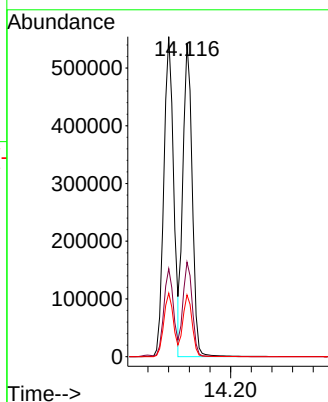
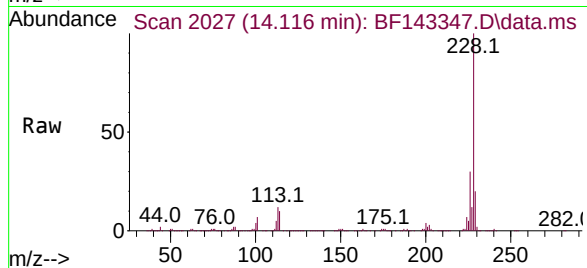




#83
Chrysene
Concen: 39.653 ng
RT: 14.116 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

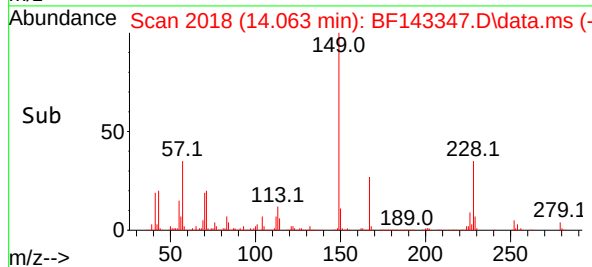
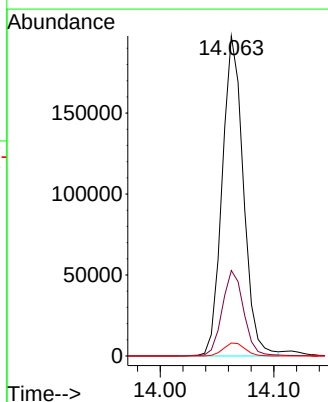
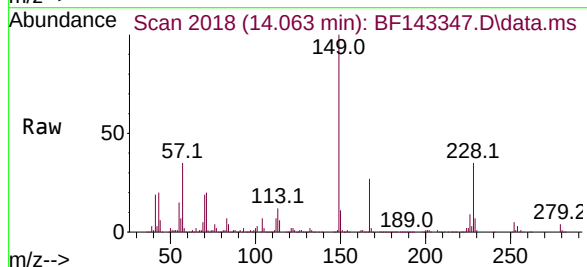
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

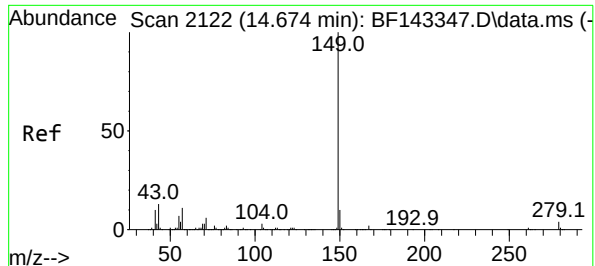
Tgt Ion:228 Resp: 681835
Ion Ratio Lower Upper
228 100
226 30.2 24.2 36.2
229 19.7 15.8 23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 37.186 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion:149 Resp: 256146
Ion Ratio Lower Upper
149 100
167 26.7 21.4 32.0
279 4.0 3.2 4.8

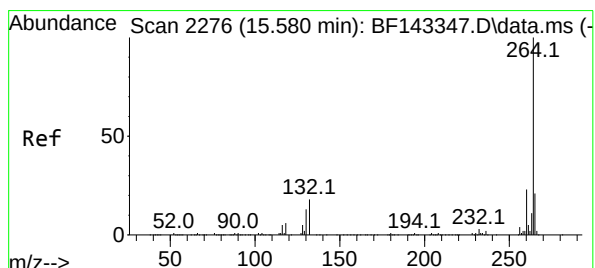
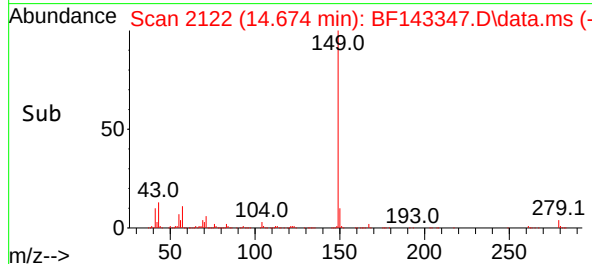
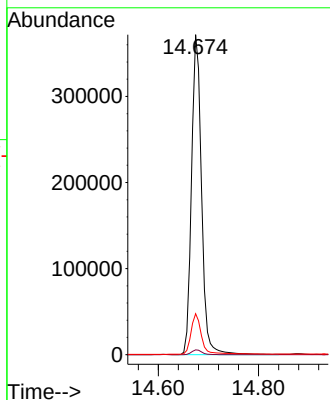
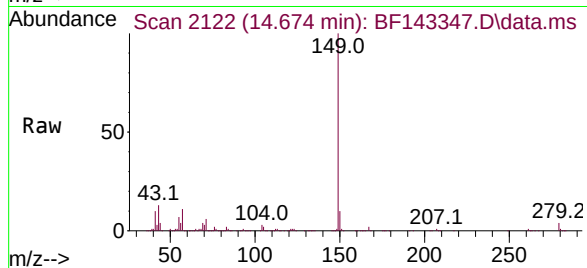




#85
Di-n-octyl phthalate
Concen: 38.008 ng
RT: 14.674 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

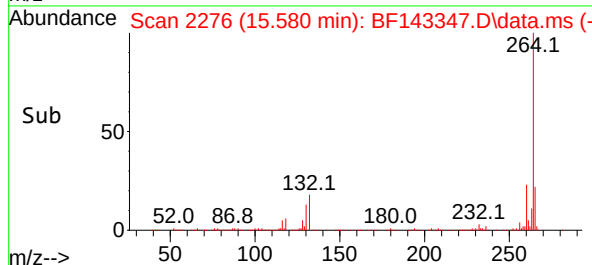
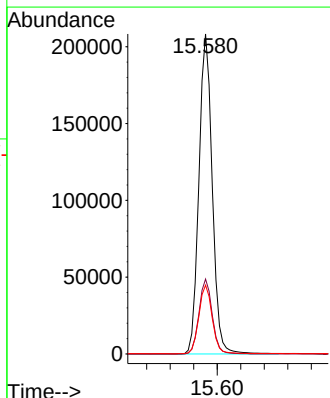
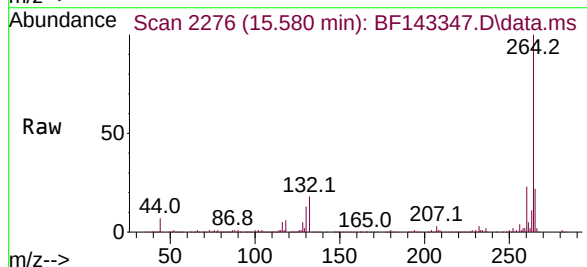
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

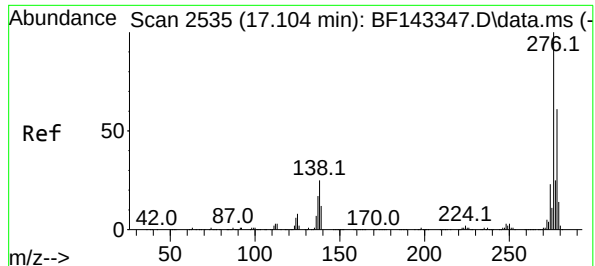
Tgt Ion:149 Resp: 515170
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.5 10.8 16.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2276
Delta R.T. 0.000 min
Lab File: BF143347.D
Acq: 12 Aug 2025 11:06

Tgt Ion:264 Resp: 328158
Ion Ratio Lower Upper
264 100
260 23.4 18.7 28.1
265 21.5 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.445 ng

RT: 17.104 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF143347.D

Acq: 12 Aug 2025 11:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

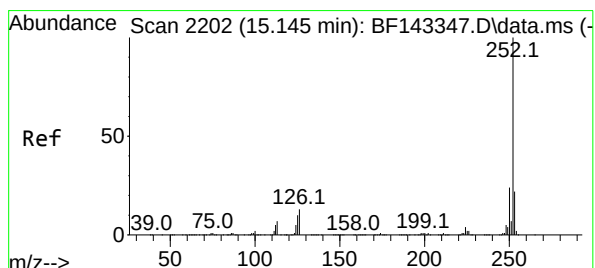
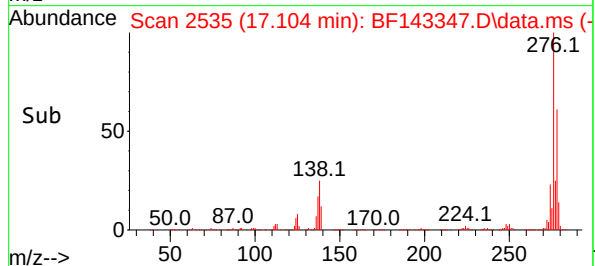
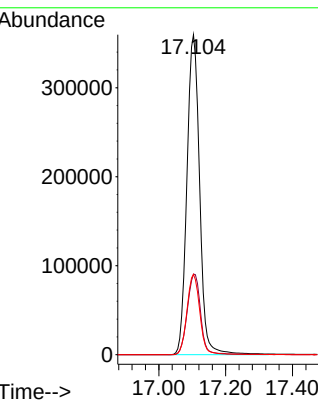
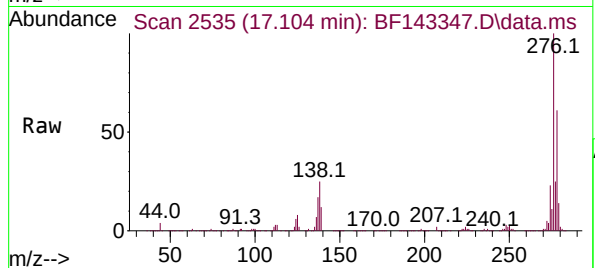
Tgt Ion:276 Resp: 950872

Ion Ratio Lower Upper

276 100

138 26.4 21.1 31.7

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 40.879 ng

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: BF143347.D

Acq: 12 Aug 2025 11:06

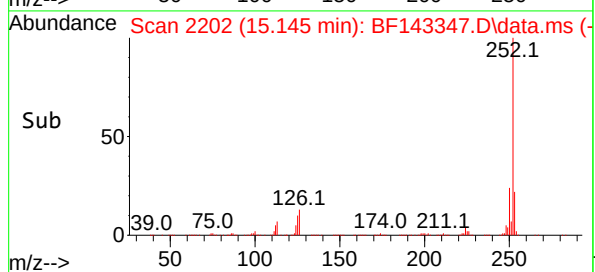
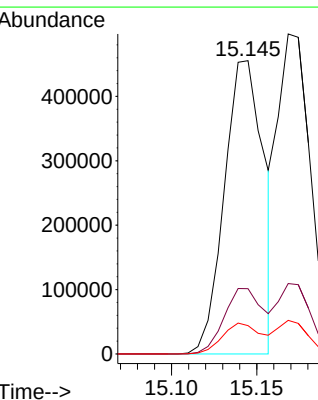
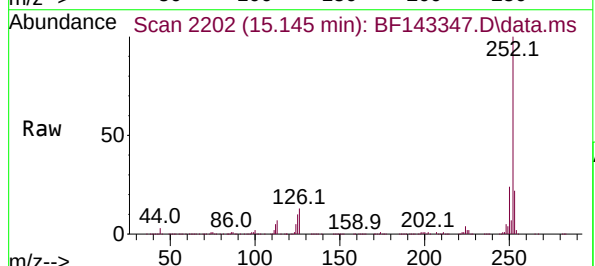
Tgt Ion:252 Resp: 733725

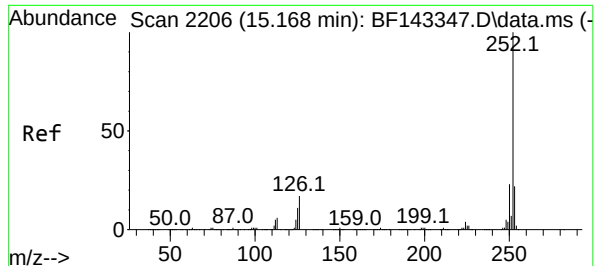
Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

125 9.7 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 38.970 ng

RT: 15.168 min Scan# 2206

Delta R.T. 0.000 min

Lab File: BF143347.D

Acq: 12 Aug 2025 11:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

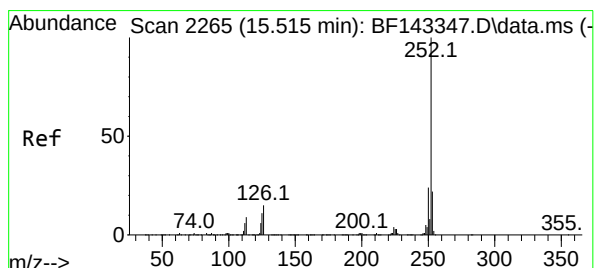
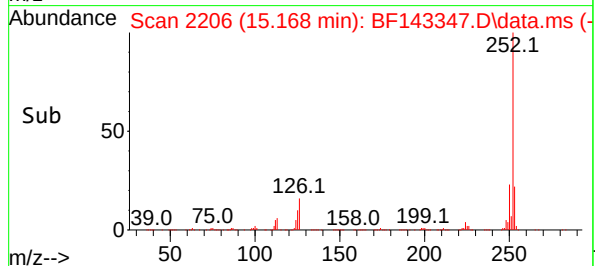
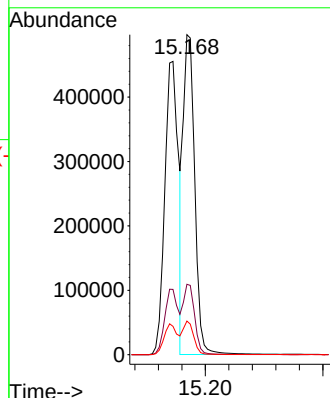
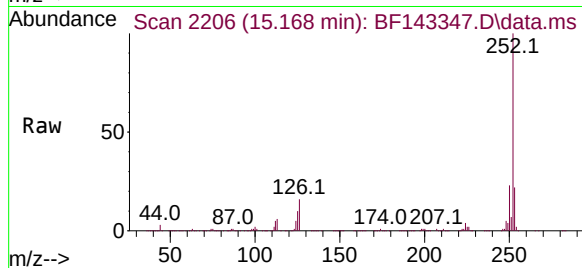
Tgt Ion:252 Resp: 679660

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 10.5 8.4 12.6



#90

Benzo(a)pyrene

Concen: 40.124 ng

RT: 15.515 min Scan# 2265

Delta R.T. 0.000 min

Lab File: BF143347.D

Acq: 12 Aug 2025 11:06

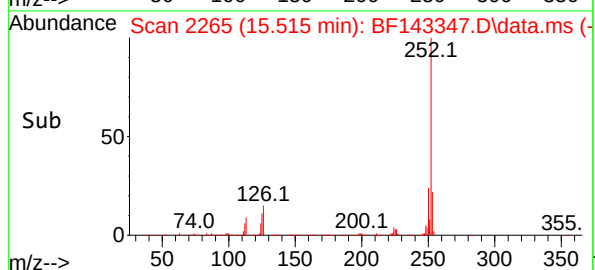
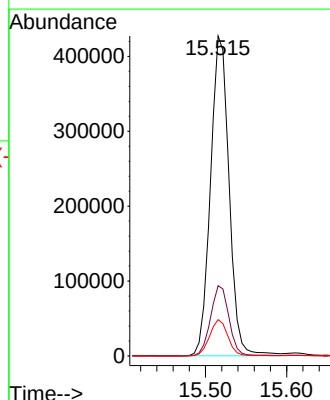
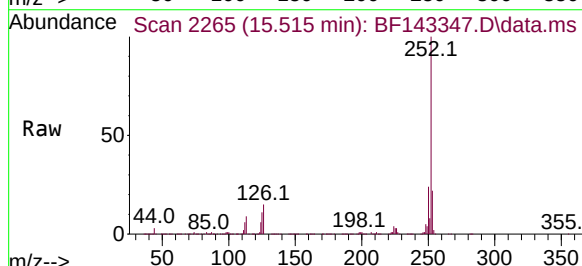
Tgt Ion:252 Resp: 678288

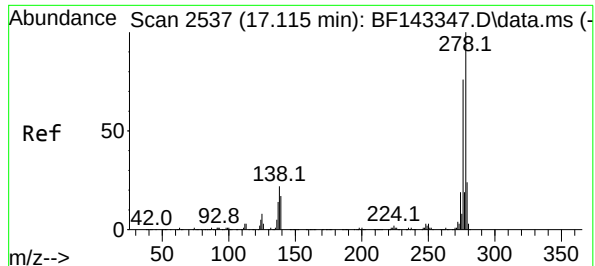
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 11.4 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 40.870 ng

RT: 17.115 min Scan# 2537

Delta R.T. 0.000 min

Lab File: BF143347.D

Acq: 12 Aug 2025 11:06

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

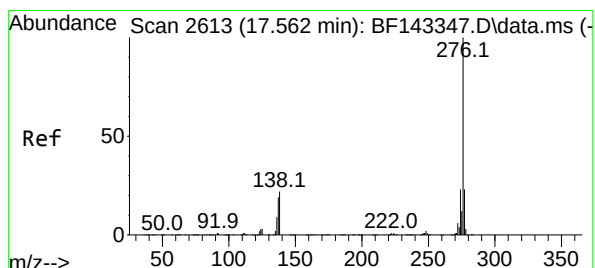
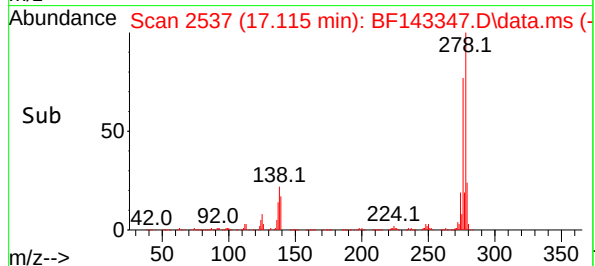
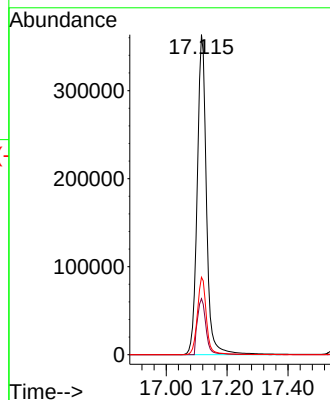
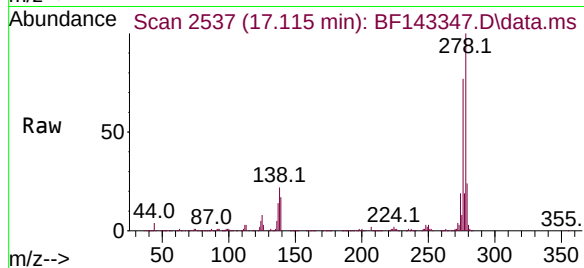
Tgt Ion:278 Resp: 767630

Ion Ratio Lower Upper

278 100

139 17.5 14.0 21.0

279 24.2 19.4 29.0



#92

Benzo(g,h,i)perylene

Concen: 40.549 ng

RT: 17.562 min Scan# 2613

Delta R.T. 0.000 min

Lab File: BF143347.D

Acq: 12 Aug 2025 11:06

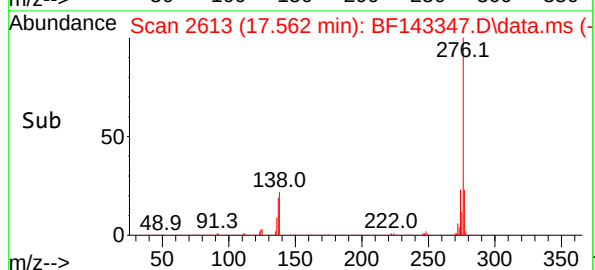
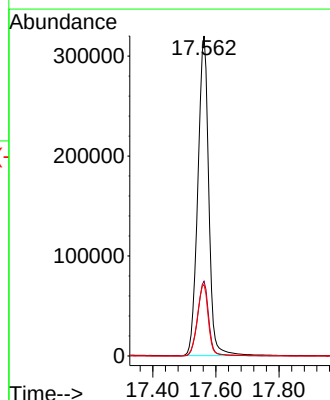
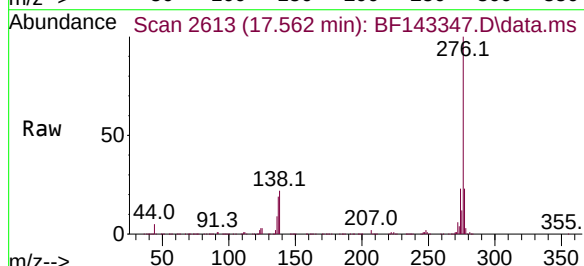
Tgt Ion:276 Resp: 767224

Ion Ratio Lower Upper

276 100

277 23.4 18.7 28.1

138 22.3 17.8 26.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
 Data File : BF143348.D
 Acq On : 12 Aug 2025 11:37
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Aug 12 13:19:58 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 12 13:02:27 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	164745	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	635446	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	333763	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	492512	20.000	ng	0.00
76) Chrysene-d12	14.092	240	286106	20.000	ng	0.00
86) Perylene-d12	15.580	264	342458	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	941847	98.862	ng	0.00
7) Phenol-d6	6.563	99	1192312	97.594	ng	0.00
23) Nitrobenzene-d5	7.493	82	1041552	102.072	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	266796	109.378	ng	0.00
45) 2-Fluorobiphenyl	9.287	172	1769302	89.893	ng	0.00
79) Terphenyl-d14	13.033	244	1395642	87.090	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.763	88	243901	49.475	ng	100
3) Pyridine	3.534	79	668266	50.870	ng	99
4) n-Nitrosodimethylamine	3.475	42	313754	51.272	ng	99
6) Aniline	6.593	93	835697	48.521	ng	97
8) 2-Chlorophenol	6.722	128	510568	50.155	ng	97
9) Benzaldehyde	6.481	77	360210	44.609	ng	99
10) Phenol	6.581	94	708845	48.977	ng	86
11) bis(2-Chloroethyl)ether	6.663	93	515652	48.342	ng	99
12) 1,3-Dichlorobenzene	6.875	146	561710	47.838	ng	99
13) 1,4-Dichlorobenzene	6.951	146	564115	47.868	ng	99
14) 1,2-Dichlorobenzene	7.104	146	533226	47.666	ng	99
15) Benzyl Alcohol	7.069	79	439125	50.143	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	911815	47.882	ng	97
17) 2-Methylphenol	7.181	107	426865	49.676	ng	99
18) Hexachloroethane	7.445	117	185051	50.086	ng	99
19) n-Nitroso-di-n-propyla...	7.340	70	355609	47.107	ng	99
20) 3+4-Methylphenols	7.334	107	505153	48.609	ng	95
22) Acetophenone	7.340	105	642443	45.886	ng	97
24) Nitrobenzene	7.510	77	558404	50.388	ng	99
25) Isophorone	7.751	82	995651	47.796	ng	99
26) 2-Nitrophenol	7.828	139	213083	47.982	ng	99
27) 2,4-Dimethylphenol	7.863	122	436419	50.217	ng	99
28) bis(2-Chloroethoxy)met...	7.957	93	608760	47.865	ng	100
29) 2,4-Dichlorophenol	8.069	162	428530	50.485	ng	99
30) 1,2,4-Trichlorobenzene	8.151	180	427946	47.795	ng	99
31) Naphthalene	8.234	128	1431280	46.809	ng	100
32) Benzoic acid	7.981	122	191072	49.943	ng	95
33) 4-Chloroaniline	8.281	127	531257	48.171	ng	100
34) Hexachlorobutadiene	8.357	225	264501	47.488	ng	100
35) Caprolactam	8.651	113	123969	51.952	ng	96
36) 4-Chloro-3-methylphenol	8.763	107	442622	49.741	ng	98
37) 2-Methylnaphthalene	8.928	142	938982	46.712	ng	99
38) 1-Methylnaphthalene	9.028	142	902313	46.606	ng	99
40) 1,2,4,5-Tetrachloroben...	9.092	216	437268	47.877	ng	99
41) Hexachlorocyclopentadiene	9.081	237	143487	47.474	ng	98
43) 2,4,6-Trichlorophenol	9.204	196	273471	52.773	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
 Data File : BF143348.D
 Acq On : 12 Aug 2025 11:37
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Aug 12 13:19:58 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 12 13:02:27 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	303993	51.948	ng	99
46) 1,1'-Biphenyl	9.387	154	1098727	46.558	ng	99
47) 2-Chloronaphthalene	9.416	162	872497	46.944	ng	100
48) 2-Nitroaniline	9.504	65	267630	49.816	ng	99
49) Acenaphthylene	9.828	152	1272878	47.424	ng	100
50) Dimethylphthalate	9.681	163	954560	48.946	ng	100
51) 2,6-Dinitrotoluene	9.745	165	182648	49.400	ng	99
52) Acenaphthene	10.004	154	844612	47.334	ng	100
53) 3-Nitroaniline	9.916	138	220926	55.316	ng	99
54) 2,4-Dinitrophenol	10.022	184	61169	49.460	ng	91
55) Dibenzofuran	10.175	168	1199947	46.725	ng	100
56) 4-Nitrophenol	10.075	139	150114	49.286	ng	99
57) 2,4-Dinitrotoluene	10.145	165	246635	50.215	ng	99
58) Fluorene	10.516	166	910380	46.411	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.292	232	215158	54.543	ng	100
60) Diethylphthalate	10.381	149	865395	49.540	ng	100
61) 4-Chlorophenyl-phenyle...	10.504	204	444383	46.885	ng	99
62) 4-Nitroaniline	10.528	138	207188	53.618	ng	99
63) Azobenzene	10.663	77	957306	47.978	ng	100
65) 4,6-Dinitro-2-methylph...	10.563	198	95307	47.856	ng	94
66) n-Nitrosodiphenylamine	10.622	169	787342	48.549	ng	100
67) 4-Bromophenyl-phenylether	10.998	248	279724	49.660	ng	96
68) Hexachlorobenzene	11.069	284	291915	48.079	ng	99
69) Atrazine	11.145	200	221025	52.254	ng	98
70) Pentachlorophenol	11.263	266	139359	49.342	ng	98
71) Phenanthrene	11.480	178	1258386	46.830	ng	100
72) Anthracene	11.528	178	1284165	47.123	ng	100
73) Carbazole	11.680	167	1082772	46.654	ng	99
74) Di-n-butylphthalate	12.010	149	1008389	51.345	ng	99
75) Fluoranthene	12.663	202	1074315	45.641	ng	99
77) Benzidine	12.780	184	392548	50.186	ng	99
78) Pyrene	12.898	202	1081940	45.078	ng	99
80) Butylbenzylphthalate	13.504	149	229034	48.268	ng	99
81) Benzo(a)anthracene	14.080	228	878814	48.327	ng	99
82) 3,3'-Dichlorobenzidine	14.039	252	267204	54.417	ng	100
83) Chrysene	14.116	228	831682	49.049	ng	99
84) Bis(2-ethylhexyl)phtha...	14.063	149	341876	48.921	ng	98
85) Di-n-octyl phthalate	14.674	149	675816	48.572	ng	99
87) Indeno(1,2,3-cd)pyrene	17.110	276	1191556	48.566	ng	100
88) Benzo(b)fluoranthene	15.145	252	895570	47.812	ng	100
89) Benzo(k)fluoranthene	15.174	252	901937	49.555	ng	99
90) Benzo(a)pyrene	15.521	252	866161	49.098	ng	99
91) Dibenzo(a,h)anthracene	17.121	278	957602	48.855	ng	99
92) Benzo(g,h,i)perylene	17.568	276	962236	48.732	ng	100

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

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

TIC: BF143348.D\data.ms

Abundance

Time-->

1,4-Dioxane

n-Nitrosodimethylamine pyridine,

2-Fluorophenol,S

Phenol,C

Aniline

Benzaldehyde

Bis(2-chloroethoxy)methanol

2-Chlorophenol,C

2,4-Dichlorobenzene,C

1,7-Dibromobenzene,d4,,

Benzyl Chloride

Hexachlorocyclopentadiene

Nitrobenzene-d5,S

Nitrobenzene-d6,S

Acetophenone

Isopropylphenol

Bis(2-chloroethoxy)methanol

Naphthalene

Caprolactam

4-Chloro-3-methylphenol,C

2-Nitrophenol,C

Benzoic acid

Naphthalene-1-thiol

Naphthalene-2-thiol

2,4,5-Trichlorobenzoic acid

2,4,6-Trichlorobenzoic acid

2-Nitroaniline

Dimethylphthalate

Acenaphthylene

Dibenzofuran

Acenaphthene,C

2-Chloronaphthalene,Biphenyl

Fluorene

4-Chlorophenyl phenylether

n-Nitrosodiphenylamine,C

Phenanthrene

Carbazole

Di-n-butylphthalate

Fluoranthene,C

Pyrene

Terphenyl-d14,S

Butylbenzylphthalate

3,3'-Dichlorobenzidine

Diphenylmethane

Benzo(a)anthracene

Di-n-octyl phthalate,c

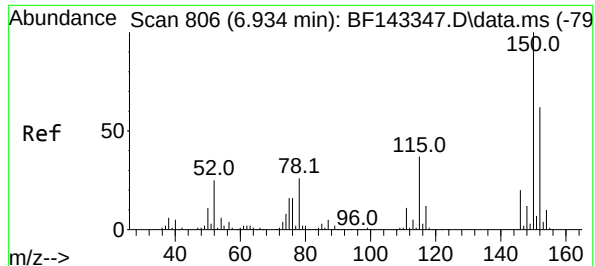
Benz(b)fluoranthene

Perylene-d12,I

Benzo(a)pyrene,C

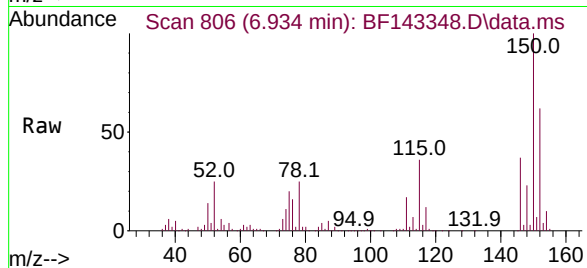
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Benzo(g,h,i)perylene

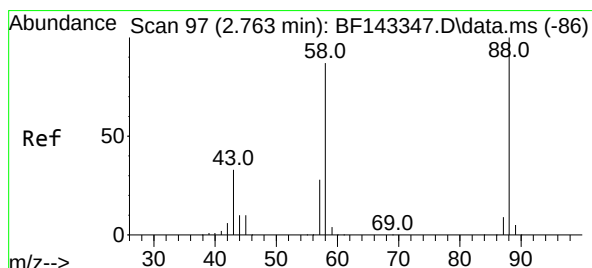
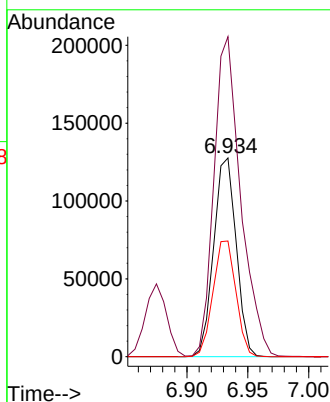
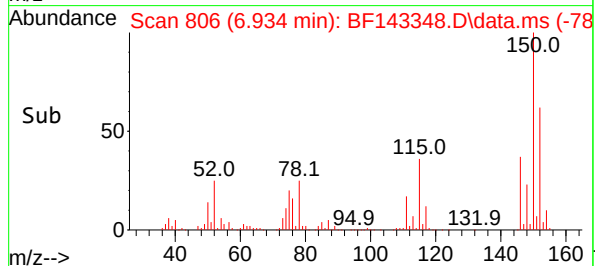


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.934 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

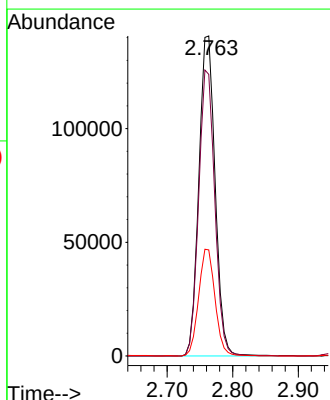
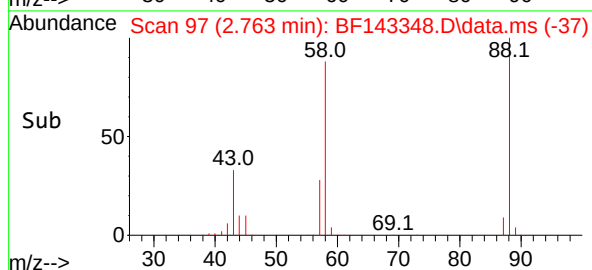
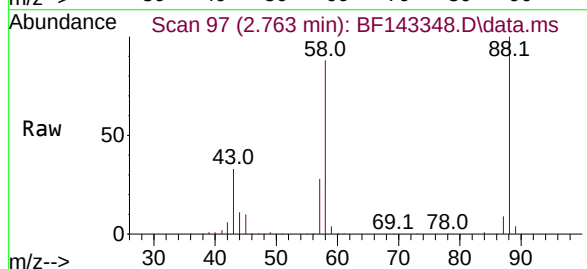


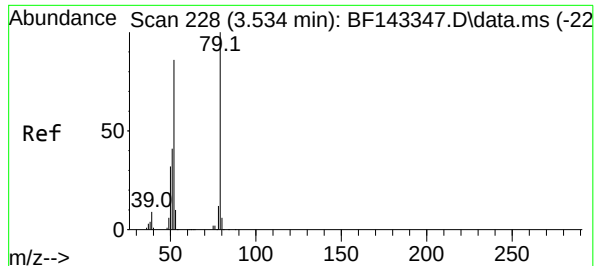
Tgt Ion:152 Resp: 164745
Ion Ratio Lower Upper
152 100
150 161.0 129.8 194.8
115 58.2 47.8 71.8



#2
1,4-Dioxane
Concen: 49.475 ng
RT: 2.763 min Scan# 97
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion: 88 Resp: 243901
Ion Ratio Lower Upper
88 100
58 88.3 71.0 106.6
43 33.6 27.0 40.6





#3

Pyridine

Concen: 50.870 ng

RT: 3.534 min Scan# 218

Delta R.T. 0.000 min

Lab File: BF143348.D

Acq: 12 Aug 2025 11:37

Instrument :

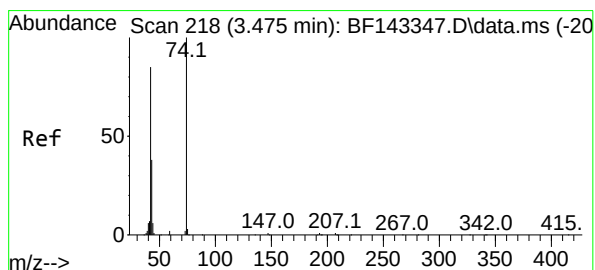
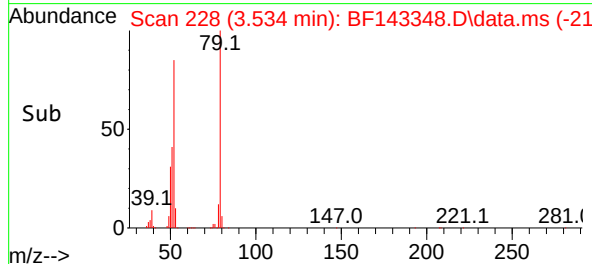
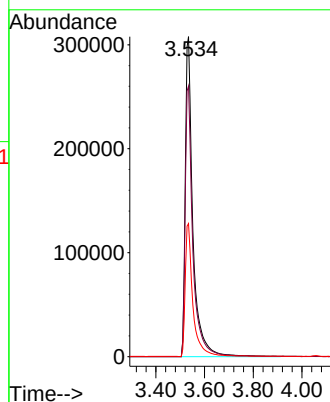
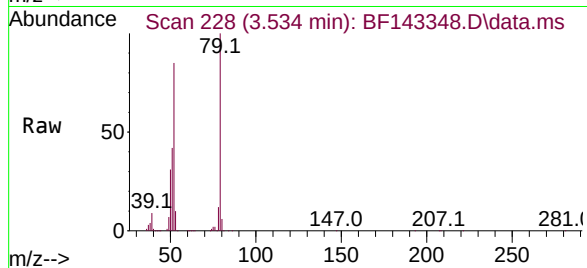
BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 79 Resp: 668266

Ion	Ratio	Lower	Upper
79	100		
52	84.5	68.7	103.1
51	41.6	33.4	50.0



#4

n-Nitrosodimethylamine

Concen: 51.272 ng

RT: 3.475 min Scan# 218

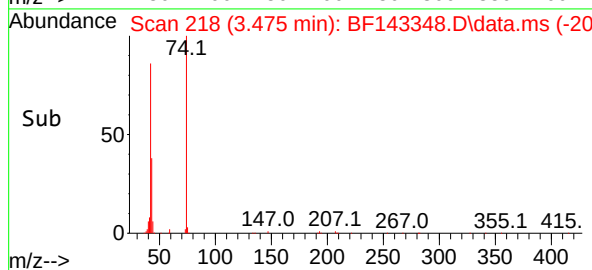
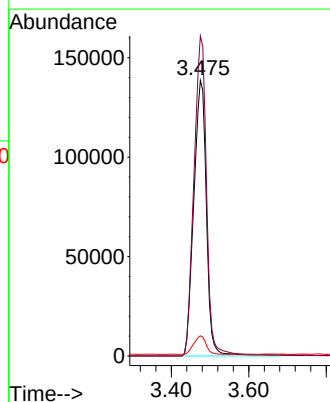
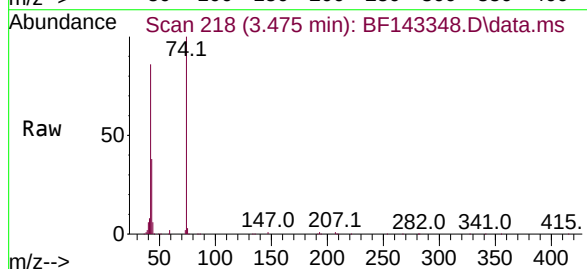
Delta R.T. 0.000 min

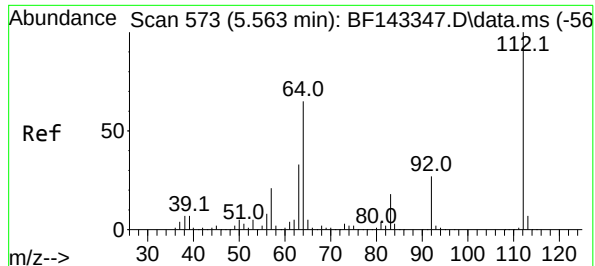
Lab File: BF143348.D

Acq: 12 Aug 2025 11:37

Tgt Ion: 42 Resp: 313754

Ion	Ratio	Lower	Upper
42	100		
74	116.1	94.1	141.1
44	7.3	6.5	9.7





#5

2-Fluorophenol

Concen: 98.862 ng

RT: 5.563 min Scan# 5

Delta R.T. 0.000 min

Lab File: BF143348.D

Acq: 12 Aug 2025 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

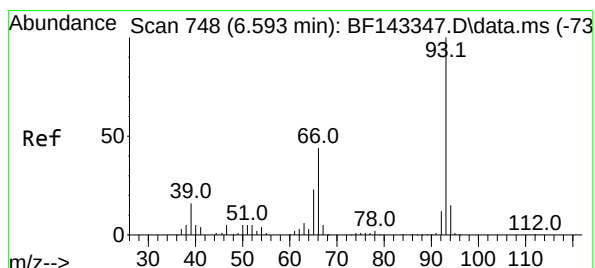
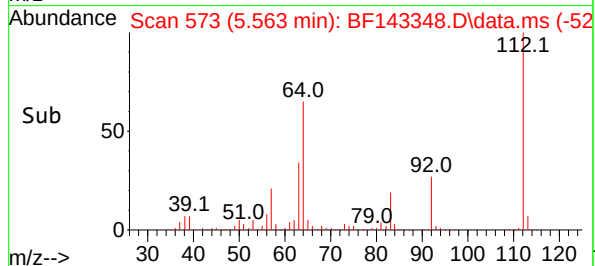
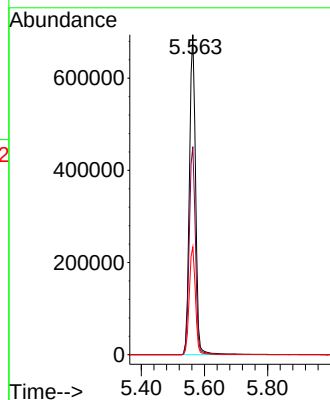
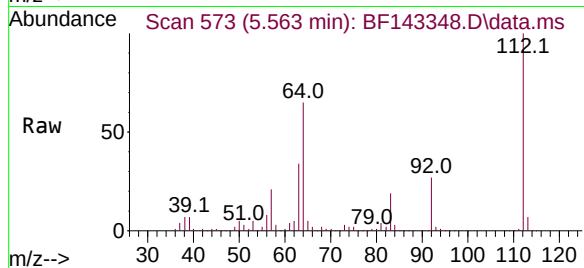
Tgt Ion:112 Resp: 941847

Ion Ratio Lower Upper

112 100

64 65.0 52.1 78.1

63 33.6 26.6 39.8



#6

Aniline

Concen: 48.521 ng

RT: 6.593 min Scan# 748

Delta R.T. 0.000 min

Lab File: BF143348.D

Acq: 12 Aug 2025 11:37

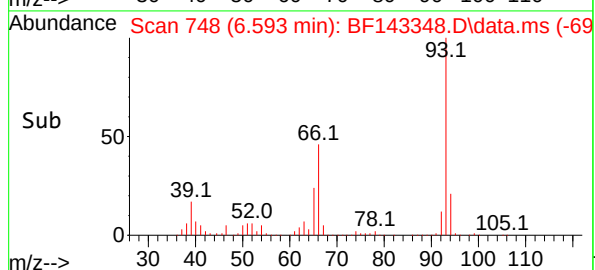
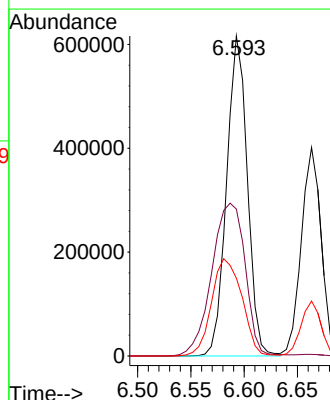
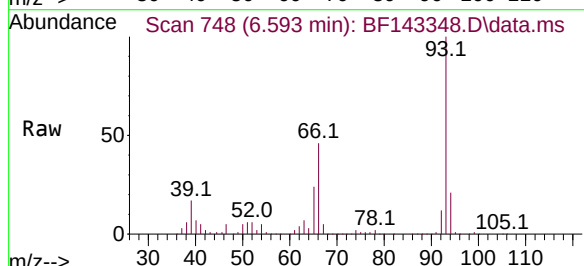
Tgt Ion: 93 Resp: 835697

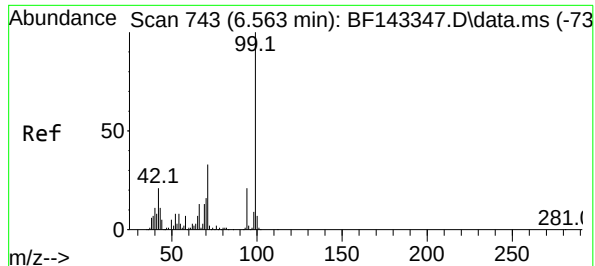
Ion Ratio Lower Upper

93 100

66 45.9 35.3 52.9

65 24.3 18.2 27.4

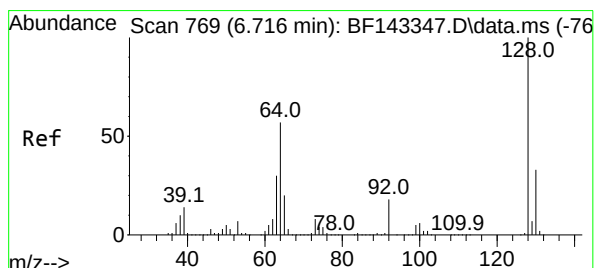
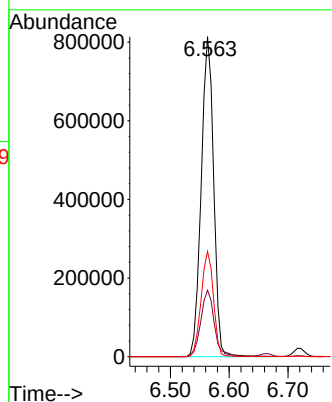
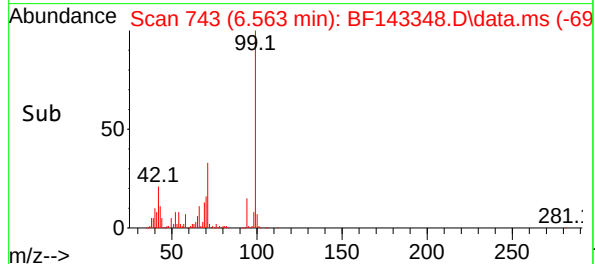
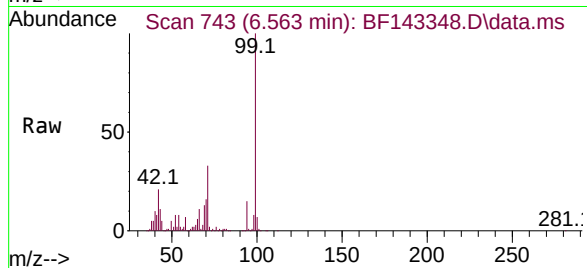




#7
Phenol-d6
Concen: 97.594 ng
RT: 6.563 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

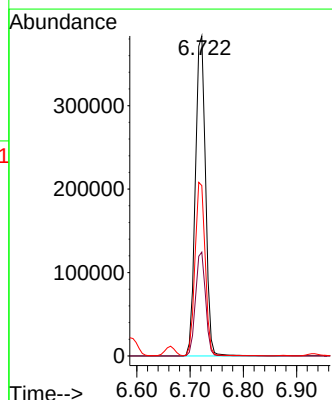
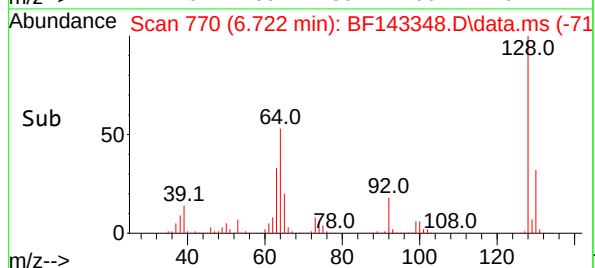
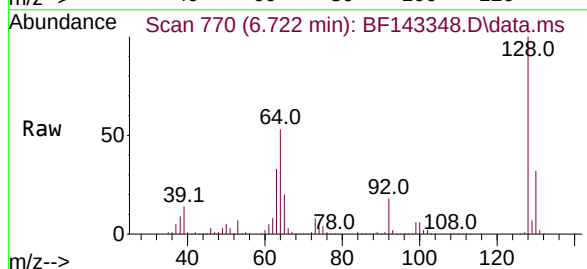
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ClientSampleId :
SSTDICC050

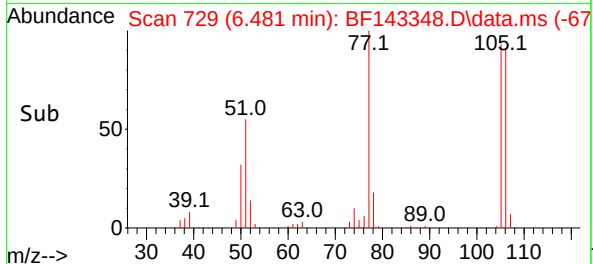
Tgt Ion: 99 Resp: 1192312
Ion Ratio Lower Upper
99 100
42 20.8 16.6 25.0
71 32.9 26.2 39.2



#8
2-Chlorophenol
Concen: 50.155 ng
RT: 6.722 min Scan# 770
Delta R.T. 0.006 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

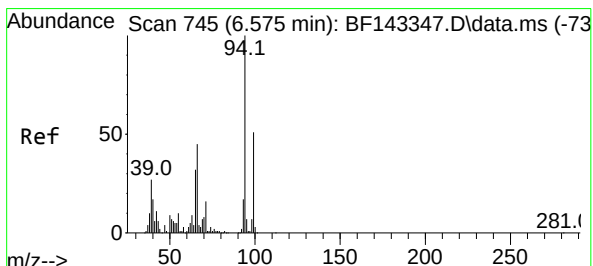
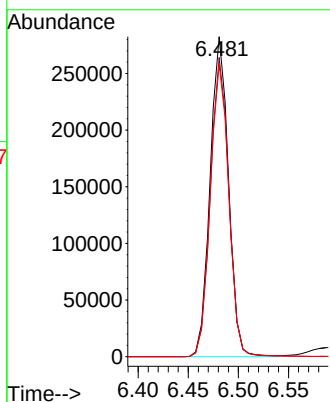
Tgt Ion: 128 Resp: 510568
Ion Ratio Lower Upper
128 100
130 32.5 12.6 52.6
64 53.2 36.7 76.7





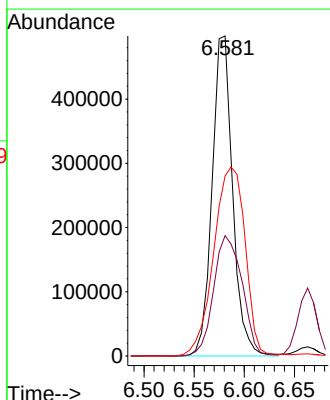
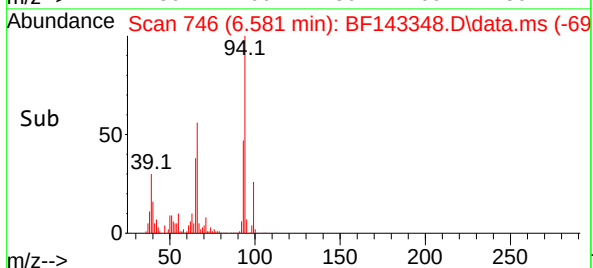
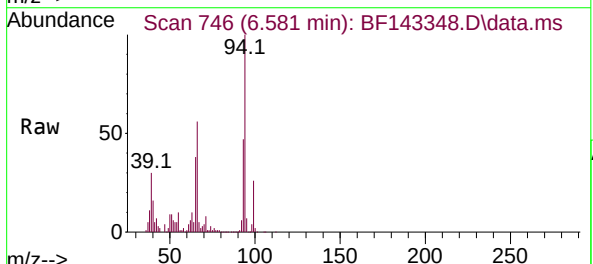
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#9
Benzaldehyde
Concen: 44.609 ng
RT: 6.481 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

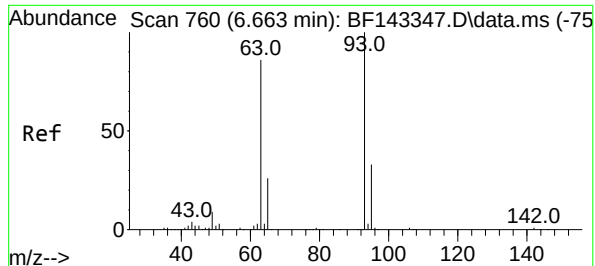
Tgt Ion: 77 Resp: 360210
Ion Ratio Lower Upper
77 100
105 93.5 74.2 114.2
106 91.4 72.2 112.2
```



```
#10
Phenol
Concen: 48.977 ng
RT: 6.581 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion: 94 Resp: 708845
Ion Ratio Lower Upper
94 100
65 37.6 12.0 52.0
66 56.2 25.6 65.6
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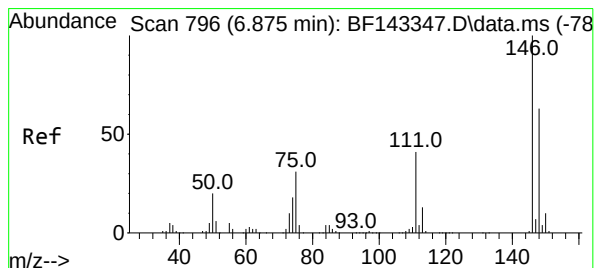
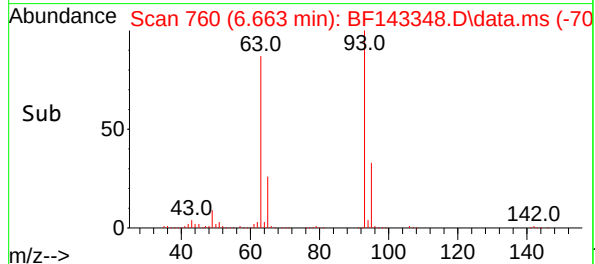
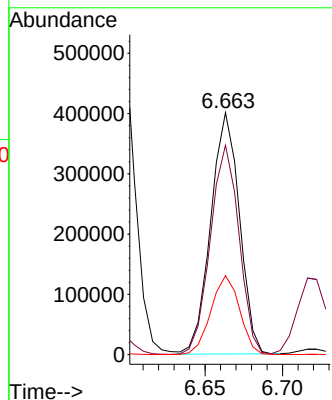
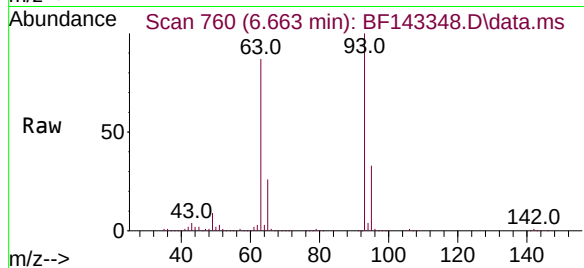




#11
bis(2-Chloroethyl)ether
Concen: 48.342 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

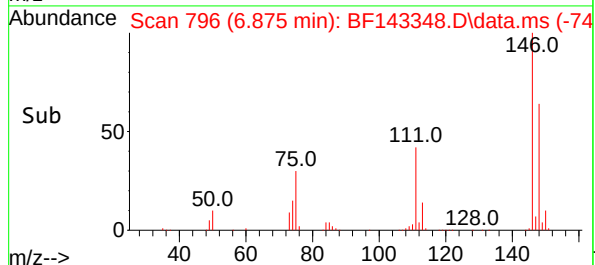
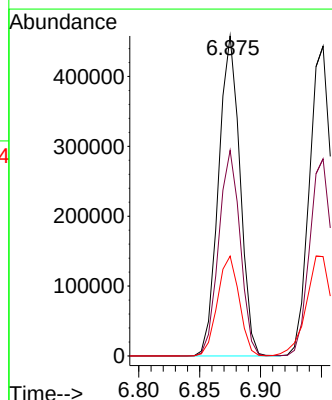
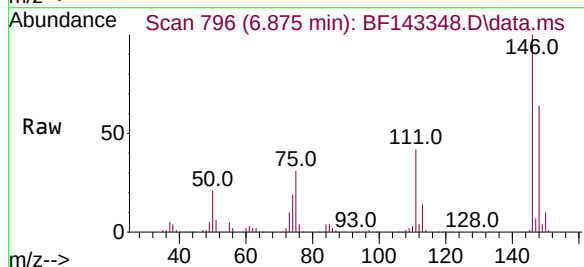
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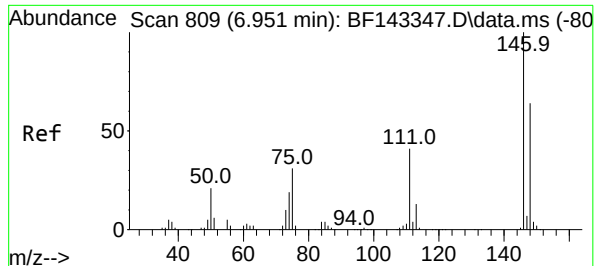
Tgt Ion: 93 Resp: 515652
Ion Ratio Lower Upper
93 100
63 86.5 65.7 105.7
95 32.7 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 47.838 ng
RT: 6.875 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion: 146 Resp: 561710
Ion Ratio Lower Upper
146 100
148 64.3 50.5 75.7
75 31.2 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 47.868 ng

RT: 6.951 min Scan# 809

Delta R.T. 0.000 min

Lab File: BF143348.D

Acq: 12 Aug 2025 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

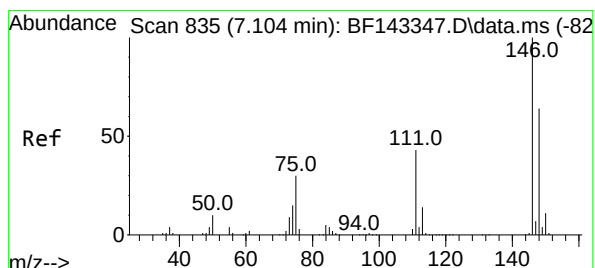
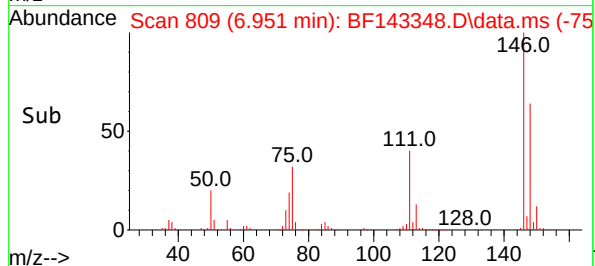
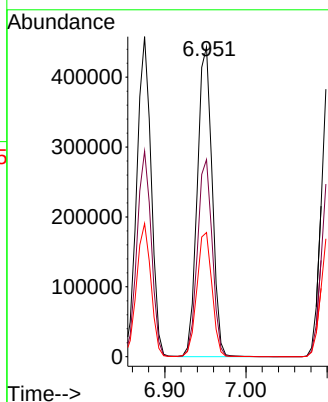
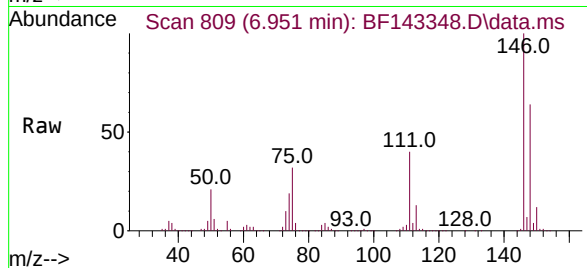
Tgt Ion:146 Resp: 564115

Ion Ratio Lower Upper

146 100

148 63.6 51.4 77.0

111 40.1 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 47.666 ng

RT: 7.104 min Scan# 835

Delta R.T. 0.000 min

Lab File: BF143348.D

Acq: 12 Aug 2025 11:37

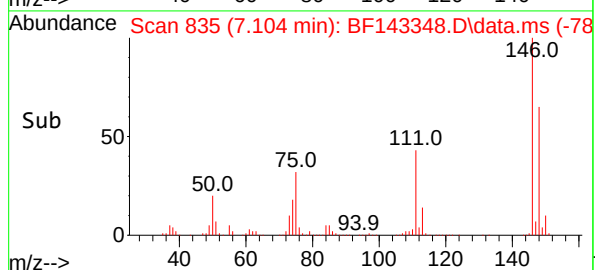
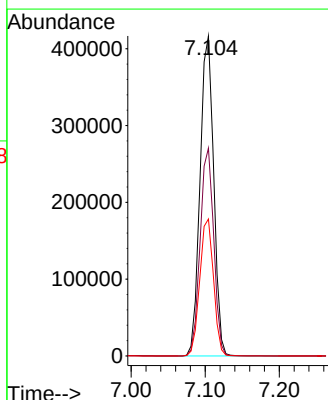
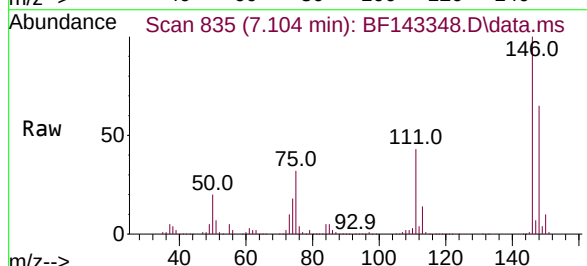
Tgt Ion:146 Resp: 533226

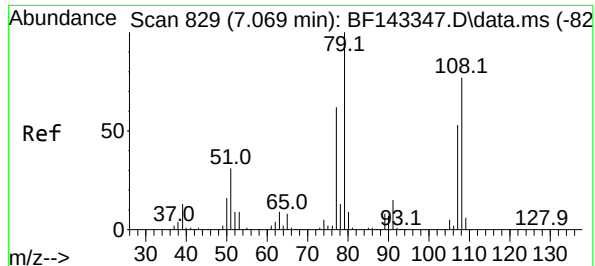
Ion Ratio Lower Upper

146 100

148 64.9 51.4 77.2

111 42.8 34.1 51.1

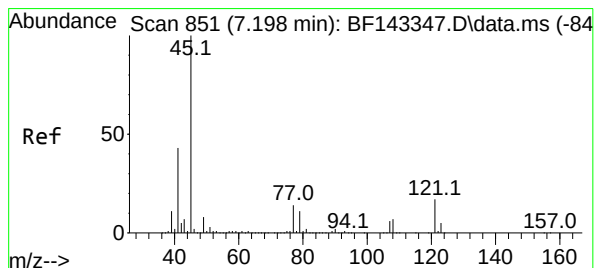
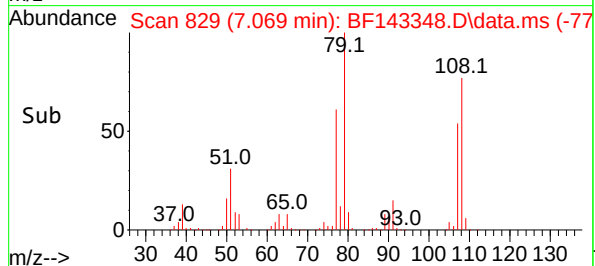
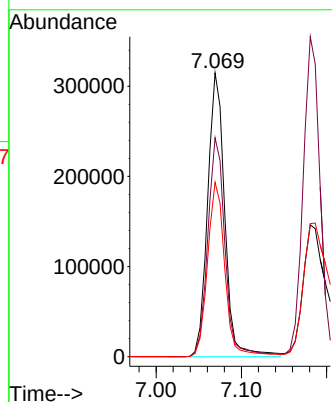
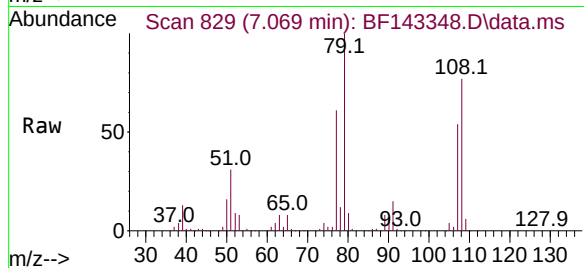




#15
Benzyl Alcohol
Concen: 50.143 ng
RT: 7.069 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

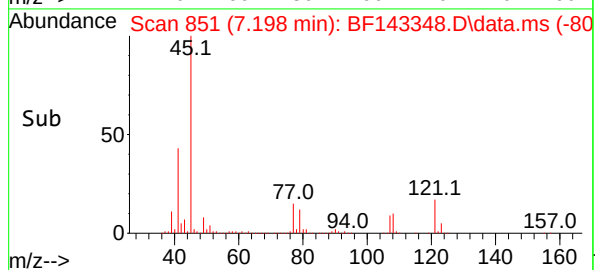
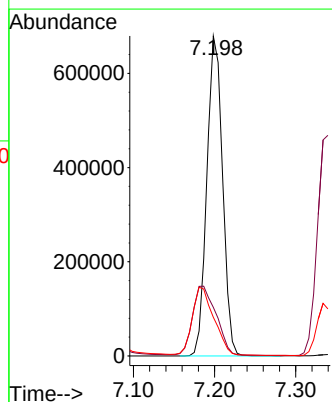
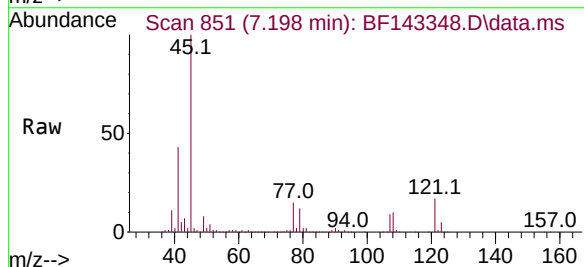
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

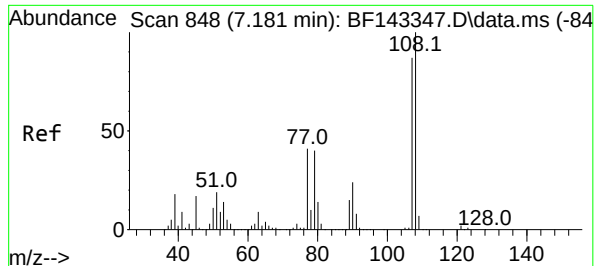
Tgt Ion: 79 Resp: 439125
Ion Ratio Lower Upper
79 100
108 77.1 61.5 92.3
77 61.4 49.8 74.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 47.882 ng
RT: 7.198 min Scan# 851
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion: 45 Resp: 911815
Ion Ratio Lower Upper
45 100
77 15.2 0.0 34.0
79 12.1 0.0 31.1

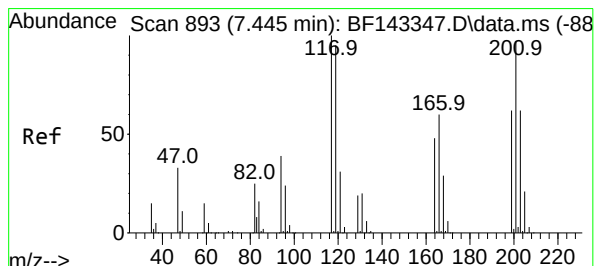
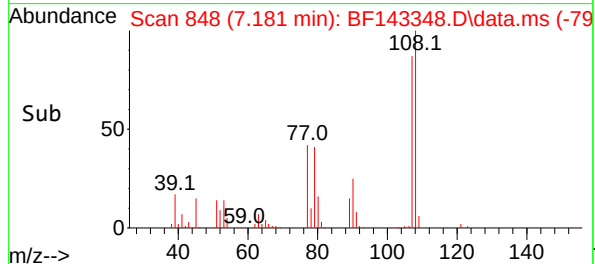
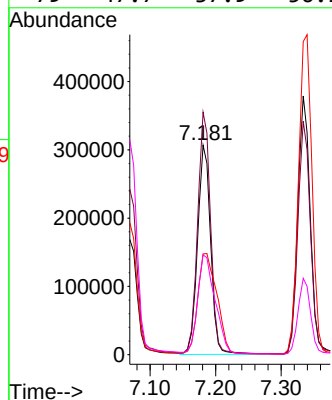
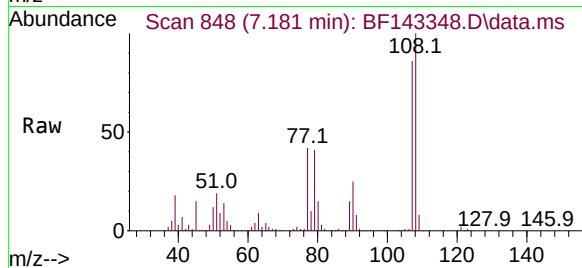




#17
2-Methylphenol
Concen: 49.676 ng
RT: 7.181 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

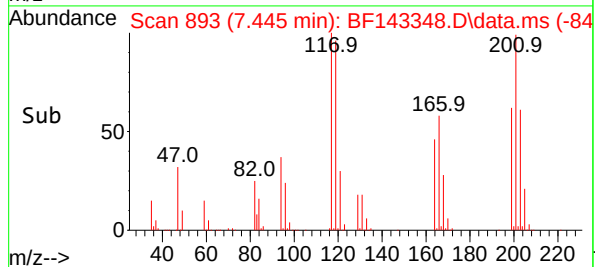
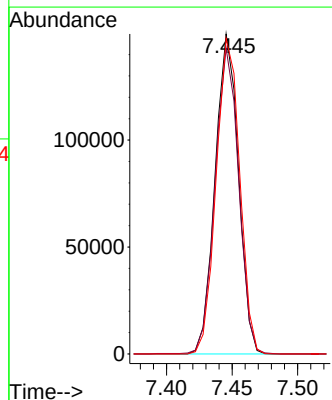
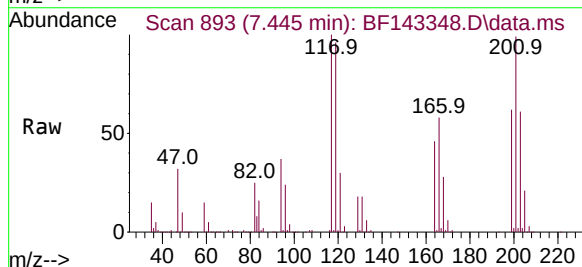
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

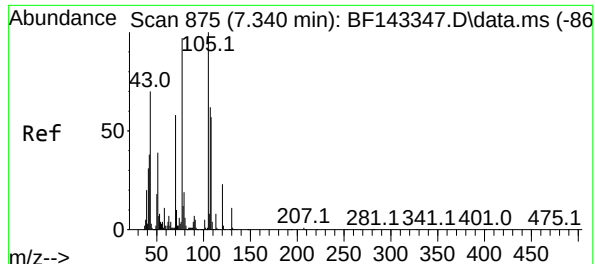
Tgt Ion:	107	Resp:	426865
Ion	Ratio	Lower	Upper
107	100		
108	115.7	92.0	138.0
77	48.1	38.2	57.2
79	47.7	37.9	56.9



#18
Hexachloroethane
Concen: 50.086 ng
RT: 7.445 min Scan# 893
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:	117	Resp:	185051
Ion	Ratio	Lower	Upper
117	100		
119	95.6	75.8	113.8
201	98.6	77.2	115.8





#19

n-Nitroso-di-n-propylamine

Concen: 47.107 ng

RT: 7.340 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF143348.D

Acq: 12 Aug 2025 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 70 Resp: 355609

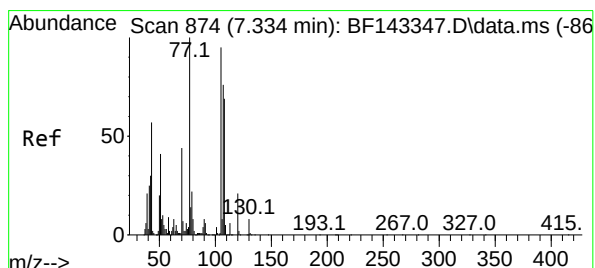
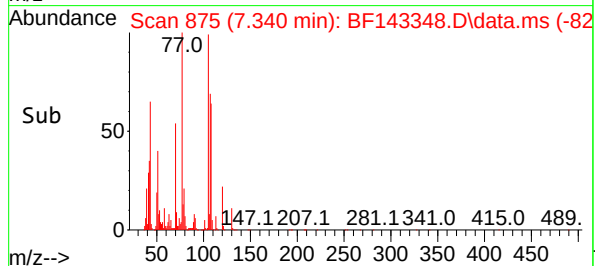
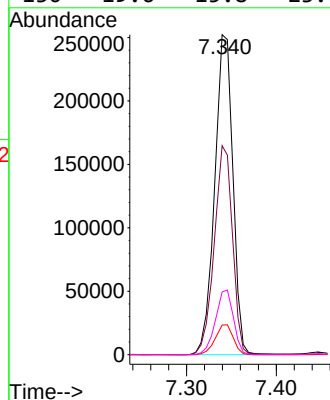
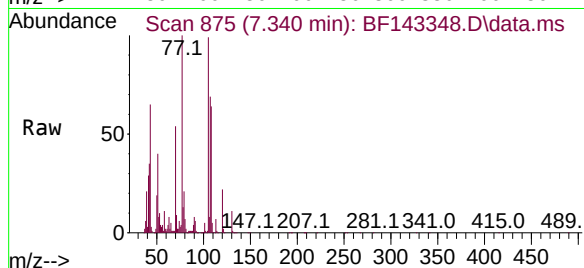
Ion Ratio Lower Upper

70 100

42 65.3 51.6 77.4

101 9.2 7.5 11.3

130 19.6 15.8 23.6



#20

3+4-Methylphenols

Concen: 48.609 ng

RT: 7.334 min Scan# 874

Delta R.T. 0.000 min

Lab File: BF143348.D

Acq: 12 Aug 2025 11:37

Tgt Ion: 107 Resp: 505153

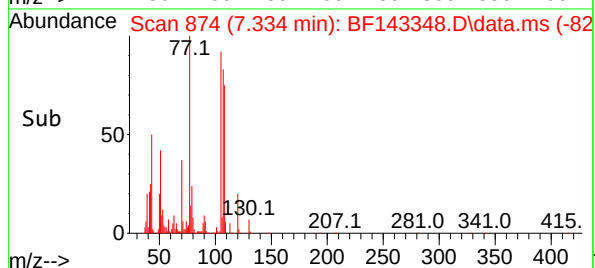
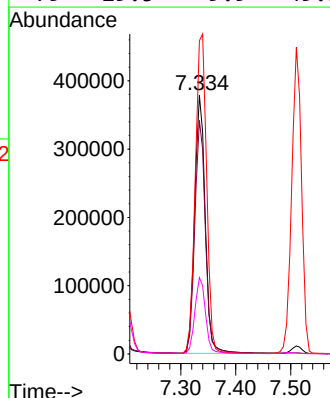
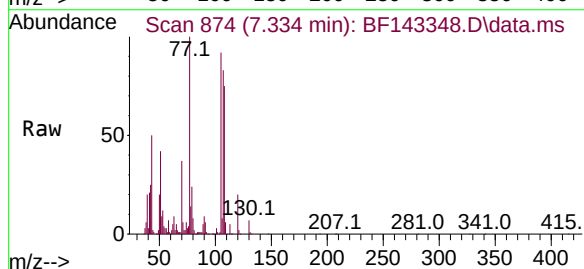
Ion Ratio Lower Upper

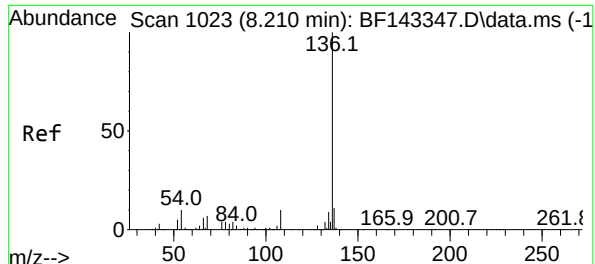
107 100

108 90.2 70.6 110.6

77 121.1 112.0 152.0

79 29.5 9.9 49.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.216 min Scan# 1024

Delta R.T. 0.006 min

Lab File: BF143348.D

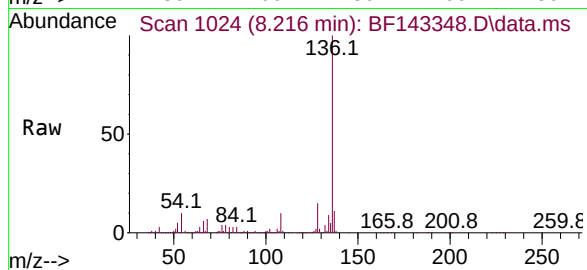
Acq: 12 Aug 2025 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion:136 Resp: 635446

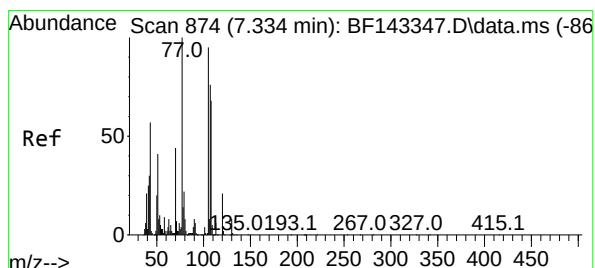
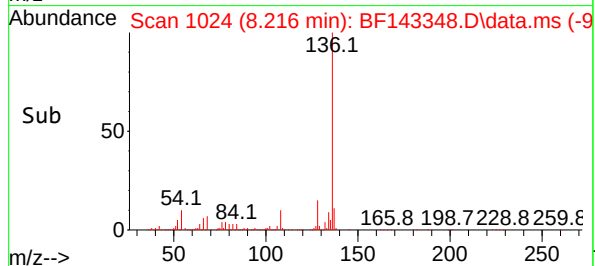
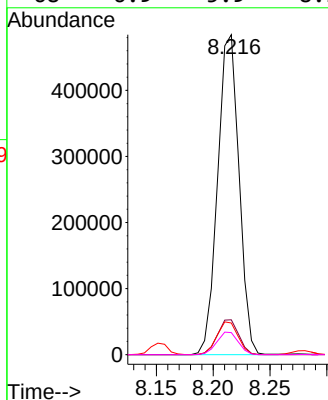
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 9.9 8.4 12.6

68 6.9 5.9 8.9



#22

Acetophenone

Concen: 45.886 ng

RT: 7.340 min Scan# 875

Delta R.T. 0.006 min

Lab File: BF143348.D

Acq: 12 Aug 2025 11:37

Tgt Ion:105 Resp: 642443

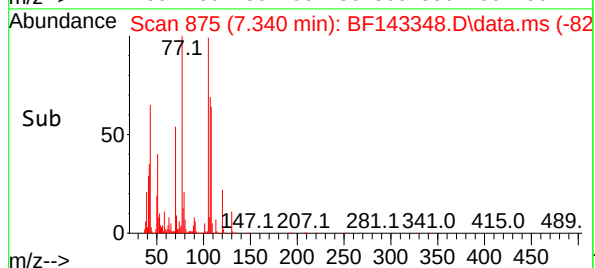
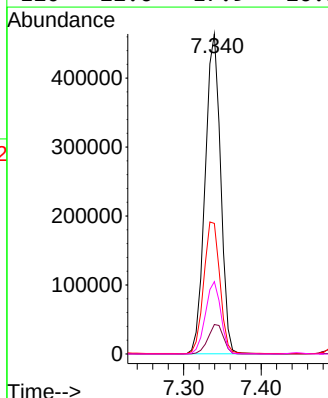
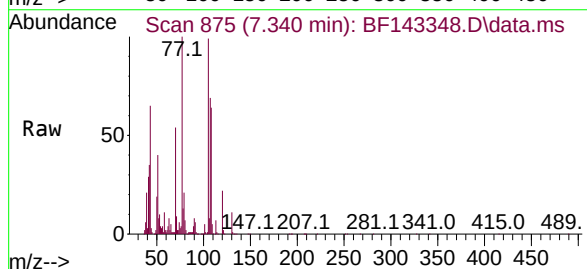
Ion Ratio Lower Upper

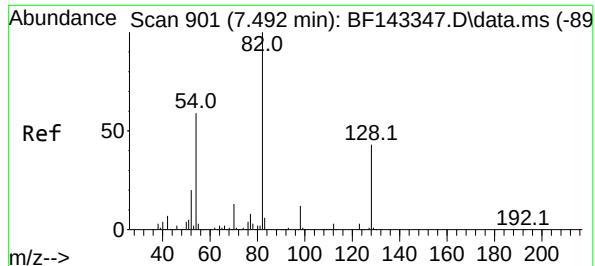
105 100

71 9.2 6.2 9.4

51 40.8 34.8 52.2

120 22.6 17.9 26.9





#23

Nitrobenzene-d5

Concen: 102.072 ng

RT: 7.493 min Scan# 901

Delta R.T. 0.000 min

Lab File: BF143348.D

Acq: 12 Aug 2025 11:37

Instrument :

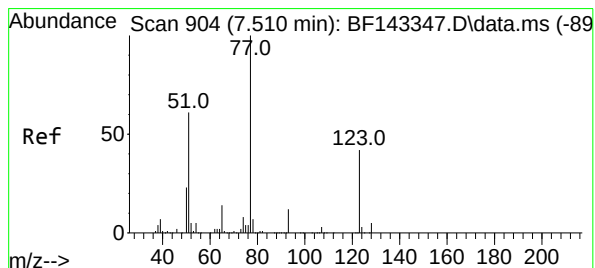
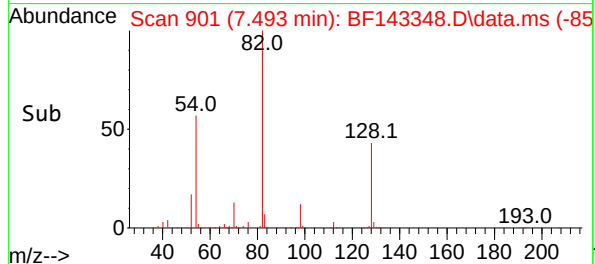
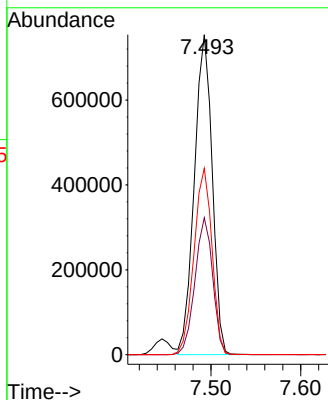
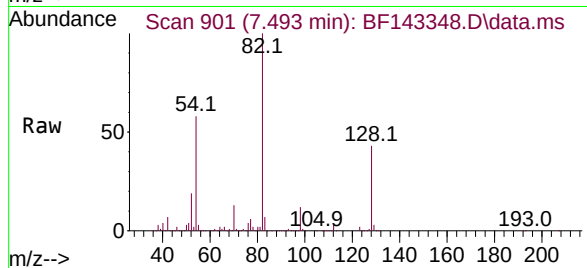
BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 82 Resp: 1041552

Ion	Ratio	Lower	Upper
82	100		
128	42.8	33.5	50.3
54	58.2	46.7	70.1



#24

Nitrobenzene

Concen: 50.388 ng

RT: 7.510 min Scan# 904

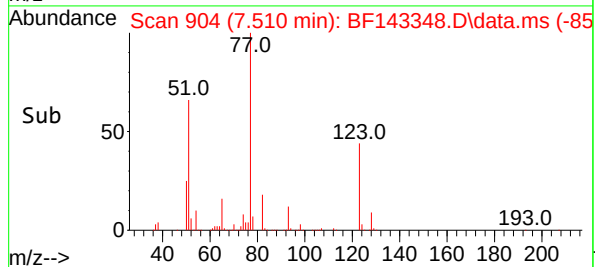
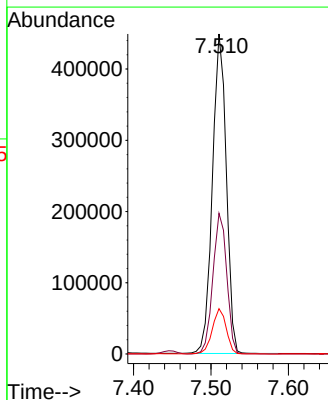
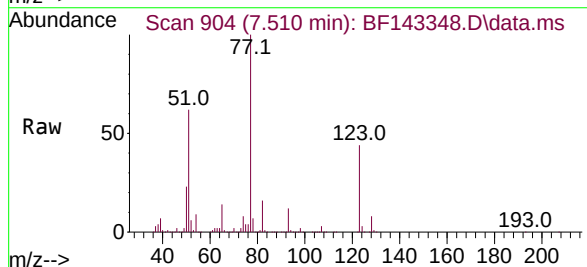
Delta R.T. 0.000 min

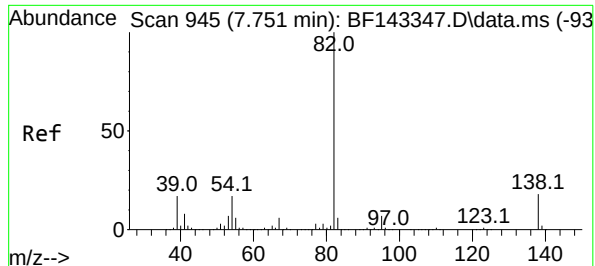
Lab File: BF143348.D

Acq: 12 Aug 2025 11:37

Tgt Ion: 77 Resp: 558404

Ion	Ratio	Lower	Upper
77	100		
123	43.9	34.8	52.2
65	14.1	11.0	16.6

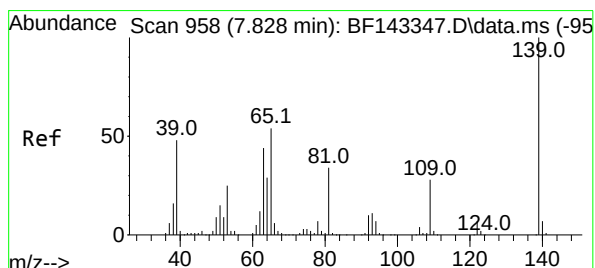
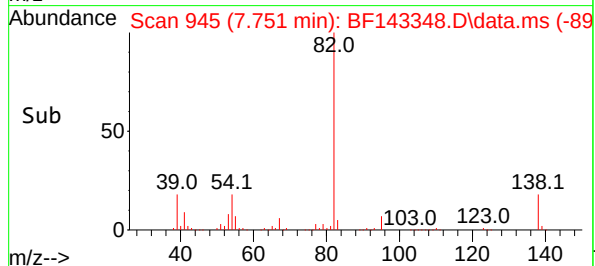
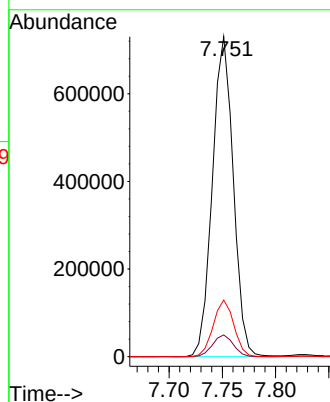
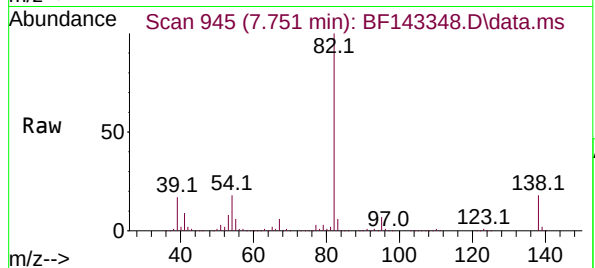




#25
Isophorone
Concen: 47.796 ng
RT: 7.751 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

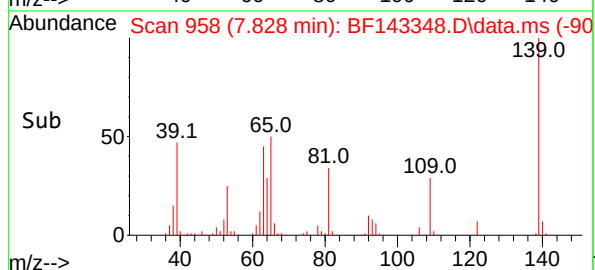
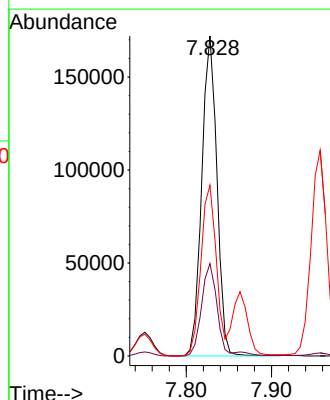
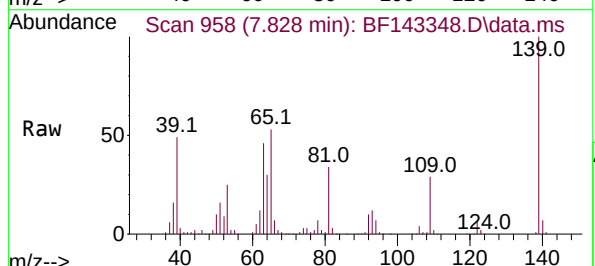
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

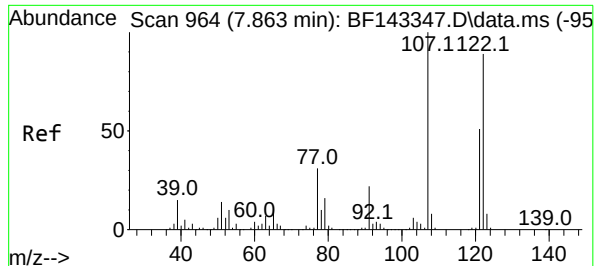
Tgt Ion: 82 Resp: 995651
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 17.7 14.6 21.8



#26
2-Nitrophenol
Concen: 47.982 ng
RT: 7.828 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion: 139 Resp: 213083
Ion Ratio Lower Upper
139 100
109 28.9 22.4 33.6
65 53.4 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 50.217 ng

RT: 7.863 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF143348.D

Acq: 12 Aug 2025 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

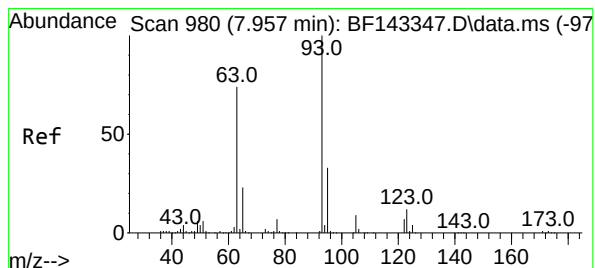
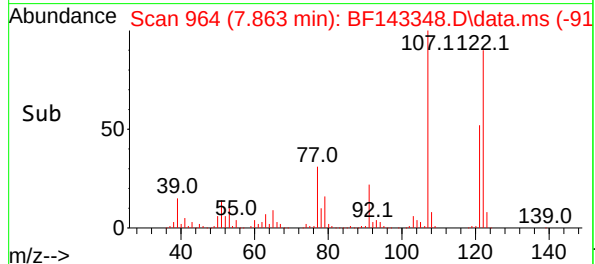
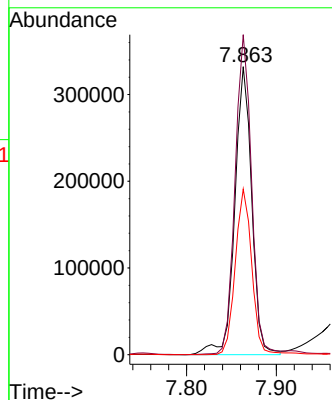
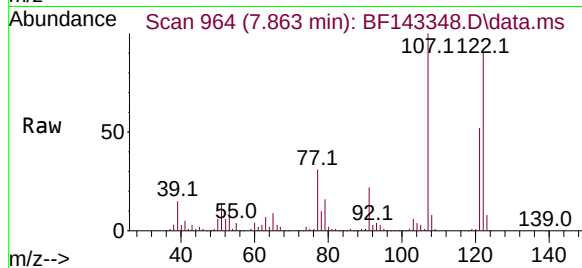
Tgt Ion:122 Resp: 436419

Ion Ratio Lower Upper

122 100

107 111.1 89.9 134.9

121 57.5 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 47.865 ng

RT: 7.957 min Scan# 980

Delta R.T. 0.000 min

Lab File: BF143348.D

Acq: 12 Aug 2025 11:37

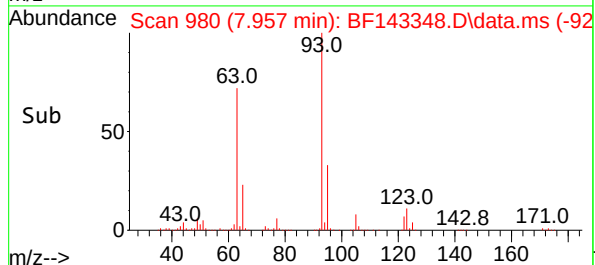
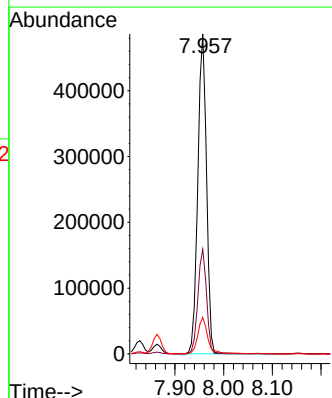
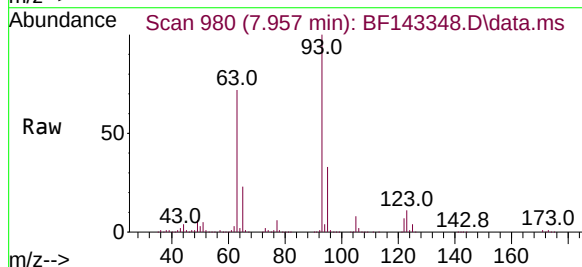
Tgt Ion: 93 Resp: 608760

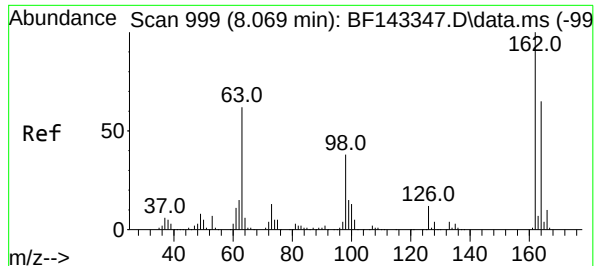
Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.4

123 11.4 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 50.485 ng

RT: 8.069 min Scan# 999

Delta R.T. 0.000 min

Lab File: BF143348.D

Acq: 12 Aug 2025 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

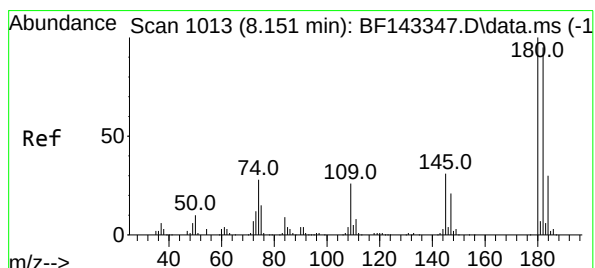
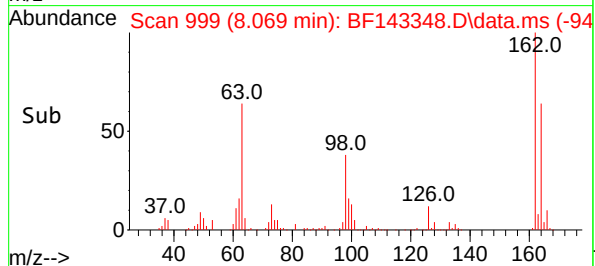
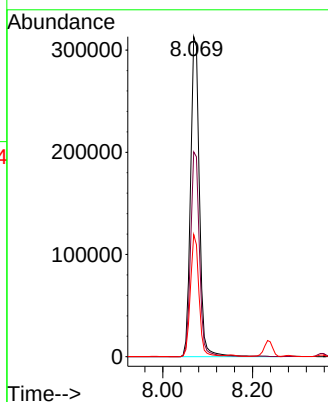
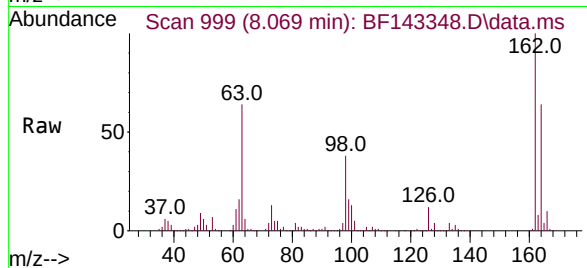
Tgt Ion:162 Resp: 428530

Ion Ratio Lower Upper

162 100

164 64.0 44.5 84.5

98 38.1 17.7 57.7



#30

1,2,4-Trichlorobenzene

Concen: 47.795 ng

RT: 8.151 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BF143348.D

Acq: 12 Aug 2025 11:37

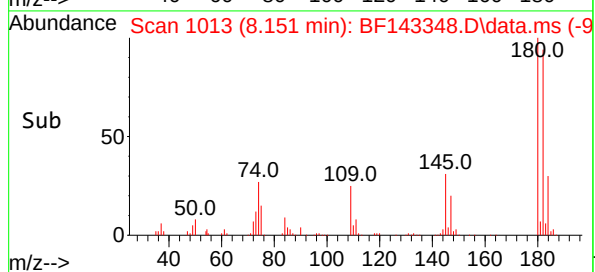
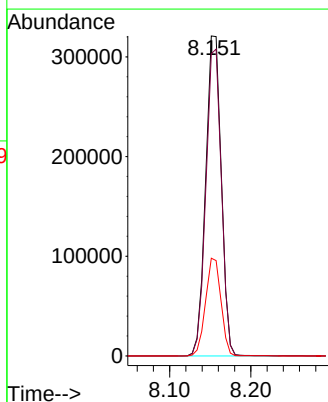
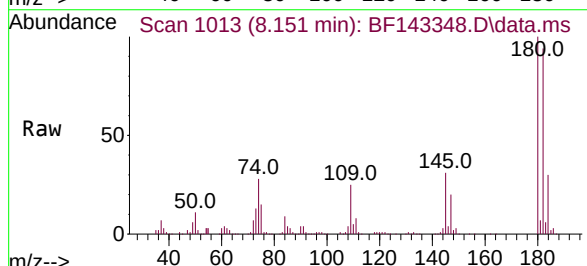
Tgt Ion:180 Resp: 427946

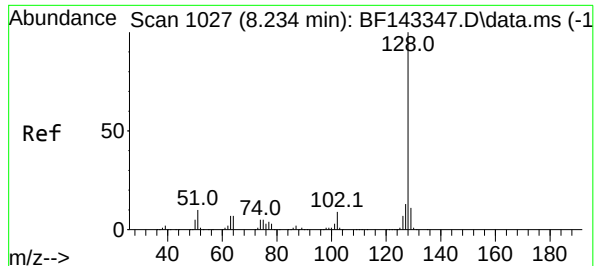
Ion Ratio Lower Upper

180 100

182 94.5 76.1 114.1

145 30.6 24.9 37.3

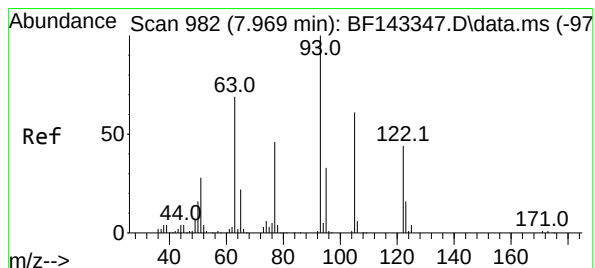
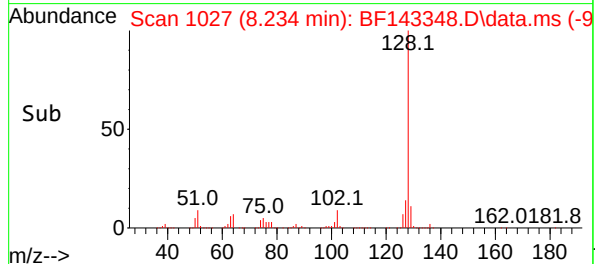
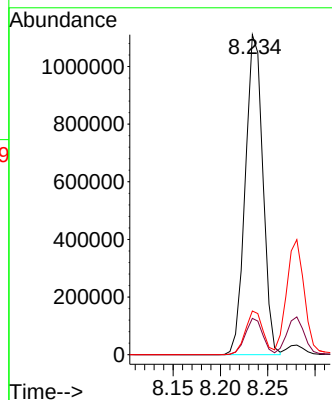
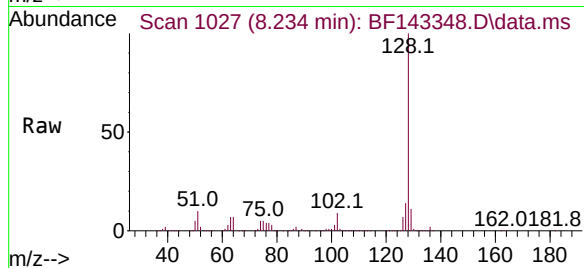




#31
Naphthalene
Concen: 46.809 ng
RT: 8.234 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

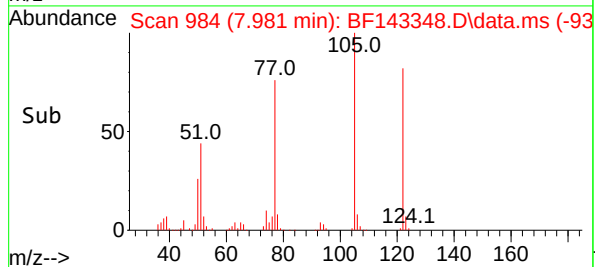
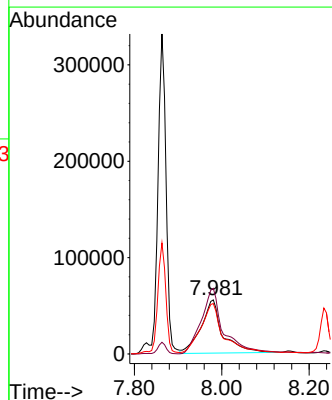
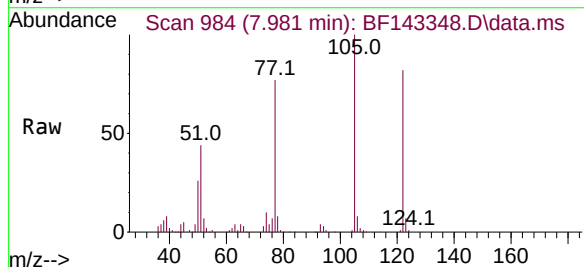
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

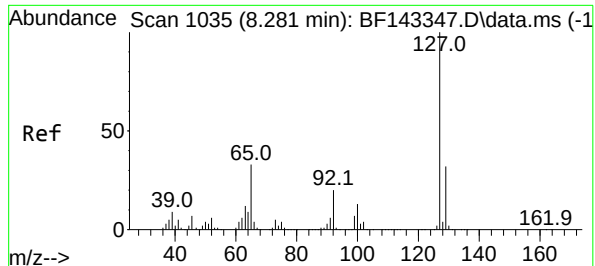
Tgt Ion:128 Resp: 1431280
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.6 10.7 16.1



#32
Benzoic acid
Concen: 49.943 ng
RT: 7.981 min Scan# 984
Delta R.T. 0.012 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:122 Resp: 191072
Ion Ratio Lower Upper
122 100
105 121.5 106.4 146.4
77 93.2 79.2 119.2





#33

4-Chloroaniline

Concen: 48.171 ng

RT: 8.281 min Scan# 1035

Delta R.T. 0.000 min

Lab File: BF143348.D

Acq: 12 Aug 2025 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:127 Resp: 531257

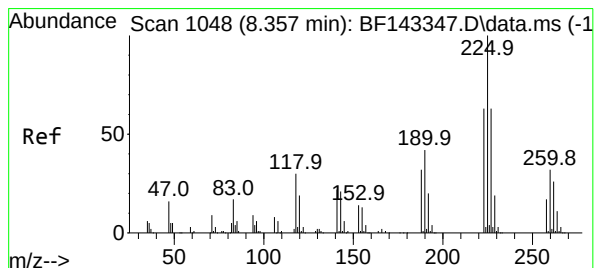
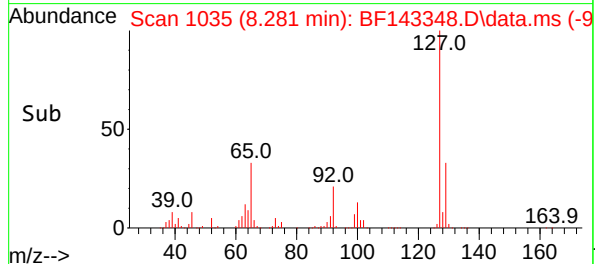
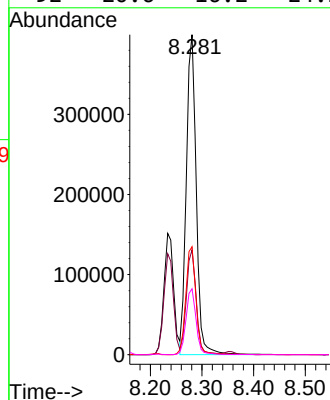
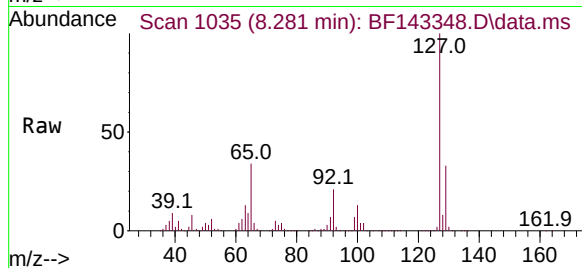
Ion Ratio Lower Upper

127 100

129 32.8 26.0 39.0

65 33.7 27.0 40.4

92 20.6 16.2 24.2



#34

Hexachlorobutadiene

Concen: 47.488 ng

RT: 8.357 min Scan# 1048

Delta R.T. 0.000 min

Lab File: BF143348.D

Acq: 12 Aug 2025 11:37

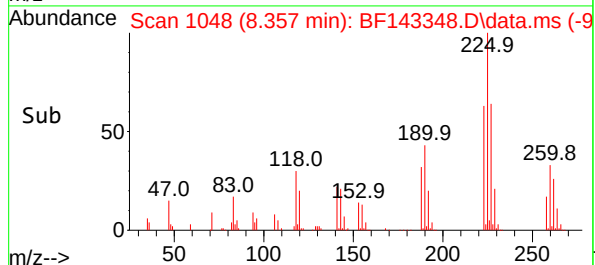
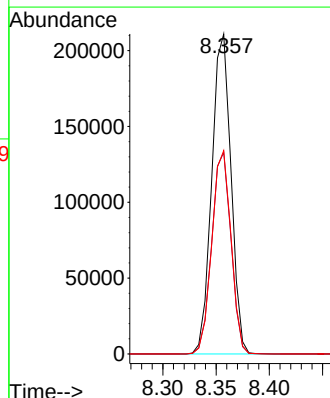
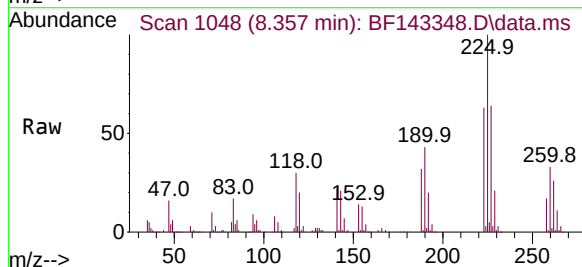
Tgt Ion:225 Resp: 264501

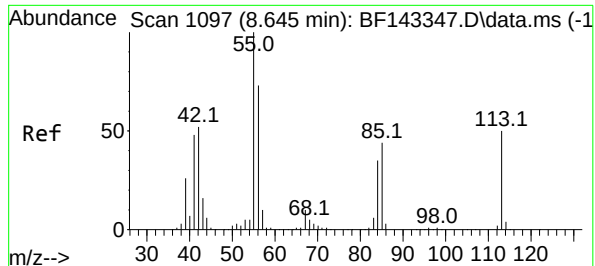
Ion Ratio Lower Upper

225 100

223 63.0 50.1 75.1

227 63.6 50.6 75.8

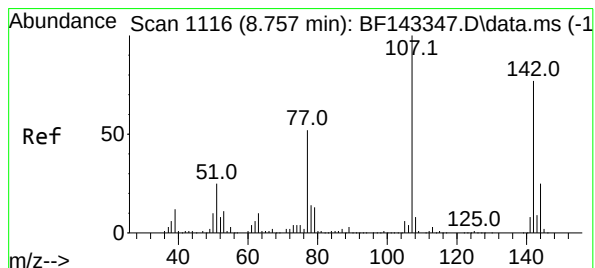
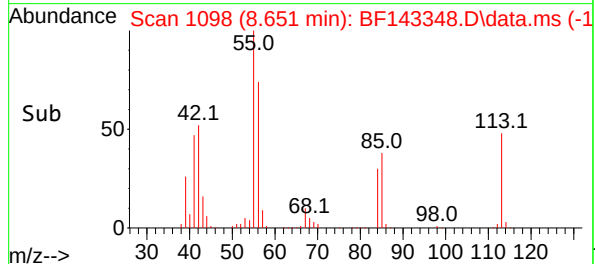
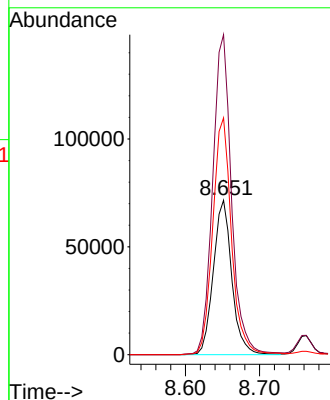
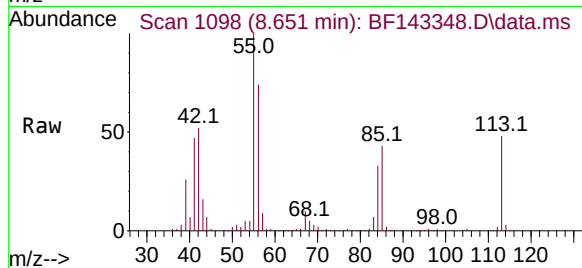




#35
Caprolactam
Concen: 51.952 ng
RT: 8.651 min Scan# 1098
Delta R.T. 0.006 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

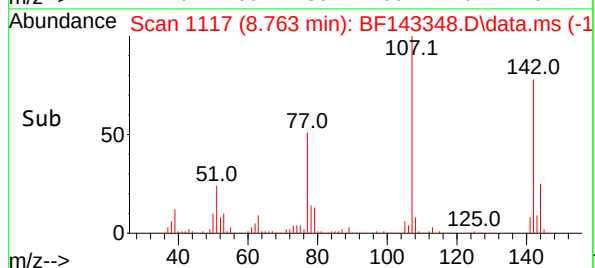
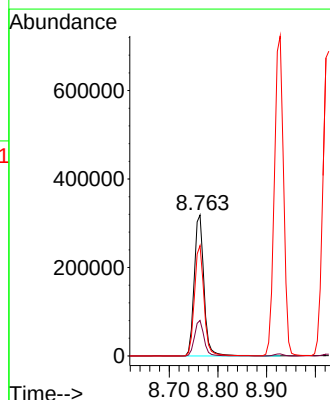
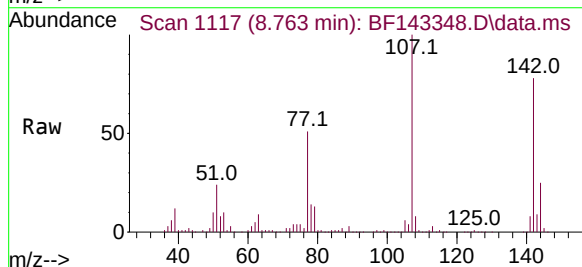
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

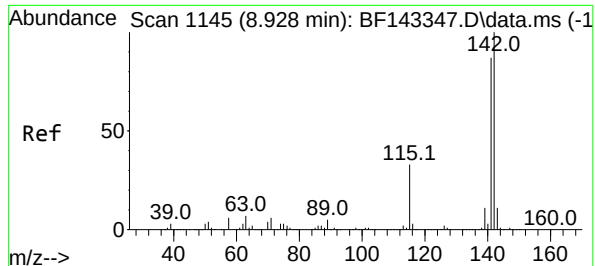
Tgt Ion	Ratio	Lower	Upper
113	100		
55	207.2	181.4	221.4
56	153.3	127.3	167.3



#36
4-Chloro-3-methylphenol
Concen: 49.741 ng
RT: 8.763 min Scan# 1117
Delta R.T. 0.006 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.2	20.0	30.0
142	78.4	61.3	91.9





#37

2-Methylnaphthalene

Concen: 46.712 ng

RT: 8.928 min Scan# 1145

Delta R.T. 0.000 min

Lab File: BF143348.D

Acq: 12 Aug 2025 11:37

Instrument :

BNA_F

ClientSampleId :

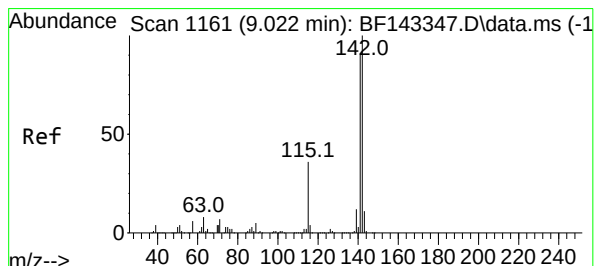
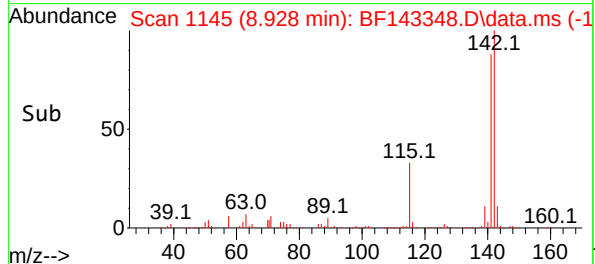
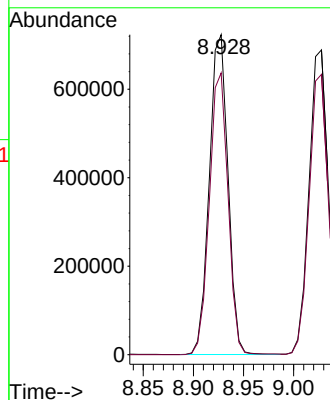
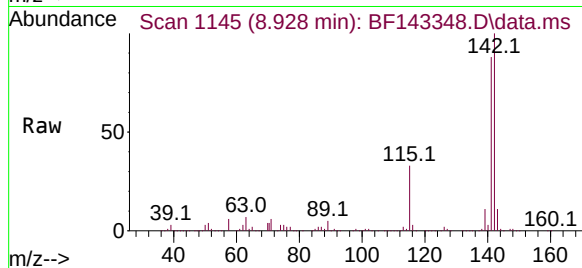
SSTDICC050

Tgt Ion:142 Resp: 938982

Ion Ratio Lower Upper

142 100

141 88.0 69.8 104.8



#38

1-Methylnaphthalene

Concen: 46.606 ng

RT: 9.028 min Scan# 1162

Delta R.T. 0.006 min

Lab File: BF143348.D

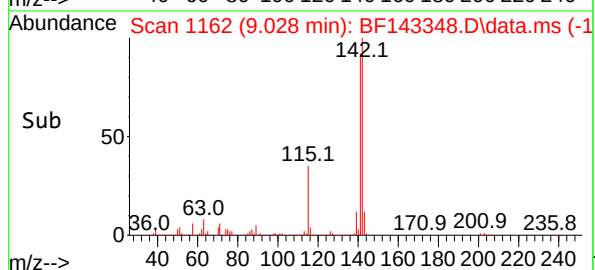
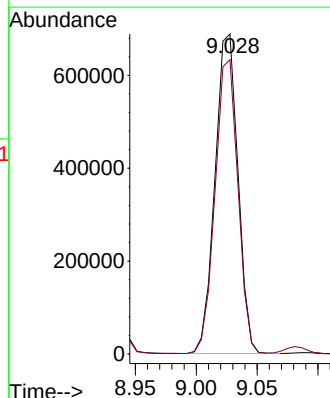
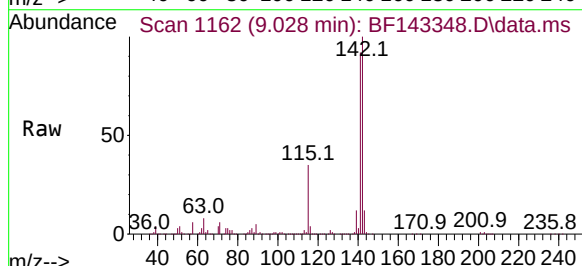
Acq: 12 Aug 2025 11:37

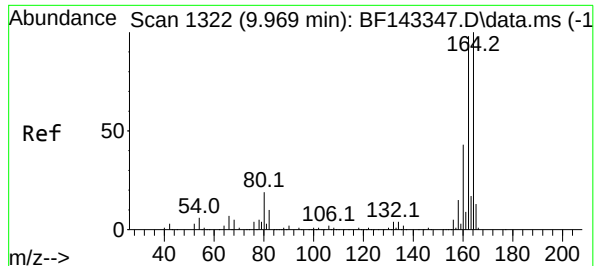
Tgt Ion:142 Resp: 902313

Ion Ratio Lower Upper

142 100

141 91.9 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.969 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF143348.D

Acq: 12 Aug 2025 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

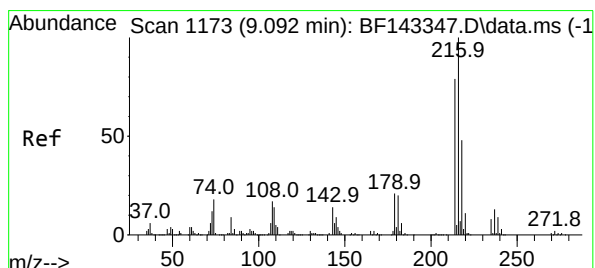
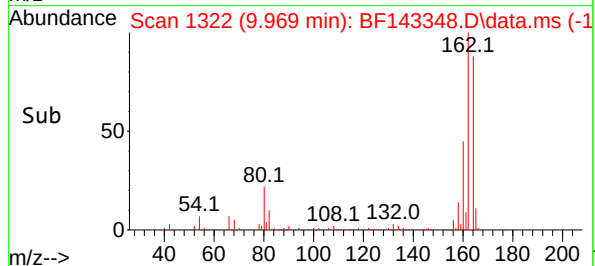
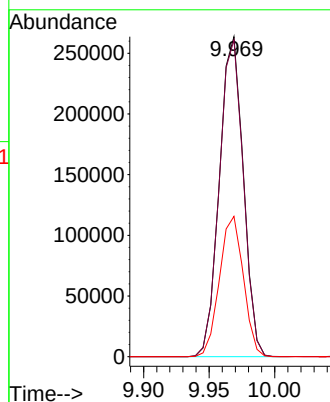
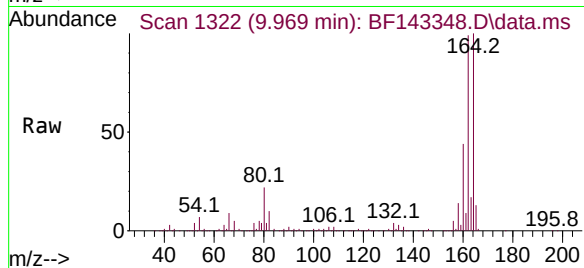
Tgt Ion:164 Resp: 333763

Ion Ratio Lower Upper

164 100

162 98.9 78.6 118.0

160 43.8 34.4 51.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.877 ng

RT: 9.092 min Scan# 1173

Delta R.T. 0.000 min

Lab File: BF143348.D

Acq: 12 Aug 2025 11:37

Tgt Ion:216 Resp: 437268

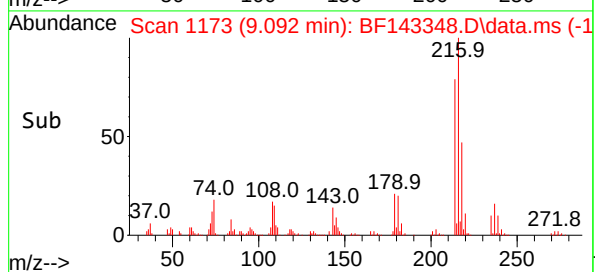
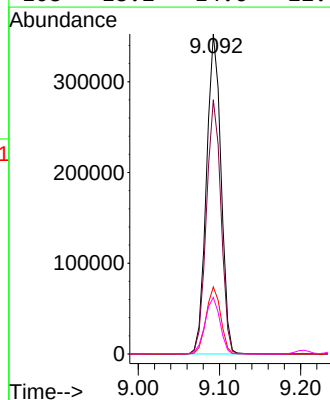
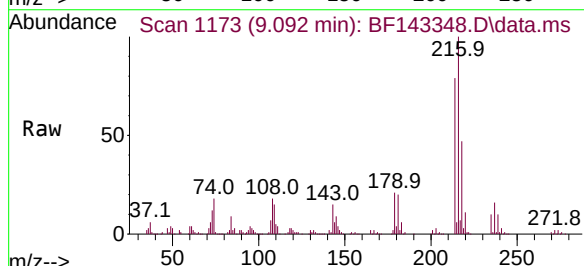
Ion Ratio Lower Upper

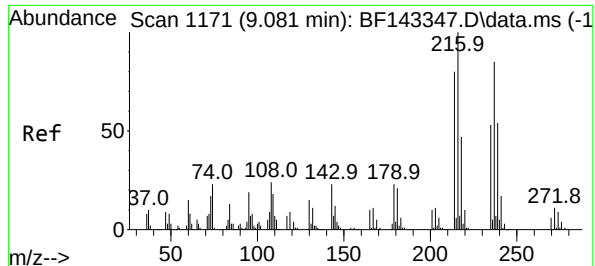
216 100

214 79.5 63.0 94.4

179 20.9 17.0 25.4

108 18.2 14.6 22.0

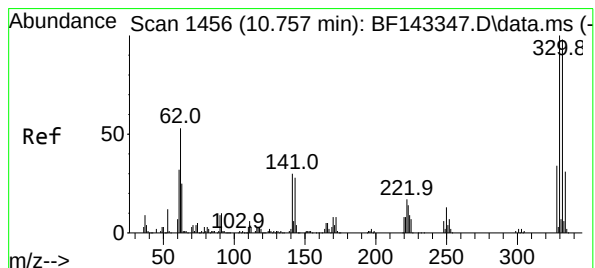
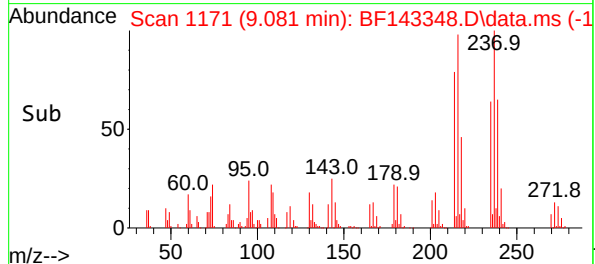
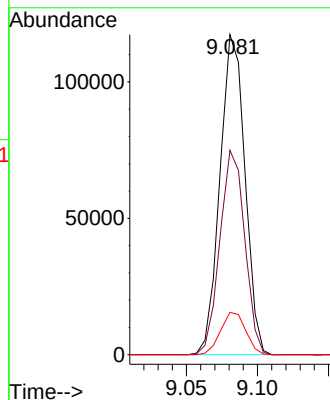
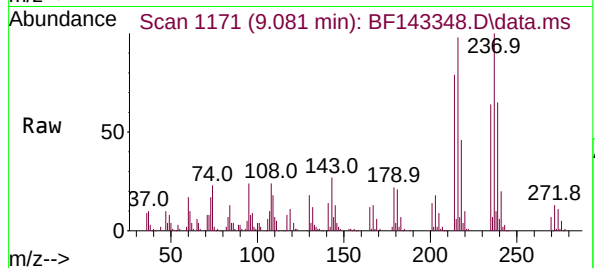




#41
Hexachlorocyclopentadiene
Concen: 47.474 ng
RT: 9.081 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

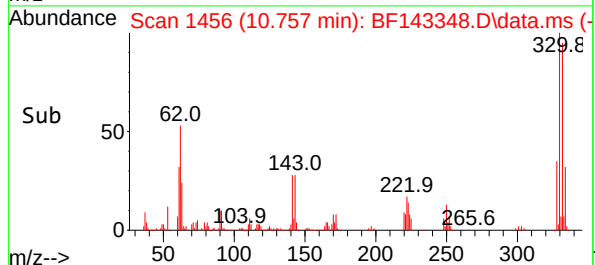
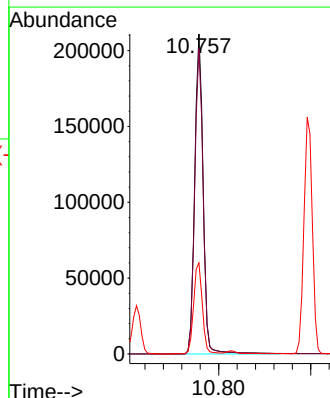
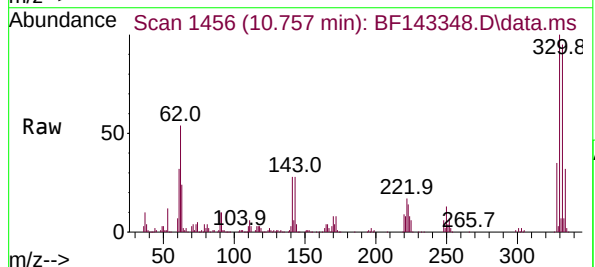
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

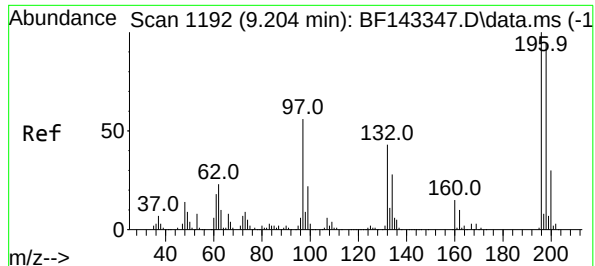
Tgt Ion:237 Resp: 143487
Ion Ratio Lower Upper
237 100
235 63.8 42.0 82.0
272 13.3 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 109.378 ng
RT: 10.757 min Scan# 1456
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:330 Resp: 266796
Ion Ratio Lower Upper
330 100
332 95.7 78.1 117.1
141 29.6 25.4 38.0





#43

2,4,6-Trichlorophenol

Concen: 52.773 ng

RT: 9.204 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF143348.D

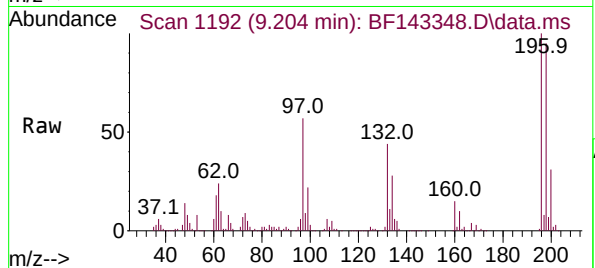
Acq: 12 Aug 2025 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



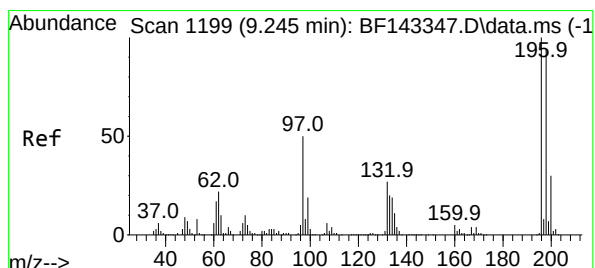
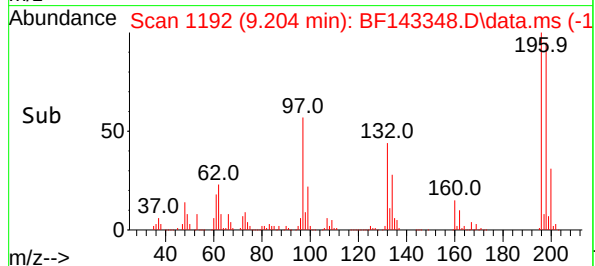
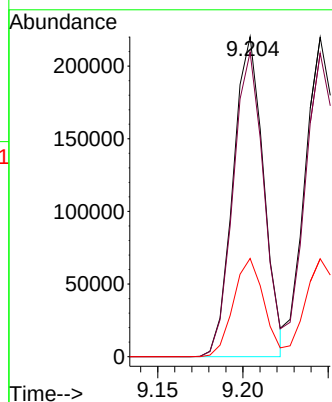
Tgt Ion:196 Resp: 273471

Ion Ratio Lower Upper

196 100

198 95.1 75.4 113.0

200 30.7 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 51.948 ng

RT: 9.245 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF143348.D

Acq: 12 Aug 2025 11:37

Tgt Ion:196 Resp: 303993

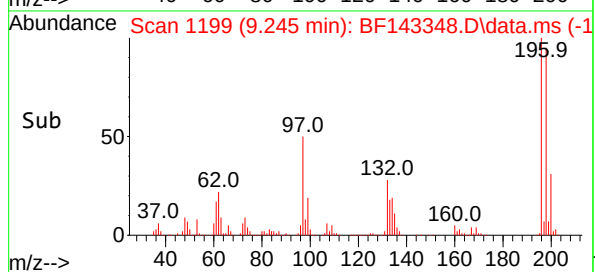
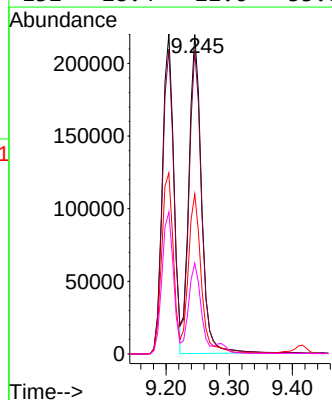
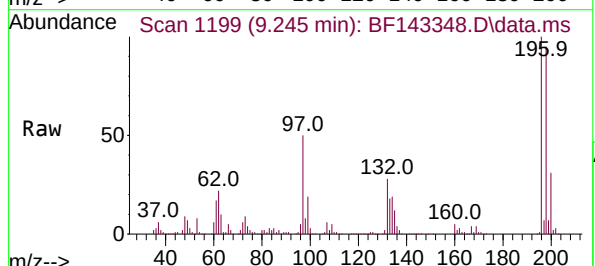
Ion Ratio Lower Upper

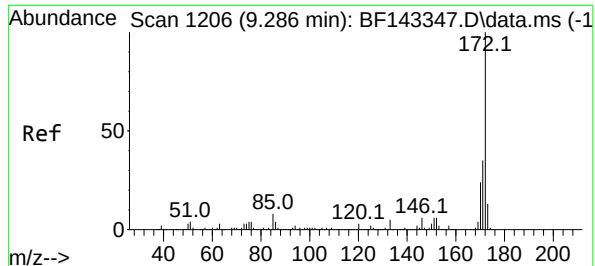
196 100

198 95.1 75.4 113.2

97 50.0 39.9 59.9

132 28.4 22.6 33.8

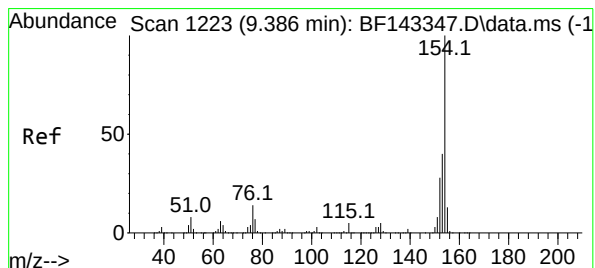
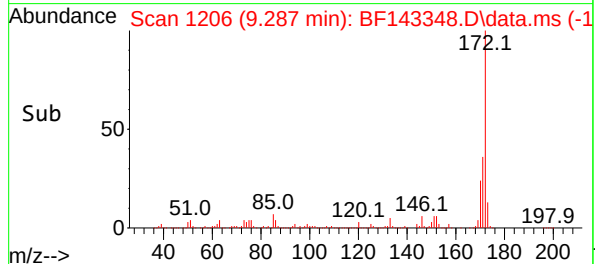
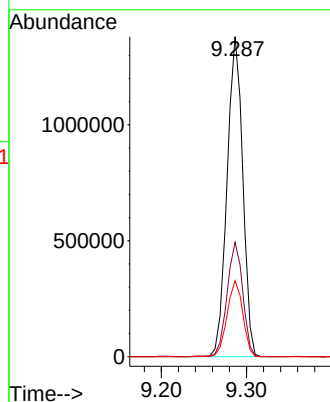
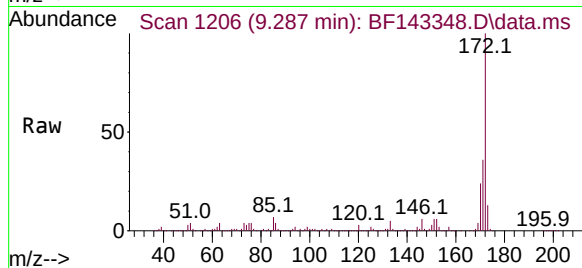




#45
2-Fluorobiphenyl
Concen: 89.893 ng
RT: 9.287 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

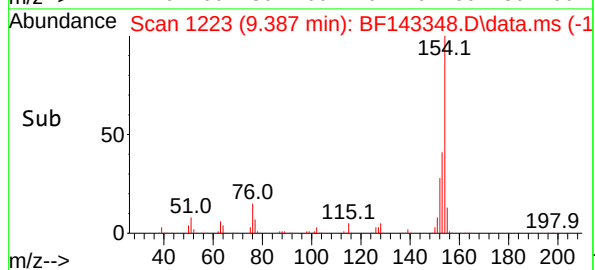
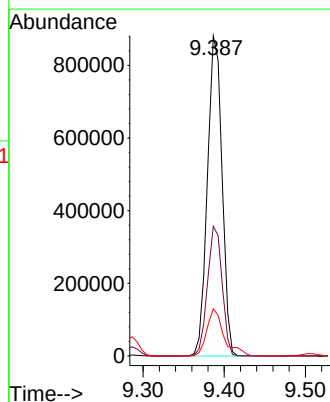
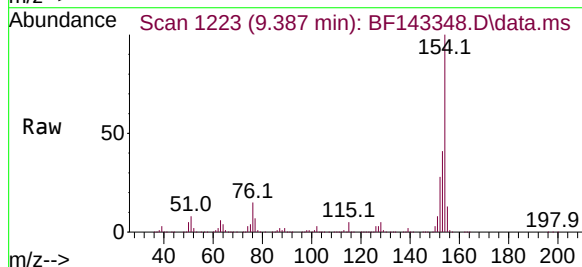
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

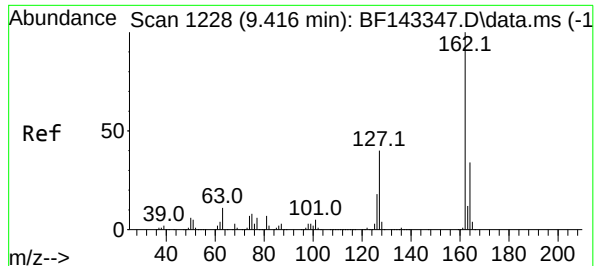
Tgt Ion:172 Resp: 1769302
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 23.8 19.1 28.7



#46
1,1'-Biphenyl
Concen: 46.558 ng
RT: 9.387 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:154 Resp: 1098727
Ion Ratio Lower Upper
154 100
153 40.6 20.2 60.2
76 14.8 0.0 34.4





#47

2-Chloronaphthalene

Concen: 46.944 ng

RT: 9.416 min Scan# 1228

Delta R.T. 0.000 min

Lab File: BF143348.D

Acq: 12 Aug 2025 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

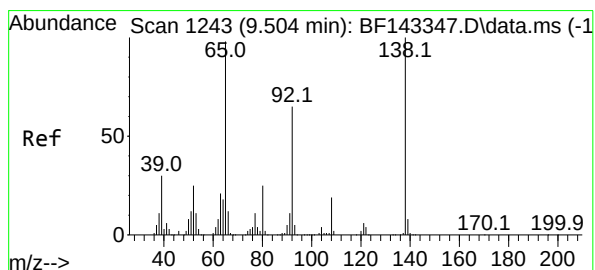
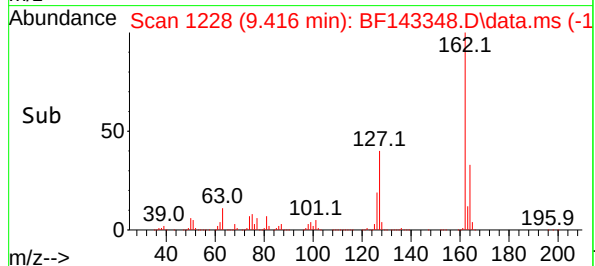
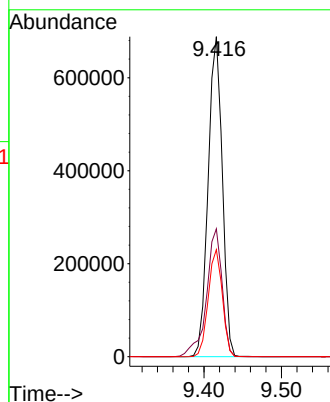
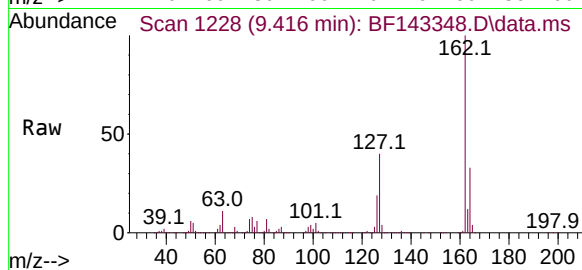
Tgt Ion:162 Resp: 872497

Ion Ratio Lower Upper

162 100

127 39.9 32.1 48.1

164 33.5 27.0 40.4



#48

2-Nitroaniline

Concen: 49.816 ng

RT: 9.504 min Scan# 1243

Delta R.T. 0.000 min

Lab File: BF143348.D

Acq: 12 Aug 2025 11:37

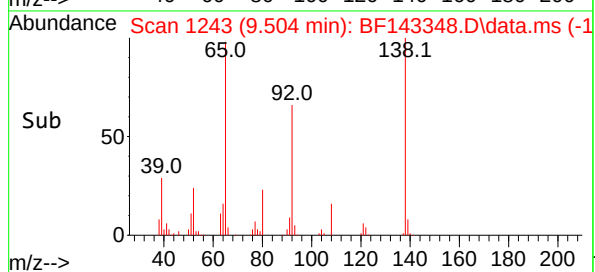
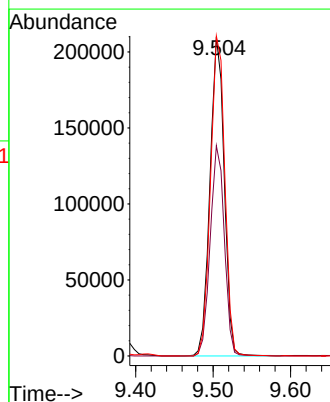
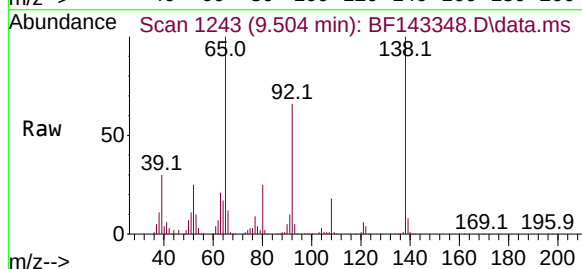
Tgt Ion: 65 Resp: 267630

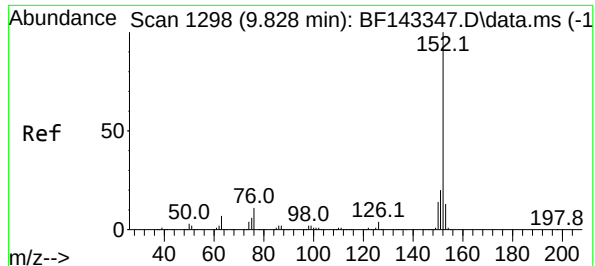
Ion Ratio Lower Upper

65 100

92 66.0 53.1 79.7

138 100.4 81.4 122.0





#49

Acenaphthylene

Concen: 47.424 ng

RT: 9.828 min Scan# 1298

Delta R.T. 0.000 min

Lab File: BF143348.D

Acq: 12 Aug 2025 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

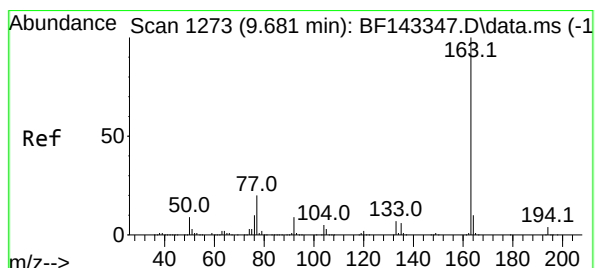
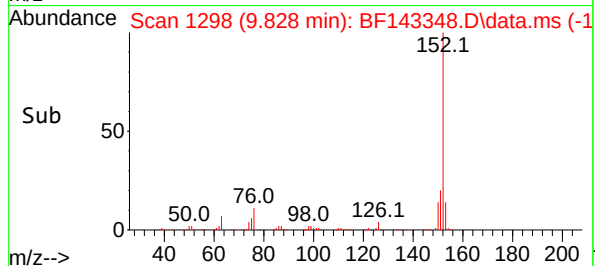
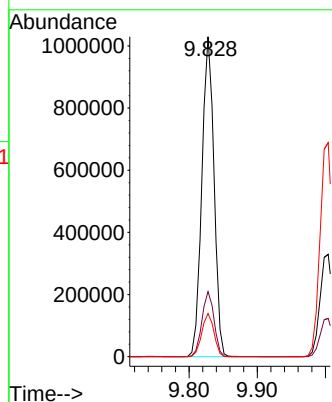
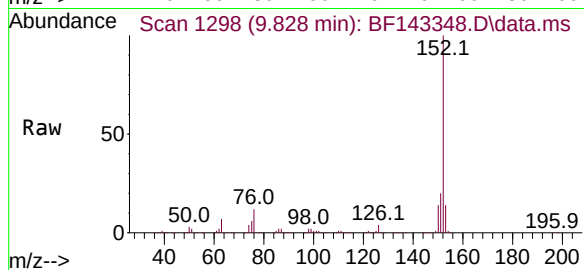
Tgt Ion:152 Resp: 1272878

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.2

153 13.5 10.6 16.0



#50

Dimethylphthalate

Concen: 48.946 ng

RT: 9.681 min Scan# 1273

Delta R.T. 0.000 min

Lab File: BF143348.D

Acq: 12 Aug 2025 11:37

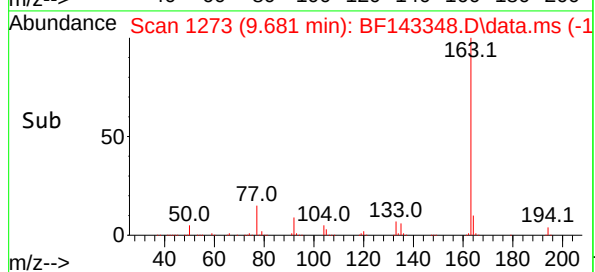
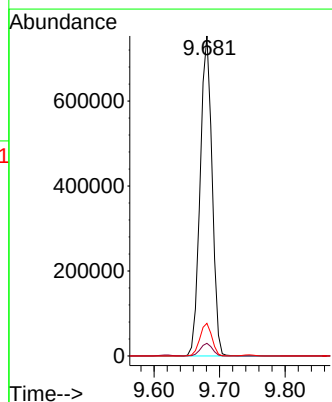
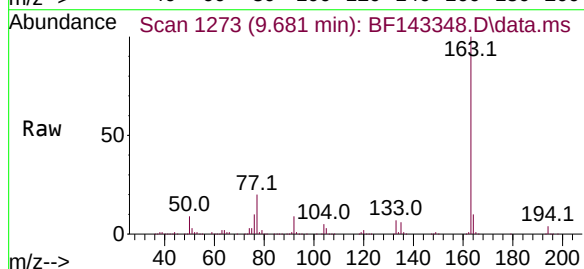
Tgt Ion:163 Resp: 954560

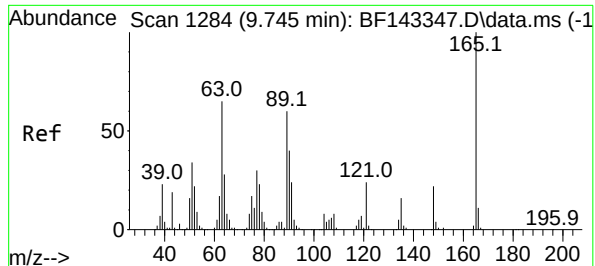
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.2 8.2 12.2

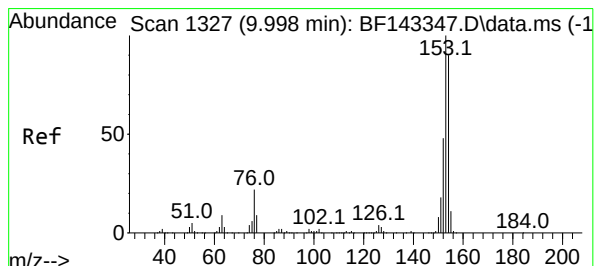
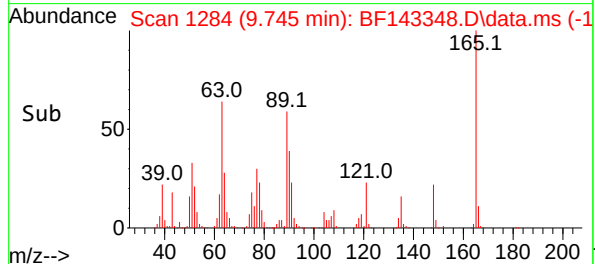
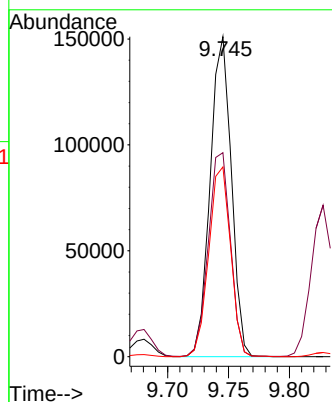
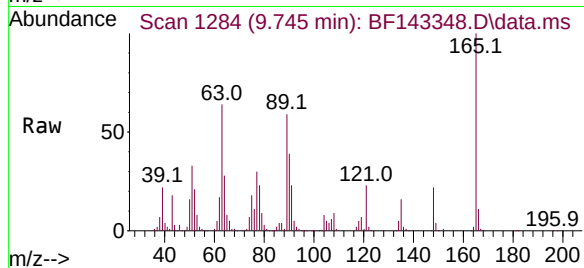




#51
2,6-Dinitrotoluene
Concen: 49.400 ng
RT: 9.745 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

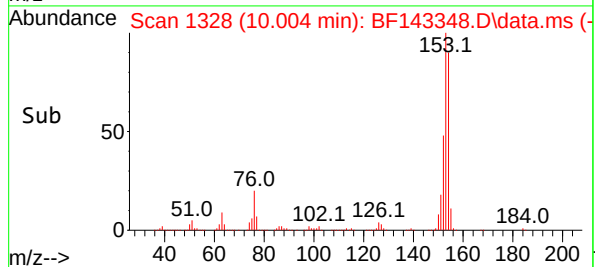
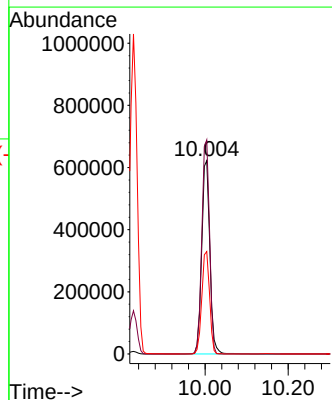
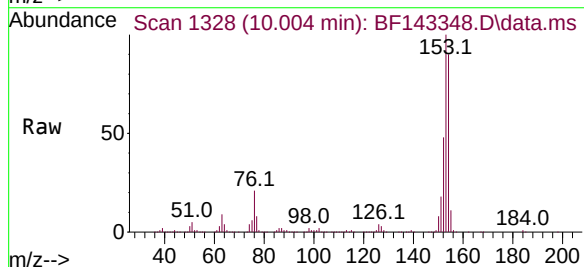
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

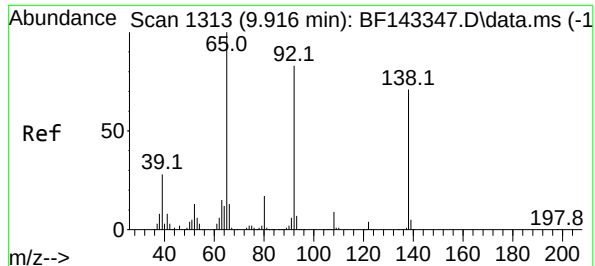
Tgt Ion:165 Resp: 182648
Ion Ratio Lower Upper
165 100
63 63.7 51.6 77.4
89 59.3 47.7 71.5



#52
Acenaphthene
Concen: 47.334 ng
RT: 10.004 min Scan# 1328
Delta R.T. 0.006 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:154 Resp: 844612
Ion Ratio Lower Upper
154 100
153 110.7 88.5 132.7
152 53.0 42.4 63.6

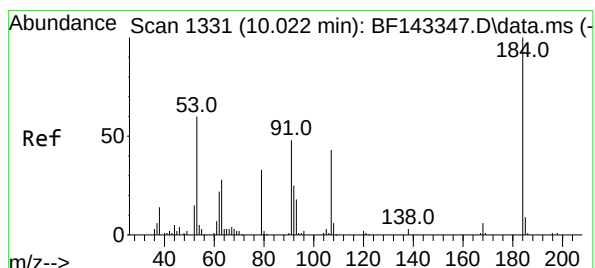
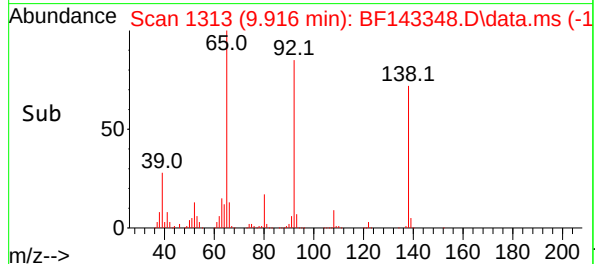
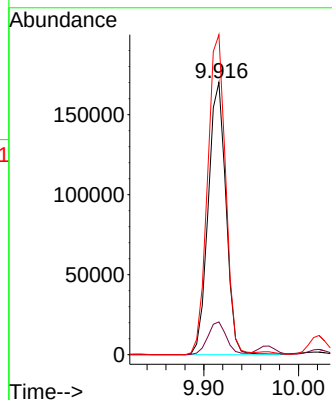
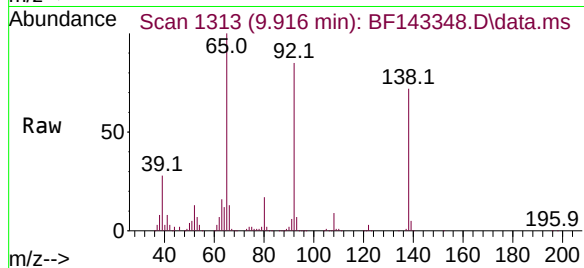




#53
3-Nitroaniline
Concen: 55.316 ng
RT: 9.916 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

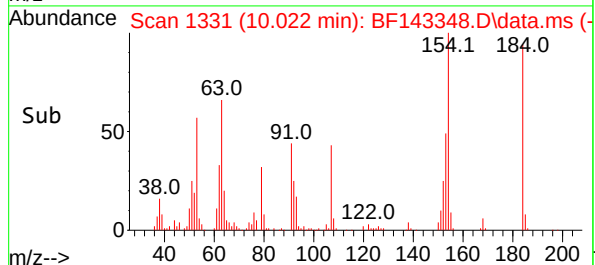
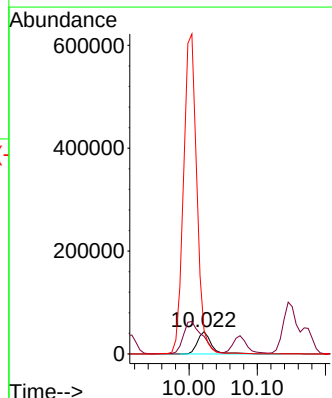
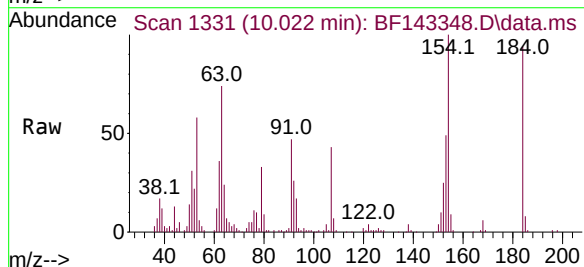
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

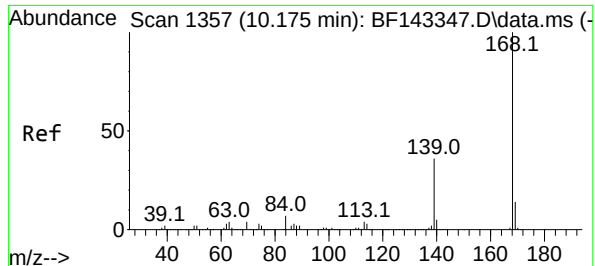
Tgt Ion:138 Resp: 220926
Ion Ratio Lower Upper
138 100
108 12.0 9.6 14.4
92 117.5 93.4 140.2



#54
2,4-Dinitrophenol
Concen: 49.460 ng
RT: 10.022 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:184 Resp: 61169
Ion Ratio Lower Upper
184 100
63 79.2 62.5 93.7
154 106.6 73.0 109.4





#55

Dibenzofuran

Concen: 46.725 ng

RT: 10.175 min Scan# 1357

Delta R.T. 0.000 min

Lab File: BF143348.D

Acq: 12 Aug 2025 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

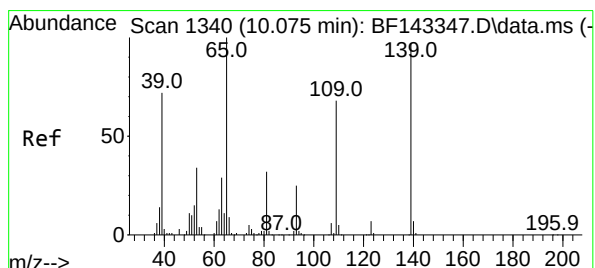
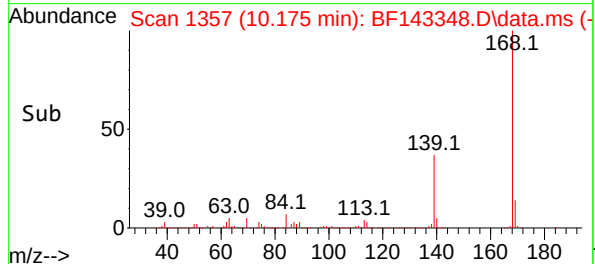
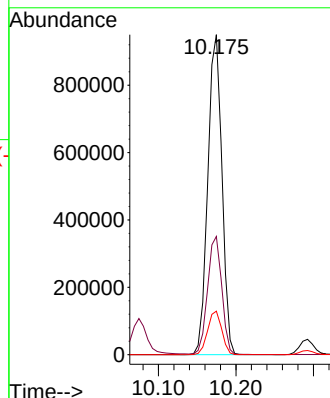
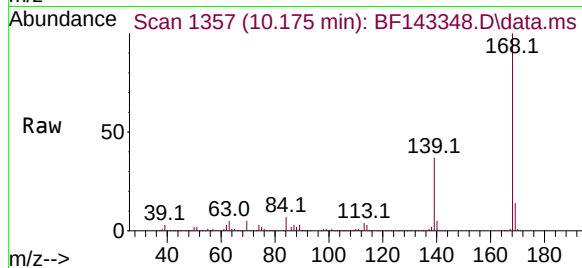
Tgt Ion:168 Resp: 1199947

Ion Ratio Lower Upper

168 100

139 37.0 29.4 44.0

169 13.6 11.0 16.6



#56

4-Nitrophenol

Concen: 49.286 ng

RT: 10.075 min Scan# 1340

Delta R.T. -0.000 min

Lab File: BF143348.D

Acq: 12 Aug 2025 11:37

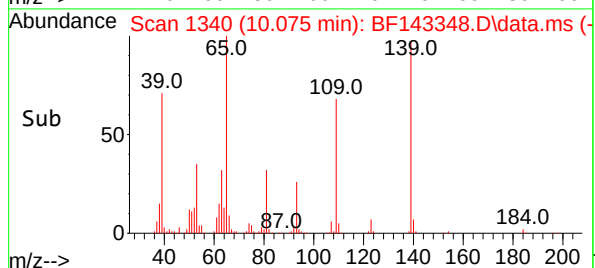
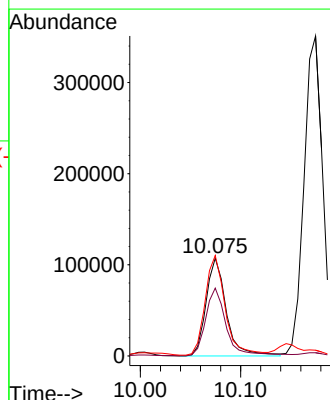
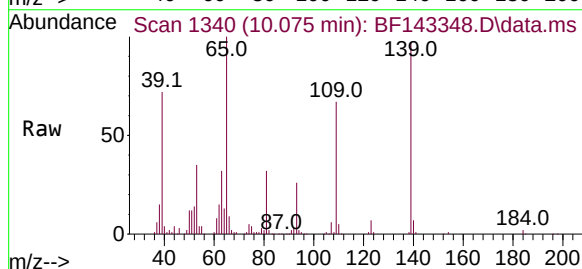
Tgt Ion:139 Resp: 150114

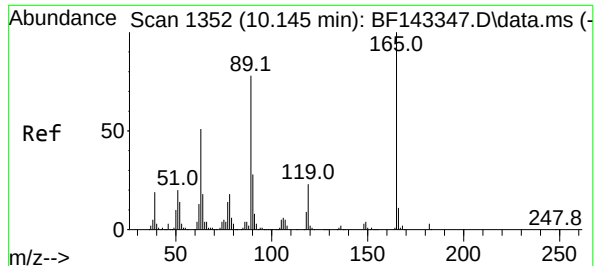
Ion Ratio Lower Upper

139 100

109 69.4 49.4 89.4

65 102.9 83.7 123.7

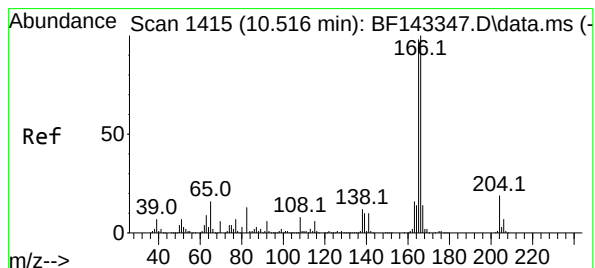
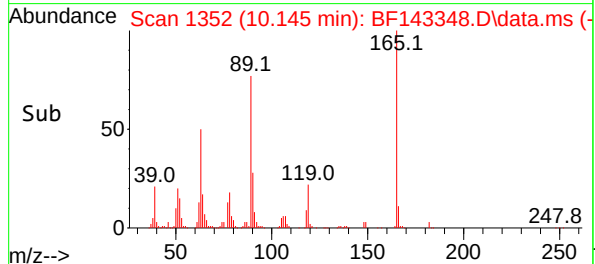
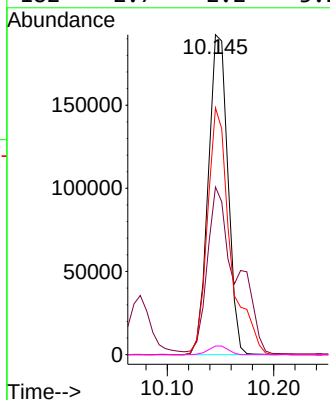
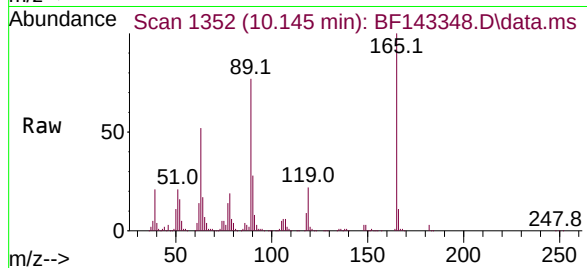




#57
2,4-Dinitrotoluene
Concen: 50.215 ng
RT: 10.145 min Scan# 1352
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

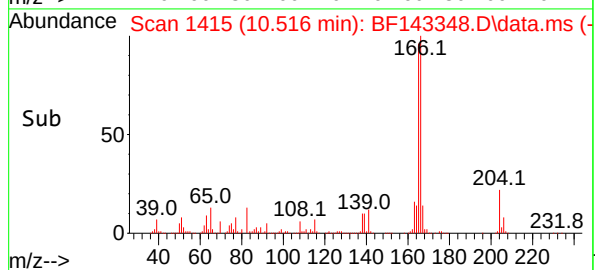
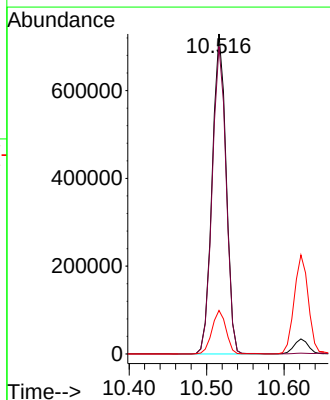
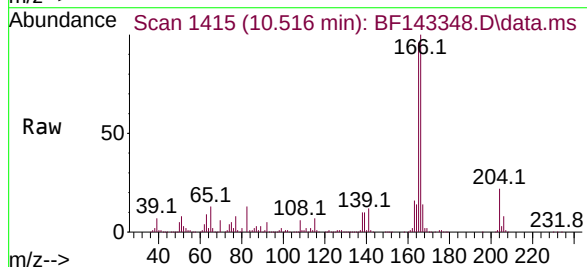
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

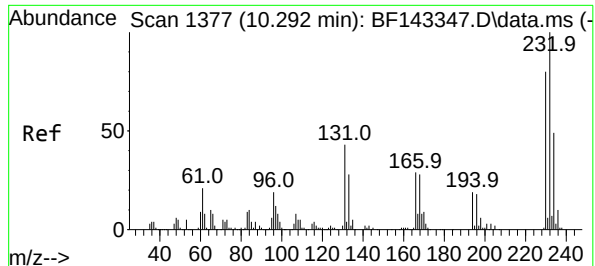
Tgt Ion	165	Resp	246635
Ion Ratio	Lower	Upper	
165	100		
63	52.4	41.8	62.8
89	77.1	62.4	93.6
182	2.7	2.2	3.2



#58
Fluorene
Concen: 46.411 ng
RT: 10.516 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion	166	Resp	910380
Ion Ratio	Lower	Upper	
166	100		
165	96.1	78.2	117.4
167	13.6	10.9	16.3

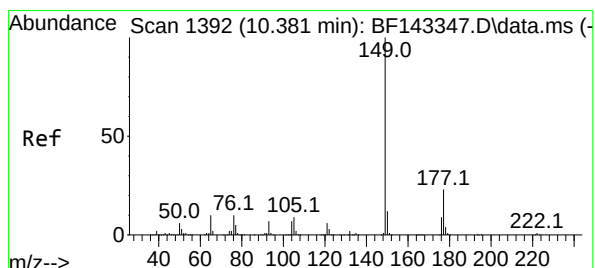
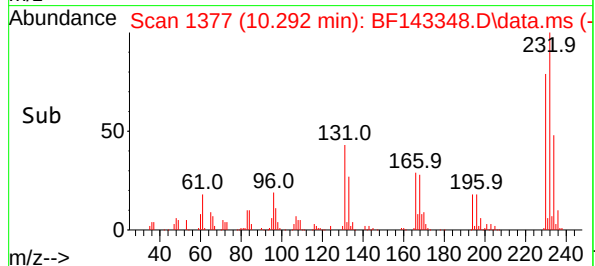
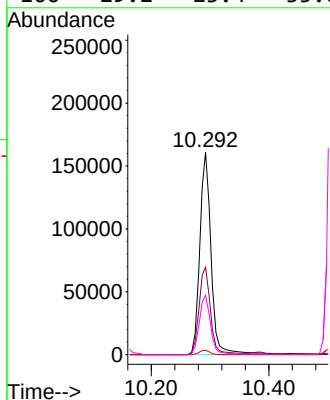
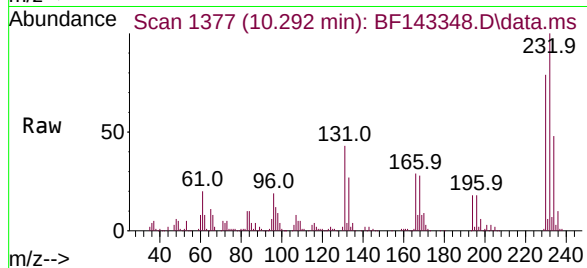




#59
2,3,4,6-Tetrachlorophenol
Concen: 54.543 ng
RT: 10.292 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

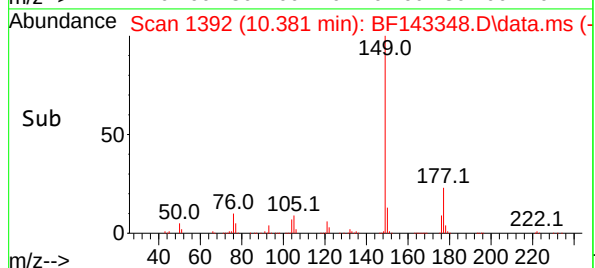
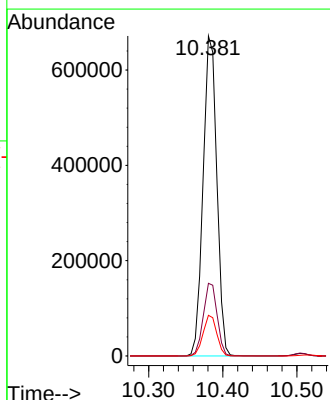
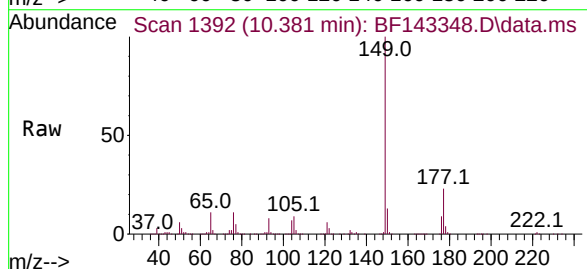
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

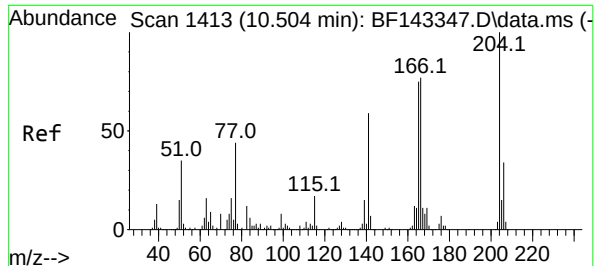
Tgt Ion:232 Resp: 215158
Ion Ratio Lower Upper
232 100
131 43.7 34.6 51.8
130 2.1 1.7 2.5
166 29.2 23.4 35.0



#60
Diethylphthalate
Concen: 49.540 ng
RT: 10.381 min Scan# 1392
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:149 Resp: 865395
Ion Ratio Lower Upper
149 100
177 22.7 18.2 27.2
150 12.7 9.9 14.9

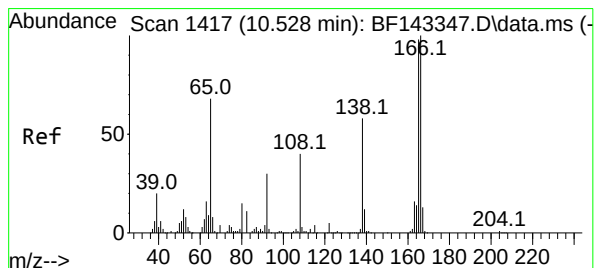
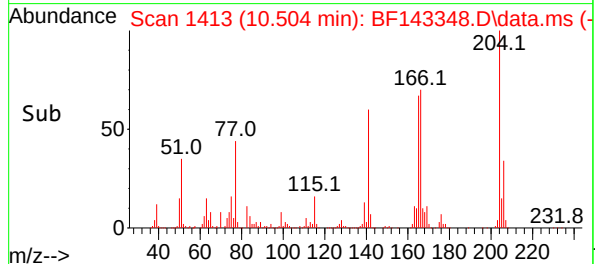
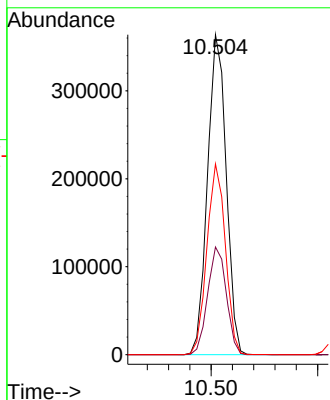
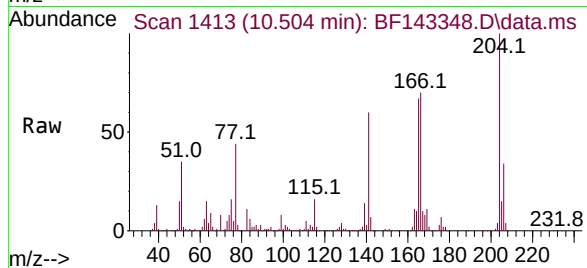




#61
4-Chlorophenyl-phenylether
Concen: 46.885 ng
RT: 10.504 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

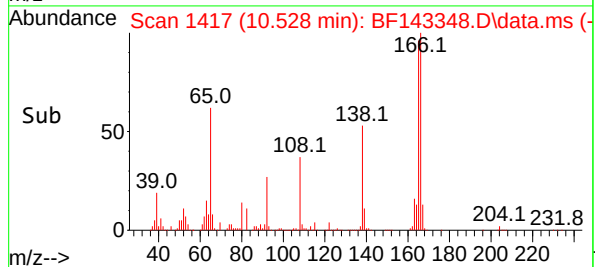
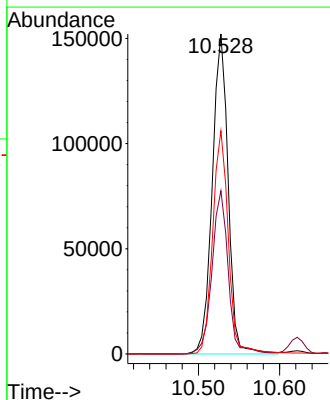
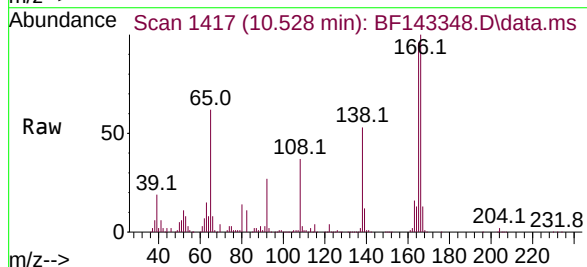
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

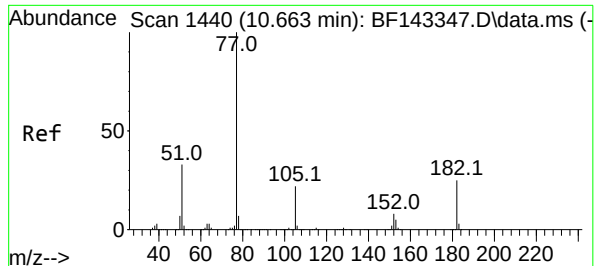
Tgt Ion:204 Resp: 444383
Ion Ratio Lower Upper
204 100
206 33.7 27.4 41.2
141 59.6 46.9 70.3



#62
4-Nitroaniline
Concen: 53.618 ng
RT: 10.528 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:138 Resp: 207188
Ion Ratio Lower Upper
138 100
92 51.0 31.2 71.2
108 69.7 48.1 88.1

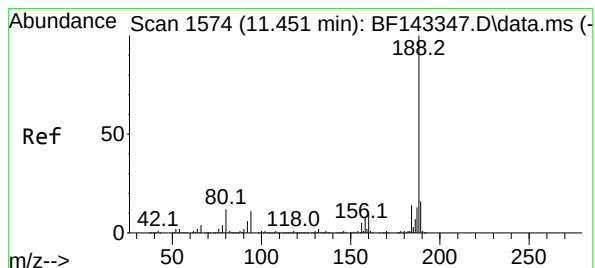
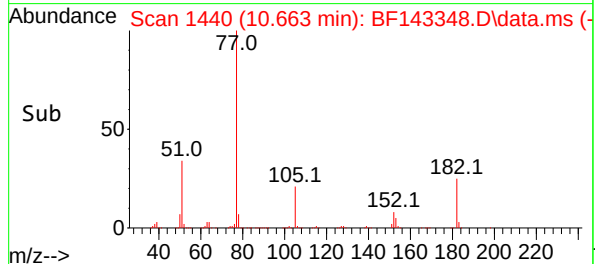
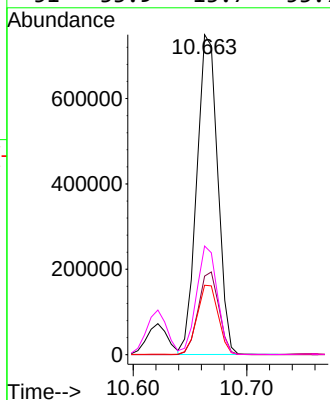
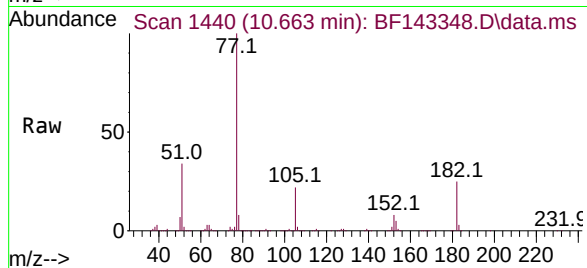




#63
Azobenzene
Concen: 47.978 ng
RT: 10.663 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

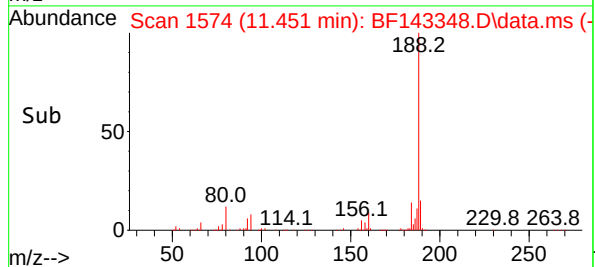
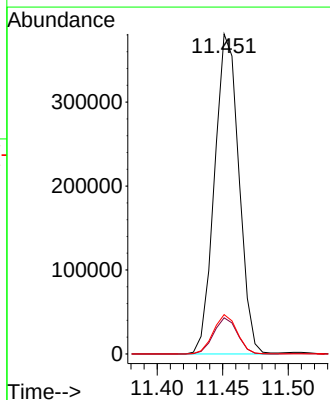
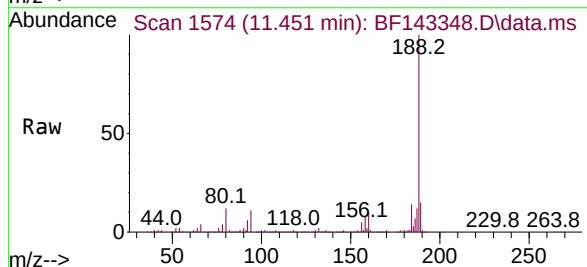
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

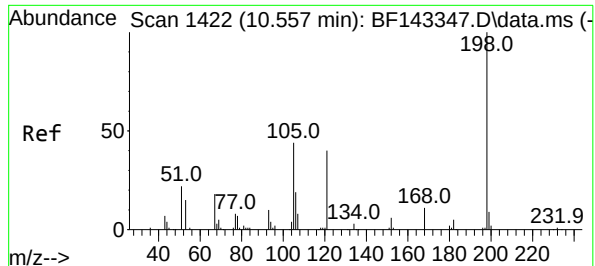
Tgt Ion:	77	Resp:	957306
Ion	Ratio	Lower	Upper
77	100		
182	24.6	4.4	44.4
105	21.7	1.8	41.8
51	33.9	13.7	53.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:	188	Resp:	492512
Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.8	13.2
80	12.3	9.7	14.5

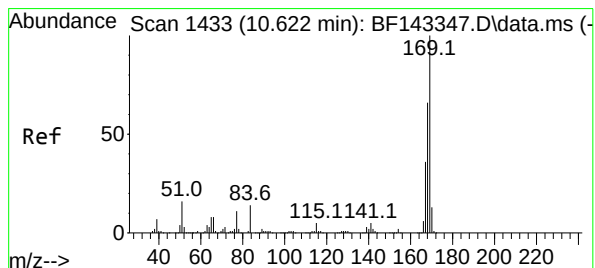
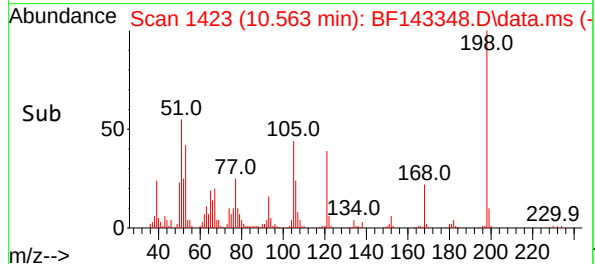
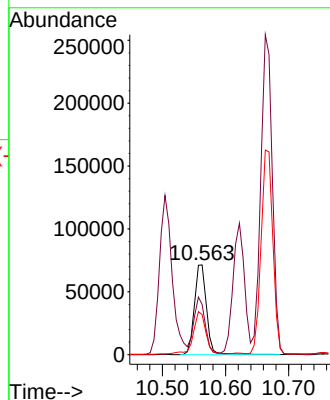
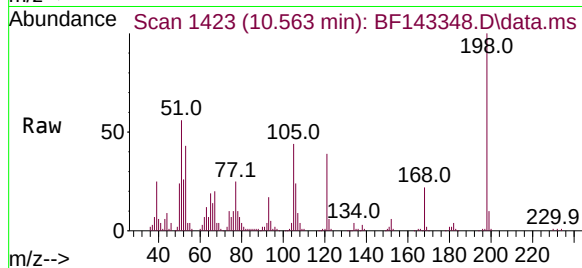




#65
4,6-Dinitro-2-methylphenol
Concen: 47.856 ng
RT: 10.563 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

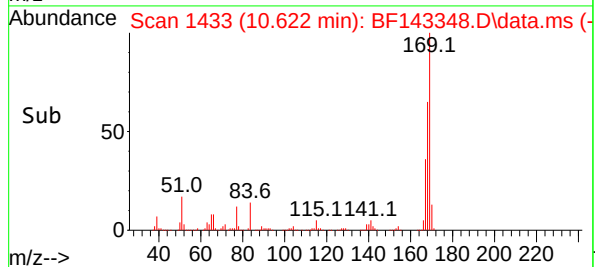
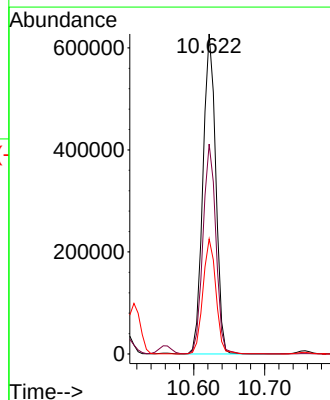
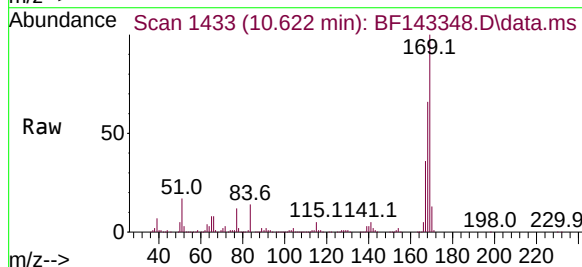
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

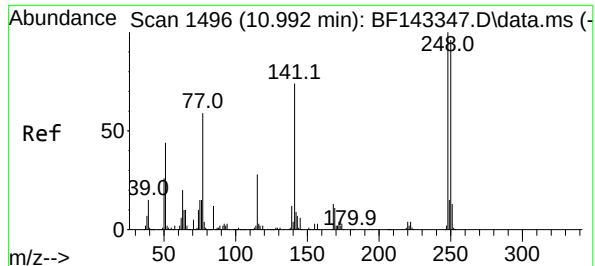
Tgt Ion	Ratio	Lower	Upper
198	100		
51	56.0	41.7	81.7
105	44.5	26.8	66.8



#66
n-Nitrosodiphenylamine
Concen: 48.549 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.6	52.7	79.1
167	36.0	28.6	42.8

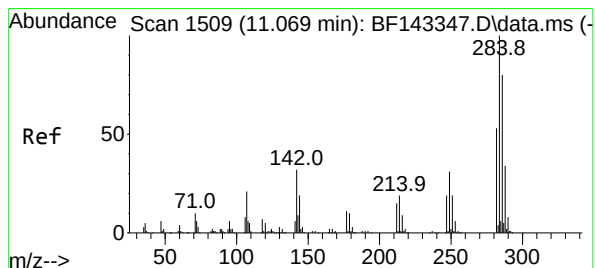
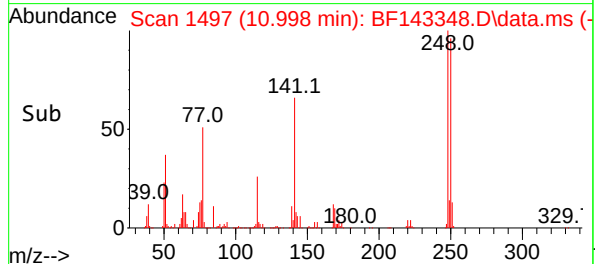
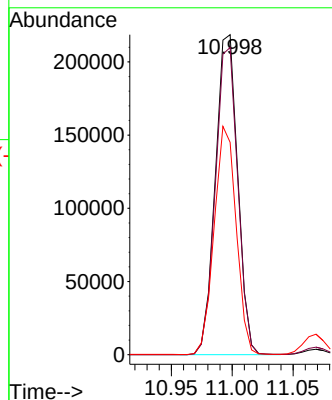
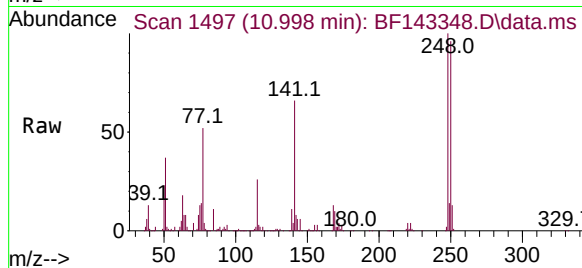




#67
4-Bromophenyl-phenylether
Concen: 49.660 ng
RT: 10.998 min Scan# 1496
Delta R.T. 0.006 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

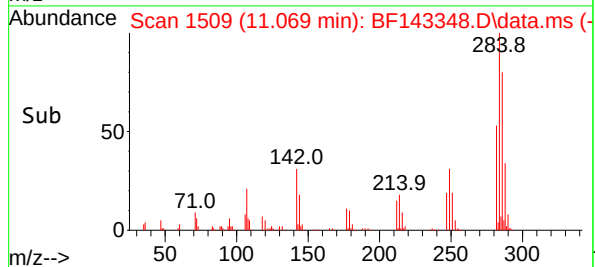
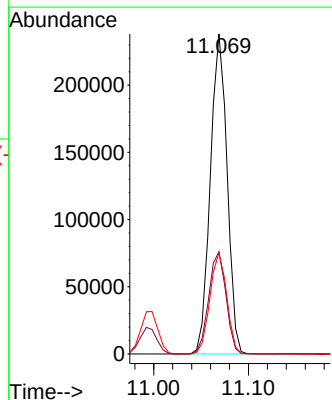
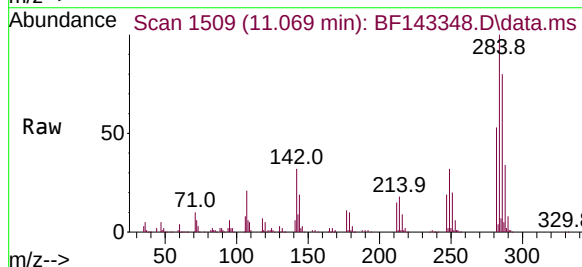
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

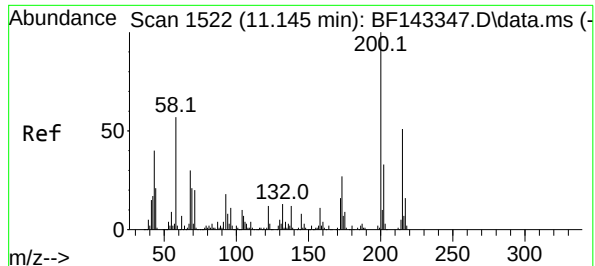
Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.0	77.1	115.7
141	66.3	59.1	88.7



#68
Hexachlorobenzene
Concen: 48.079 ng
RT: 11.069 min Scan# 1509
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.0	25.7	38.5
249	31.6	24.6	37.0





#69

Atrazine

Concen: 52.254 ng

RT: 11.145 min Scan# 1522

Delta R.T. 0.000 min

Lab File: BF143348.D

Acq: 12 Aug 2025 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

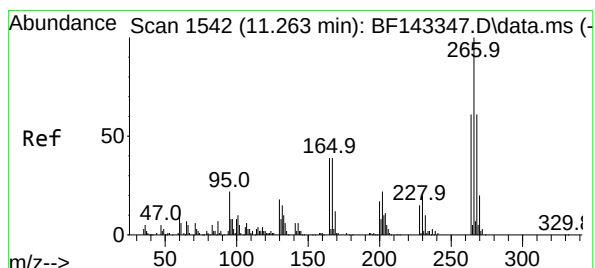
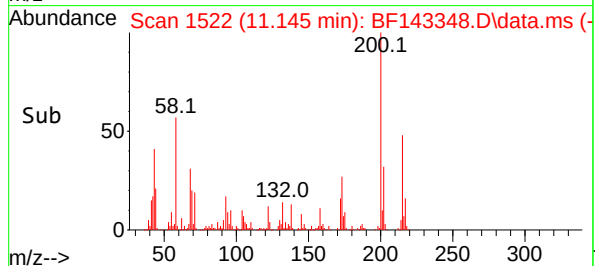
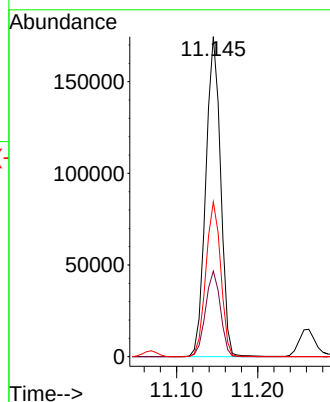
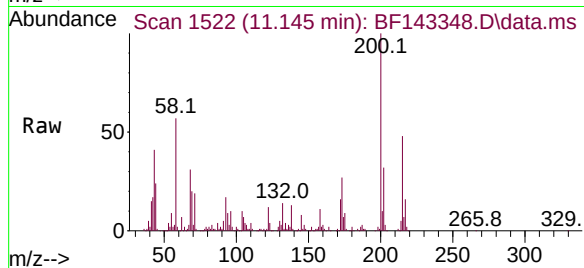
Tgt Ion:200 Resp: 221025

Ion Ratio Lower Upper

200 100

173 26.7 6.6 46.6

215 48.4 30.6 70.6



#70

Pentachlorophenol

Concen: 49.342 ng

RT: 11.263 min Scan# 1542

Delta R.T. -0.000 min

Lab File: BF143348.D

Acq: 12 Aug 2025 11:37

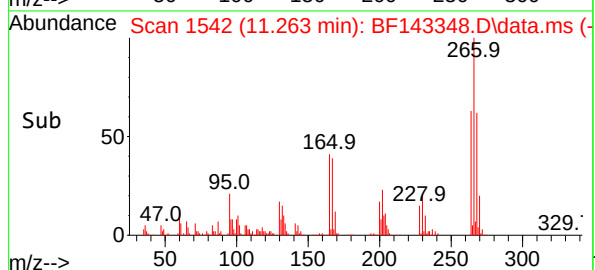
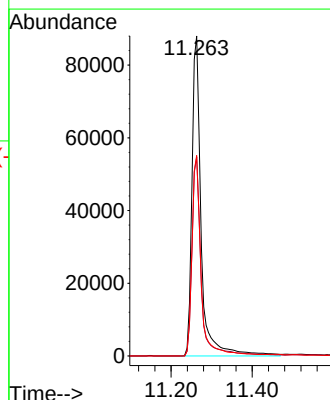
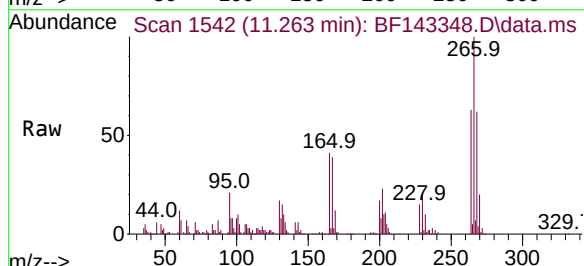
Tgt Ion:266 Resp: 139359

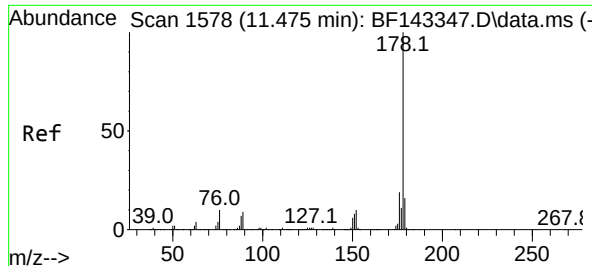
Ion Ratio Lower Upper

266 100

268 62.2 48.8 73.2

264 62.6 48.8 73.2

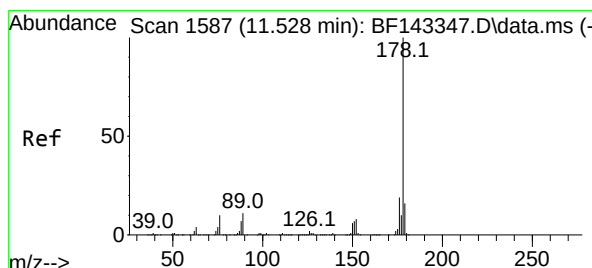
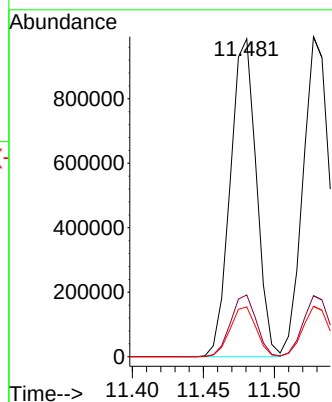
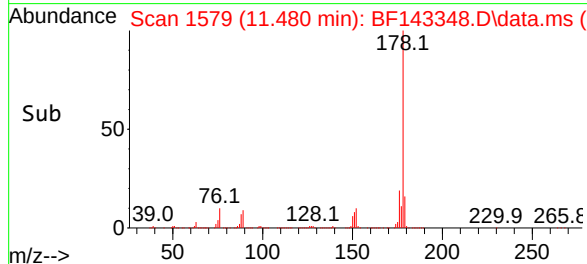
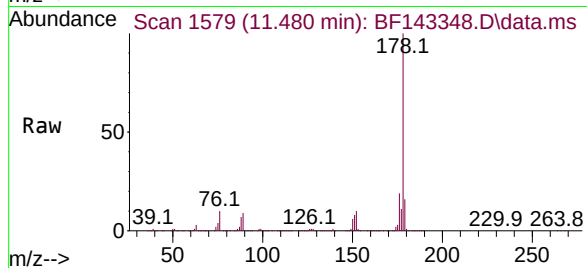




#71
Phenanthrene
Concen: 46.830 ng
RT: 11.480 min Scan# 1578
Delta R.T. 0.006 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

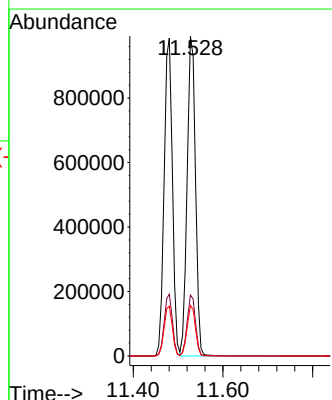
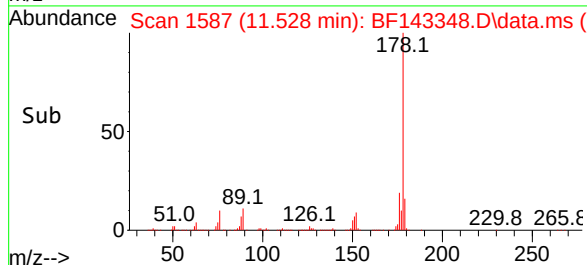
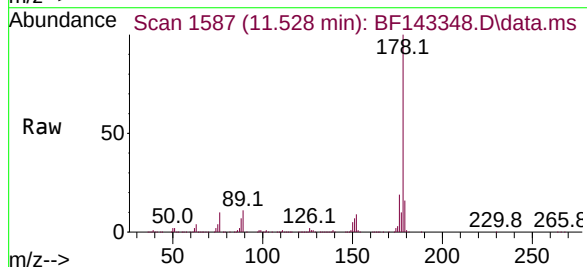
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

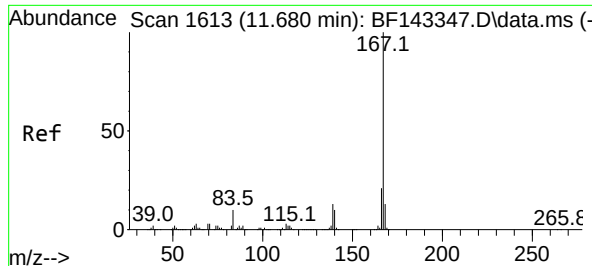
Tgt Ion:178 Resp: 1258386
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.7 12.5 18.7



#72
Anthracene
Concen: 47.123 ng
RT: 11.528 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:178 Resp: 1284165
Ion Ratio Lower Upper
178 100
176 19.1 15.1 22.7
179 15.8 12.7 19.1

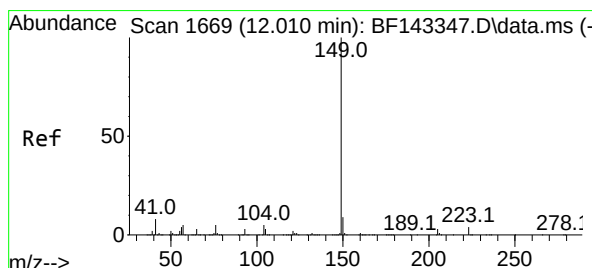
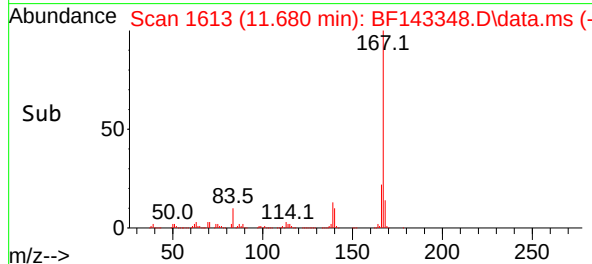
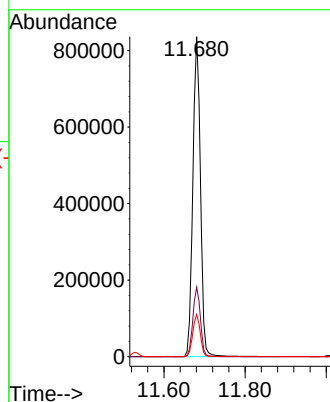
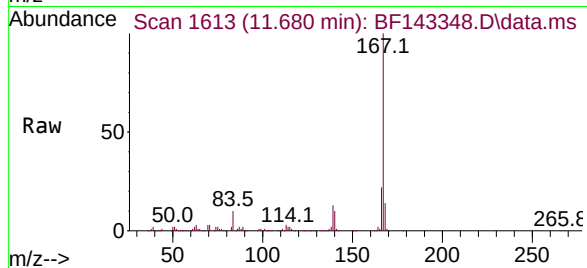




#73
Carbazole
Concen: 46.654 ng
RT: 11.680 min Scan# 1613
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

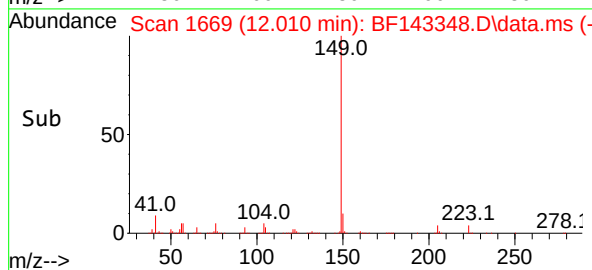
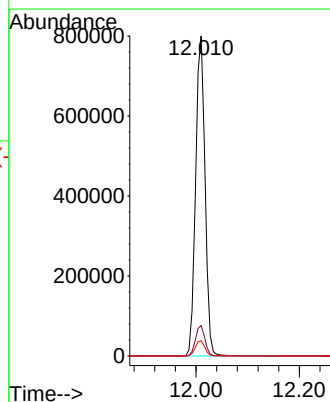
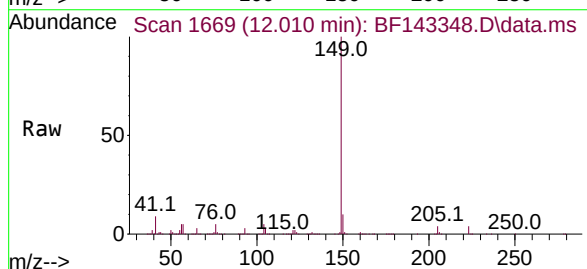
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

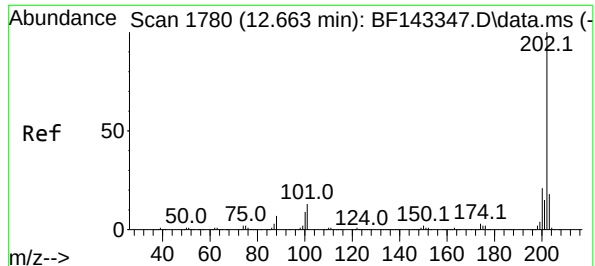
Tgt Ion:167 Resp: 1082772
Ion Ratio Lower Upper
167 100
166 21.8 16.8 25.2
139 13.2 10.2 15.2



#74
Di-n-butylphthalate
Concen: 51.345 ng
RT: 12.010 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:149 Resp: 1008389
Ion Ratio Lower Upper
149 100
150 9.5 7.4 11.0
104 4.8 3.8 5.8

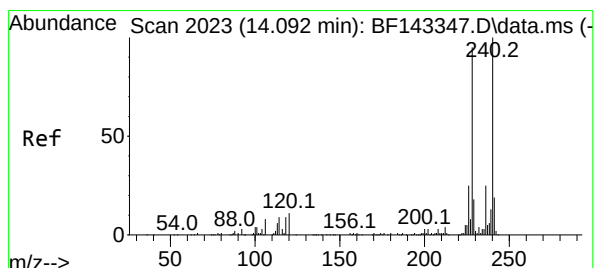
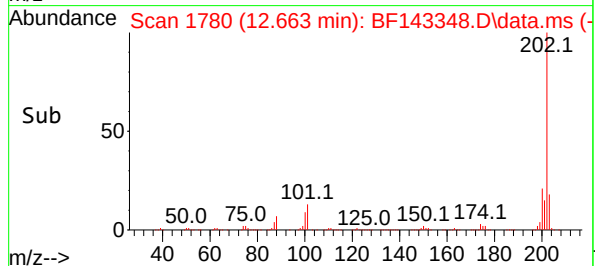
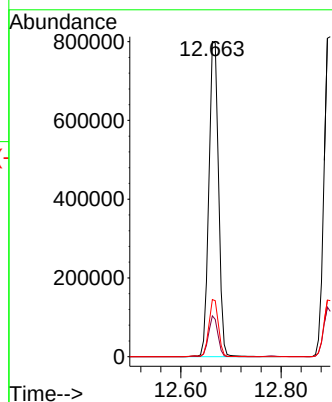
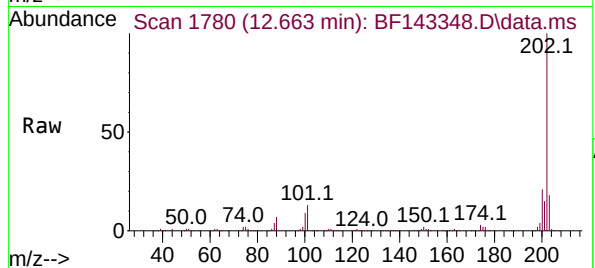




#75
Fluoranthene
Concen: 45.641 ng
RT: 12.663 min Scan# 1780
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

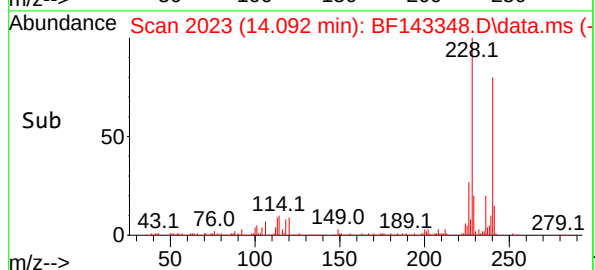
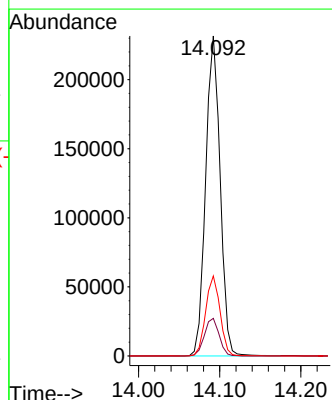
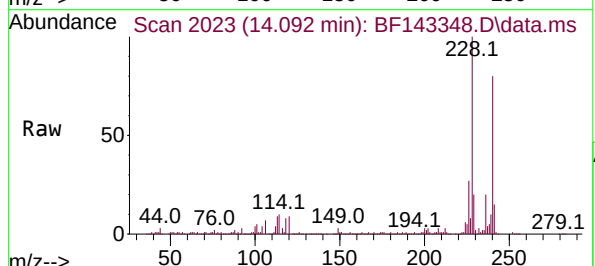
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

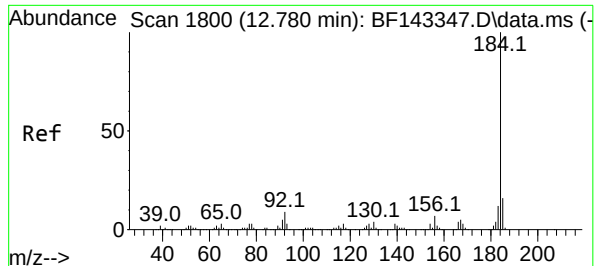
Tgt Ion:202 Resp: 1074315
Ion Ratio Lower Upper
202 100
101 13.0 0.0 33.2
203 18.1 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:240 Resp: 286106
Ion Ratio Lower Upper
240 100
120 11.8 9.0 13.6
236 25.0 19.9 29.9





#77

Benzidine

Concen: 50.186 ng

RT: 12.780 min Scan# 1800

Delta R.T. 0.000 min

Lab File: BF143348.D

Acq: 12 Aug 2025 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

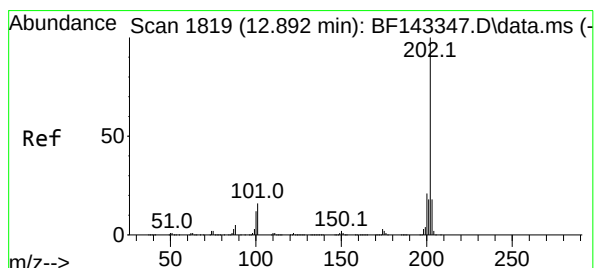
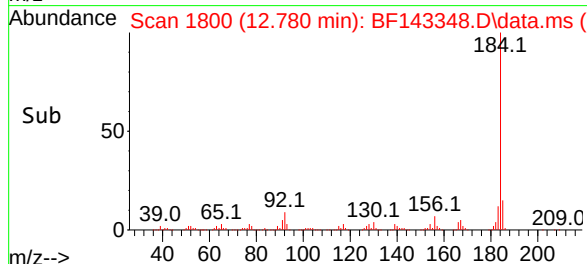
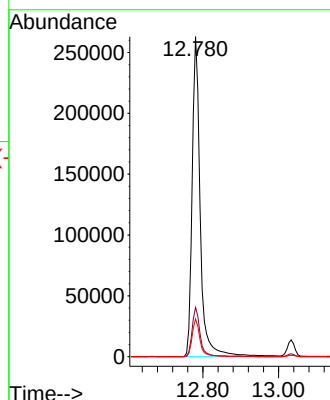
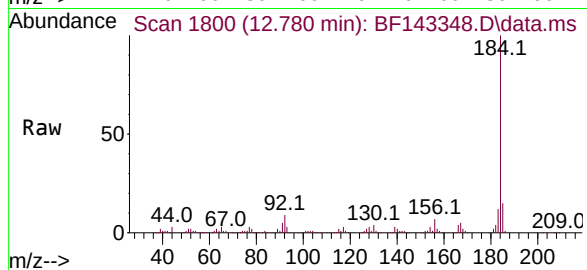
Tgt Ion:184 Resp: 392548

Ion Ratio Lower Upper

184 100

185 15.4 12.8 19.2

183 11.7 9.3 13.9



#78

Pyrene

Concen: 45.078 ng

RT: 12.898 min Scan# 1820

Delta R.T. 0.006 min

Lab File: BF143348.D

Acq: 12 Aug 2025 11:37

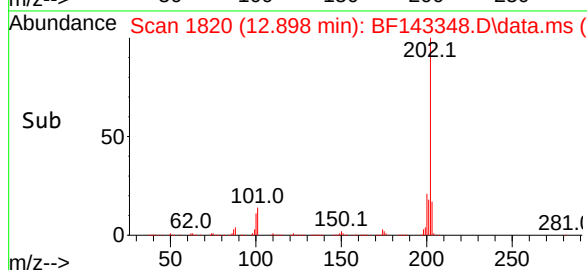
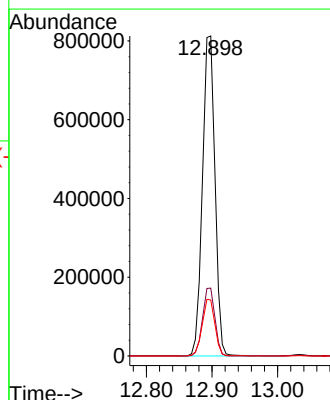
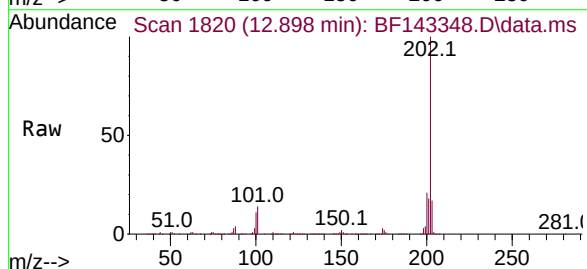
Tgt Ion:202 Resp: 1081940

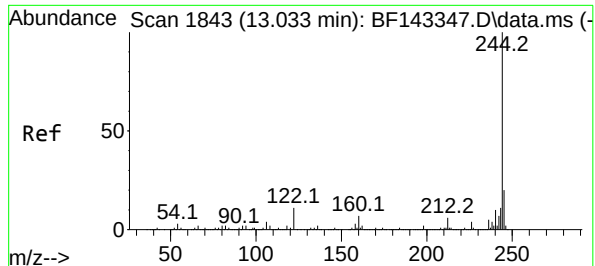
Ion Ratio Lower Upper

202 100

200 21.2 16.8 25.2

203 17.5 14.2 21.4





#79

Terphenyl-d14

Concen: 87.090 ng

RT: 13.033 min Scan# 1843

Delta R.T. 0.000 min

Lab File: BF143348.D

Acq: 12 Aug 2025 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

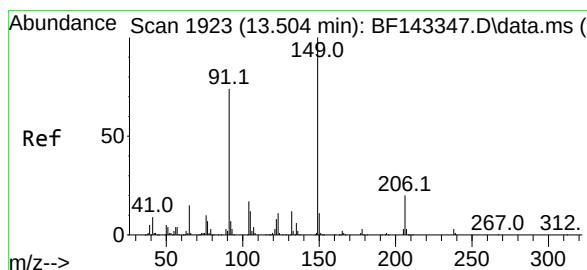
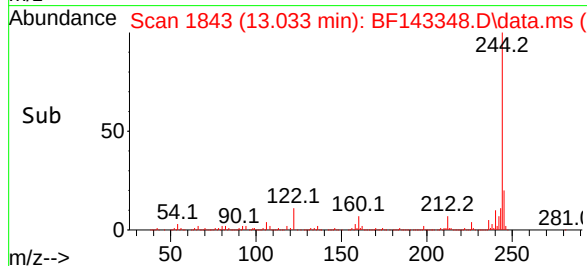
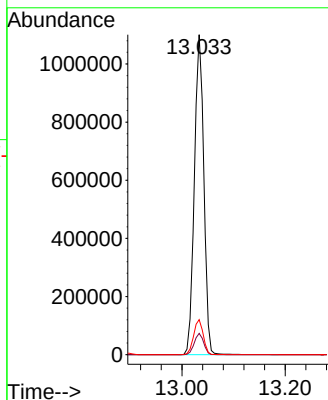
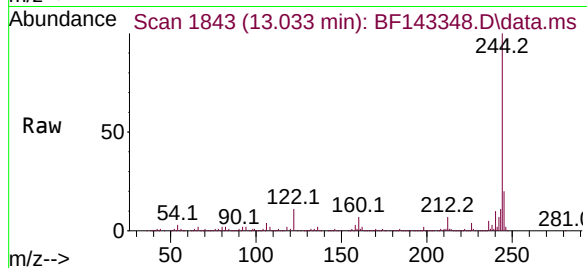
Tgt Ion:244 Resp: 1395642

Ion Ratio Lower Upper

244 100

212 6.7 5.1 7.7

122 10.9 8.9 13.3



#80

Butylbenzylphthalate

Concen: 48.268 ng

RT: 13.504 min Scan# 1923

Delta R.T. -0.000 min

Lab File: BF143348.D

Acq: 12 Aug 2025 11:37

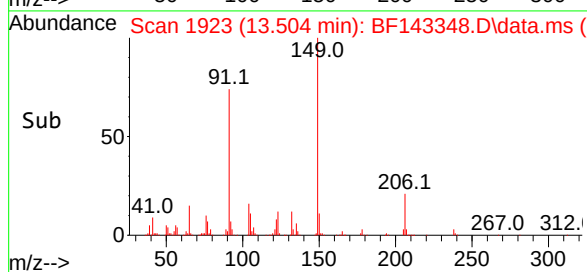
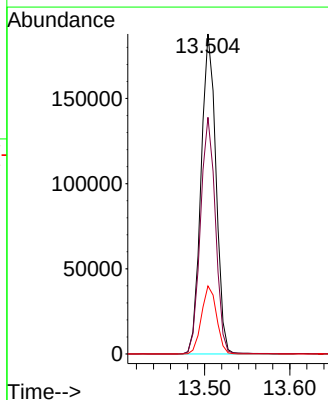
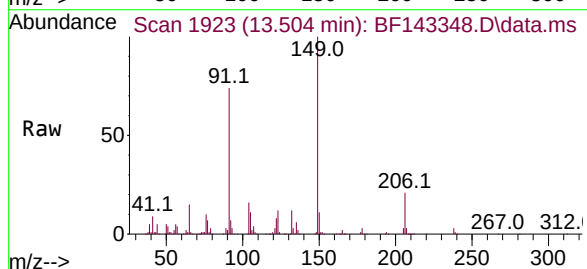
Tgt Ion:149 Resp: 229034

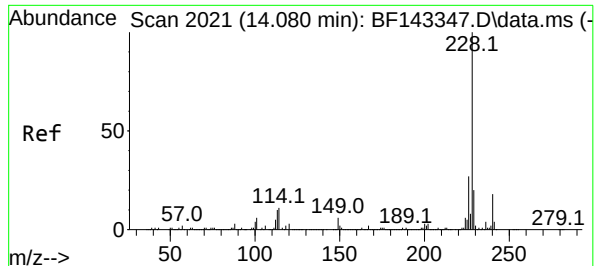
Ion Ratio Lower Upper

149 100

91 73.9 58.8 88.2

206 21.3 16.4 24.6

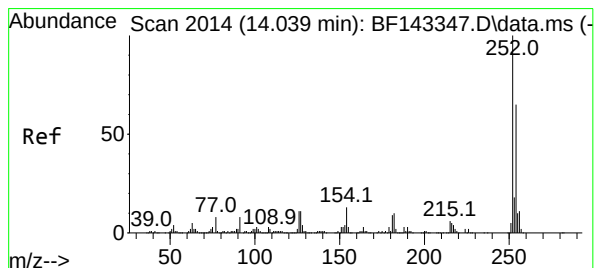
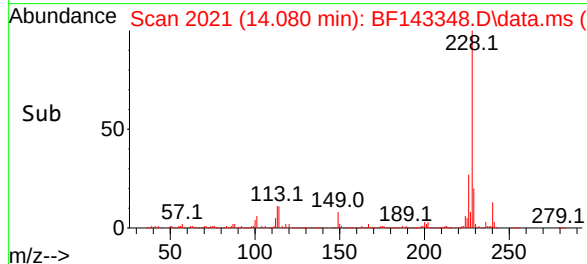
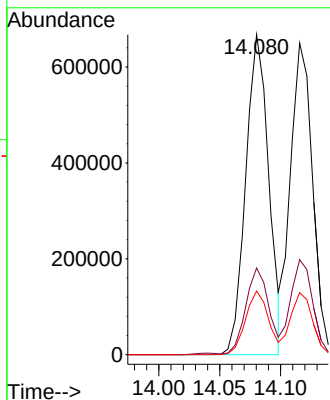
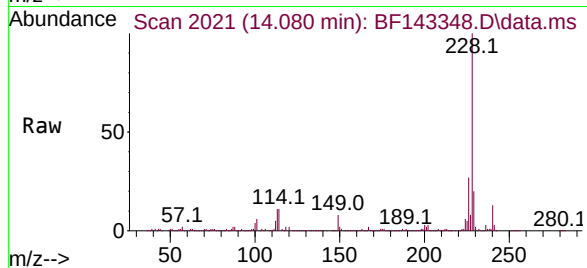




#81
Benzo(a)anthracene
Concen: 48.327 ng
RT: 14.080 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

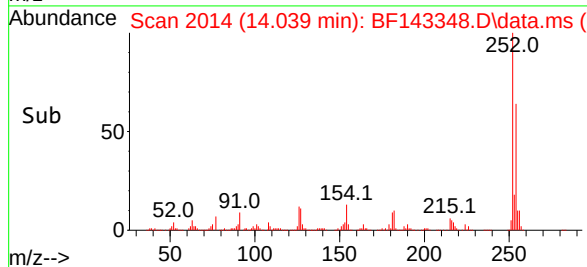
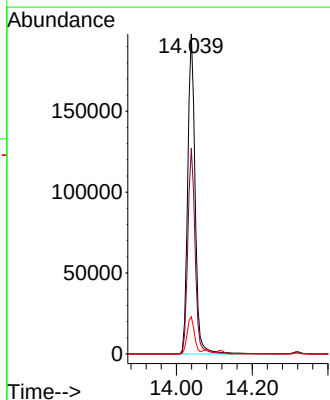
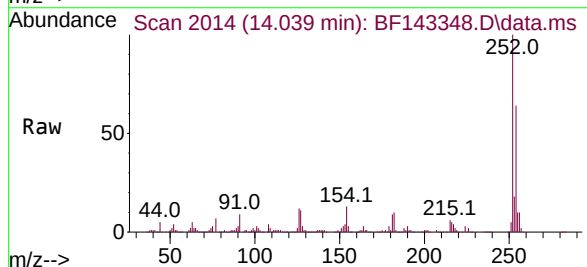
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

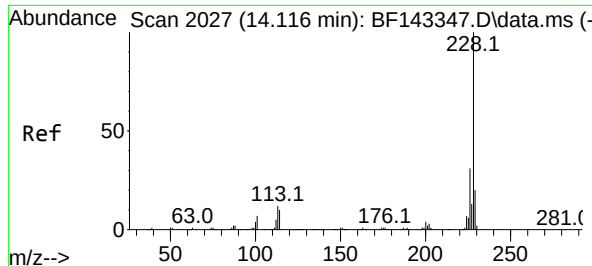
Tgt Ion:228 Resp: 878814
Ion Ratio Lower Upper
228 100
226 27.1 22.0 33.0
229 19.9 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 54.417 ng
RT: 14.039 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:252 Resp: 267204
Ion Ratio Lower Upper
252 100
254 64.2 51.7 77.5
126 11.7 9.2 13.8

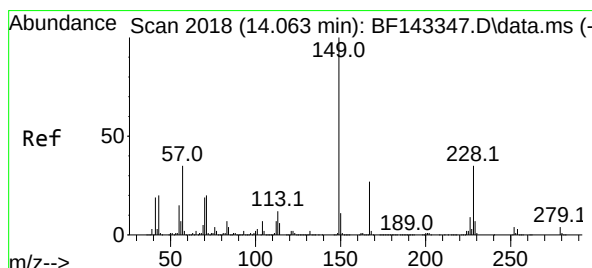
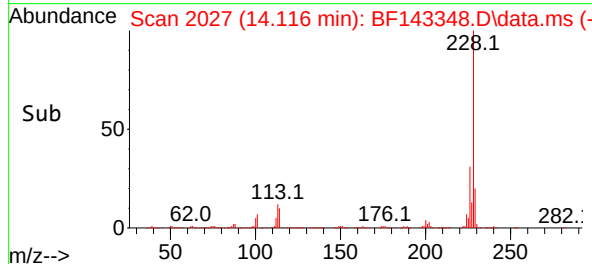
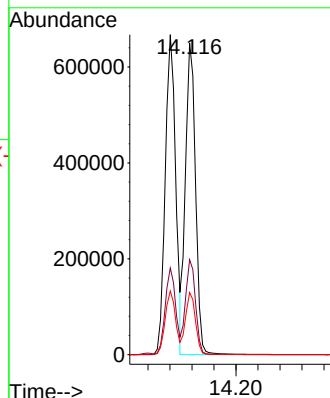
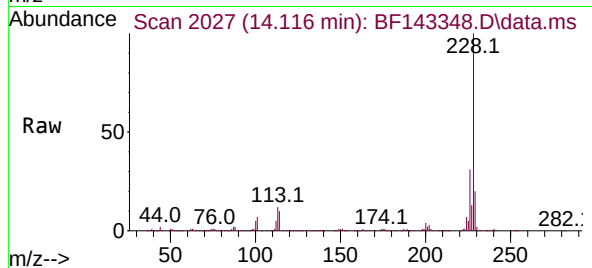




#83
Chrysene
Concen: 49.049 ng
RT: 14.116 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

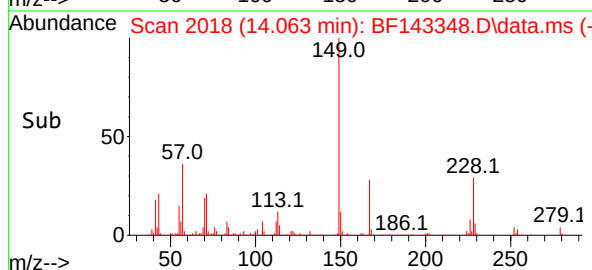
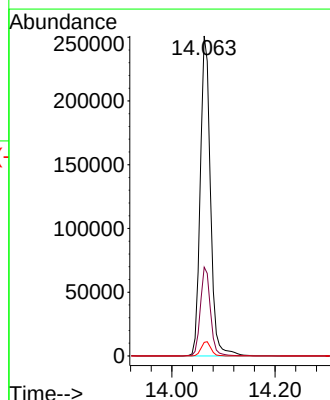
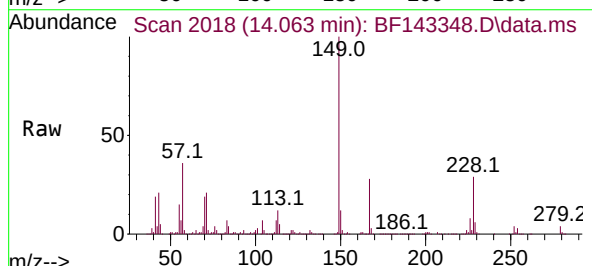
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

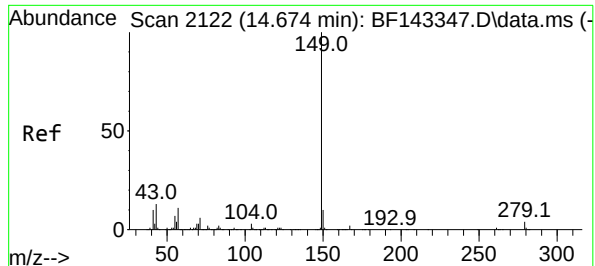
Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.2	36.2
229	19.9	15.8	23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.921 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.7	21.4	32.0
279	4.3	3.2	4.8

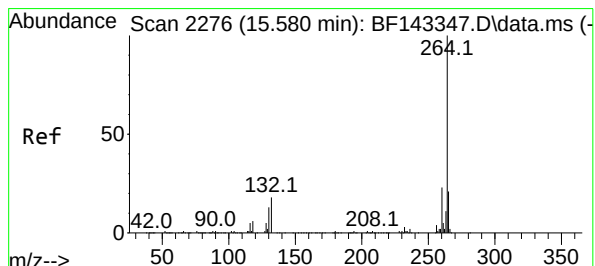
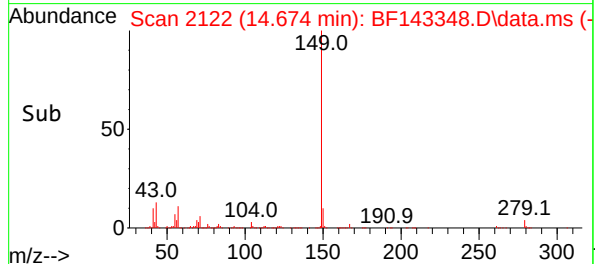
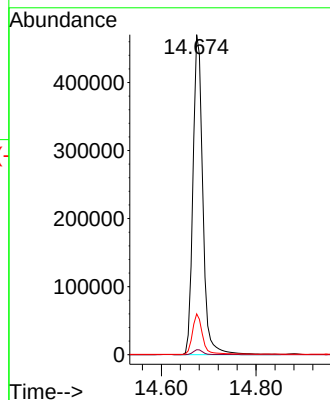
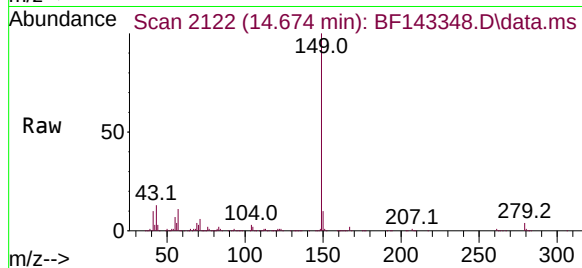




#85
Di-n-octyl phthalate
Concen: 48.572 ng
RT: 14.674 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

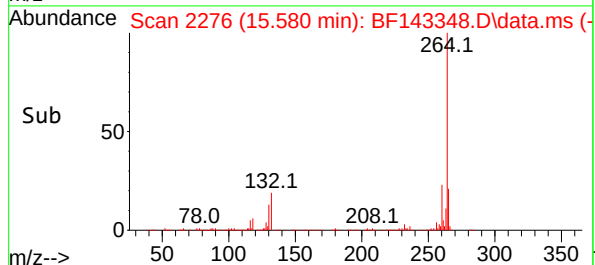
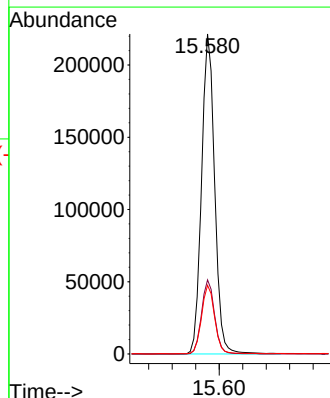
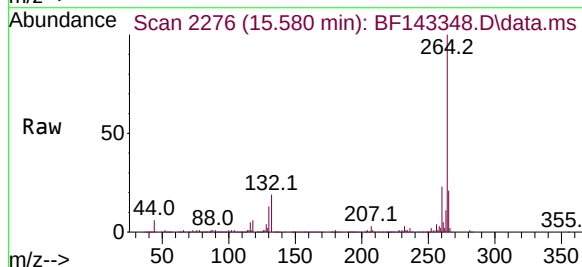
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

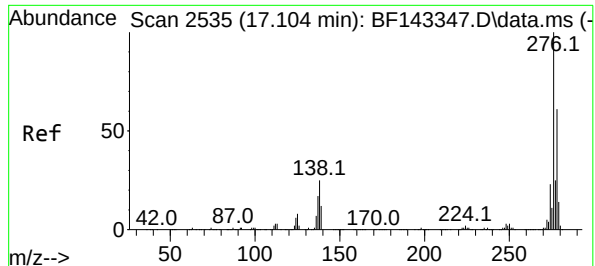
Tgt Ion:149 Resp: 675816
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.1 10.8 16.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2276
Delta R.T. 0.000 min
Lab File: BF143348.D
Acq: 12 Aug 2025 11:37

Tgt Ion:264 Resp: 342458
Ion Ratio Lower Upper
264 100
260 23.2 18.7 28.1
265 21.4 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.566 ng

RT: 17.110 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF143348.D

Acq: 12 Aug 2025 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

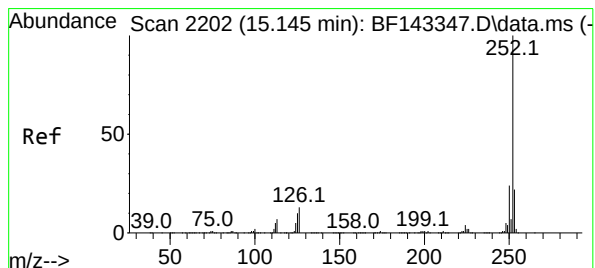
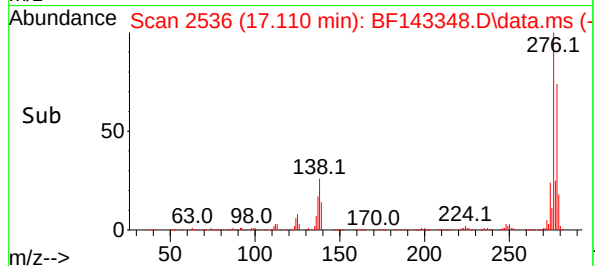
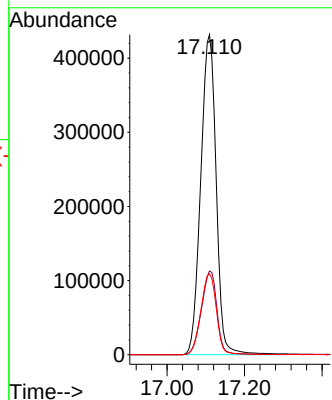
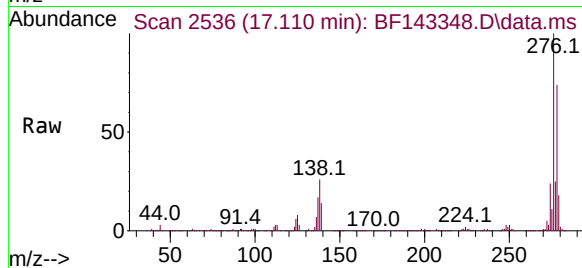
Tgt Ion:276 Resp: 1191556

Ion Ratio Lower Upper

276 100

138 26.3 21.1 31.7

277 25.4 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 47.812 ng

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: BF143348.D

Acq: 12 Aug 2025 11:37

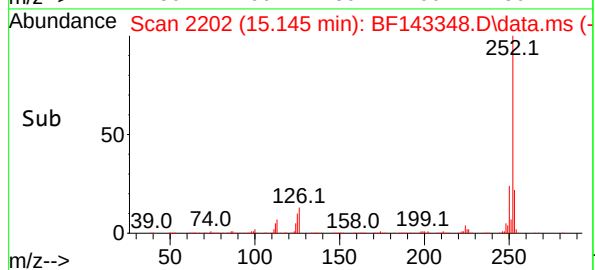
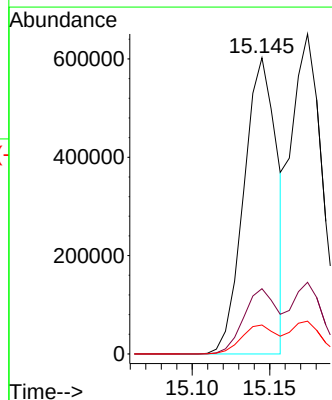
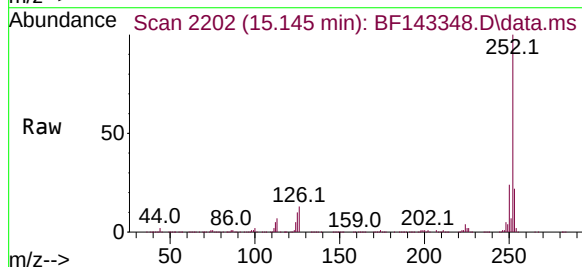
Tgt Ion:252 Resp: 895570

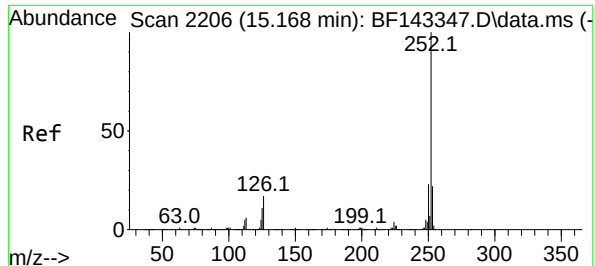
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 9.8 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 49.555 ng

RT: 15.174 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF143348.D

Acq: 12 Aug 2025 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

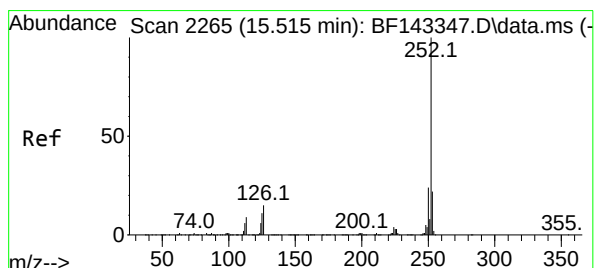
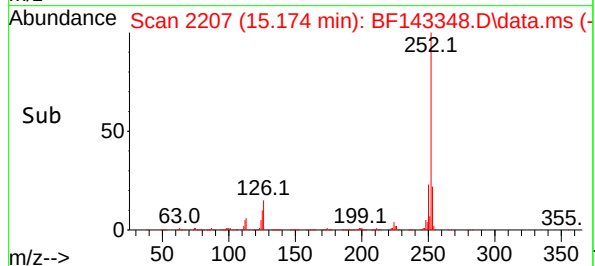
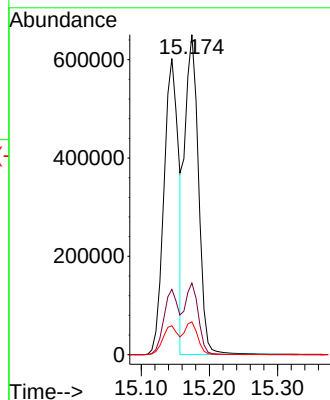
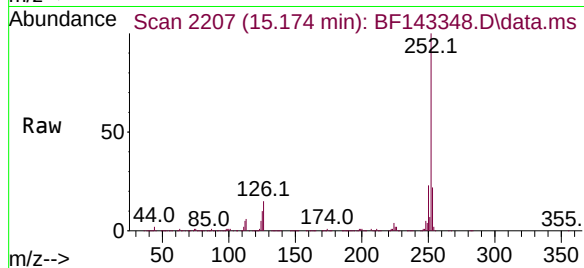
Tgt Ion:252 Resp: 901937

Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

125 10.3 8.4 12.6



#90

Benzo(a)pyrene

Concen: 49.098 ng

RT: 15.521 min Scan# 2266

Delta R.T. 0.006 min

Lab File: BF143348.D

Acq: 12 Aug 2025 11:37

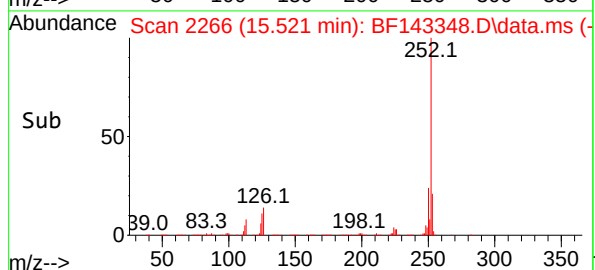
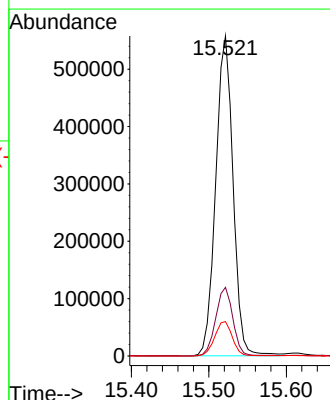
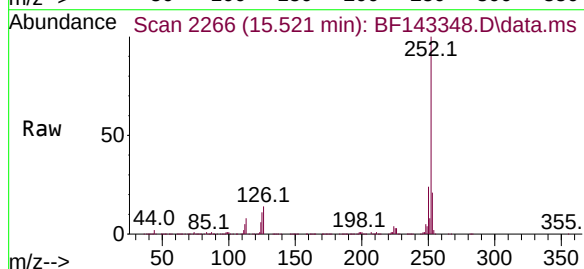
Tgt Ion:252 Resp: 866161

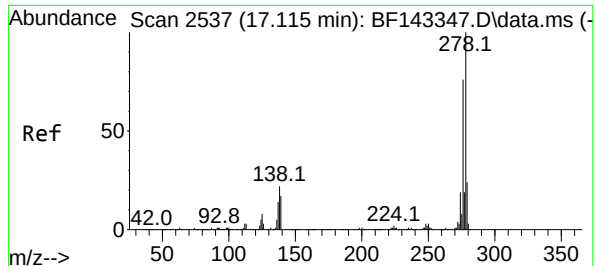
Ion Ratio Lower Upper

252 100

253 21.4 17.6 26.4

125 10.7 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 48.855 ng

RT: 17.121 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF143348.D

Acq: 12 Aug 2025 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

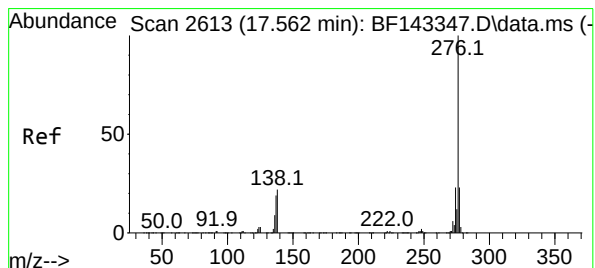
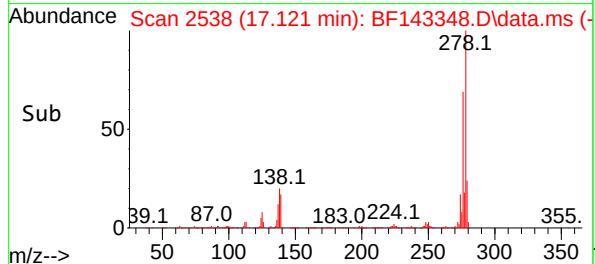
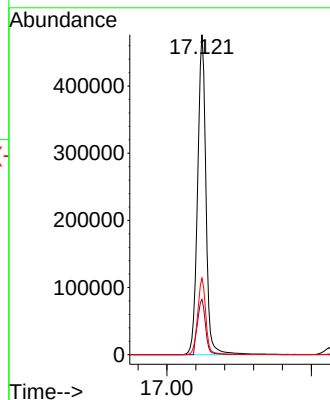
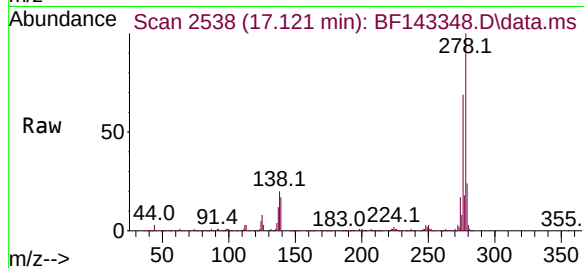
Tgt Ion:278 Resp: 957602

Ion Ratio Lower Upper

278 100

139 17.3 14.0 21.0

279 23.9 19.4 29.0



#92

Benzo(g,h,i)perylene

Concen: 48.732 ng

RT: 17.568 min Scan# 2614

Delta R.T. 0.006 min

Lab File: BF143348.D

Acq: 12 Aug 2025 11:37

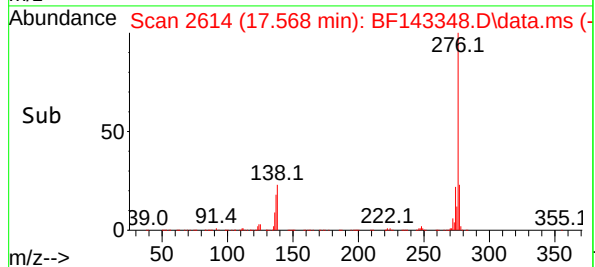
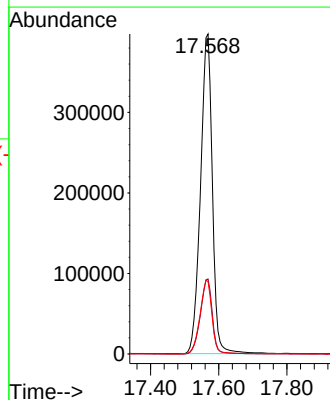
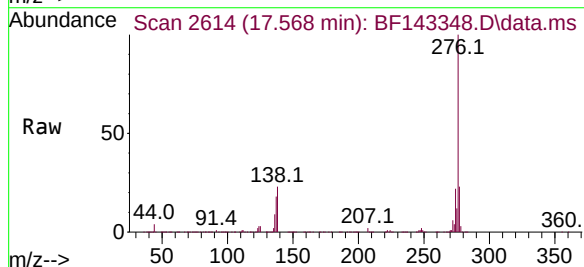
Tgt Ion:276 Resp: 962236

Ion Ratio Lower Upper

276 100

277 23.5 18.7 28.1

138 22.6 17.8 26.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
 Data File : BF143349.D
 Acq On : 12 Aug 2025 12:07
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Quant Time: Aug 12 13:20:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 12 13:02:27 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	161554	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	611608	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	320321	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	460173	20.000	ng	0.00
76) Chrysene-d12	14.092	240	273246	20.000	ng	0.00
86) Perylene-d12	15.586	264	337675	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	1115976	119.453	ng	0.00
7) Phenol-d6	6.569	99	1429946	119.357	ng	0.00
23) Nitrobenzene-d5	7.492	82	1251642	127.441	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	314370	134.290	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	2021003	106.990	ng	0.00
79) Terphenyl-d14	13.033	244	1568868	102.507	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.763	88	296653	61.364	ng	100
3) Pyridine	3.534	79	808240	62.740	ng	99
4) n-Nitrosodimethylamine	3.481	42	375923	62.645	ng	99
6) Aniline	6.592	93	996754	59.015	ng	# 88
8) 2-Chlorophenol	6.722	128	616100	61.717	ng	98
9) Benzaldehyde	6.481	77	387880	48.985	ng	100
10) Phenol	6.581	94	840504	59.221	ng	91
11) bis(2-Chloroethyl)ether	6.663	93	619725	59.247	ng	99
12) 1,3-Dichlorobenzene	6.875	146	671800	58.344	ng	99
13) 1,4-Dichlorobenzene	6.951	146	661936	57.278	ng	100
14) 1,2-Dichlorobenzene	7.104	146	634447	57.835	ng	100
15) Benzyl Alcohol	7.075	79	531507	61.891	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	1077772	57.714	ng	93
17) 2-Methylphenol	7.186	107	513134	60.895	ng	98
18) Hexachloroethane	7.445	117	225784	62.318	ng	100
19) n-Nitroso-di-n-propyla...	7.345	70	423943	57.269	ng	99
20) 3+4-Methylphenols	7.339	107	594674	58.354	ng	99
22) Acetophenone	7.339	105	765201	56.784	ng	98
24) Nitrobenzene	7.516	77	672780	63.075	ng	99
25) Isophorone	7.751	82	1195220	59.613	ng	99
26) 2-Nitrophenol	7.828	139	276412	63.401	ng	100
27) 2,4-Dimethylphenol	7.863	122	522594	62.476	ng	100
28) bis(2-Chloroethoxy)met...	7.957	93	726373	59.338	ng	99
29) 2,4-Dichlorophenol	8.075	162	512513	62.732	ng	99
30) 1,2,4-Trichlorobenzene	8.157	180	510824	59.275	ng	99
31) Naphthalene	8.239	128	1682766	57.179	ng	100
32) Benzoic acid	7.986	122	248714	62.282	ng	99
33) 4-Chloroaniline	8.281	127	632256	59.564	ng	99
34) Hexachlorobutadiene	8.357	225	314445	58.655	ng	99
35) Caprolactam	8.657	113	148587	64.696	ng	96
36) 4-Chloro-3-methylphenol	8.763	107	525032	61.301	ng	99
37) 2-Methylnaphthalene	8.928	142	1088275	56.249	ng	98
38) 1-Methylnaphthalene	9.028	142	1052909	56.505	ng	100
40) 1,2,4,5-Tetrachloroben...	9.092	216	516108	58.880	ng	99
41) Hexachlorocyclopentadiene	9.080	237	184941	61.485	ng	99
43) 2,4,6-Trichlorophenol	9.204	196	330076	66.369	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
 Data File : BF143349.D
 Acq On : 12 Aug 2025 12:07
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Quant Time: Aug 12 13:20:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 12 13:02:27 2025
 Response via : Initial Calibration

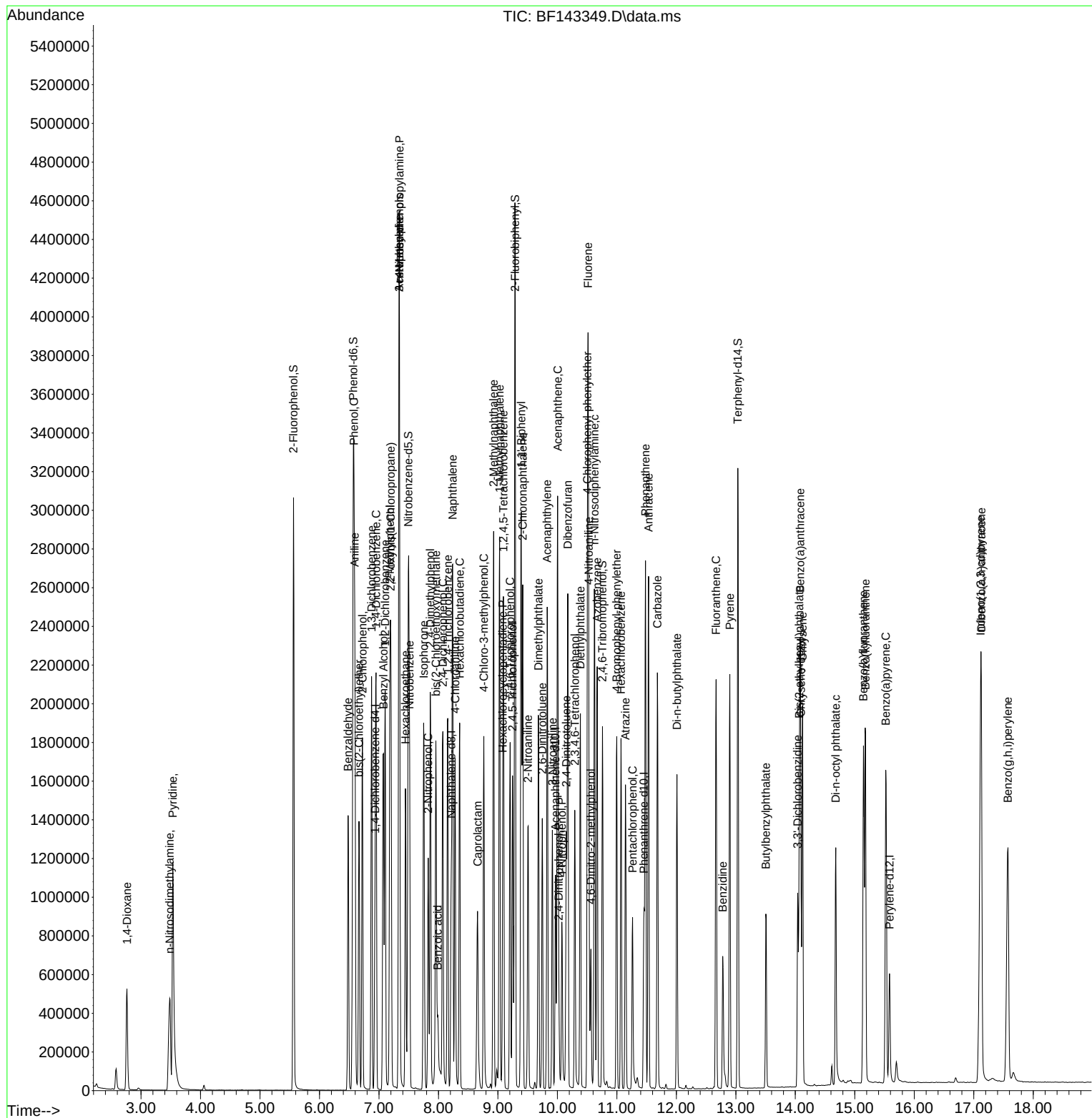
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	355498	63.299	ng	98
46) 1,1'-Biphenyl	9.392	154	1282862	56.642	ng	99
47) 2-Chloronaphthalene	9.416	162	1038548	58.223	ng	99
48) 2-Nitroaniline	9.504	65	322909	61.917	ng	98
49) Acenaphthylene	9.828	152	1481001	57.494	ng	99
50) Dimethylphthalate	9.680	163	1125050	60.109	ng	99
51) 2,6-Dinitrotoluene	9.745	165	224724	62.496	ng	99
52) Acenaphthene	10.004	154	977067	57.055	ng	99
53) 3-Nitroaniline	9.916	138	270085	70.462	ng	99
54) 2,4-Dinitrophenol	10.022	184	82451	62.319	ng	# 77
55) Dibenzofuran	10.175	168	1389556	56.379	ng	99
56) 4-Nitrophenol	10.075	139	186307	62.130	ng	99
57) 2,4-Dinitrotoluene	10.151	165	295520	61.944	ng	95
58) Fluorene	10.516	166	1046138	55.570	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.292	232	265201	70.050	ng	99
60) Diethylphthalate	10.386	149	990716	59.094	ng	99
61) 4-Chlorophenyl-phenyle...	10.504	204	515436	56.664	ng	99
62) 4-Nitroaniline	10.527	138	242938	65.508	ng	98
63) Azobenzene	10.669	77	1104323	57.669	ng	98
65) 4,6-Dinitro-2-methylph...	10.563	198	119734	61.844	ng	98
66) n-Nitrosodiphenylamine	10.622	169	898967	59.328	ng	99
67) 4-Bromophenyl-phenylether	10.998	248	318696	60.555	ng	98
68) Hexachlorobenzene	11.069	284	341976	60.282	ng	100
69) Atrazine	11.145	200	250602	63.410	ng	98
70) Pentachlorophenol	11.263	266	165675	61.169	ng	98
71) Phenanthrene	11.480	178	1426848	56.831	ng	99
72) Anthracene	11.533	178	1459751	57.330	ng	100
73) Carbazole	11.680	167	1232939	56.857	ng	99
74) Di-n-butylphthalate	12.010	149	1127365	61.437	ng	100
75) Fluoranthene	12.669	202	1181812	53.737	ng	99
77) Benzidine	12.780	184	419198	56.115	ng	99
78) Pyrene	12.898	202	1196849	52.212	ng	100
80) Butylbenzylphthalate	13.504	149	283998	61.669	ng	98
81) Benzo(a)anthracene	14.080	228	1072649	61.763	ng	99
82) 3,3'-Dichlorobenzidine	14.039	252	313084	66.762	ng	99
83) Chrysene	14.121	228	937047	57.863	ng	100
84) Bis(2-ethylhexyl)phtha...	14.068	149	426553	62.688	ng	98
85) Di-n-octyl phthalate	14.680	149	856960	62.516	ng	99
87) Indeno(1,2,3-cd)pyrene	17.115	276	1462168	60.440	ng	100
88) Benzo(b)fluoranthene	15.145	252	1161807	62.905	ng	99
89) Benzo(k)fluoranthene	15.180	252	1035022	57.673	ng	99
90) Benzo(a)pyrene	15.521	252	1052580	60.510	ng	100
91) Dibenzo(a,h)anthracene	17.127	278	1170363	60.556	ng	99
92) Benzo(g,h,i)perylene	17.574	276	1182985	60.761	ng	99

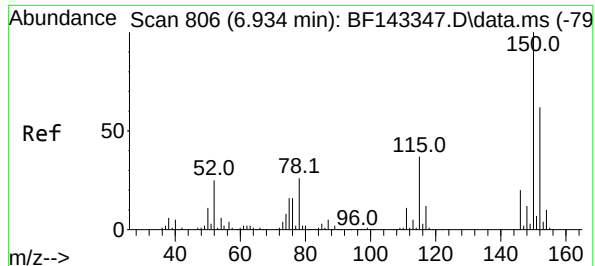
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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143349.D
Acq On : 12 Aug 2025 12:07
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

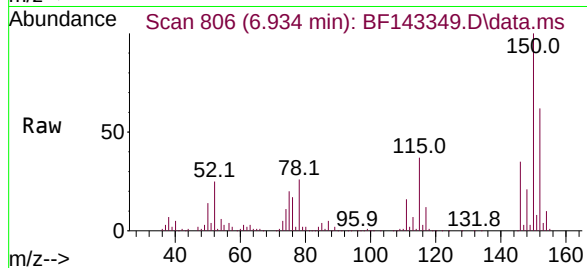
Quant Time: Aug 12 13:20:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:02:27 2025
Response via : Initial Calibration



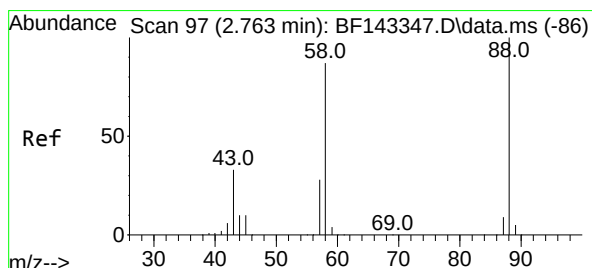
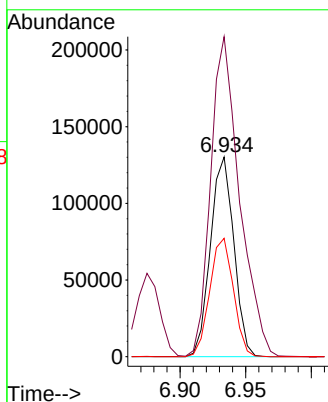
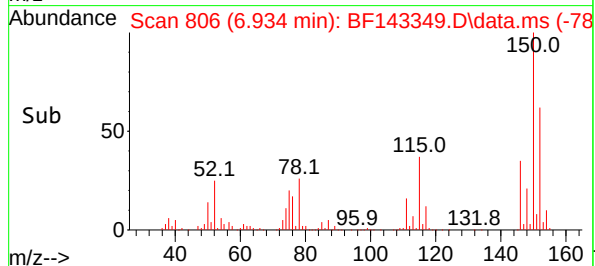


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.934 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

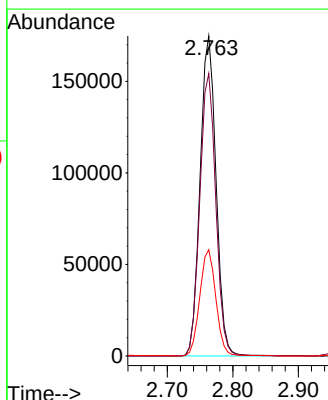
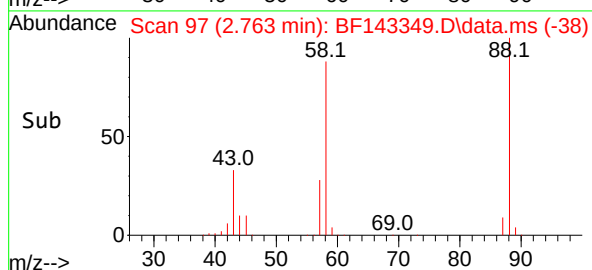
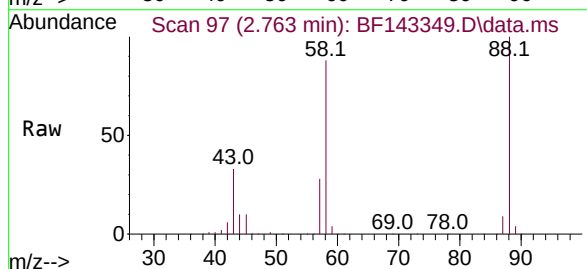


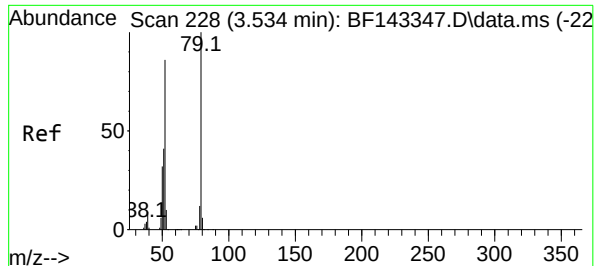
Tgt Ion:152 Resp: 161554
Ion Ratio Lower Upper
152 100
150 160.3 129.8 194.8
115 59.3 47.8 71.8



#2
1,4-Dioxane
Concen: 61.364 ng
RT: 2.763 min Scan# 97
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Tgt Ion: 88 Resp: 296653
Ion Ratio Lower Upper
88 100
58 88.5 71.0 106.6
43 33.6 27.0 40.6





#3

Pyridine

Concen: 62.740 ng

RT: 3.534 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF143349.D

Acq: 12 Aug 2025 12:07

Instrument :

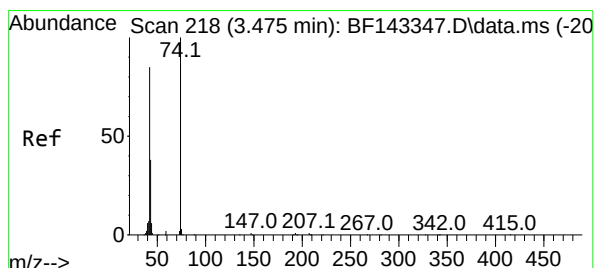
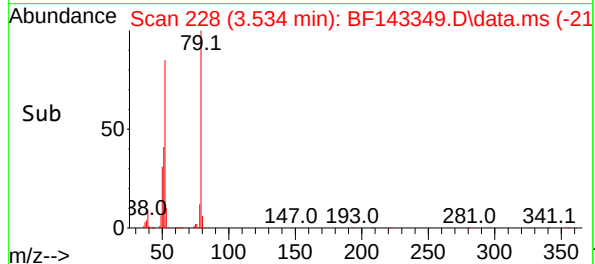
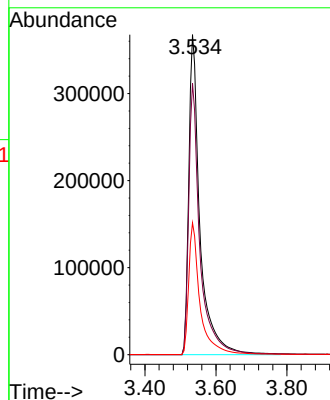
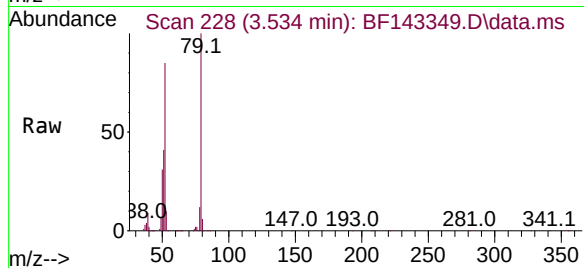
BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 79 Resp: 808240

Ion	Ratio	Lower	Upper
79	100		
52	84.8	68.7	103.1
51	41.2	33.4	50.0



#4

n-Nitrosodimethylamine

Concen: 62.645 ng

RT: 3.481 min Scan# 219

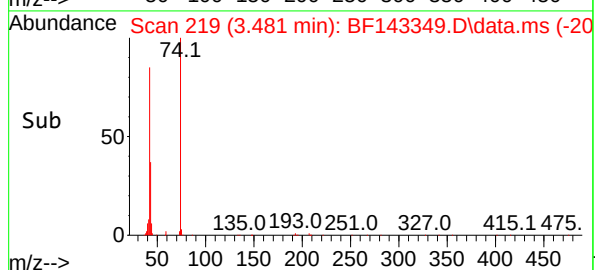
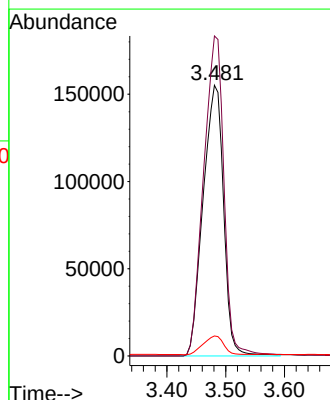
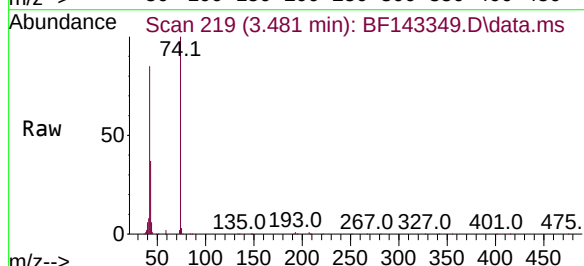
Delta R.T. 0.006 min

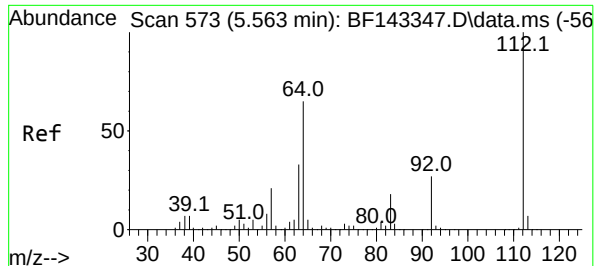
Lab File: BF143349.D

Acq: 12 Aug 2025 12:07

Tgt Ion: 42 Resp: 375923

Ion	Ratio	Lower	Upper
42	100		
74	118.2	94.1	141.1
44	7.4	6.5	9.7

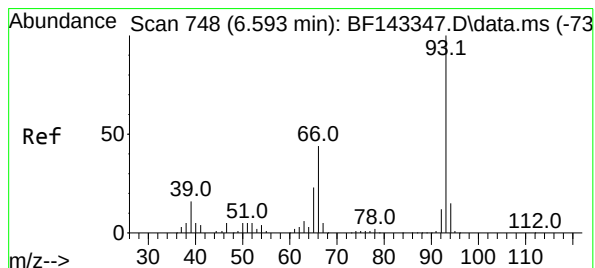
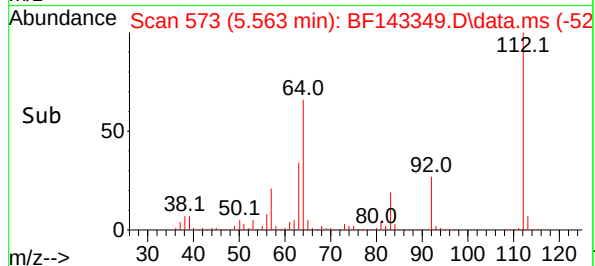
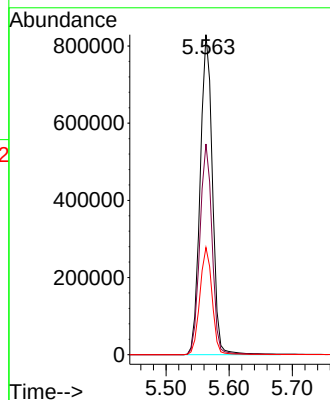
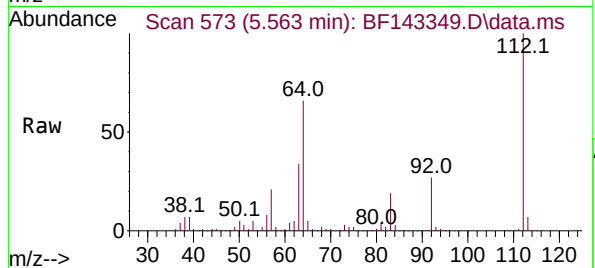




#5
2-Fluorophenol
Concen: 119.453 ng
RT: 5.563 min Scan# 511
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

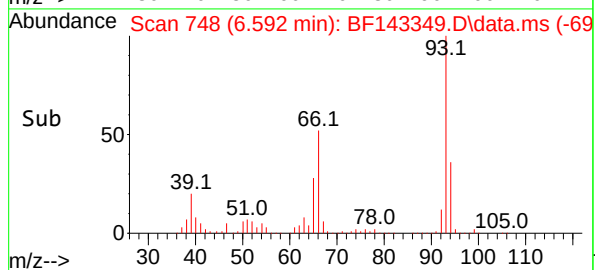
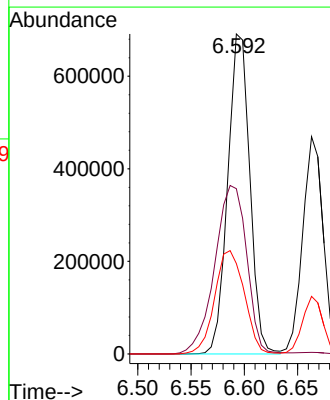
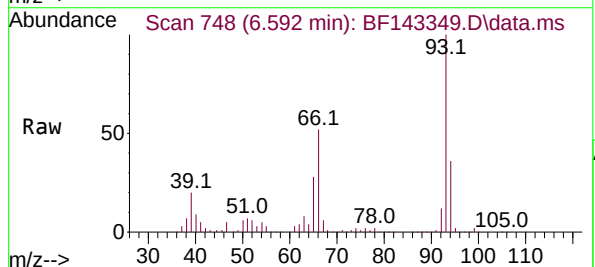
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

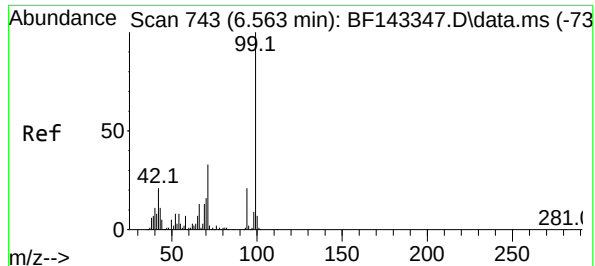
Tgt Ion:112 Resp: 1115976
Ion Ratio Lower Upper
112 100
64 65.9 52.1 78.1
63 33.5 26.6 39.8



#6
Aniline
Concen: 59.015 ng
RT: 6.592 min Scan# 748
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Tgt Ion: 93 Resp: 996754
Ion Ratio Lower Upper
93 100
66 51.6 35.3 52.9
65 28.3 18.2 27.4#

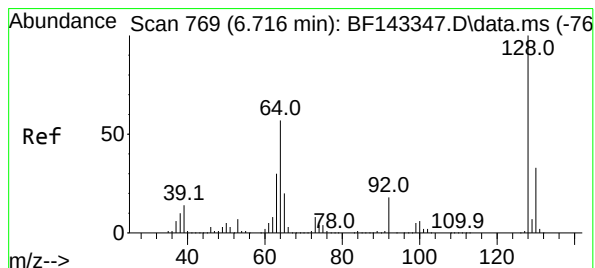
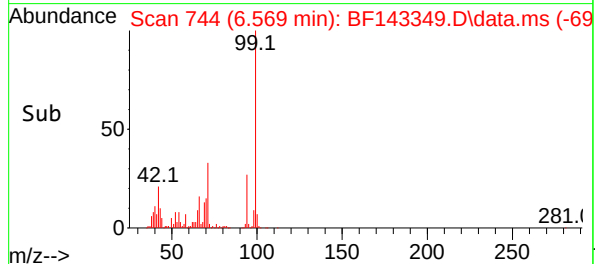
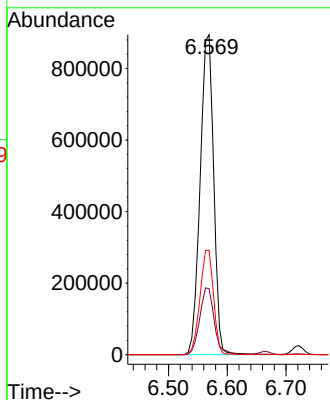
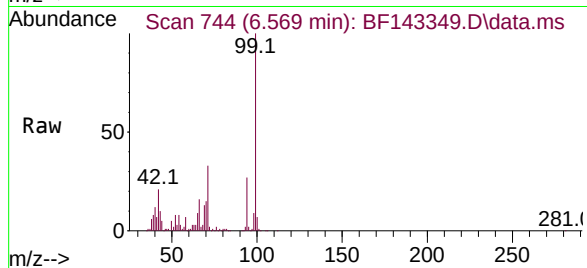




#7
Phenol-d6
Concen: 119.357 ng
RT: 6.569 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

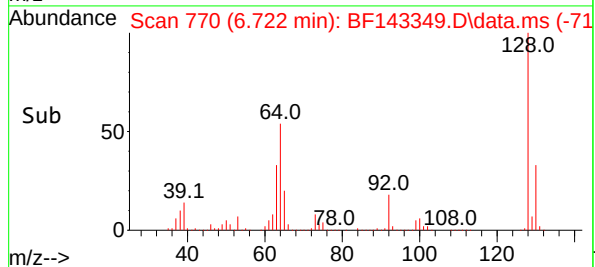
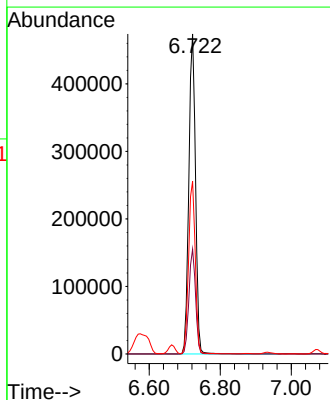
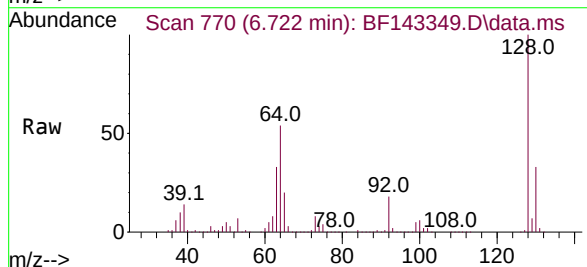
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

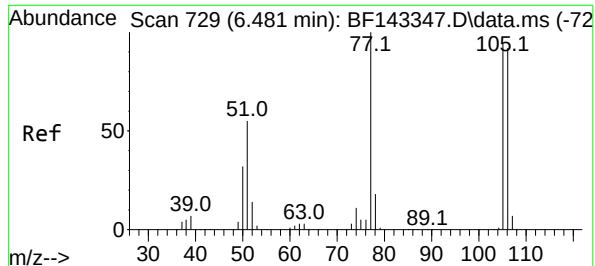
Tgt Ion: 99 Resp: 1429946
Ion Ratio Lower Upper
99 100
42 20.7 16.6 25.0
71 32.6 26.2 39.2



#8
2-Chlorophenol
Concen: 61.717 ng
RT: 6.722 min Scan# 770
Delta R.T. 0.006 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Tgt Ion: 128 Resp: 616100
Ion Ratio Lower Upper
128 100
130 32.7 12.6 52.6
64 54.0 36.7 76.7





#9

Benzaldehyde

Concen: 48.985 ng

RT: 6.481 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF143349.D

Acq: 12 Aug 2025 12:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

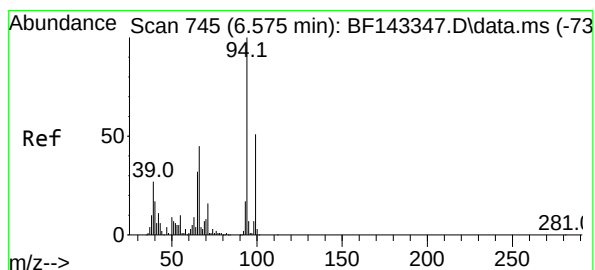
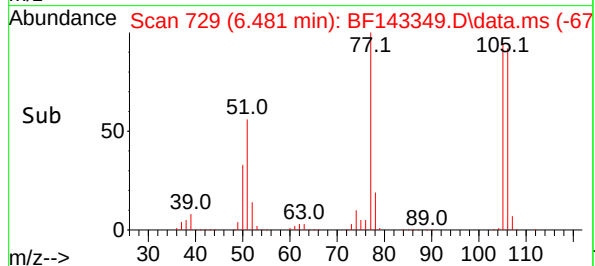
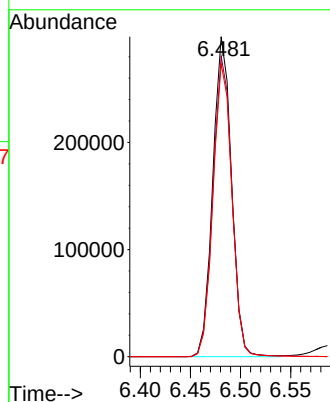
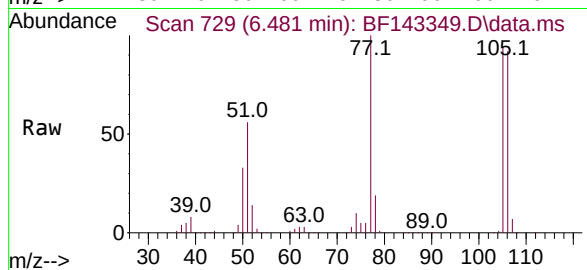
Tgt Ion: 77 Resp: 387880

Ion Ratio Lower Upper

77 100

105 93.9 74.2 114.2

106 91.6 72.2 112.2



#10

Phenol

Concen: 59.221 ng

RT: 6.581 min Scan# 746

Delta R.T. 0.006 min

Lab File: BF143349.D

Acq: 12 Aug 2025 12:07

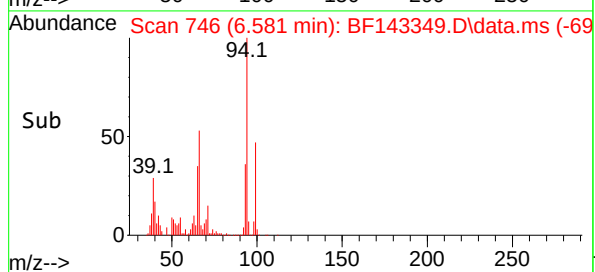
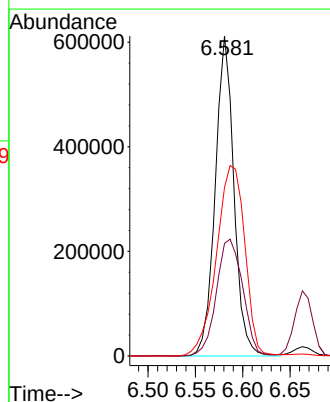
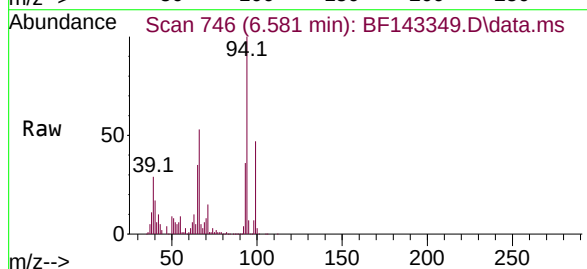
Tgt Ion: 94 Resp: 840504

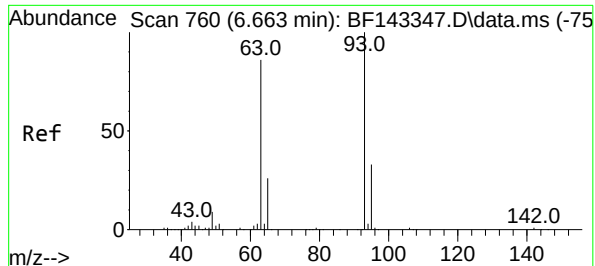
Ion Ratio Lower Upper

94 100

65 35.2 12.0 52.0

66 52.7 25.6 65.6





#11

bis(2-Chloroethyl)ether

Concen: 59.247 ng

RT: 6.663 min Scan# 760

Delta R.T. -0.000 min

Lab File: BF143349.D

Acq: 12 Aug 2025 12:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

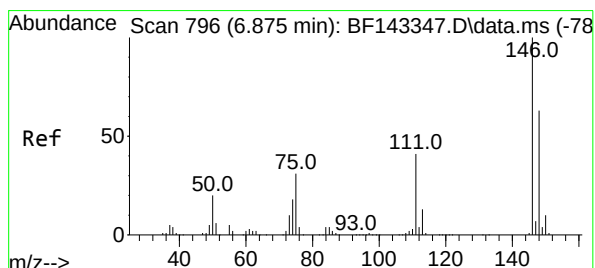
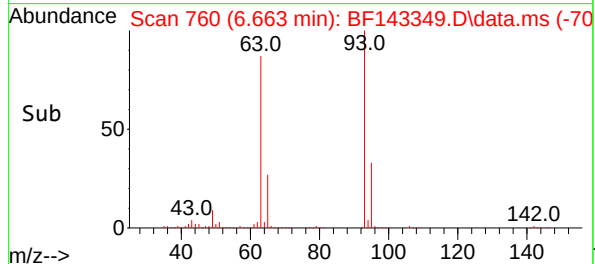
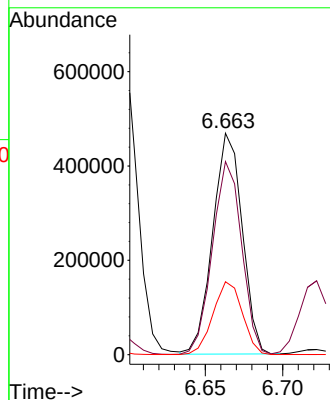
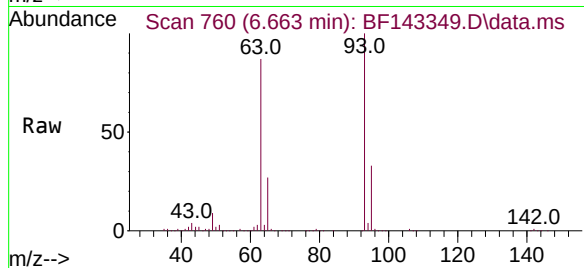
Tgt Ion: 93 Resp: 619725

Ion Ratio Lower Upper

93 100

63 87.2 65.7 105.7

95 33.0 13.0 53.0



#12

1,3-Dichlorobenzene

Concen: 58.344 ng

RT: 6.875 min Scan# 796

Delta R.T. -0.000 min

Lab File: BF143349.D

Acq: 12 Aug 2025 12:07

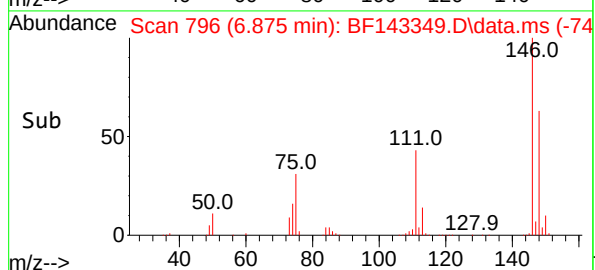
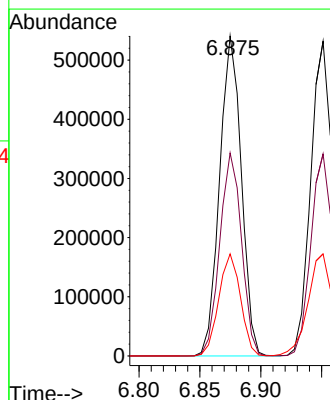
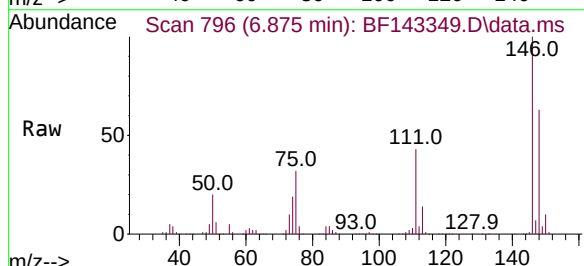
Tgt Ion: 146 Resp: 671800

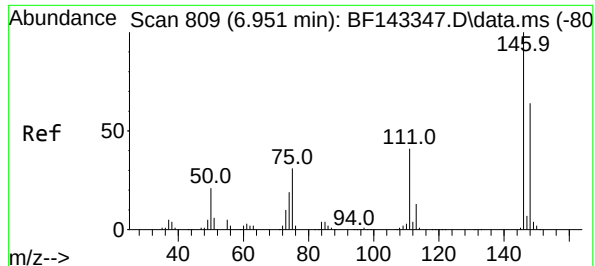
Ion Ratio Lower Upper

146 100

148 63.5 50.5 75.7

75 31.9 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 57.278 ng

RT: 6.951 min Scan# 809

Delta R.T. -0.000 min

Lab File: BF143349.D

Acq: 12 Aug 2025 12:07

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

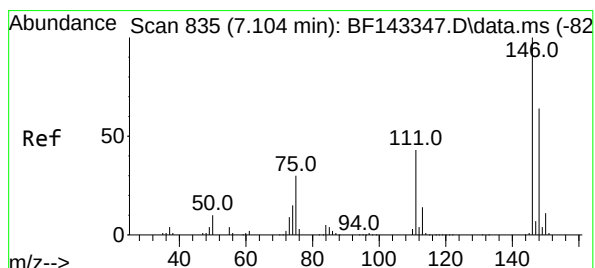
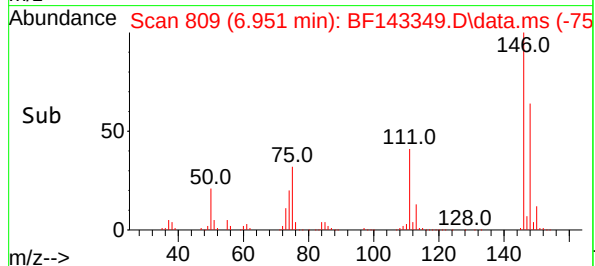
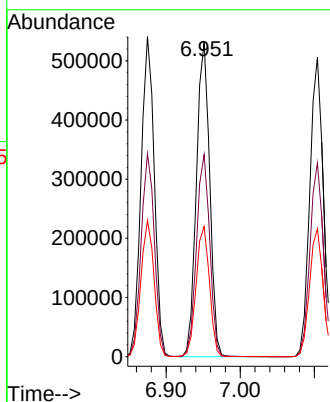
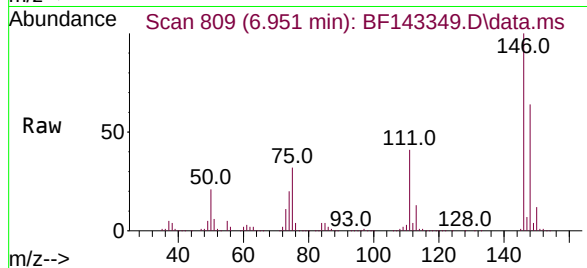
Tgt Ion:146 Resp: 661936

Ion Ratio Lower Upper

146 100

148 64.2 51.4 77.0

111 41.4 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 57.835 ng

RT: 7.104 min Scan# 835

Delta R.T. -0.000 min

Lab File: BF143349.D

Acq: 12 Aug 2025 12:07

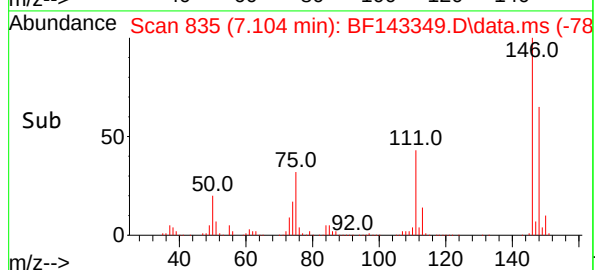
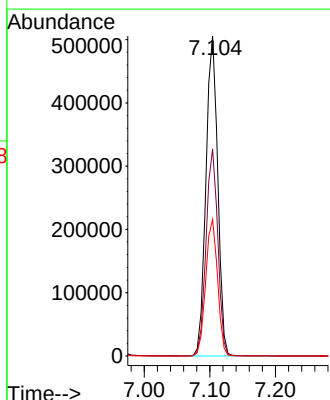
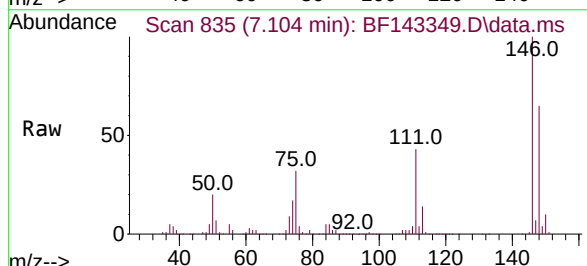
Tgt Ion:146 Resp: 634447

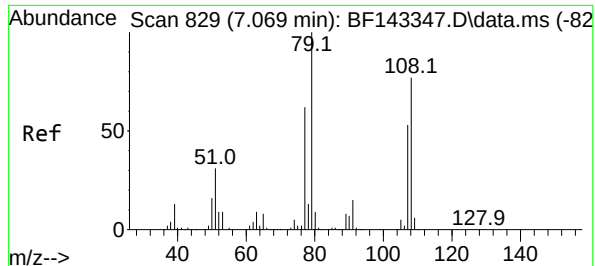
Ion Ratio Lower Upper

146 100

148 64.7 51.4 77.2

111 42.7 34.1 51.1

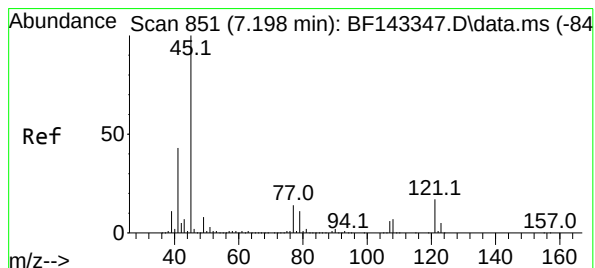
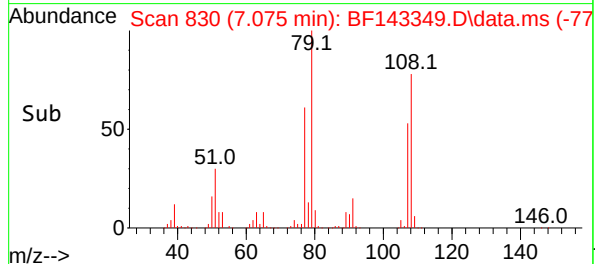
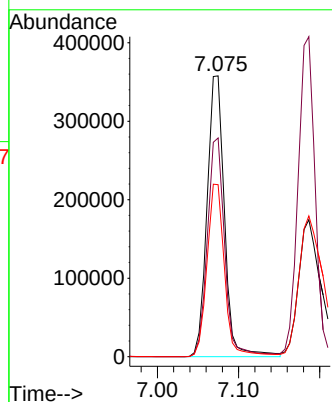
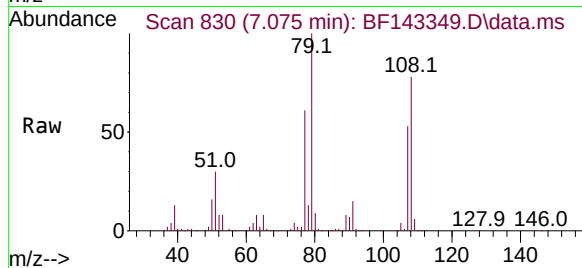




#15
Benzyl Alcohol
Concen: 61.891 ng
RT: 7.075 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

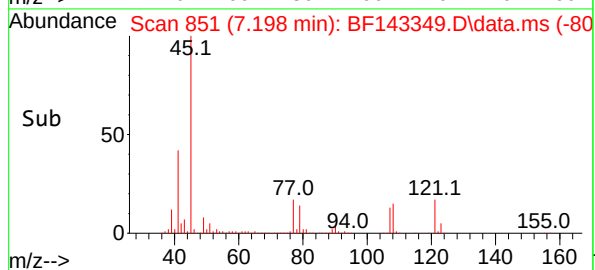
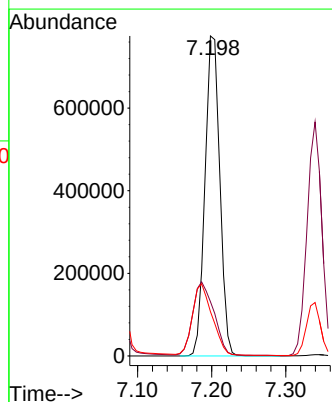
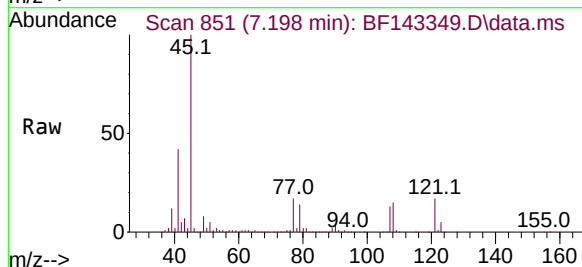
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

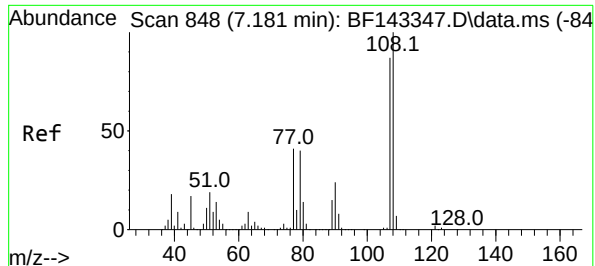
Tgt Ion: 79 Resp: 531507
Ion Ratio Lower Upper
79 100
108 77.9 61.5 92.3
77 61.2 49.8 74.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 57.714 ng
RT: 7.198 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Tgt Ion: 45 Resp: 1077772
Ion Ratio Lower Upper
45 100
77 16.9 0.0 34.0
79 13.8 0.0 31.1

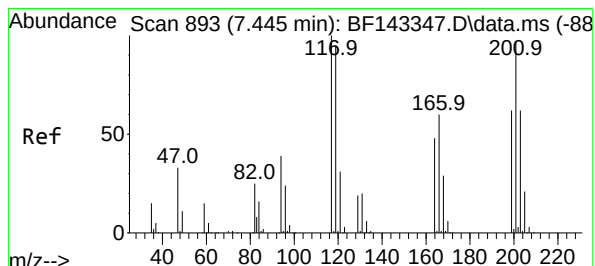
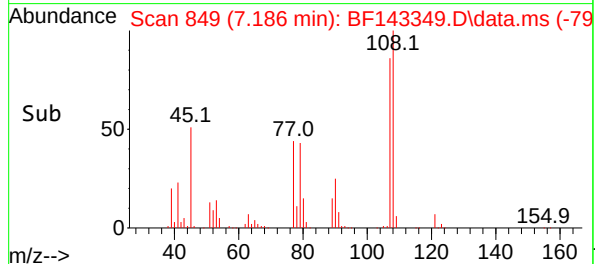
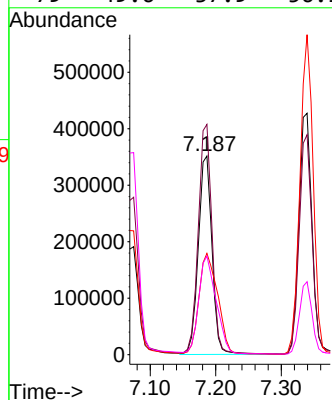
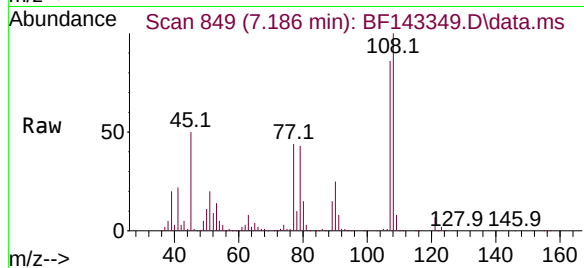




#17
2-Methylphenol
Concen: 60.895 ng
RT: 7.186 min Scan# 848
Delta R.T. 0.006 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

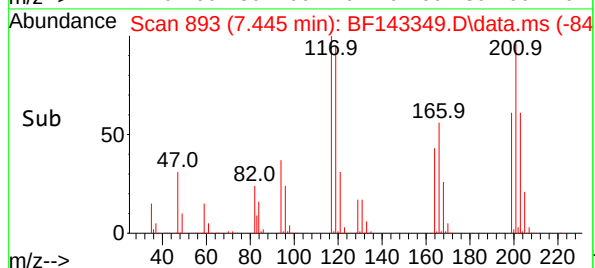
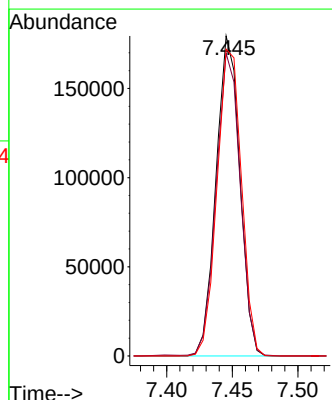
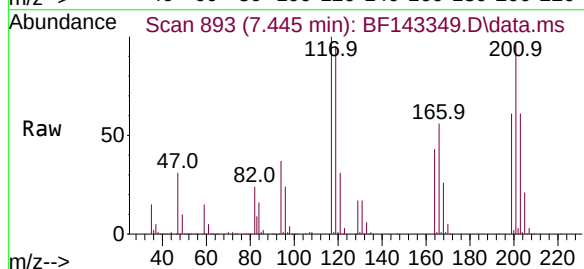
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

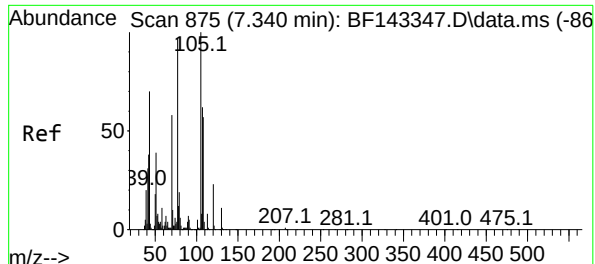
Tgt Ion:107 Resp: 513134
Ion Ratio Lower Upper
107 100
108 115.9 92.0 138.0
77 51.0 38.2 57.2
79 49.6 37.9 56.9



#18
Hexachloroethane
Concen: 62.318 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Tgt Ion:117 Resp: 225784
Ion Ratio Lower Upper
117 100
119 94.6 75.8 113.8
201 95.9 77.2 115.8





#19

n-Nitroso-di-n-propylamine

Concen: 57.269 ng

RT: 7.345 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF143349.D

Acq: 12 Aug 2025 12:07

Instrument :

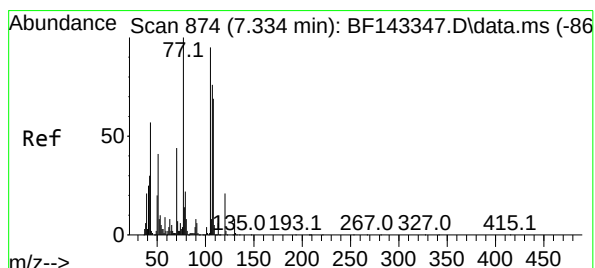
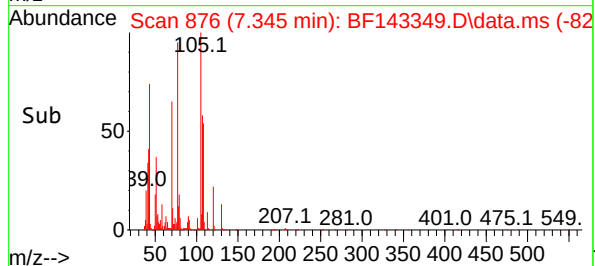
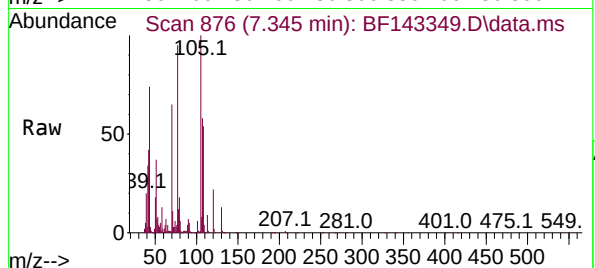
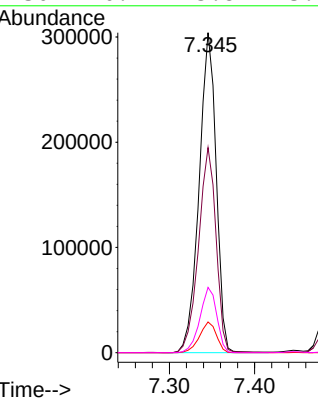
BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 70 Resp: 423943

Ion	Ratio	Lower	Upper
70	100		
42	64.1	51.6	77.4
101	9.6	7.5	11.3
130	20.4	15.8	23.6



#20

3+4-Methylphenols

Concen: 58.354 ng

RT: 7.339 min Scan# 875

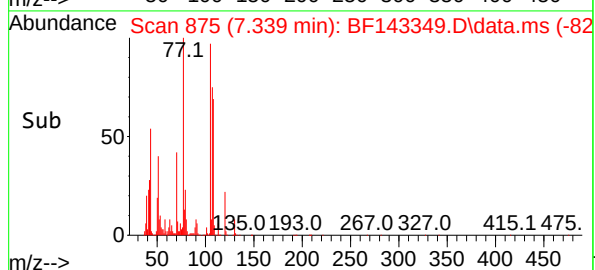
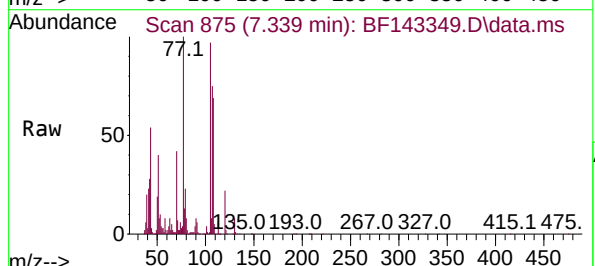
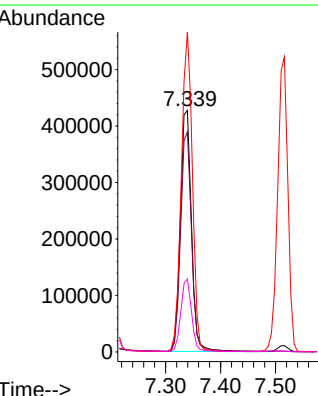
Delta R.T. 0.006 min

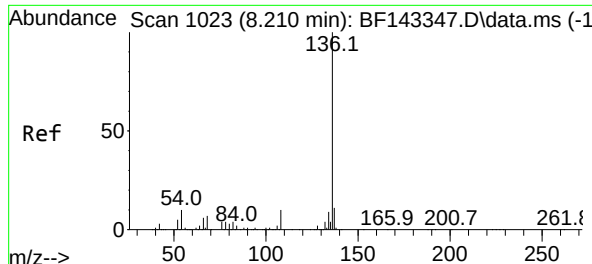
Lab File: BF143349.D

Acq: 12 Aug 2025 12:07

Tgt Ion: 107 Resp: 594674

Ion	Ratio	Lower	Upper
107	100		
108	91.1	70.6	110.6
77	132.5	112.0	152.0
79	30.2	9.9	49.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.216 min Scan# 10

Delta R.T. 0.006 min

Lab File: BF143349.D

Acq: 12 Aug 2025 12:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:136 Resp: 611608

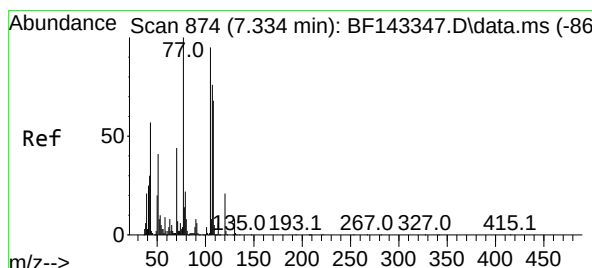
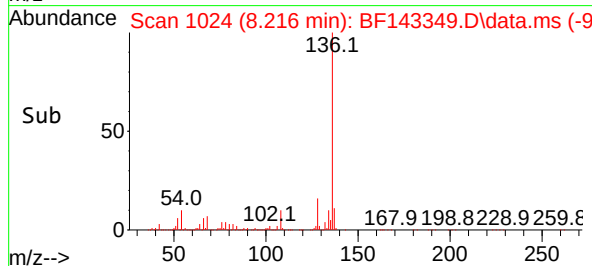
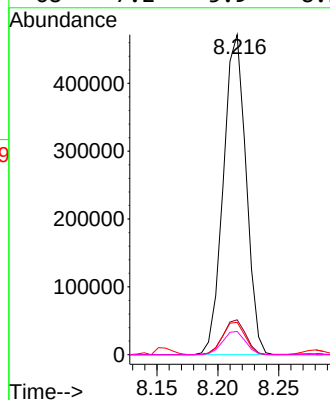
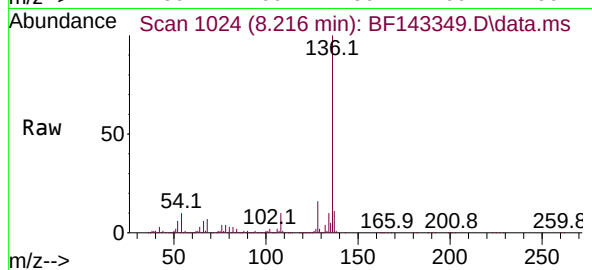
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 10.1 8.4 12.6

68 7.2 5.9 8.9



#22

Acetophenone

Concen: 56.784 ng

RT: 7.339 min Scan# 875

Delta R.T. 0.006 min

Lab File: BF143349.D

Acq: 12 Aug 2025 12:07

Tgt Ion:105 Resp: 765201

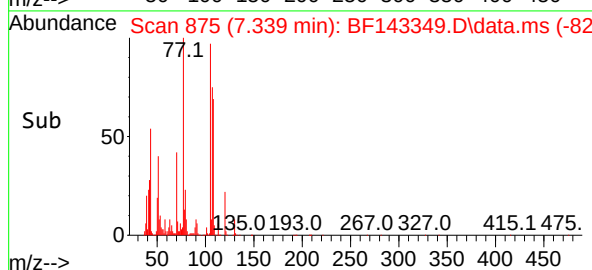
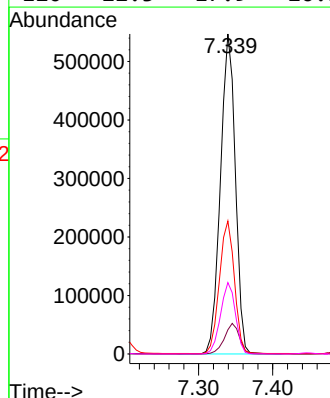
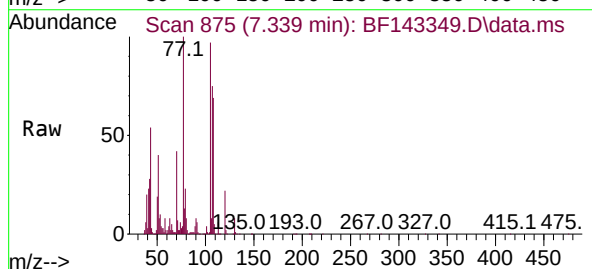
Ion Ratio Lower Upper

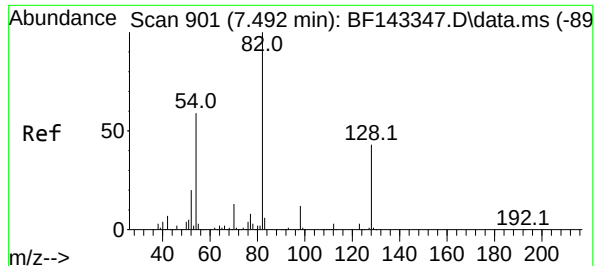
105 100

71 7.5 6.2 9.4

51 41.6 34.8 52.2

120 22.3 17.9 26.9





#23

Nitrobenzene-d5

Concen: 127.441 ng

RT: 7.492 min Scan# 901

Delta R.T. -0.000 min

Lab File: BF143349.D

Acq: 12 Aug 2025 12:07

Instrument :

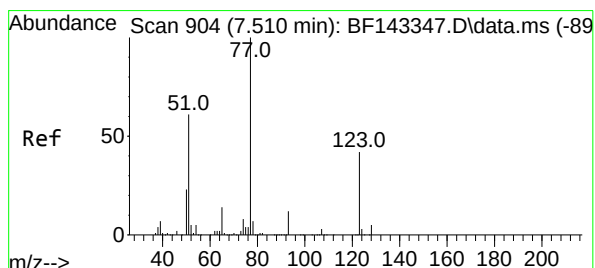
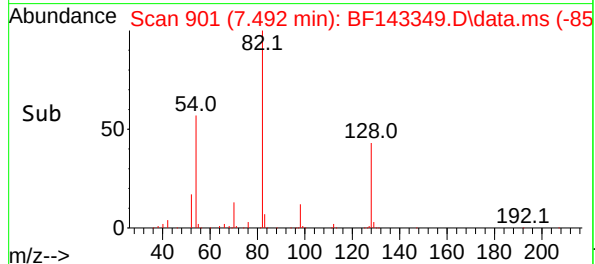
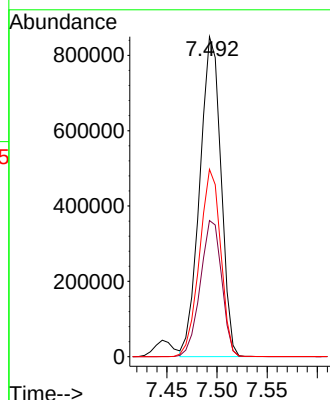
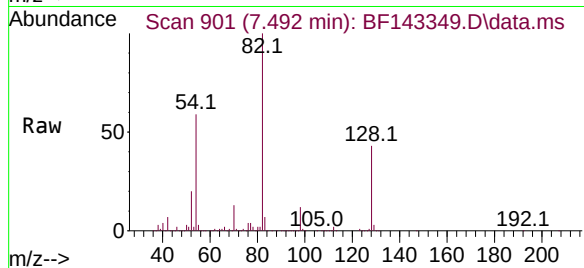
BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 82 Resp: 1251642

Ion	Ratio	Lower	Upper
82	100		
128	42.5	33.5	50.3
54	58.5	46.7	70.1



#24

Nitrobenzene

Concen: 63.075 ng

RT: 7.516 min Scan# 905

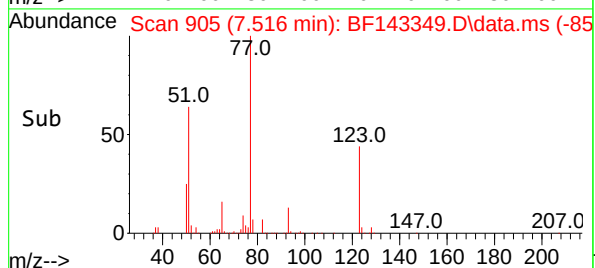
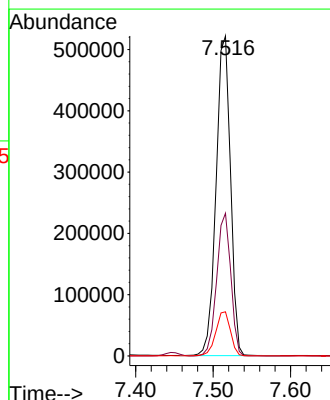
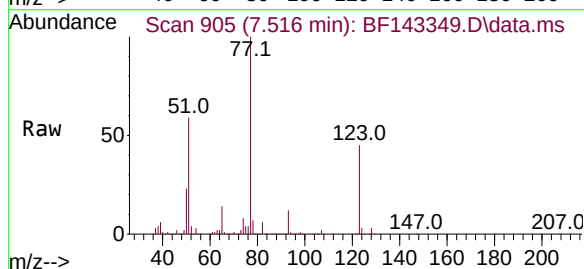
Delta R.T. 0.006 min

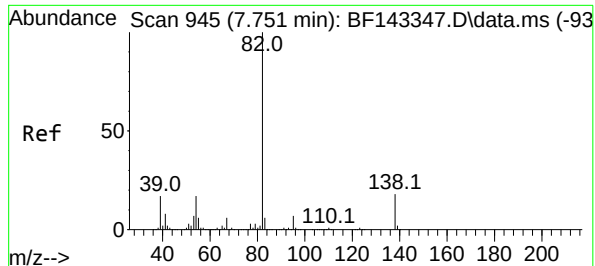
Lab File: BF143349.D

Acq: 12 Aug 2025 12:07

Tgt Ion: 77 Resp: 672780

Ion	Ratio	Lower	Upper
77	100		
123	44.6	34.8	52.2
65	13.8	11.0	16.6

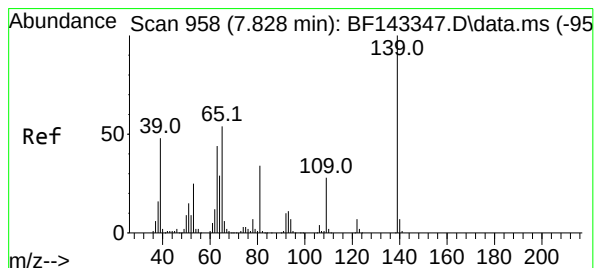
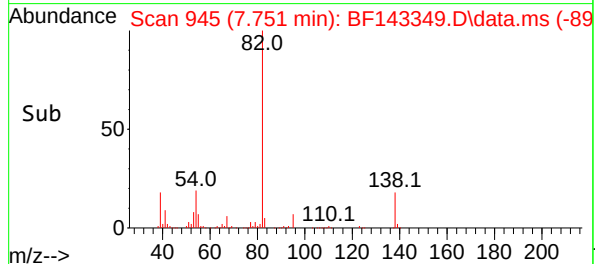
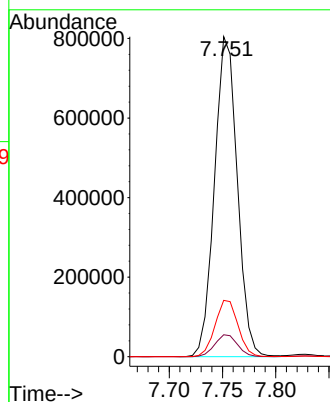
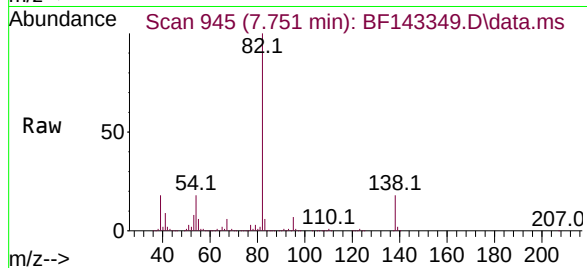




#25
Isophorone
Concen: 59.613 ng
RT: 7.751 min Scan# 945
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

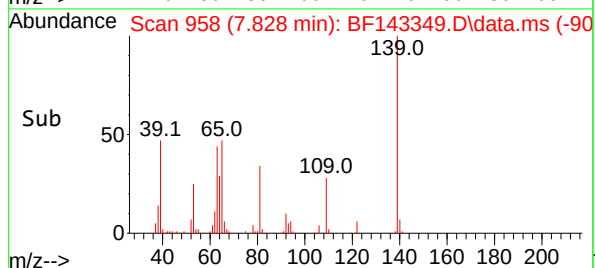
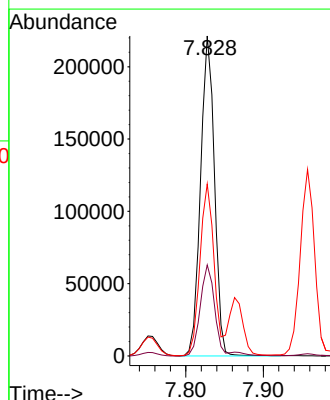
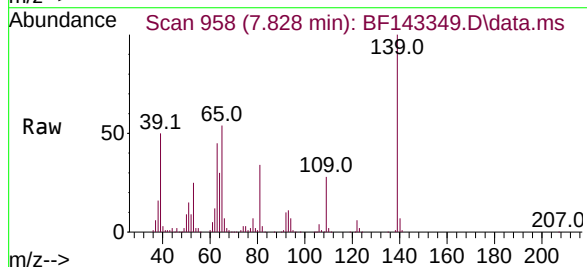
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

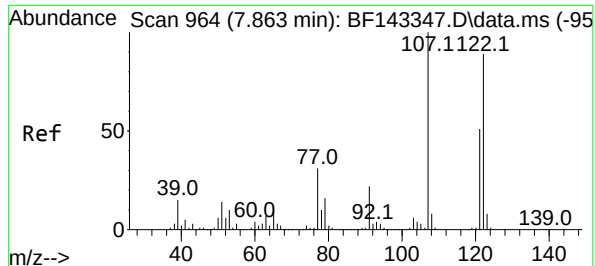
Tgt Ion: 82 Resp: 1195220
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 17.6 14.6 21.8



#26
2-Nitrophenol
Concen: 63.401 ng
RT: 7.828 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Tgt Ion: 139 Resp: 276412
Ion Ratio Lower Upper
139 100
109 28.5 22.4 33.6
65 53.8 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 62.476 ng

RT: 7.863 min Scan# 9

Delta R.T. -0.000 min

Lab File: BF143349.D

Acq: 12 Aug 2025 12:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

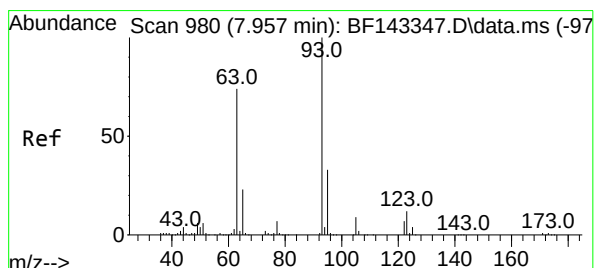
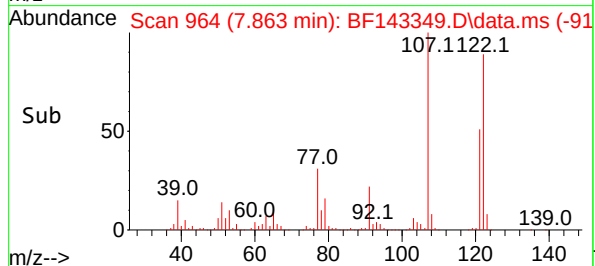
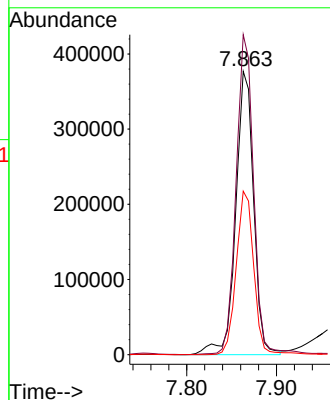
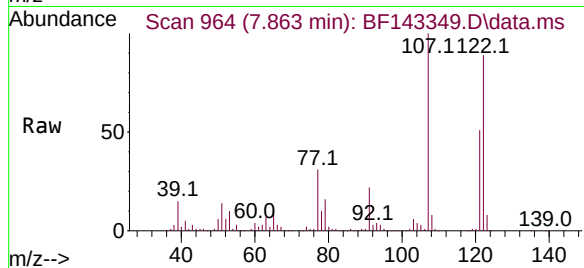
Tgt Ion:122 Resp: 522594

Ion Ratio Lower Upper

122 100

107 112.9 89.9 134.9

121 57.7 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 59.338 ng

RT: 7.957 min Scan# 980

Delta R.T. -0.000 min

Lab File: BF143349.D

Acq: 12 Aug 2025 12:07

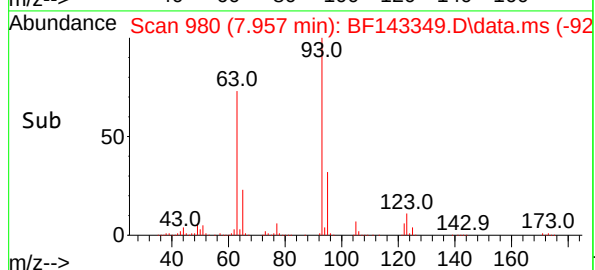
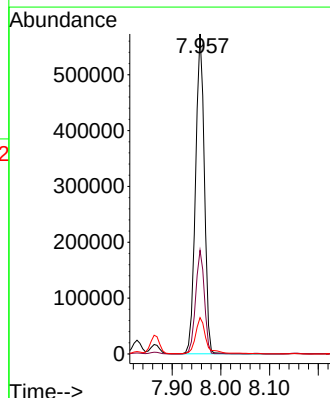
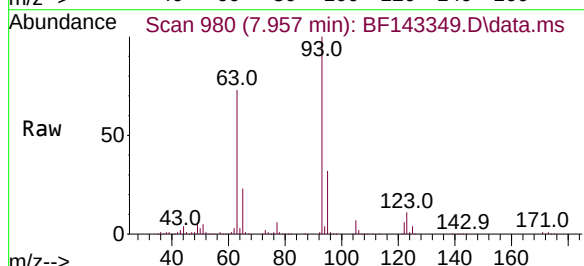
Tgt Ion: 93 Resp: 726373

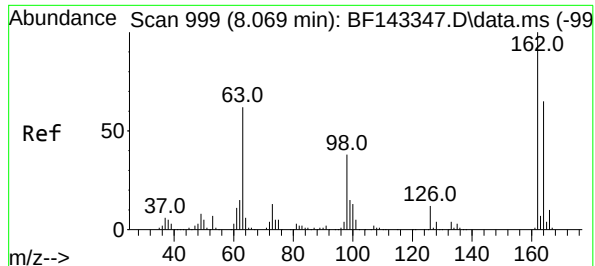
Ion Ratio Lower Upper

93 100

95 32.4 26.2 39.4

123 11.4 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 62.732 ng

RT: 8.075 min Scan# 1000

Delta R.T. 0.006 min

Lab File: BF143349.D

Acq: 12 Aug 2025 12:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

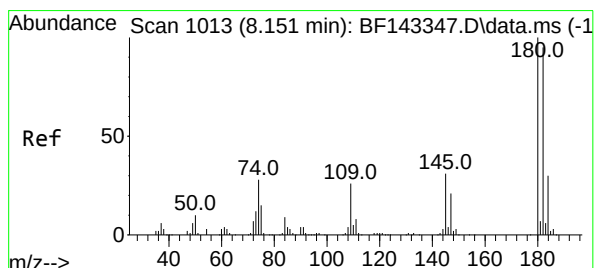
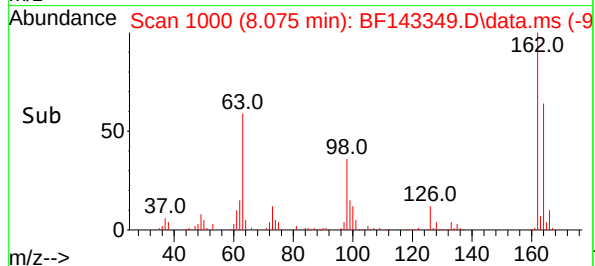
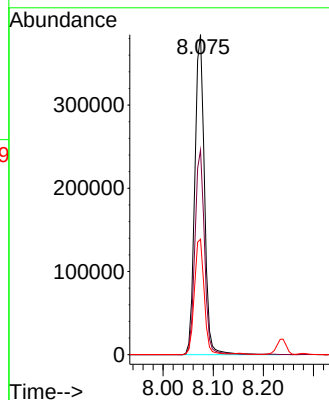
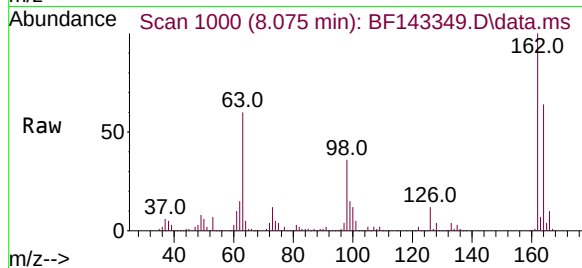
Tgt Ion:162 Resp: 512513

Ion Ratio Lower Upper

162 100

164 63.9 44.5 84.5

98 36.1 17.7 57.7



#30

1,2,4-Trichlorobenzene

Concen: 59.275 ng

RT: 8.157 min Scan# 1014

Delta R.T. 0.006 min

Lab File: BF143349.D

Acq: 12 Aug 2025 12:07

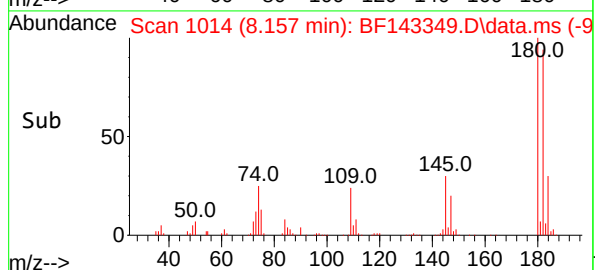
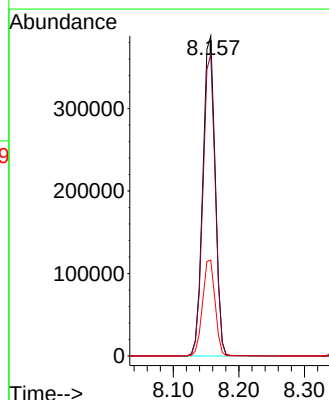
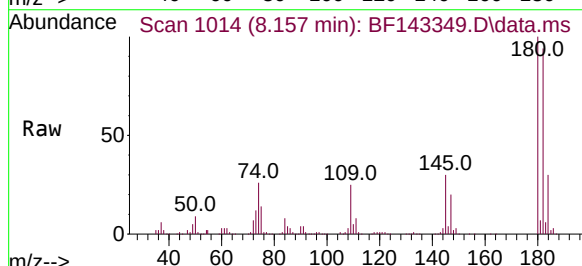
Tgt Ion:180 Resp: 510824

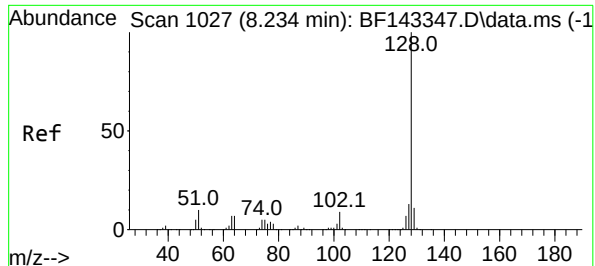
Ion Ratio Lower Upper

180 100

182 94.2 76.1 114.1

145 30.0 24.9 37.3

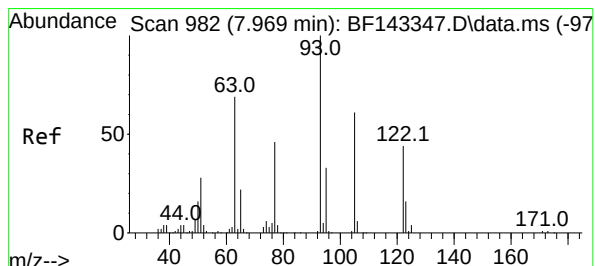
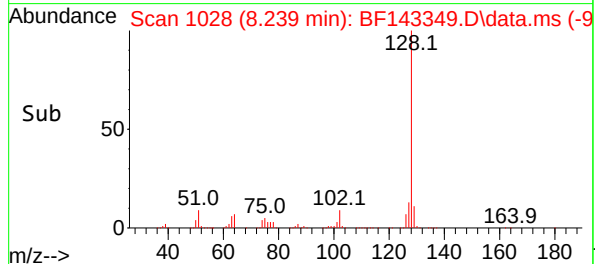
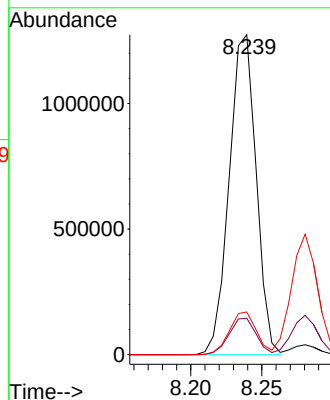
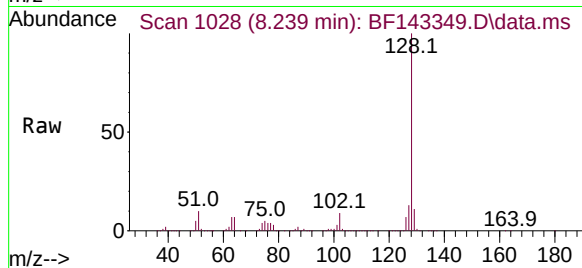




#31
Naphthalene
Concen: 57.179 ng
RT: 8.239 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

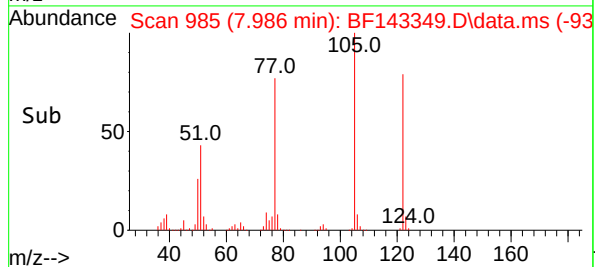
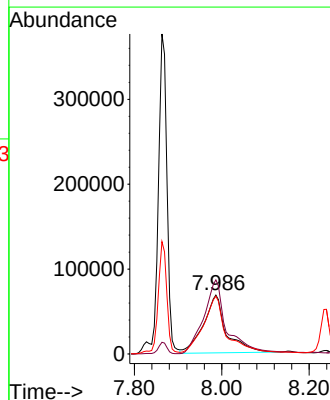
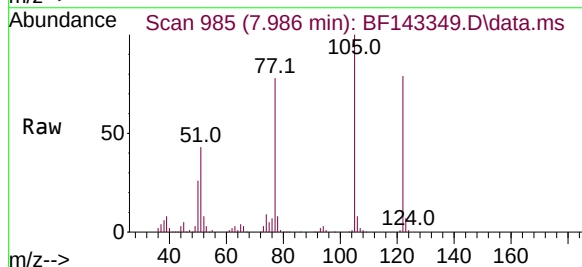
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

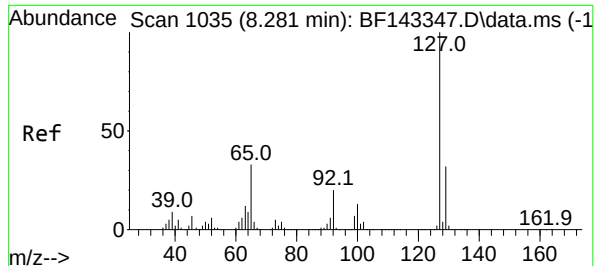
Tgt Ion:128 Resp: 1682766
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.3 10.7 16.1



#32
Benzoic acid
Concen: 62.282 ng
RT: 7.986 min Scan# 985
Delta R.T. 0.017 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Tgt Ion:122 Resp: 248714
Ion Ratio Lower Upper
122 100
105 125.9 106.4 146.4
77 98.1 79.2 119.2





#33

4-Chloroaniline

Concen: 59.564 ng

RT: 8.281 min Scan# 1035

Delta R.T. -0.000 min

Lab File: BF143349.D

Acq: 12 Aug 2025 12:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:127 Resp: 632256

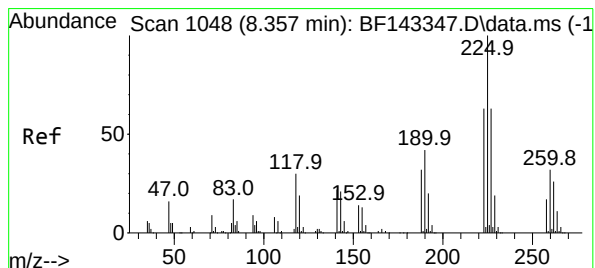
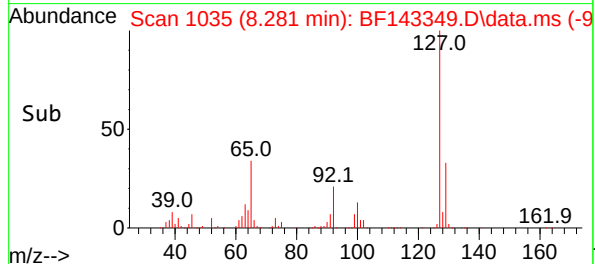
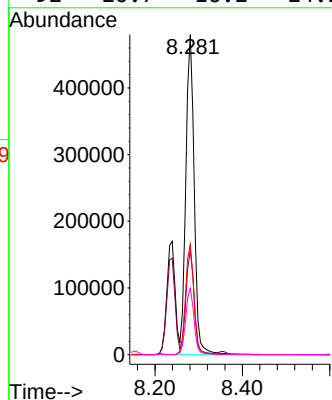
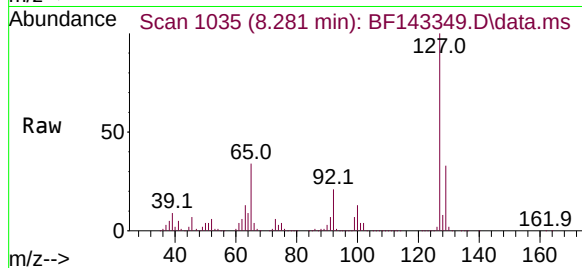
Ion Ratio Lower Upper

127 100

129 32.6 26.0 39.0

65 34.5 27.0 40.4

92 20.7 16.2 24.2



#34

Hexachlorobutadiene

Concen: 58.655 ng

RT: 8.357 min Scan# 1048

Delta R.T. -0.000 min

Lab File: BF143349.D

Acq: 12 Aug 2025 12:07

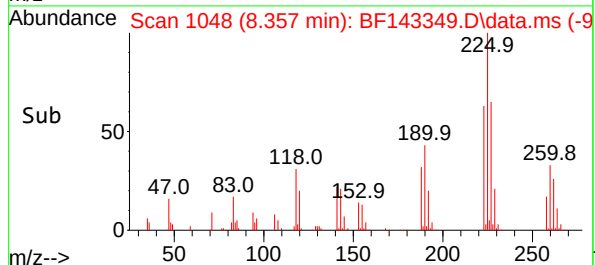
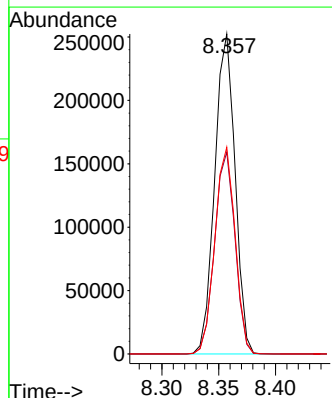
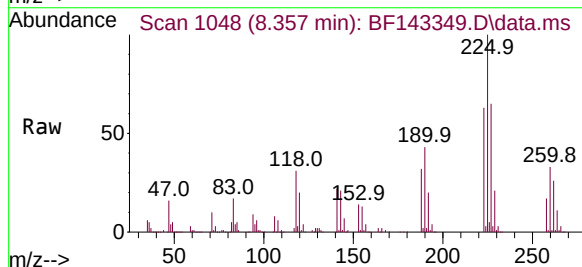
Tgt Ion:225 Resp: 314445

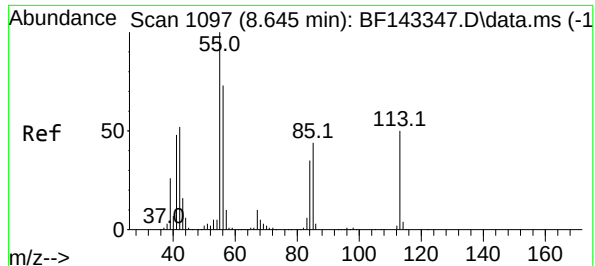
Ion Ratio Lower Upper

225 100

223 63.1 50.1 75.1

227 64.6 50.6 75.8





#35

Caprolactam

Concen: 64.696 ng

RT: 8.657 min Scan# 1099

Delta R.T. 0.012 min

Lab File: BF143349.D

Acq: 12 Aug 2025 12:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

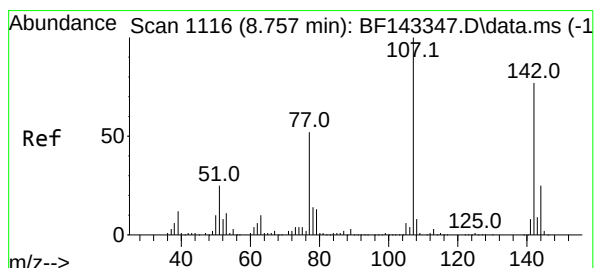
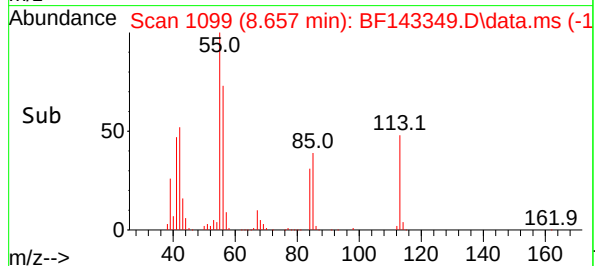
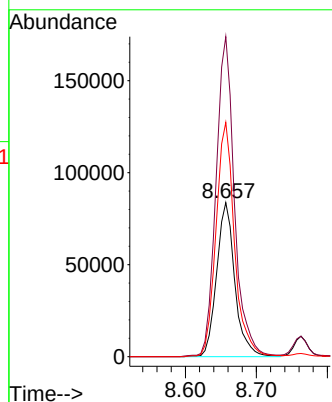
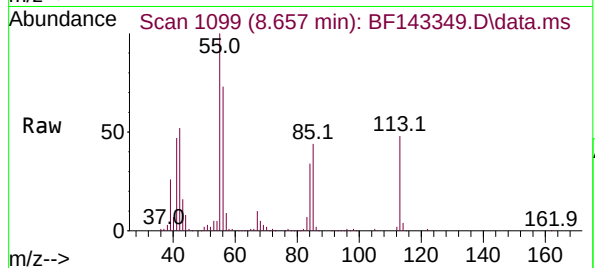
Tgt Ion:113 Resp: 148587

Ion Ratio Lower Upper

113 100

55 207.6 181.4 221.4

56 152.0 127.3 167.3



#36

4-Chloro-3-methylphenol

Concen: 61.301 ng

RT: 8.763 min Scan# 1117

Delta R.T. 0.006 min

Lab File: BF143349.D

Acq: 12 Aug 2025 12:07

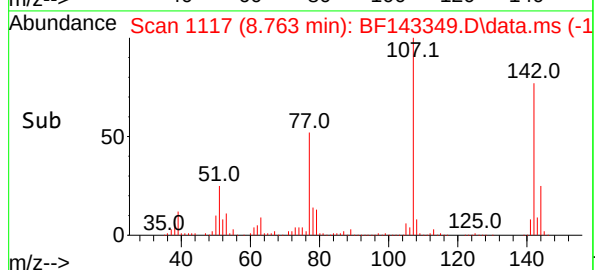
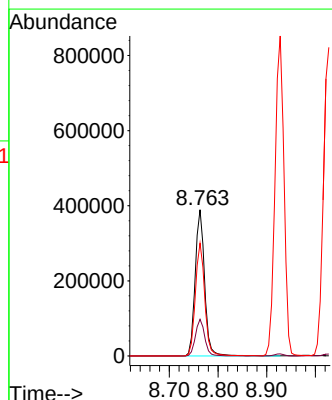
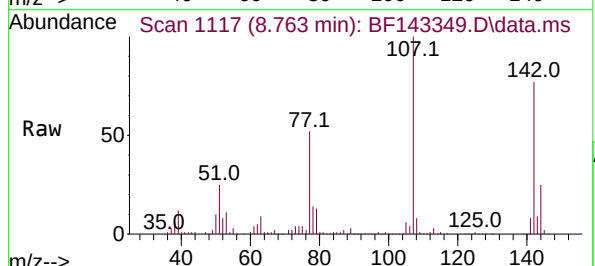
Tgt Ion:107 Resp: 525032

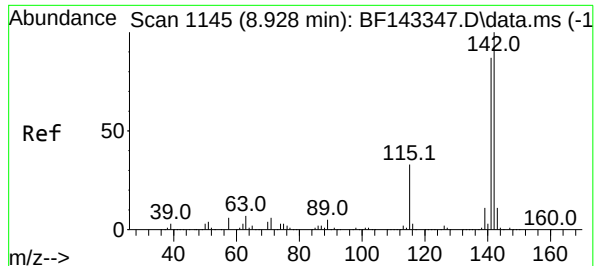
Ion Ratio Lower Upper

107 100

144 25.0 20.0 30.0

142 77.2 61.3 91.9





#37

2-Methylnaphthalene

Concen: 56.249 ng

RT: 8.928 min Scan# 1145

Delta R.T. -0.000 min

Lab File: BF143349.D

Acq: 12 Aug 2025 12:07

Instrument :

BNA_F

ClientSampleId :

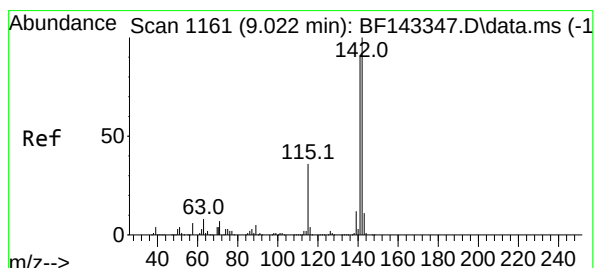
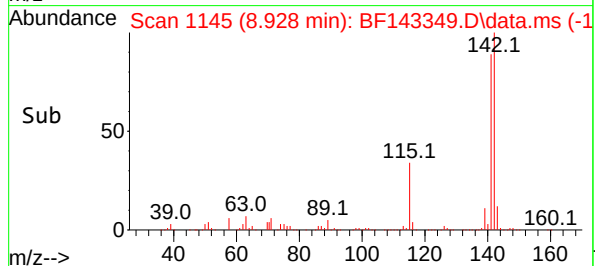
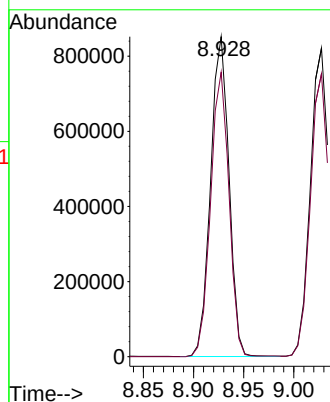
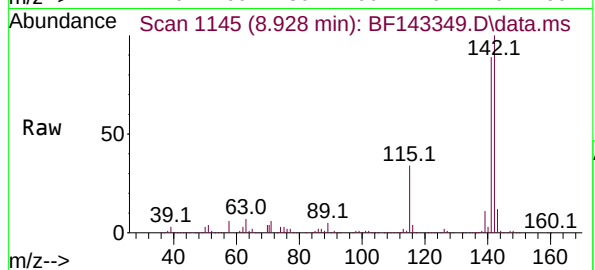
SSTDICC060

Tgt Ion:142 Resp: 1088275

Ion Ratio Lower Upper

142 100

141 88.9 69.8 104.8



#38

1-Methylnaphthalene

Concen: 56.505 ng

RT: 9.028 min Scan# 1162

Delta R.T. 0.006 min

Lab File: BF143349.D

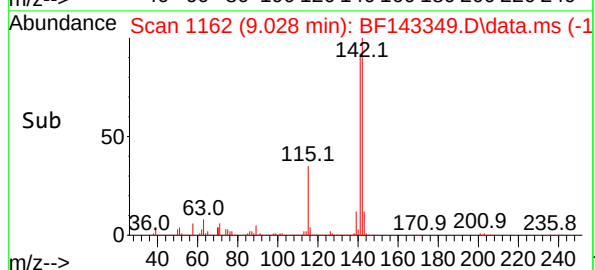
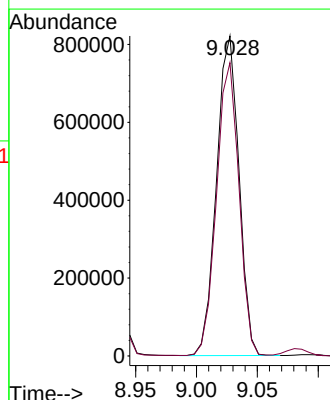
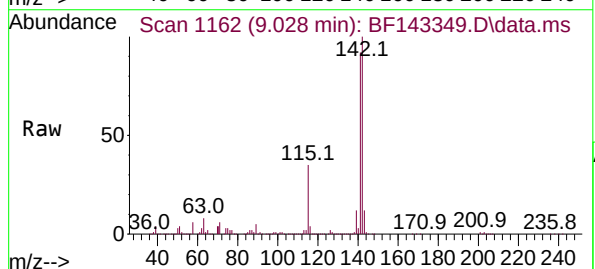
Acq: 12 Aug 2025 12:07

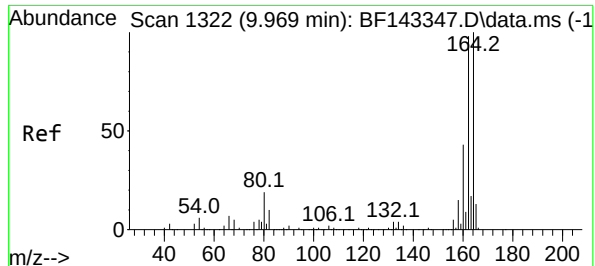
Tgt Ion:142 Resp: 1052909

Ion Ratio Lower Upper

142 100

141 91.6 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.969 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF143349.D

Acq: 12 Aug 2025 12:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

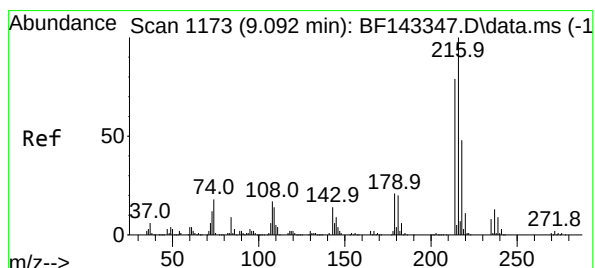
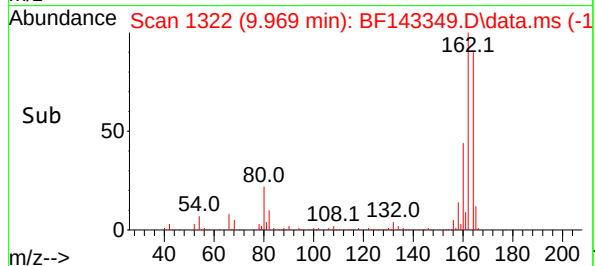
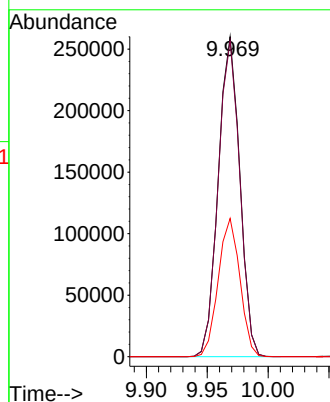
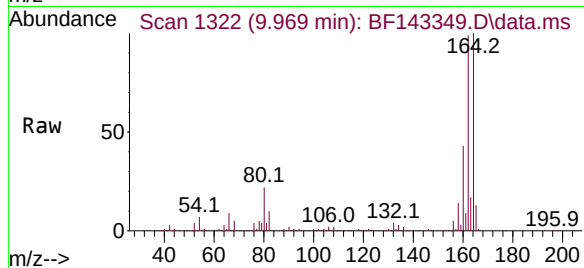
Tgt Ion:164 Resp: 320321

Ion Ratio Lower Upper

164 100

162 98.6 78.6 118.0

160 43.2 34.4 51.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 58.880 ng

RT: 9.092 min Scan# 1173

Delta R.T. -0.000 min

Lab File: BF143349.D

Acq: 12 Aug 2025 12:07

Tgt Ion:216 Resp: 516108

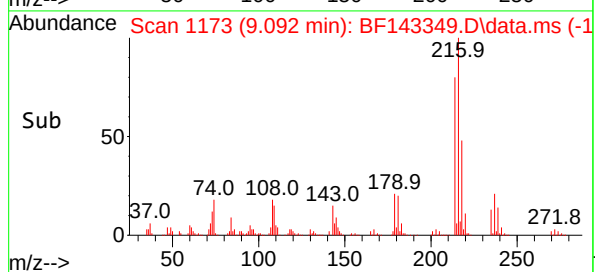
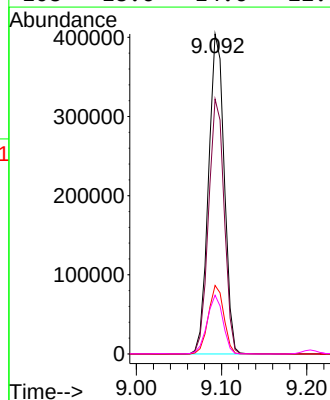
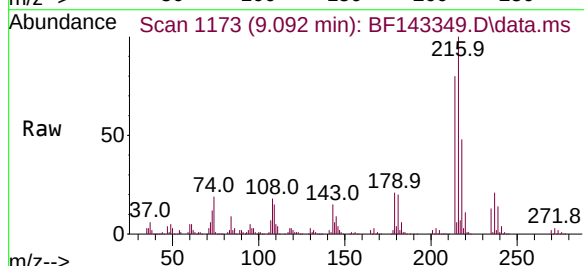
Ion Ratio Lower Upper

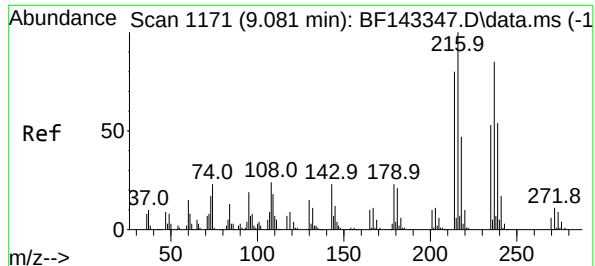
216 100

214 79.3 63.0 94.4

179 21.2 17.0 25.4

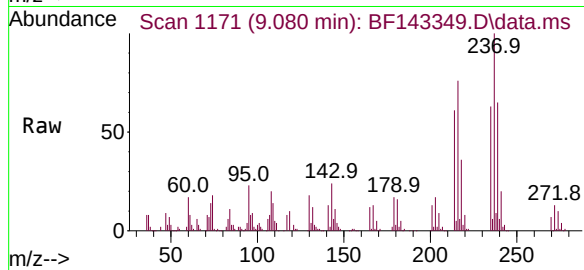
108 18.6 14.6 22.0



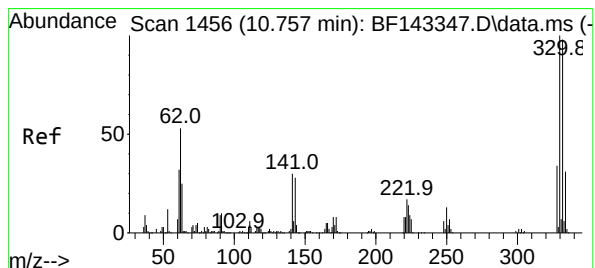
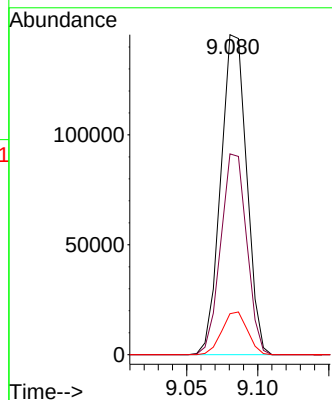
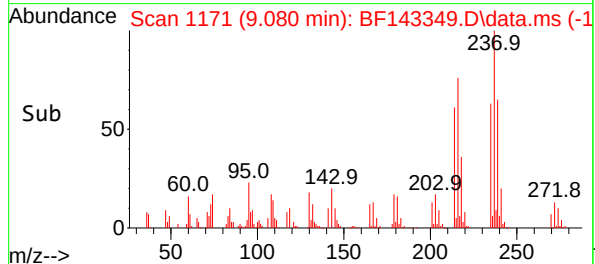


#41
Hexachlorocyclopentadiene
Concen: 61.485 ng
RT: 9.080 min Scan# 1171
Delta R.T. -0.001 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

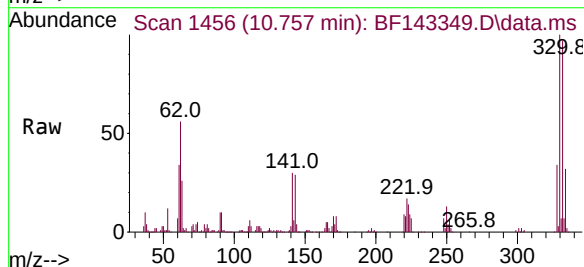
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



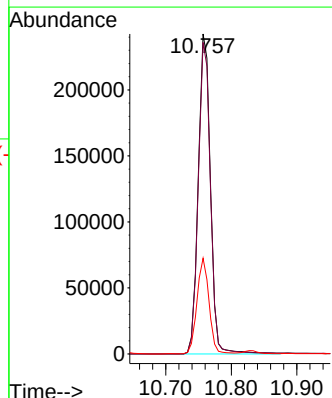
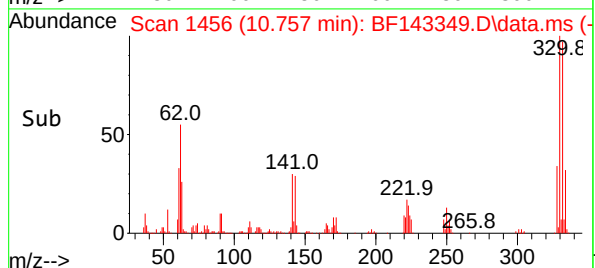
Tgt Ion:237 Resp: 184941
Ion Ratio Lower Upper
237 100
235 62.8 42.0 82.0
272 12.8 0.0 32.6

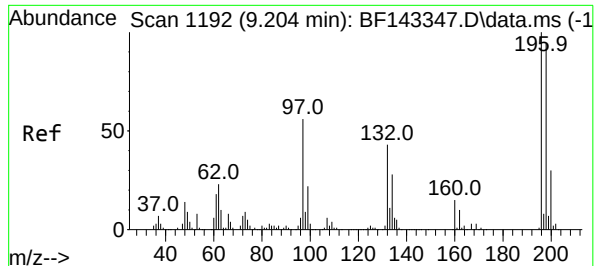


#42
2,4,6-Tribromophenol
Concen: 134.290 ng
RT: 10.757 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07



Tgt Ion:330 Resp: 314370
Ion Ratio Lower Upper
330 100
332 97.6 78.1 117.1
141 29.3 25.4 38.0





#43

2,4,6-Trichlorophenol

Concen: 66.369 ng

RT: 9.204 min Scan# 1192

Delta R.T. -0.000 min

Lab File: BF143349.D

Acq: 12 Aug 2025 12:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

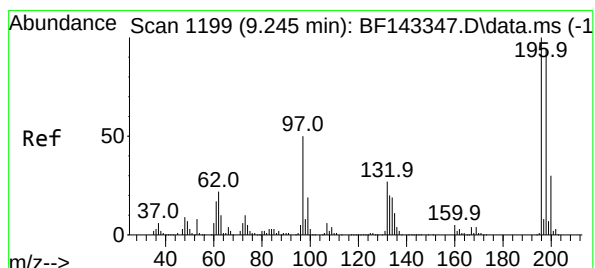
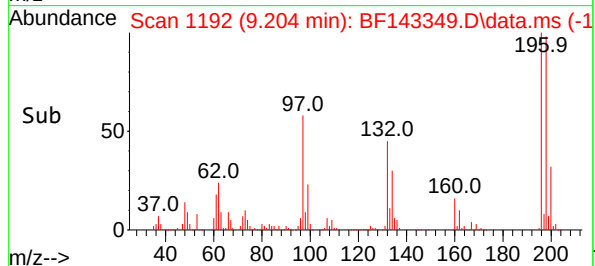
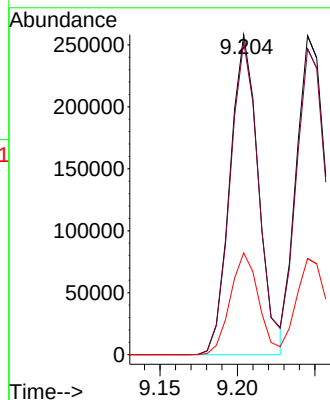
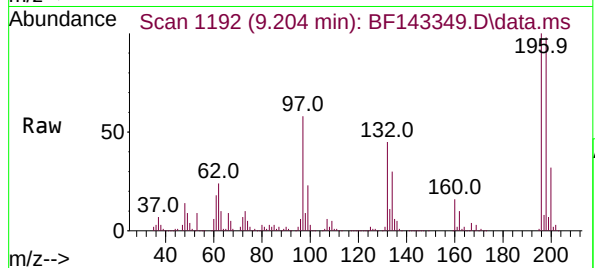
Tgt Ion:196 Resp: 330076

Ion Ratio Lower Upper

196 100

198 97.7 75.4 113.0

200 31.8 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 63.299 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.000 min

Lab File: BF143349.D

Acq: 12 Aug 2025 12:07

Tgt Ion:196 Resp: 355498

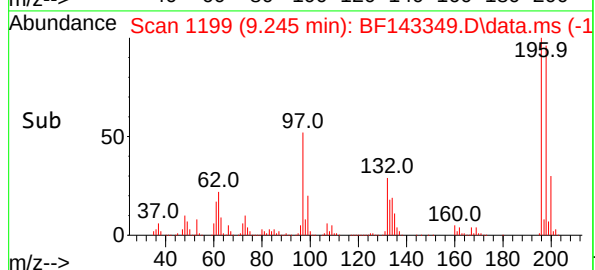
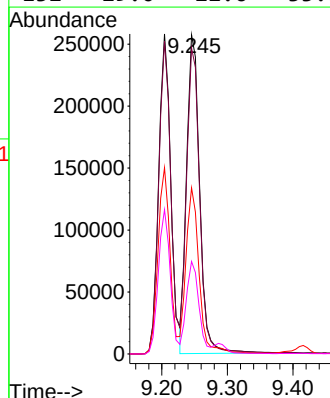
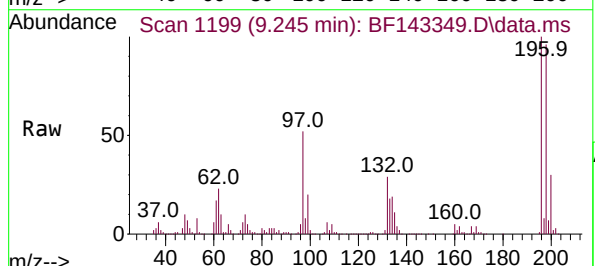
Ion Ratio Lower Upper

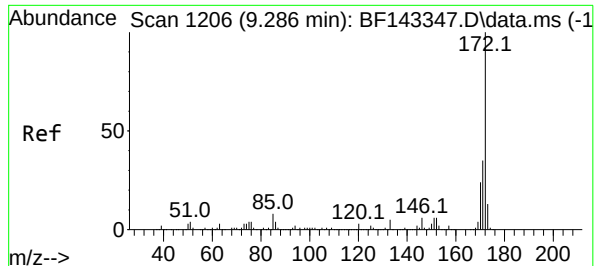
196 100

198 95.9 75.4 113.2

97 52.1 39.9 59.9

132 29.0 22.6 33.8





#45

2-Fluorobiphenyl

Concen: 106.990 ng

RT: 9.286 min Scan# 1206

Delta R.T. -0.000 min

Lab File: BF143349.D

Acq: 12 Aug 2025 12:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

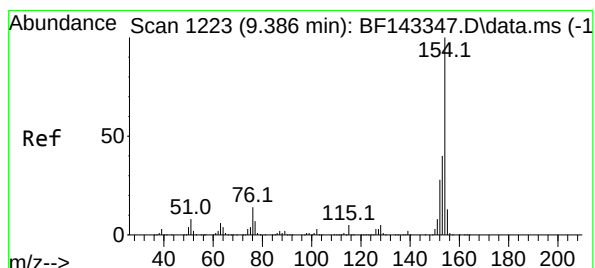
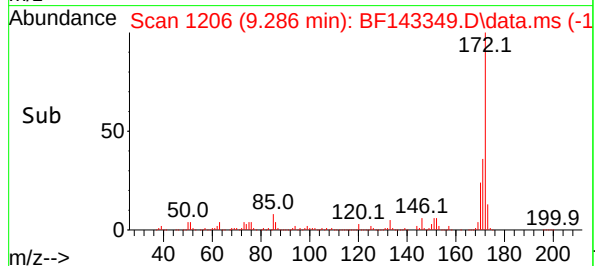
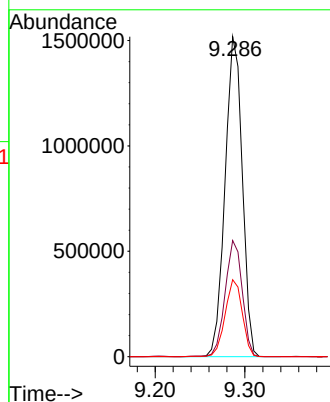
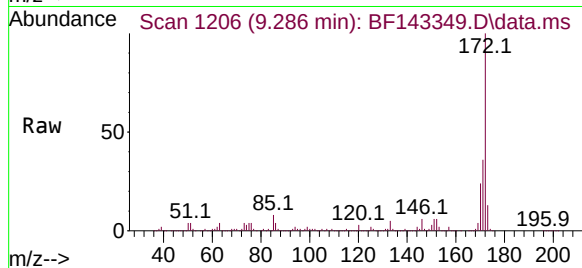
Tgt Ion:172 Resp: 2021003

Ion Ratio Lower Upper

172 100

171 36.3 28.4 42.6

170 24.1 19.1 28.7



#46

1,1'-Biphenyl

Concen: 56.642 ng

RT: 9.392 min Scan# 1224

Delta R.T. 0.006 min

Lab File: BF143349.D

Acq: 12 Aug 2025 12:07

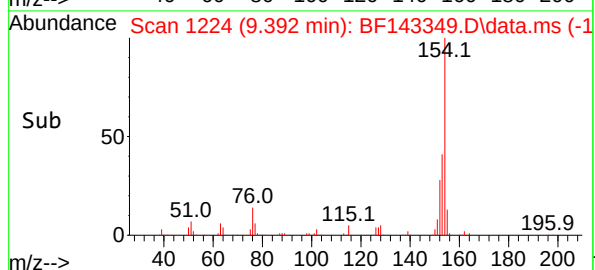
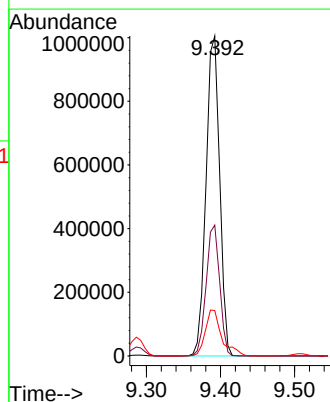
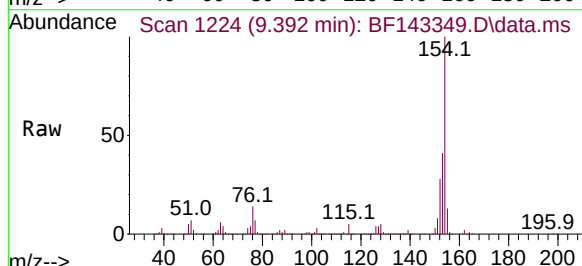
Tgt Ion:154 Resp: 1282862

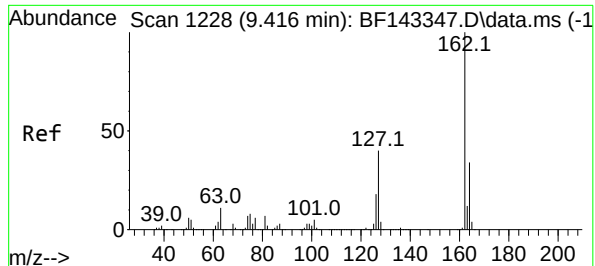
Ion Ratio Lower Upper

154 100

153 40.9 20.2 60.2

76 14.2 0.0 34.4





#47

2-Chloronaphthalene

Concen: 58.223 ng

RT: 9.416 min Scan# 1228

Delta R.T. -0.000 min

Lab File: BF143349.D

Acq: 12 Aug 2025 12:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

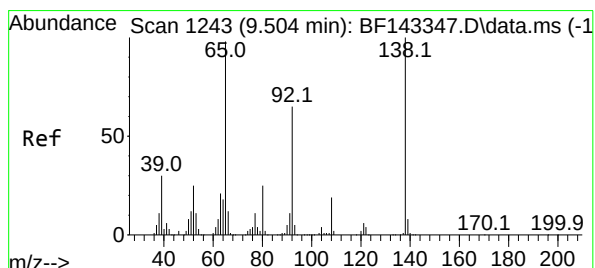
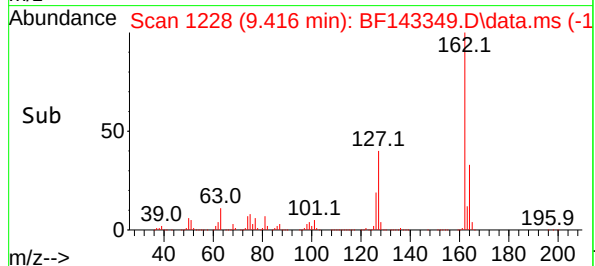
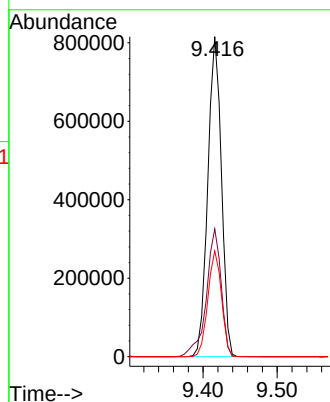
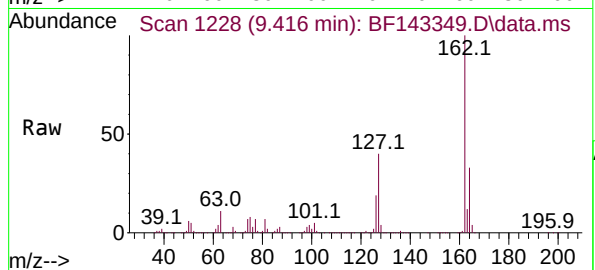
Tgt Ion:162 Resp: 1038548

Ion Ratio Lower Upper

162 100

127 39.9 32.1 48.1

164 33.1 27.0 40.4



#48

2-Nitroaniline

Concen: 61.917 ng

RT: 9.504 min Scan# 1243

Delta R.T. -0.000 min

Lab File: BF143349.D

Acq: 12 Aug 2025 12:07

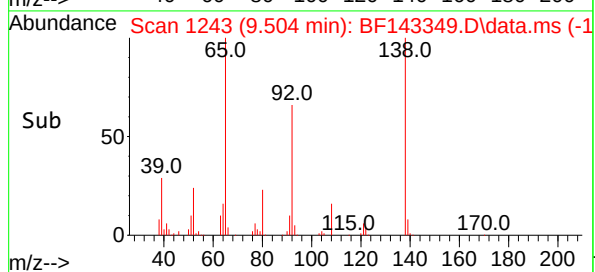
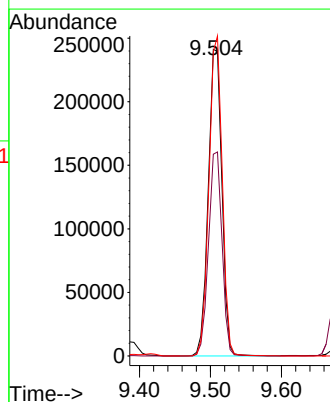
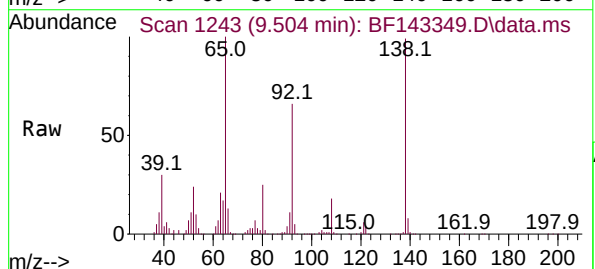
Tgt Ion: 65 Resp: 322909

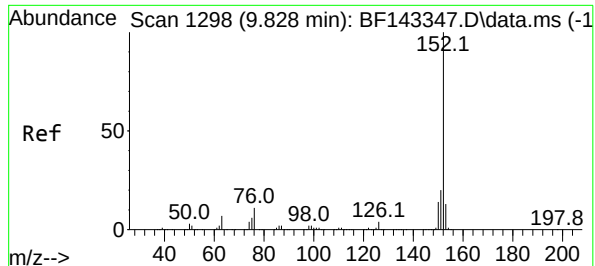
Ion Ratio Lower Upper

65 100

92 65.8 53.1 79.7

138 99.2 81.4 122.0





#49

Acenaphthylene

Concen: 57.494 ng

RT: 9.828 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF143349.D

Acq: 12 Aug 2025 12:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

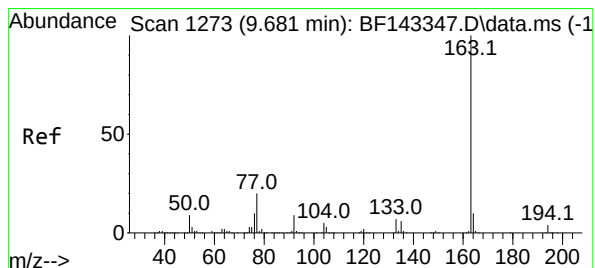
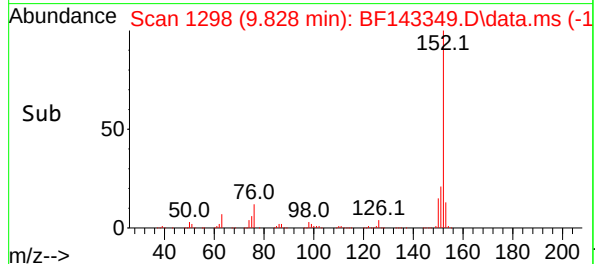
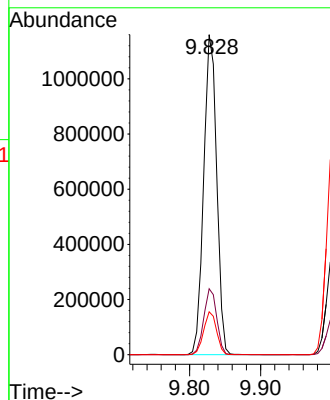
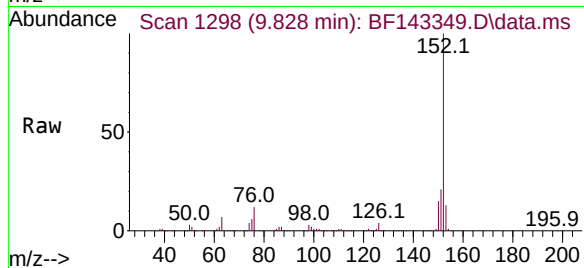
Tgt Ion:152 Resp: 1481001

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.2

153 13.4 10.6 16.0



#50

Dimethylphthalate

Concen: 60.109 ng

RT: 9.680 min Scan# 1273

Delta R.T. -0.000 min

Lab File: BF143349.D

Acq: 12 Aug 2025 12:07

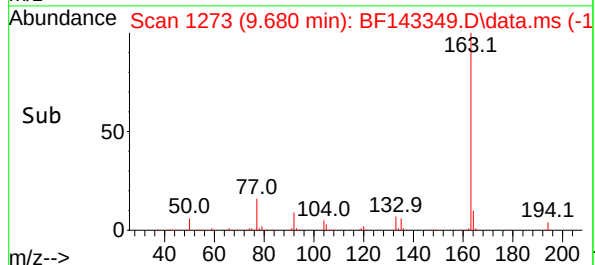
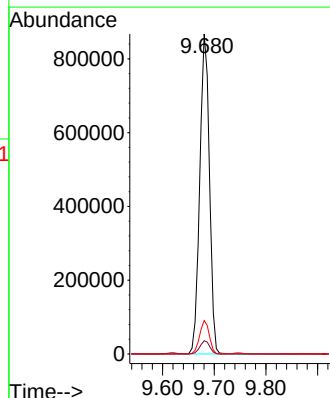
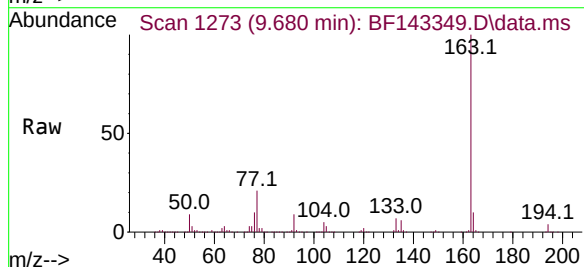
Tgt Ion:163 Resp: 1125050

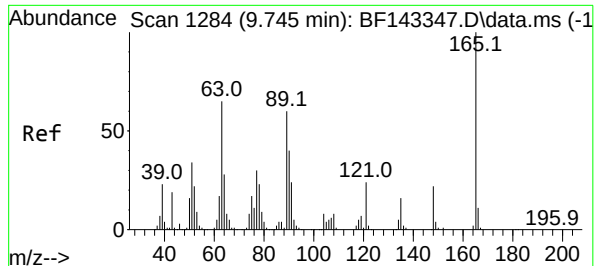
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.5 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 62.496 ng

RT: 9.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143349.D

Acq: 12 Aug 2025 12:07

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

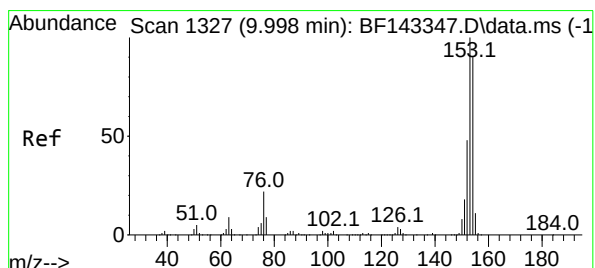
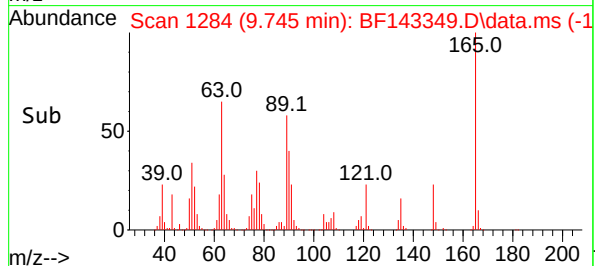
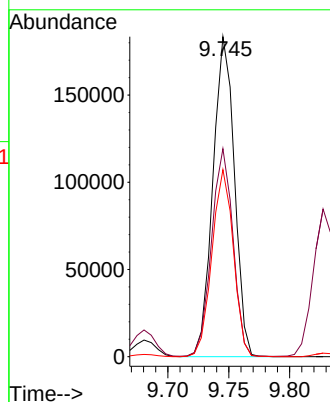
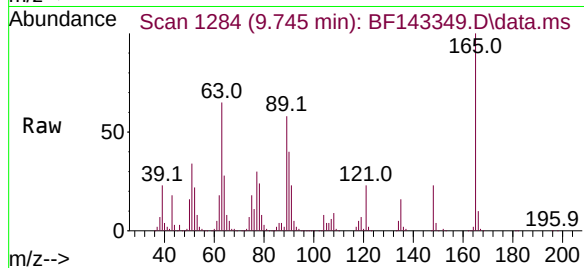
Tgt Ion:165 Resp: 224724

Ion Ratio Lower Upper

165 100

63 65.0 51.6 77.4

89 58.4 47.7 71.5



#52

Acenaphthene

Concen: 57.055 ng

RT: 10.004 min Scan# 1328

Delta R.T. 0.006 min

Lab File: BF143349.D

Acq: 12 Aug 2025 12:07

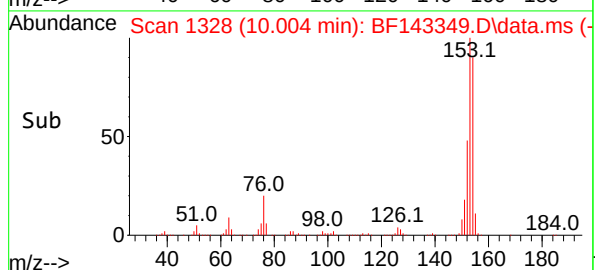
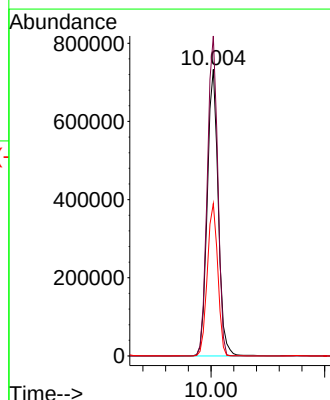
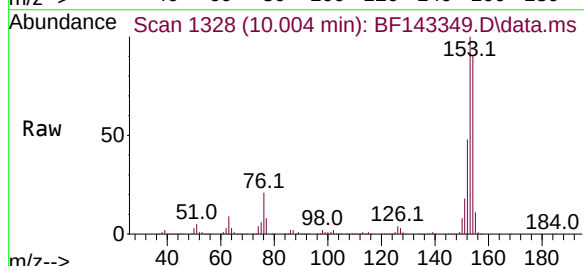
Tgt Ion:154 Resp: 977067

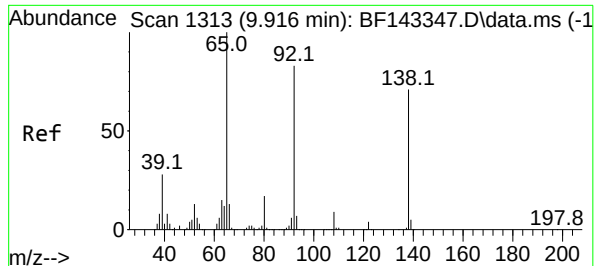
Ion Ratio Lower Upper

154 100

153 111.7 88.5 132.7

152 53.1 42.4 63.6

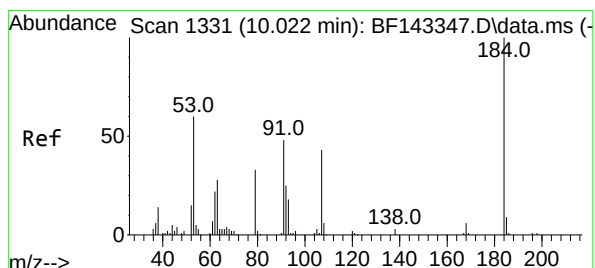
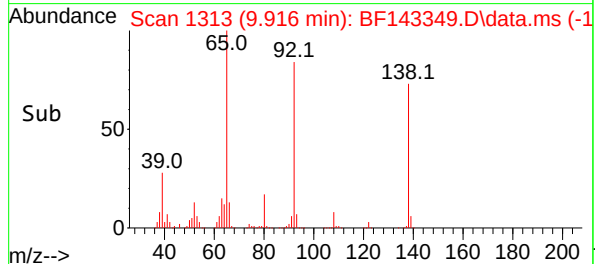
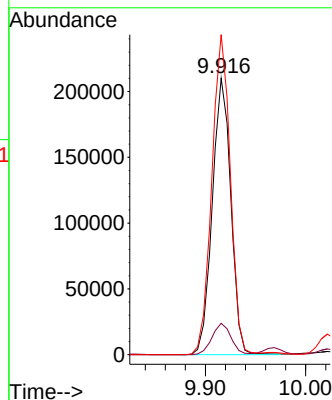
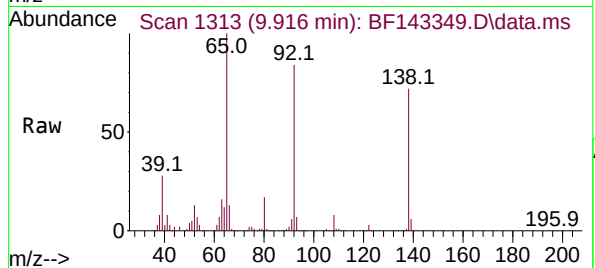




#53
3-Nitroaniline
Concen: 70.462 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

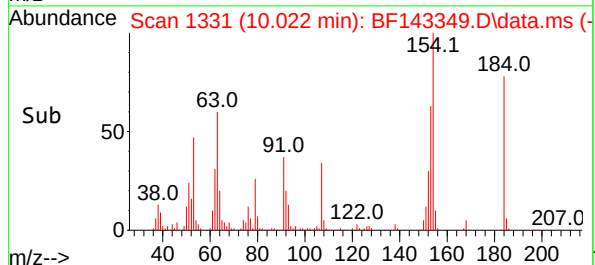
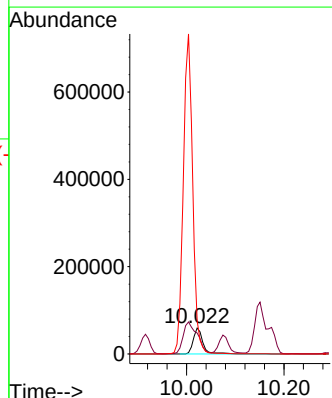
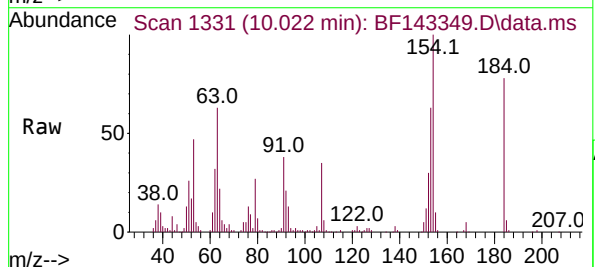
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

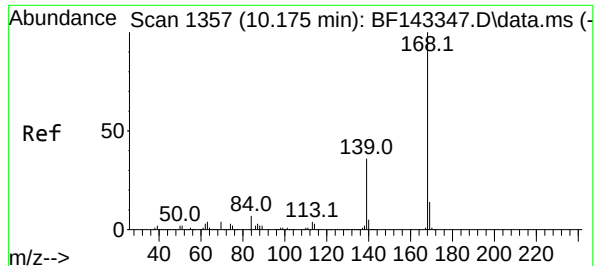
Tgt Ion:138 Resp: 270085
Ion Ratio Lower Upper
138 100
108 11.3 9.6 14.4
92 115.8 93.4 140.2



#54
2,4-Dinitrophenol
Concen: 62.319 ng
RT: 10.022 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Tgt Ion:184 Resp: 82451
Ion Ratio Lower Upper
184 100
63 81.0 62.5 93.7
154 128.7 73.0 109.4#





#55

Dibenzenofuran

Concen: 56.379 ng

RT: 10.175 min Scan# 1357

Delta R.T. -0.000 min

Lab File: BF143349.D

Acq: 12 Aug 2025 12:07

Instrument :

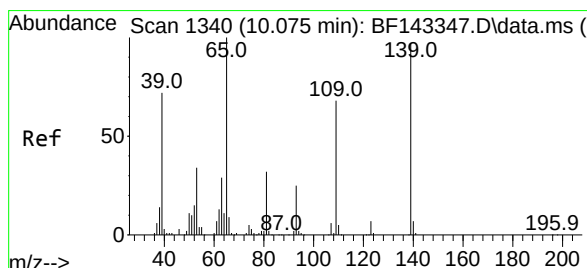
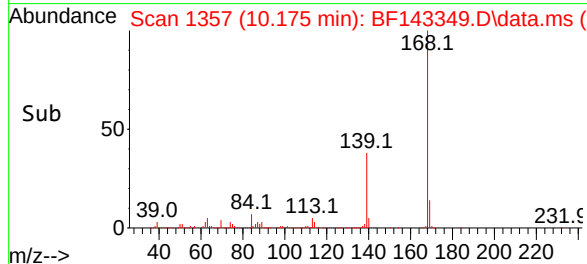
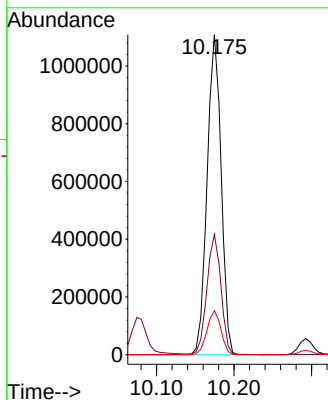
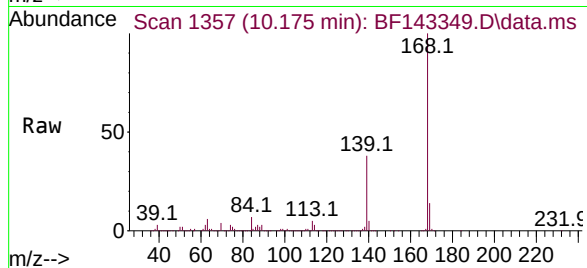
BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:168 Resp: 1389556

Ion	Ratio	Lower	Upper
168	100		
139	37.6	29.4	44.0
169	13.8	11.0	16.6



#56

4-Nitrophenol

Concen: 62.130 ng

RT: 10.075 min Scan# 1340

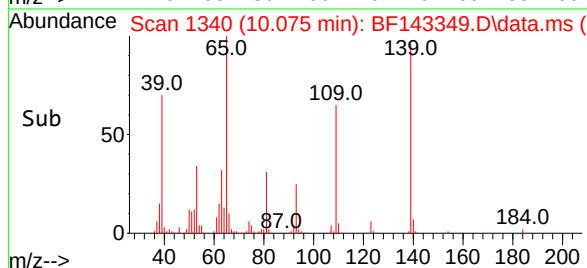
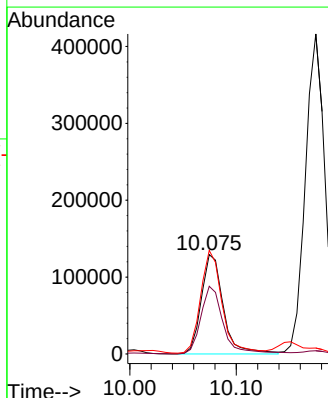
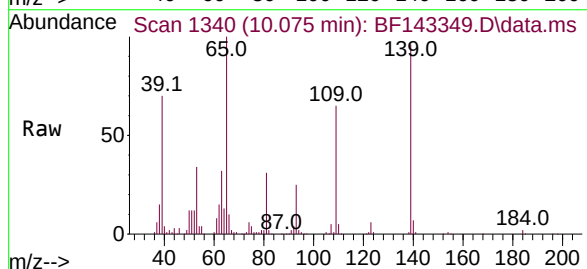
Delta R.T. -0.000 min

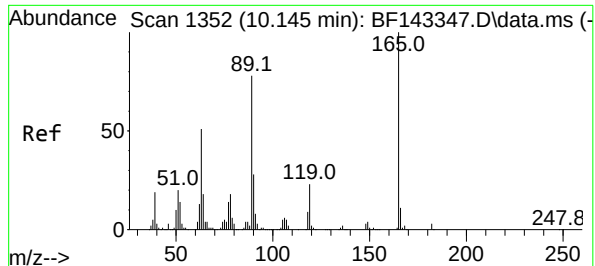
Lab File: BF143349.D

Acq: 12 Aug 2025 12:07

Tgt Ion:139 Resp: 186307

Ion	Ratio	Lower	Upper
139	100		
109	68.0	49.4	89.4
65	104.1	83.7	123.7

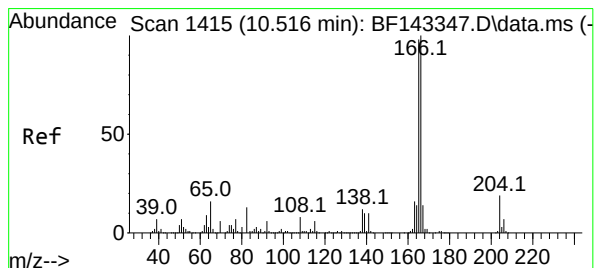
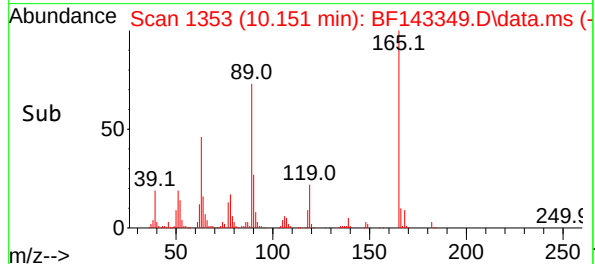
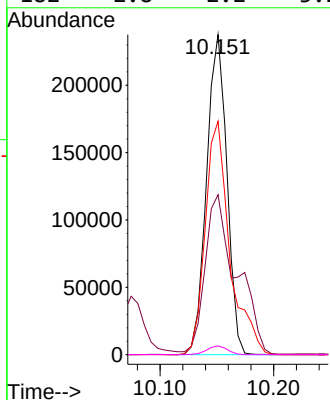
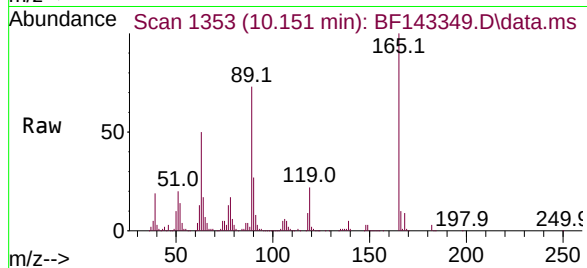




#57
2,4-Dinitrotoluene
Concen: 61.944 ng
RT: 10.151 min Scan# 1353
Delta R.T. 0.006 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

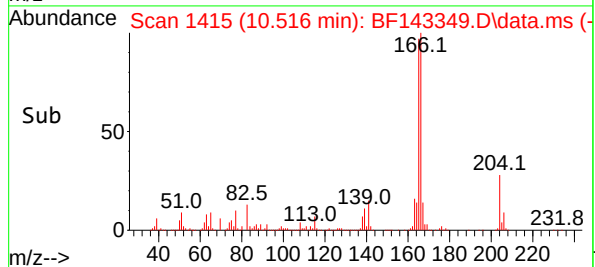
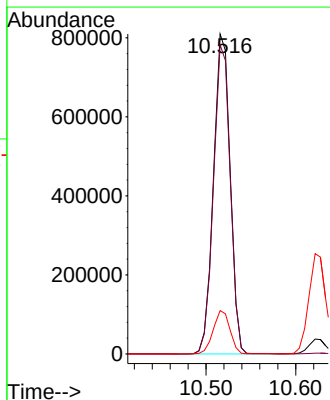
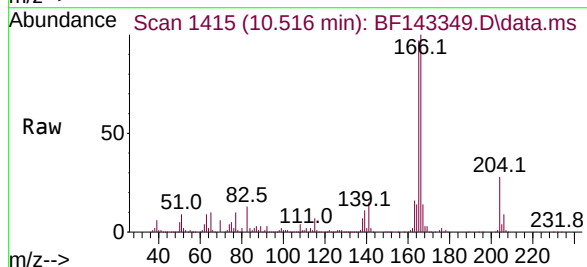
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

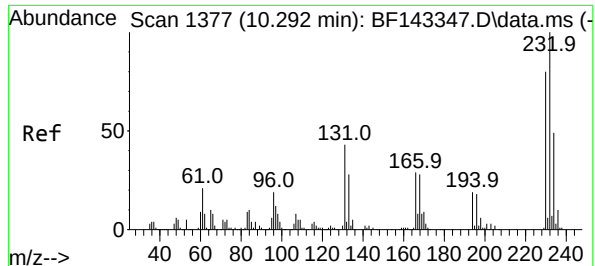
Tgt Ion:165 Resp: 295520
Ion Ratio Lower Upper
165 100
63 50.0 41.8 62.8
89 73.0 62.4 93.6
182 2.8 2.2 3.2



#58
Fluorene
Concen: 55.570 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

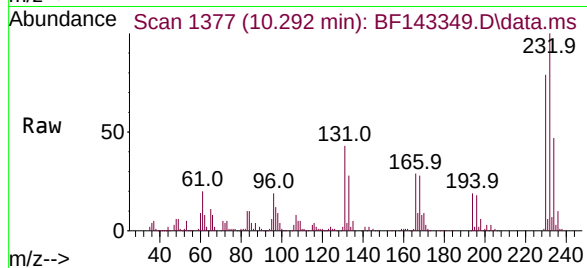
Tgt Ion:166 Resp: 1046138
Ion Ratio Lower Upper
166 100
165 96.6 78.2 117.4
167 13.6 10.9 16.3



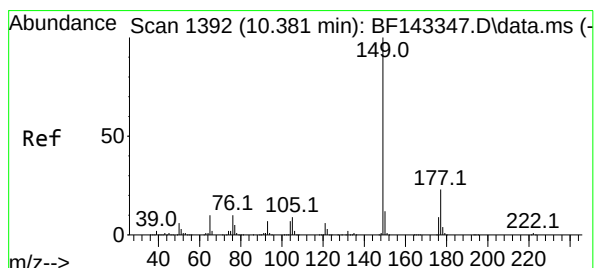
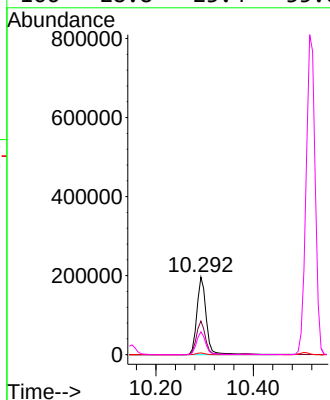
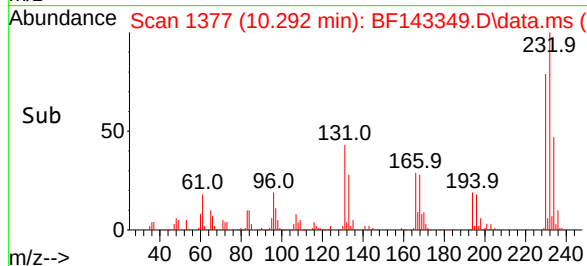


#59
2,3,4,6-Tetrachlorophenol
Concen: 70.050 ng
RT: 10.292 min Scan# 1377
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

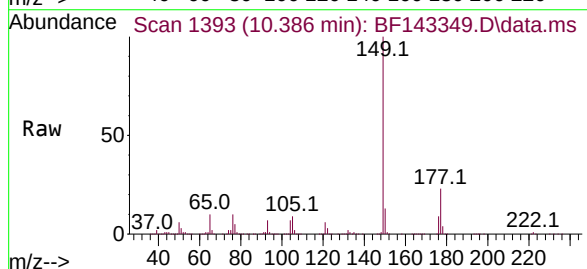
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



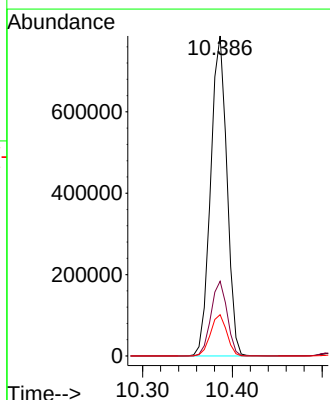
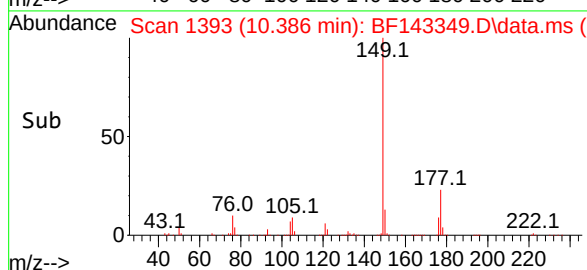
Tgt Ion:232 Resp: 265201
Ion Ratio Lower Upper
232 100
131 42.0 34.6 51.8
130 2.1 1.7 2.5
166 28.8 23.4 35.0

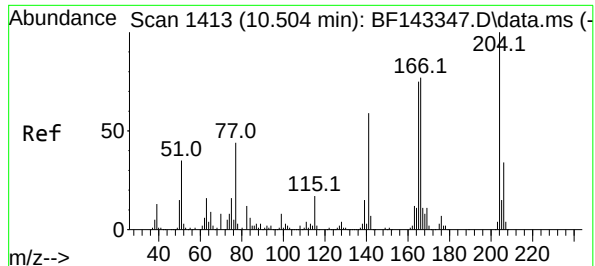


#60
Diethylphthalate
Concen: 59.094 ng
RT: 10.386 min Scan# 1393
Delta R.T. 0.006 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07



Tgt Ion:149 Resp: 990716
Ion Ratio Lower Upper
149 100
177 23.4 18.2 27.2
150 12.9 9.9 14.9

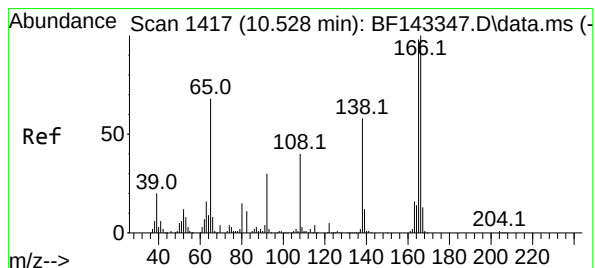
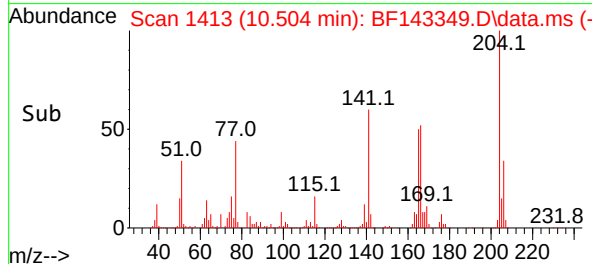
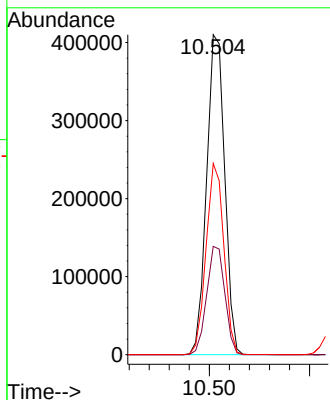
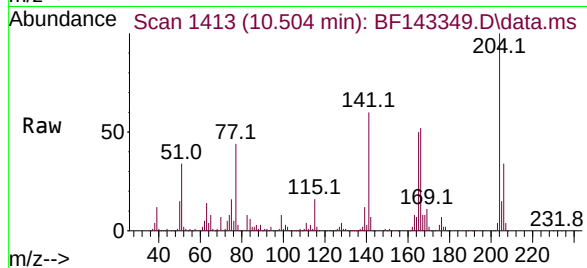




#61
4-Chlorophenyl-phenylether
Concen: 56.664 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

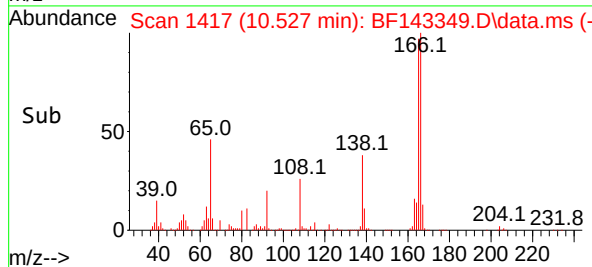
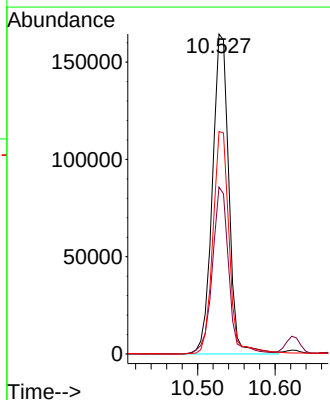
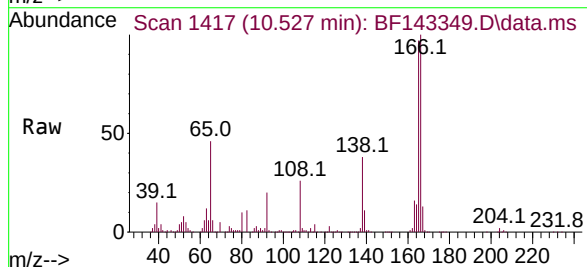
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

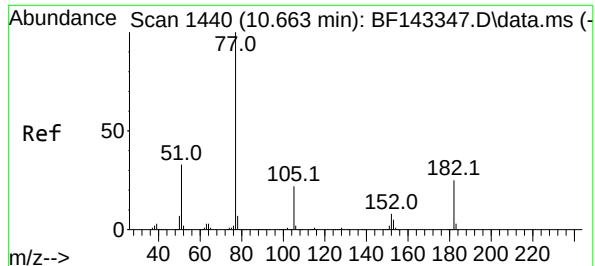
Tgt Ion:204 Resp: 515436
Ion Ratio Lower Upper
204 100
206 33.8 27.4 41.2
141 59.8 46.9 70.3



#62
4-Nitroaniline
Concen: 65.508 ng
RT: 10.527 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Tgt Ion:138 Resp: 242938
Ion Ratio Lower Upper
138 100
92 52.2 31.2 71.2
108 69.5 48.1 88.1

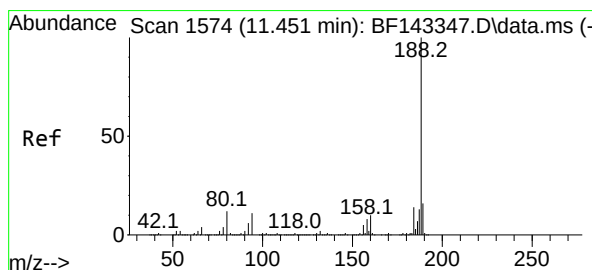
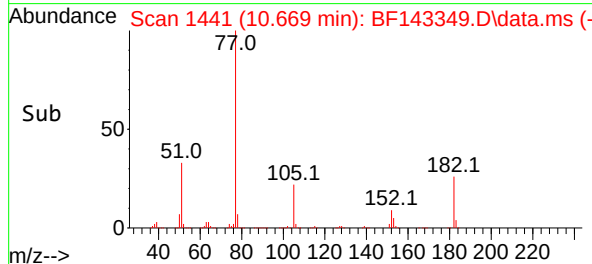
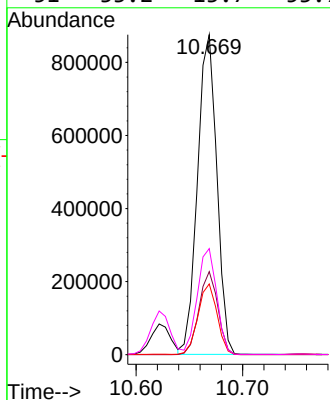
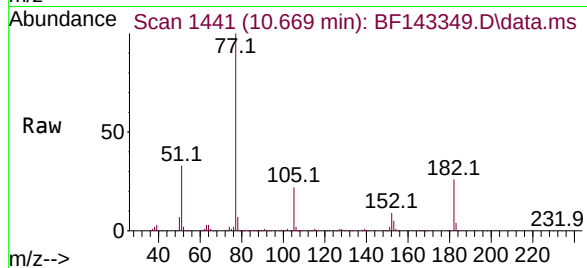




#63
Azobenzene
Concen: 57.669 ng
RT: 10.669 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

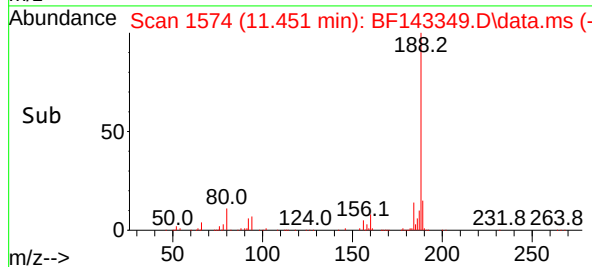
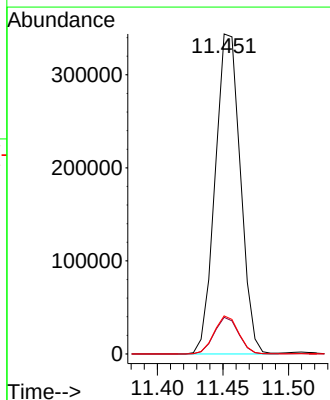
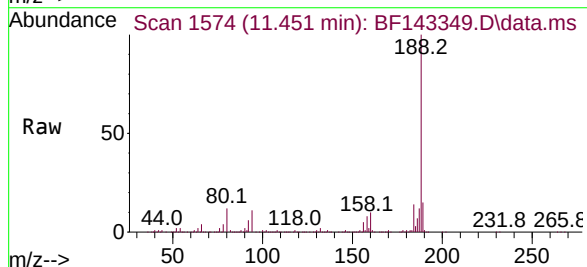
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

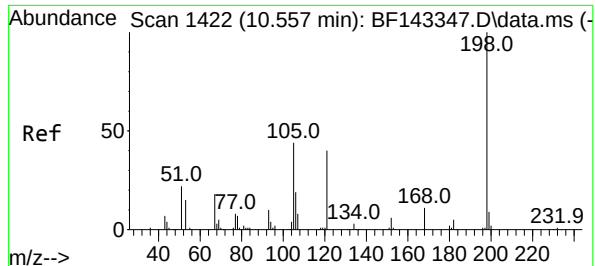
Tgt Ion: 77 Resp: 1104323
Ion Ratio Lower Upper
77 100
182 26.0 4.4 44.4
105 22.1 1.8 41.8
51 33.2 13.7 53.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Tgt Ion: 188 Resp: 460173
Ion Ratio Lower Upper
188 100
94 11.4 8.8 13.2
80 11.9 9.7 14.5

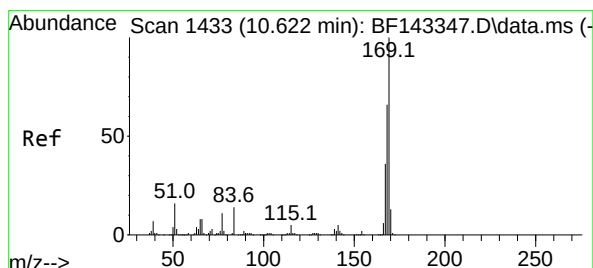
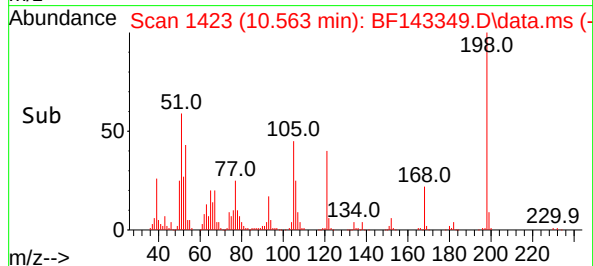
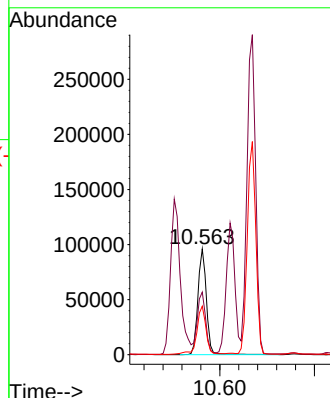
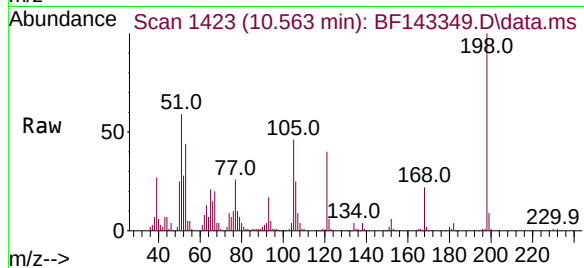




#65
4,6-Dinitro-2-methylphenol
Concen: 61.844 ng
RT: 10.563 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

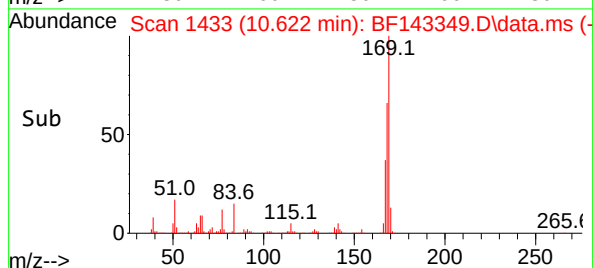
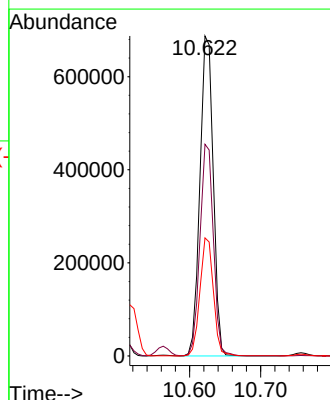
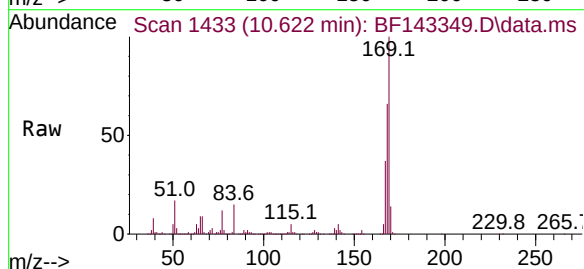
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

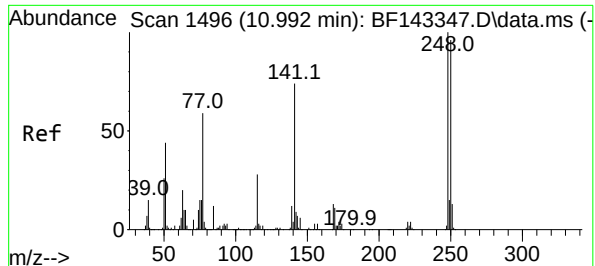
Tgt Ion:198 Resp: 119734
Ion Ratio Lower Upper
198 100
51 59.2 41.7 81.7
105 45.8 26.8 66.8



#66
n-Nitrosodiphenylamine
Concen: 59.328 ng
RT: 10.622 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Tgt Ion:169 Resp: 898967
Ion Ratio Lower Upper
169 100
168 66.2 52.7 79.1
167 36.9 28.6 42.8

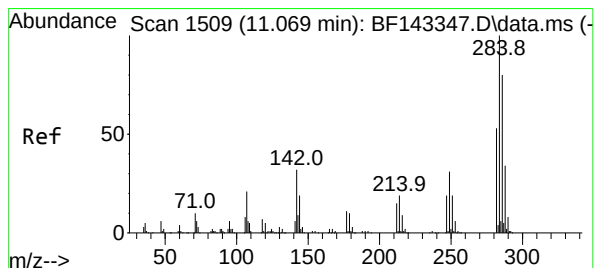
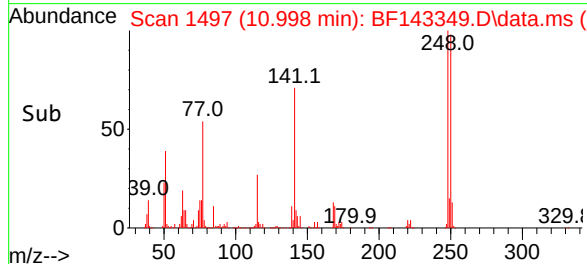
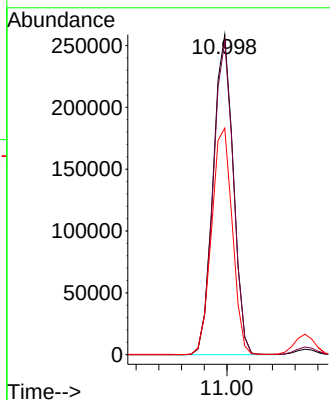
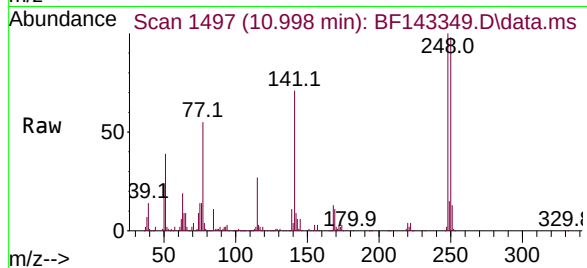




#67
4-Bromophenyl-phenylether
Concen: 60.555 ng
RT: 10.998 min Scan# 1496
Delta R.T. 0.006 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

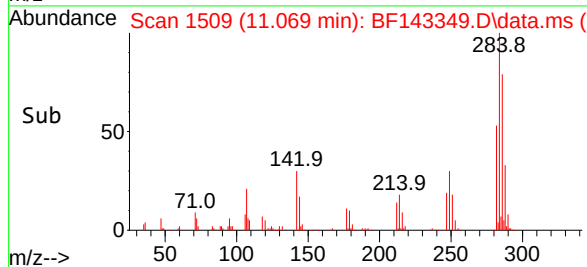
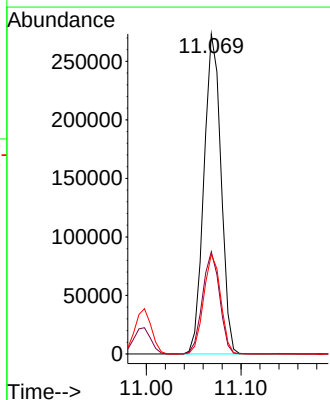
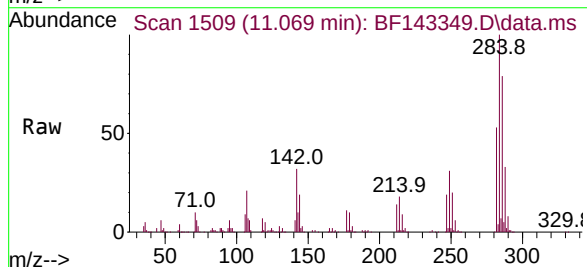
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

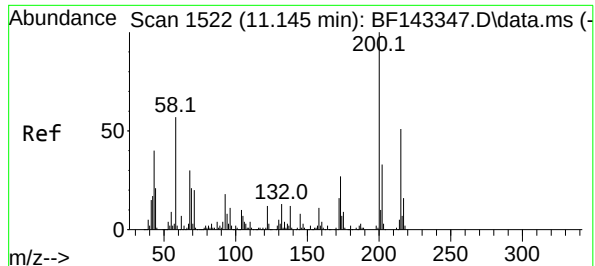
Tgt Ion:248 Resp: 318696
Ion Ratio Lower Upper
248 100
250 98.0 77.1 115.7
141 70.8 59.1 88.7



#68
Hexachlorobenzene
Concen: 60.282 ng
RT: 11.069 min Scan# 1509
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Tgt Ion:284 Resp: 341976
Ion Ratio Lower Upper
284 100
142 32.0 25.7 38.5
249 31.1 24.6 37.0





#69

Atrazine

Concen: 63.410 ng

RT: 11.145 min Scan# 1522

Delta R.T. -0.000 min

Lab File: BF143349.D

Acq: 12 Aug 2025 12:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

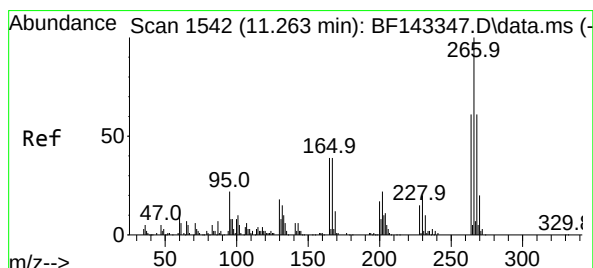
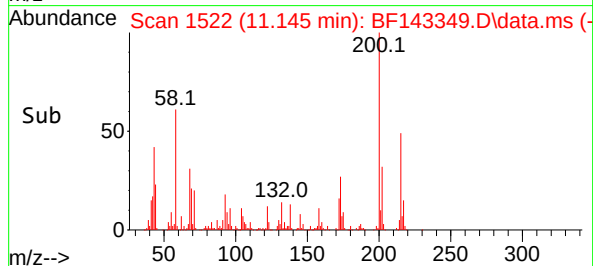
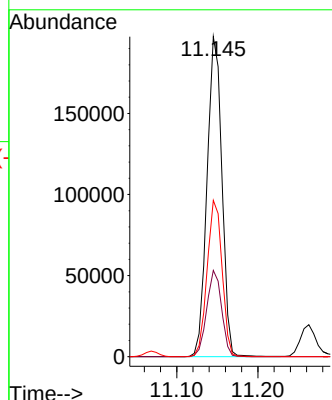
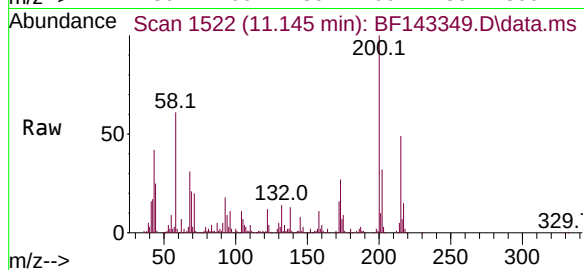
Tgt Ion:200 Resp: 250602

Ion Ratio Lower Upper

200 100

173 27.0 6.6 46.6

215 48.9 30.6 70.6



#70

Pentachlorophenol

Concen: 61.169 ng

RT: 11.263 min Scan# 1542

Delta R.T. -0.000 min

Lab File: BF143349.D

Acq: 12 Aug 2025 12:07

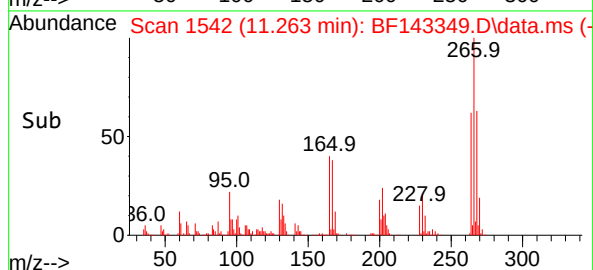
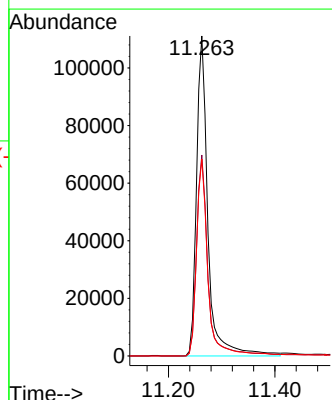
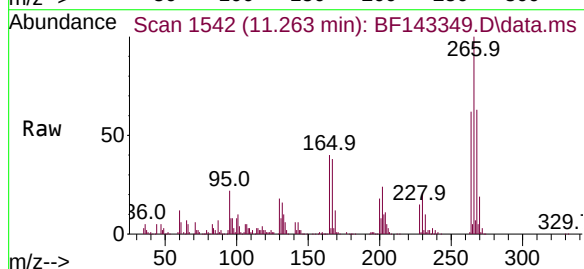
Tgt Ion:266 Resp: 165675

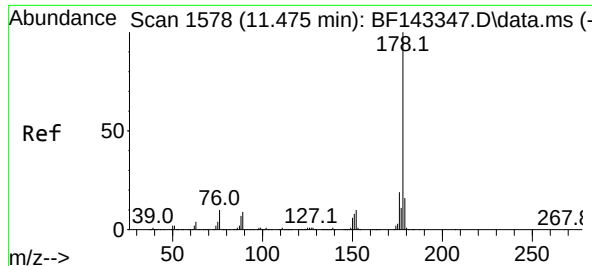
Ion Ratio Lower Upper

266 100

268 62.8 48.8 73.2

264 61.5 48.8 73.2

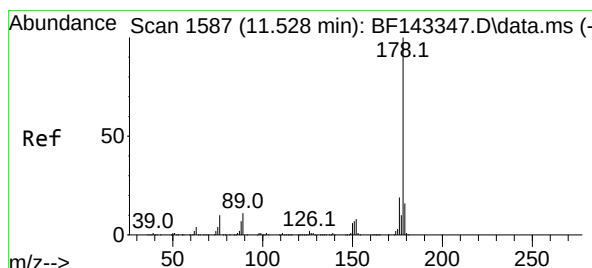
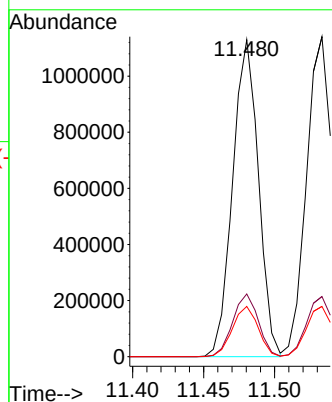
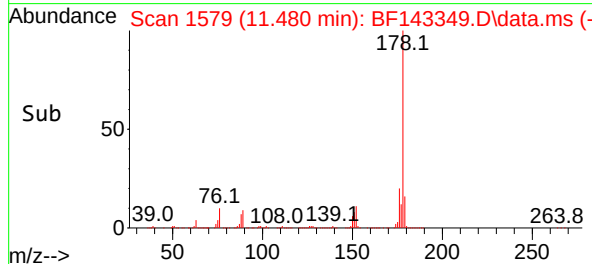
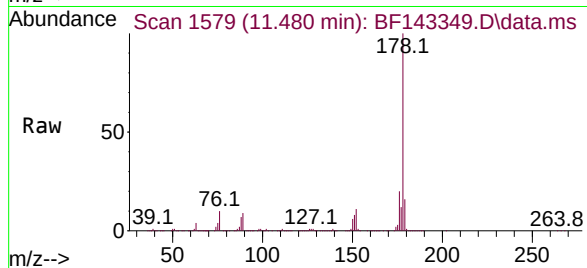




#71
Phenanthrene
Concen: 56.831 ng
RT: 11.480 min Scan# 1578
Delta R.T. 0.006 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

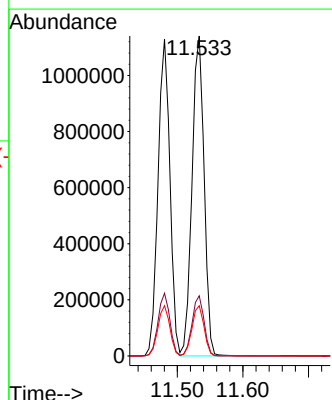
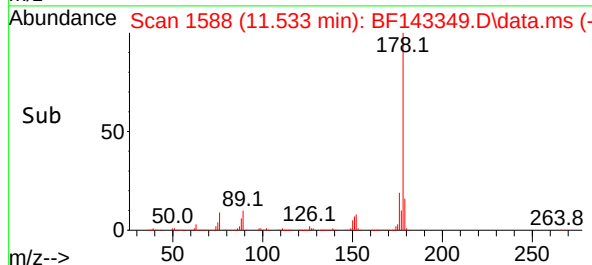
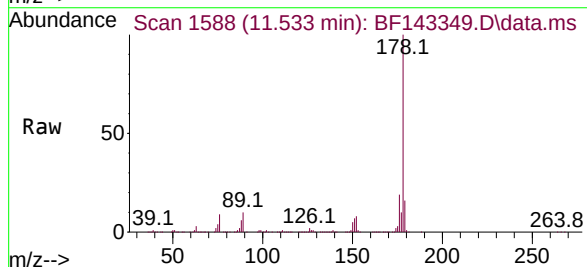
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

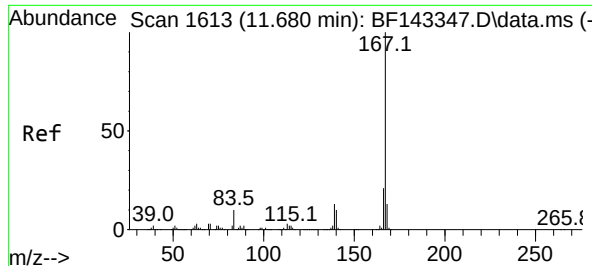
Tgt Ion:178 Resp: 1426848
Ion Ratio Lower Upper
178 100
176 19.8 15.5 23.3
179 15.9 12.5 18.7



#72
Anthracene
Concen: 57.330 ng
RT: 11.533 min Scan# 1588
Delta R.T. 0.006 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Tgt Ion:178 Resp: 1459751
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.7 12.7 19.1

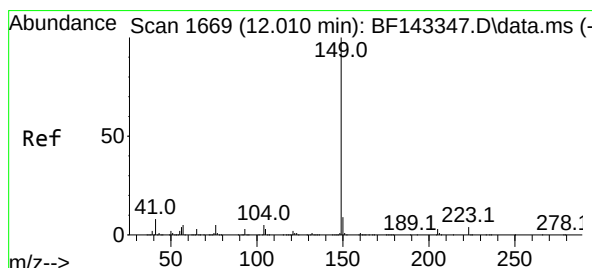
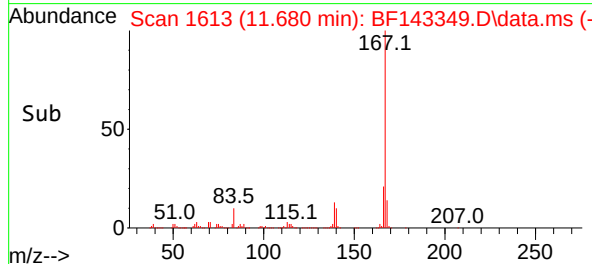
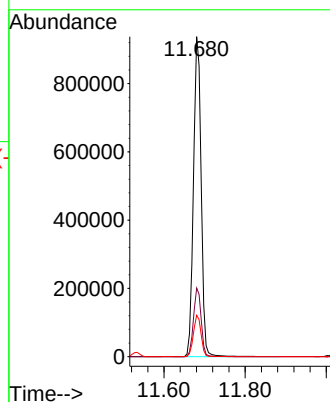
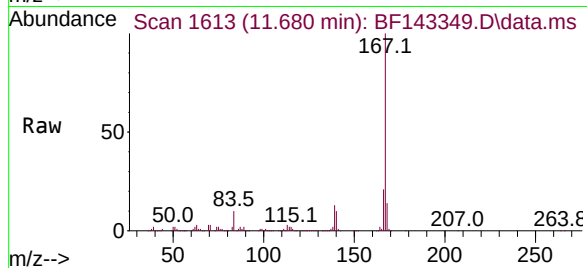




#73
Carbazole
Concen: 56.857 ng
RT: 11.680 min Scan# 1613
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

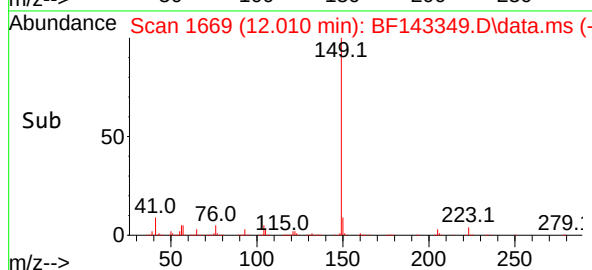
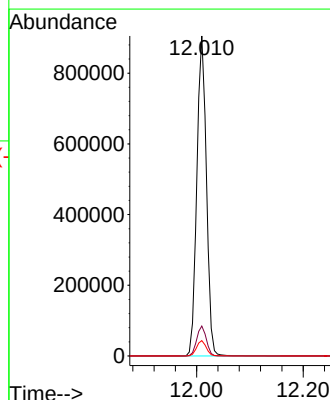
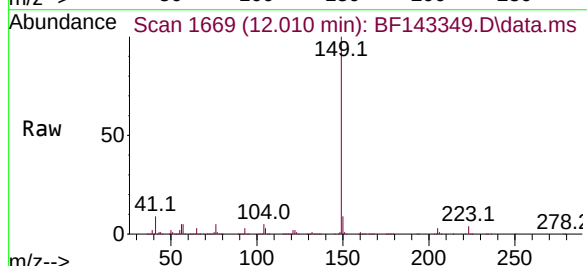
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

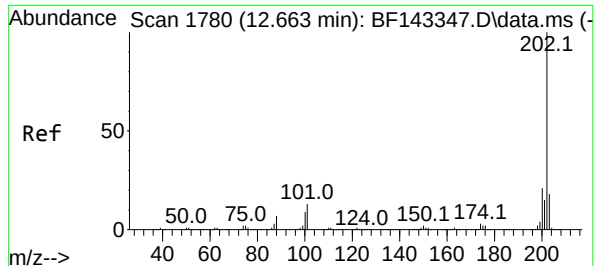
Tgt Ion:167 Resp: 1232939
Ion Ratio Lower Upper
167 100
166 21.5 16.8 25.2
139 13.0 10.2 15.2



#74
Di-n-butylphthalate
Concen: 61.437 ng
RT: 12.010 min Scan# 1669
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Tgt Ion:149 Resp: 1127365
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.0
104 4.8 3.8 5.8

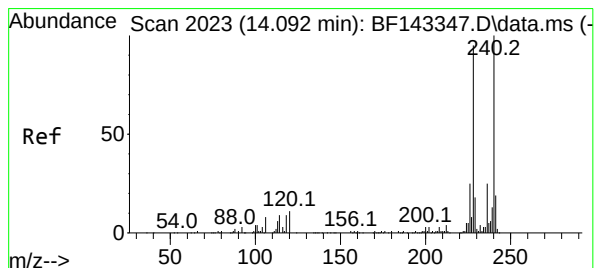
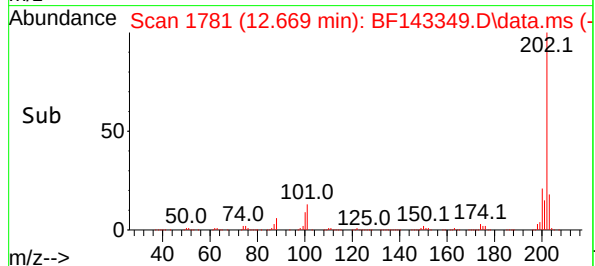
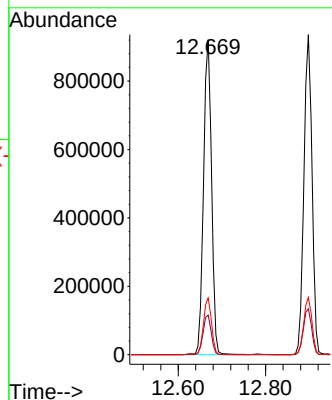
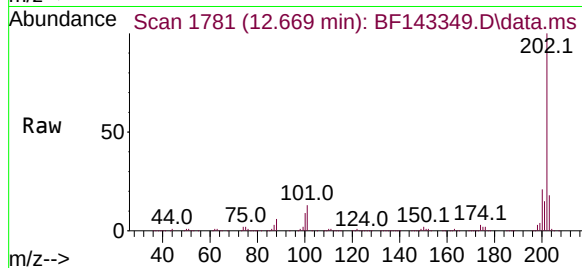




#75
Fluoranthene
Concen: 53.737 ng
RT: 12.669 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

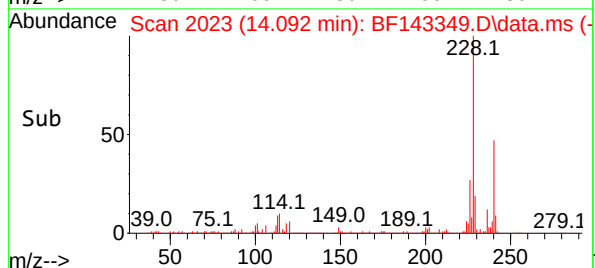
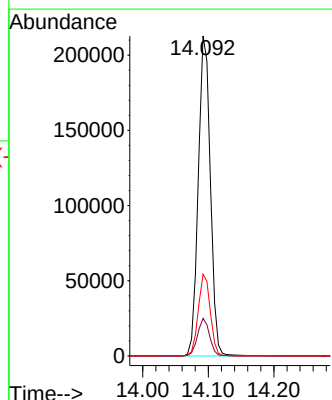
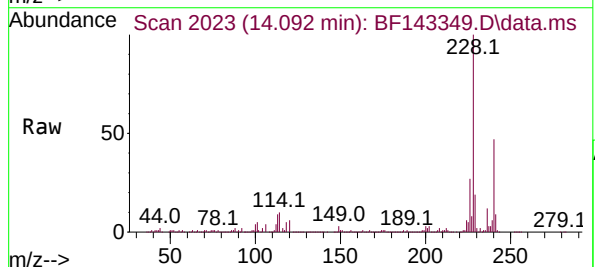
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

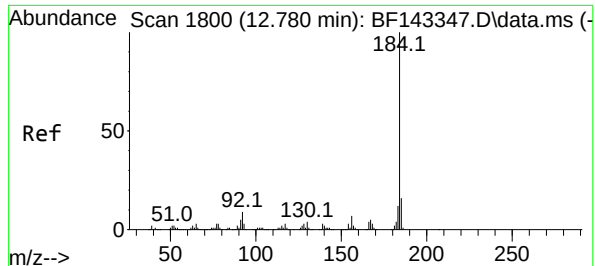
Tgt Ion:202 Resp: 1181812
Ion Ratio Lower Upper
202 100
101 12.6 0.0 33.2
203 18.0 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Tgt Ion:240 Resp: 273246
Ion Ratio Lower Upper
240 100
120 11.7 9.0 13.6
236 25.6 19.9 29.9





#77

Benzidine

Concen: 56.115 ng

RT: 12.780 min Scan# 1800

Delta R.T. -0.000 min

Lab File: BF143349.D

Acq: 12 Aug 2025 12:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

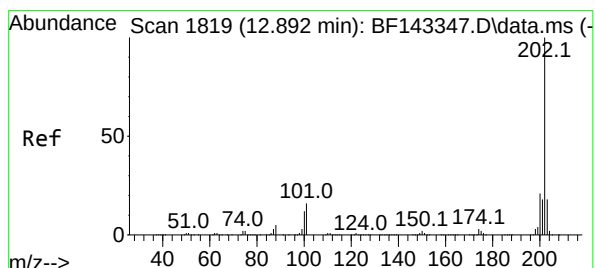
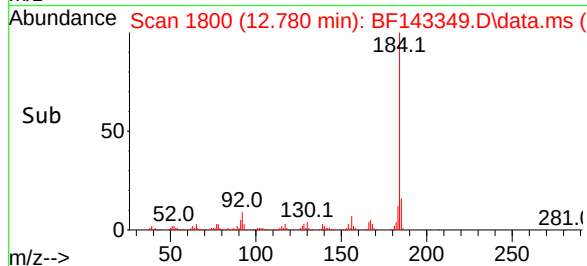
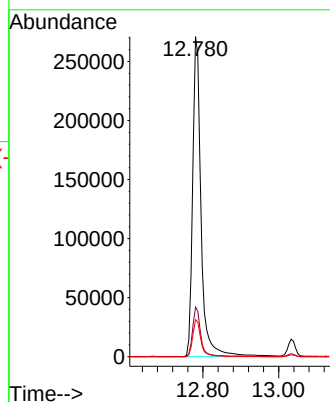
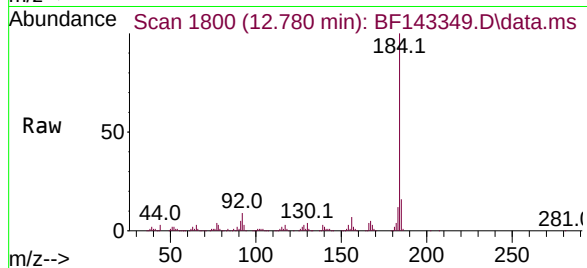
Tgt Ion:184 Resp: 419198

Ion Ratio Lower Upper

184 100

185 15.5 12.8 19.2

183 11.5 9.3 13.9



#78

Pyrene

Concen: 52.212 ng

RT: 12.898 min Scan# 1820

Delta R.T. 0.006 min

Lab File: BF143349.D

Acq: 12 Aug 2025 12:07

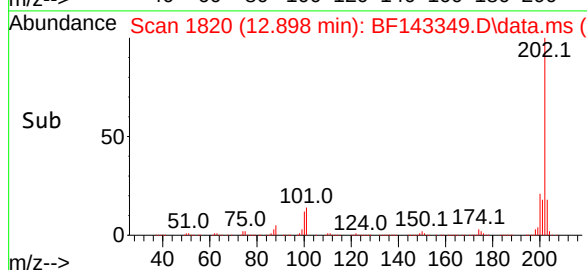
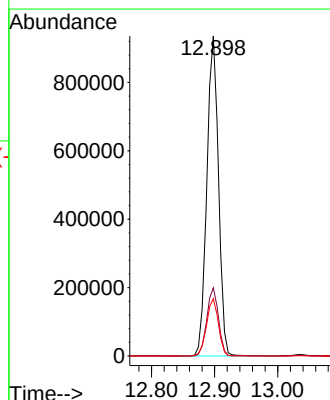
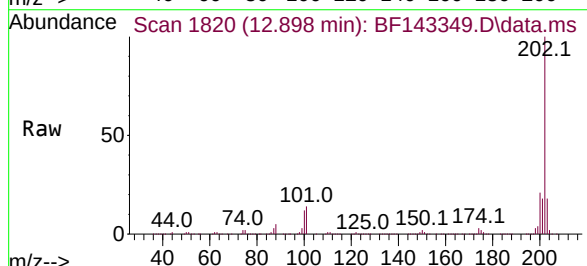
Tgt Ion:202 Resp: 1196849

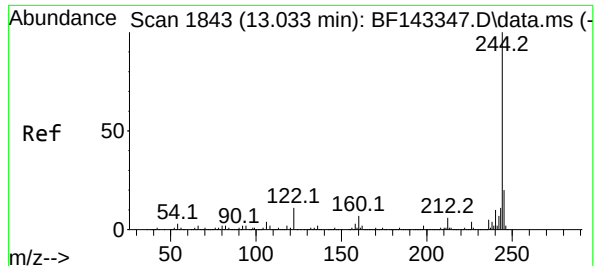
Ion Ratio Lower Upper

202 100

200 21.3 16.8 25.2

203 17.9 14.2 21.4

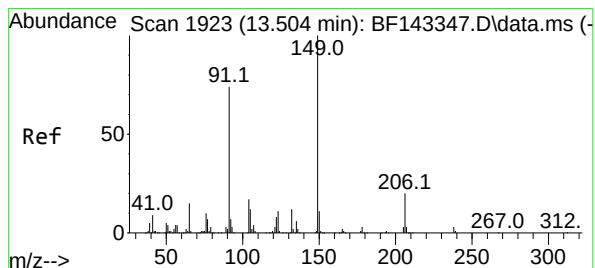
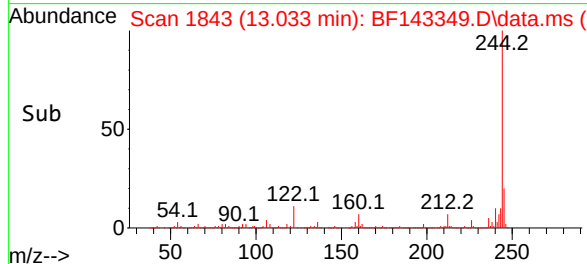
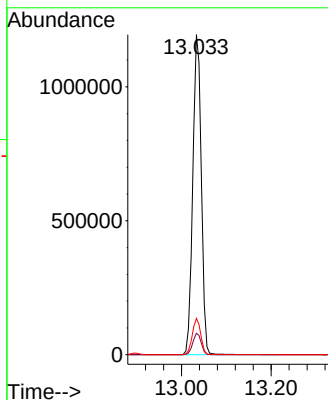
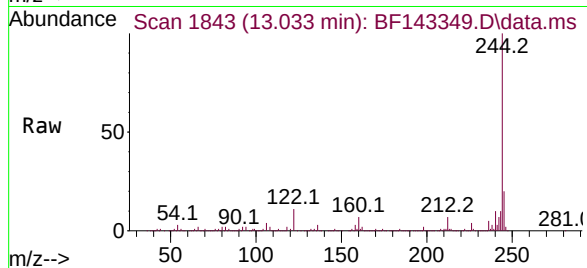




#79
Terphenyl-d14
Concen: 102.507 ng
RT: 13.033 min Scan# 1843
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

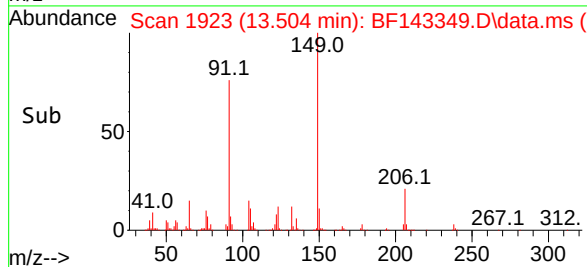
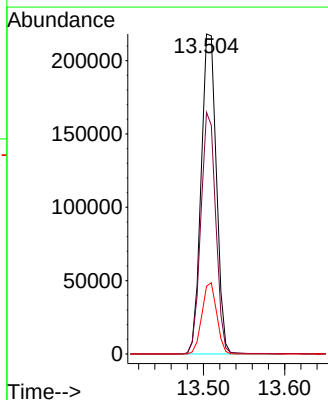
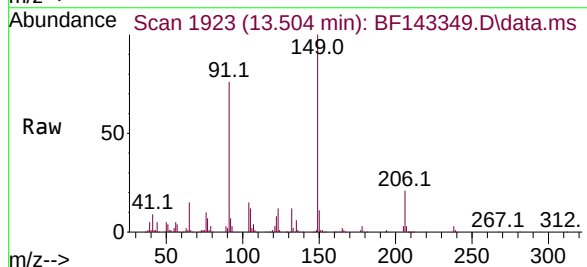
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

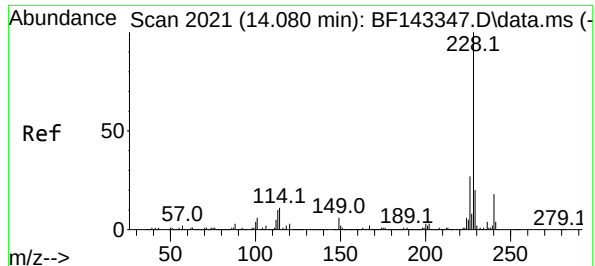
Tgt Ion:244 Resp: 1568868
Ion Ratio Lower Upper
244 100
212 6.7 5.1 7.7
122 11.3 8.9 13.3



#80
Butylbenzylphthalate
Concen: 61.669 ng
RT: 13.504 min Scan# 1923
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Tgt Ion:149 Resp: 283998
Ion Ratio Lower Upper
149 100
91 75.5 58.8 88.2
206 21.2 16.4 24.6

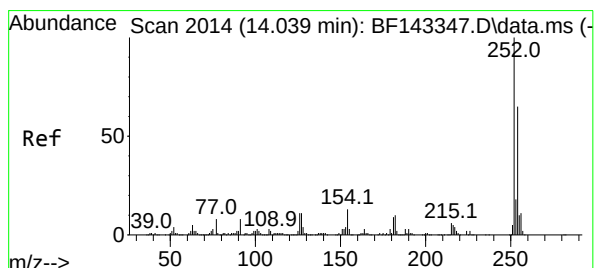
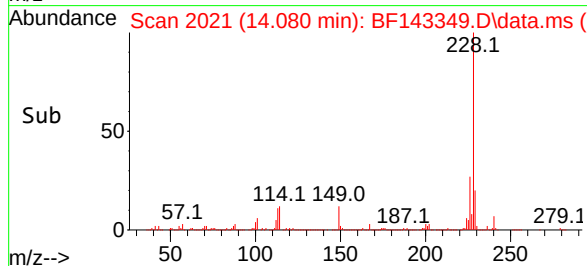
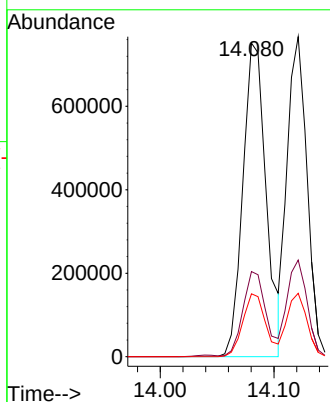
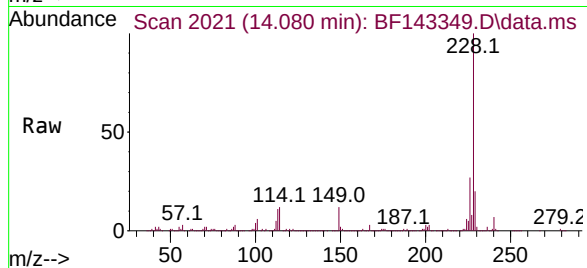




#81
Benzo(a)anthracene
Concen: 61.763 ng
RT: 14.080 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

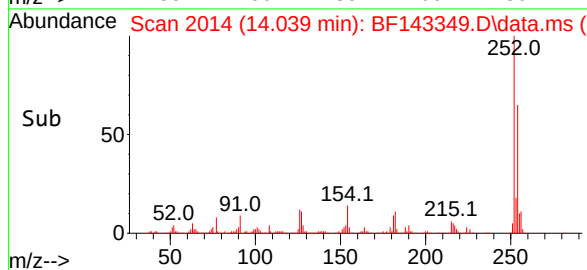
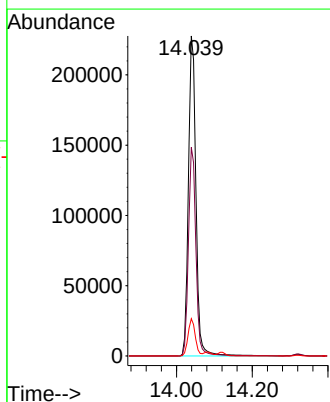
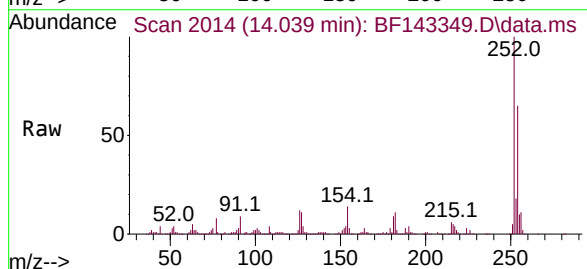
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

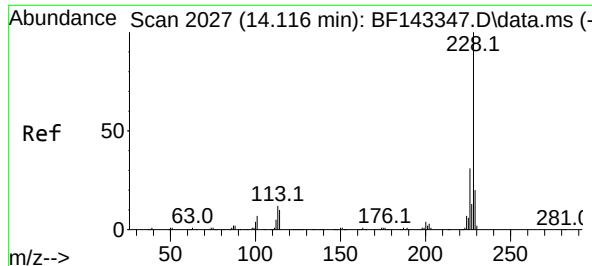
Tgt Ion:228 Resp: 1072649
Ion Ratio Lower Upper
228 100
226 27.2 22.0 33.0
229 20.1 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 66.762 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Tgt Ion:252 Resp: 313084
Ion Ratio Lower Upper
252 100
254 65.2 51.7 77.5
126 11.7 9.2 13.8





#83

Chrysene

Concen: 57.863 ng

RT: 14.121 min Scan# 2019

Delta R.T. 0.006 min

Lab File: BF143349.D

Acq: 12 Aug 2025 12:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

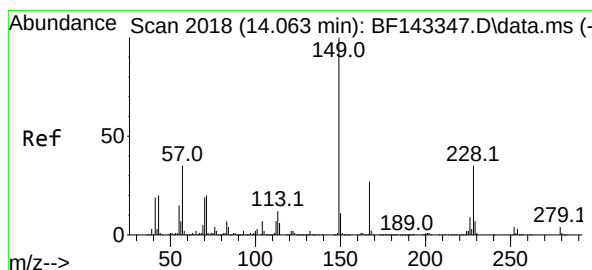
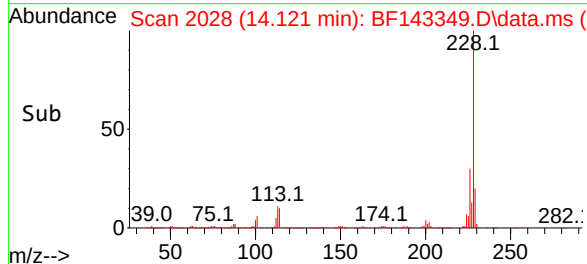
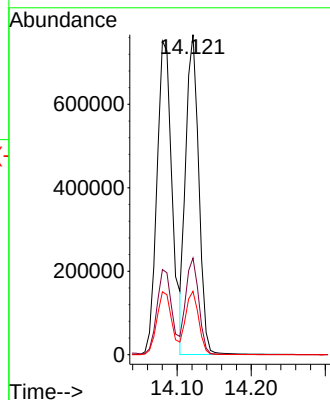
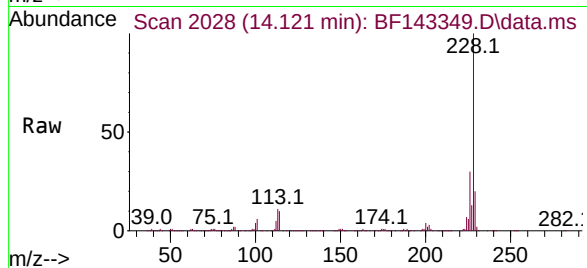
Tgt Ion:228 Resp: 937047

Ion Ratio Lower Upper

228 100

226 30.2 24.2 36.2

229 19.8 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 62.688 ng

RT: 14.068 min Scan# 2019

Delta R.T. 0.005 min

Lab File: BF143349.D

Acq: 12 Aug 2025 12:07

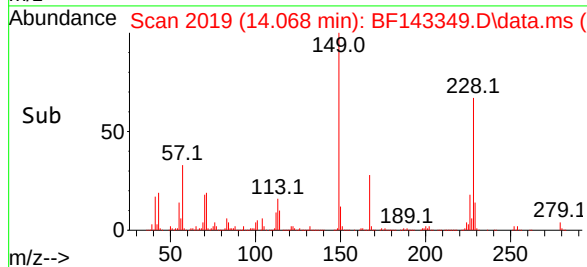
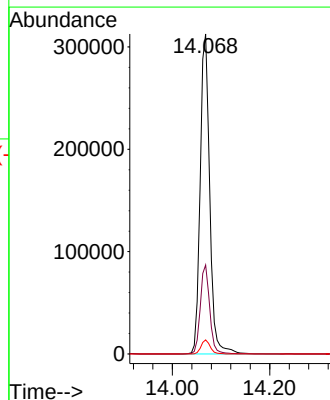
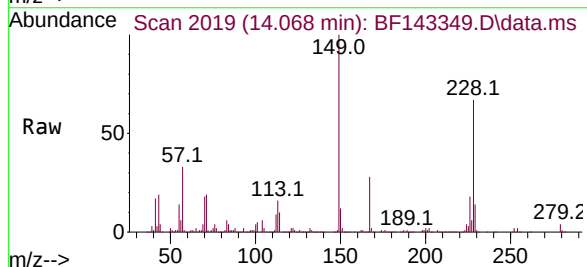
Tgt Ion:149 Resp: 426553

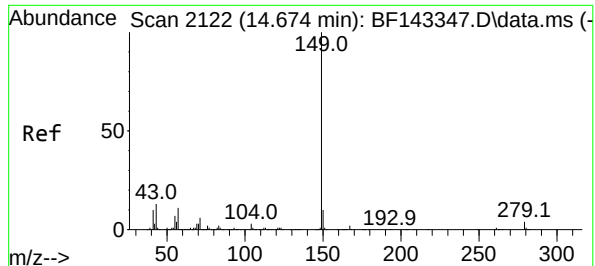
Ion Ratio Lower Upper

149 100

167 27.8 21.4 32.0

279 4.4 3.2 4.8

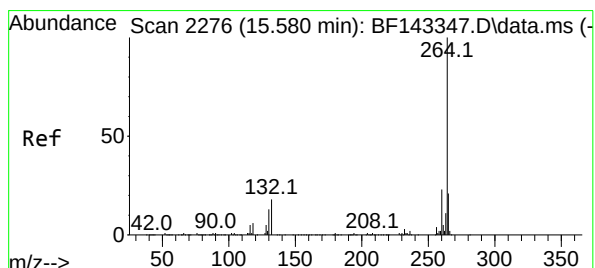
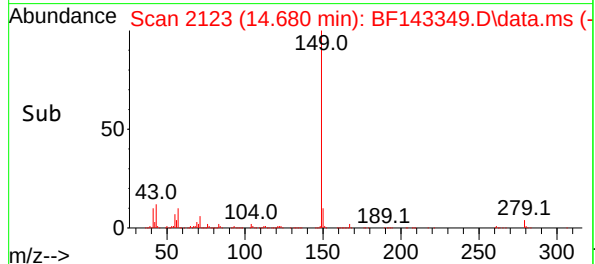
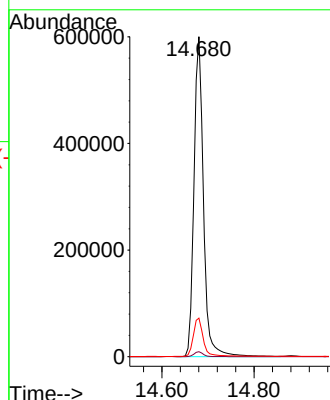
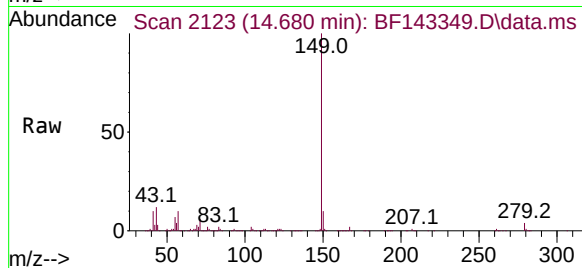




#85
Di-n-octyl phthalate
Concen: 62.516 ng
RT: 14.680 min Scan# 2122
Delta R.T. 0.006 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

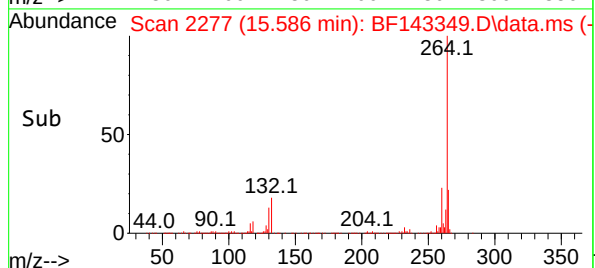
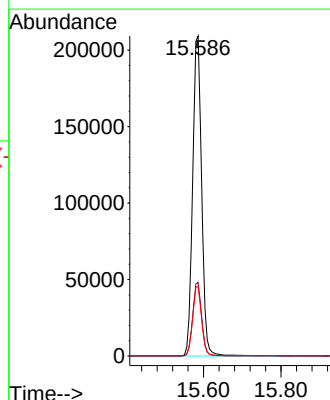
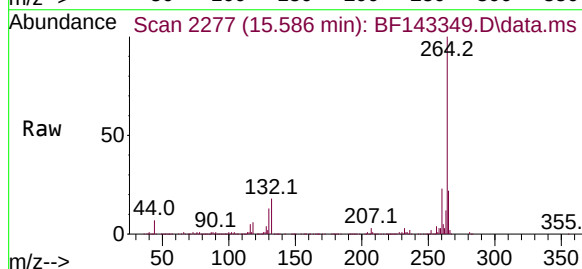
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

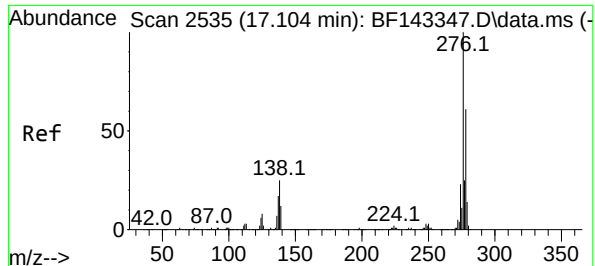
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	12.9	10.8	16.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.586 min Scan# 2277
Delta R.T. 0.006 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	21.7	17.2	25.8

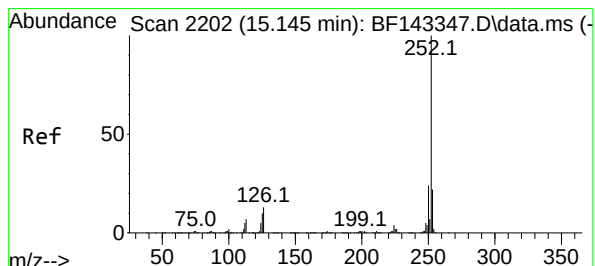
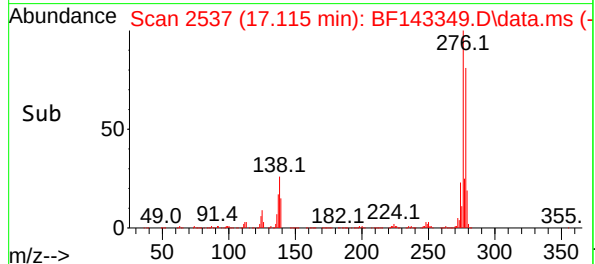
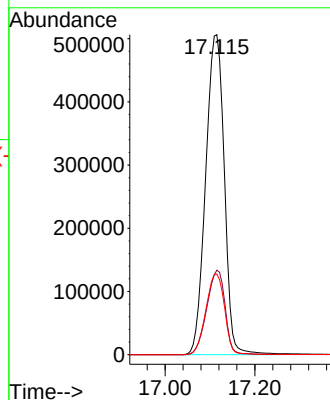
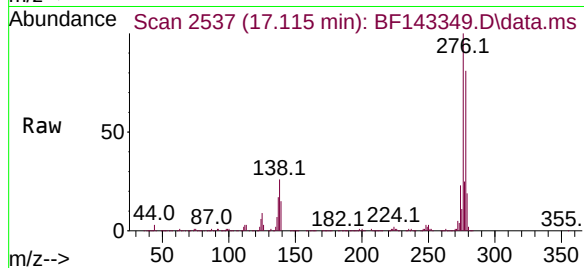




#87
Indeno(1,2,3-cd)pyrene
Concen: 60.440 ng
RT: 17.115 min Scan# 2537
Delta R.T. 0.012 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

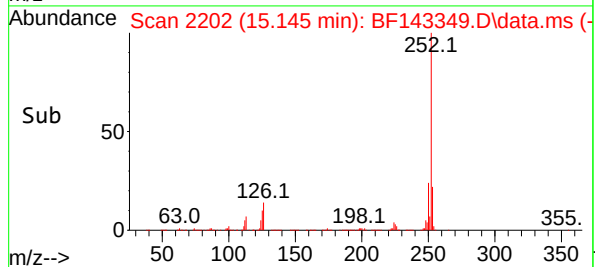
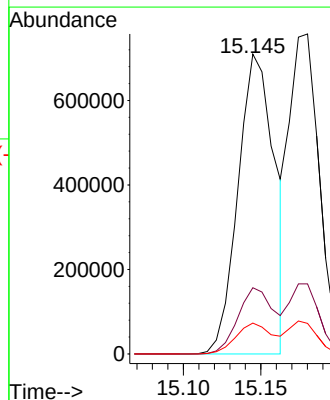
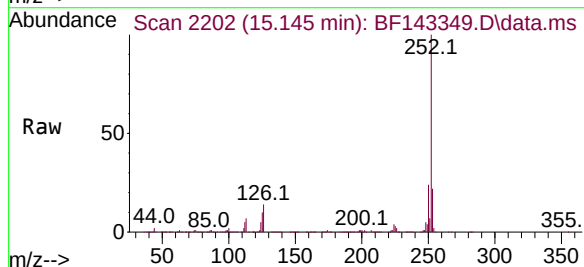
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

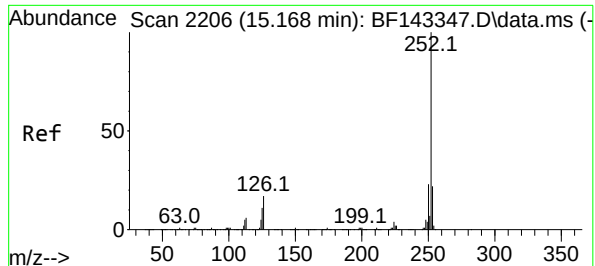
Tgt Ion:276 Resp: 1462168
Ion Ratio Lower Upper
276 100
138 26.0 21.1 31.7
277 25.2 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 62.905 ng
RT: 15.145 min Scan# 2202
Delta R.T. -0.000 min
Lab File: BF143349.D
Acq: 12 Aug 2025 12:07

Tgt Ion:252 Resp: 1161807
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 10.3 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 57.673 ng

RT: 15.180 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF143349.D

Acq: 12 Aug 2025 12:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

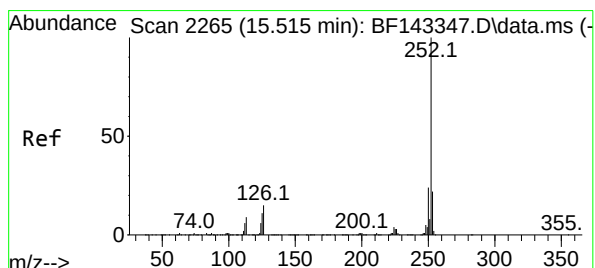
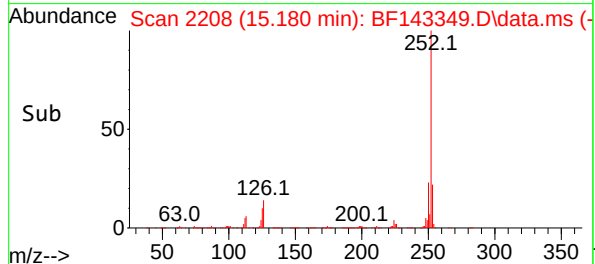
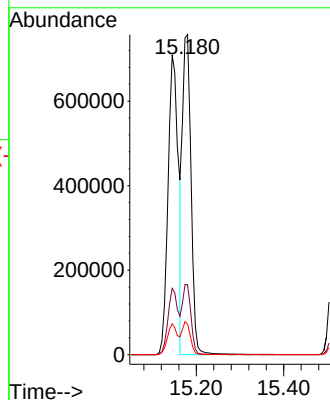
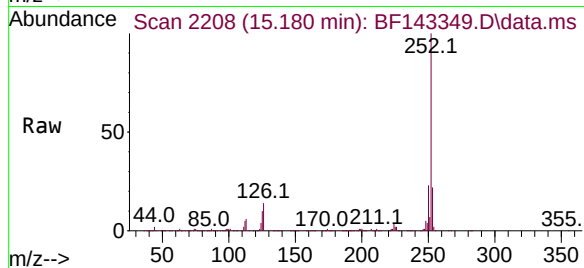
Tgt Ion:252 Resp: 1035022

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 9.5 8.4 12.6



#90

Benzo(a)pyrene

Concen: 60.510 ng

RT: 15.521 min Scan# 2266

Delta R.T. 0.006 min

Lab File: BF143349.D

Acq: 12 Aug 2025 12:07

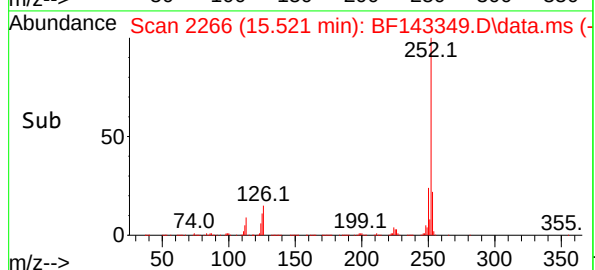
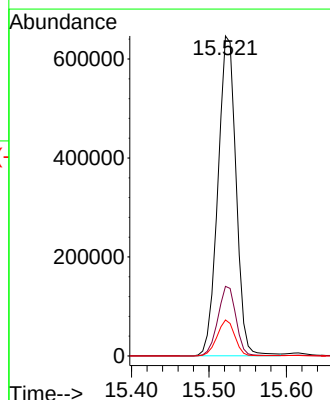
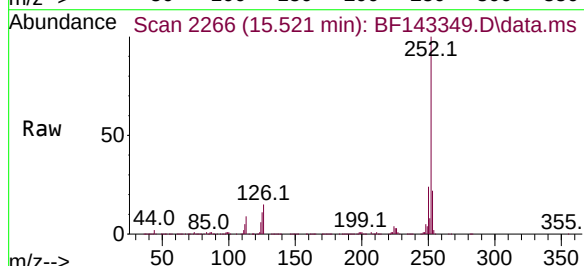
Tgt Ion:252 Resp: 1052580

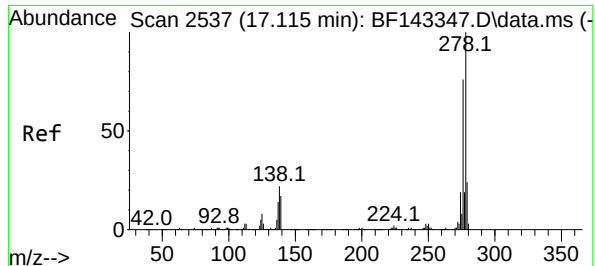
Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 11.3 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 60.556 ng

RT: 17.127 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF143349.D

Acq: 12 Aug 2025 12:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

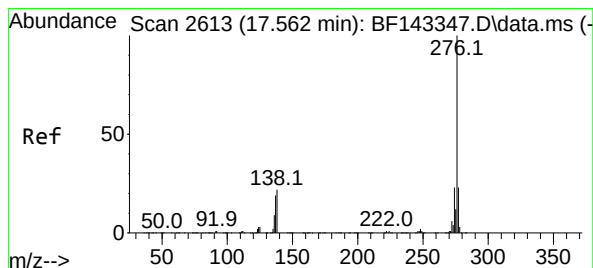
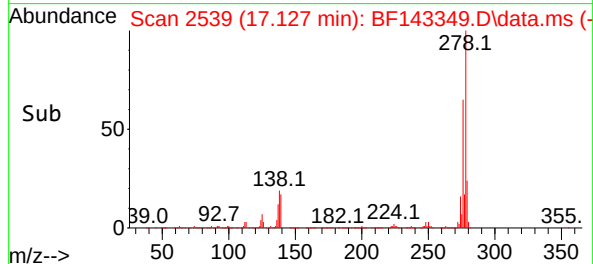
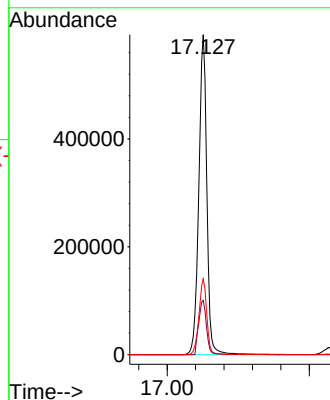
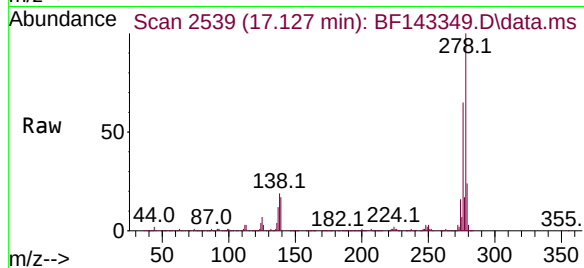
Tgt Ion:278 Resp: 1170363

Ion Ratio Lower Upper

278 100

139 16.9 14.0 21.0

279 23.7 19.4 29.0



#92

Benzo(g,h,i)perylene

Concen: 60.761 ng

RT: 17.574 min Scan# 2615

Delta R.T. 0.012 min

Lab File: BF143349.D

Acq: 12 Aug 2025 12:07

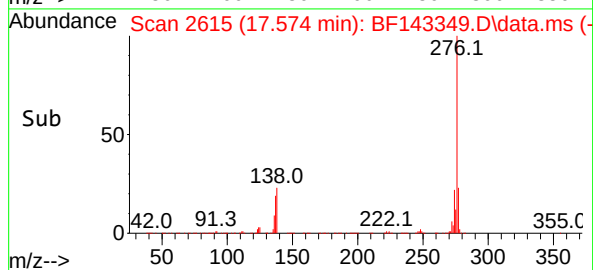
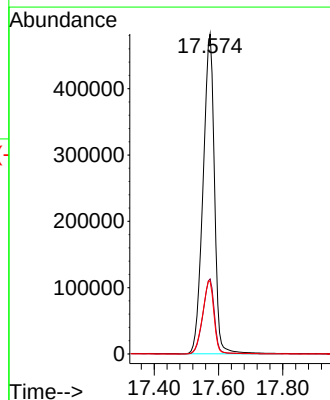
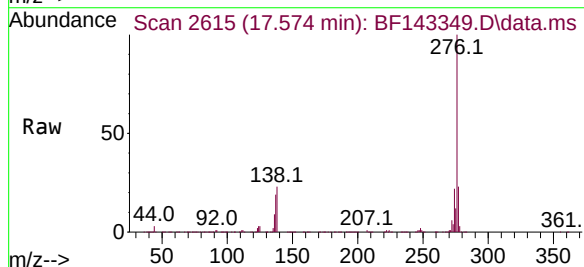
Tgt Ion:276 Resp: 1182985

Ion Ratio Lower Upper

276 100

277 23.5 18.7 28.1

138 22.7 17.8 26.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
 Data File : BF143350.D
 Acq On : 12 Aug 2025 12:38
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Quant Time: Aug 12 13:21:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 12 13:02:27 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	161665	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	625065	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	322984	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	448378	20.000	ng	0.00
76) Chrysene-d12	14.098	240	287871	20.000	ng	0.00
86) Perylene-d12	15.586	264	348017	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	1409194	150.735	ng	0.00
7) Phenol-d6	6.569	99	1792088	149.482	ng	0.00
23) Nitrobenzene-d5	7.498	82	1619091	161.306	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	411864	174.486	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	2457872	129.045	ng	0.00
79) Terphenyl-d14	13.039	244	1935761	120.053	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.757	88	379076	78.360	ng 99
3) Pyridine	3.534	79	1042960	80.904	ng 98
4) n-Nitrosodimethylamine	3.493	42	494211	82.300	ng 99
6) Aniline	6.598	93	1263279	74.743	ng 95
8) 2-Chlorophenol	6.722	128	793255	79.409	ng 98
10) Phenol	6.586	94	1037512	73.052	ng 76
11) bis(2-Chloroethyl)ether	6.669	93	798392	76.275	ng 100
12) 1,3-Dichlorobenzene	6.875	146	830769	72.101	ng 98
13) 1,4-Dichlorobenzene	6.951	146	837059	72.382	ng 99
14) 1,2-Dichlorobenzene	7.104	146	806180	73.439	ng 100
15) Benzyl Alcohol	7.075	79	697448	81.158	ng 99
16) 2,2'-oxybis(1-Chloropr...	7.204	45	1335184	71.450	ng 98
17) 2-Methylphenol	7.186	107	654221	77.585	ng 98
18) Hexachloroethane	7.445	117	286839	79.115	ng 99
19) n-Nitroso-di-n-propyla...	7.351	70	541387	73.083	ng 98
20) 3+4-Methylphenols	7.339	107	727332	71.322	ng 93
22) Acetophenone	7.345	105	952975	69.195	ng 97
24) Nitrobenzene	7.516	77	868093	79.634	ng 99
25) Isophorone	7.757	82	1574935	76.861	ng 99
26) 2-Nitrophenol	7.828	139	376225	83.229	ng 99
27) 2,4-Dimethylphenol	7.869	122	667248	78.052	ng 99
28) bis(2-Chloroethoxy)met...	7.957	93	921854	73.686	ng 99
29) 2,4-Dichlorophenol	8.075	162	654545	78.392	ng 99
30) 1,2,4-Trichlorobenzene	8.157	180	649172	73.707	ng 99
31) Naphthalene	8.239	128	2098892	69.783	ng 99
32) Benzoic acid	8.004	122	354618	78.960	ng 99
33) 4-Chloroaniline	8.280	127	816103	75.228	ng 99
34) Hexachlorobutadiene	8.357	225	403199	73.592	ng 100
35) Caprolactam	8.669	113	197571	84.172	ng 97
36) 4-Chloro-3-methylphenol	8.769	107	674001	77.000	ng 98
37) 2-Methylnaphthalene	8.927	142	1370352	69.303	ng 99
38) 1-Methylnaphthalene	9.027	142	1328881	69.780	ng 100
40) 1,2,4,5-Tetrachloroben...	9.098	216	644623	72.936	ng 100
41) Hexachlorocyclopentadiene	9.086	237	259048	82.835	ng 99
43) 2,4,6-Trichlorophenol	9.204	196	437022	87.149	ng 100
44) 2,4,5-Trichlorophenol	9.251	196	466807	82.433	ng 99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
 Data File : BF143350.D
 Acq On : 12 Aug 2025 12:38
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

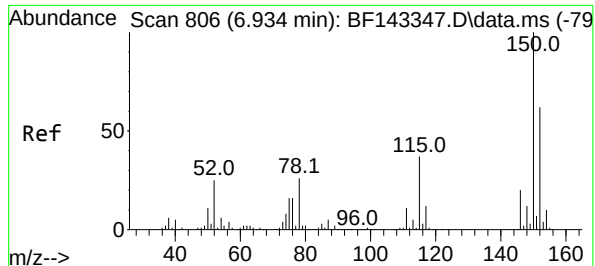
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 12 13:02:27 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.392	154	1580379	69.203	ng	99
47) 2-Chloronaphthalene	9.416	162	1295723	72.042	ng	99
48) 2-Nitroaniline	9.510	65	426490	80.247	ng	98
49) Acenaphthylene	9.833	152	1865988	71.842	ng	100
50) Dimethylphthalate	9.686	163	1425124	75.513	ng	100
51) 2,6-Dinitrotoluene	9.751	165	294018	80.211	ng	95
52) Acenaphthene	10.004	154	1221046	70.714	ng	99
53) 3-Nitroaniline	9.922	138	343541	88.887	ng	98
54) 2,4-Dinitrophenol	10.027	184	118753	79.041	ng	# 84
55) Dibenzofuran	10.174	168	1738835	69.969	ng	98
56) 4-Nitrophenol	10.080	139	245374	79.477	ng	97
57) 2,4-Dinitrotoluene	10.151	165	383533	78.864	ng	97
58) Fluorene	10.522	166	1273759	67.103	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.292	232	349157	91.466	ng	98
60) Diethylphthalate	10.386	149	1258798	74.465	ng	99
61) 4-Chlorophenyl-phenyle...	10.510	204	643793	70.191	ng	98
62) 4-Nitroaniline	10.533	138	312667	83.616	ng	98
63) Azobenzene	10.669	77	1376109	71.269	ng	98
65) 4,6-Dinitro-2-methylph...	10.569	198	162929	83.490	ng	93
66) n-Nitrosodiphenylamine	10.627	169	1124872	76.190	ng	100
67) 4-Bromophenyl-phenylether	10.998	248	405148	79.007	ng	97
68) Hexachlorobenzene	11.074	284	431148	78.001	ng	96
69) Atrazine	11.151	200	309748	80.438	ng	99
70) Pentachlorophenol	11.263	266	218250	80.616	ng	97
71) Phenanthrene	11.480	178	1745493	71.351	ng	99
72) Anthracene	11.533	178	1758274	70.871	ng	100
73) Carbazole	11.686	167	1479652	70.029	ng	99
74) Di-n-butylphthalate	12.010	149	1398975	78.244	ng	100
75) Fluoranthene	12.668	202	1470742	68.634	ng	99
77) Benzidine	12.786	184	500314	63.571	ng	98
78) Pyrene	12.898	202	1513789	62.684	ng	99
80) Butylbenzylphthalate	13.510	149	413801	84.007	ng	98
81) Benzo(a)anthracene	14.086	228	1387766	75.847	ng	100
82) 3,3'-Dichlorobenzidine	14.045	252	412736	83.540	ng	99
83) Chrysene	14.121	228	1263816	74.077	ng	98
84) Bis(2-ethylhexyl)phtha...	14.068	149	611031	83.803	ng	98
85) Di-n-octyl phthalate	14.680	149	1205873	81.478	ng	98
87) Indeno(1,2,3-cd)pyrene	17.121	276	1963736	78.760	ng	99
88) Benzo(b)fluoranthene	15.151	252	1467752	77.108	ng	99
89) Benzo(k)fluoranthene	15.180	252	1429731	77.299	ng	99
90) Benzo(a)pyrene	15.527	252	1403212	78.270	ng	99
91) Dibenzo(a,h)anthracene	17.133	278	1523387	76.479	ng	99
92) Benzo(g,h,i)perylene	17.580	276	1563773	77.932	ng	99

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

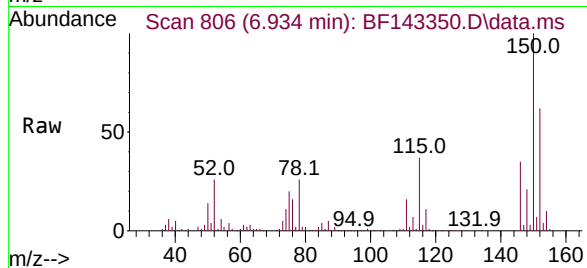
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BNA_F
ClientSampleId :
SSTDICC080

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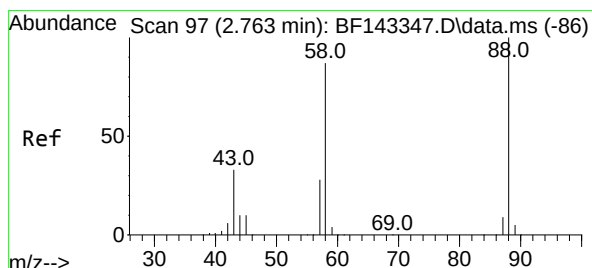
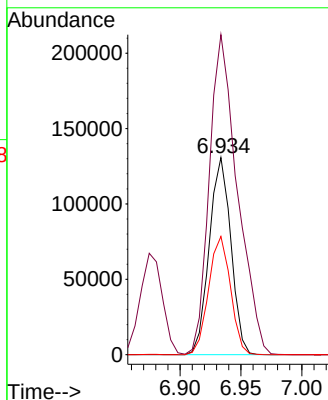
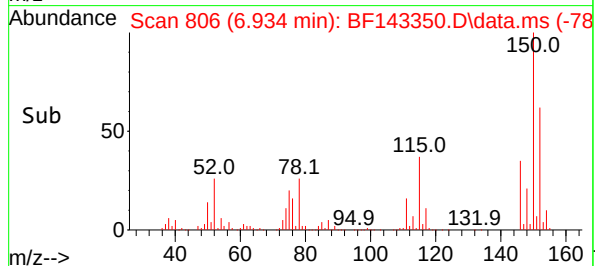


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.934 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

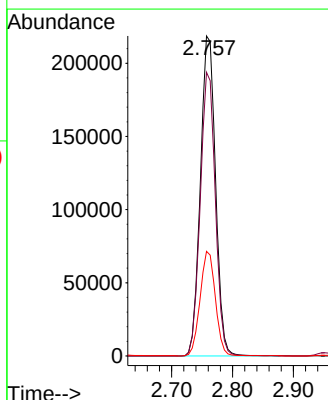
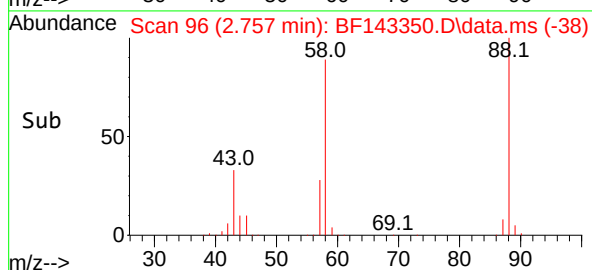
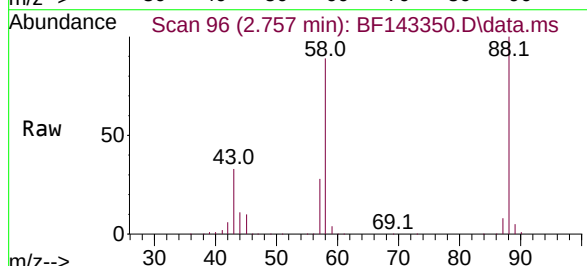


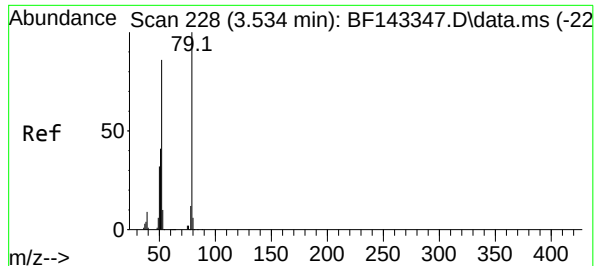
Tgt Ion:152 Resp: 161665
Ion Ratio Lower Upper
152 100
150 162.4 129.8 194.8
115 60.0 47.8 71.8



#2
1,4-Dioxane
Concen: 78.360 ng
RT: 2.757 min Scan# 96
Delta R.T. -0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion: 88 Resp: 379076
Ion Ratio Lower Upper
88 100
58 88.3 71.0 106.6
43 33.1 27.0 40.6





#3

Pyridine

Concen: 80.904 ng

RT: 3.534 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF143350.D

Acq: 12 Aug 2025 12:38

Instrument :

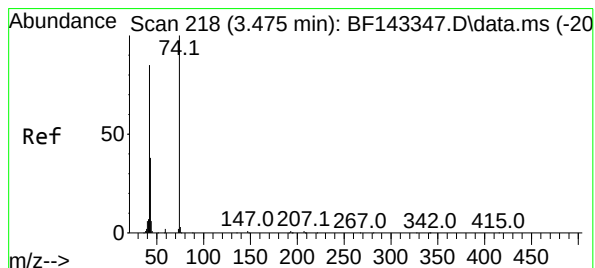
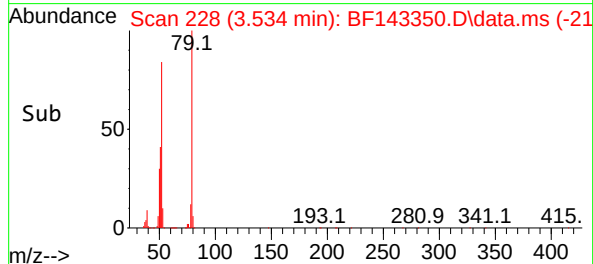
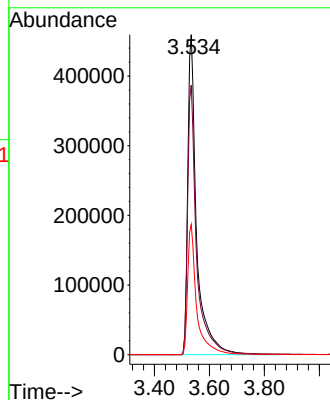
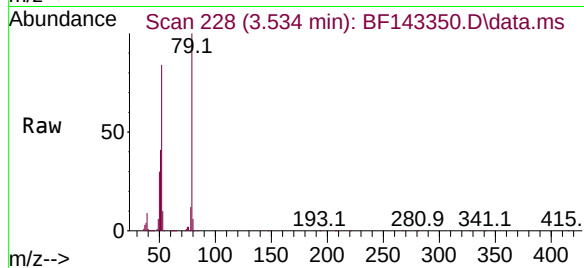
BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 79 Resp: 1042960

Ion	Ratio	Lower	Upper
79	100		
52	84.2	68.7	103.1
51	40.7	33.4	50.0



#4

n-Nitrosodimethylamine

Concen: 82.300 ng

RT: 3.493 min Scan# 221

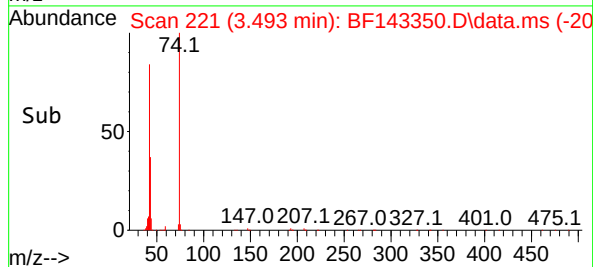
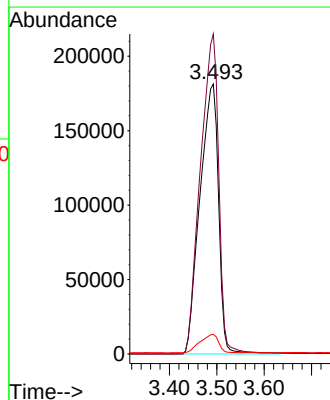
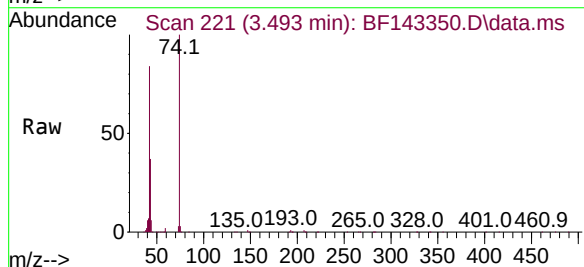
Delta R.T. 0.017 min

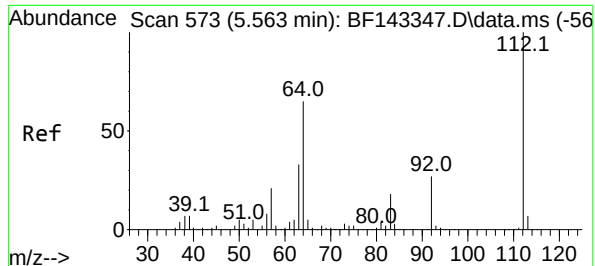
Lab File: BF143350.D

Acq: 12 Aug 2025 12:38

Tgt Ion: 42 Resp: 494211

Ion	Ratio	Lower	Upper
42	100		
74	118.6	94.1	141.1
44	7.3	6.5	9.7

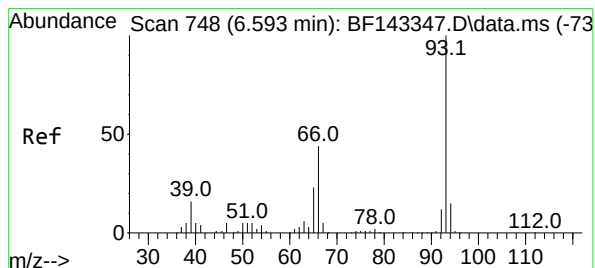
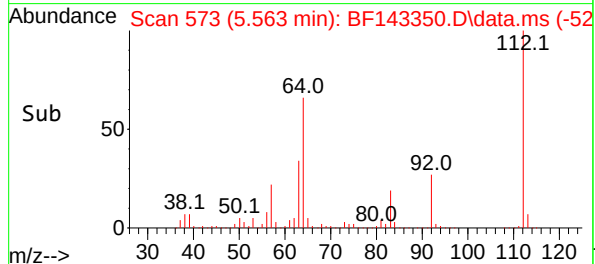
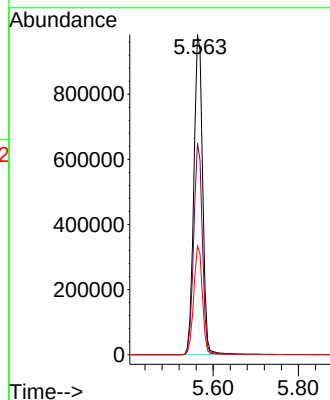
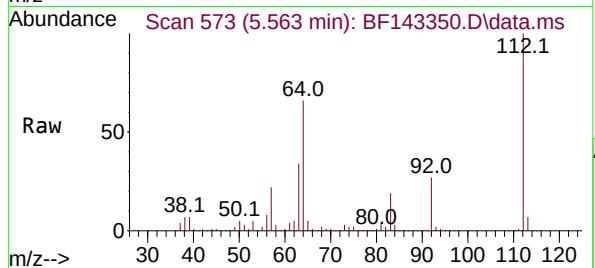




#5
2-Fluorophenol
Concen: 150.735 ng
RT: 5.563 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

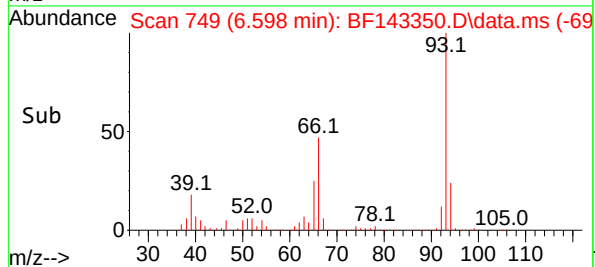
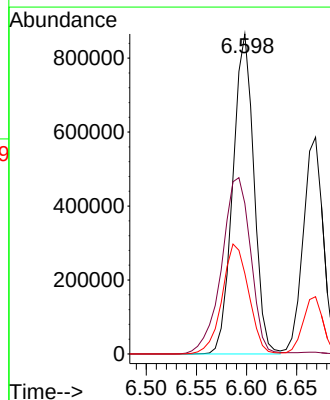
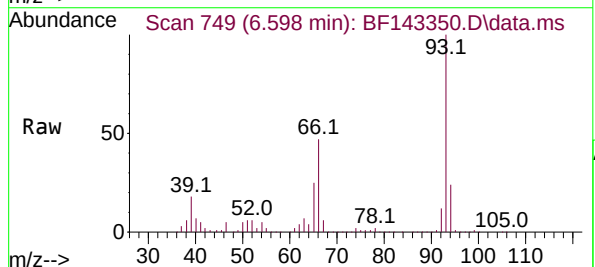
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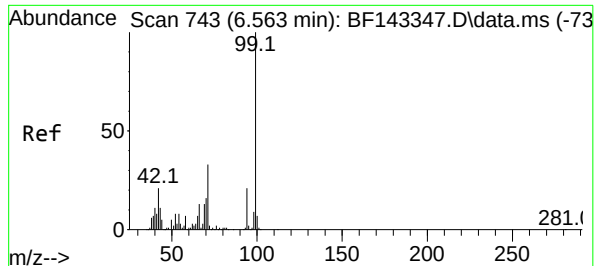
Tgt Ion:112 Resp: 1409194
Ion Ratio Lower Upper
112 100
64 66.1 52.1 78.1
63 34.0 26.6 39.8



#6
Aniline
Concen: 74.743 ng
RT: 6.598 min Scan# 749
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion: 93 Resp: 1263279
Ion Ratio Lower Upper
93 100
66 47.1 35.3 52.9
65 25.2 18.2 27.4

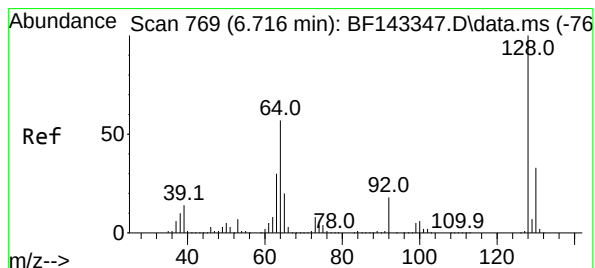
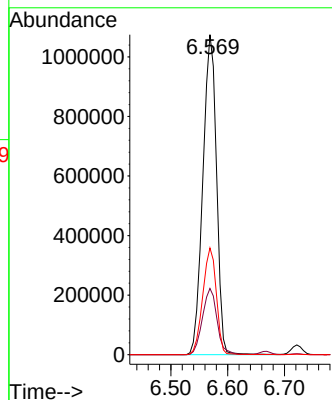
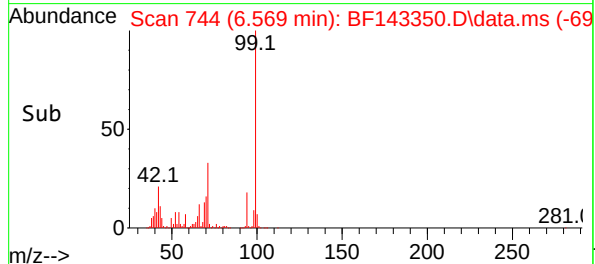
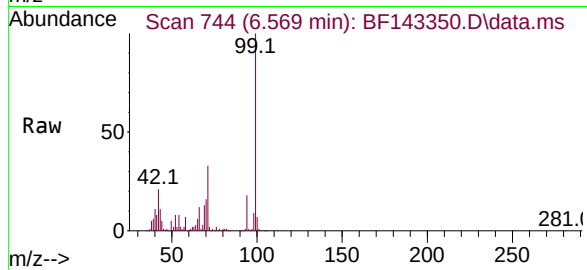




#7
Phenol-d6
Concen: 149.482 ng
RT: 6.569 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

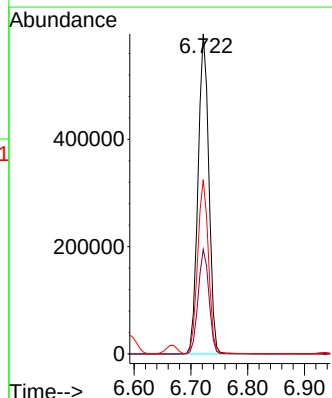
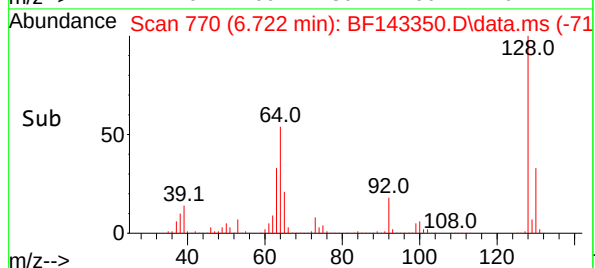
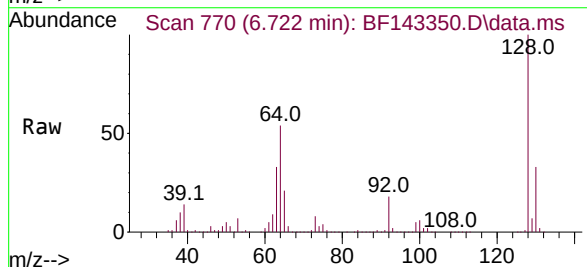
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ClientSampleId :
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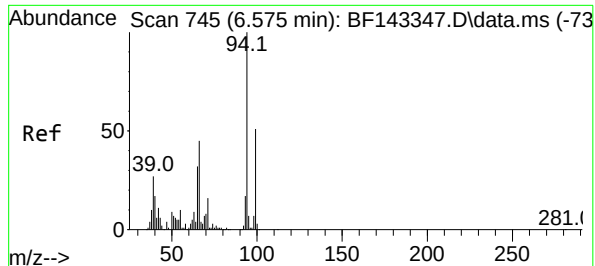
Tgt Ion: 99 Resp: 1792088
Ion Ratio Lower Upper
99 100
42 20.7 16.6 25.0
71 33.4 26.2 39.2



#8
2-Chlorophenol
Concen: 79.409 ng
RT: 6.722 min Scan# 770
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion: 128 Resp: 793255
Ion Ratio Lower Upper
128 100
130 32.7 12.6 52.6
64 54.5 36.7 76.7

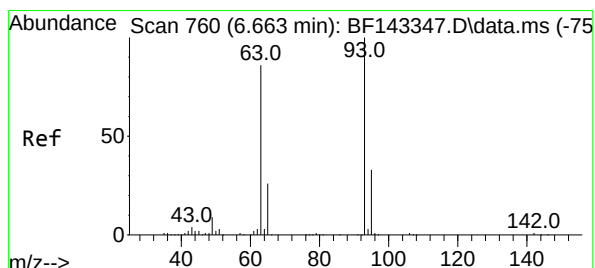
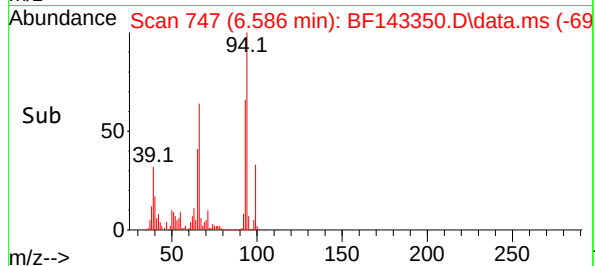
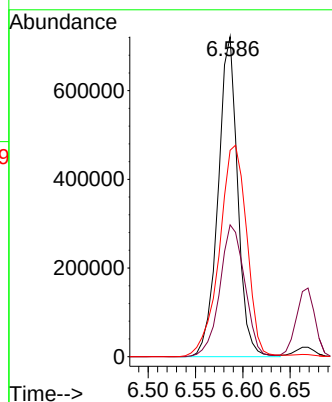
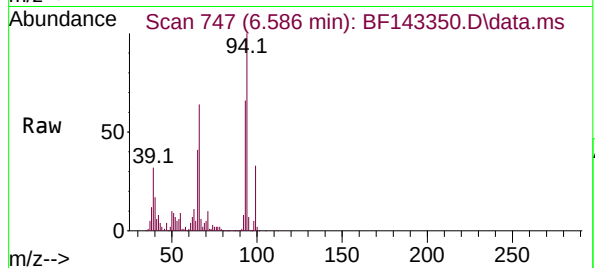




#10
Phenol
Concen: 73.052 ng
RT: 6.586 min Scan# 745
Delta R.T. 0.012 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

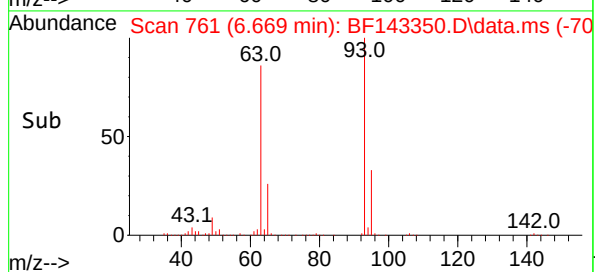
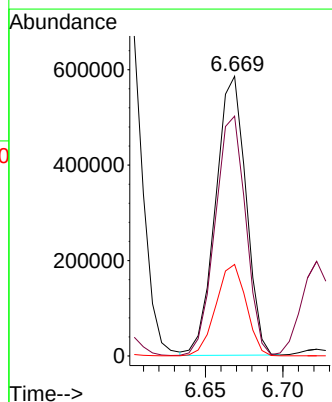
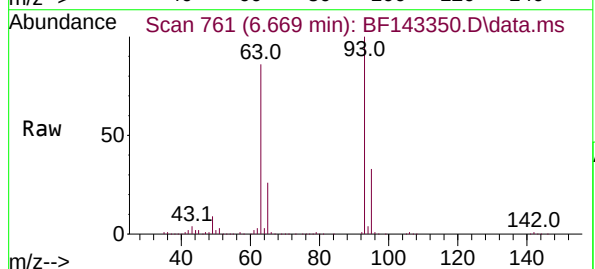
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

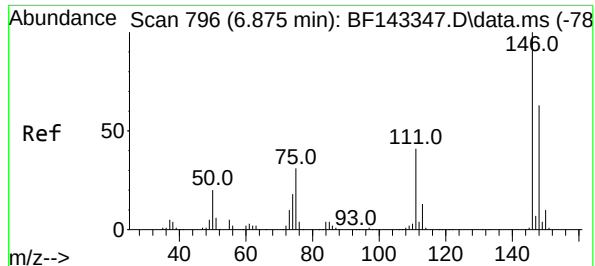
Tgt Ion: 94 Resp: 1037512
Ion Ratio Lower Upper
94 100
65 41.2 12.0 52.0
66 64.5 25.6 65.6



#11
bis(2-Chloroethyl)ether
Concen: 76.275 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion: 93 Resp: 798392
Ion Ratio Lower Upper
93 100
63 85.7 65.7 105.7
95 32.7 13.0 53.0





#12

1,3-Dichlorobenzene

Concen: 72.101 ng

RT: 6.875 min Scan# 796

Delta R.T. -0.000 min

Lab File: BF143350.D

Acq: 12 Aug 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

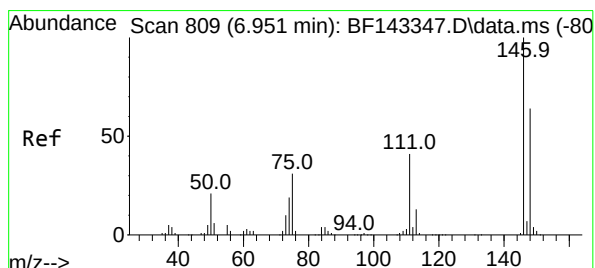
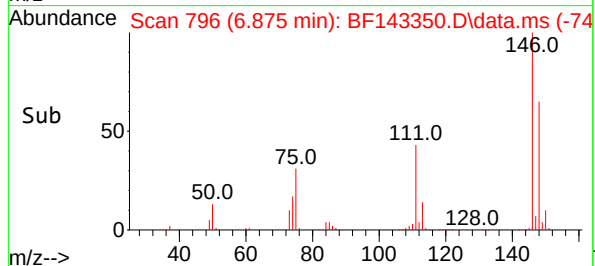
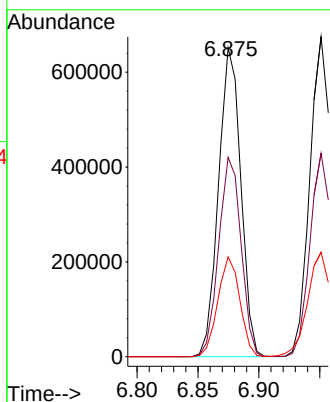
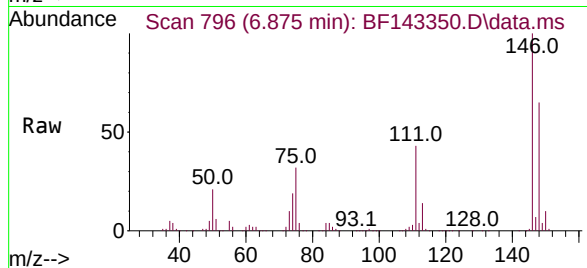
Tgt Ion:146 Resp: 830769

Ion Ratio Lower Upper

146 100

148 64.5 50.5 75.7

75 32.3 24.9 37.3



#13

1,4-Dichlorobenzene

Concen: 72.382 ng

RT: 6.951 min Scan# 809

Delta R.T. -0.000 min

Lab File: BF143350.D

Acq: 12 Aug 2025 12:38

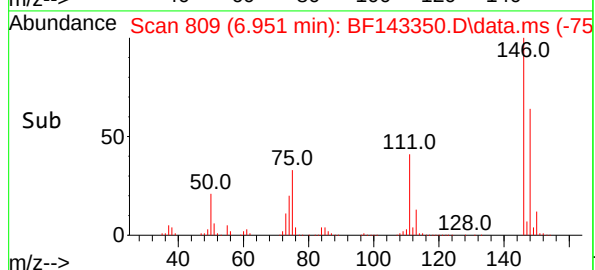
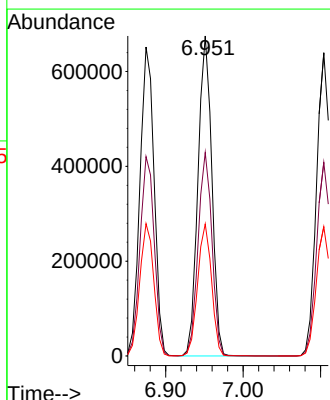
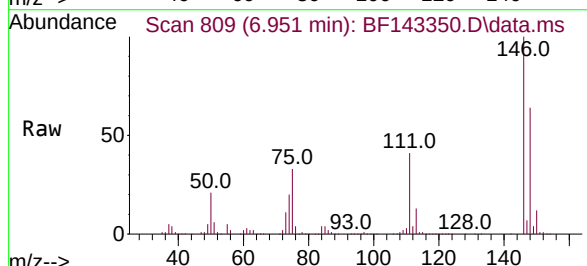
Tgt Ion:146 Resp: 837059

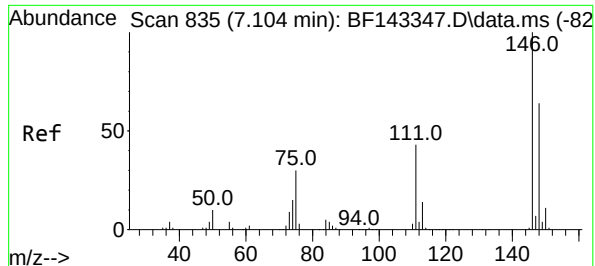
Ion Ratio Lower Upper

146 100

148 63.6 51.4 77.0

111 41.3 32.6 48.8





#14

1,2-Dichlorobenzene

Concen: 73.439 ng

RT: 7.104 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF143350.D

Acq: 12 Aug 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

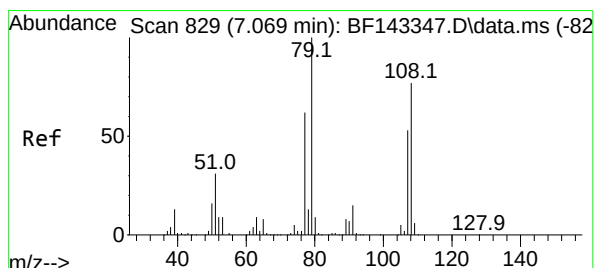
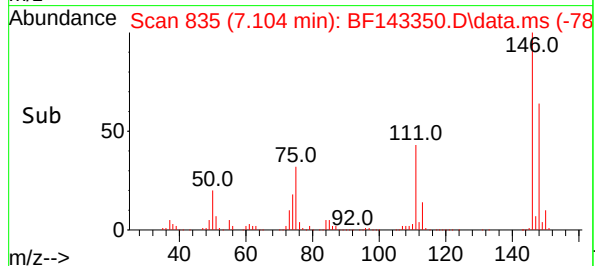
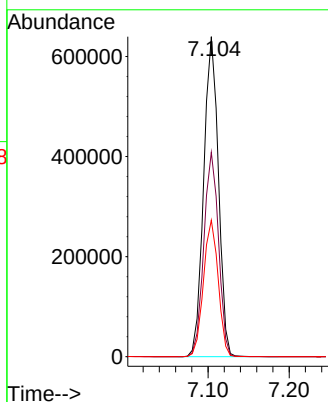
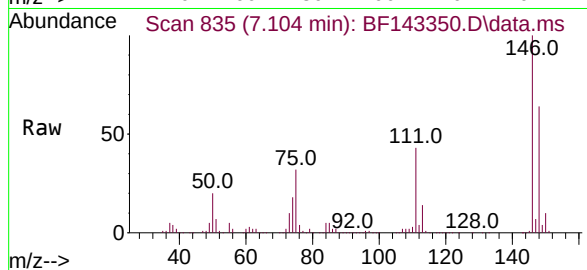
Tgt Ion:146 Resp: 806180

Ion Ratio Lower Upper

146 100

148 63.8 51.4 77.2

111 42.7 34.1 51.1



#15

Benzyl Alcohol

Concen: 81.158 ng

RT: 7.075 min Scan# 830

Delta R.T. 0.006 min

Lab File: BF143350.D

Acq: 12 Aug 2025 12:38

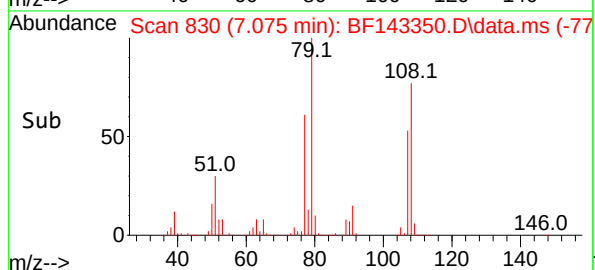
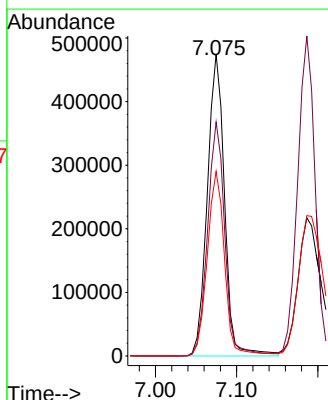
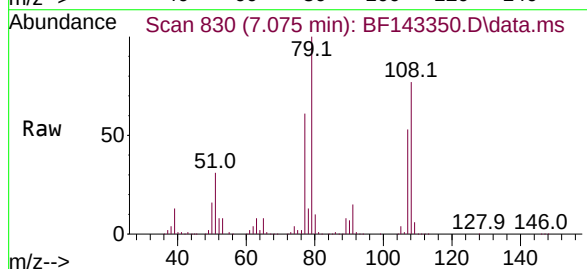
Tgt Ion: 79 Resp: 697448

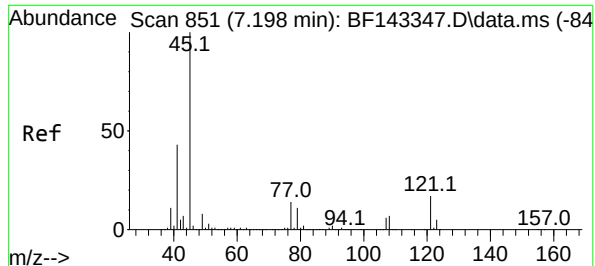
Ion Ratio Lower Upper

79 100

108 77.5 61.5 92.3

77 61.1 49.8 74.8

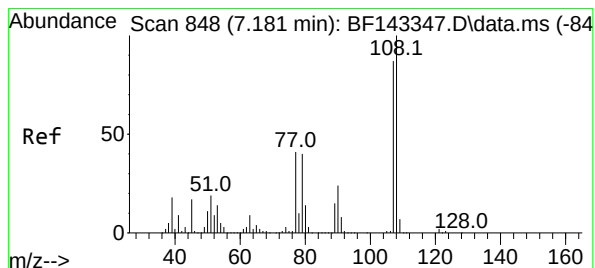
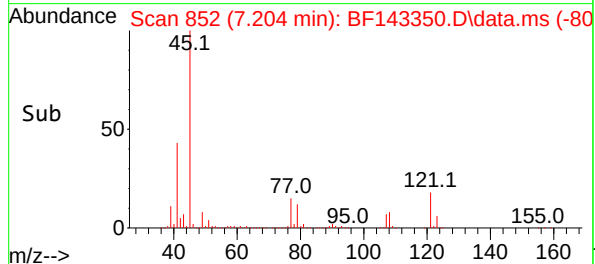
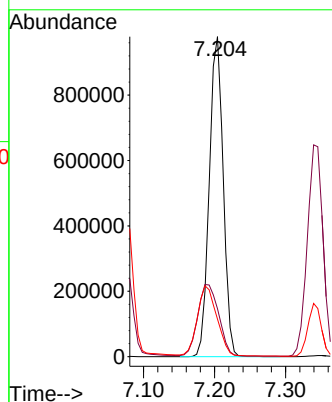
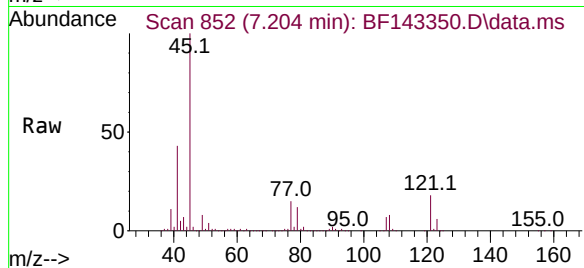




#16
2,2'-oxybis(1-Chloropropane)
Concen: 71.450 ng
RT: 7.204 min Scan# 851
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

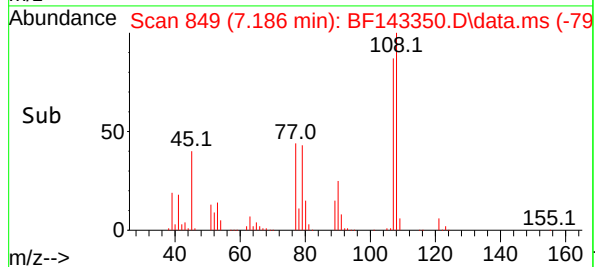
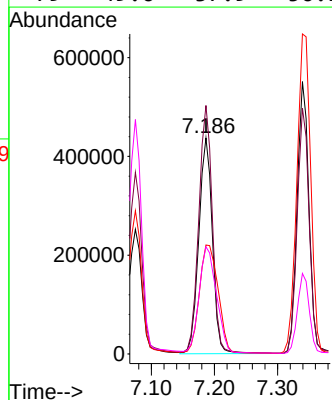
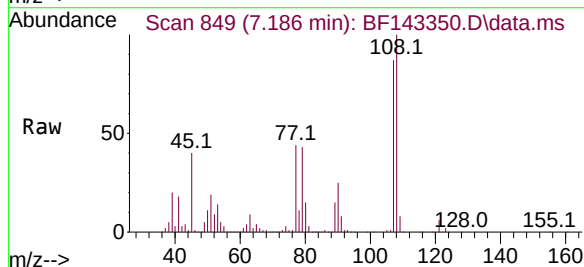
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

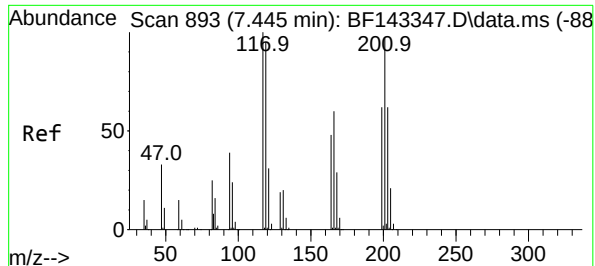
Tgt Ion: 45 Resp: 1335184
Ion Ratio Lower Upper
45 100
77 15.0 0.0 34.0
79 11.8 0.0 31.1



#17
2-Methylphenol
Concen: 77.585 ng
RT: 7.186 min Scan# 849
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

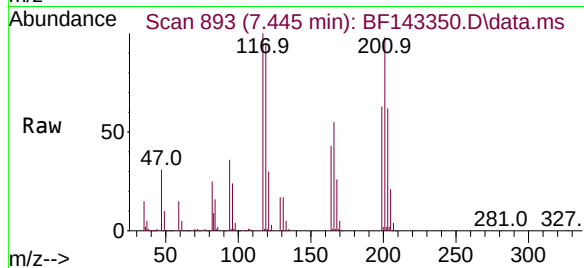
Tgt Ion: 107 Resp: 654221
Ion Ratio Lower Upper
107 100
108 115.0 92.0 138.0
77 50.5 38.2 57.2
79 49.6 37.9 56.9



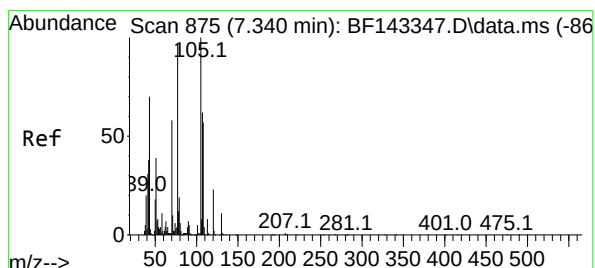
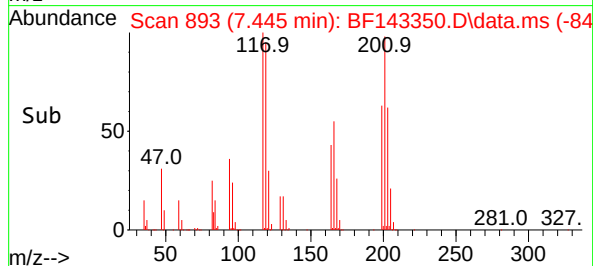
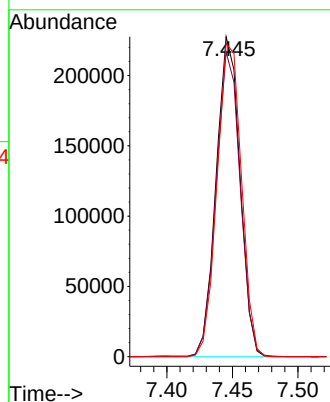


#18
Hexachloroethane
Concen: 79.115 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.000 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

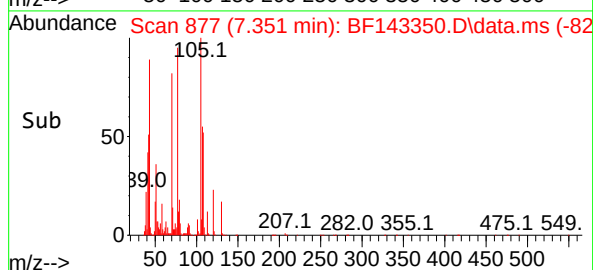
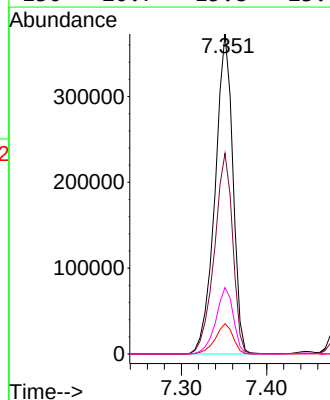
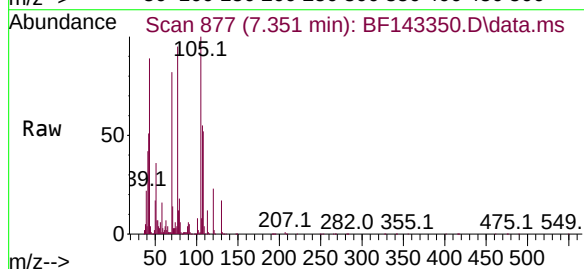


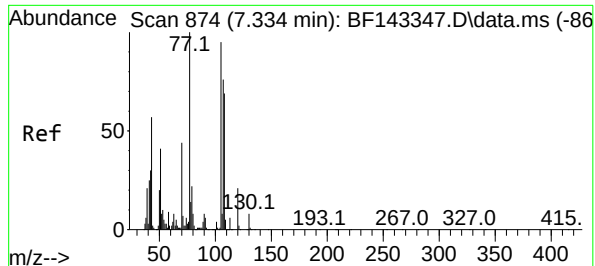
Tgt Ion:117 Resp: 286839
Ion Ratio Lower Upper
117 100
119 95.2 75.8 113.8
201 98.0 77.2 115.8



#19
n-Nitroso-di-n-propylamine
Concen: 73.083 ng
RT: 7.351 min Scan# 877
Delta R.T. 0.012 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion: 70 Resp: 541387
Ion Ratio Lower Upper
70 100
42 62.7 51.6 77.4
101 9.4 7.5 11.3
130 20.7 15.8 23.6





#20

3+4-Methylphenols

Concen: 71.322 ng

RT: 7.339 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF143350.D

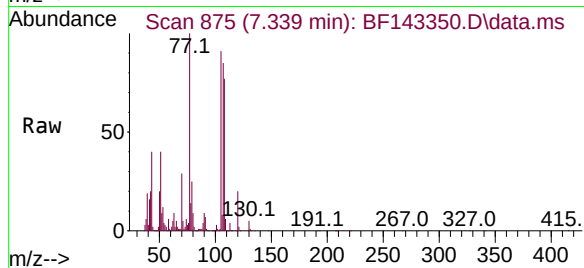
Acq: 12 Aug 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:107 Resp: 727332

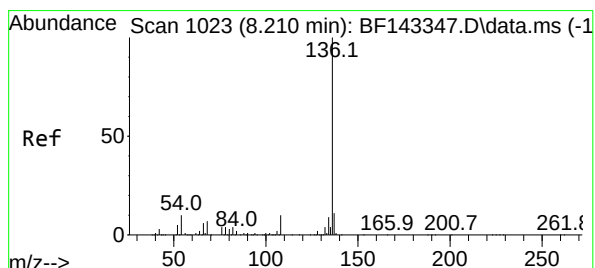
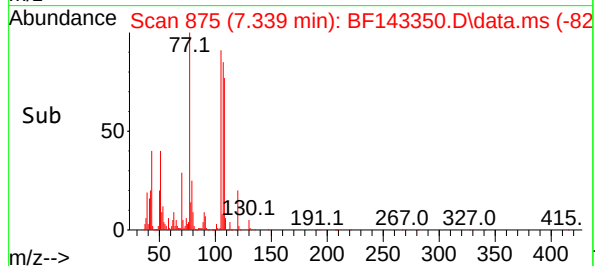
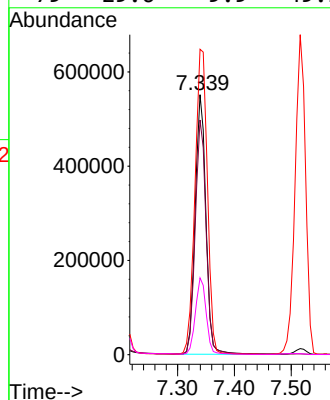
Ion Ratio Lower Upper

107 100

108 90.3 70.6 110.6

77 117.5 112.0 152.0

79 29.6 9.9 49.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.216 min Scan# 1024

Delta R.T. 0.006 min

Lab File: BF143350.D

Acq: 12 Aug 2025 12:38

Tgt Ion:136 Resp: 625065

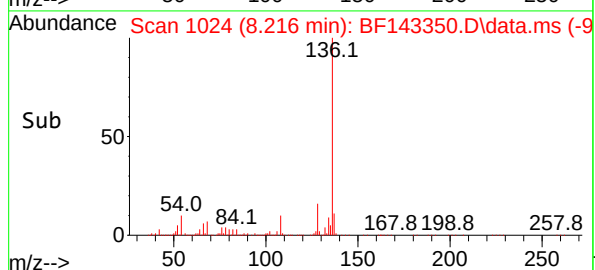
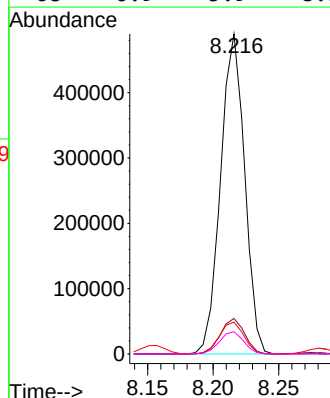
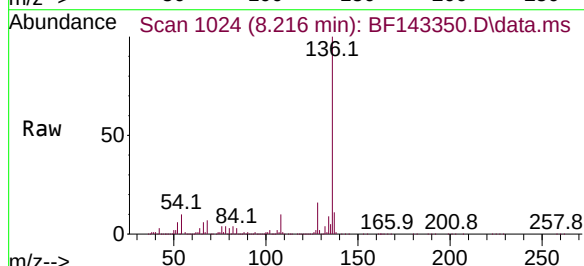
Ion Ratio Lower Upper

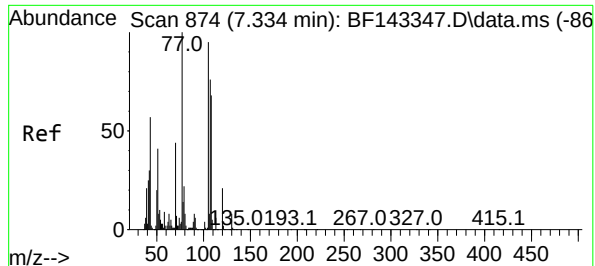
136 100

137 11.1 8.6 13.0

54 10.0 8.4 12.6

68 6.9 5.9 8.9





#22

Acetophenone

Concen: 69.195 ng

RT: 7.345 min Scan# 81

Delta R.T. 0.012 min

Lab File: BF143350.D

Acq: 12 Aug 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:105 Resp: 952975

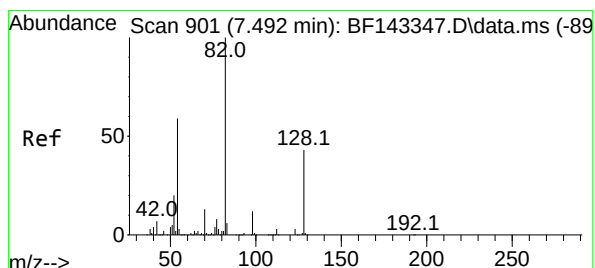
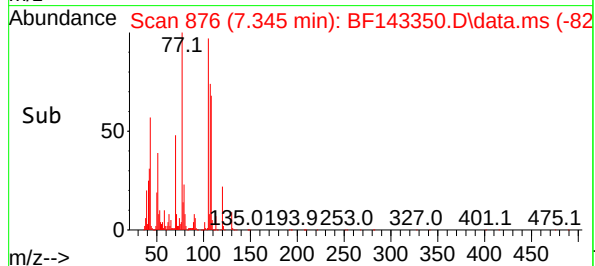
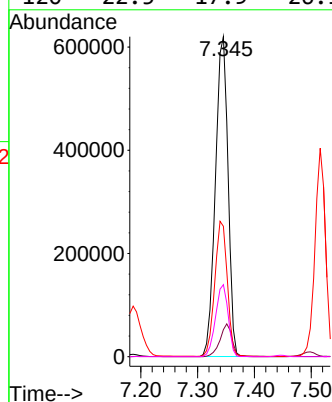
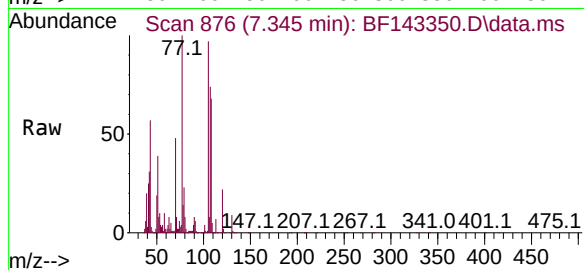
Ion Ratio Lower Upper

105 100

71 8.4 6.2 9.4

51 40.7 34.8 52.2

120 22.5 17.9 26.9



#23

Nitrobenzene-d5

Concen: 161.306 ng

RT: 7.498 min Scan# 902

Delta R.T. 0.006 min

Lab File: BF143350.D

Acq: 12 Aug 2025 12:38

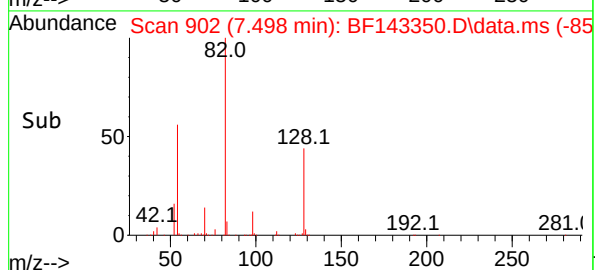
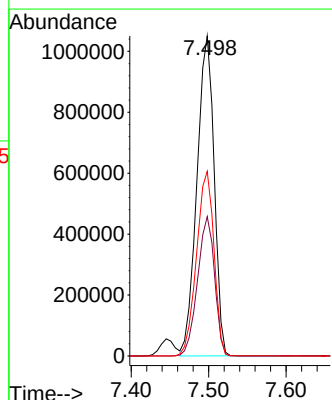
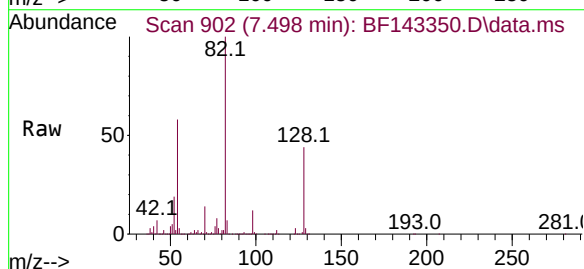
Tgt Ion: 82 Resp: 1619091

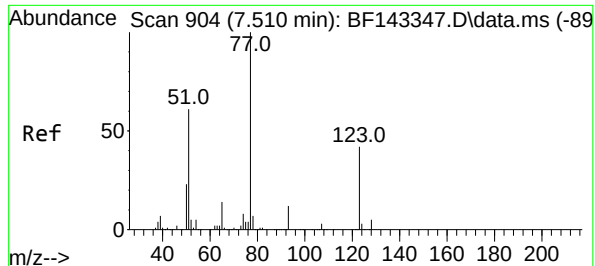
Ion Ratio Lower Upper

82 100

128 43.6 33.5 50.3

54 57.7 46.7 70.1

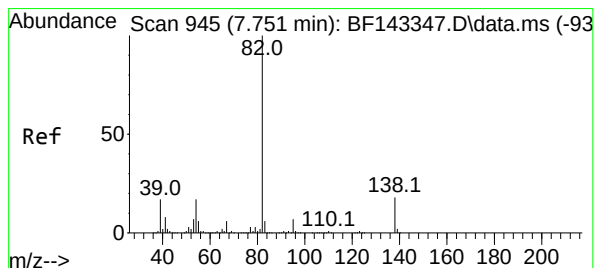
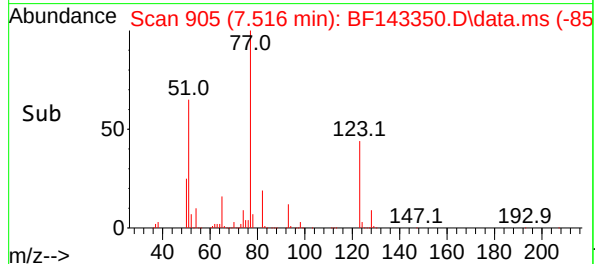
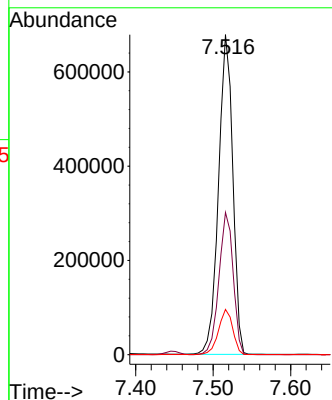
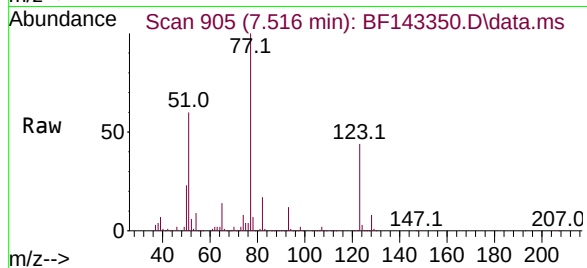




#24
Nitrobenzene
Concen: 79.634 ng
RT: 7.516 min Scan# 905
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

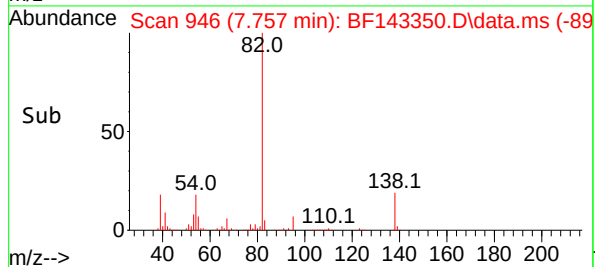
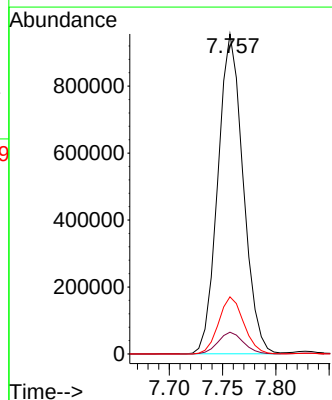
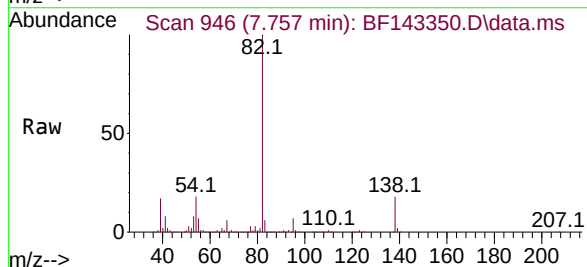
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

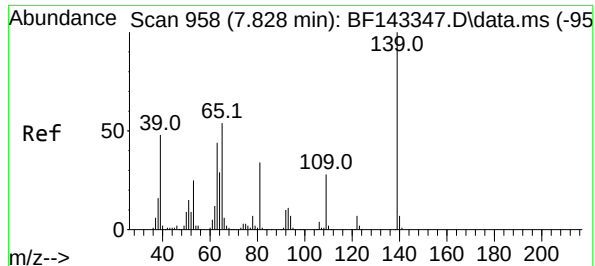
Tgt Ion: 77 Resp: 868093
Ion Ratio Lower Upper
77 100
123 44.4 34.8 52.2
65 14.1 11.0 16.6



#25
Isophorone
Concen: 76.861 ng
RT: 7.757 min Scan# 946
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion: 82 Resp: 1574935
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 17.8 14.6 21.8

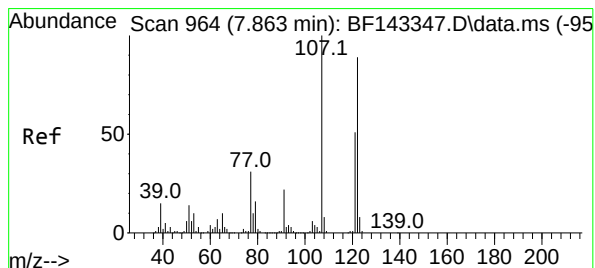
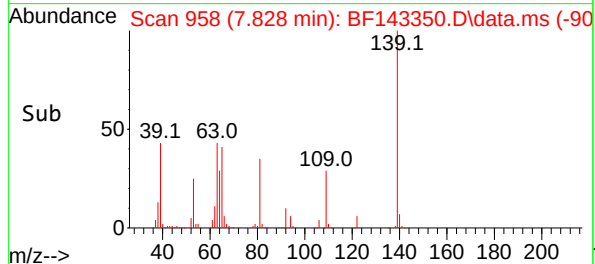
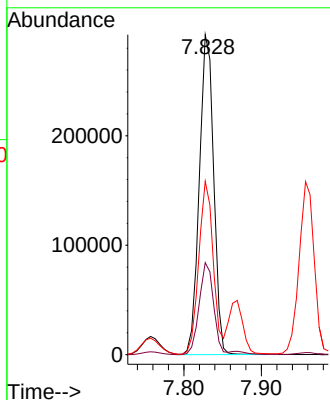
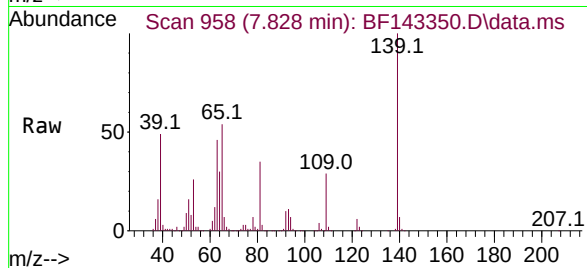




#26
2-Nitrophenol
Concen: 83.229 ng
RT: 7.828 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

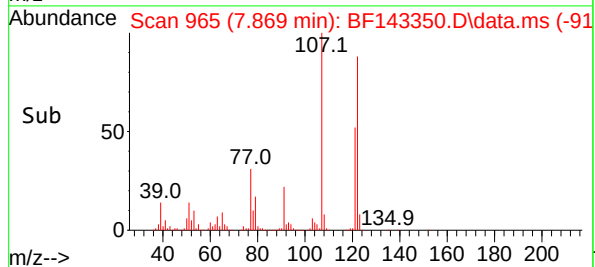
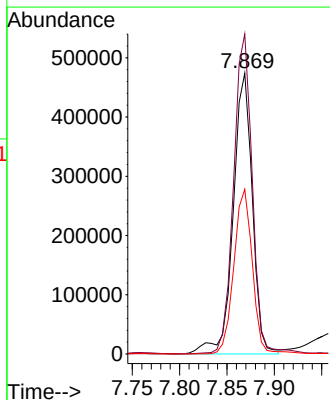
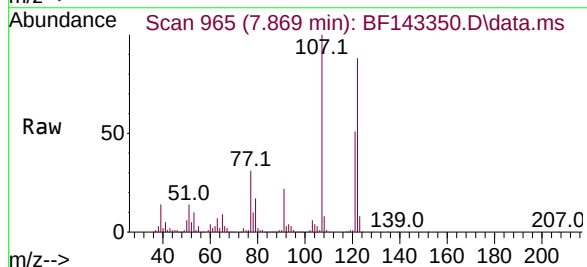
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

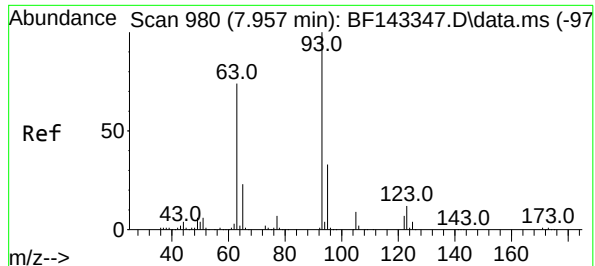
Tgt Ion:139 Resp: 376225
Ion Ratio Lower Upper
139 100
109 28.8 22.4 33.6
65 54.2 42.9 64.3



#27
2,4-Dimethylphenol
Concen: 78.052 ng
RT: 7.869 min Scan# 965
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:122 Resp: 667248
Ion Ratio Lower Upper
122 100
107 114.0 89.9 134.9
121 58.7 46.2 69.4





#28

bis(2-Chloroethoxy)methane

Concen: 73.686 ng

RT: 7.957 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF143350.D

Acq: 12 Aug 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

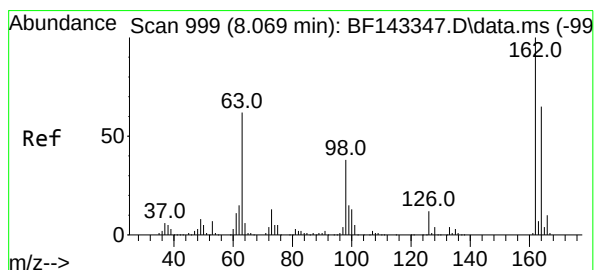
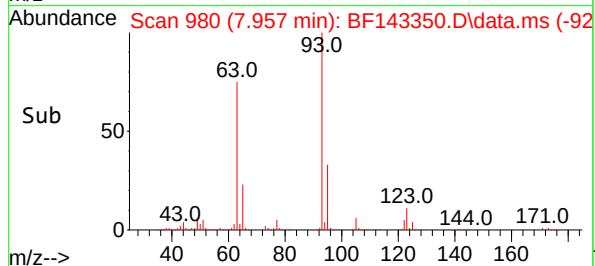
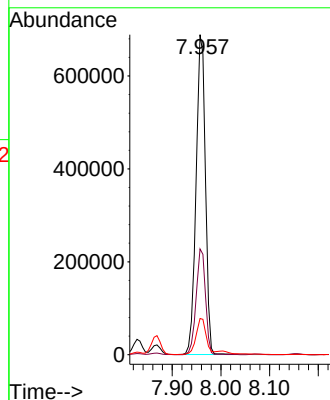
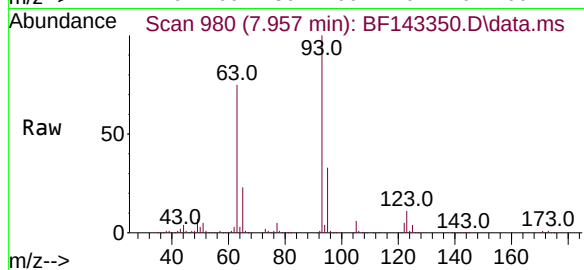
Tgt Ion: 93 Resp: 921854

Ion Ratio Lower Upper

93 100

95 33.0 26.2 39.4

123 11.3 9.4 14.2



#29

2,4-Dichlorophenol

Concen: 78.392 ng

RT: 8.075 min Scan# 1000

Delta R.T. 0.006 min

Lab File: BF143350.D

Acq: 12 Aug 2025 12:38

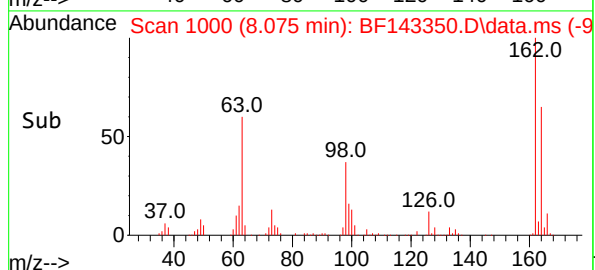
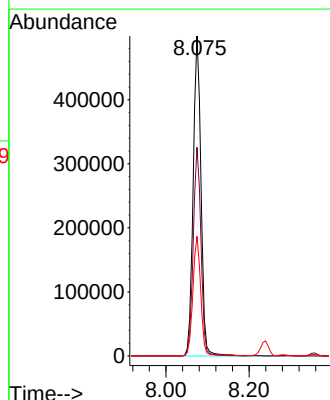
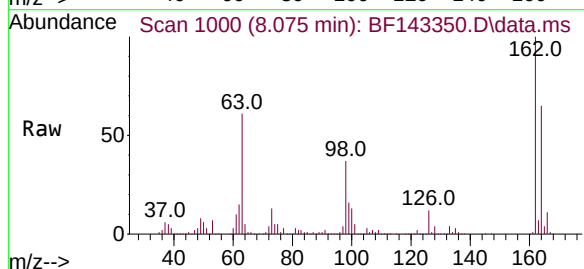
Tgt Ion: 162 Resp: 654545

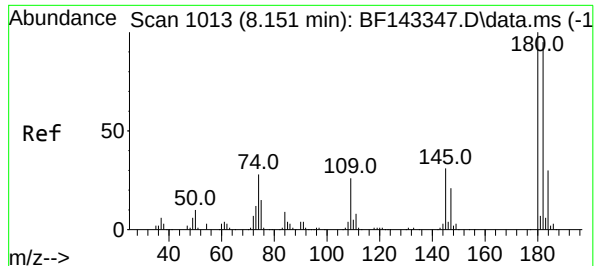
Ion Ratio Lower Upper

162 100

164 65.2 44.5 84.5

98 37.4 17.7 57.7





#30

1,2,4-Trichlorobenzene

Concen: 73.707 ng

RT: 8.157 min Scan# 1013

Delta R.T. 0.006 min

Lab File: BF143350.D

Acq: 12 Aug 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

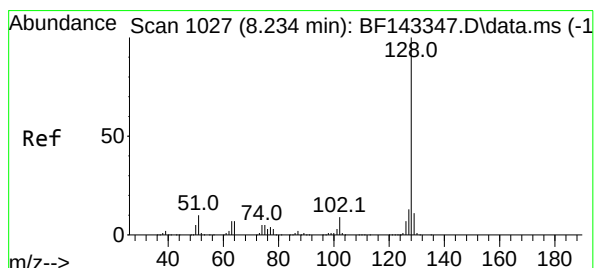
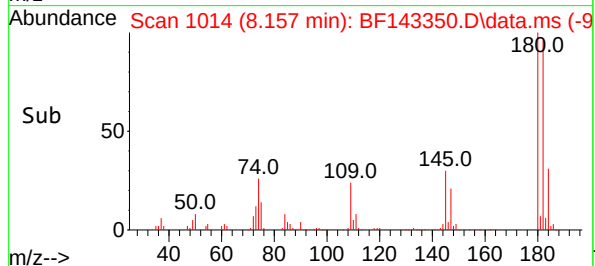
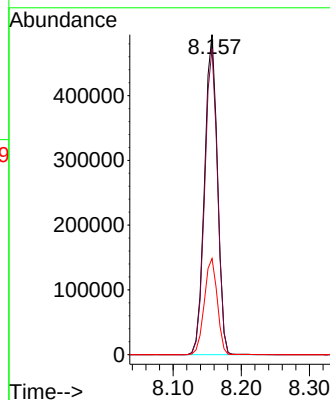
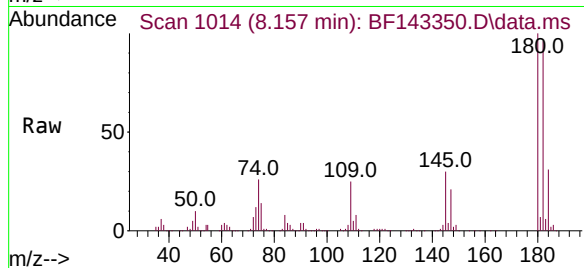
Tgt Ion:180 Resp: 649172

Ion Ratio Lower Upper

180 100

182 95.6 76.1 114.1

145 30.0 24.9 37.3



#31

Naphthalene

Concen: 69.783 ng

RT: 8.239 min Scan# 1028

Delta R.T. 0.006 min

Lab File: BF143350.D

Acq: 12 Aug 2025 12:38

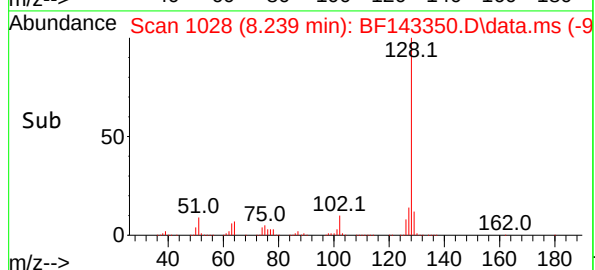
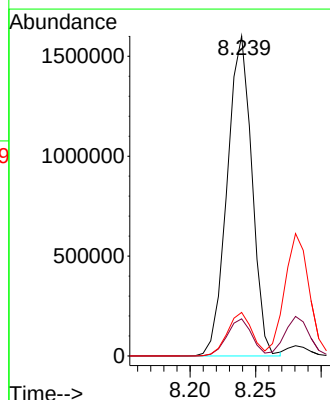
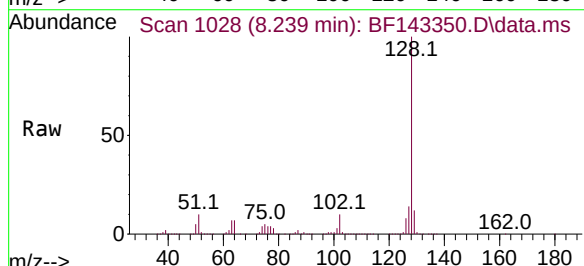
Tgt Ion:128 Resp: 2098892

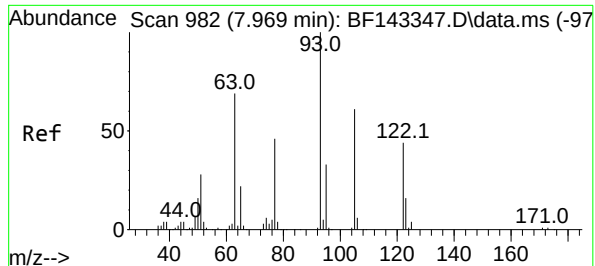
Ion Ratio Lower Upper

128 100

129 11.6 9.0 13.6

127 13.6 10.7 16.1

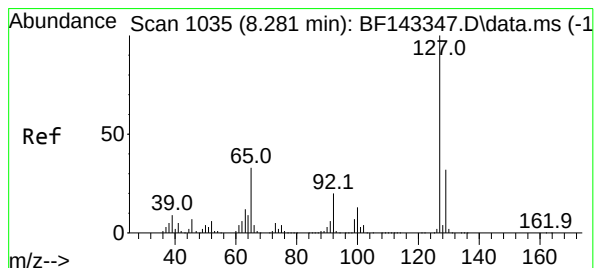
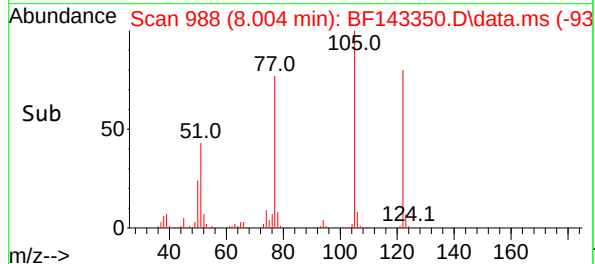
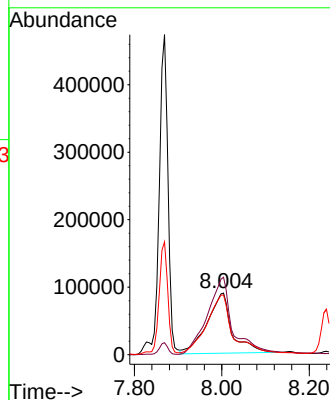
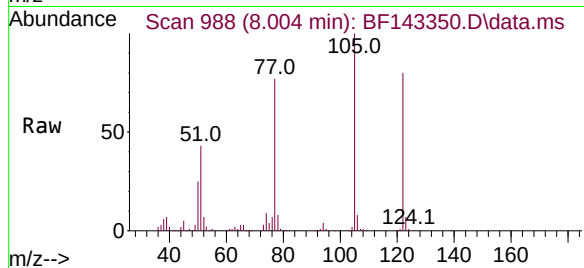




#32
Benzoic acid
Concen: 78.960 ng
RT: 8.004 min Scan# 982
Delta R.T. 0.035 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

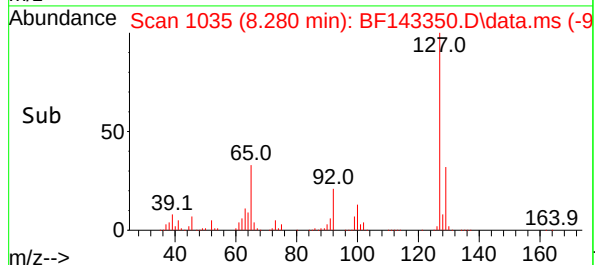
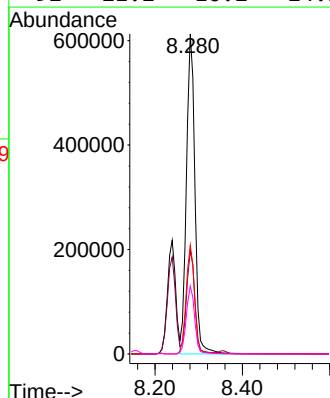
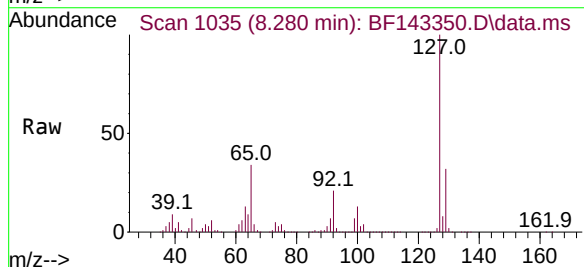
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

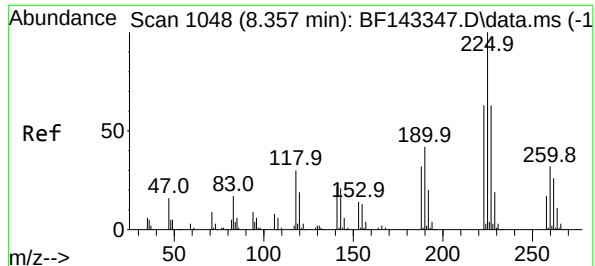
Tgt Ion:122 Resp: 354618
Ion Ratio Lower Upper
122 100
105 125.6 106.4 146.4
77 97.0 79.2 119.2



#33
4-Chloroaniline
Concen: 75.228 ng
RT: 8.280 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:127 Resp: 816103
Ion Ratio Lower Upper
127 100
129 32.3 26.0 39.0
65 34.0 27.0 40.4
92 21.2 16.2 24.2





#34

Hexachlorobutadiene

Concen: 73.592 ng

RT: 8.357 min Scan# 1100

Delta R.T. -0.000 min

Lab File: BF143350.D

Acq: 12 Aug 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

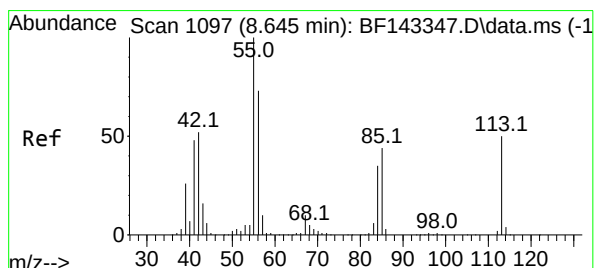
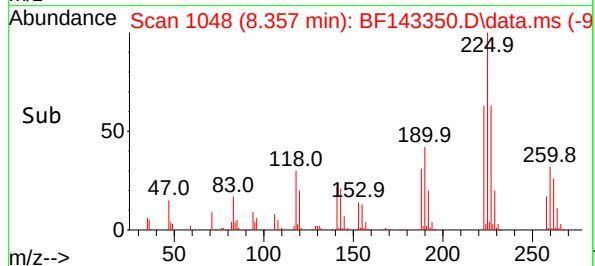
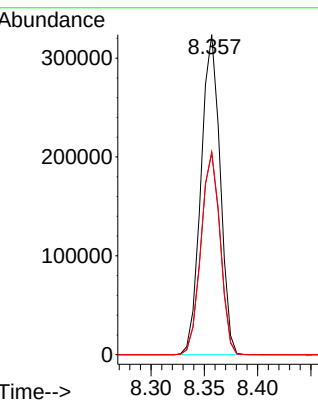
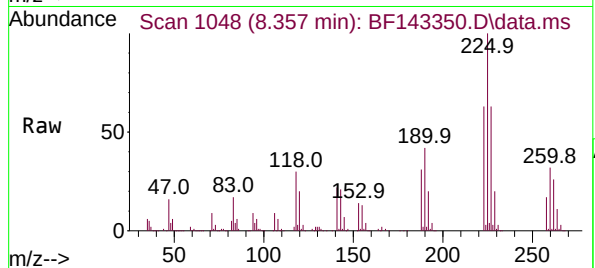
Tgt Ion:225 Resp: 403199

Ion Ratio Lower Upper

225 100

223 63.0 50.1 75.1

227 63.3 50.6 75.8



#35

Caprolactam

Concen: 84.172 ng

RT: 8.669 min Scan# 1101

Delta R.T. 0.023 min

Lab File: BF143350.D

Acq: 12 Aug 2025 12:38

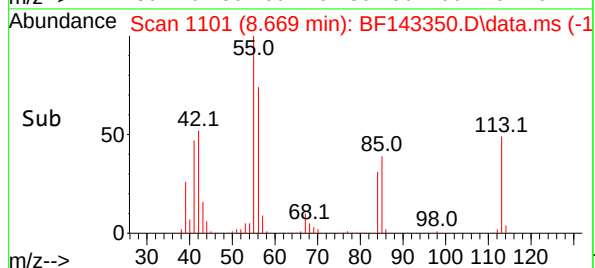
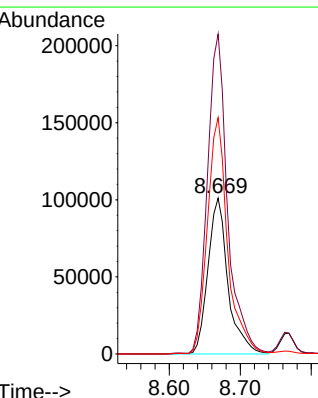
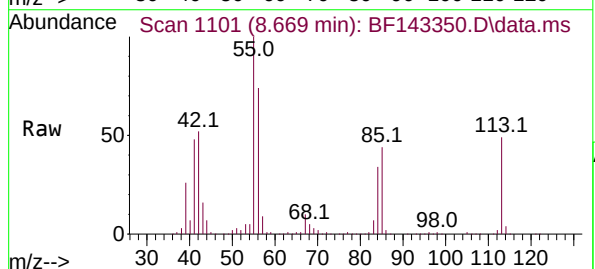
Tgt Ion:113 Resp: 197571

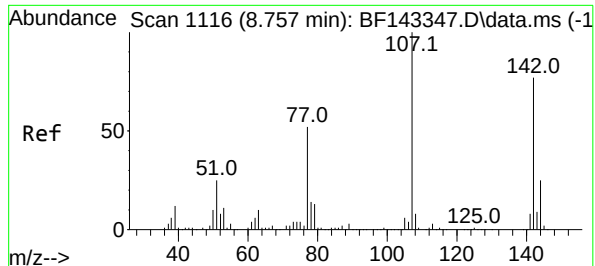
Ion Ratio Lower Upper

113 100

55 205.3 181.4 221.4

56 151.6 127.3 167.3





#36

4-Chloro-3-methylphenol

Concen: 77.000 ng

RT: 8.769 min Scan# 1116

Delta R.T. 0.012 min

Lab File: BF143350.D

Acq: 12 Aug 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

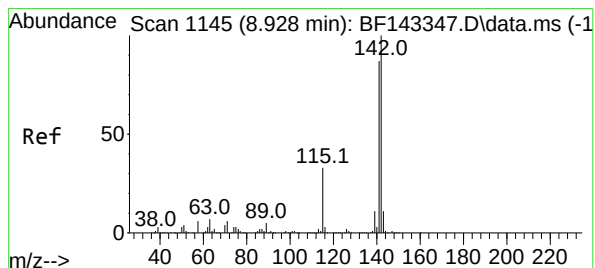
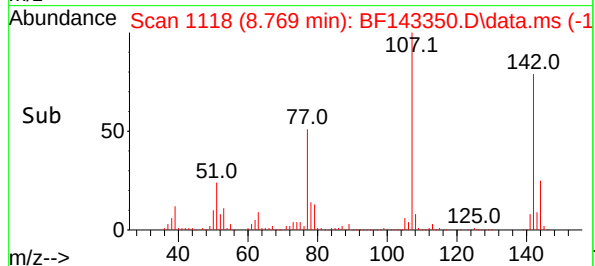
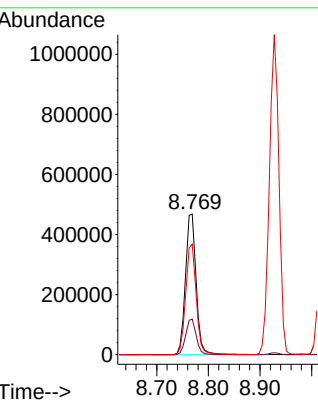
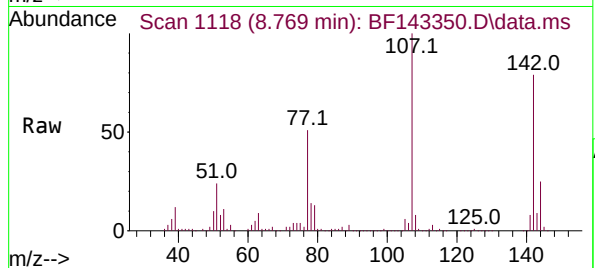
Tgt Ion:107 Resp: 674001

Ion Ratio Lower Upper

107 100

144 25.4 20.0 30.0

142 78.5 61.3 91.9



#37

2-Methylnaphthalene

Concen: 69.303 ng

RT: 8.927 min Scan# 1145

Delta R.T. -0.000 min

Lab File: BF143350.D

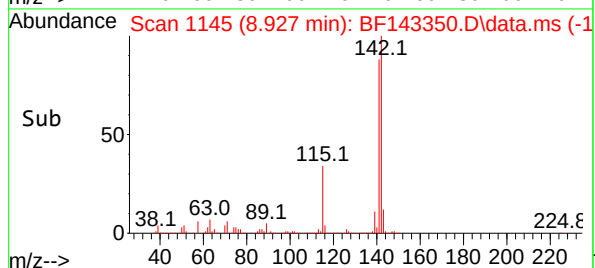
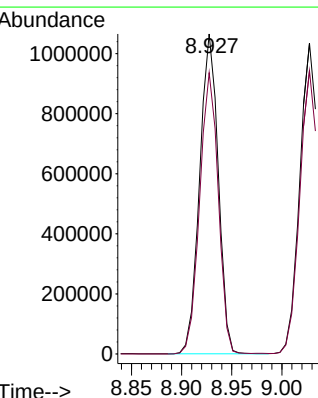
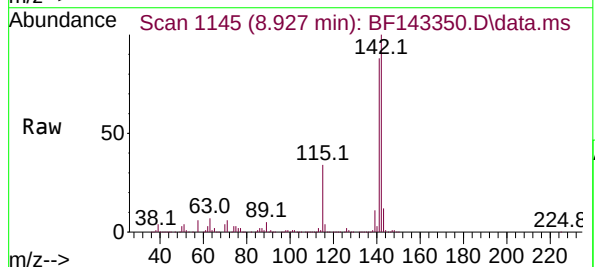
Acq: 12 Aug 2025 12:38

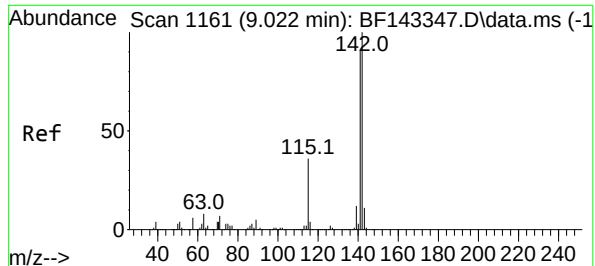
Tgt Ion:142 Resp: 1370352

Ion Ratio Lower Upper

142 100

141 87.9 69.8 104.8

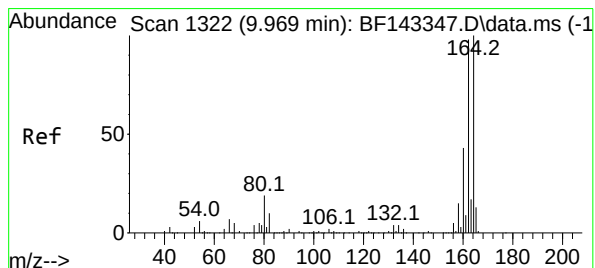
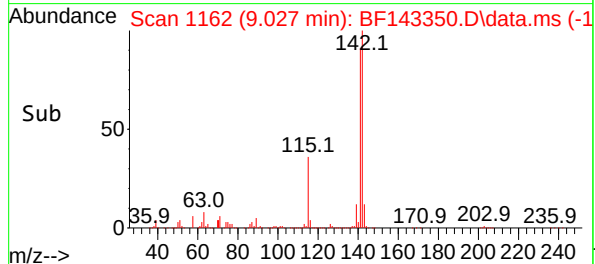
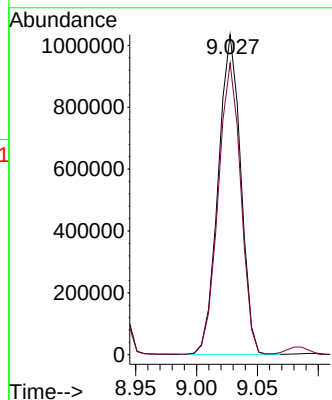
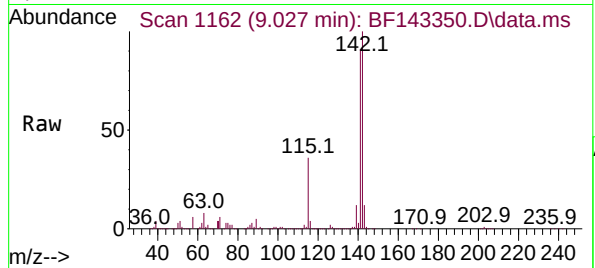




#38
1-Methylnaphthalene
Concen: 69.780 ng
RT: 9.027 min Scan# 1161
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

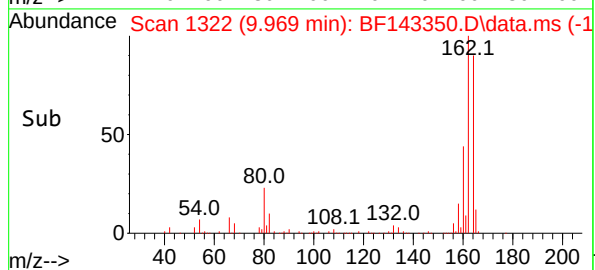
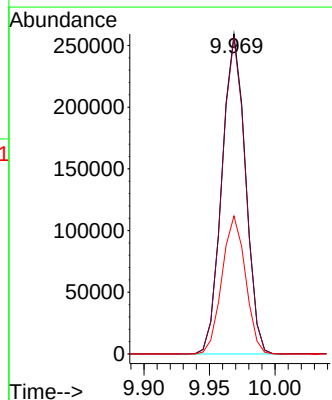
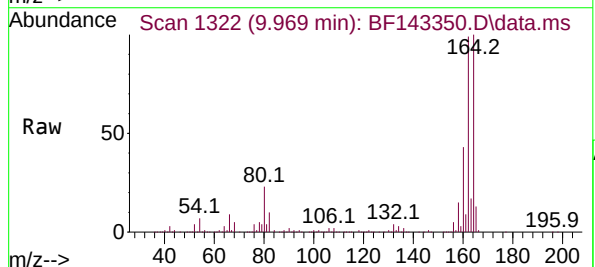
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

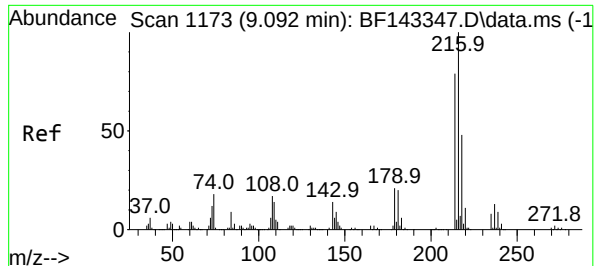
Tgt Ion:142 Resp: 1328881
Ion Ratio Lower Upper
142 100
141 91.2 73.0 109.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:164 Resp: 322984
Ion Ratio Lower Upper
164 100
162 98.8 78.6 118.0
160 43.1 34.4 51.6





#40

1,2,4,5-Tetrachlorobenzene

Concen: 72.936 ng

RT: 9.098 min Scan# 1174

Delta R.T. 0.006 min

Lab File: BF143350.D

Acq: 12 Aug 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:216 Resp: 644623

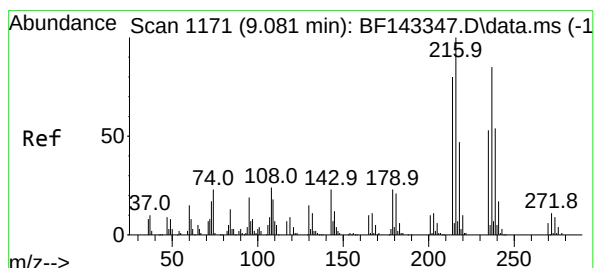
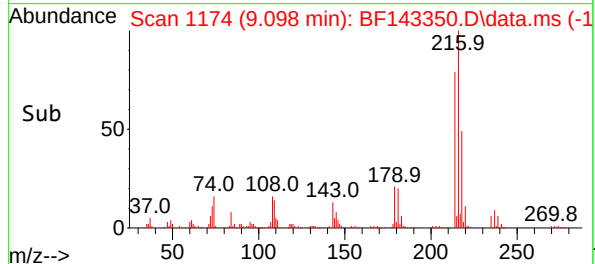
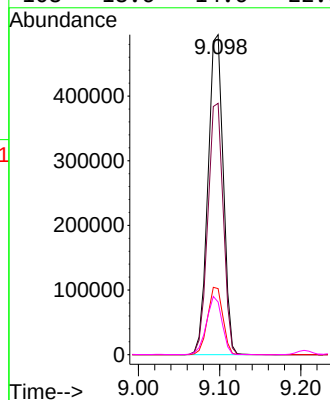
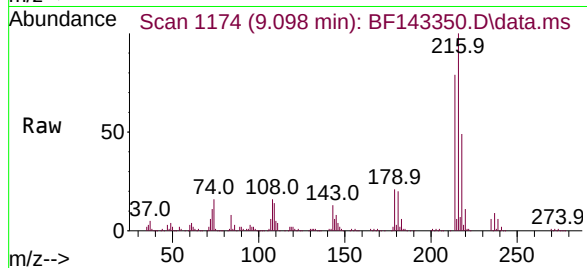
Ion Ratio Lower Upper

216 100

214 79.0 63.0 94.4

179 21.0 17.0 25.4

108 18.6 14.6 22.0



#41

Hexachlorocyclopentadiene

Concen: 82.835 ng

RT: 9.086 min Scan# 1172

Delta R.T. 0.005 min

Lab File: BF143350.D

Acq: 12 Aug 2025 12:38

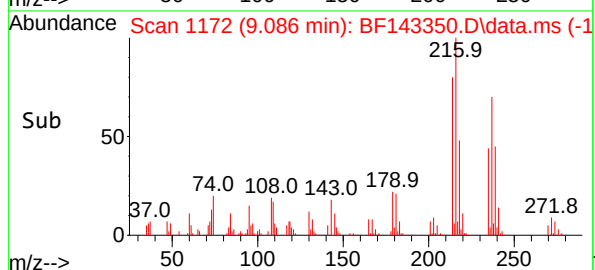
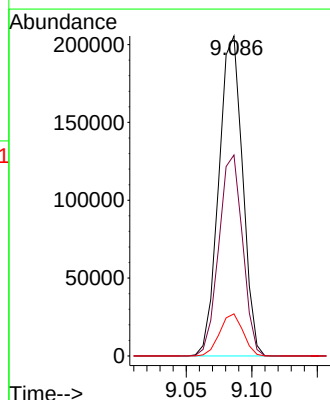
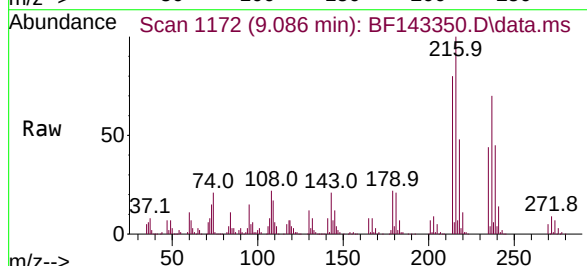
Tgt Ion:237 Resp: 259048

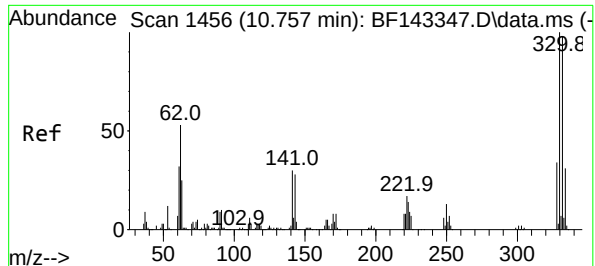
Ion Ratio Lower Upper

237 100

235 62.8 42.0 82.0

272 13.2 0.0 32.6





#42

2,4,6-Tribromophenol

Concen: 174.486 ng

RT: 10.763 min Scan# 1456

Delta R.T. 0.006 min

Lab File: BF143350.D

Acq: 12 Aug 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

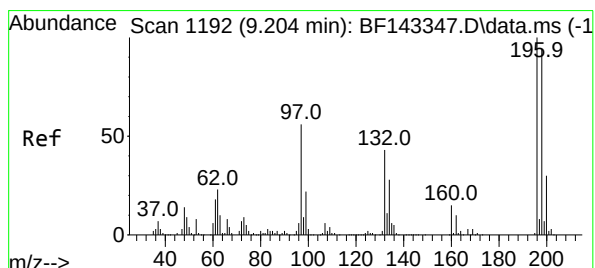
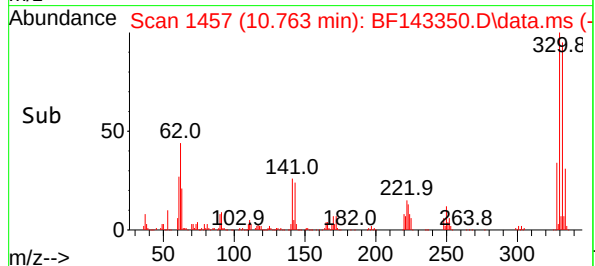
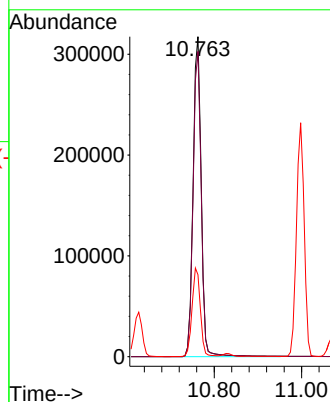
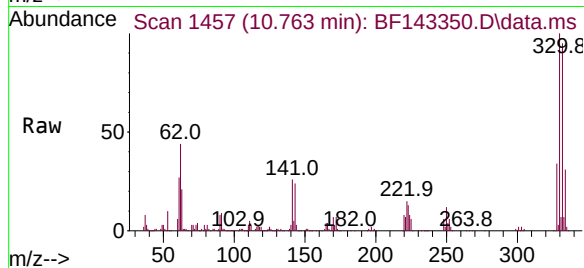
Tgt Ion:330 Resp: 411864

Ion Ratio Lower Upper

330 100

332 95.5 78.1 117.1

141 28.4 25.4 38.0



#43

2,4,6-Trichlorophenol

Concen: 87.149 ng

RT: 9.204 min Scan# 1192

Delta R.T. -0.000 min

Lab File: BF143350.D

Acq: 12 Aug 2025 12:38

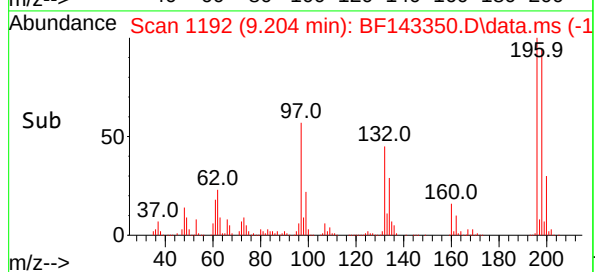
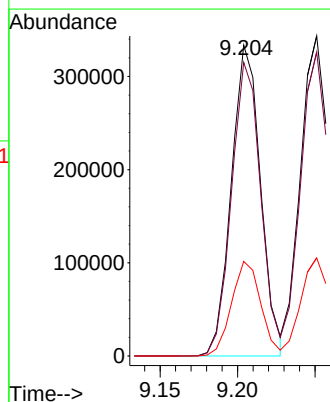
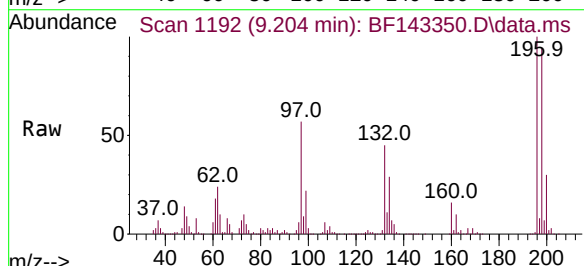
Tgt Ion:196 Resp: 437022

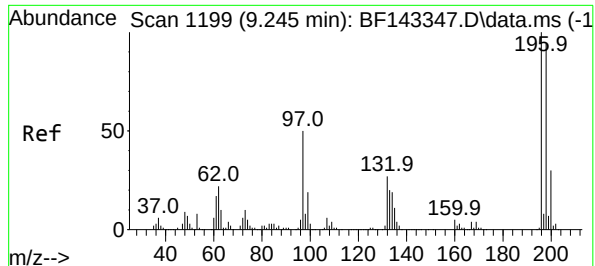
Ion Ratio Lower Upper

196 100

198 94.5 75.4 113.0

200 30.4 24.3 36.5





#44

2,4,5-Trichlorophenol

Concen: 82.433 ng

RT: 9.251 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF143350.D

Acq: 12 Aug 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:196 Resp: 466807

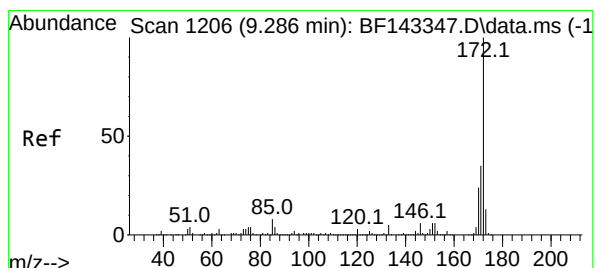
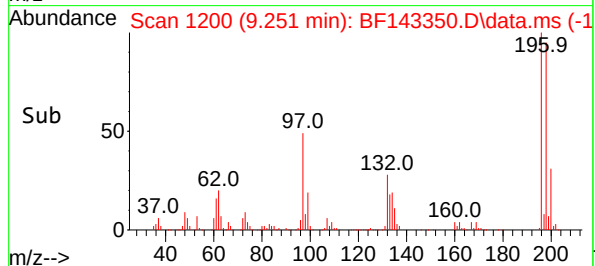
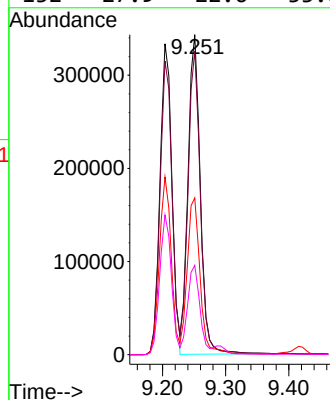
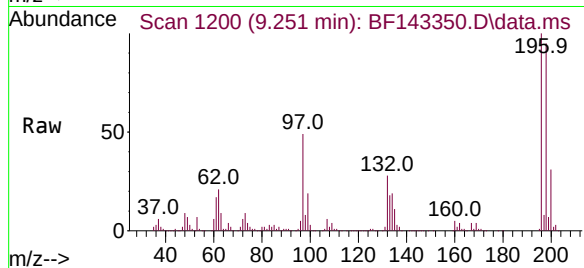
Ion Ratio Lower Upper

196 100

198 95.0 75.4 113.2

97 49.0 39.9 59.9

132 27.9 22.6 33.8



#45

2-Fluorobiphenyl

Concen: 129.045 ng

RT: 9.292 min Scan# 1207

Delta R.T. 0.006 min

Lab File: BF143350.D

Acq: 12 Aug 2025 12:38

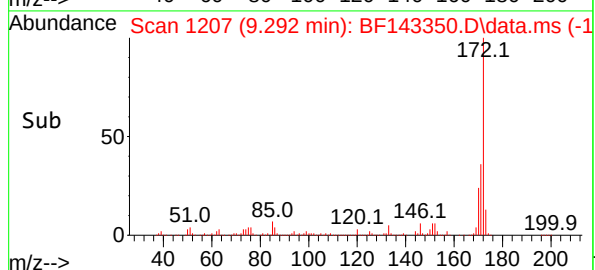
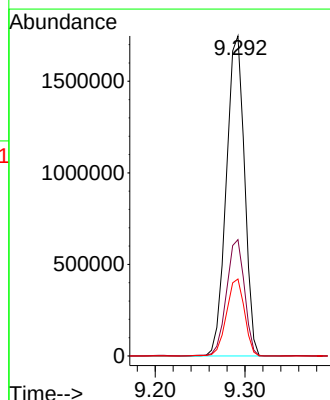
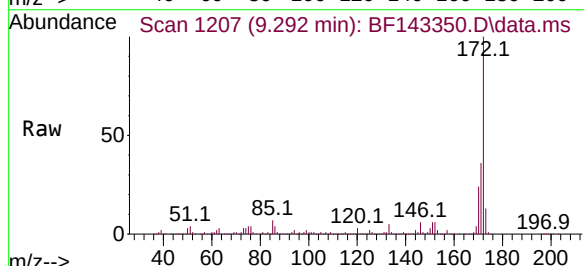
Tgt Ion:172 Resp: 2457872

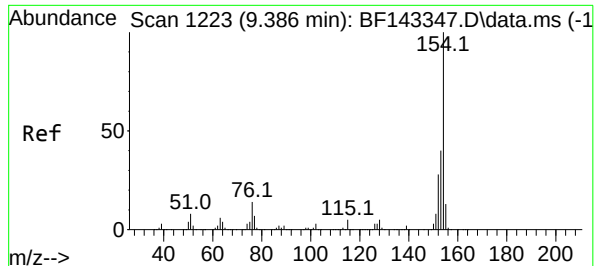
Ion Ratio Lower Upper

172 100

171 36.4 28.4 42.6

170 24.0 19.1 28.7

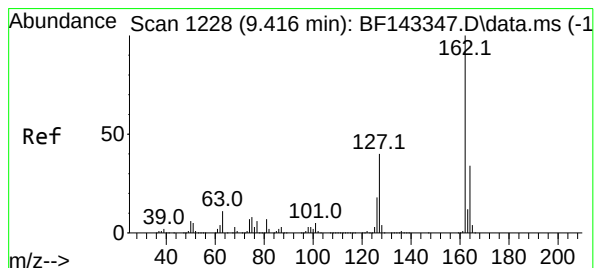
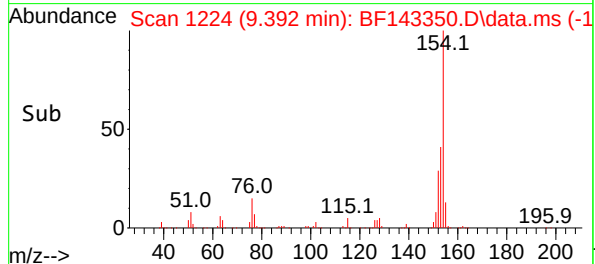
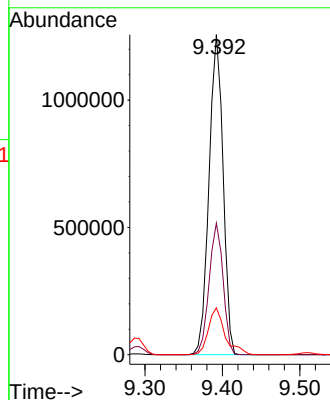
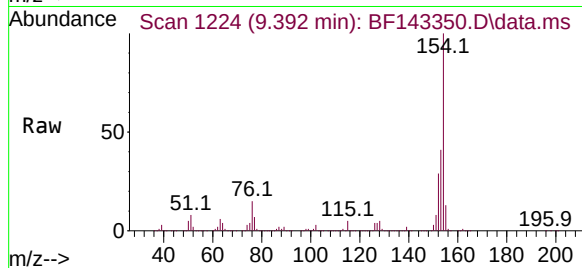




#46
1,1'-Biphenyl
Concen: 69.203 ng
RT: 9.392 min Scan# 1224
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

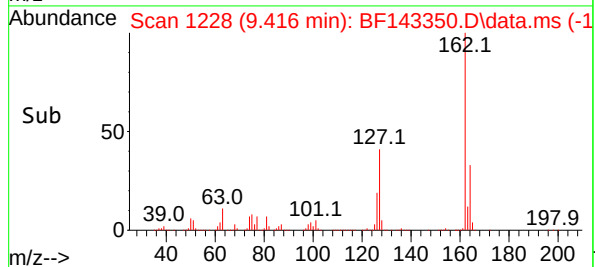
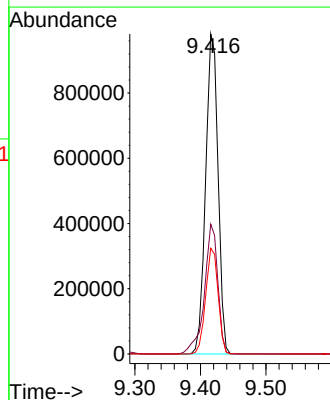
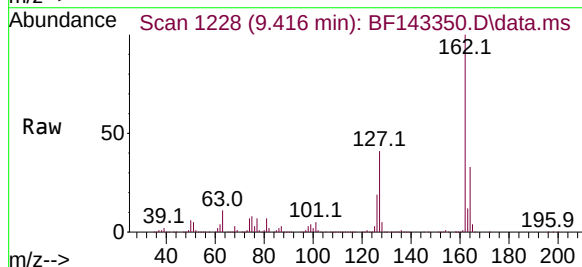
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

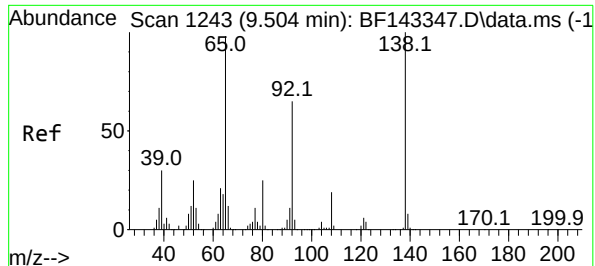
Tgt Ion:154 Resp: 1580379
Ion Ratio Lower Upper
154 100
153 41.1 20.2 60.2
76 14.6 0.0 34.4



#47
2-Chloronaphthalene
Concen: 72.042 ng
RT: 9.416 min Scan# 1228
Delta R.T. -0.000 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:162 Resp: 1295723
Ion Ratio Lower Upper
162 100
127 40.5 32.1 48.1
164 33.1 27.0 40.4

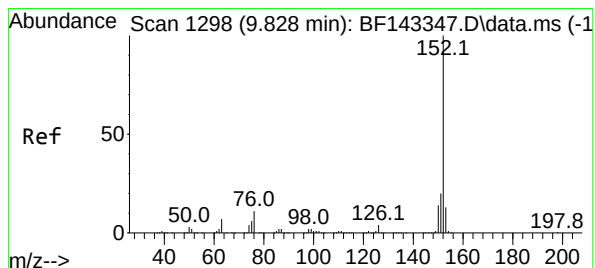
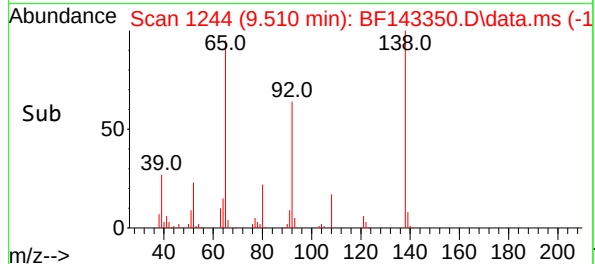
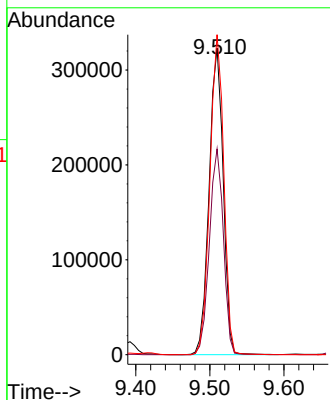
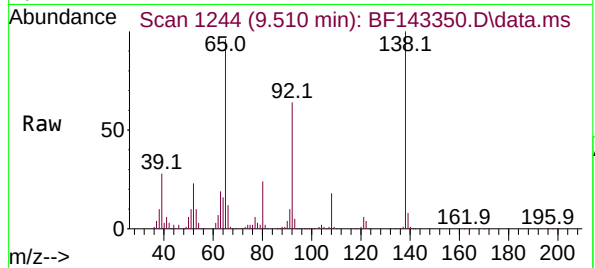




#48
2-Nitroaniline
Concen: 80.247 ng
RT: 9.510 min Scan# 1243
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

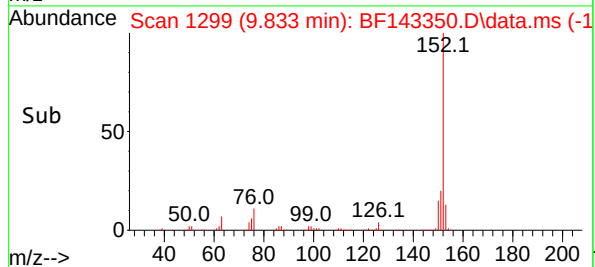
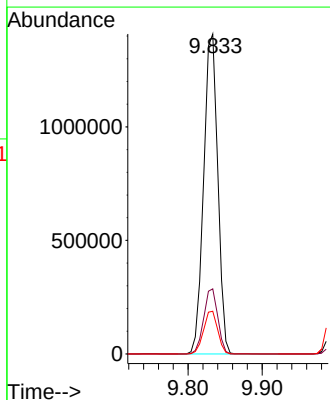
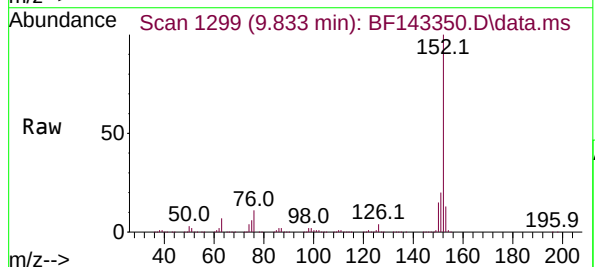
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

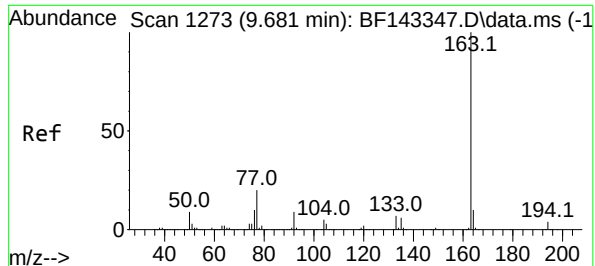
Tgt Ion: 65 Resp: 426490
Ion Ratio Lower Upper
65 100
92 67.1 53.1 79.7
138 104.4 81.4 122.0



#49
Acenaphthylene
Concen: 71.842 ng
RT: 9.833 min Scan# 1299
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion: 152 Resp: 1865988
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2
153 13.3 10.6 16.0

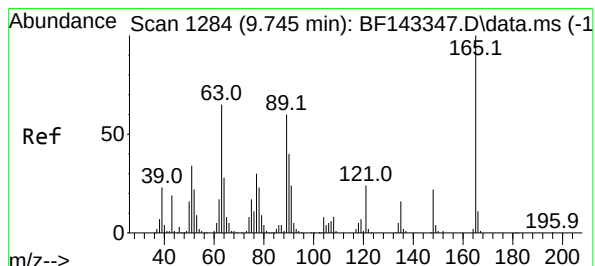
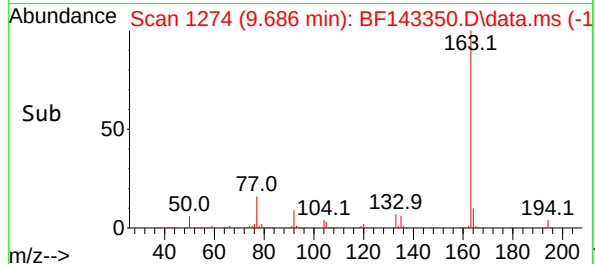
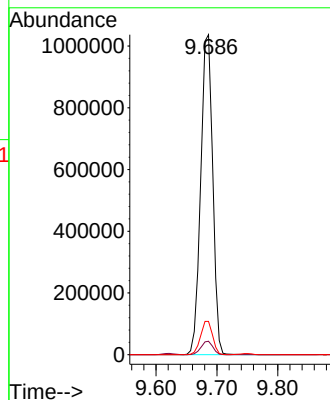
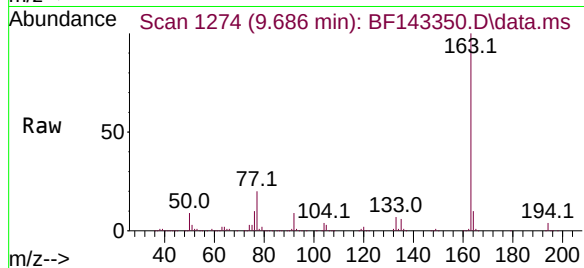




#50
Dimethylphthalate
Concen: 75.513 ng
RT: 9.686 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

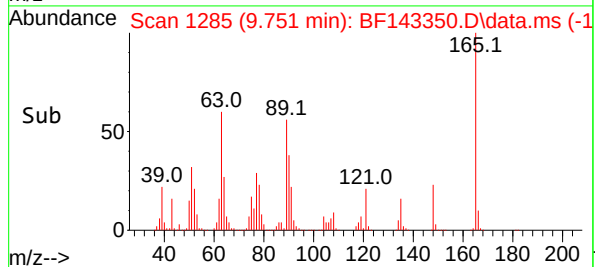
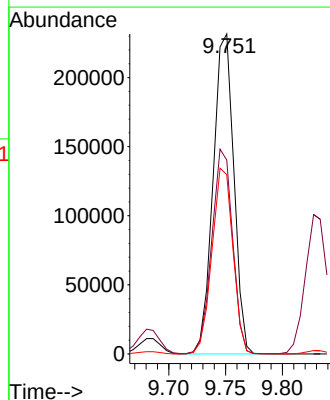
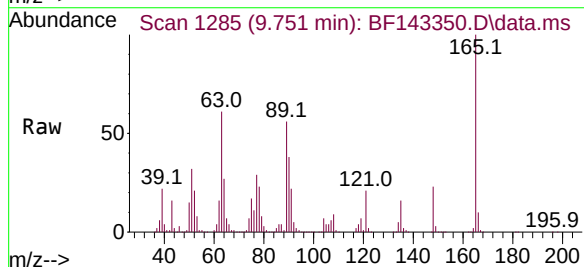
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

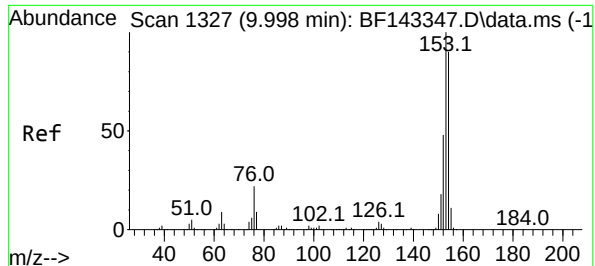
Tgt Ion:163 Resp: 1425124
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.4 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 80.211 ng
RT: 9.751 min Scan# 1285
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:165 Resp: 294018
Ion Ratio Lower Upper
165 100
63 60.6 51.6 77.4
89 56.1 47.7 71.5

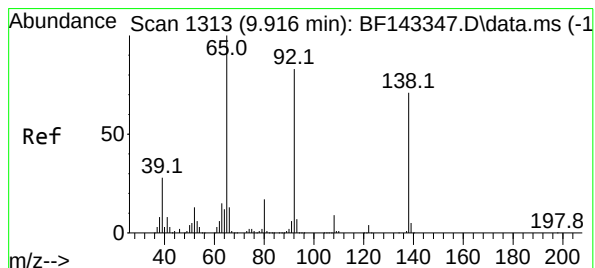
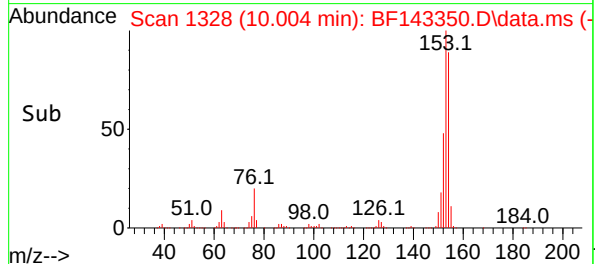
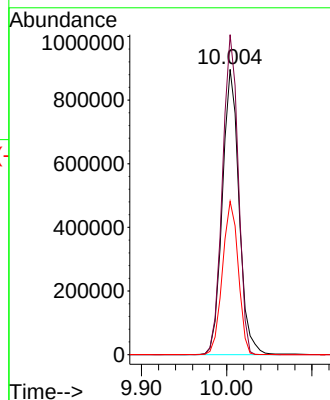
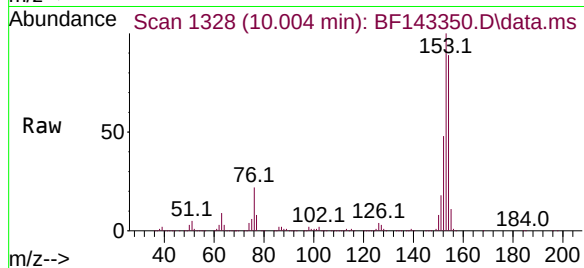




#52
Acenaphthene
Concen: 70.714 ng
RT: 10.004 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

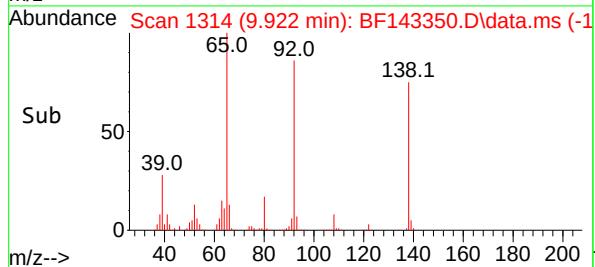
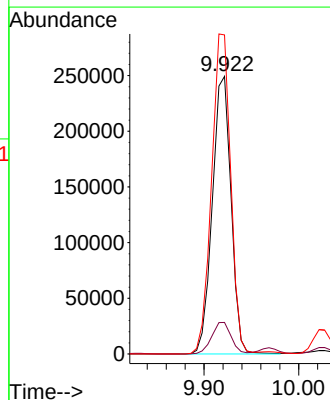
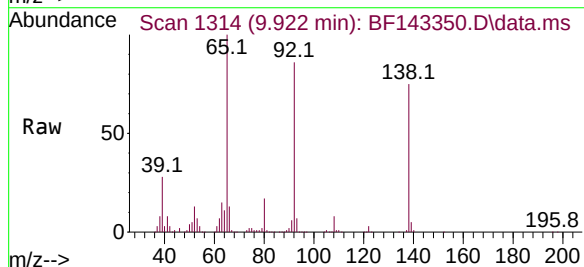
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

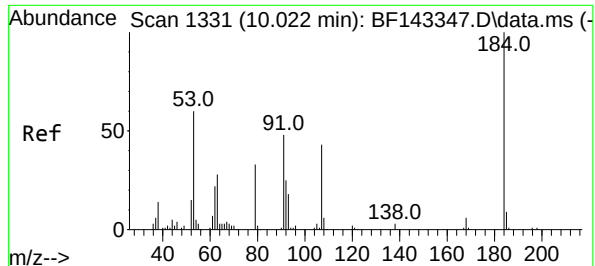
Tgt Ion:154 Resp: 1221046
Ion Ratio Lower Upper
154 100
153 112.2 88.5 132.7
152 53.7 42.4 63.6



#53
3-Nitroaniline
Concen: 88.887 ng
RT: 9.922 min Scan# 1314
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:138 Resp: 343541
Ion Ratio Lower Upper
138 100
108 11.3 9.6 14.4
92 114.9 93.4 140.2

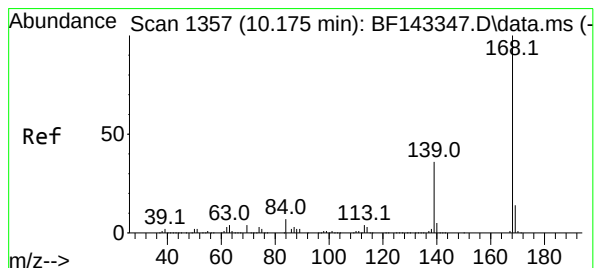
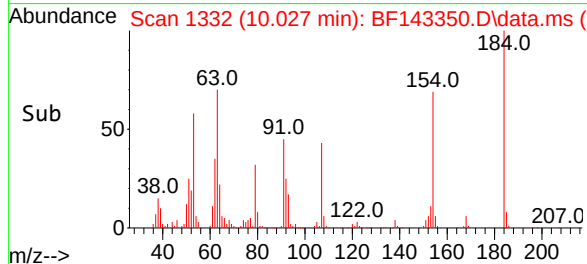
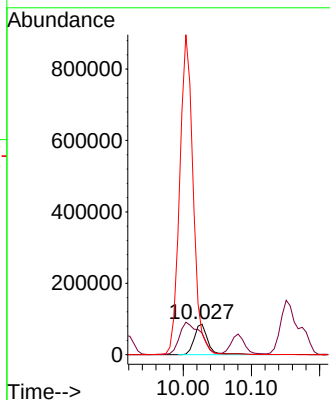
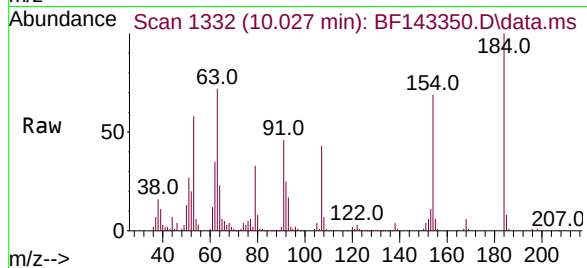




#54
2,4-Dinitrophenol
Concen: 79.041 ng
RT: 10.027 min Scan# 1331
Delta R.T. 0.005 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

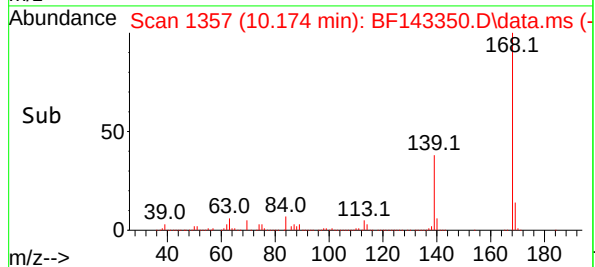
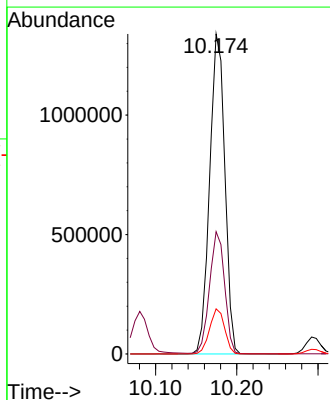
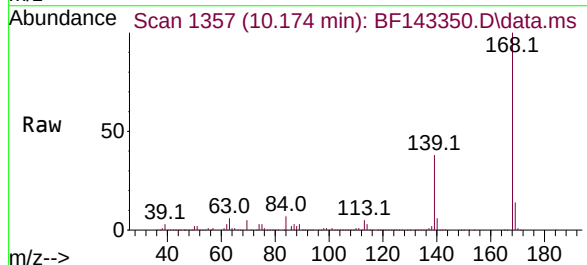
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

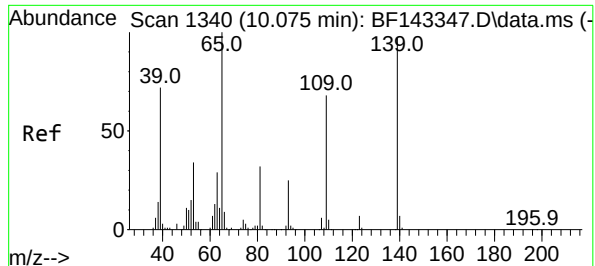
Tgt Ion:184 Resp: 118753
Ion Ratio Lower Upper
184 100
63 71.5 62.5 93.7
154 69.2 73.0 109.4#



#55
Dibenzofuran
Concen: 69.969 ng
RT: 10.174 min Scan# 1357
Delta R.T. -0.000 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:168 Resp: 1738835
Ion Ratio Lower Upper
168 100
139 38.2 29.4 44.0
169 14.1 11.0 16.6

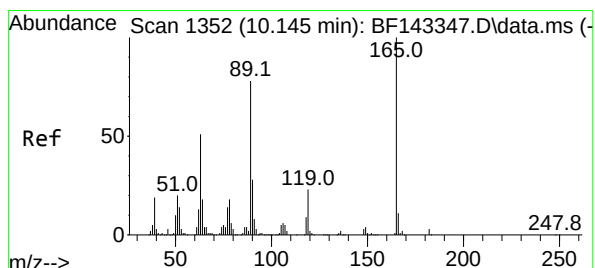
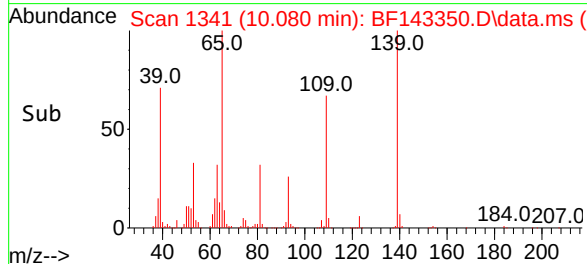
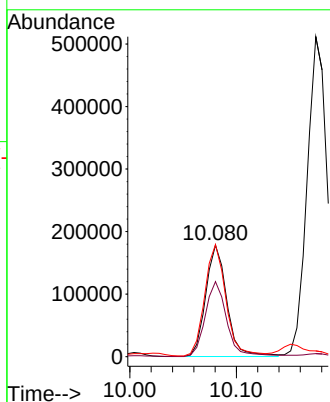
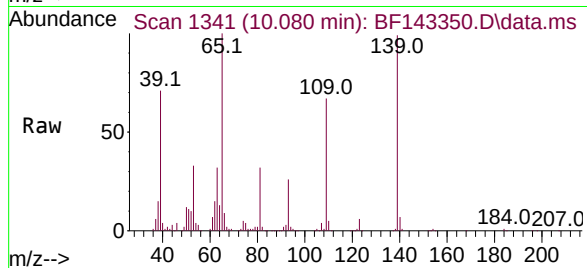




#56
4-Nitrophenol
Concen: 79.477 ng
RT: 10.080 min Scan# 1340
Delta R.T. 0.005 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

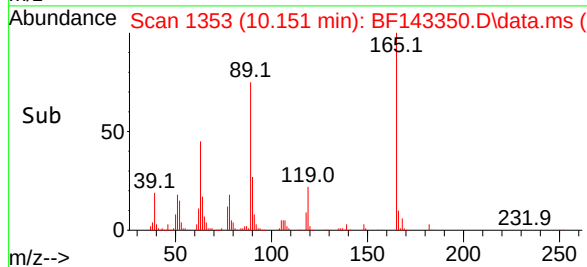
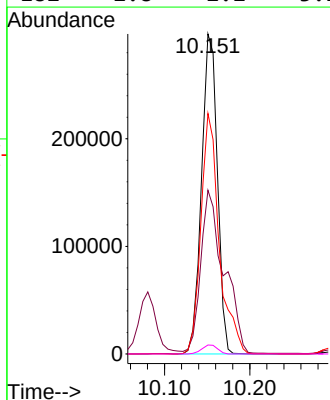
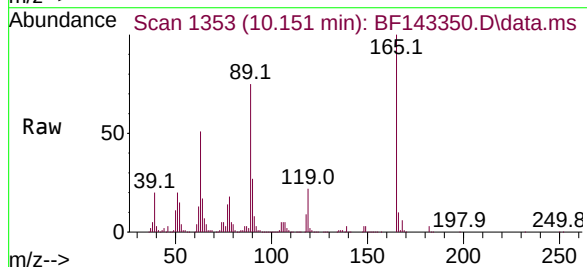
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

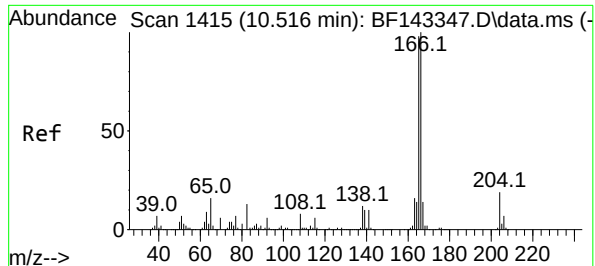
Tgt Ion:139 Resp: 245374
Ion Ratio Lower Upper
139 100
109 67.4 49.4 89.4
65 100.6 83.7 123.7



#57
2,4-Dinitrotoluene
Concen: 78.864 ng
RT: 10.151 min Scan# 1353
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:165 Resp: 383533
Ion Ratio Lower Upper
165 100
63 51.2 41.8 62.8
89 75.1 62.4 93.6
182 2.8 2.2 3.2

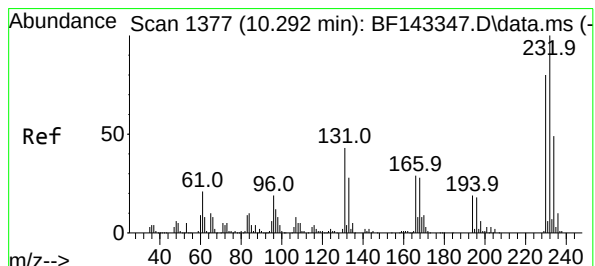
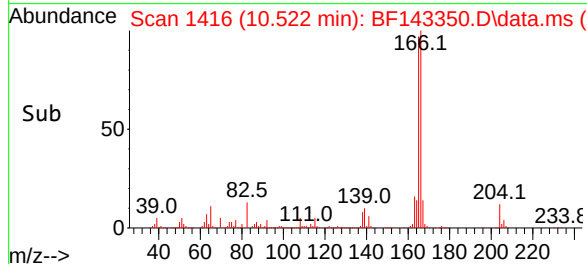
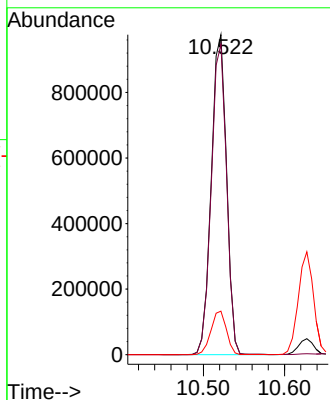
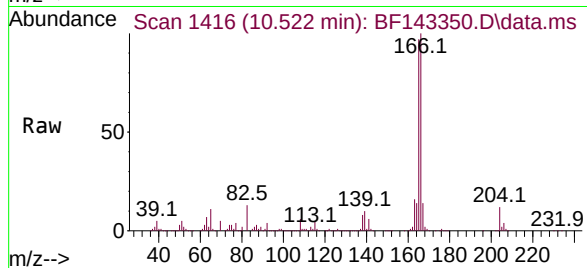




#58
Fluorene
Concen: 67.103 ng
RT: 10.522 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

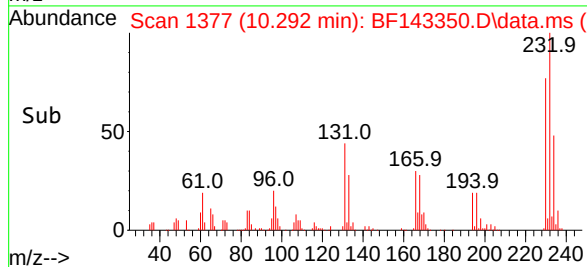
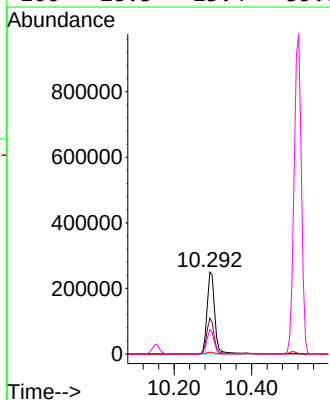
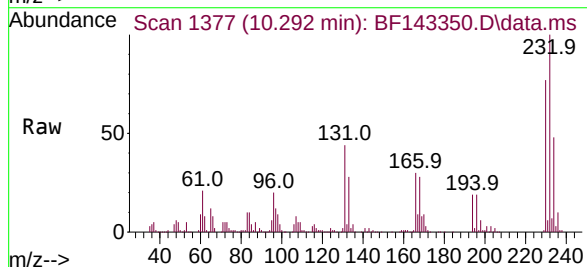
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

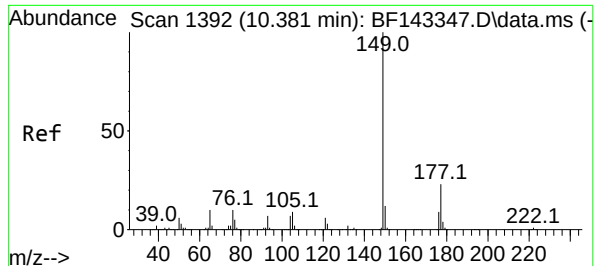
Tgt Ion:166 Resp: 1273759
Ion Ratio Lower Upper
166 100
165 97.0 78.2 117.4
167 13.6 10.9 16.3



#59
2,3,4,6-Tetrachlorophenol
Concen: 91.466 ng
RT: 10.292 min Scan# 1377
Delta R.T. -0.000 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:232 Resp: 349157
Ion Ratio Lower Upper
232 100
131 41.7 34.6 51.8
130 2.1 1.7 2.5
166 28.3 23.4 35.0





#60

Diethylphthalate

Concen: 74.465 ng

RT: 10.386 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF143350.D

Acq: 12 Aug 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

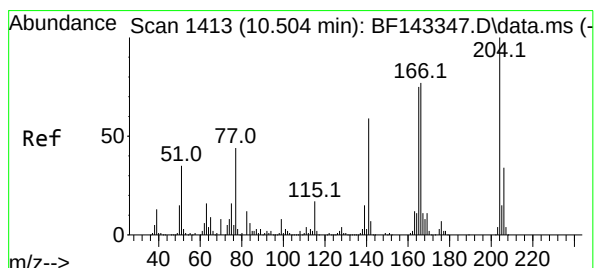
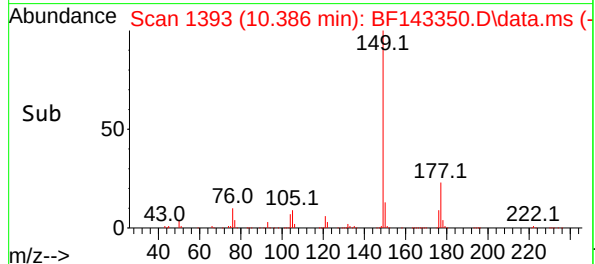
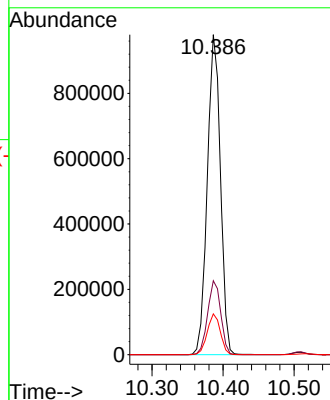
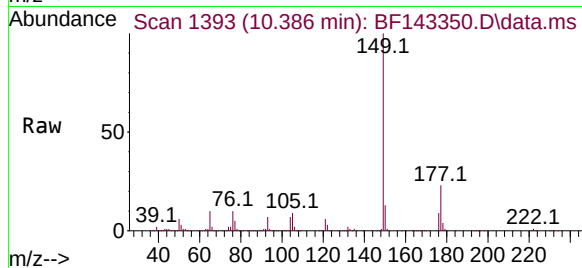
Tgt Ion:149 Resp: 1258798

Ion Ratio Lower Upper

149 100

177 23.1 18.2 27.2

150 12.8 9.9 14.9



#61

4-Chlorophenyl-phenylether

Concen: 70.191 ng

RT: 10.510 min Scan# 1414

Delta R.T. 0.006 min

Lab File: BF143350.D

Acq: 12 Aug 2025 12:38

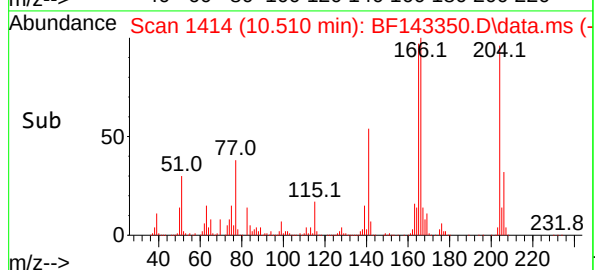
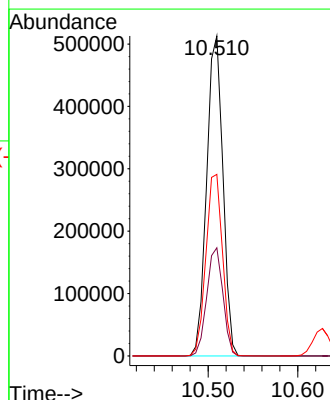
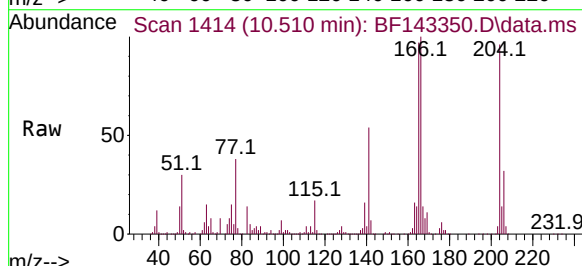
Tgt Ion:204 Resp: 643793

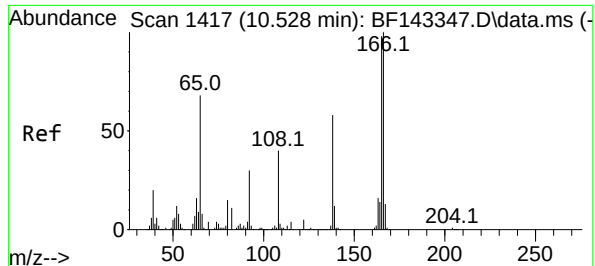
Ion Ratio Lower Upper

204 100

206 33.8 27.4 41.2

141 56.8 46.9 70.3

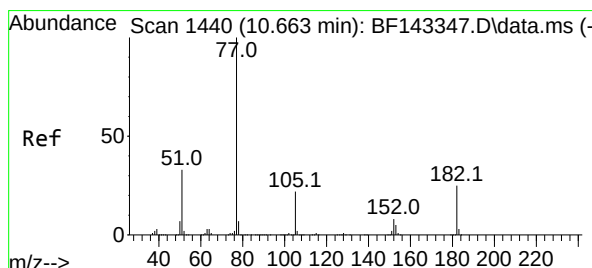
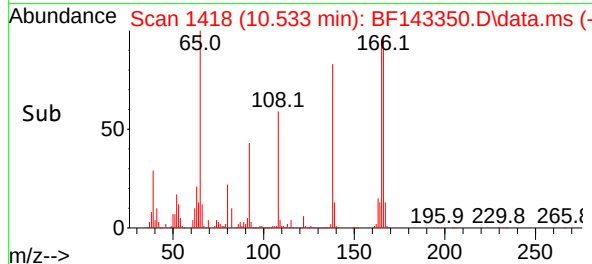
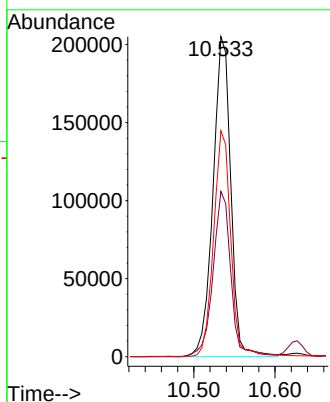
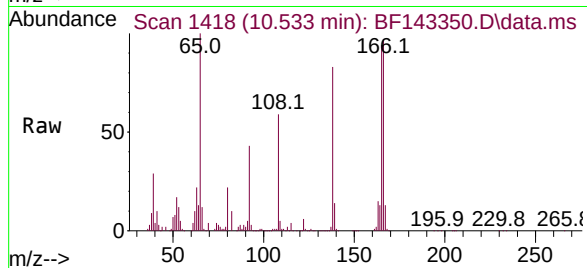




#62
4-Nitroaniline
Concen: 83.616 ng
RT: 10.533 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

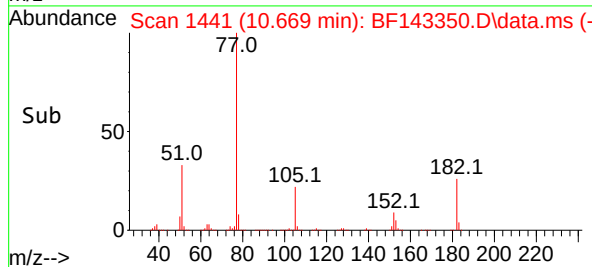
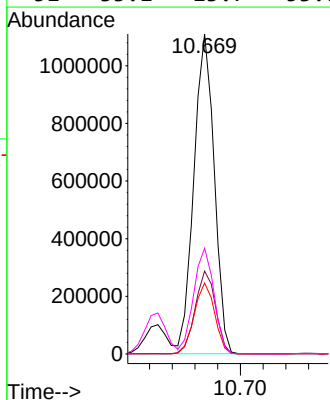
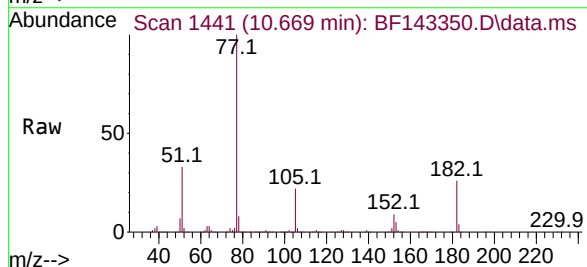
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

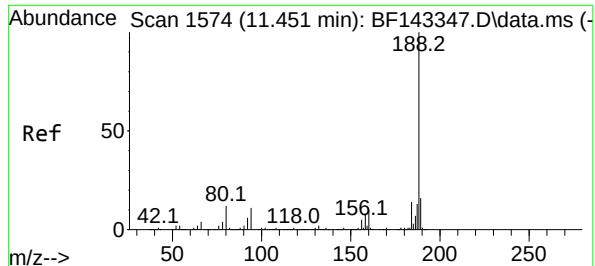
Tgt Ion:138 Resp: 312667
Ion Ratio Lower Upper
138 100
92 51.7 31.2 71.2
108 70.6 48.1 88.1



#63
Azobenzene
Concen: 71.269 ng
RT: 10.669 min Scan# 1441
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion: 77 Resp: 1376109
Ion Ratio Lower Upper
77 100
182 25.9 4.4 44.4
105 22.2 1.8 41.8
51 33.1 13.7 53.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.457 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF143350.D

Acq: 12 Aug 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

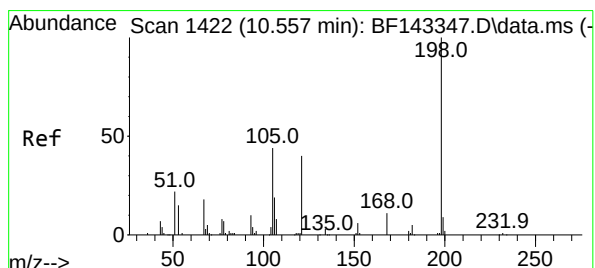
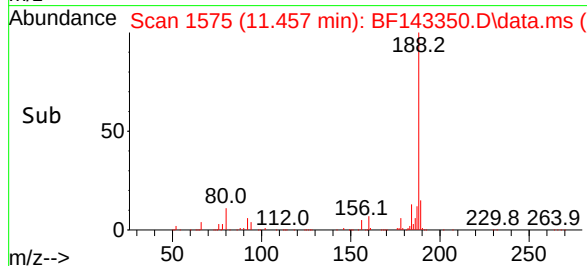
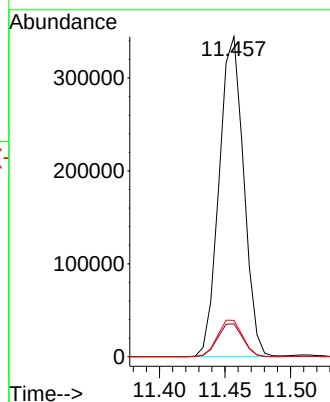
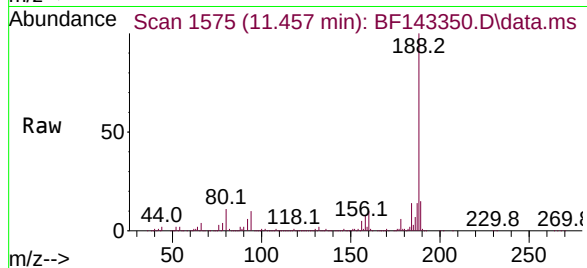
Tgt Ion:188 Resp: 448378

Ion Ratio Lower Upper

188 100

94 10.3 8.8 13.2

80 11.4 9.7 14.5



#65

4,6-Dinitro-2-methylphenol

Concen: 83.490 ng

RT: 10.569 min Scan# 1424

Delta R.T. 0.012 min

Lab File: BF143350.D

Acq: 12 Aug 2025 12:38

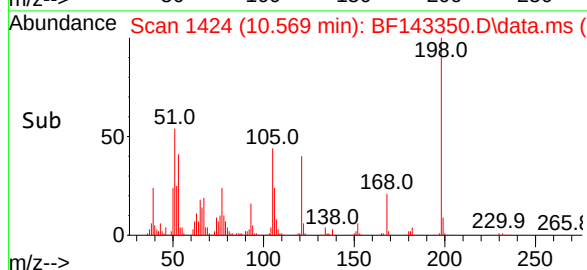
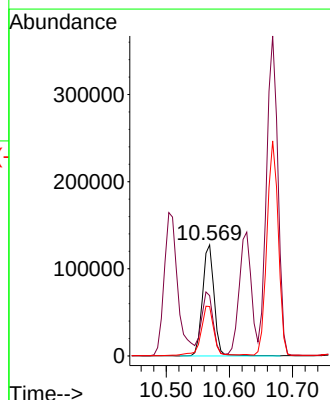
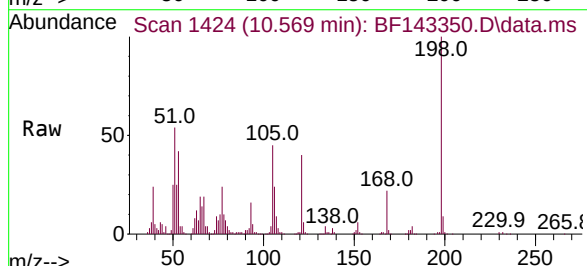
Tgt Ion:198 Resp: 162929

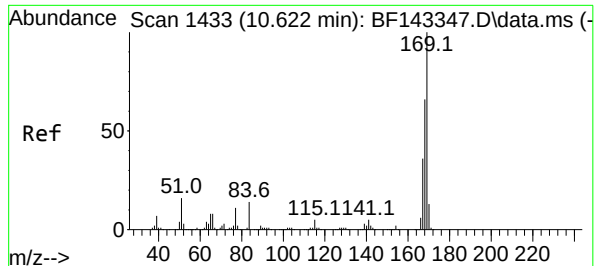
Ion Ratio Lower Upper

198 100

51 54.2 41.7 81.7

105 44.5 26.8 66.8

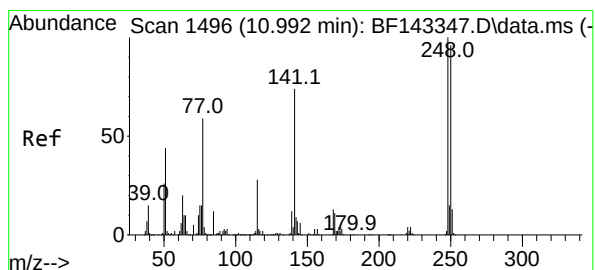
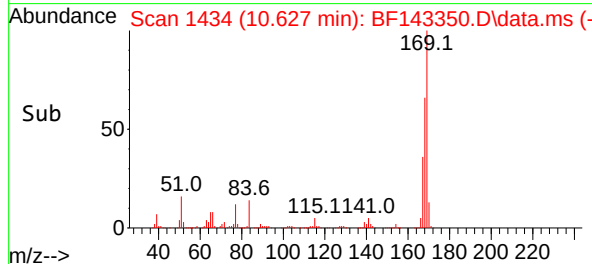
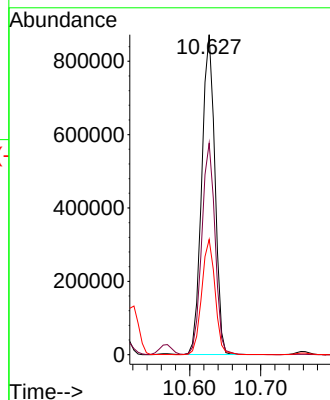
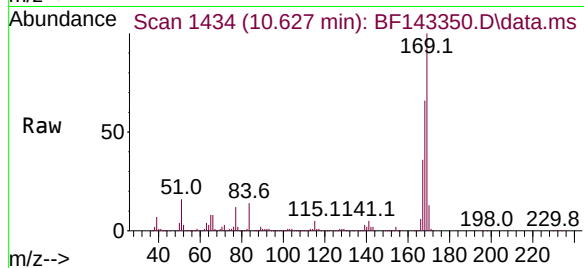




#66
n-Nitrosodiphenylamine
Concen: 76.190 ng
RT: 10.627 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

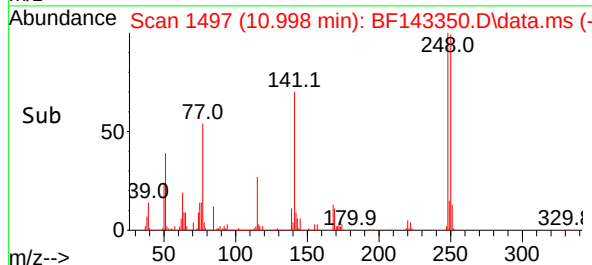
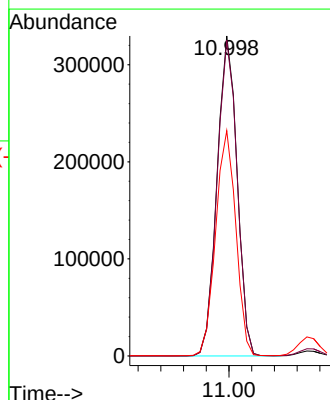
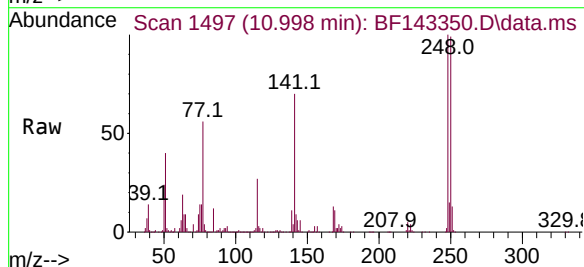
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

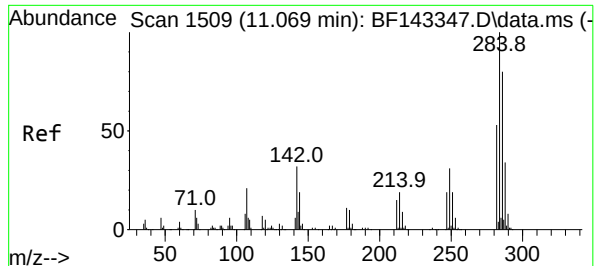
Tgt Ion:169 Resp: 1124872
Ion Ratio Lower Upper
169 100
168 66.1 52.7 79.1
167 36.0 28.6 42.8



#67
4-Bromophenyl-phenylether
Concen: 79.007 ng
RT: 10.998 min Scan# 1497
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:248 Resp: 405148
Ion Ratio Lower Upper
248 100
250 98.7 77.1 115.7
141 70.4 59.1 88.7

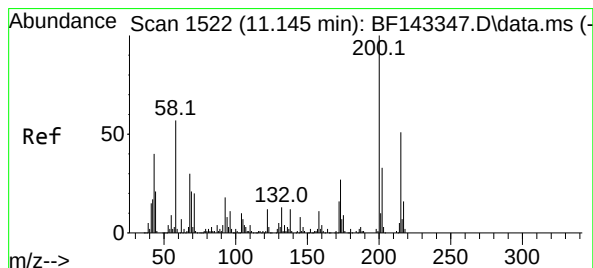
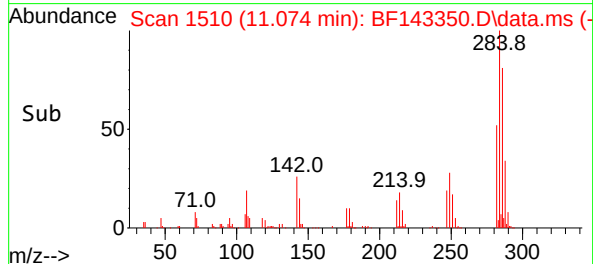
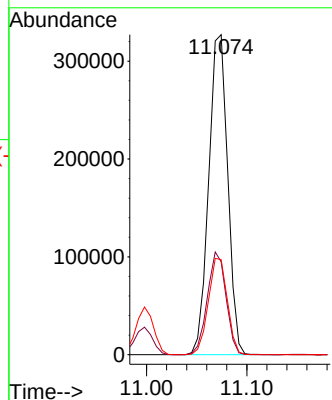
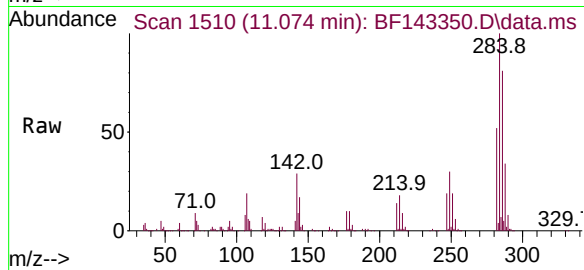




#68
Hexachlorobenzene
Concen: 78.001 ng
RT: 11.074 min Scan# 1510
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

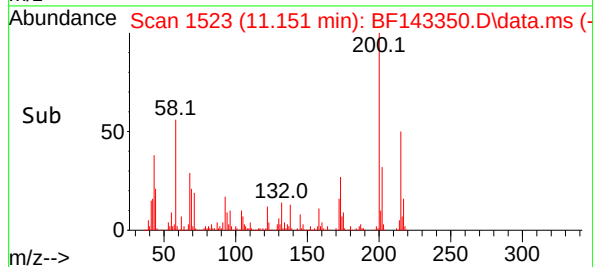
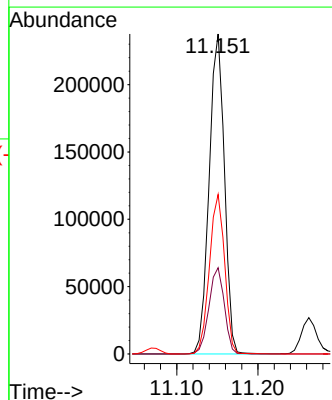
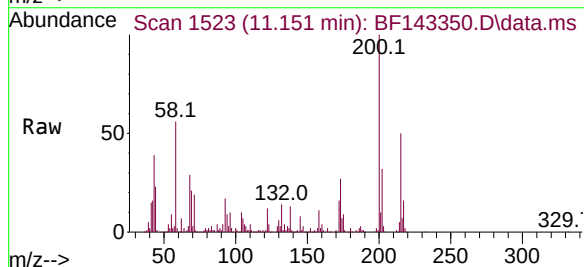
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

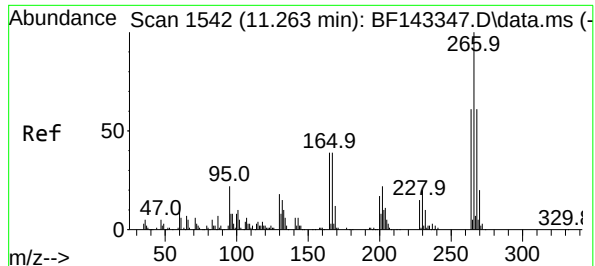
Tgt Ion:284 Resp: 431148
Ion Ratio Lower Upper
284 100
142 29.0 25.7 38.5
249 29.7 24.6 37.0



#69
Atrazine
Concen: 80.438 ng
RT: 11.151 min Scan# 1523
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:200 Resp: 309748
Ion Ratio Lower Upper
200 100
173 26.9 6.6 46.6
215 49.8 30.6 70.6





#70

Pentachlorophenol

Concen: 80.616 ng

RT: 11.263 min Scan# 1542

Delta R.T. -0.000 min

Lab File: BF143350.D

Acq: 12 Aug 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

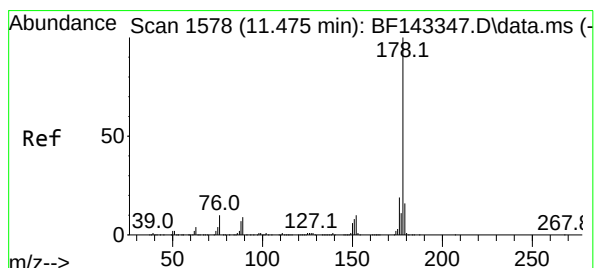
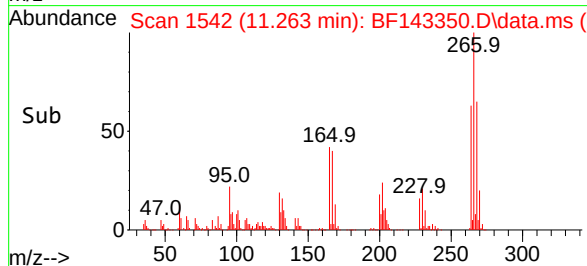
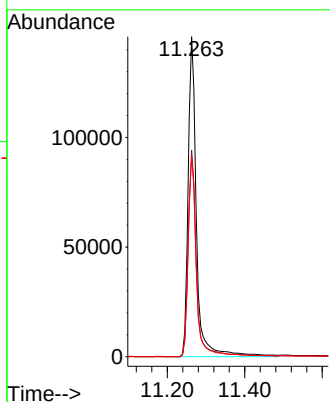
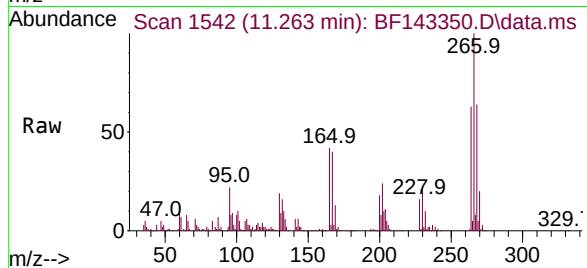
Tgt Ion:266 Resp: 218250

Ion Ratio Lower Upper

266 100

268 64.5 48.8 73.2

264 62.8 48.8 73.2



#71

Phenanthrene

Concen: 71.351 ng

RT: 11.480 min Scan# 1579

Delta R.T. 0.006 min

Lab File: BF143350.D

Acq: 12 Aug 2025 12:38

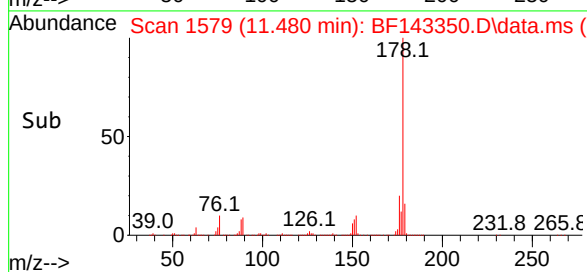
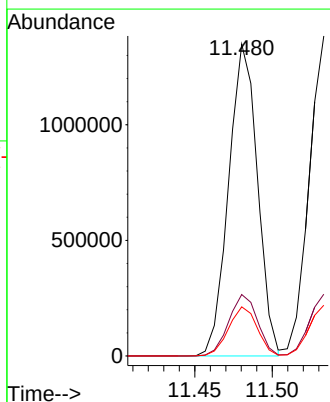
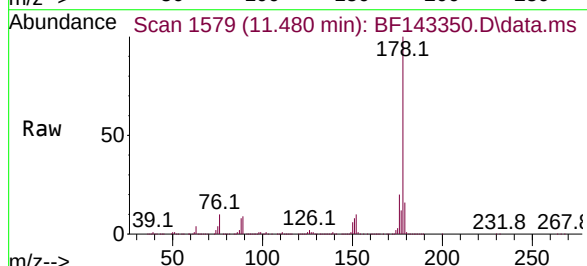
Tgt Ion:178 Resp: 1745493

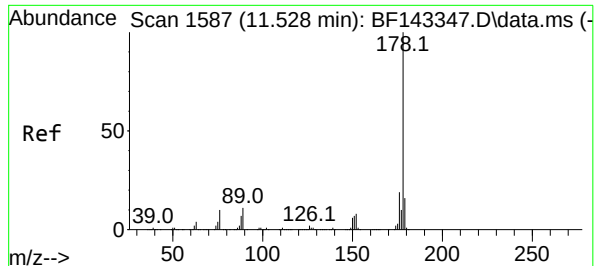
Ion Ratio Lower Upper

178 100

176 19.7 15.5 23.3

179 15.7 12.5 18.7

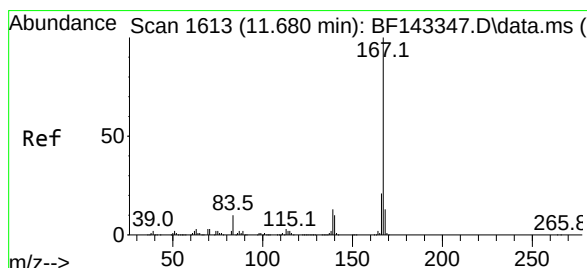
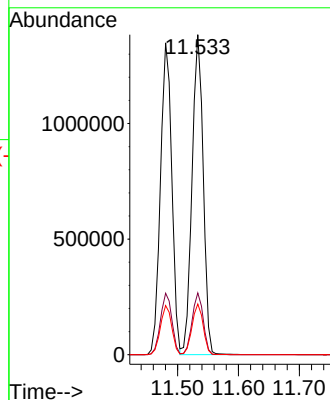
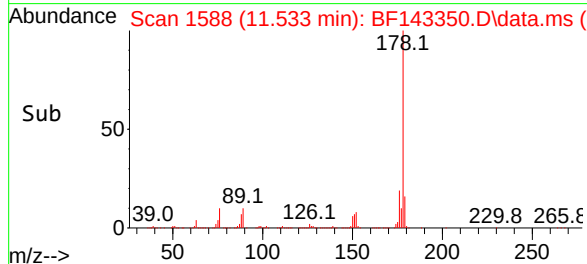
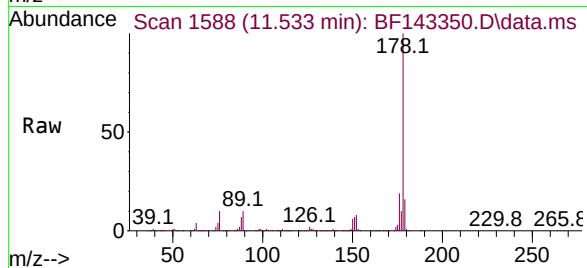




#72
Anthracene
Concen: 70.871 ng
RT: 11.533 min Scan# 1158
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

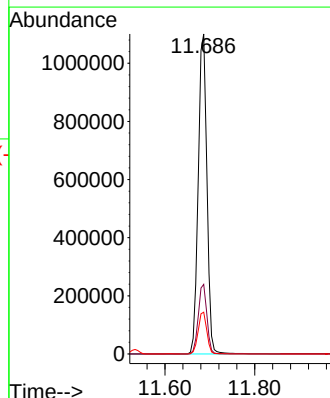
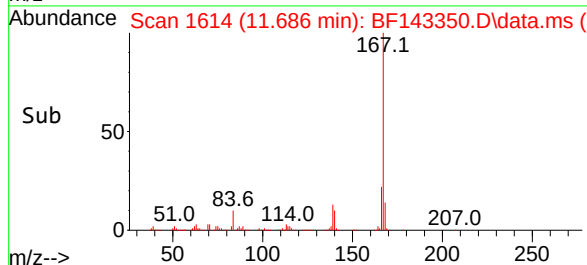
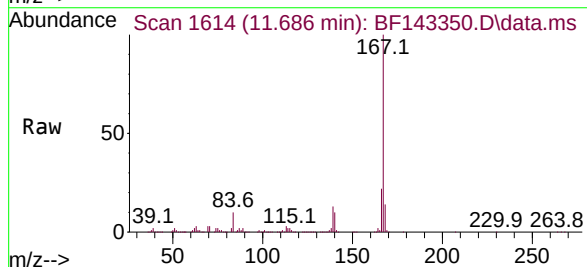
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

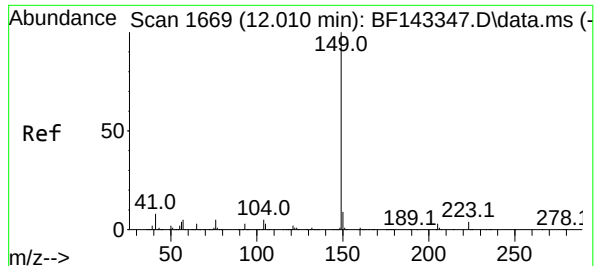
Tgt Ion:178 Resp: 1758274
Ion Ratio Lower Upper
178 100
176 19.3 15.1 22.7
179 15.9 12.7 19.1



#73
Carbazole
Concen: 70.029 ng
RT: 11.686 min Scan# 1614
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:167 Resp: 1479652
Ion Ratio Lower Upper
167 100
166 21.7 16.8 25.2
139 13.1 10.2 15.2

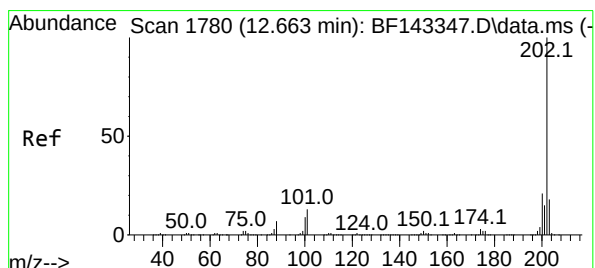
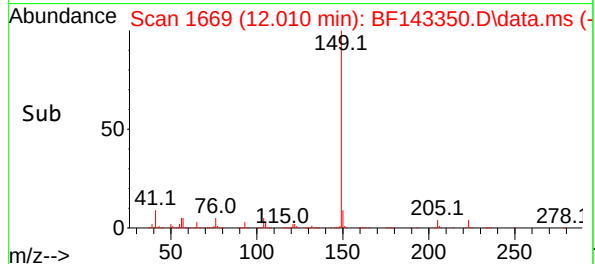
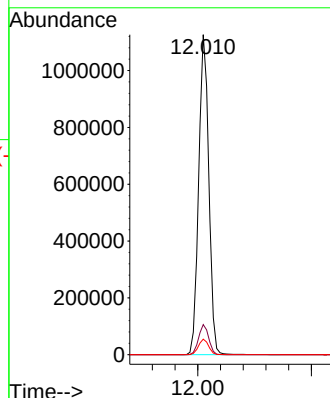
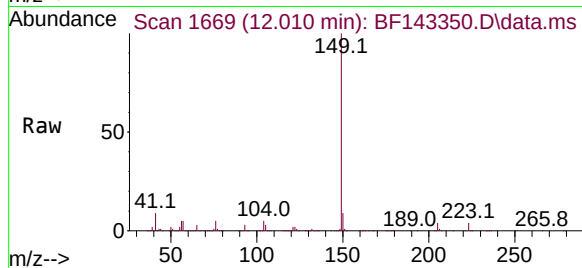




#74
Di-n-butylphthalate
Concen: 78.244 ng
RT: 12.010 min Scan# 1669
Delta R.T. -0.000 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

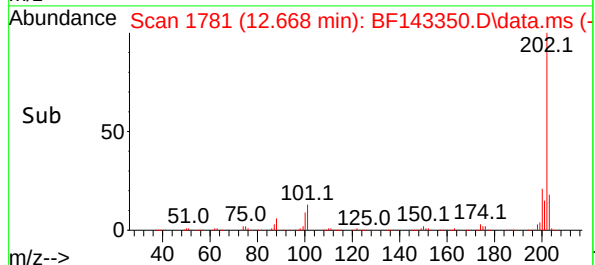
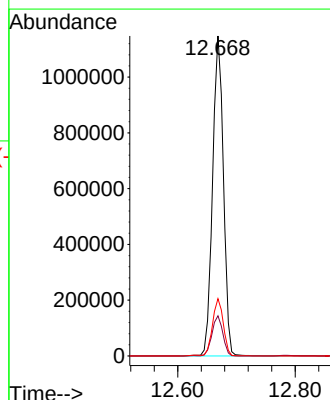
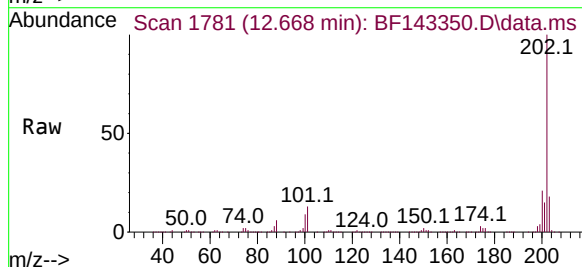
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

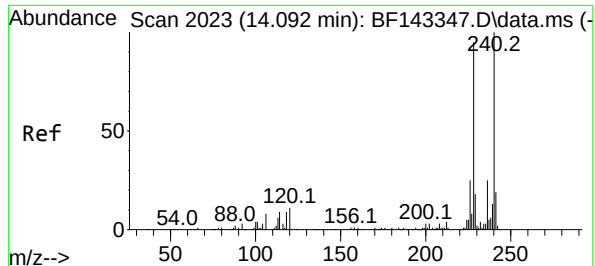
Tgt Ion:149 Resp: 1398975
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.0
104 4.9 3.8 5.8



#75
Fluoranthene
Concen: 68.634 ng
RT: 12.668 min Scan# 1781
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:202 Resp: 1470742
Ion Ratio Lower Upper
202 100
101 12.5 0.0 33.2
203 17.9 0.0 37.6

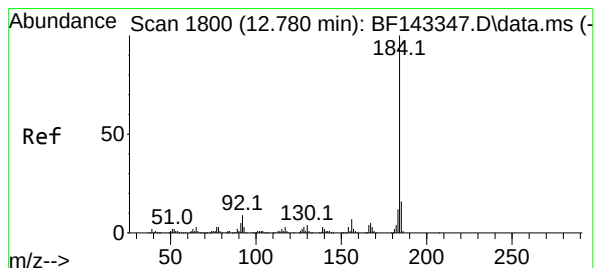
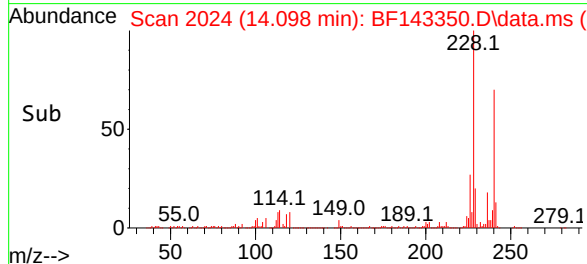
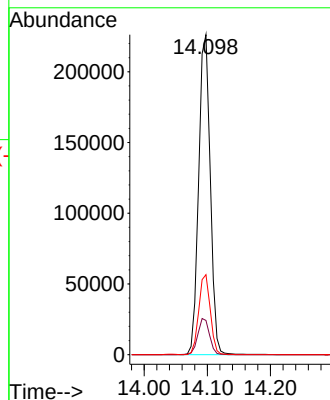
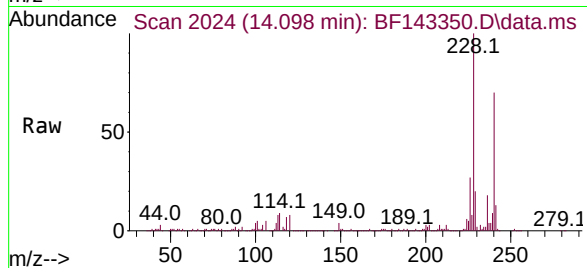




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

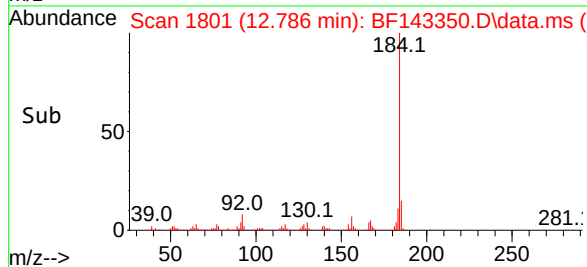
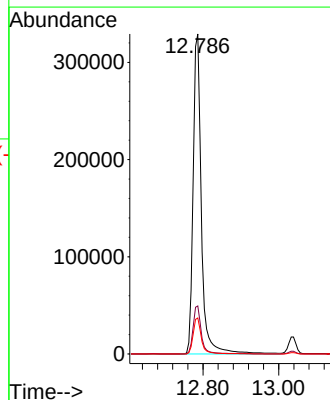
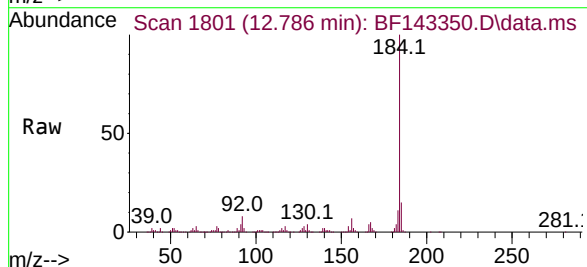
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

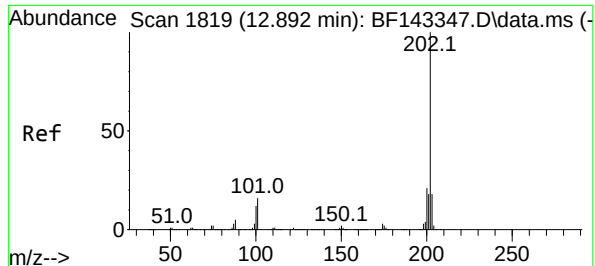
Tgt Ion:240 Resp: 287871
Ion Ratio Lower Upper
240 100
120 10.7 9.0 13.6
236 25.0 19.9 29.9



#77
Benzidine
Concen: 63.571 ng
RT: 12.786 min Scan# 1801
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:184 Resp: 500314
Ion Ratio Lower Upper
184 100
185 15.0 12.8 19.2
183 11.2 9.3 13.9

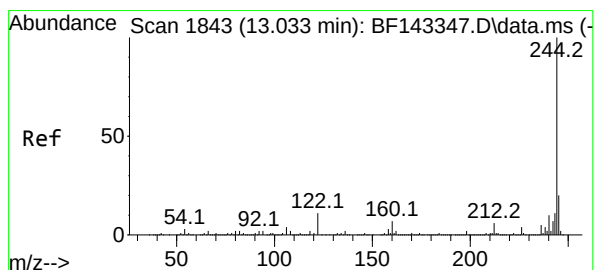
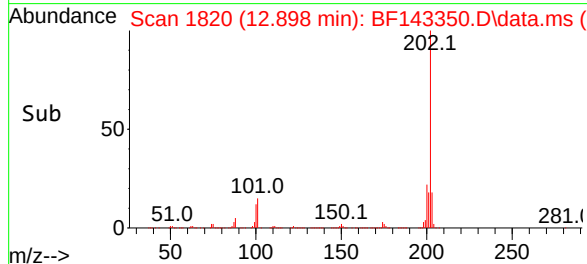
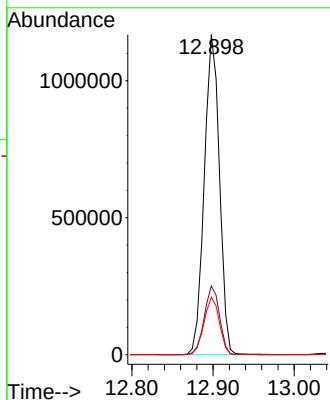
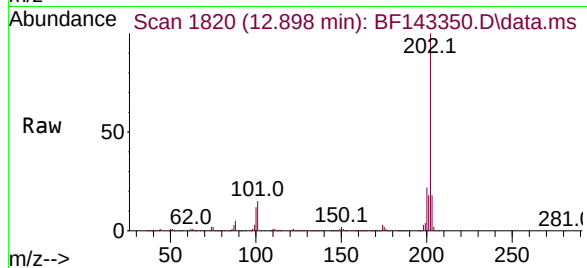




#78
Pyrene
Concen: 62.684 ng
RT: 12.898 min Scan# 1819
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

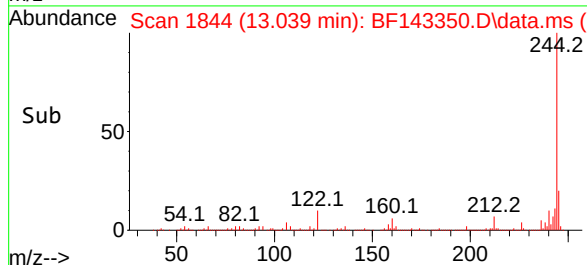
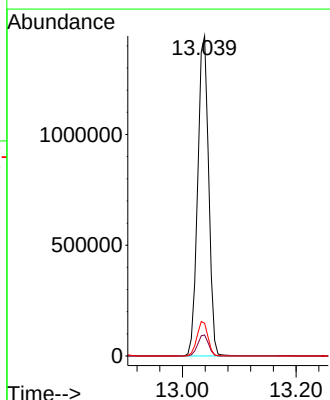
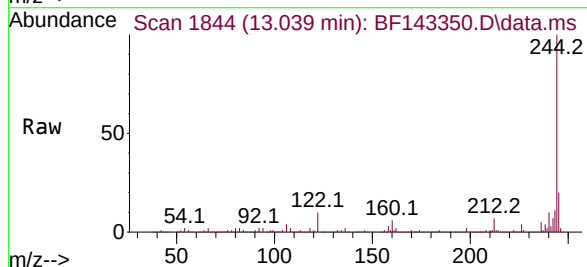
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

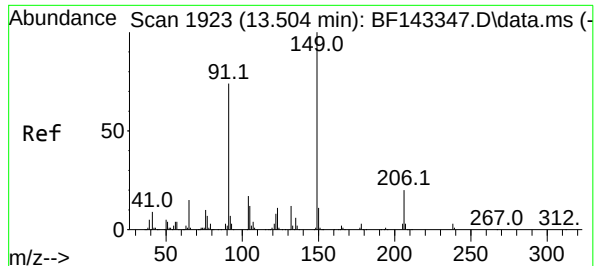
Tgt Ion:202 Resp: 1513789
Ion Ratio Lower Upper
202 100
200 21.5 16.8 25.2
203 18.0 14.2 21.4



#79
Terphenyl-d14
Concen: 120.053 ng
RT: 13.039 min Scan# 1844
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:244 Resp: 1935761
Ion Ratio Lower Upper
244 100
212 6.6 5.1 7.7
122 10.2 8.9 13.3

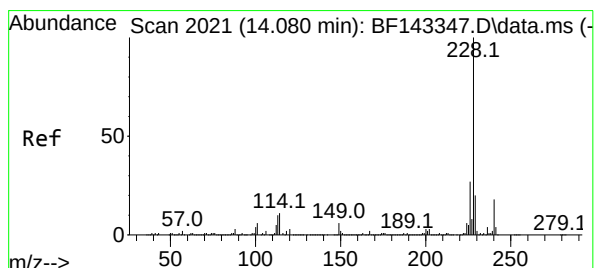
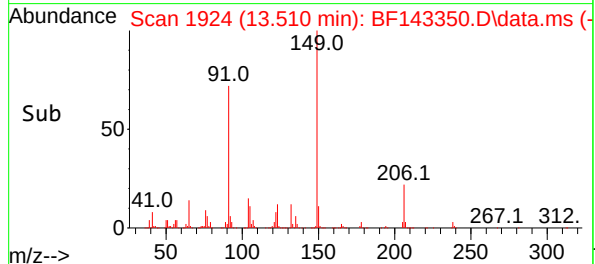
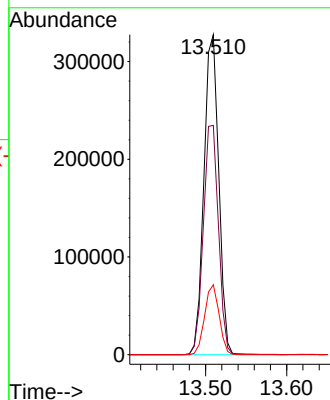
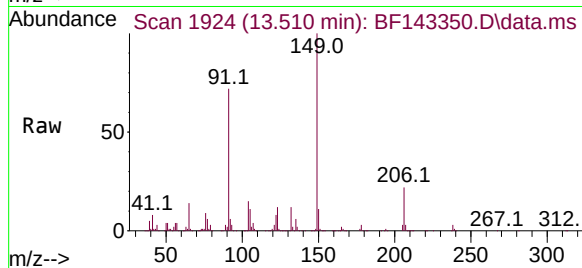




#80
Butylbenzylphthalate
Concen: 84.007 ng
RT: 13.510 min Scan# 1923
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

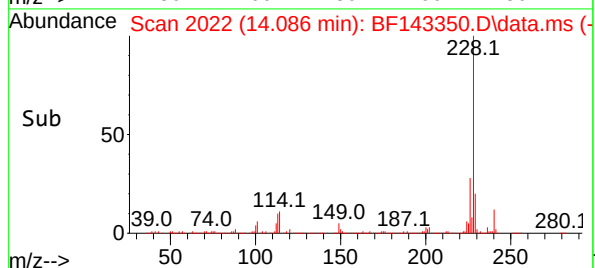
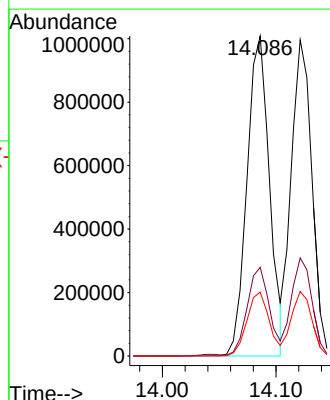
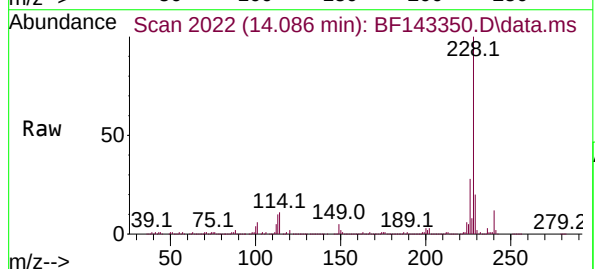
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

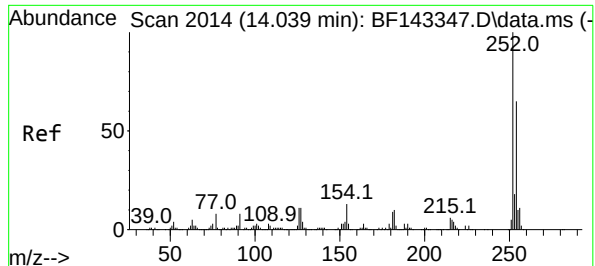
Tgt Ion:149 Resp: 413801
Ion Ratio Lower Upper
149 100
91 71.6 58.8 88.2
206 21.9 16.4 24.6



#81
Benzo(a)anthracene
Concen: 75.847 ng
RT: 14.086 min Scan# 2022
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:228 Resp: 1387766
Ion Ratio Lower Upper
228 100
226 27.7 22.0 33.0
229 19.9 15.8 23.8





#82

3,3'-Dichlorobenzidine

Concen: 83.540 ng

RT: 14.045 min Scan# 2014

Delta R.T. 0.006 min

Lab File: BF143350.D

Acq: 12 Aug 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

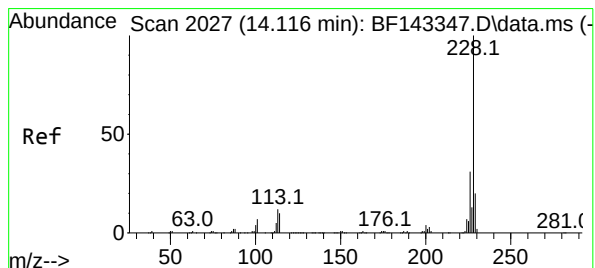
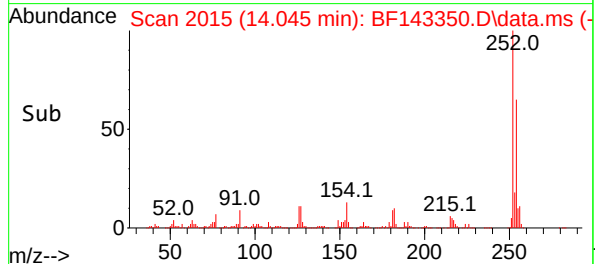
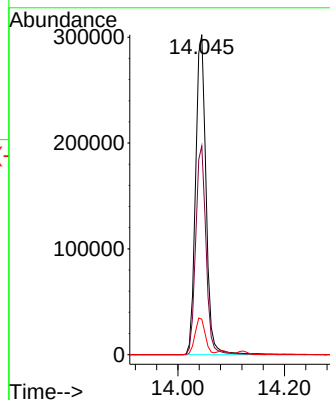
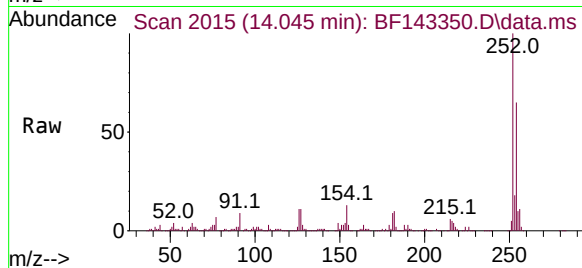
Tgt Ion:252 Resp: 412736

Ion Ratio Lower Upper

252 100

254 65.2 51.7 77.5

126 11.1 9.2 13.8



#83

Chrysene

Concen: 74.077 ng

RT: 14.121 min Scan# 2028

Delta R.T. 0.006 min

Lab File: BF143350.D

Acq: 12 Aug 2025 12:38

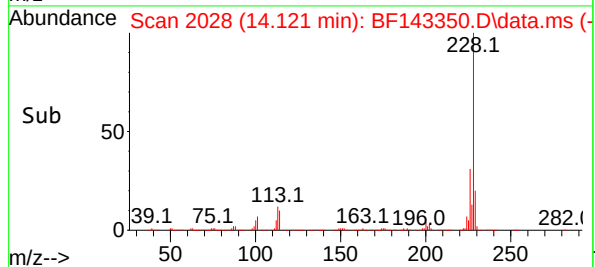
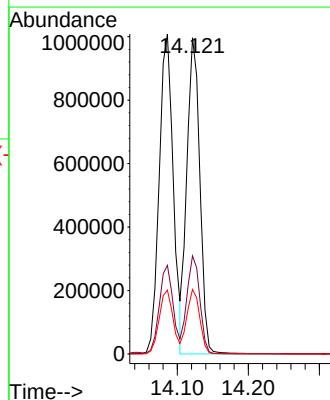
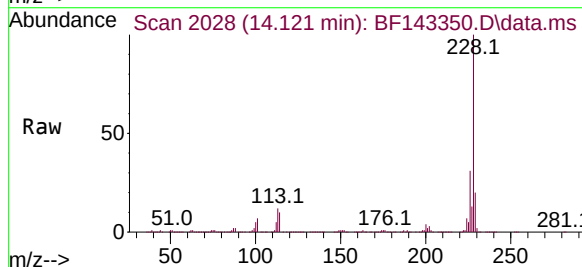
Tgt Ion:228 Resp: 1263816

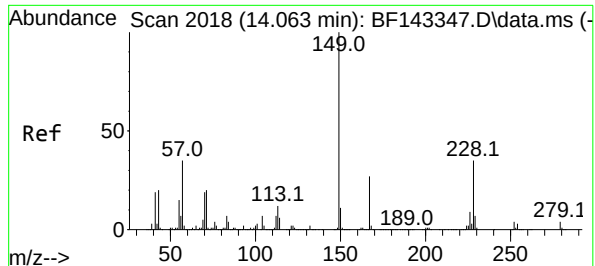
Ion Ratio Lower Upper

228 100

226 31.0 24.2 36.2

229 20.4 15.8 23.6

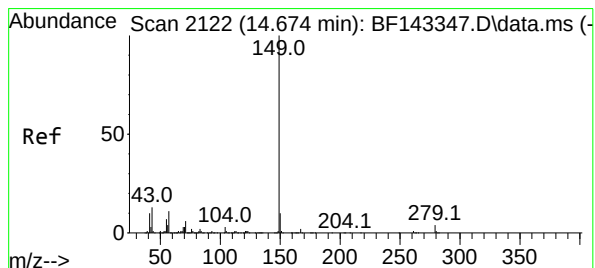
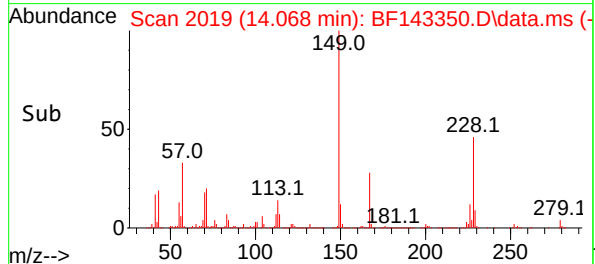
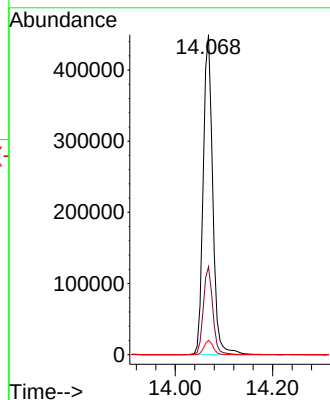
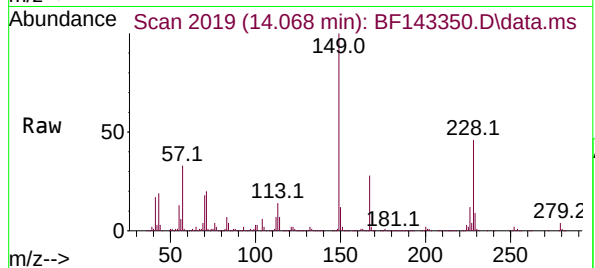




#84
Bis(2-ethylhexyl)phthalate
Concen: 83.803 ng
RT: 14.068 min Scan# 2018
Delta R.T. 0.005 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

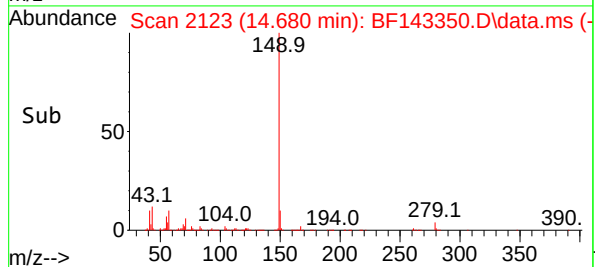
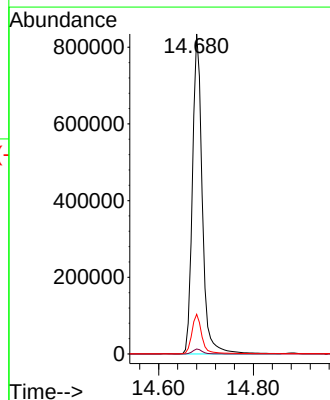
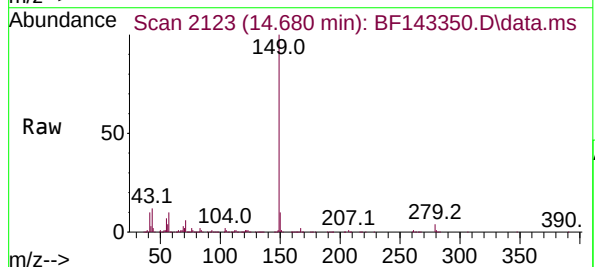
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

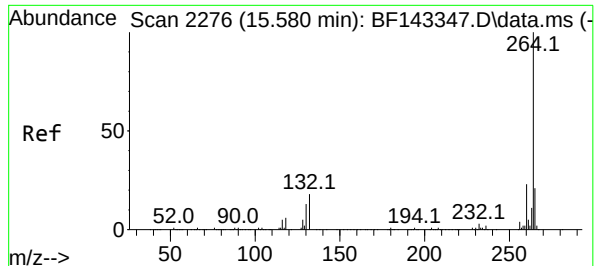
Tgt Ion:149 Resp: 611031
Ion Ratio Lower Upper
149 100
167 27.5 21.4 32.0
279 4.5 3.2 4.8



#85
Di-n-octyl phthalate
Concen: 81.478 ng
RT: 14.680 min Scan# 2123
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

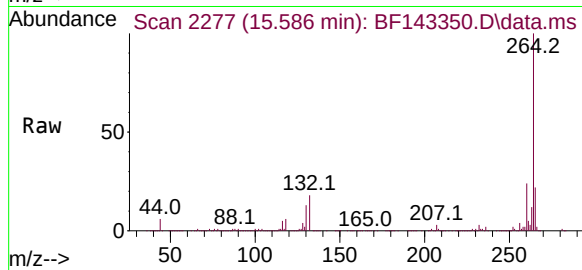
Tgt Ion:149 Resp: 1205873
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 12.6 10.8 16.2



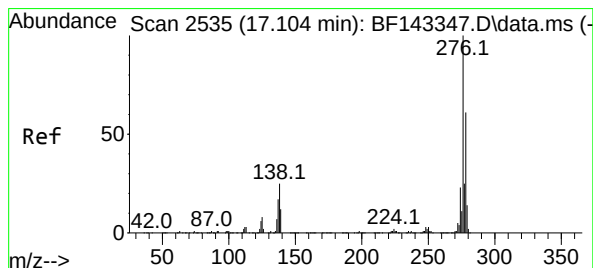
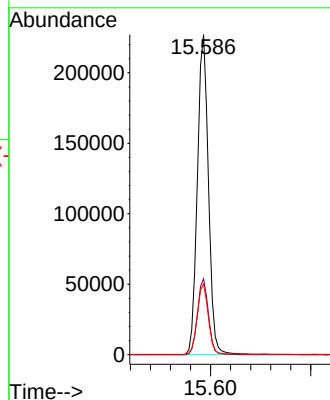
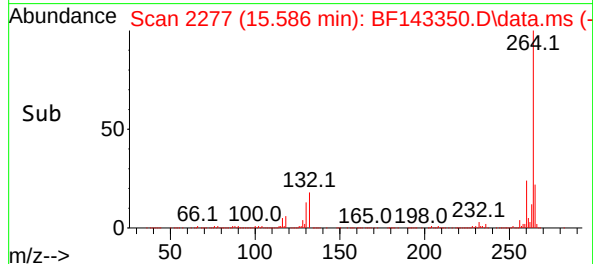


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.586 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

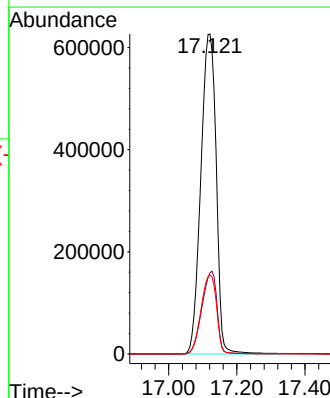
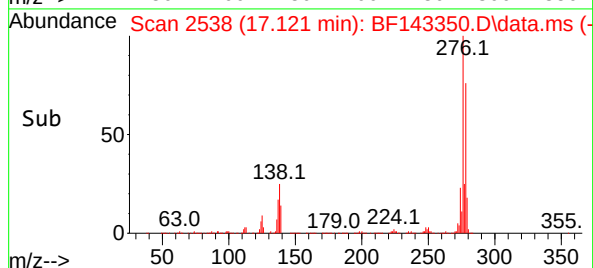
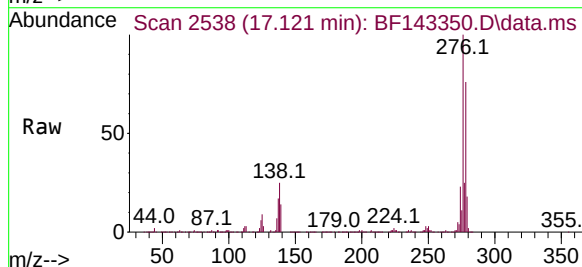


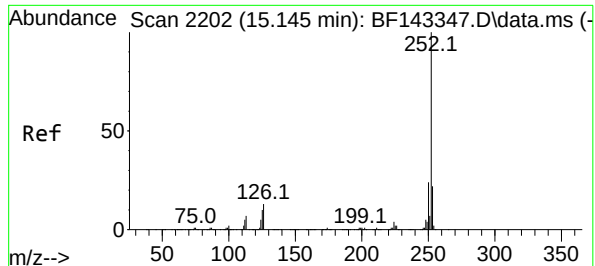
Tgt Ion:264 Resp: 348017
Ion Ratio Lower Upper
264 100
260 23.7 18.7 28.1
265 22.0 17.2 25.8



#87
Indeno(1,2,3-cd)pyrene
Concen: 78.760 ng
RT: 17.121 min Scan# 2538
Delta R.T. 0.017 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:276 Resp: 1963736
Ion Ratio Lower Upper
276 100
138 25.3 21.1 31.7
277 24.9 20.2 30.2





#88

Benzo(b)fluoranthene

Concen: 77.108 ng

RT: 15.151 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF143350.D

Acq: 12 Aug 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

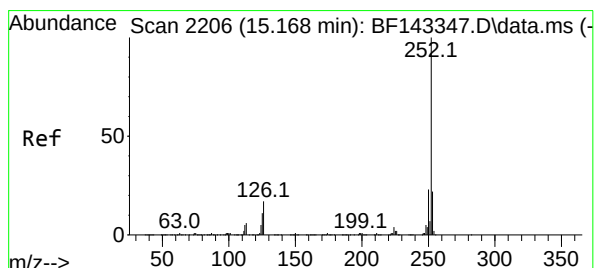
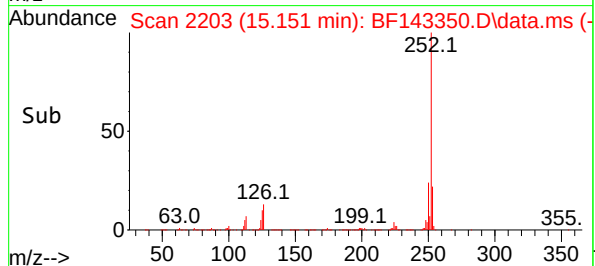
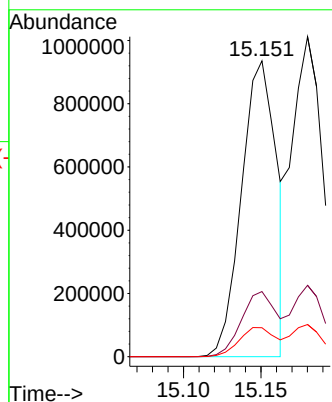
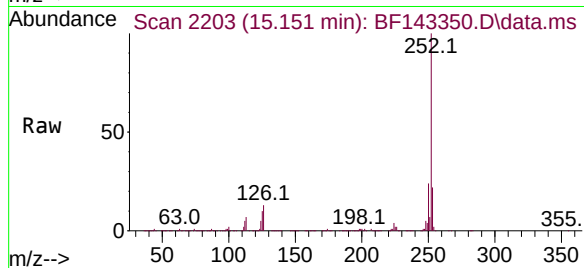
Tgt Ion:252 Resp: 1467752

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

125 9.8 7.8 11.6



#89

Benzo(k)fluoranthene

Concen: 77.299 ng

RT: 15.180 min Scan# 2208

Delta R.T. 0.012 min

Lab File: BF143350.D

Acq: 12 Aug 2025 12:38

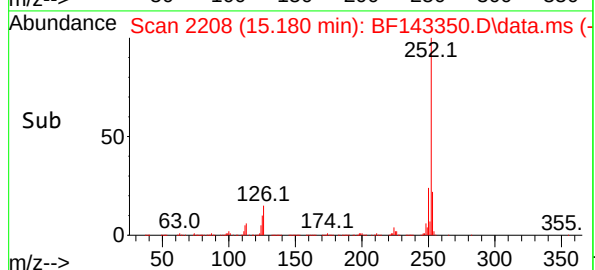
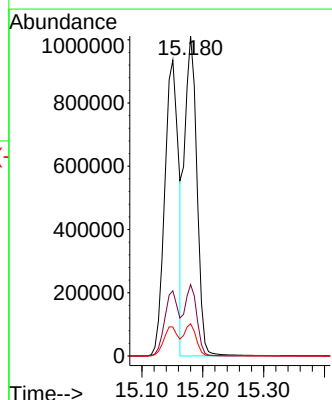
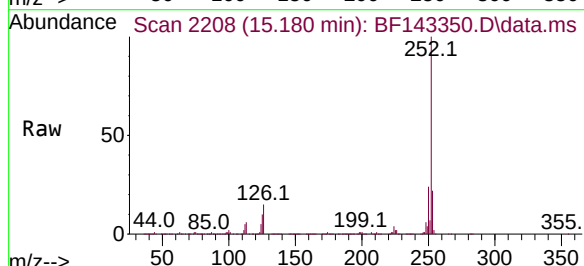
Tgt Ion:252 Resp: 1429731

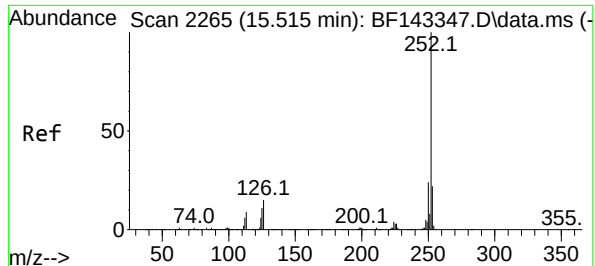
Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 10.0 8.4 12.6

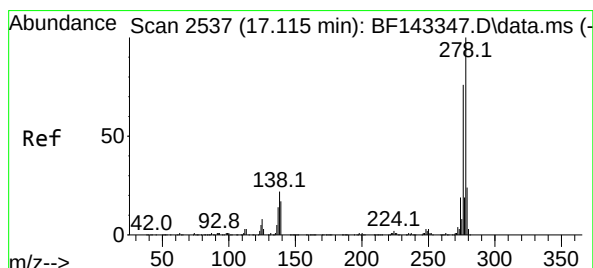
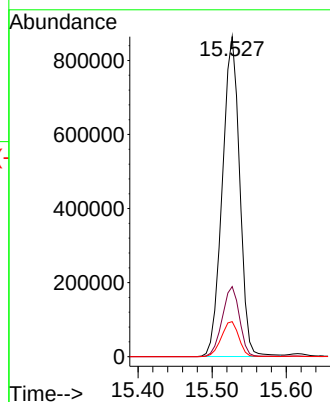
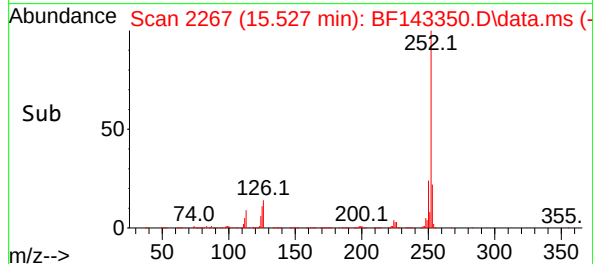
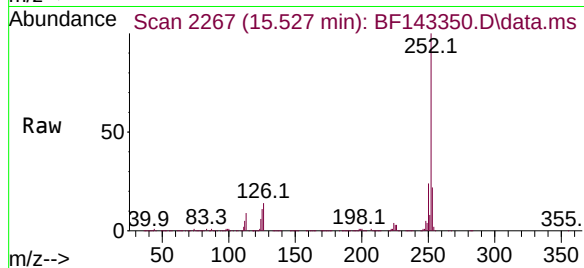




#90
Benzo(a)pyrene
Concen: 78.270 ng
RT: 15.527 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

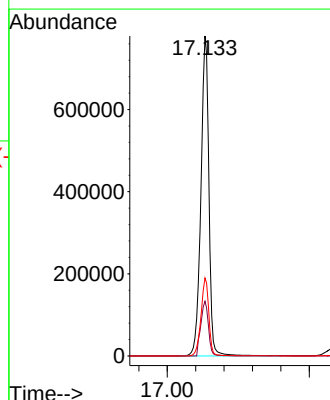
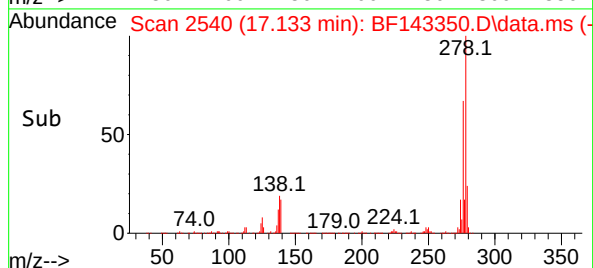
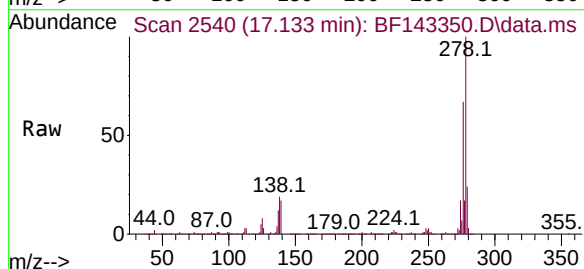
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

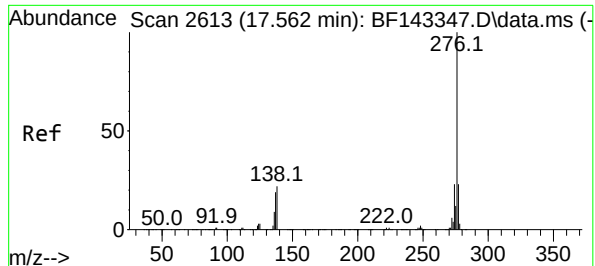
Tgt Ion:252 Resp: 1403212
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 11.0 9.1 13.7



#91
Dibenzo(a,h)anthracene
Concen: 76.479 ng
RT: 17.133 min Scan# 2540
Delta R.T. 0.017 min
Lab File: BF143350.D
Acq: 12 Aug 2025 12:38

Tgt Ion:278 Resp: 1523387
Ion Ratio Lower Upper
278 100
139 17.1 14.0 21.0
279 24.3 19.4 29.0





#92

Benzo(g,h,i)perylene

Concen: 77.932 ng

RT: 17.580 min Scan# 20

Delta R.T. 0.017 min

Lab File: BF143350.D

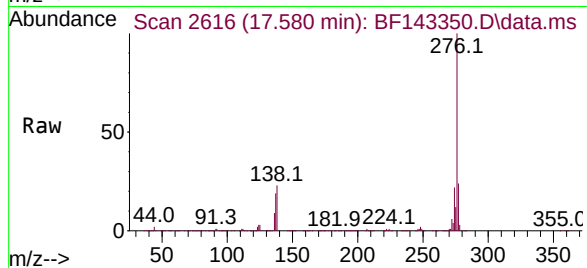
Acq: 12 Aug 2025 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



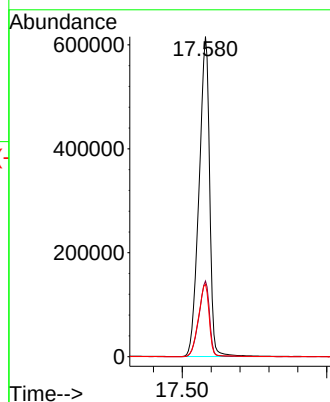
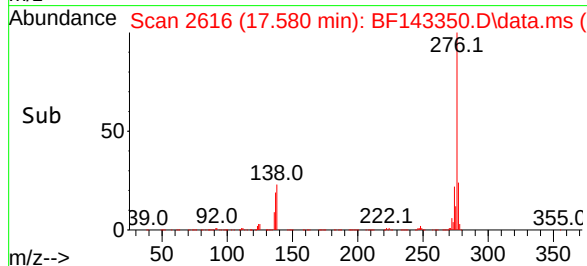
Tgt Ion:276 Resp: 1563773

Ion Ratio Lower Upper

276 100

277 23.7 18.7 28.1

138 22.6 17.8 26.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
 Data File : BF143351.D
 Acq On : 12 Aug 2025 13:52
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081225

Quant Time: Aug 12 14:13:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 12 13:25:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	162839	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	633786	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	340813	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	507289	20.000	ng	0.00
76) Chrysene-d12	14.092	240	280276	20.000	ng	0.00
86) Perylene-d12	15.580	264	324835	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	726544	77.155	ng	0.00
7) Phenol-d6	6.557	99	917587	75.986	ng	0.00
23) Nitrobenzene-d5	7.487	82	846400	83.164	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	211383	84.868	ng	0.00
45) 2-Fluorobiphenyl	9.287	172	1489585	74.116	ng	0.00
79) Terphenyl-d14	13.033	244	1227991	78.222	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.758	88	181552	37.259	ng	100
3) Pyridine	3.534	79	503048	38.741	ng	98
4) n-Nitrosodimethylamine	3.469	42	250430	41.403	ng	99
6) Aniline	6.593	93	691138	40.597	ng	98
8) 2-Chlorophenol	6.716	128	412875	41.033	ng	99
9) Benzaldehyde	6.481	77	322014	40.346	ng	99
10) Phenol	6.575	94	575912	40.258	ng	100
11) bis(2-Chloroethyl)ether	6.663	93	411435	39.024	ng	99
12) 1,3-Dichlorobenzene	6.875	146	462064	39.813	ng	99
13) 1,4-Dichlorobenzene	6.946	146	467795	40.160	ng	99
14) 1,2-Dichlorobenzene	7.098	146	446591	40.389	ng	99
15) Benzyl Alcohol	7.069	79	366386	42.327	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.204	45	748899	39.787	ng	96
17) 2-Methylphenol	7.181	107	347573	40.922	ng	99
18) Hexachloroethane	7.445	117	154629	42.342	ng	98
19) n-Nitroso-di-n-propyla...	7.340	70	298013	39.940	ng	99
20) 3+4-Methylphenols	7.334	107	422225	41.105	ng	97
22) Acetophenone	7.334	105	558359	39.985	ng	98
24) Nitrobenzene	7.510	77	452284	40.919	ng	99
25) Isophorone	7.745	82	825406	39.728	ng	98
26) 2-Nitrophenol	7.828	139	190171	43.318	ng	99
27) 2,4-Dimethylphenol	7.863	122	384805	44.394	ng	100
28) bis(2-Chloroethoxy)met...	7.951	93	503776	39.714	ng	100
29) 2,4-Dichlorophenol	8.069	162	349559	41.289	ng	98
30) 1,2,4-Trichlorobenzene	8.151	180	366302	41.017	ng	100
31) Naphthalene	8.234	128	1170219	38.372	ng	100
32) Benzoic acid	7.969	122	157226	43.285	ng	99
33) 4-Chloroaniline	8.275	127	490782	44.618	ng	98
34) Hexachlorobutadiene	8.351	225	218687	39.366	ng	99
35) Caprolactam	8.640	113	99702	41.892	ng	95
36) 4-Chloro-3-methylphenol	8.757	107	361383	40.717	ng	99
37) 2-Methylnaphthalene	8.922	142	707136	35.270	ng	100
38) 1-Methylnaphthalene	9.022	142	733181	37.970	ng	100
40) 1,2,4,5-Tetrachloroben...	9.092	216	365752	39.218	ng	100
41) Hexachlorocyclopentadiene	9.081	237	161472	51.644	ng	100
43) 2,4,6-Trichlorophenol	9.204	196	226704	42.843	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
 Data File : BF143351.D
 Acq On : 12 Aug 2025 13:52
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081225

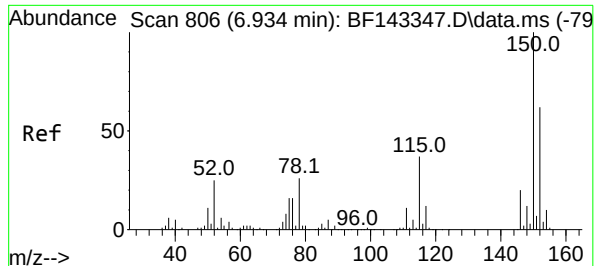
Quant Time: Aug 12 14:13:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 12 13:25:39 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	246815	41.305	ng	99
46) 1,1'-Biphenyl	9.387	154	935277	38.812	ng	100
47) 2-Chloronaphthalene	9.410	162	722952	38.093	ng	99
48) 2-Nitroaniline	9.504	65	228854	42.167	ng	100
49) Acenaphthylene	9.828	152	1164992	42.507	ng	100
50) Dimethylphthalate	9.681	163	799080	40.126	ng	99
51) 2,6-Dinitrotoluene	9.745	165	168880	45.012	ng	94
52) Acenaphthene	10.004	154	690443	37.893	ng	99
53) 3-Nitroaniline	9.916	138	194097	47.593	ng	97
54) 2,4-Dinitrophenol	10.022	184	56042	45.910	ng	98
55) Dibenzofuran	10.175	168	1013581	38.652	ng	99
56) 4-Nitrophenol	10.075	139	124501	41.060	ng	97
57) 2,4-Dinitrotoluene	10.145	165	215795	43.458	ng	98
58) Fluorene	10.516	166	761581	38.022	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.292	232	201768	50.091	ng	98
60) Diethylphthalate	10.381	149	719164	40.317	ng	100
61) 4-Chlorophenyl-phenyle...	10.504	204	368971	38.123	ng	99
62) 4-Nitroaniline	10.522	138	174863	44.317	ng	99
63) Azobenzene	10.663	77	809295	39.721	ng	99
65) 4,6-Dinitro-2-methylph...	10.557	198	87717	43.535	ng	97
66) n-Nitrosodiphenylamine	10.622	169	659263	39.468	ng	99
67) 4-Bromophenyl-phenylether	10.992	248	228971	39.466	ng	99
68) Hexachlorobenzene	11.069	284	240521	38.460	ng	99
69) Atrazine	11.145	200	178347	40.936	ng	99
70) Pentachlorophenol	11.263	266	108593	38.771	ng	96
71) Phenanthrene	11.475	178	1060892	38.330	ng	100
72) Anthracene	11.528	178	1090047	38.834	ng	99
73) Carbazole	11.681	167	929366	38.877	ng	99
74) Di-n-butylphthalate	12.010	149	871054	43.060	ng	100
75) Fluoranthene	12.663	202	910203	37.543	ng	99
77) Benzidine	12.780	184	336170	43.872	ng	99
78) Pyrene	12.892	202	924712	39.329	ng	100
80) Butylbenzylphthalate	13.504	149	188120	41.012	ng	99
81) Benzo(a)anthracene	14.080	228	693960	38.956	ng	100
82) 3,3'-Dichlorobenzidine	14.039	252	222482	46.252	ng	99
83) Chrysene	14.116	228	639568	38.503	ng	100
84) Bis(2-ethylhexyl)phtha...	14.063	149	285665	42.315	ng	100
85) Di-n-octyl phthalate	14.674	149	563193	42.219	ng	98
87) Indeno(1,2,3-cd)pyrene	17.098	276	934056	40.136	ng	100
88) Benzo(b)fluoranthene	15.139	252	725882	40.856	ng	99
89) Benzo(k)fluoranthene	15.169	252	639883	37.064	ng	100
90) Benzo(a)pyrene	15.516	252	686526	41.027	ng	99
91) Dibenzo(a,h)anthracene	17.115	278	757376	40.736	ng	99
92) Benzo(g,h,i)perylene	17.557	276	767923	41.001	ng	99

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

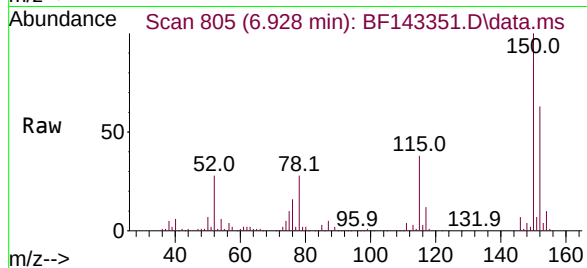
Instrument :
BNA_F
ClientSampleId :
ICVBF081225

[illegible]

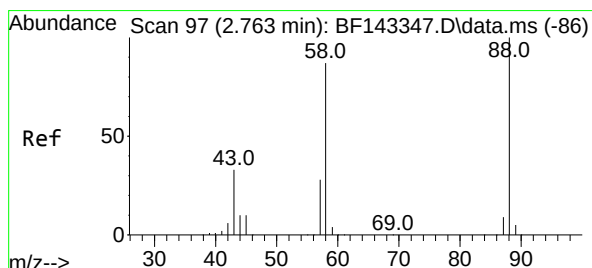
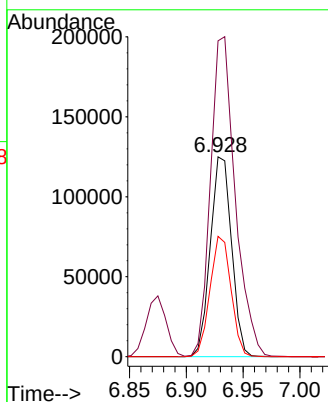
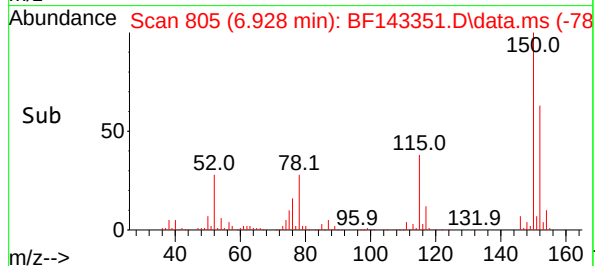


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Instrument :
BNA_F
ClientSampleId :
ICVBF081225

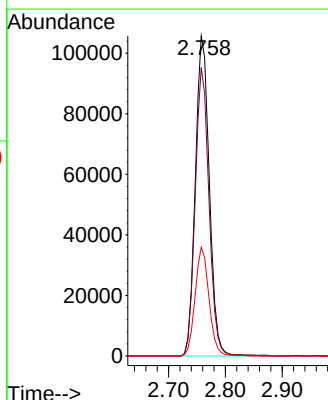
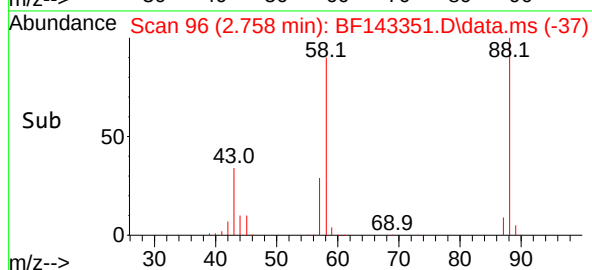
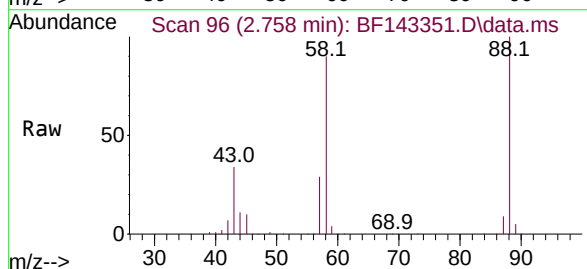


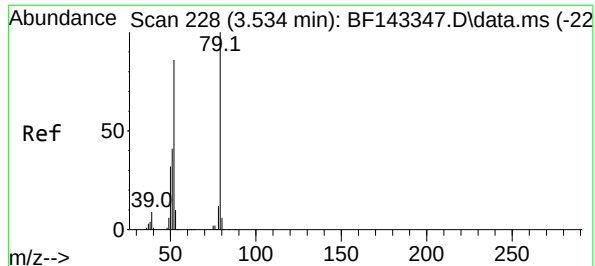
Tgt Ion:152 Resp: 162839
Ion Ratio Lower Upper
152 100
150 158.0 129.8 194.8
115 60.2 47.8 71.8



#2
1,4-Dioxane
Concen: 37.259 ng
RT: 2.758 min Scan# 96
Delta R.T. -0.006 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion: 88 Resp: 181552
Ion Ratio Lower Upper
88 100
58 88.6 71.0 106.6
43 33.7 27.0 40.6





#3

Pyridine

Concen: 38.741 ng

RT: 3.534 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF143351.D

Acq: 12 Aug 2025 13:52

Instrument :

BNA_F

ClientSampleId :

ICVBF081225

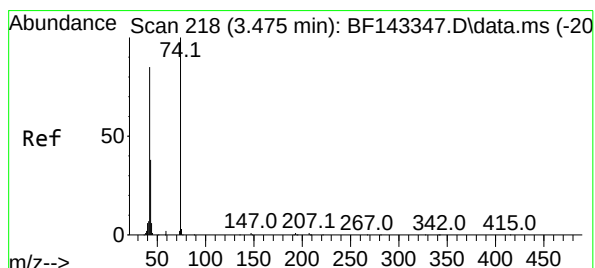
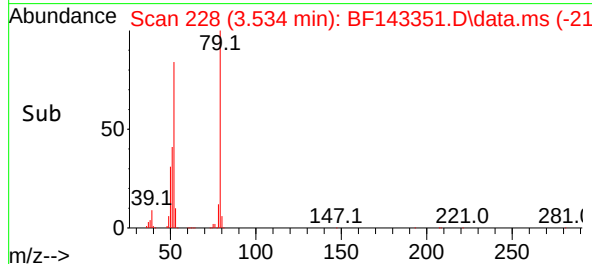
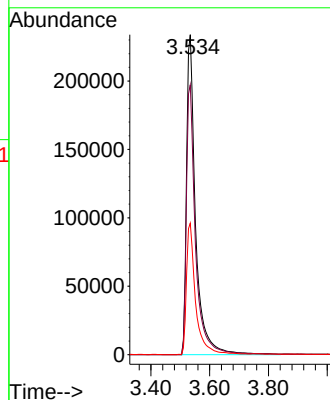
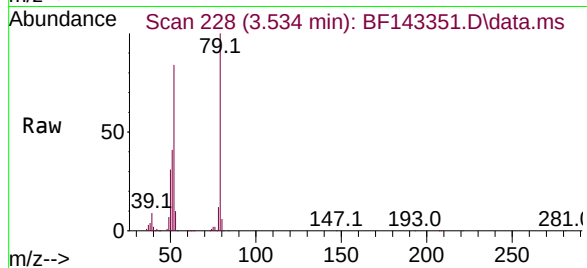
Tgt Ion: 79 Resp: 503048

Ion Ratio Lower Upper

79 100

52 84.3 68.7 103.1

51 41.1 33.4 50.0



#4

n-Nitrosodimethylamine

Concen: 41.403 ng

RT: 3.469 min Scan# 217

Delta R.T. -0.006 min

Lab File: BF143351.D

Acq: 12 Aug 2025 13:52

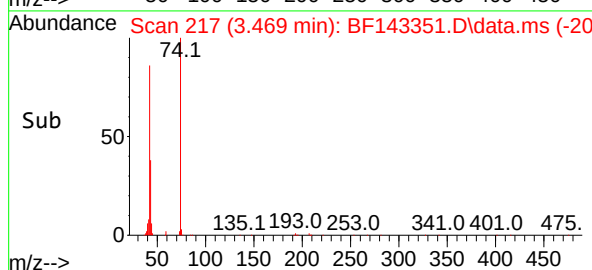
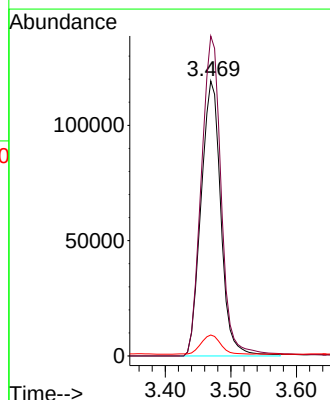
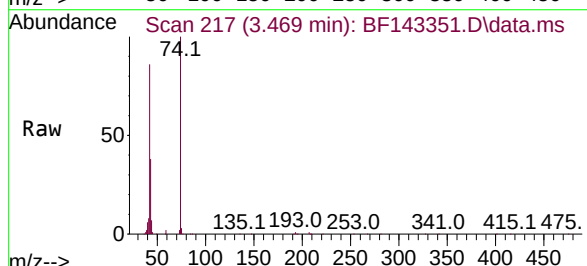
Tgt Ion: 42 Resp: 250430

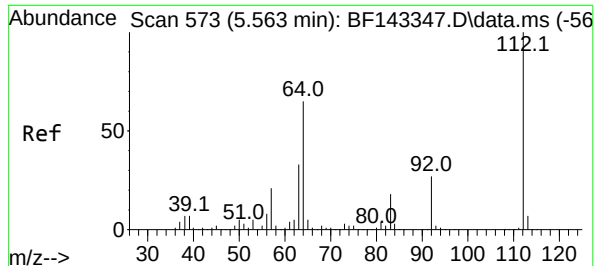
Ion Ratio Lower Upper

42 100

74 116.3 94.1 141.1

44 7.6 6.5 9.7

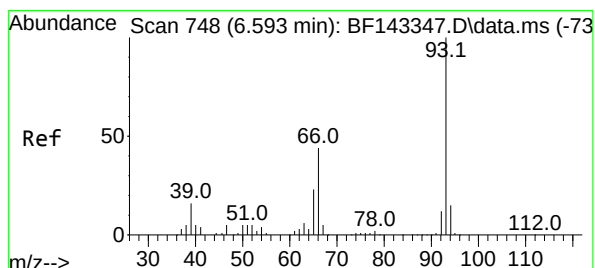
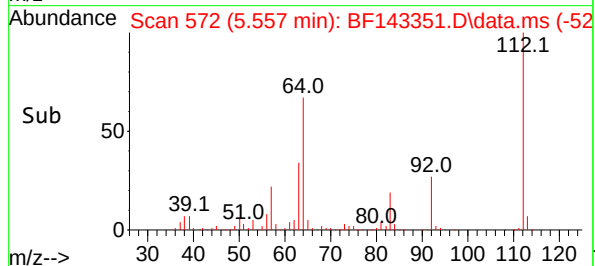
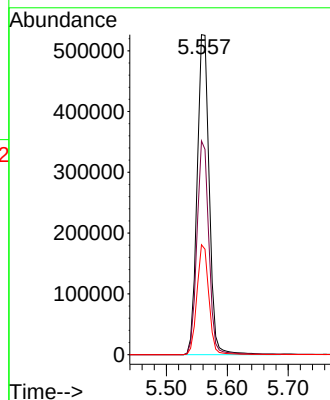
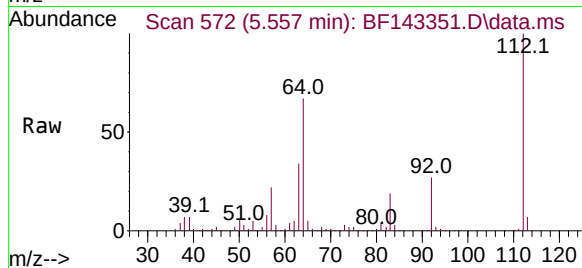




#5
2-Fluorophenol
Concen: 77.155 ng
RT: 5.557 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

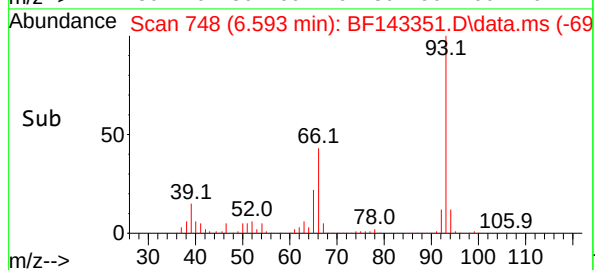
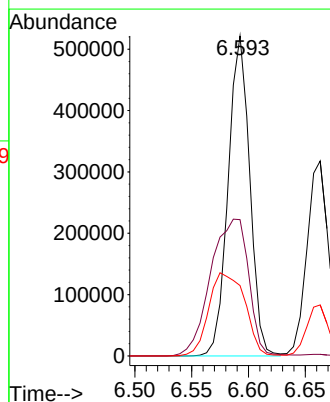
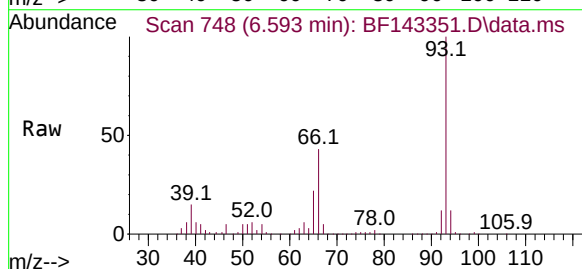
Instrument :
BNA_F
ClientSampleId :
ICVBF081225

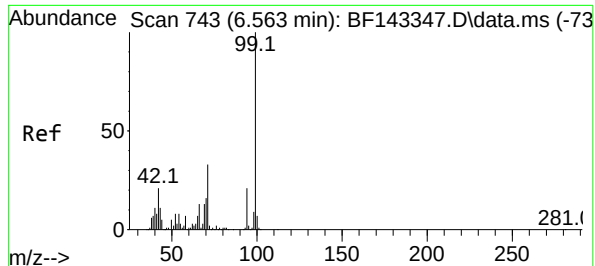
Tgt Ion:112 Resp: 726544
Ion Ratio Lower Upper
112 100
64 66.8 52.1 78.1
63 34.4 26.6 39.8



#6
Aniline
Concen: 40.597 ng
RT: 6.593 min Scan# 748
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion: 93 Resp: 691138
Ion Ratio Lower Upper
93 100
66 42.6 35.3 52.9
65 22.0 18.2 27.4

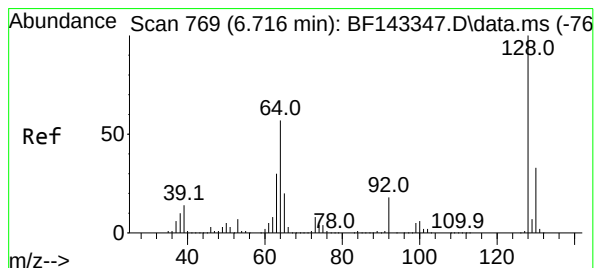
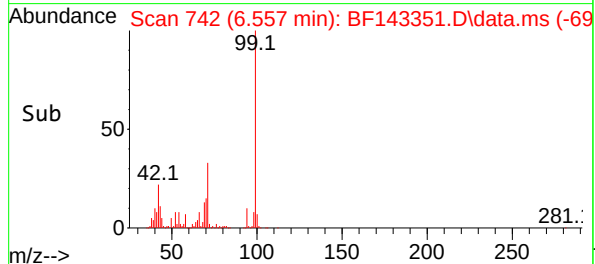
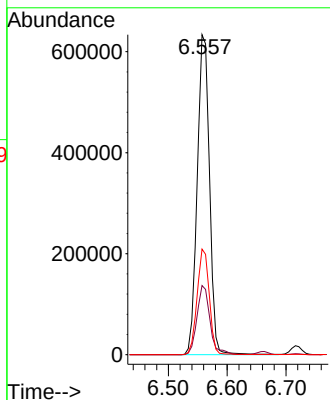
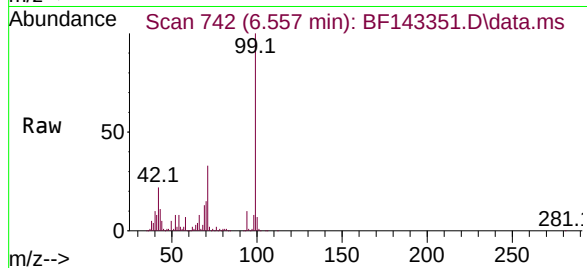




#7
Phenol-d6
Concen: 75.986 ng
RT: 6.557 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

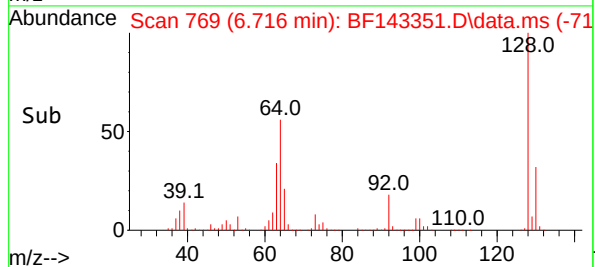
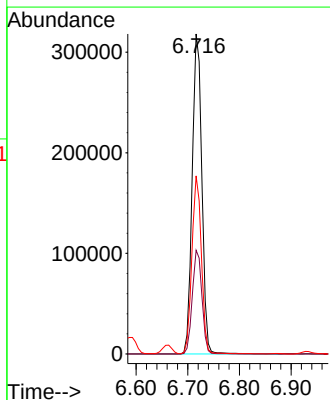
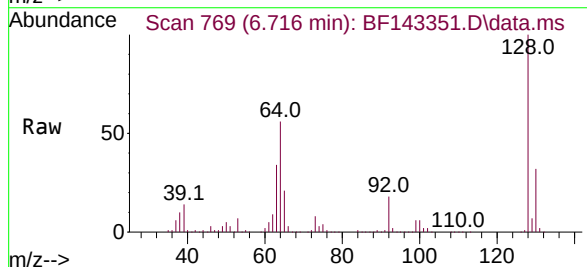
Instrument :
BNA_F
ClientSampleId :
ICVBF081225

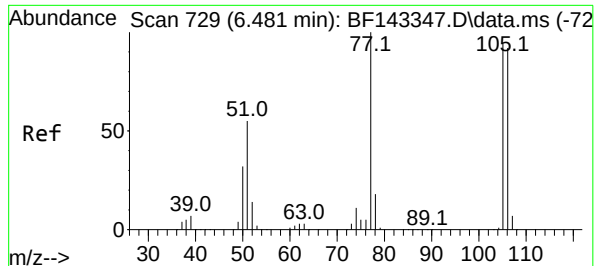
Tgt Ion: 99 Resp: 917587
Ion Ratio Lower Upper
99 100
42 21.6 16.6 25.0
71 33.0 26.2 39.2



#8
2-Chlorophenol
Concen: 41.033 ng
RT: 6.716 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion: 128 Resp: 412875
Ion Ratio Lower Upper
128 100
130 32.4 12.6 52.6
64 55.6 36.7 76.7





#9

Benzaldehyde

Concen: 40.346 ng

RT: 6.481 min Scan# 729

Delta R.T. -0.000 min

Lab File: BF143351.D

Acq: 12 Aug 2025 13:52

Instrument :

BNA_F

ClientSampleId :

ICVBF081225

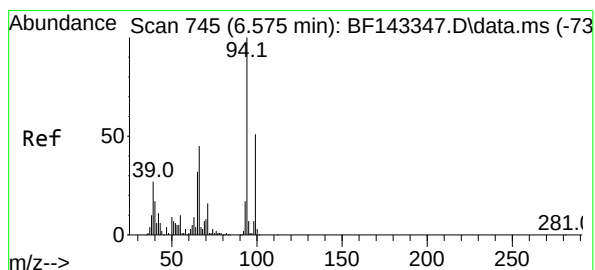
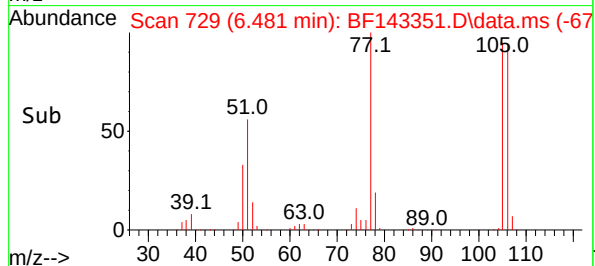
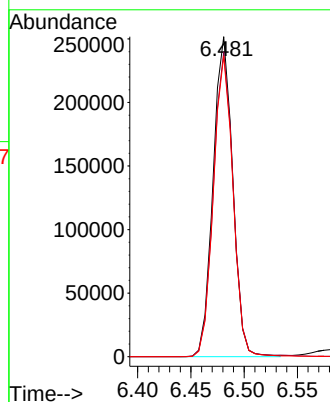
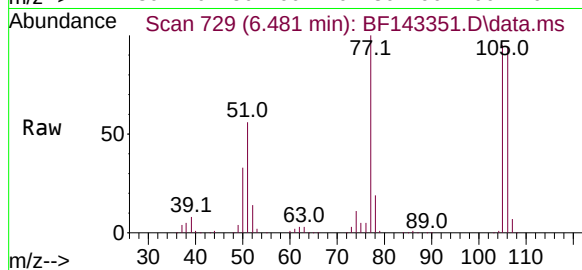
Tgt Ion: 77 Resp: 322014

Ion Ratio Lower Upper

77 100

105 95.2 74.2 114.2

106 94.0 72.2 112.2



#10

Phenol

Concen: 40.258 ng

RT: 6.575 min Scan# 745

Delta R.T. 0.000 min

Lab File: BF143351.D

Acq: 12 Aug 2025 13:52

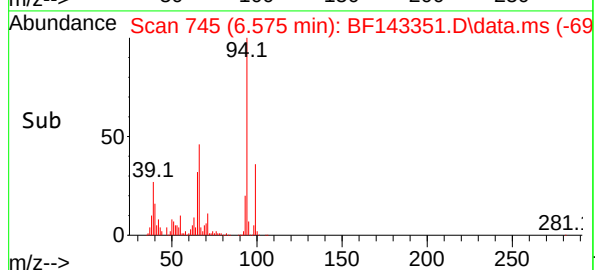
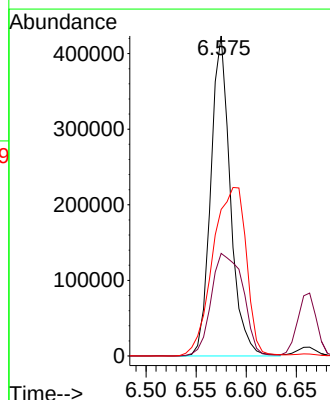
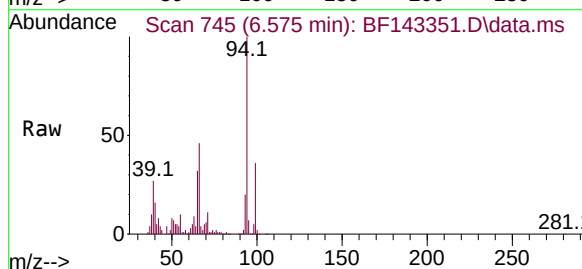
Tgt Ion: 94 Resp: 575912

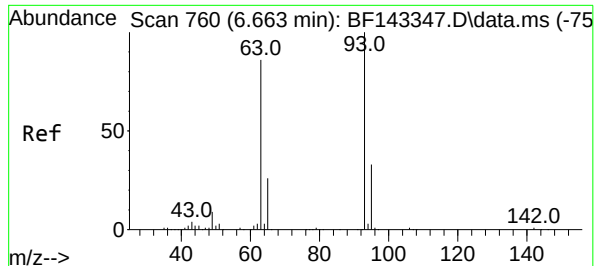
Ion Ratio Lower Upper

94 100

65 32.1 12.0 52.0

66 45.8 25.6 65.6

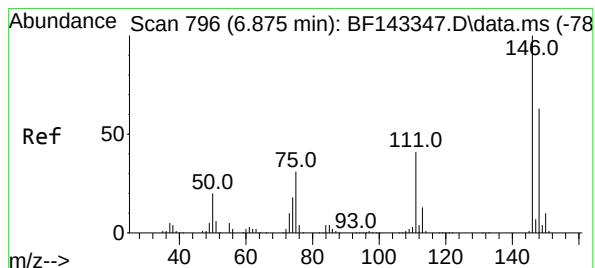
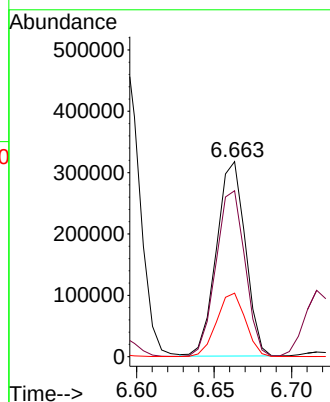
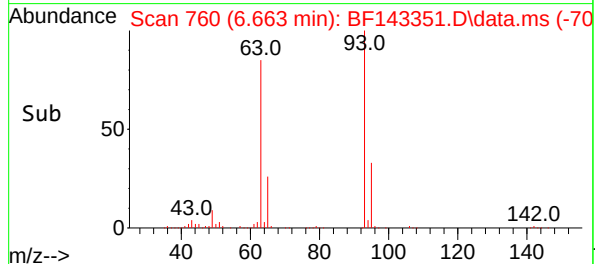
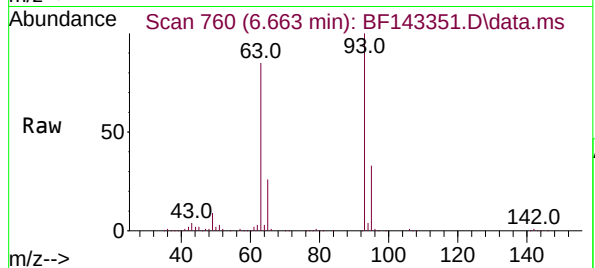




#11
bis(2-Chloroethyl)ether
Concen: 39.024 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

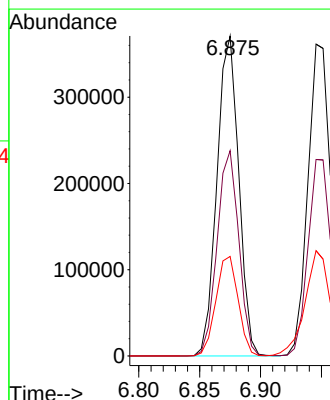
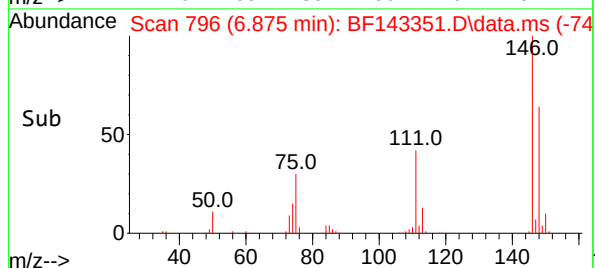
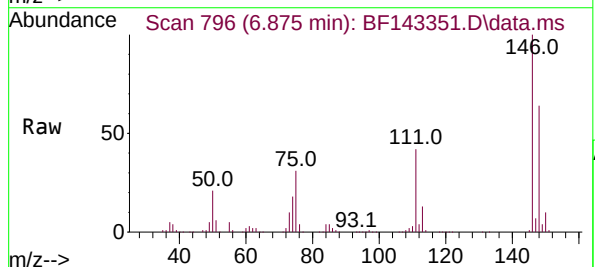
Instrument :
BNA_F
ClientSampleId :
ICVBF081225

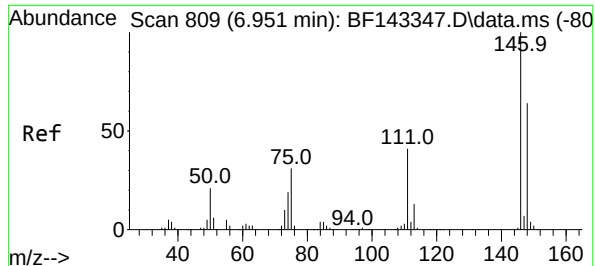
Tgt Ion: 93 Resp: 411435
Ion Ratio Lower Upper
93 100
63 85.1 65.7 105.7
95 32.6 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 39.813 ng
RT: 6.875 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion: 146 Resp: 462064
Ion Ratio Lower Upper
146 100
148 64.1 50.5 75.7
75 31.1 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 40.160 ng

RT: 6.946 min Scan# 809

Delta R.T. -0.006 min

Lab File: BF143351.D

Acq: 12 Aug 2025 13:52

Instrument :

BNA_F

ClientSampleId :

ICVBF081225

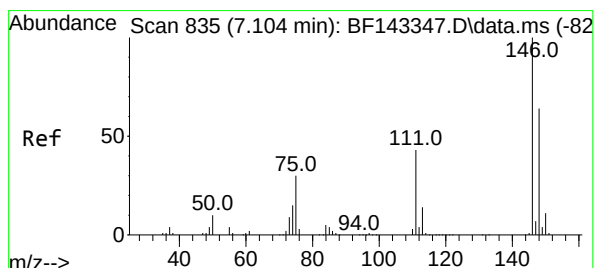
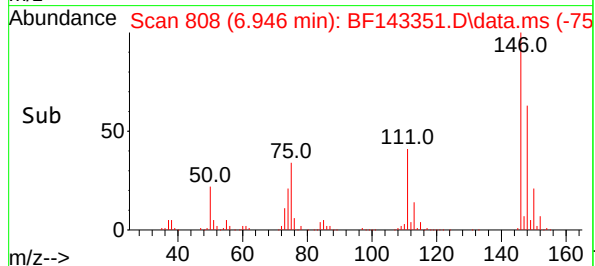
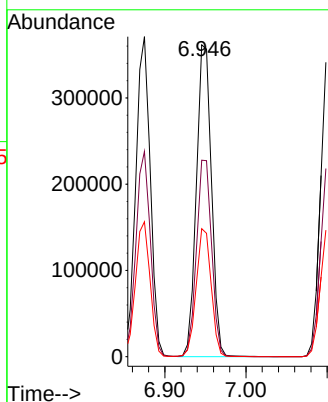
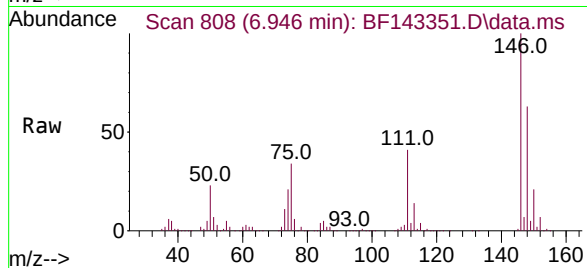
Tgt Ion:146 Resp: 467795

Ion Ratio Lower Upper

146 100

148 63.0 51.4 77.0

111 41.0 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 40.389 ng

RT: 7.098 min Scan# 834

Delta R.T. -0.006 min

Lab File: BF143351.D

Acq: 12 Aug 2025 13:52

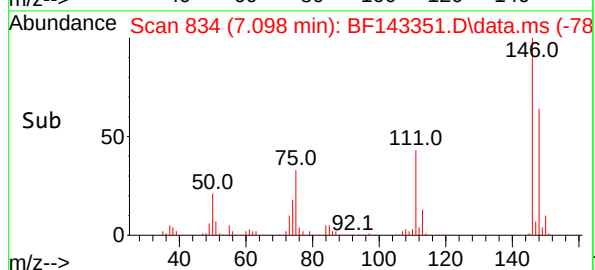
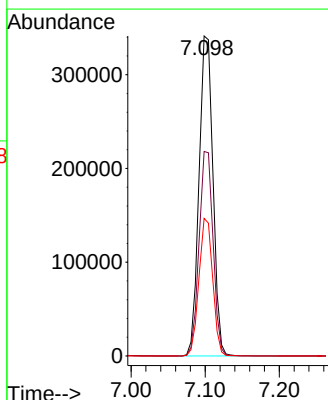
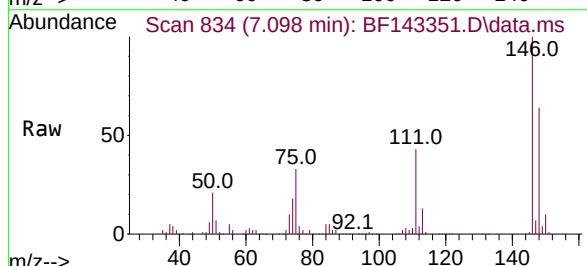
Tgt Ion:146 Resp: 446591

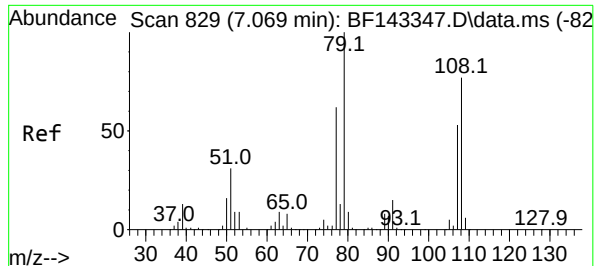
Ion Ratio Lower Upper

146 100

148 63.9 51.4 77.2

111 43.0 34.1 51.1





#15

Benzyl Alcohol

Concen: 42.327 ng

RT: 7.069 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF143351.D

Acq: 12 Aug 2025 13:52

Instrument :

BNA_F

ClientSampleId :

ICVBF081225

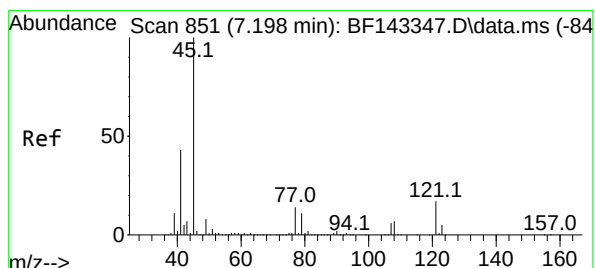
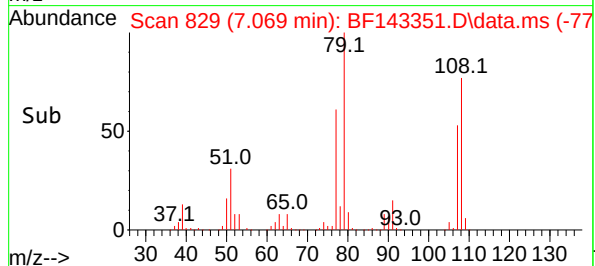
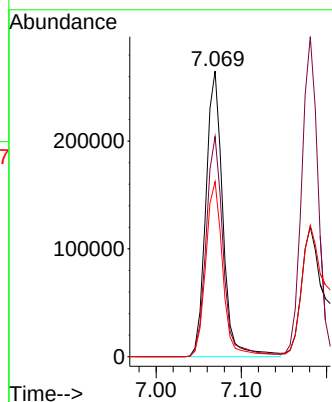
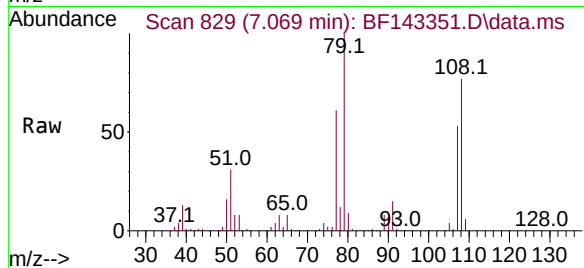
Tgt Ion: 79 Resp: 366386

Ion Ratio Lower Upper

79 100

108 77.1 61.5 92.3

77 61.3 49.8 74.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.787 ng

RT: 7.204 min Scan# 852

Delta R.T. 0.006 min

Lab File: BF143351.D

Acq: 12 Aug 2025 13:52

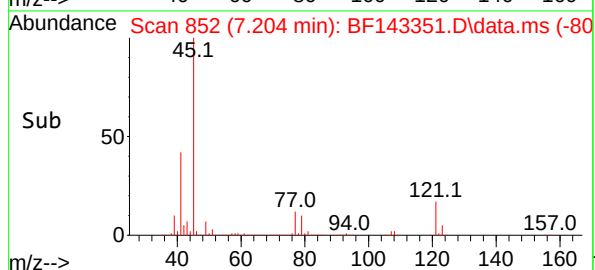
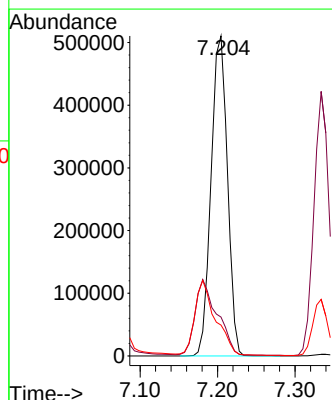
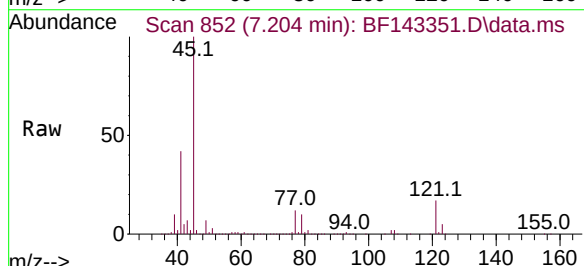
Tgt Ion: 45 Resp: 748899

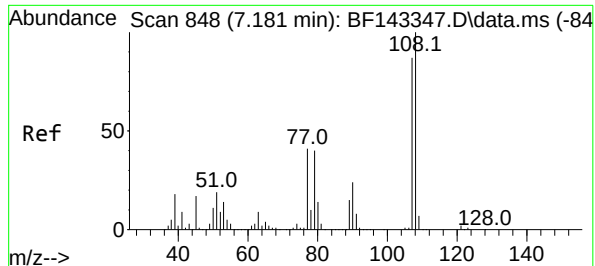
Ion Ratio Lower Upper

45 100

77 12.1 0.0 34.0

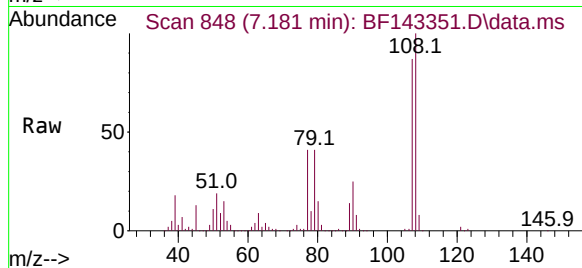
79 9.7 0.0 31.1



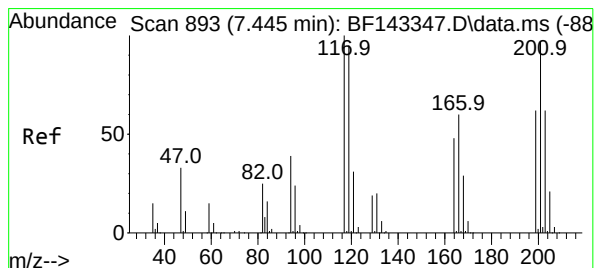
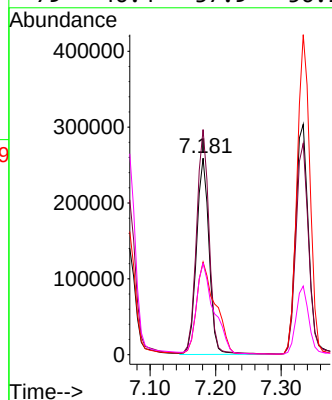
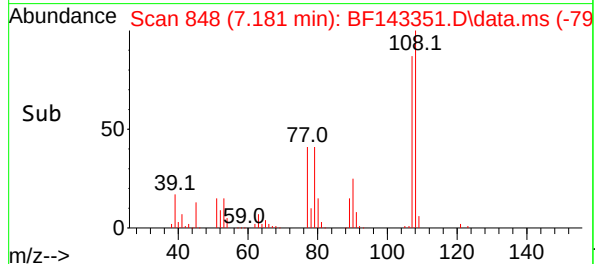


#17
2-Methylphenol
Concen: 40.922 ng
RT: 7.181 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Instrument :
BNA_F
ClientSampleId :
ICVBF081225

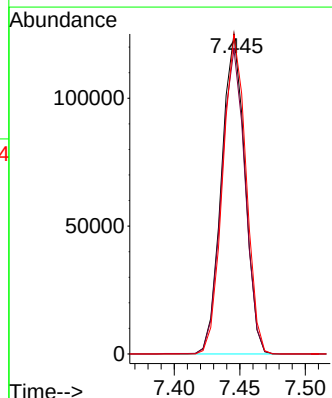
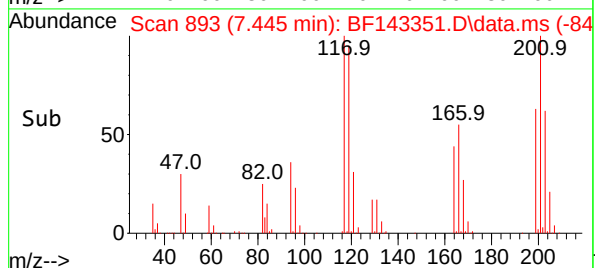
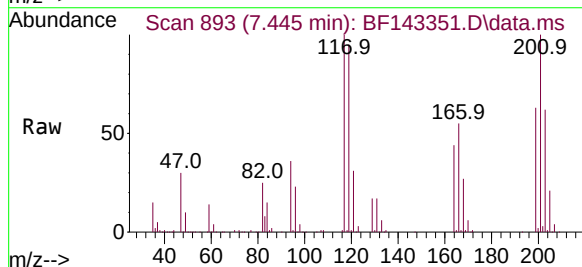


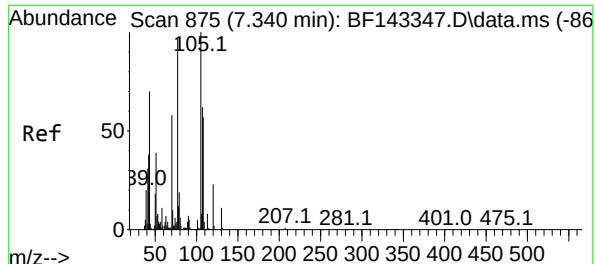
Tgt Ion:	107	Resp:	347573
Ion	Ratio	Lower	Upper
107	100		
108	114.6	92.0	138.0
77	47.1	38.2	57.2
79	46.4	37.9	56.9



#18
Hexachloroethane
Concen: 42.342 ng
RT: 7.445 min Scan# 893
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:	117	Resp:	154629
Ion	Ratio	Lower	Upper
117	100		
119	95.3	75.8	113.8
201	99.7	77.2	115.8





#19

n-Nitroso-di-n-propylamine

Concen: 39.940 ng

RT: 7.340 min Scan# 875

Delta R.T. 0.000 min

Lab File: BF143351.D

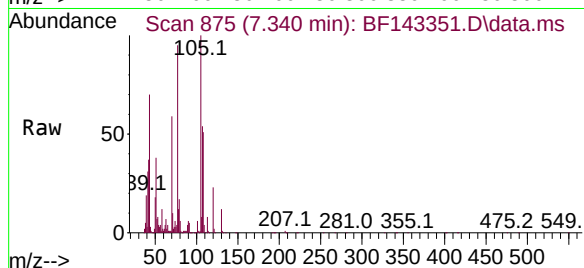
Acq: 12 Aug 2025 13:52

Instrument :

BNA_F

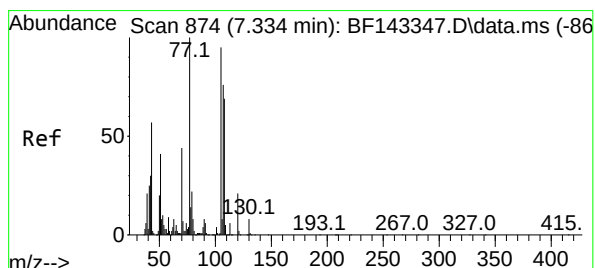
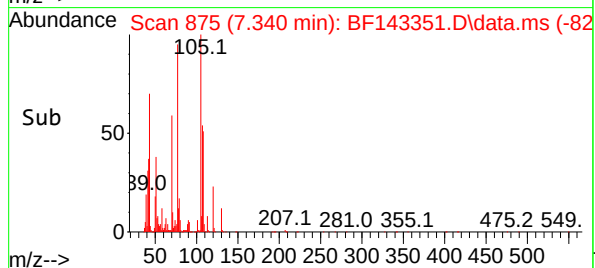
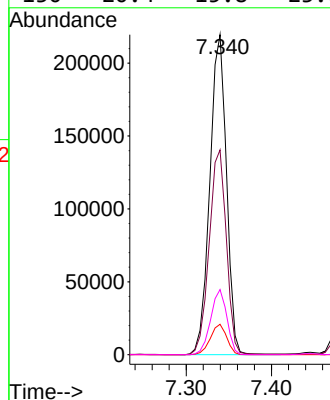
ClientSampleId :

ICVBF081225



Tgt Ion: 70 Resp: 298013

Ion	Ratio	Lower	Upper
70	100		
42	64.0	51.6	77.4
101	9.5	7.5	11.3
130	20.4	15.8	23.6



#20

3+4-Methylphenols

Concen: 41.105 ng

RT: 7.334 min Scan# 874

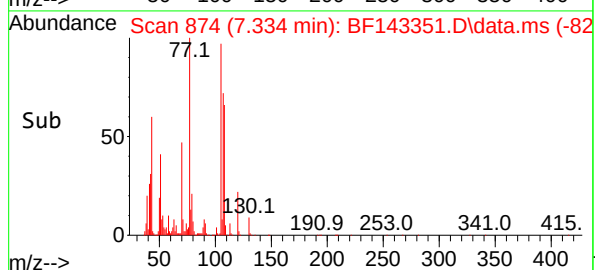
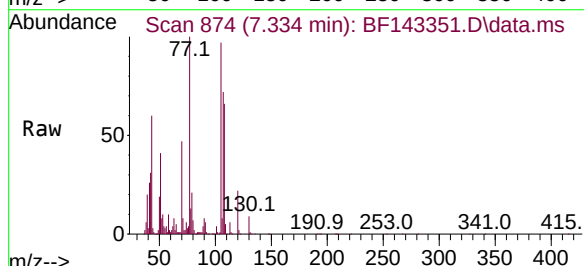
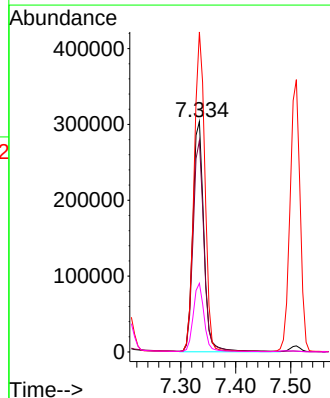
Delta R.T. 0.000 min

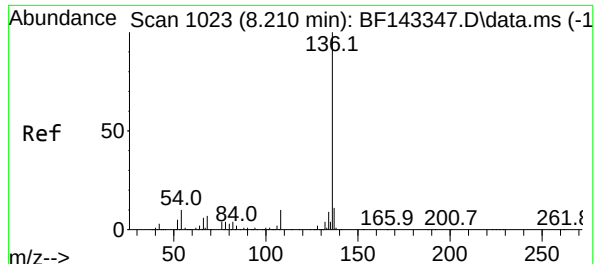
Lab File: BF143351.D

Acq: 12 Aug 2025 13:52

Tgt Ion: 107 Resp: 422225

Ion	Ratio	Lower	Upper
107	100		
108	91.7	70.6	110.6
77	138.9	112.0	152.0
79	29.8	9.9	49.9

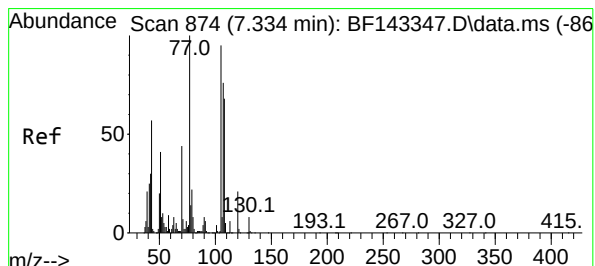
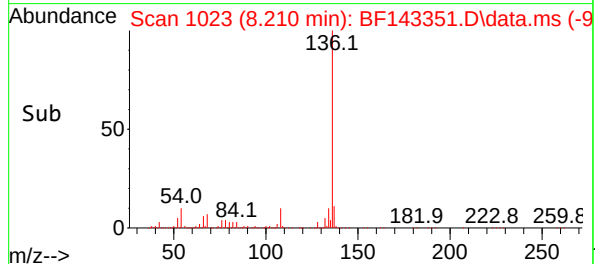
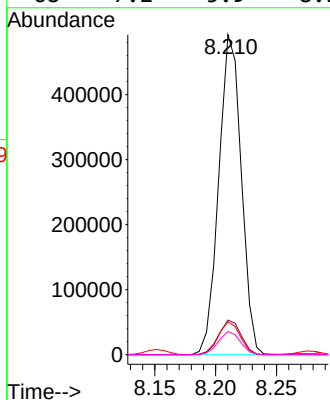
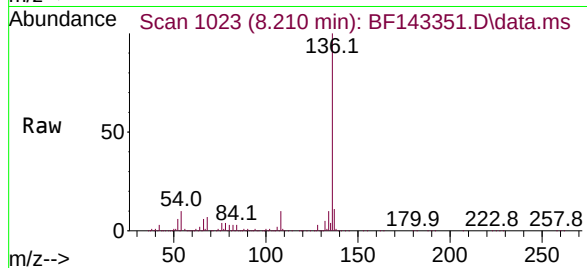




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

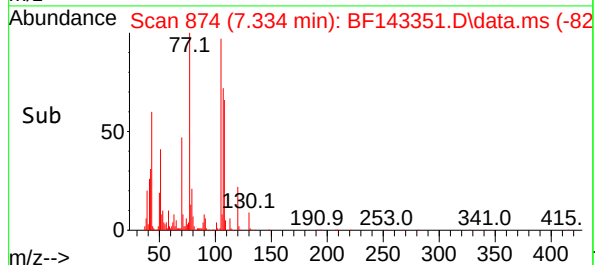
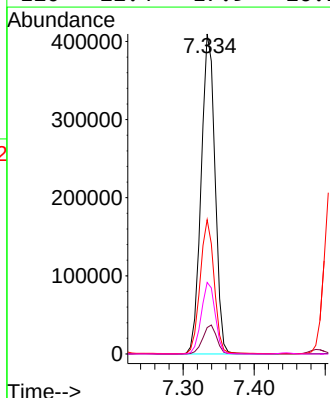
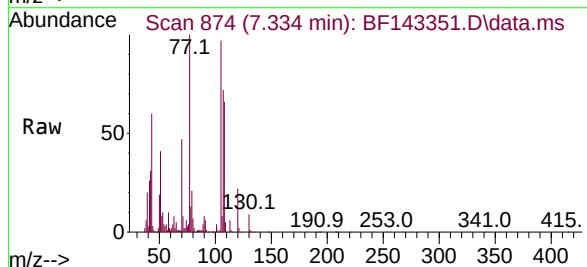
Instrument :
BNA_F
ClientSampleId :
ICVBF081225

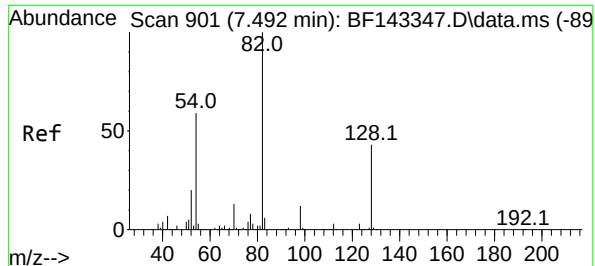
Tgt Ion:	136	Resp:	633786
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	13.0
54	10.3	8.4	12.6
68	7.2	5.9	8.9



#22
Acetophenone
Concen: 39.985 ng
RT: 7.334 min Scan# 874
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:	105	Resp:	558359
Ion Ratio	Lower	Upper	
105	100		
71	8.3	6.2	9.4
51	41.9	34.8	52.2
120	22.4	17.9	26.9





#23

Nitrobenzene-d5

Concen: 83.164 ng

RT: 7.487 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF143351.D

Acq: 12 Aug 2025 13:52

Instrument :

BNA_F

ClientSampleId :

ICVBF081225

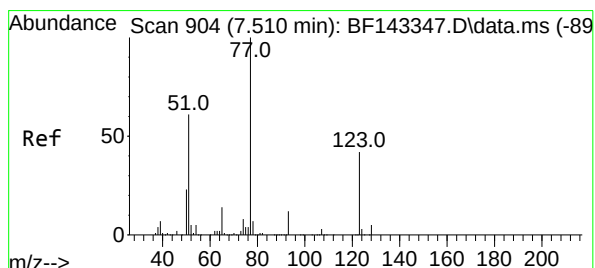
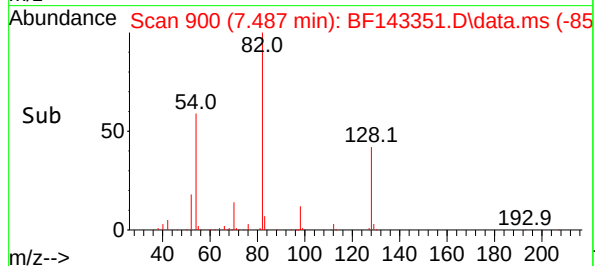
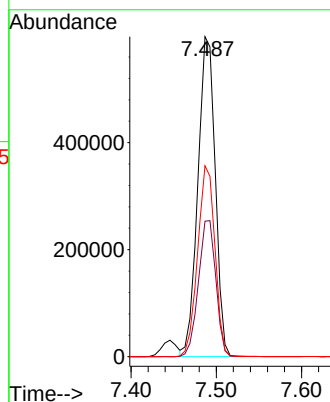
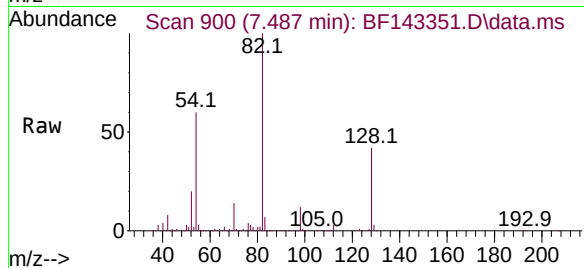
Tgt Ion: 82 Resp: 846400

Ion Ratio Lower Upper

82 100

128 42.3 33.5 50.3

54 59.7 46.7 70.1



#24

Nitrobenzene

Concen: 40.919 ng

RT: 7.510 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF143351.D

Acq: 12 Aug 2025 13:52

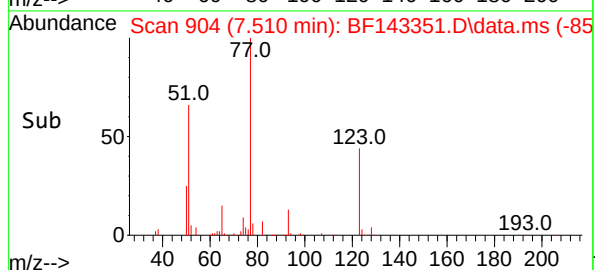
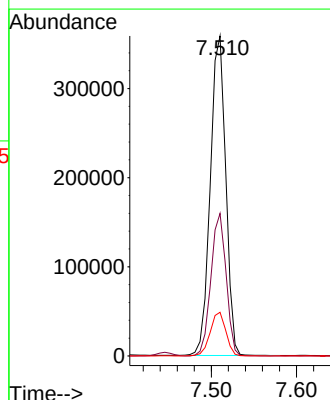
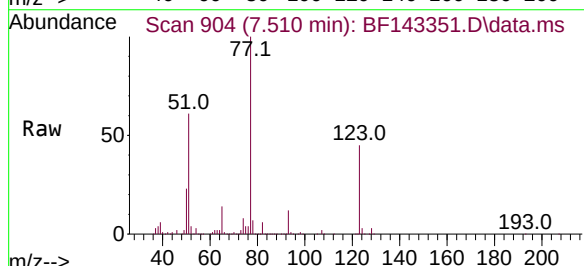
Tgt Ion: 77 Resp: 452284

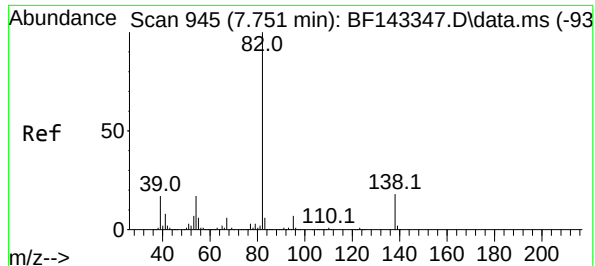
Ion Ratio Lower Upper

77 100

123 44.6 34.8 52.2

65 13.7 11.0 16.6

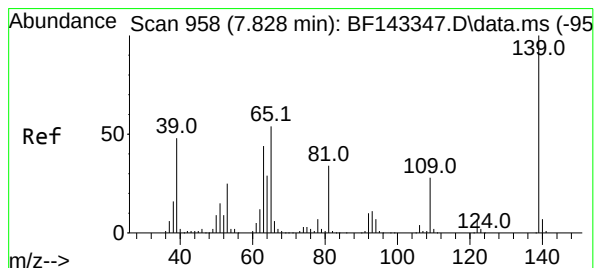
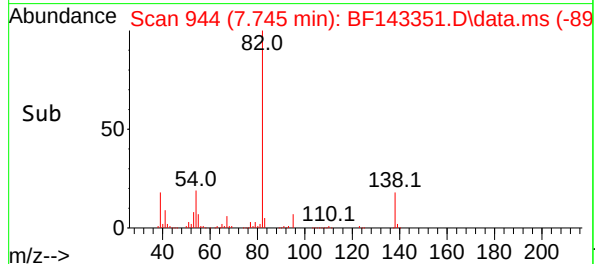
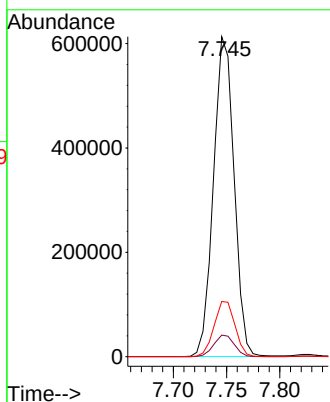
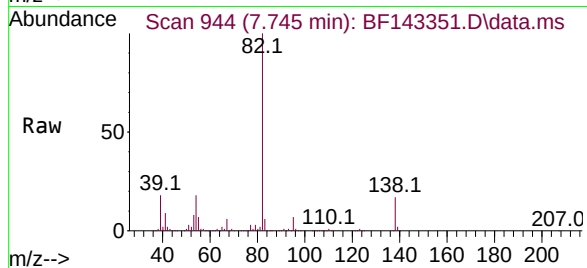




#25
Isophorone
Concen: 39.728 ng
RT: 7.745 min Scan# 944
Delta R.T. -0.006 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

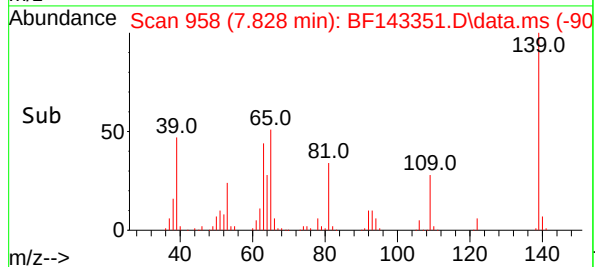
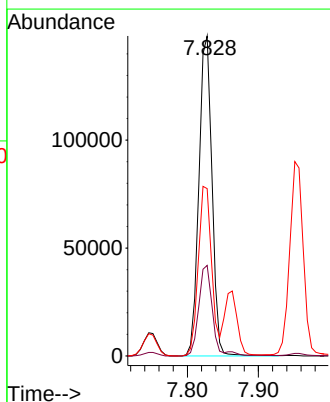
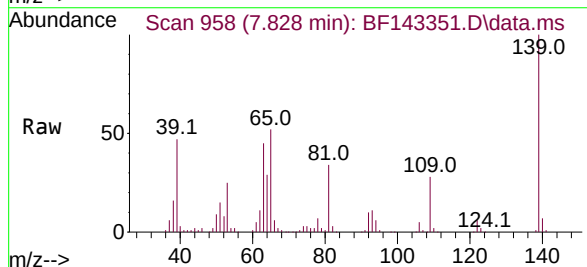
Instrument :
BNA_F
ClientSampleId :
ICVBF081225

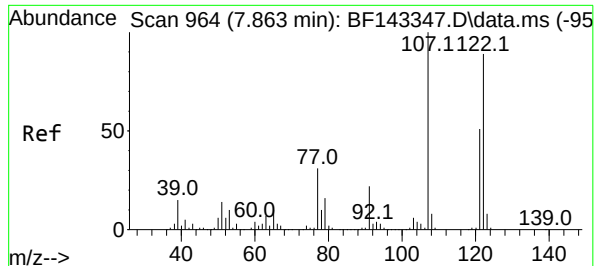
Tgt Ion: 82 Resp: 825406
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 17.2 14.6 21.8



#26
2-Nitrophenol
Concen: 43.318 ng
RT: 7.828 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion: 139 Resp: 190171
Ion Ratio Lower Upper
139 100
109 28.3 22.4 33.6
65 52.3 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 44.394 ng

RT: 7.863 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF143351.D

Acq: 12 Aug 2025 13:52

Instrument :

BNA_F

ClientSampleId :

ICVBF081225

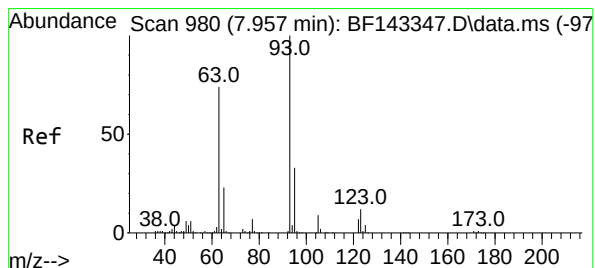
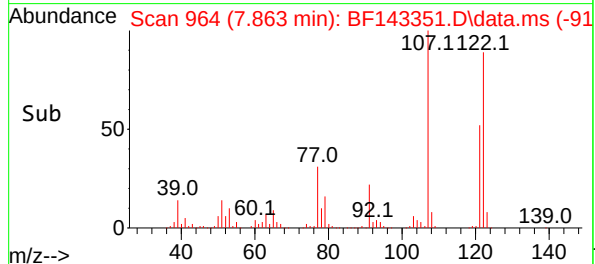
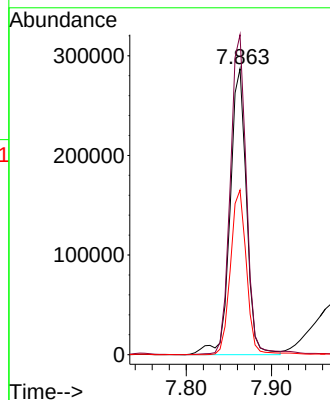
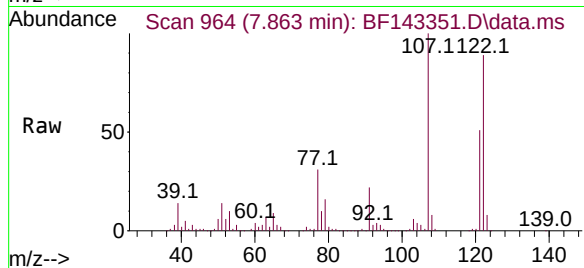
Tgt Ion:122 Resp: 384805

Ion Ratio Lower Upper

122 100

107 111.9 89.9 134.9

121 57.6 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 39.714 ng

RT: 7.951 min Scan# 979

Delta R.T. -0.006 min

Lab File: BF143351.D

Acq: 12 Aug 2025 13:52

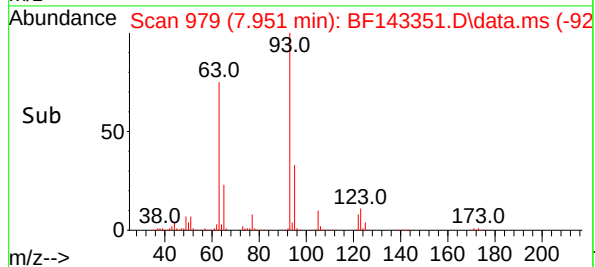
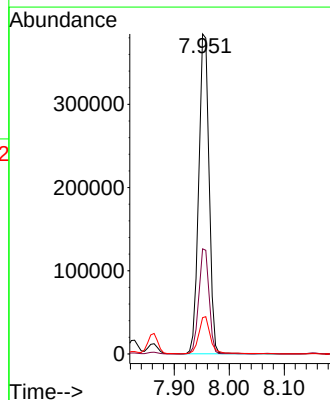
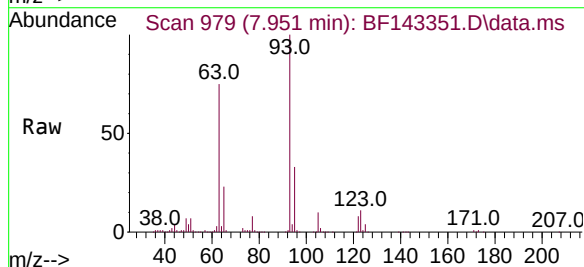
Tgt Ion: 93 Resp: 503776

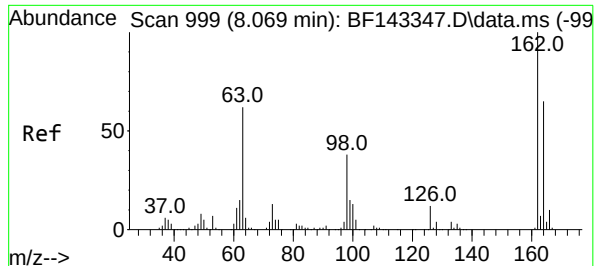
Ion Ratio Lower Upper

93 100

95 32.8 26.2 39.4

123 11.4 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 41.289 ng

RT: 8.069 min Scan# 999

Delta R.T. 0.000 min

Lab File: BF143351.D

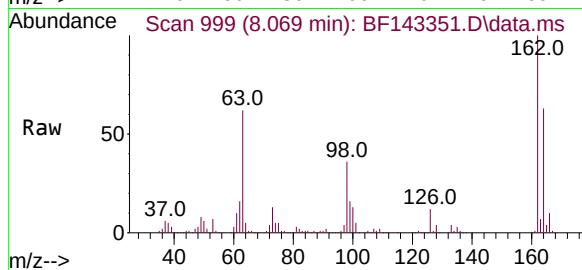
Acq: 12 Aug 2025 13:52

Instrument :

BNA_F

ClientSampleId :

ICVBF081225



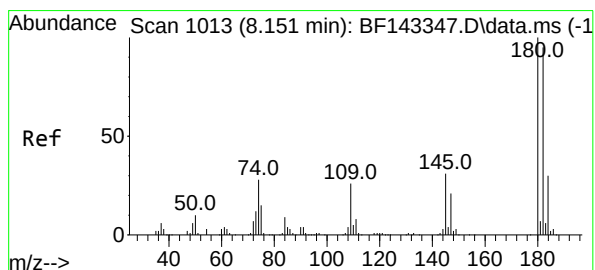
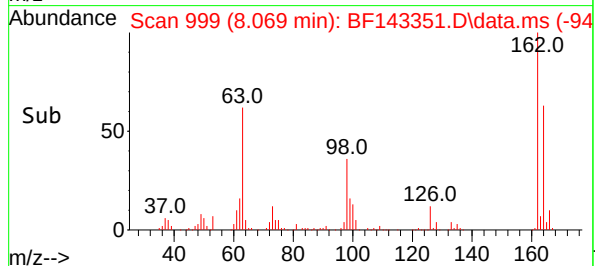
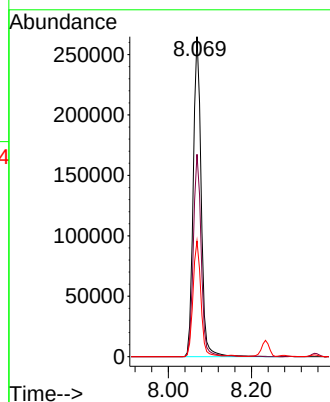
Tgt Ion:162 Resp: 349559

Ion Ratio Lower Upper

162 100

164 63.2 44.5 84.5

98 36.2 17.7 57.7



#30

1,2,4-Trichlorobenzene

Concen: 41.017 ng

RT: 8.151 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BF143351.D

Acq: 12 Aug 2025 13:52

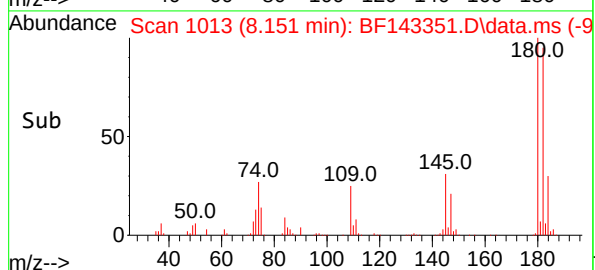
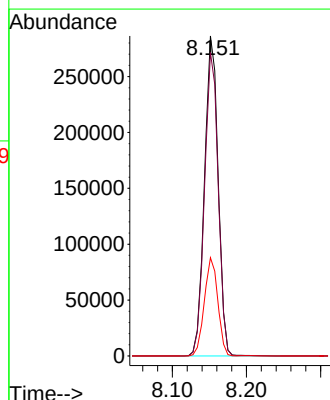
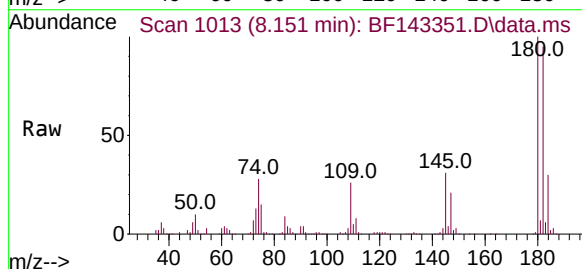
Tgt Ion:180 Resp: 366302

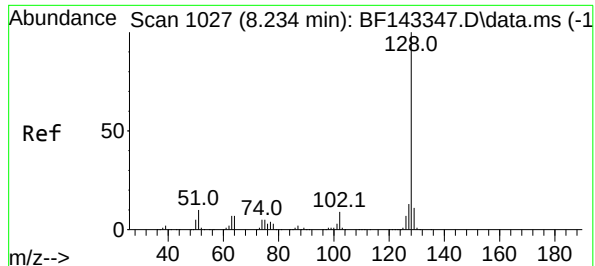
Ion Ratio Lower Upper

180 100

182 94.8 76.1 114.1

145 30.7 24.9 37.3

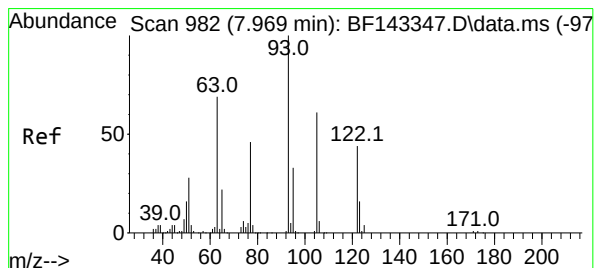
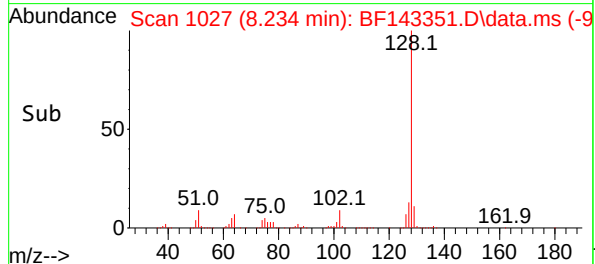
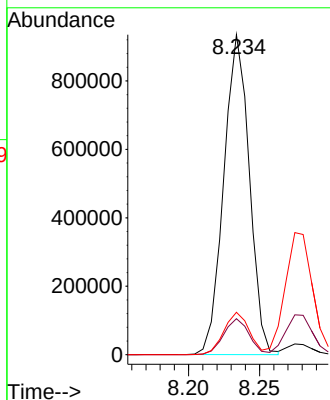
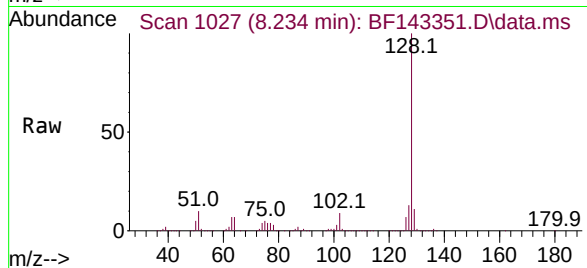




#31
Naphthalene
Concen: 38.372 ng
RT: 8.234 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

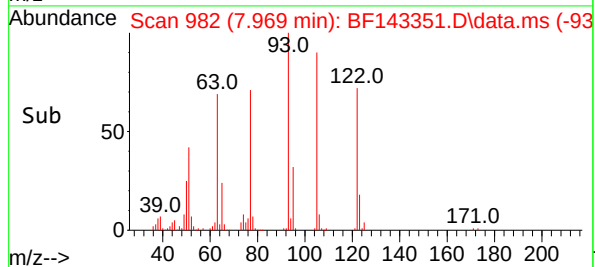
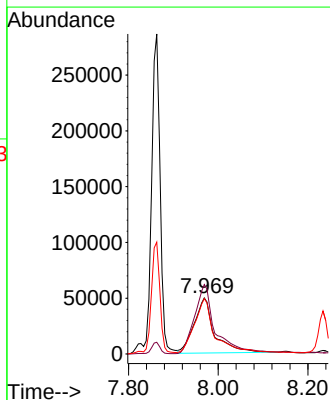
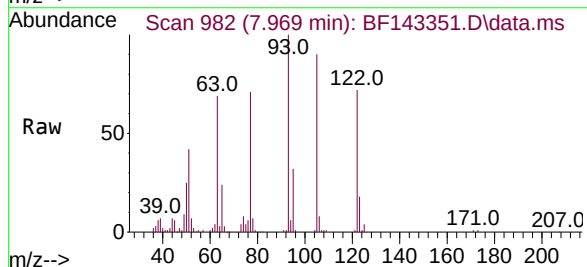
Instrument :
BNA_F
ClientSampleId :
ICVBF081225

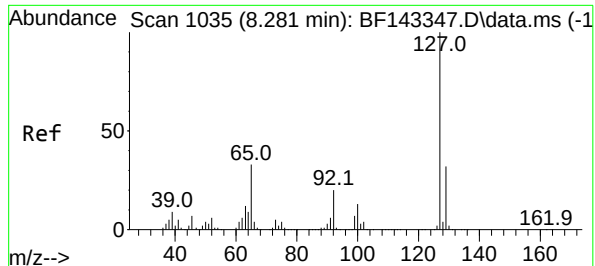
Tgt Ion:128 Resp: 1170219
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.2 10.7 16.1



#32
Benzoic acid
Concen: 43.285 ng
RT: 7.969 min Scan# 982
Delta R.T. -0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:122 Resp: 157226
Ion Ratio Lower Upper
122 100
105 124.0 106.4 146.4
77 98.7 79.2 119.2

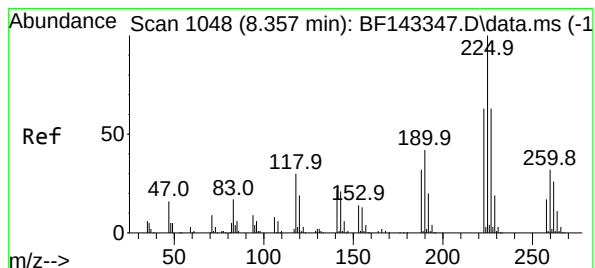
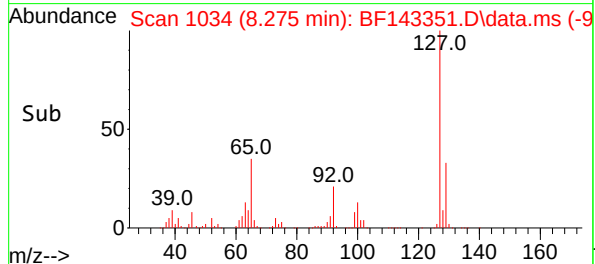
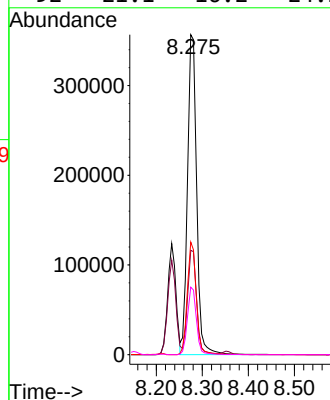
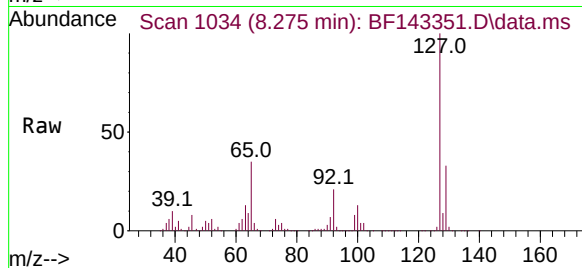




#33
4-Chloroaniline
Concen: 44.618 ng
RT: 8.275 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

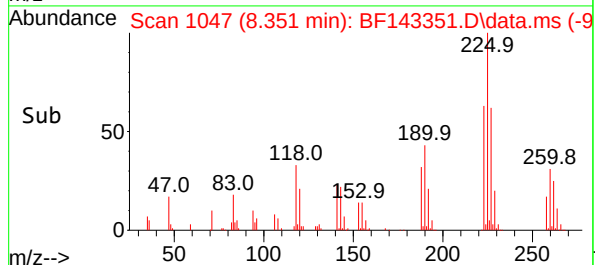
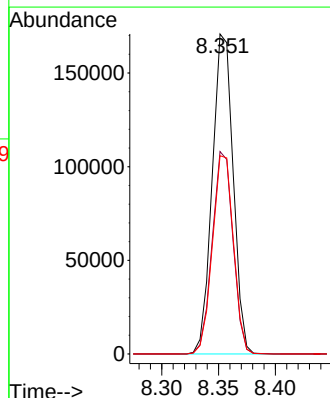
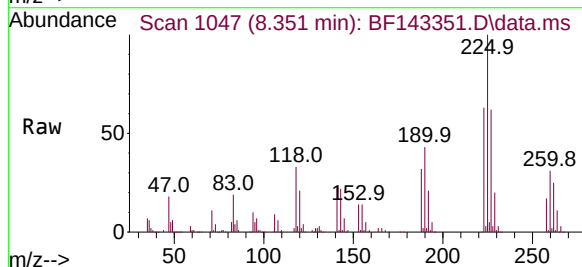
Instrument :
BNA_F
ClientSampleId :
ICVBF081225

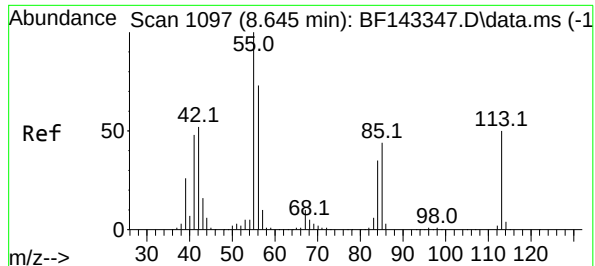
Tgt Ion:127	Resp: 490782
Ion Ratio	Lower Upper
127	100
129	32.6 26.0 39.0
65	35.2 27.0 40.4
92	21.1 16.2 24.2



#34
Hexachlorobutadiene
Concen: 39.366 ng
RT: 8.351 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:225	Resp: 218687
Ion Ratio	Lower Upper
225	100
223	63.3 50.1 75.1
227	62.0 50.6 75.8

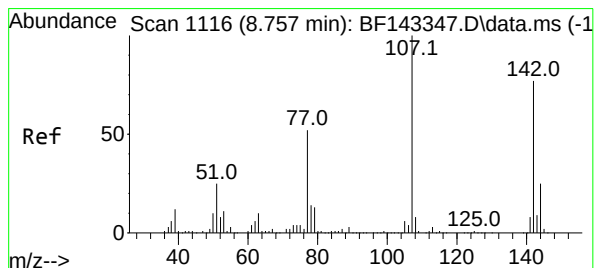
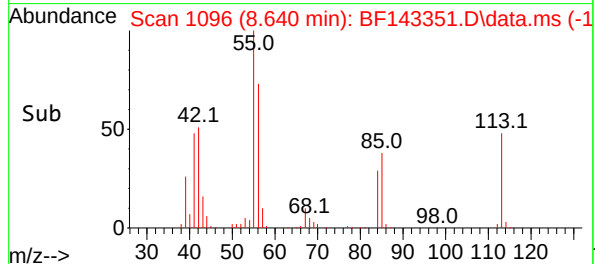
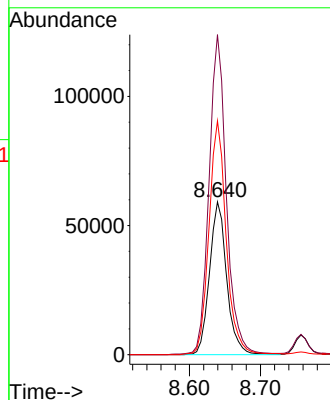
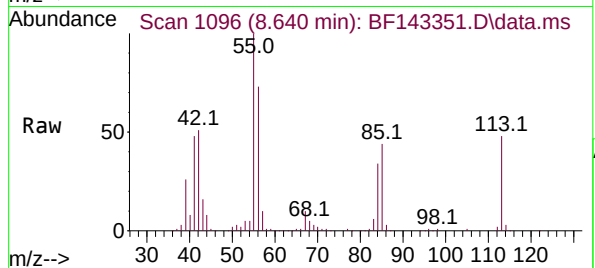




#35
Caprolactam
Concen: 41.892 ng
RT: 8.640 min Scan# 1097
Delta R.T. -0.006 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

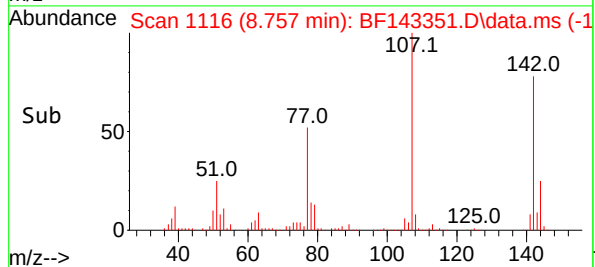
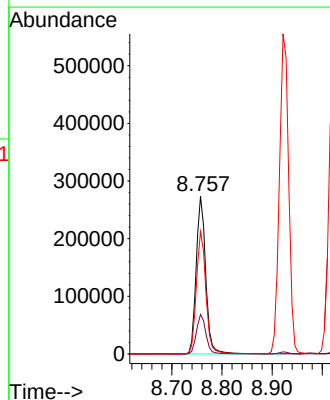
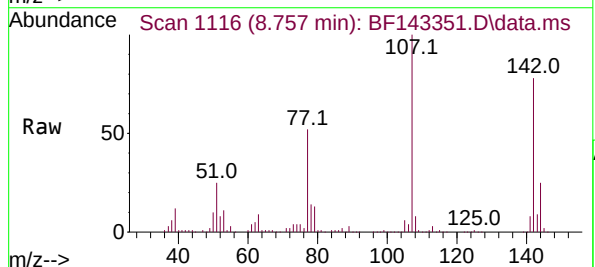
Instrument :
BNA_F
ClientSampleId :
ICVBF081225

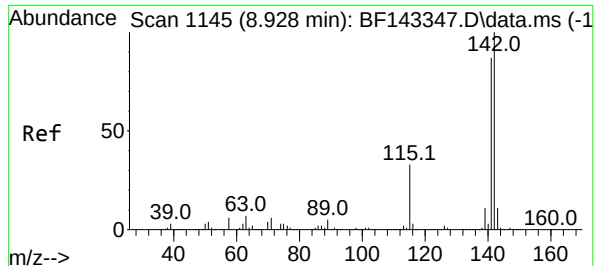
Tgt Ion	Ratio	Lower	Upper
113	100		
55	209.5	181.4	221.4
56	153.0	127.3	167.3



#36
4-Chloro-3-methylphenol
Concen: 40.717 ng
RT: 8.757 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.1	20.0	30.0
142	77.6	61.3	91.9





#37

2-Methylnaphthalene

Concen: 35.270 ng

RT: 8.922 min Scan# 1144

Delta R.T. -0.006 min

Lab File: BF143351.D

Acq: 12 Aug 2025 13:52

Instrument :

BNA_F

ClientSampleId :

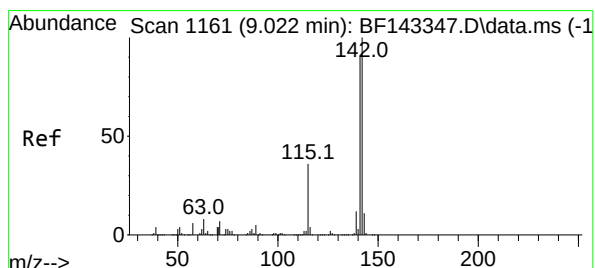
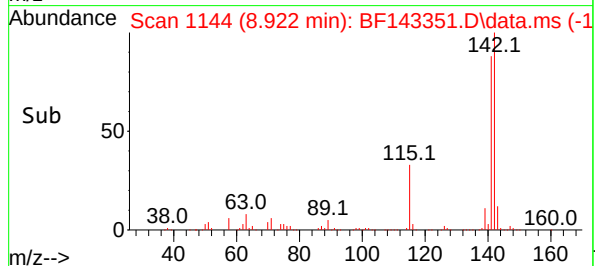
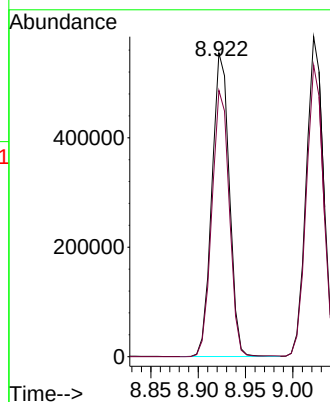
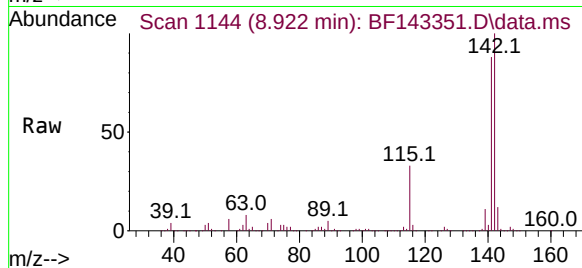
ICVBF081225

Tgt Ion:142 Resp: 707136

Ion Ratio Lower Upper

142 100

141 87.6 69.8 104.8



#38

1-Methylnaphthalene

Concen: 37.970 ng

RT: 9.022 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BF143351.D

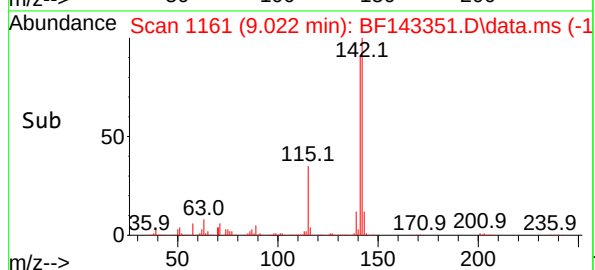
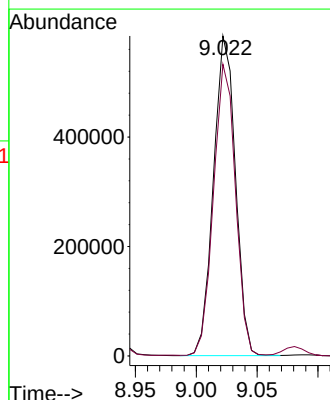
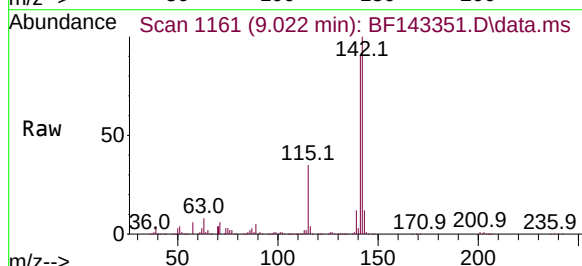
Acq: 12 Aug 2025 13:52

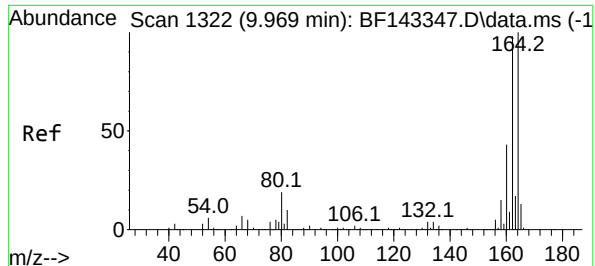
Tgt Ion:142 Resp: 733181

Ion Ratio Lower Upper

142 100

141 91.1 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.969 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF143351.D

Acq: 12 Aug 2025 13:52

Instrument :

BNA_F

ClientSampleId :

ICVBF081225

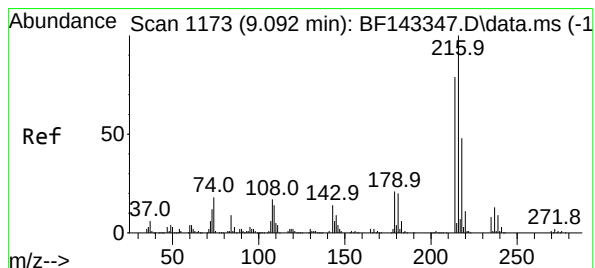
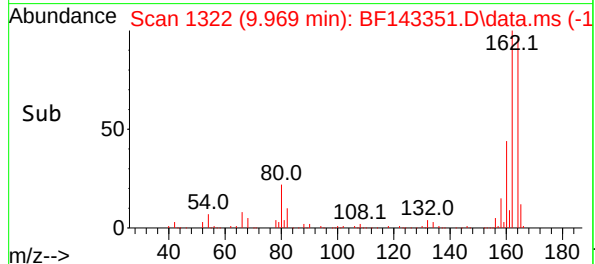
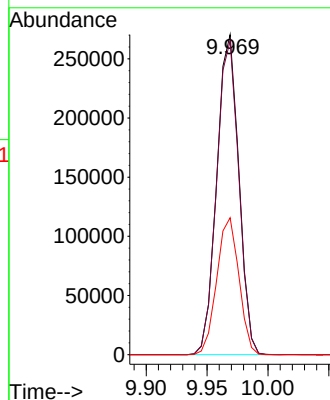
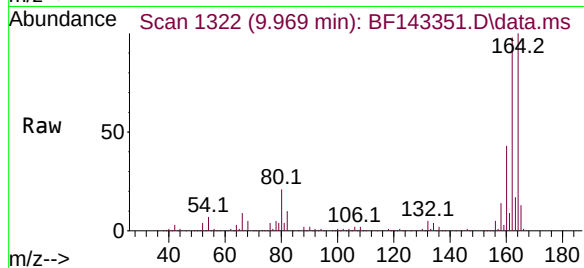
Tgt Ion:164 Resp: 340813

Ion Ratio Lower Upper

164 100

162 98.0 78.6 118.0

160 42.8 34.4 51.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.218 ng

RT: 9.092 min Scan# 1173

Delta R.T. 0.000 min

Lab File: BF143351.D

Acq: 12 Aug 2025 13:52

Tgt Ion:216 Resp: 365752

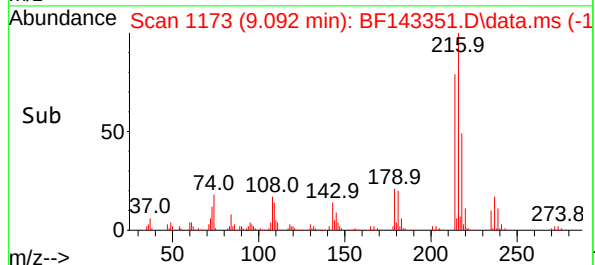
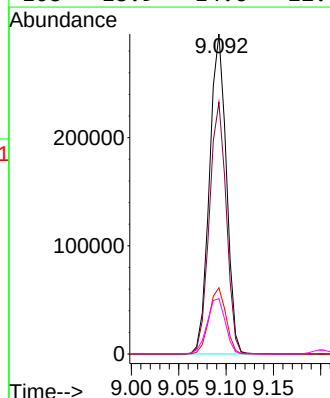
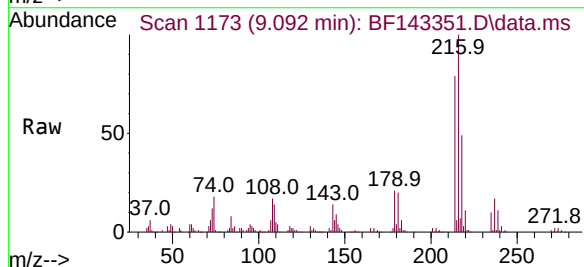
Ion Ratio Lower Upper

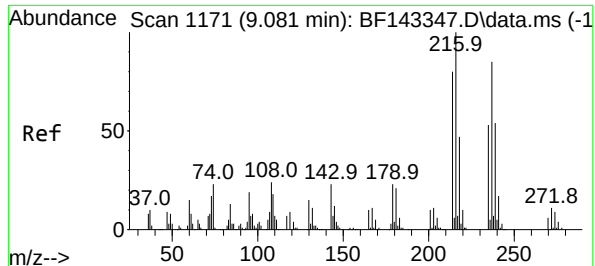
216 100

214 78.8 63.0 94.4

179 20.8 17.0 25.4

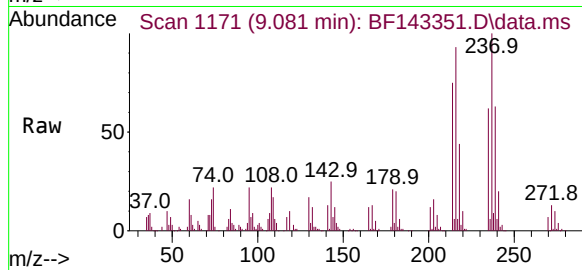
108 18.9 14.6 22.0



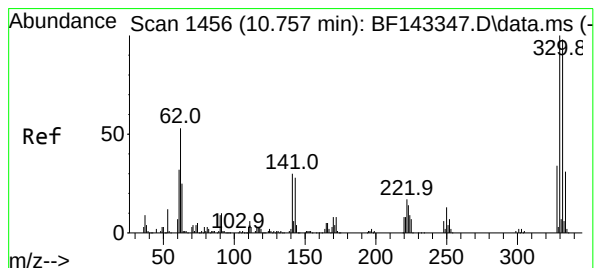
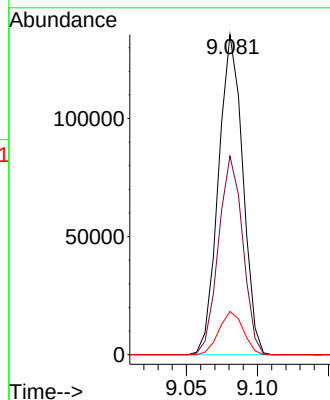
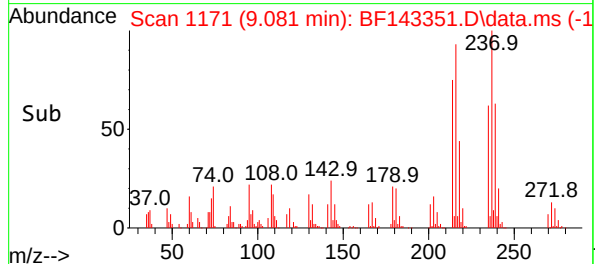


#41
Hexachlorocyclopentadiene
Concen: 51.644 ng
RT: 9.081 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

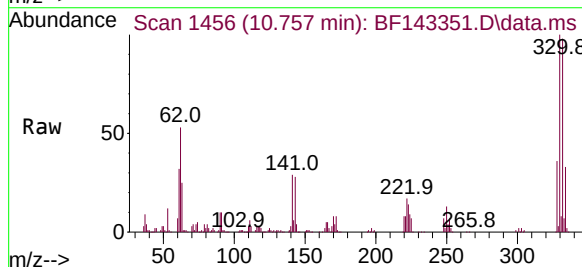
Instrument :
BNA_F
ClientSampleId :
ICVBF081225



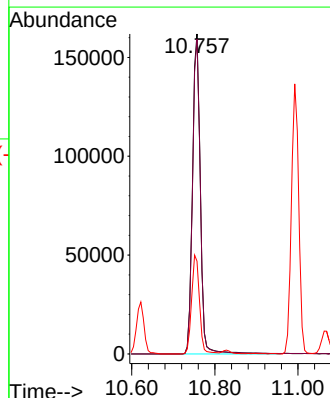
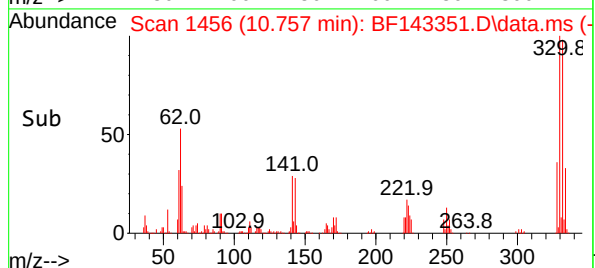
Tgt Ion: 237 Resp: 161472
Ion Ratio Lower Upper
237 100
235 62.1 42.0 82.0
272 13.5 0.0 32.6

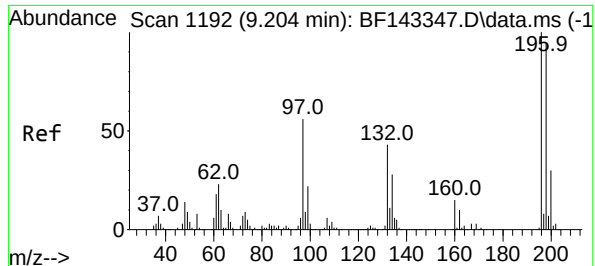


#42
2,4,6-Tribromophenol
Concen: 84.868 ng
RT: 10.757 min Scan# 1456
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52



Tgt Ion: 330 Resp: 211383
Ion Ratio Lower Upper
330 100
332 97.7 78.1 117.1
141 31.2 25.4 38.0





#43

2,4,6-Trichlorophenol

Concen: 42.843 ng

RT: 9.204 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF143351.D

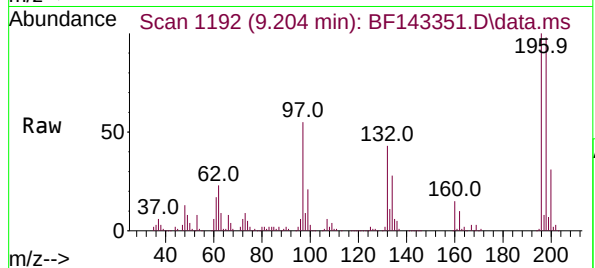
Acq: 12 Aug 2025 13:52

Instrument :

BNA_F

ClientSampleId :

ICVBF081225



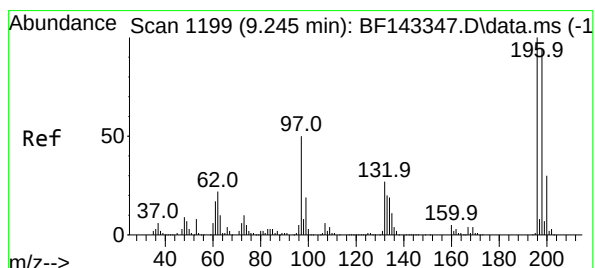
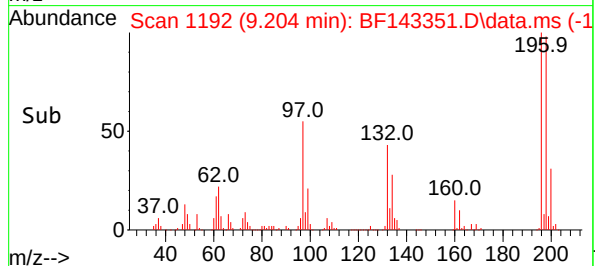
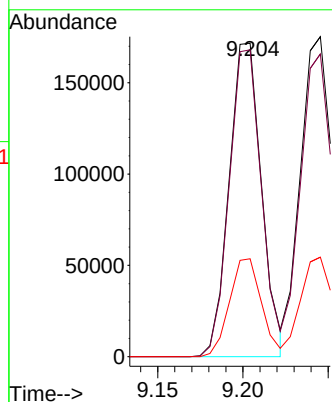
Tgt Ion:196 Resp: 226704

Ion Ratio Lower Upper

196 100

198 97.9 75.4 113.0

200 31.2 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 41.305 ng

RT: 9.245 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF143351.D

Acq: 12 Aug 2025 13:52

Tgt Ion:196 Resp: 246815

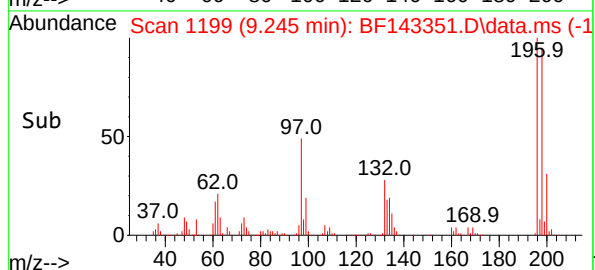
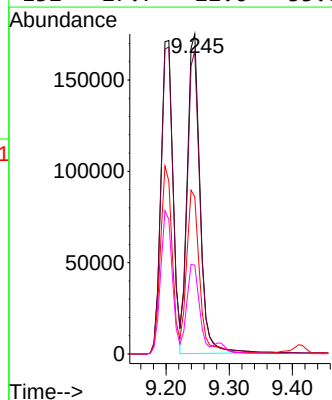
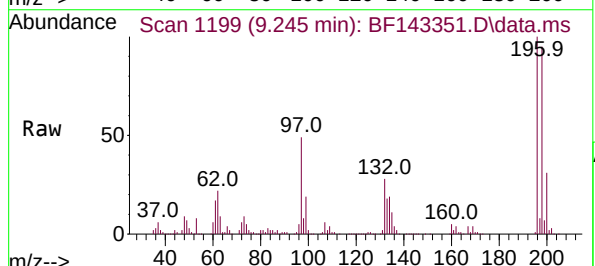
Ion Ratio Lower Upper

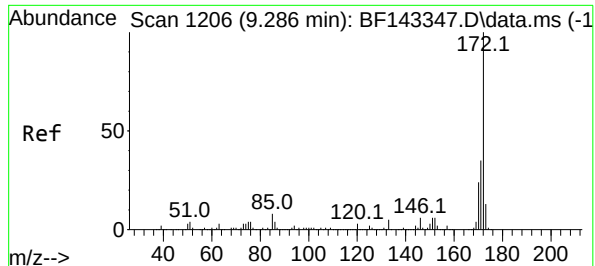
196 100

198 94.6 75.4 113.2

97 49.1 39.9 59.9

132 27.7 22.6 33.8

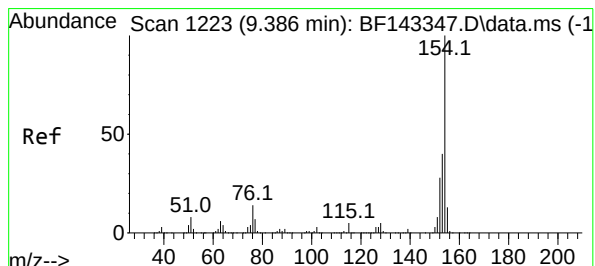
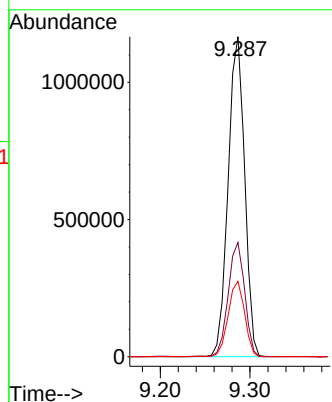
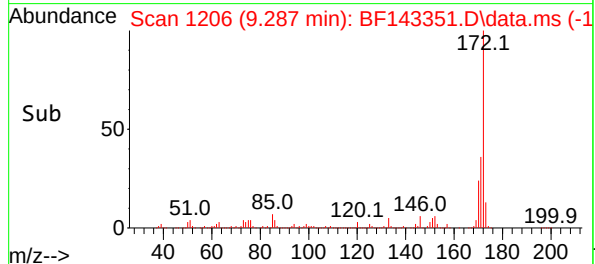
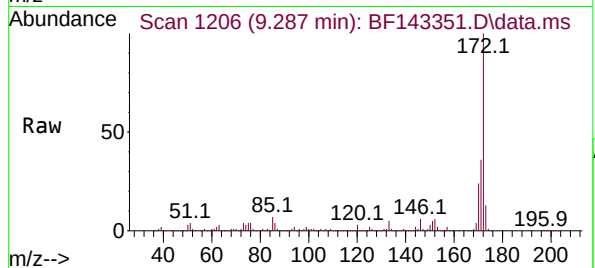




#45
2-Fluorobiphenyl
Concen: 74.116 ng
RT: 9.287 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

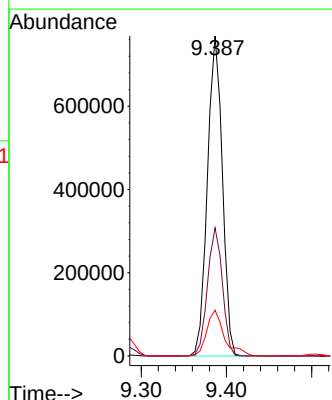
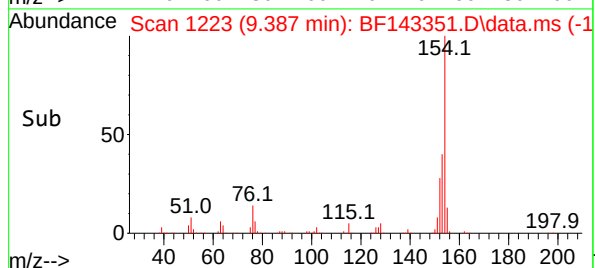
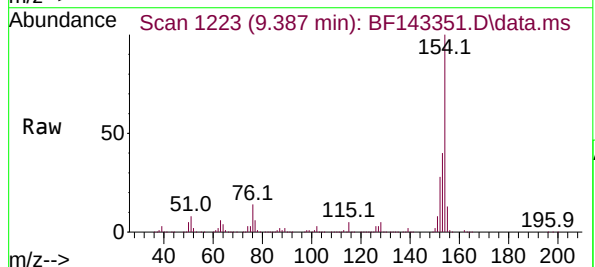
Instrument :
BNA_F
ClientSampleId :
ICVBF081225

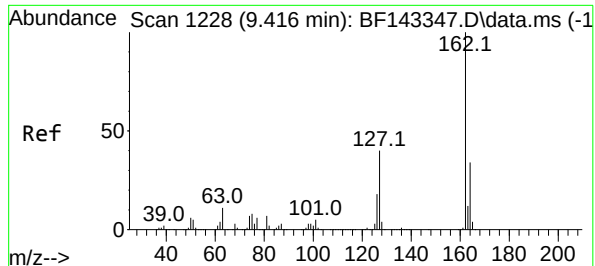
Tgt Ion:172 Resp: 1489585
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 23.6 19.1 28.7



#46
1,1'-Biphenyl
Concen: 38.812 ng
RT: 9.387 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:154 Resp: 935277
Ion Ratio Lower Upper
154 100
153 40.1 20.2 60.2
76 14.3 0.0 34.4





#47

2-Chloronaphthalene

Concen: 38.093 ng

RT: 9.410 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143351.D

Acq: 12 Aug 2025 13:52

Instrument :

BNA_F

ClientSampleId :

ICVBF081225

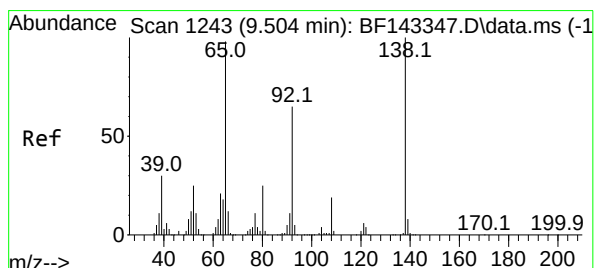
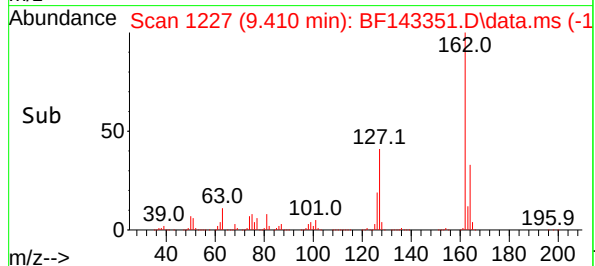
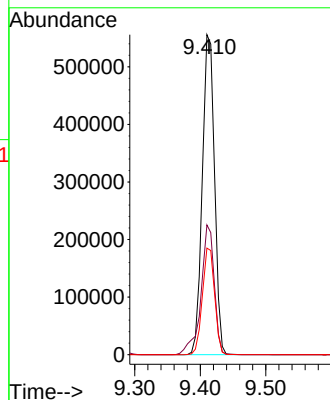
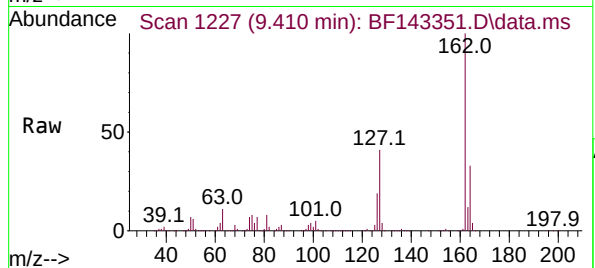
Tgt Ion:162 Resp: 722952

Ion Ratio Lower Upper

162 100

127 40.6 32.1 48.1

164 33.3 27.0 40.4



#48

2-Nitroaniline

Concen: 42.167 ng

RT: 9.504 min Scan# 1243

Delta R.T. 0.000 min

Lab File: BF143351.D

Acq: 12 Aug 2025 13:52

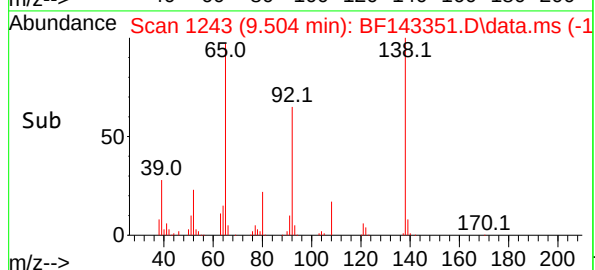
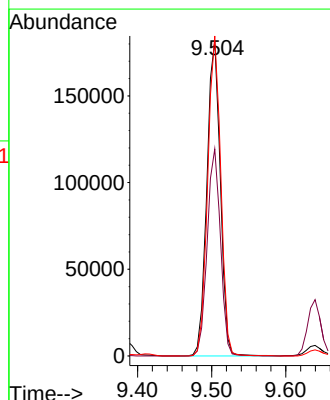
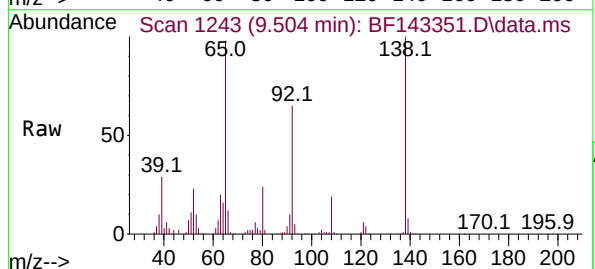
Tgt Ion: 65 Resp: 228854

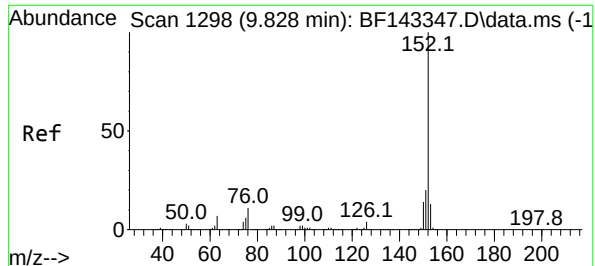
Ion Ratio Lower Upper

65 100

92 65.7 53.1 79.7

138 101.5 81.4 122.0





#49

Acenaphthylene

Concen: 42.507 ng

RT: 9.828 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143351.D

Acq: 12 Aug 2025 13:52

Instrument :

BNA_F

ClientSampleId :

ICVBF081225

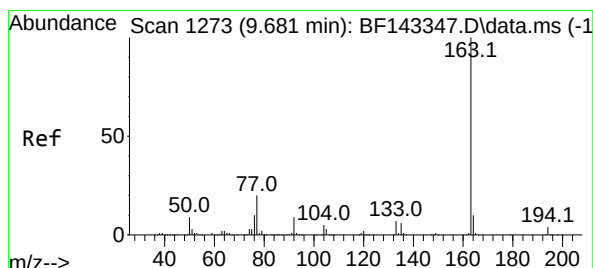
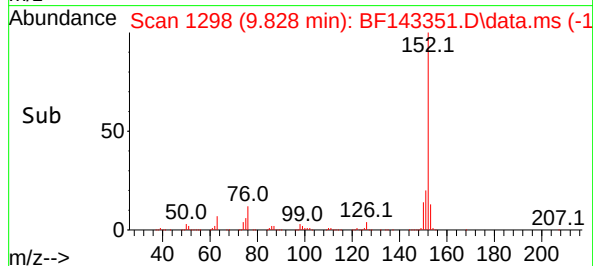
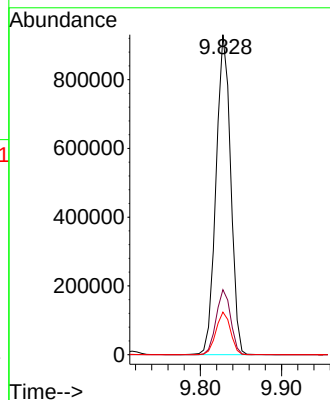
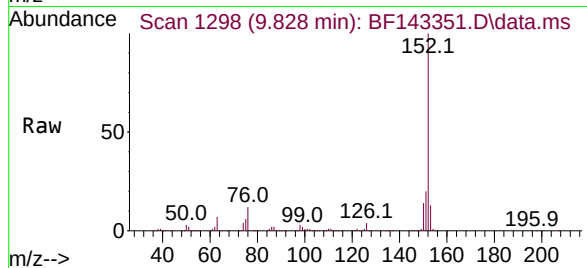
Tgt Ion:152 Resp: 1164992

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

153 13.3 10.6 16.0



#50

Dimethylphthalate

Concen: 40.126 ng

RT: 9.681 min Scan# 1273

Delta R.T. 0.000 min

Lab File: BF143351.D

Acq: 12 Aug 2025 13:52

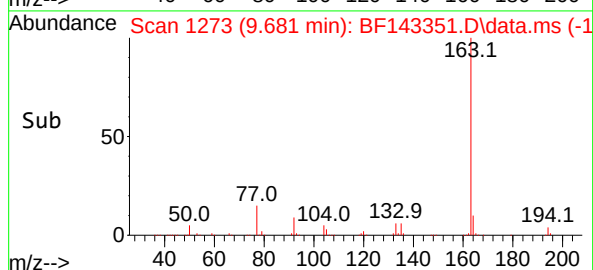
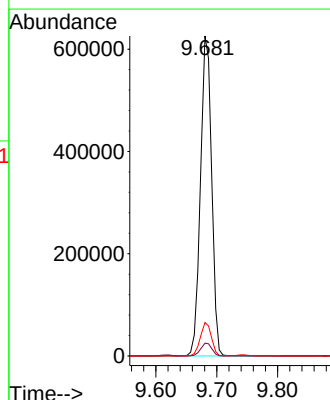
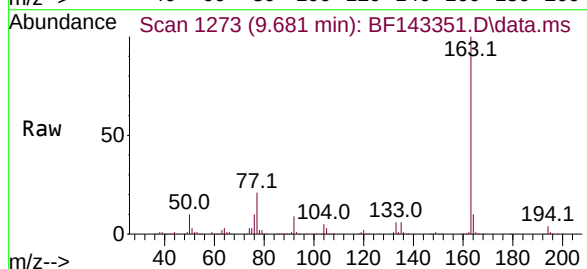
Tgt Ion:163 Resp: 799080

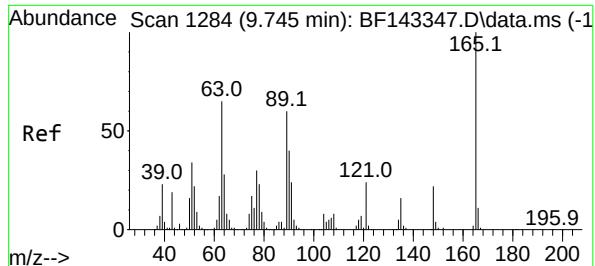
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.4 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 45.012 ng

RT: 9.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143351.D

Acq: 12 Aug 2025 13:52

Instrument :

BNA_F

ClientSampleId :

ICVBF081225

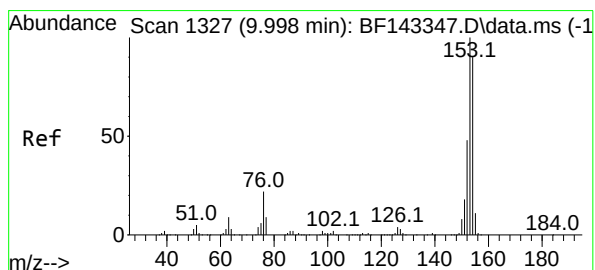
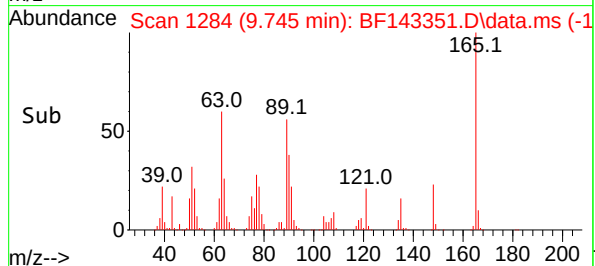
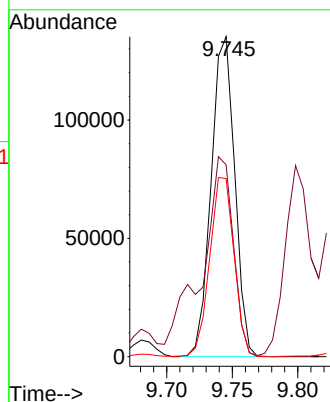
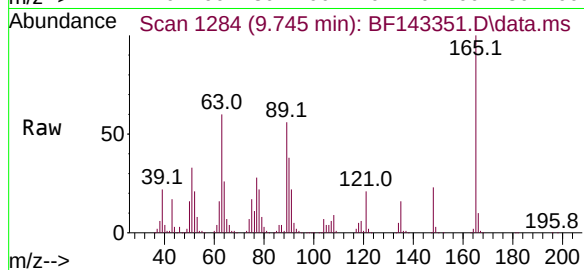
Tgt Ion:165 Resp: 168880

Ion Ratio Lower Upper

165 100

63 60.0 51.6 77.4

89 55.7 47.7 71.5



#52

Acenaphthene

Concen: 37.893 ng

RT: 10.004 min Scan# 1328

Delta R.T. 0.006 min

Lab File: BF143351.D

Acq: 12 Aug 2025 13:52

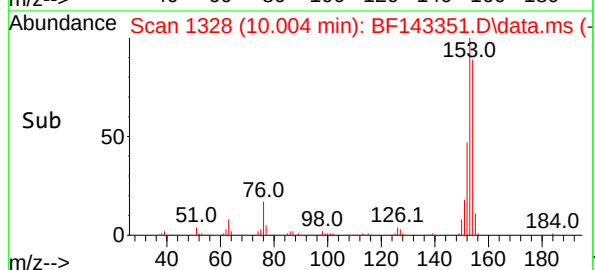
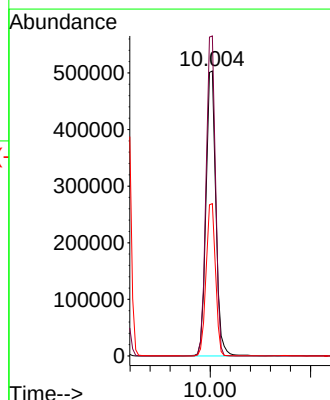
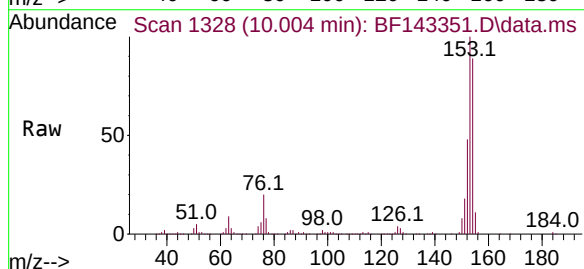
Tgt Ion:154 Resp: 690443

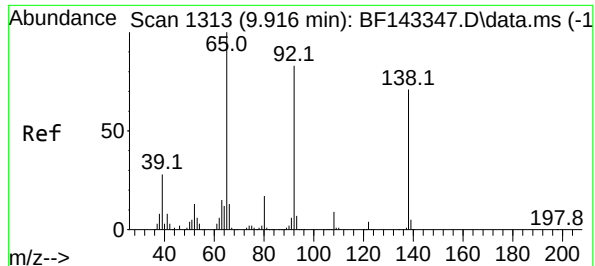
Ion Ratio Lower Upper

154 100

153 112.3 88.5 132.7

152 53.4 42.4 63.6

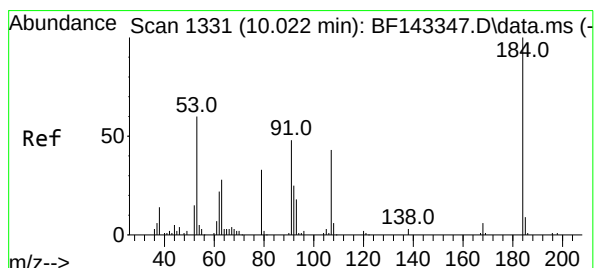
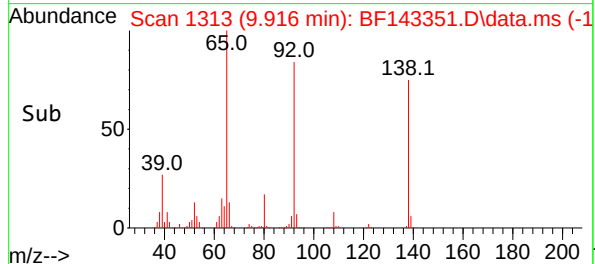
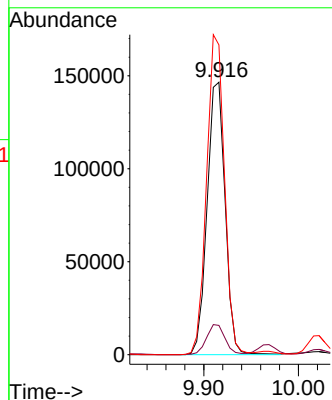
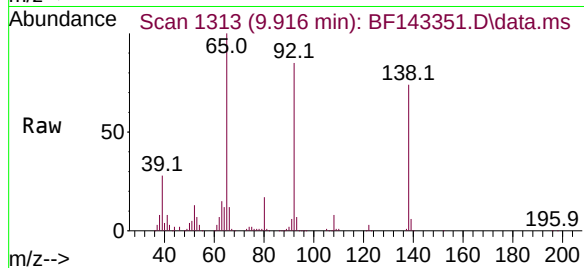




#53
3-Nitroaniline
Concen: 47.593 ng
RT: 9.916 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

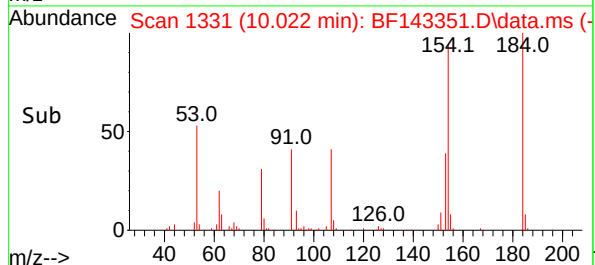
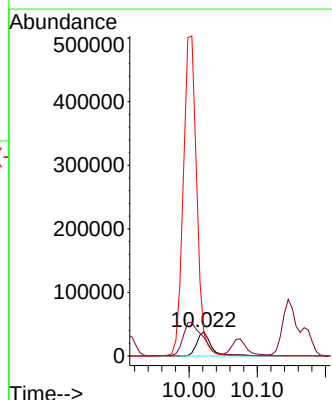
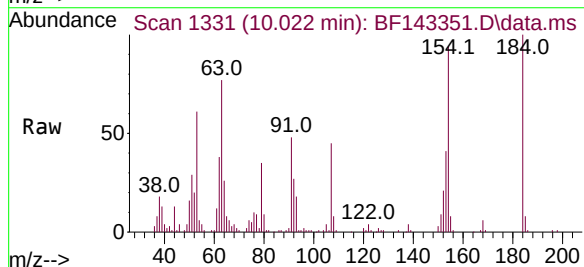
Instrument :
BNA_F
ClientSampleId :
ICVBF081225

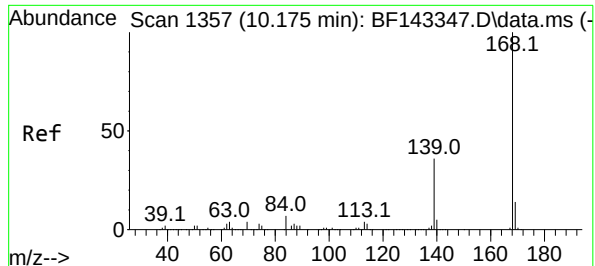
Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.8	9.6	14.4
92	113.7	93.4	140.2



#54
2,4-Dinitrophenol
Concen: 45.910 ng
RT: 10.022 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion	Ratio	Lower	Upper
184	100		
63	77.4	62.5	93.7
154	94.4	73.0	109.4





#55

Dibenzofuran

Concen: 38.652 ng

RT: 10.175 min Scan# 1357

Delta R.T. 0.000 min

Lab File: BF143351.D

Acq: 12 Aug 2025 13:52

Instrument :

BNA_F

ClientSampleId :

ICVBF081225

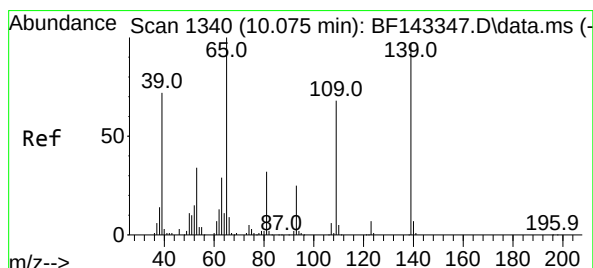
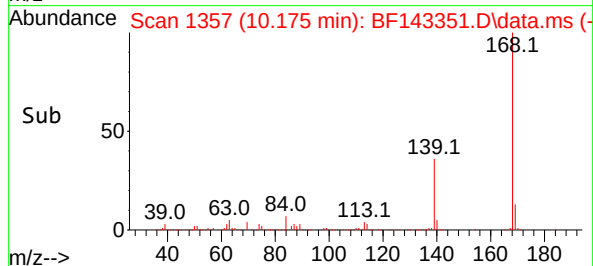
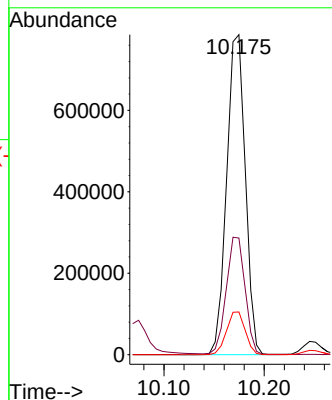
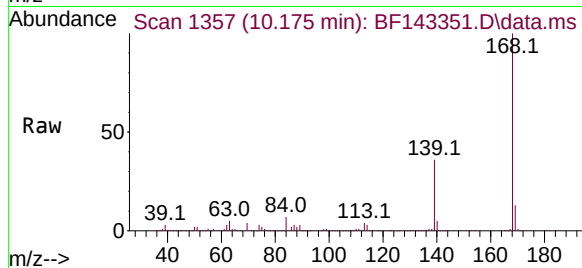
Tgt Ion:168 Resp: 1013581

Ion Ratio Lower Upper

168 100

139 36.5 29.4 44.0

169 13.4 11.0 16.6



#56

4-Nitrophenol

Concen: 41.060 ng

RT: 10.075 min Scan# 1340

Delta R.T. -0.000 min

Lab File: BF143351.D

Acq: 12 Aug 2025 13:52

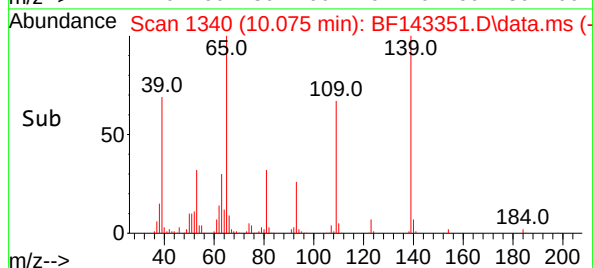
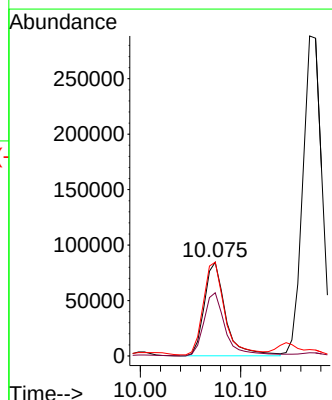
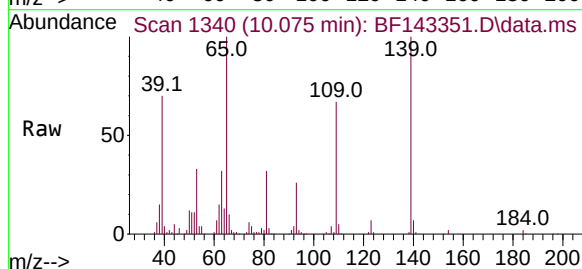
Tgt Ion:139 Resp: 124501

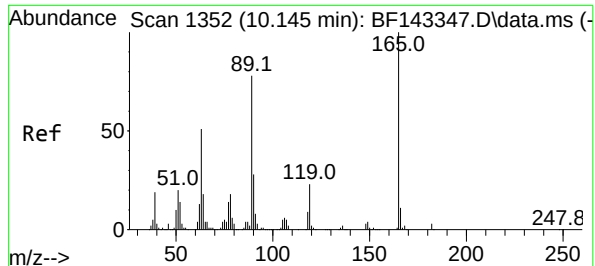
Ion Ratio Lower Upper

139 100

109 67.4 49.4 89.4

65 100.1 83.7 123.7

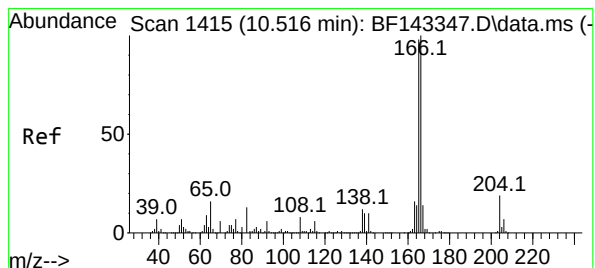
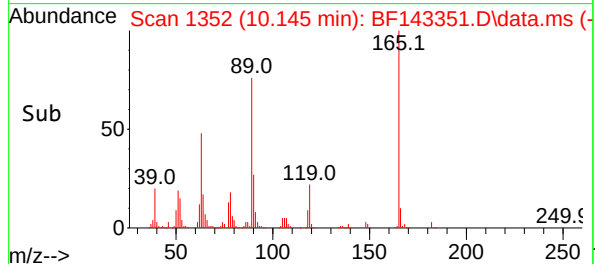
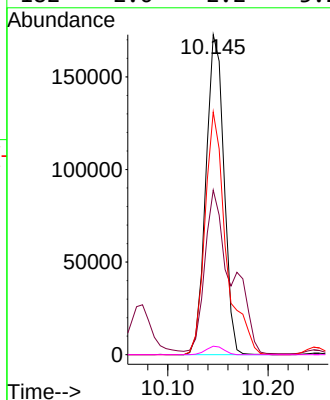
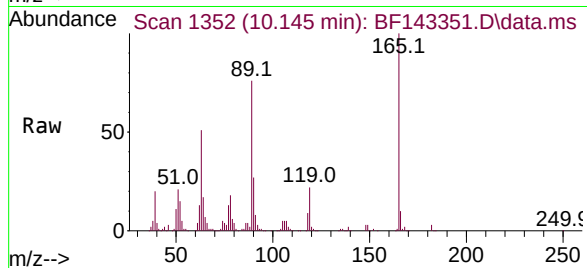




#57
2,4-Dinitrotoluene
Concen: 43.458 ng
RT: 10.145 min Scan# 1352
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

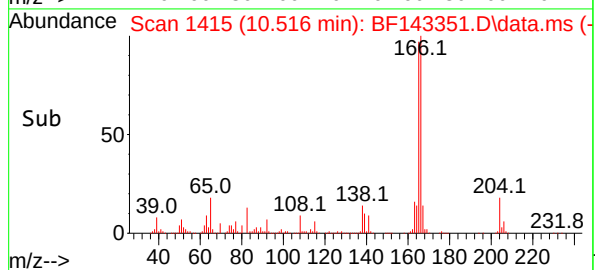
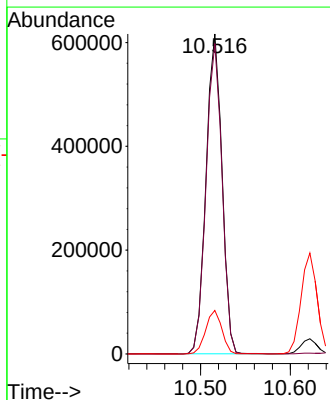
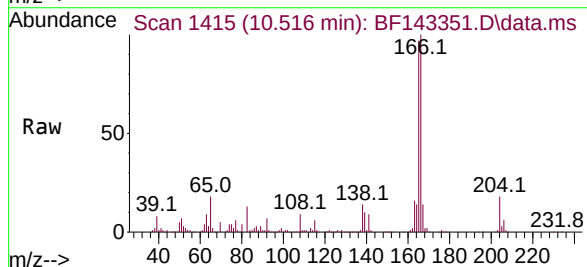
Instrument :
BNA_F
ClientSampleId :
ICVBF081225

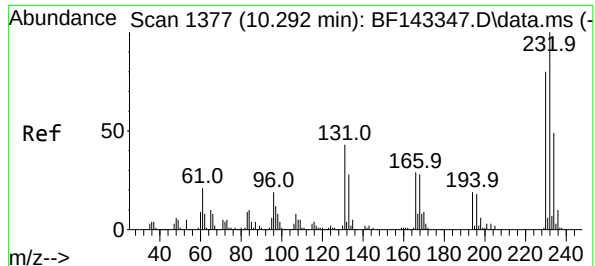
Tgt Ion:165 Resp: 215795
Ion Ratio Lower Upper
165 100
63 51.4 41.8 62.8
89 75.9 62.4 93.6
182 2.6 2.2 3.2



#58
Fluorene
Concen: 38.022 ng
RT: 10.516 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:166 Resp: 761581
Ion Ratio Lower Upper
166 100
165 97.0 78.2 117.4
167 13.6 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 50.091 ng

RT: 10.292 min Scan# 1377

Delta R.T. 0.000 min

Lab File: BF143351.D

Acq: 12 Aug 2025 13:52

Instrument :

BNA_F

ClientSampleId :

ICVBF081225

Tgt Ion:232 Resp: 201768

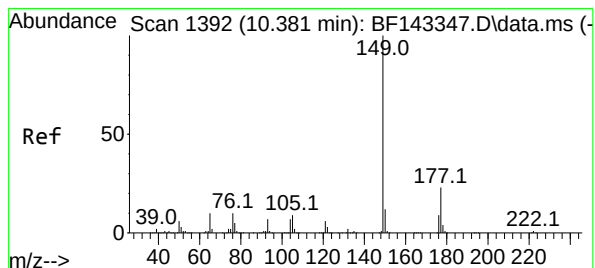
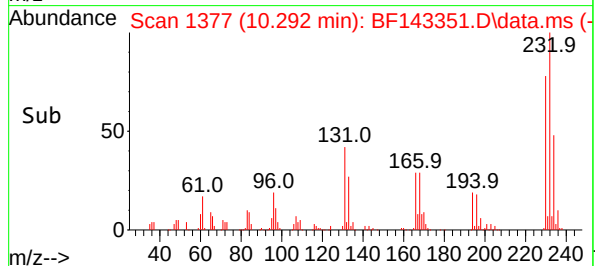
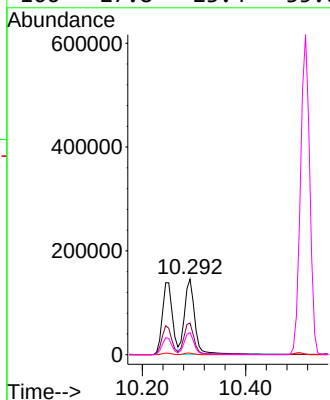
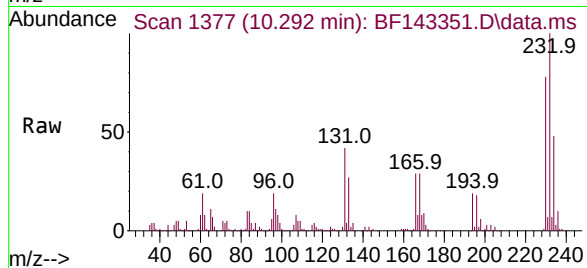
Ion Ratio Lower Upper

232 100

131 42.2 34.6 51.8

130 2.1 1.7 2.5

166 27.8 23.4 35.0



#60

Diethylphthalate

Concen: 40.317 ng

RT: 10.381 min Scan# 1392

Delta R.T. 0.000 min

Lab File: BF143351.D

Acq: 12 Aug 2025 13:52

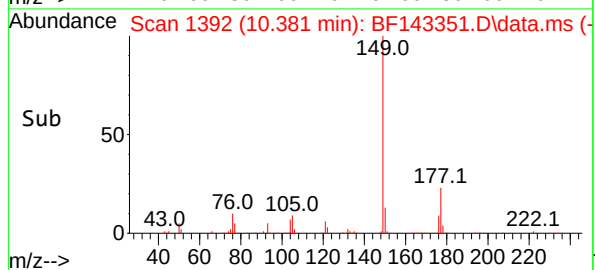
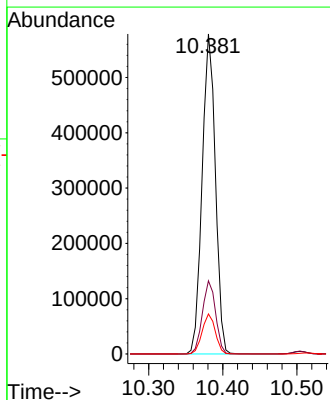
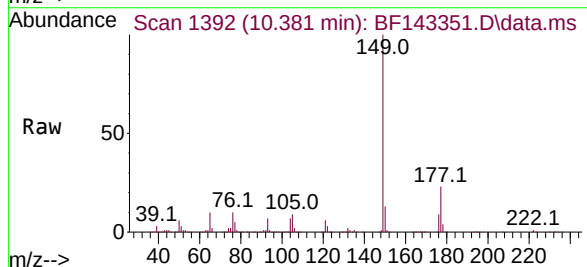
Tgt Ion:149 Resp: 719164

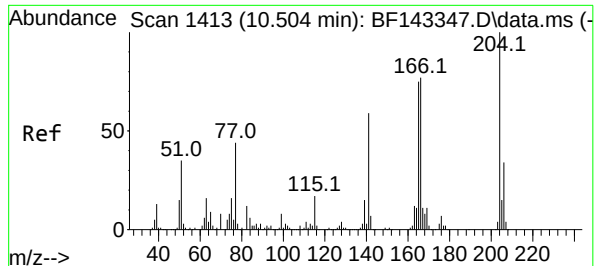
Ion Ratio Lower Upper

149 100

177 22.9 18.2 27.2

150 12.5 9.9 14.9

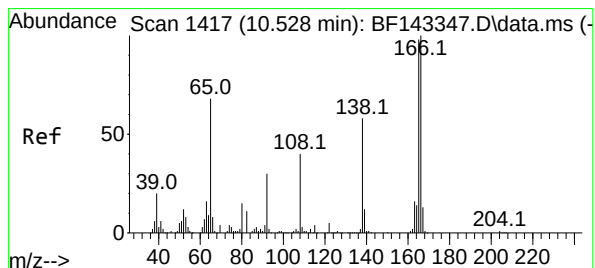
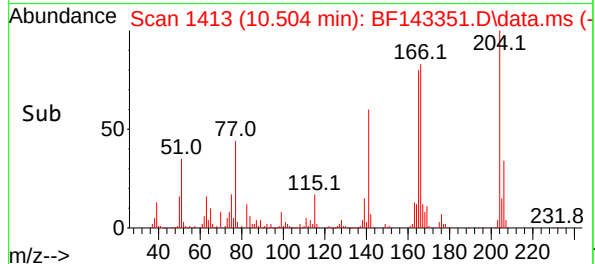
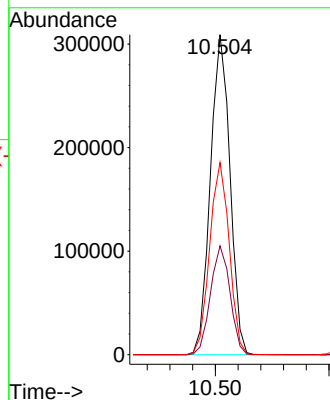
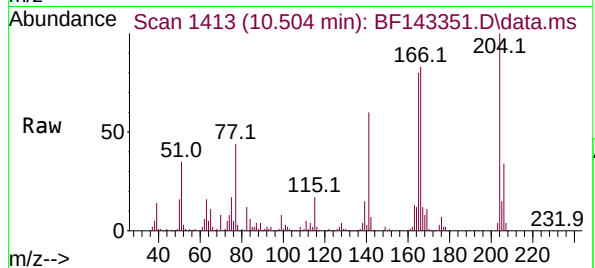




#61
4-Chlorophenyl-phenylether
Concen: 38.123 ng
RT: 10.504 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

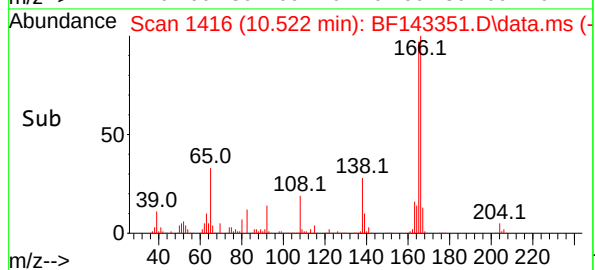
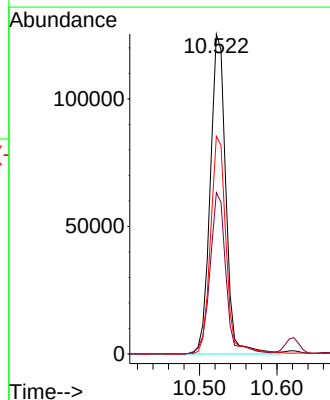
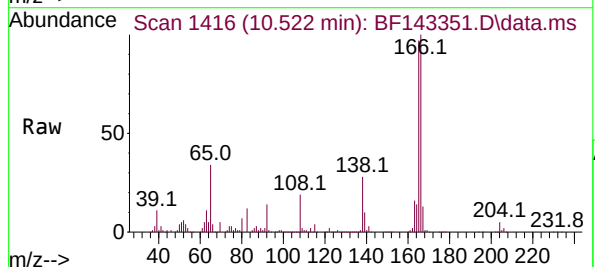
Instrument :
BNA_F
ClientSampleId :
ICVBF081225

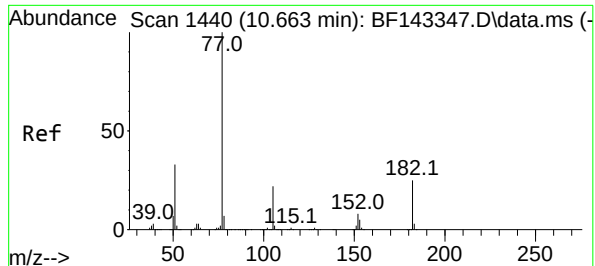
Tgt Ion:204 Resp: 368971
Ion Ratio Lower Upper
204 100
206 34.0 27.4 41.2
141 60.1 46.9 70.3



#62
4-Nitroaniline
Concen: 44.317 ng
RT: 10.522 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:138 Resp: 174863
Ion Ratio Lower Upper
138 100
92 50.4 31.2 71.2
108 68.1 48.1 88.1

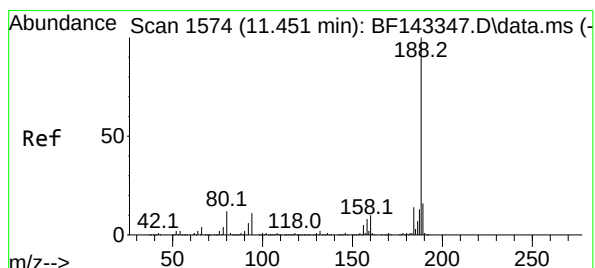
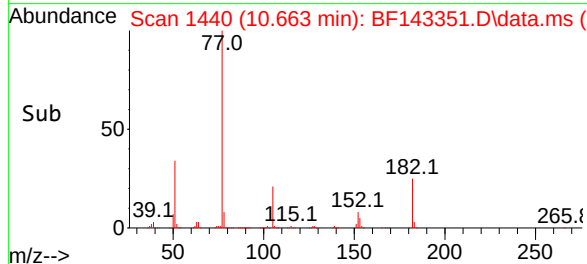
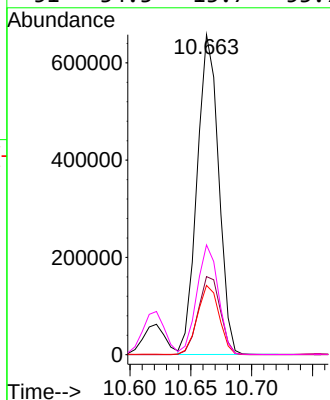
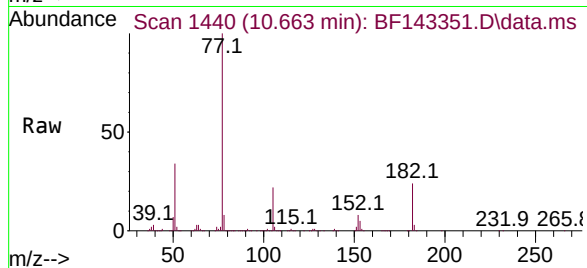




#63
Azobenzene
Concen: 39.721 ng
RT: 10.663 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

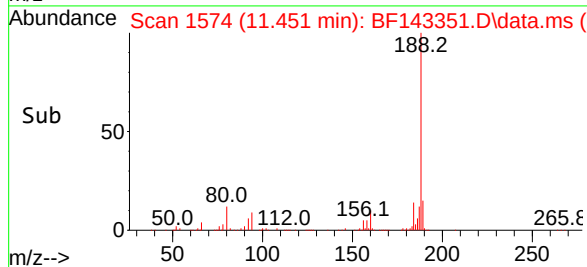
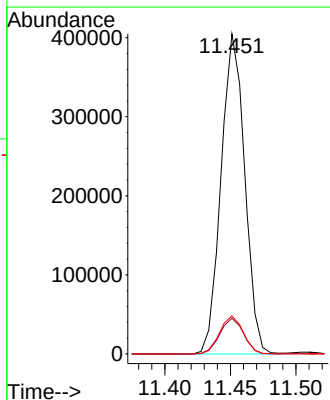
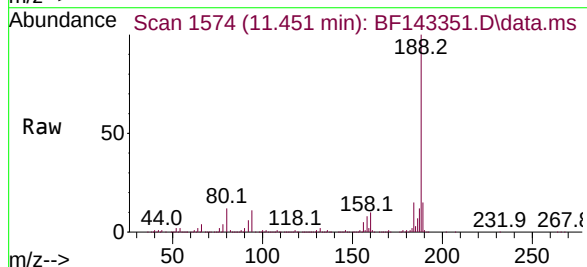
Instrument :
BNA_F
ClientSampleId :
ICVBF081225

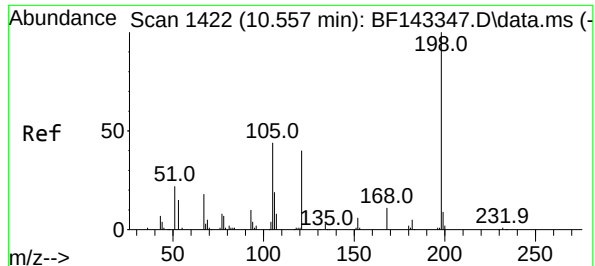
Tgt Ion: 77	Resp: 809295
Ion Ratio	Lower Upper
77 100	
182 24.4	4.4 44.4
105 21.7	1.8 41.8
51 34.3	13.7 53.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion: 188	Resp: 507289
Ion Ratio	Lower Upper
188 100	
94 11.2	8.8 13.2
80 11.9	9.7 14.5

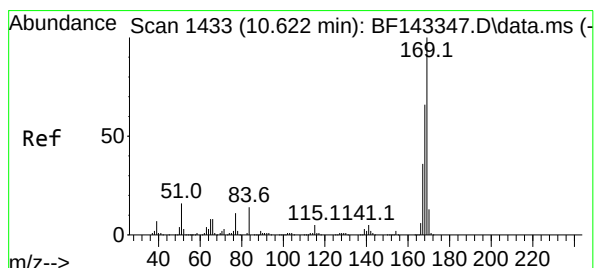
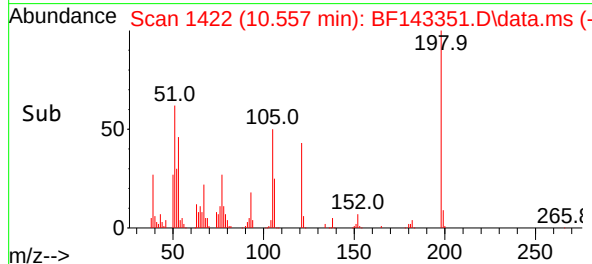
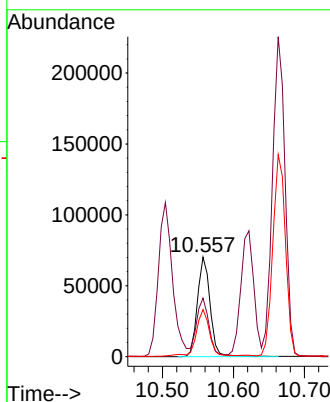
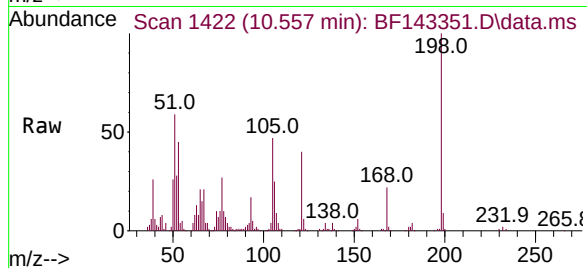




#65
4,6-Dinitro-2-methylphenol
Concen: 43.535 ng
RT: 10.557 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

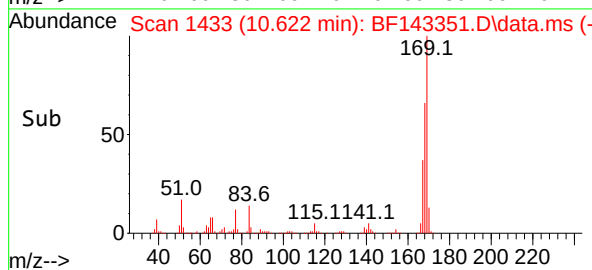
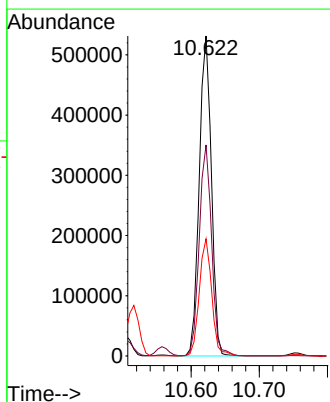
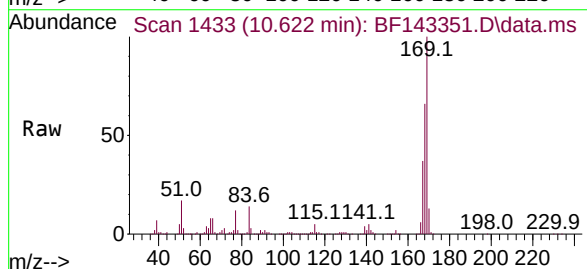
Instrument :
BNA_F
ClientSampleId :
ICVBF081225

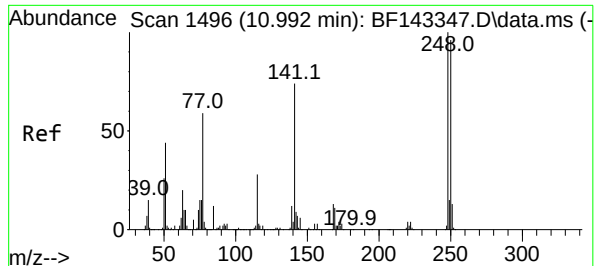
Tgt Ion	Ratio	Lower	Upper
198	100		
51	58.8	41.7	81.7
105	47.3	26.8	66.8



#66
n-Nitrosodiphenylamine
Concen: 39.468 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.0	52.7	79.1
167	36.6	28.6	42.8

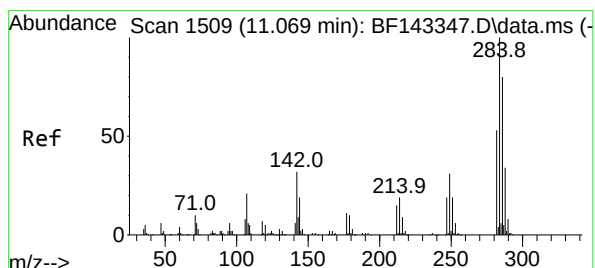
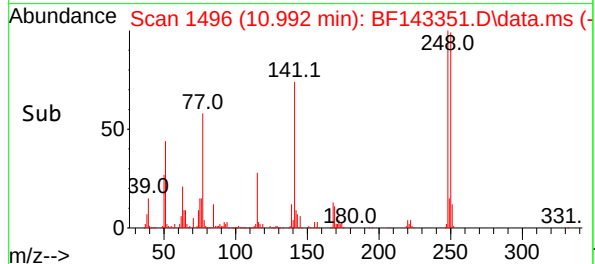
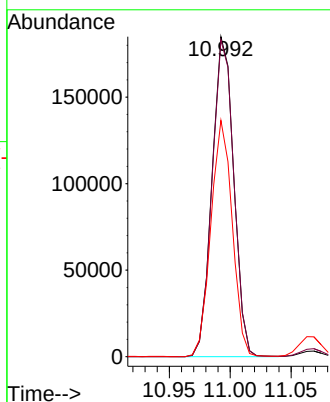
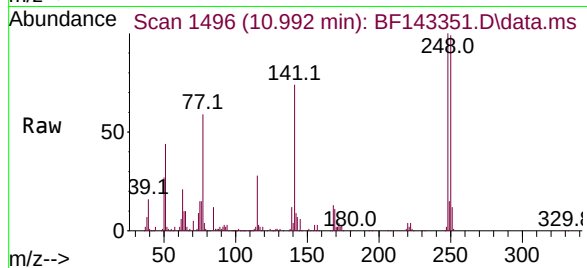




#67
4-Bromophenyl-phenylether
Concen: 39.466 ng
RT: 10.992 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

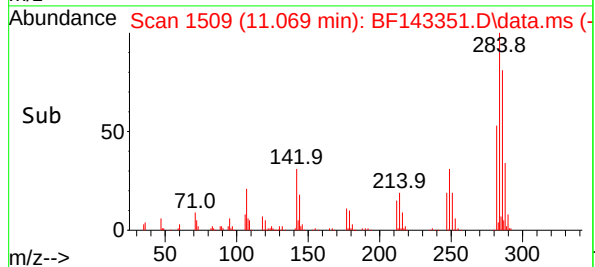
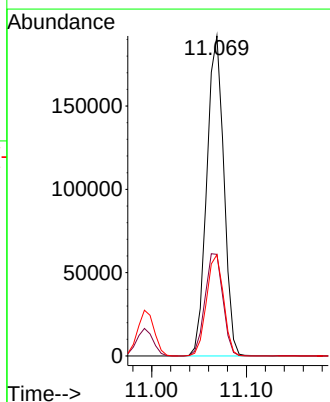
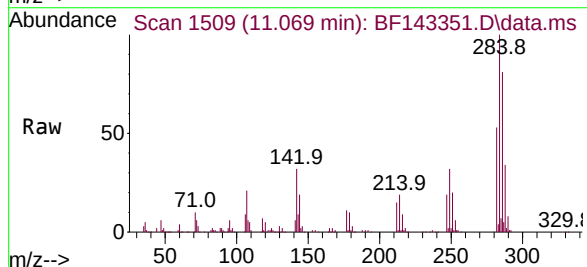
Instrument :
BNA_F
ClientSampleId :
ICVBF081225

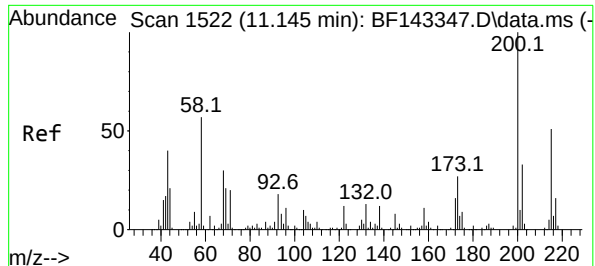
Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.9	77.1	115.7
141	73.9	59.1	88.7



#68
Hexachlorobenzene
Concen: 38.460 ng
RT: 11.069 min Scan# 1509
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.7	25.7	38.5
249	31.6	24.6	37.0





#69

Atrazine

Concen: 40.936 ng

RT: 11.145 min Scan# 1522

Delta R.T. 0.000 min

Lab File: BF143351.D

Acq: 12 Aug 2025 13:52

Instrument :

BNA_F

ClientSampleId :

ICVBF081225

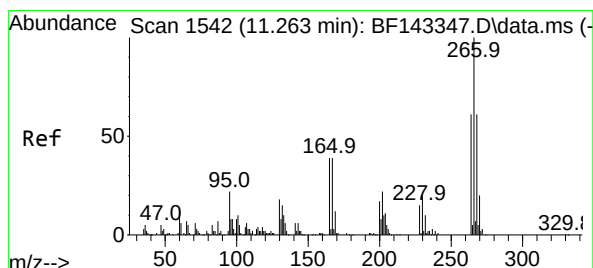
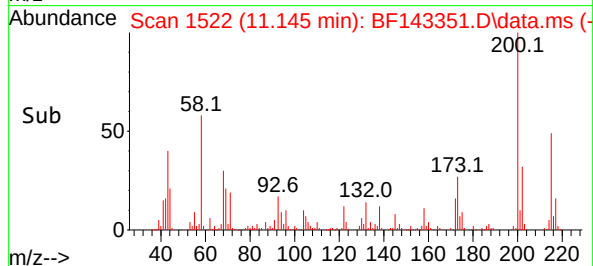
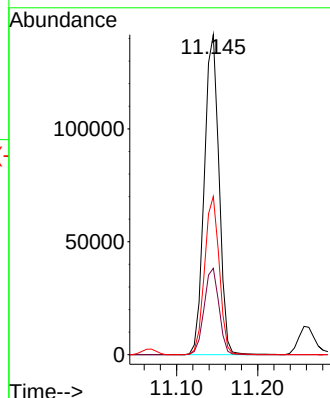
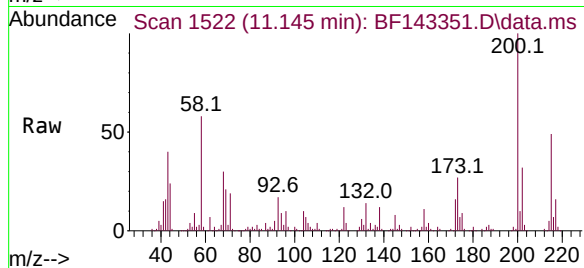
Tgt Ion:200 Resp: 178347

Ion Ratio Lower Upper

200 100

173 27.0 6.6 46.6

215 49.4 30.6 70.6



#70

Pentachlorophenol

Concen: 38.771 ng

RT: 11.263 min Scan# 1542

Delta R.T. -0.000 min

Lab File: BF143351.D

Acq: 12 Aug 2025 13:52

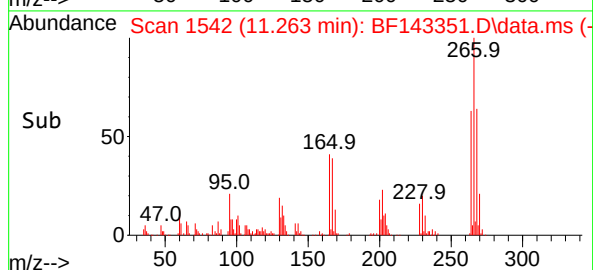
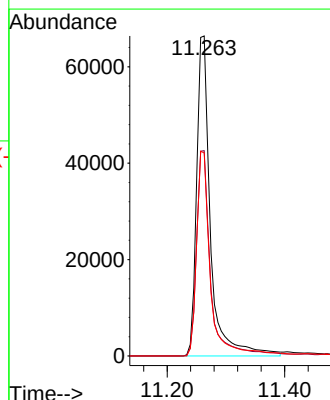
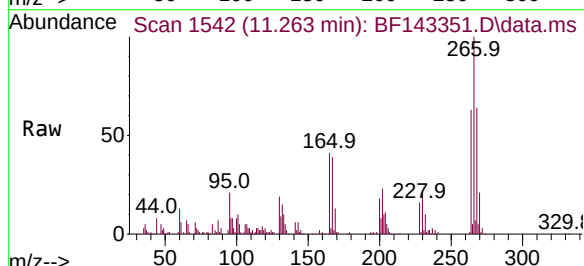
Tgt Ion:266 Resp: 108593

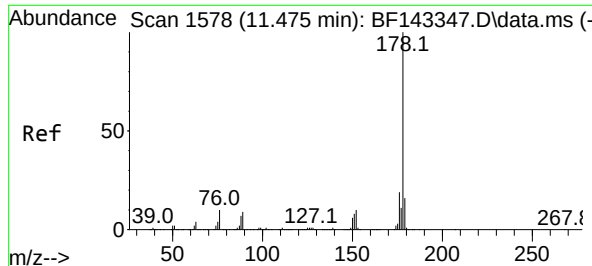
Ion Ratio Lower Upper

266 100

268 64.2 48.8 73.2

264 63.4 48.8 73.2

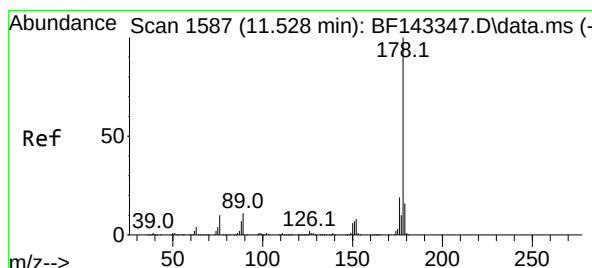
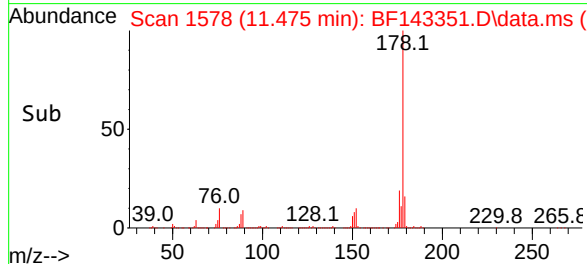
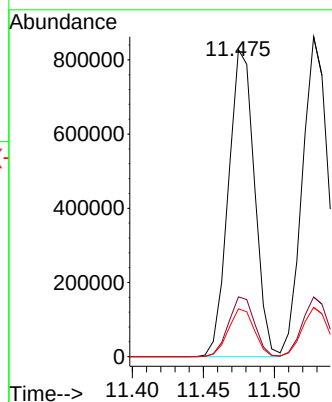
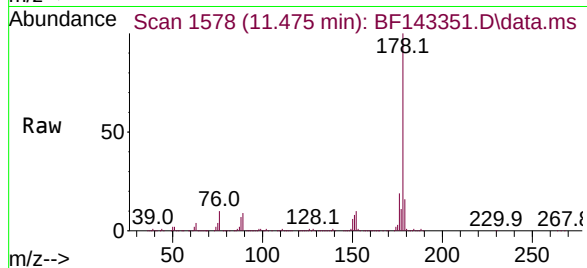




#71
Phenanthrene
Concen: 38.330 ng
RT: 11.475 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

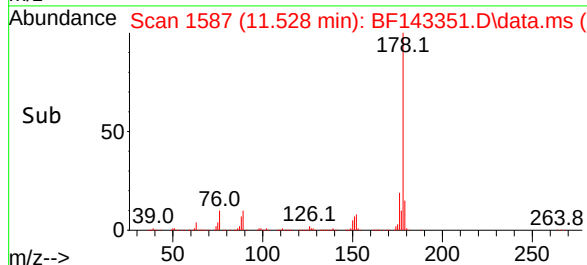
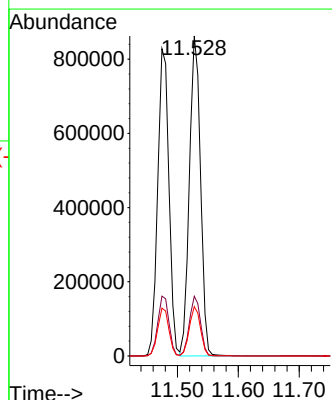
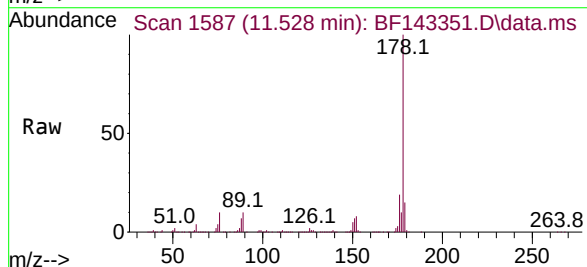
Instrument :
BNA_F
ClientSampleId :
ICVBF081225

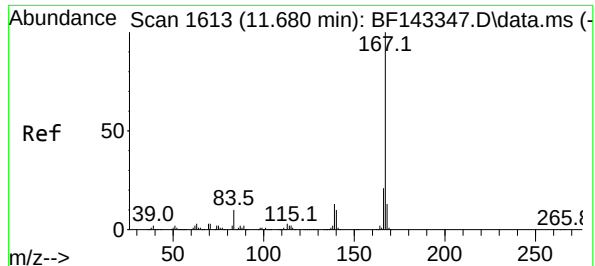
Tgt Ion:178 Resp: 1060892
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 15.5 12.5 18.7



#72
Anthracene
Concen: 38.834 ng
RT: 11.528 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:178 Resp: 1090047
Ion Ratio Lower Upper
178 100
176 18.6 15.1 22.7
179 15.4 12.7 19.1

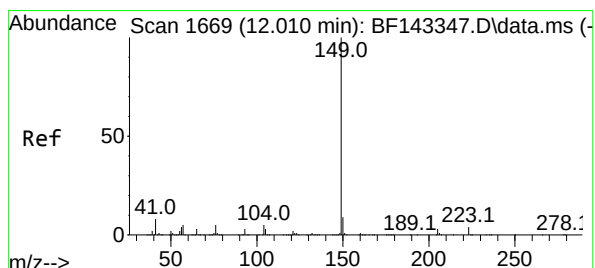
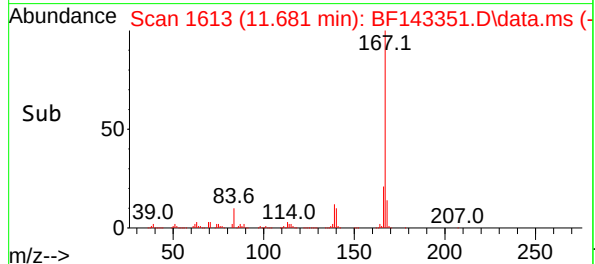
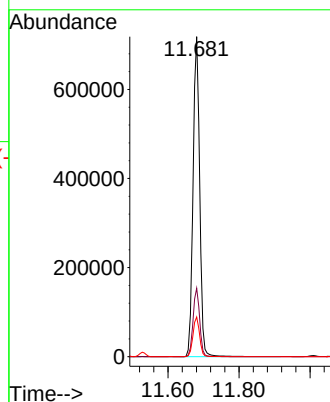
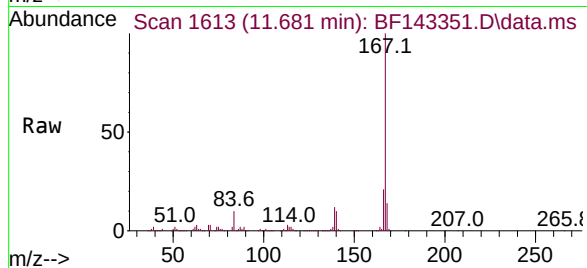




#73
Carbazole
Concen: 38.877 ng
RT: 11.681 min Scan# 1613
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

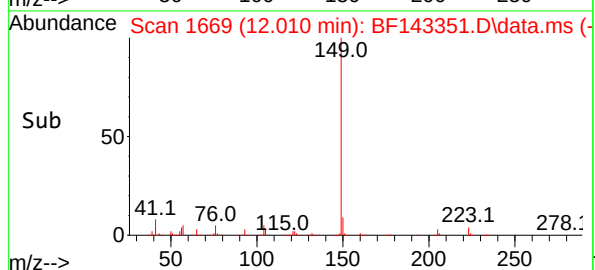
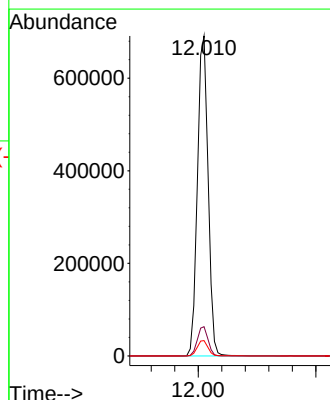
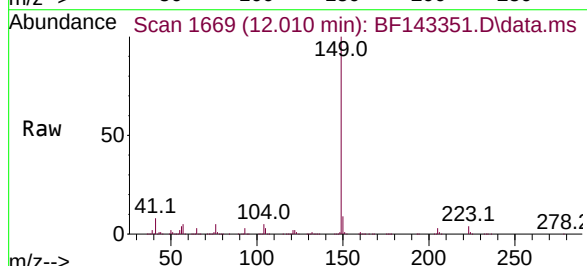
Instrument :
BNA_F
ClientSampleId :
ICVBF081225

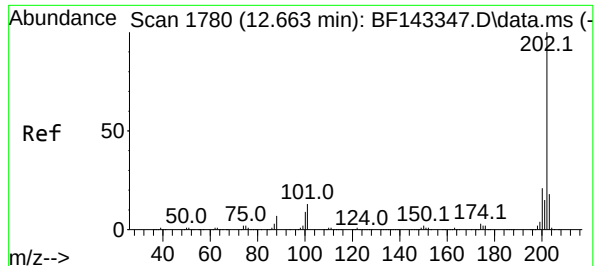
Tgt Ion:167 Resp: 929366
Ion Ratio Lower Upper
167 100
166 21.4 16.8 25.2
139 12.4 10.2 15.2



#74
Di-n-butylphthalate
Concen: 43.060 ng
RT: 12.010 min Scan# 1669
Delta R.T. -0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:149 Resp: 871054
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 4.8 3.8 5.8

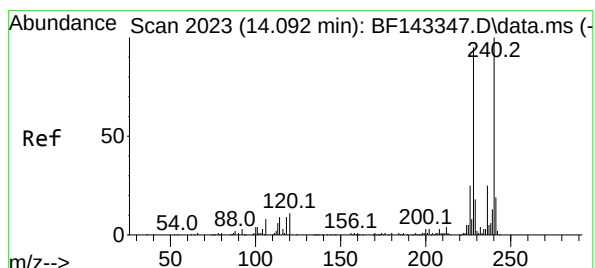
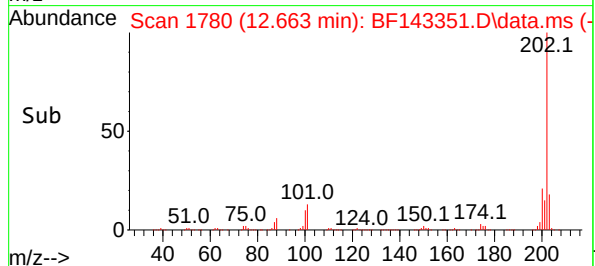
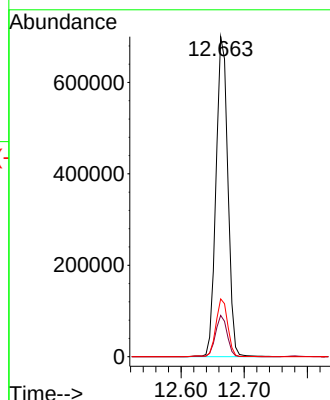
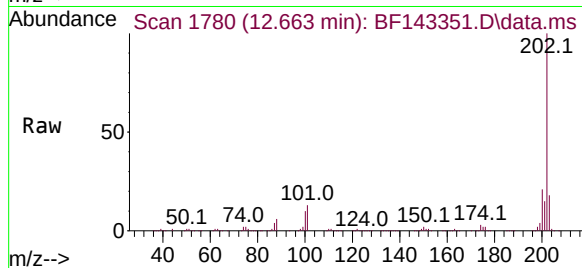




#75
Fluoranthene
Concen: 37.543 ng
RT: 12.663 min Scan# 1780
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

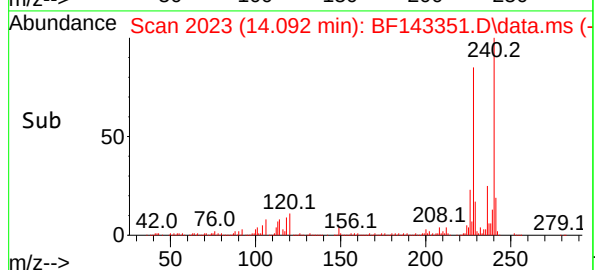
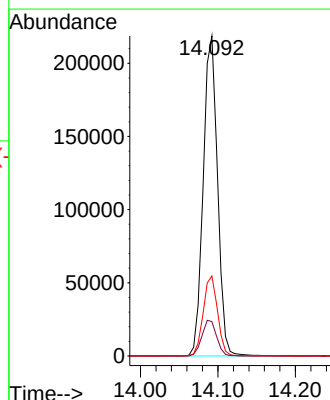
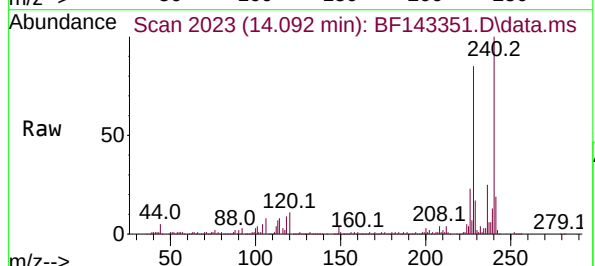
Instrument :
BNA_F
ClientSampleId :
ICVBF081225

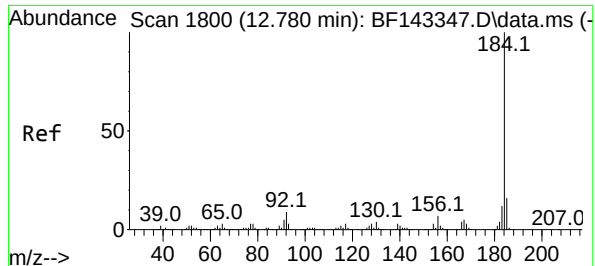
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	33.2
203	18.1	0.0	37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.0	13.6
236	25.0	19.9	29.9

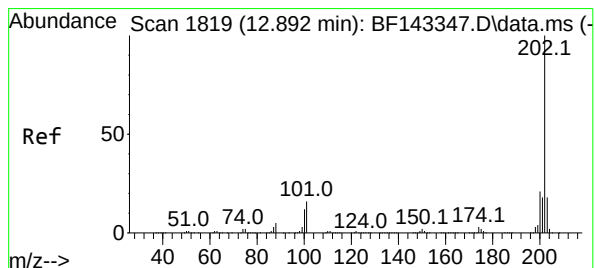
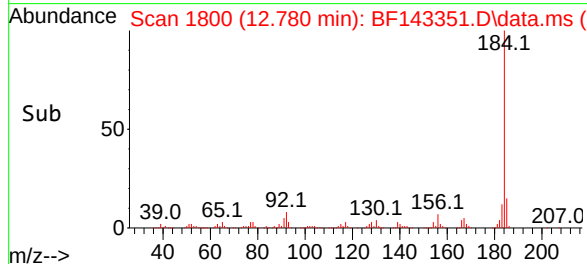
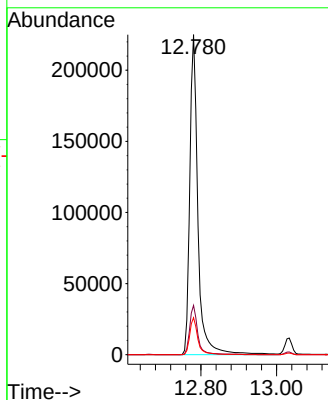
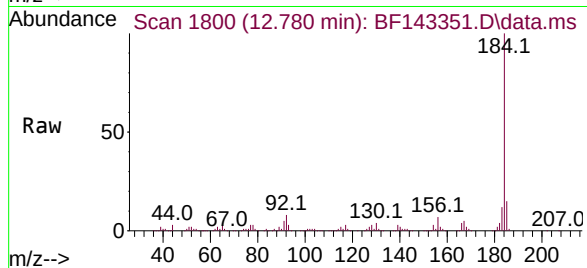




#77
Benzidine
Concen: 43.872 ng
RT: 12.780 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

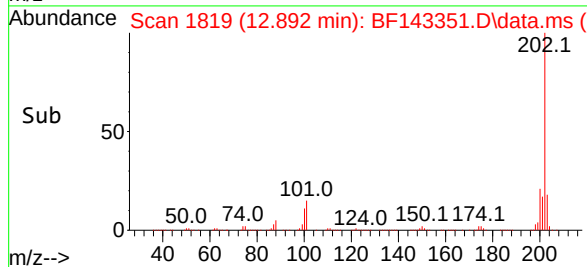
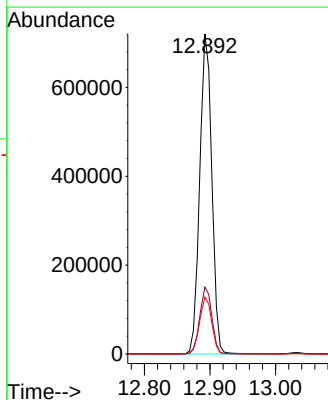
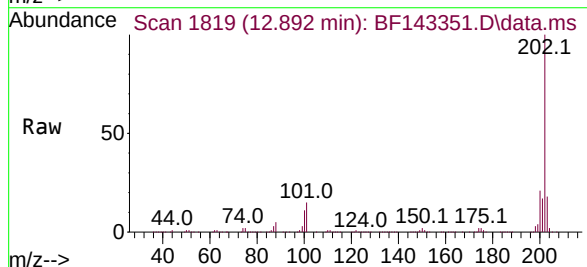
Instrument :
BNA_F
ClientSampleId :
ICVBF081225

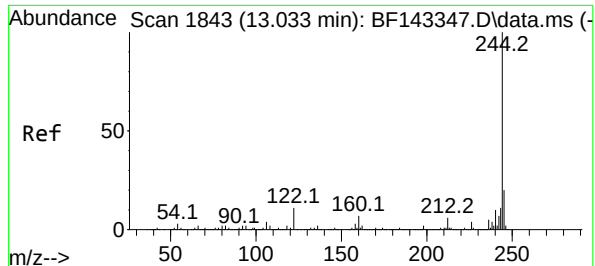
Tgt Ion:184 Resp: 336170
Ion Ratio Lower Upper
184 100
185 15.4 12.8 19.2
183 11.5 9.3 13.9



#78
Pyrene
Concen: 39.329 ng
RT: 12.892 min Scan# 1819
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:202 Resp: 924712
Ion Ratio Lower Upper
202 100
200 20.8 16.8 25.2
203 17.7 14.2 21.4





#79

Terphenyl-d14

Concen: 78.222 ng

RT: 13.033 min Scan# 1843

Delta R.T. 0.000 min

Lab File: BF143351.D

Acq: 12 Aug 2025 13:52

Instrument :

BNA_F

ClientSampleId :

ICVBF081225

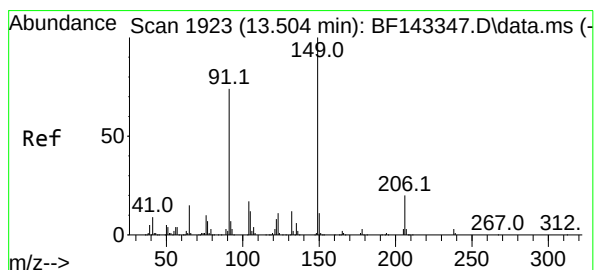
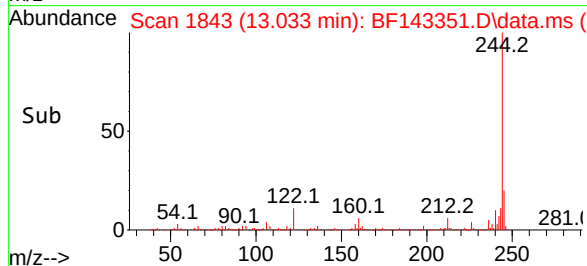
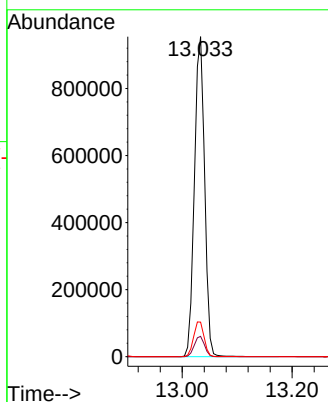
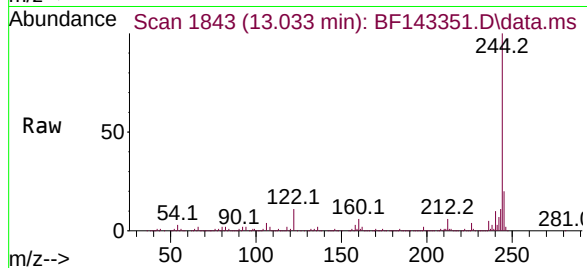
Tgt Ion:244 Resp: 1227991

Ion Ratio Lower Upper

244 100

212 6.4 5.1 7.7

122 10.8 8.9 13.3



#80

Butylbenzylphthalate

Concen: 41.012 ng

RT: 13.504 min Scan# 1923

Delta R.T. -0.000 min

Lab File: BF143351.D

Acq: 12 Aug 2025 13:52

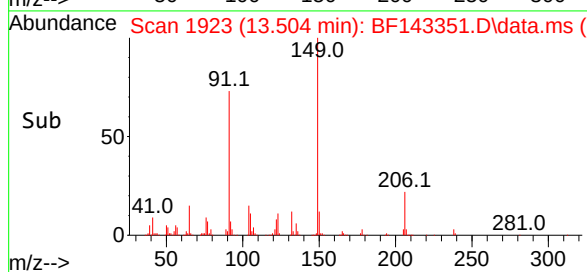
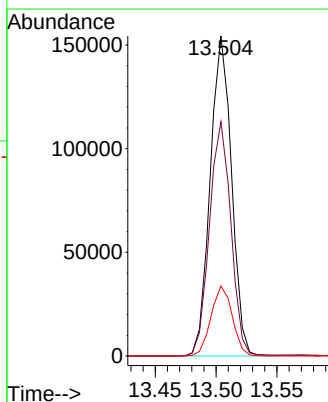
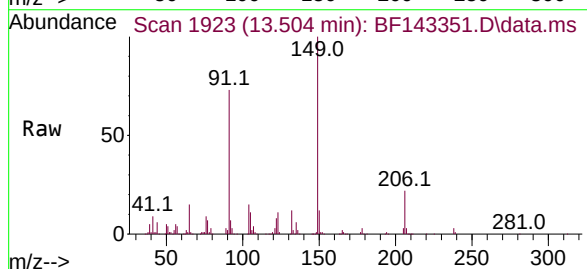
Tgt Ion:149 Resp: 188120

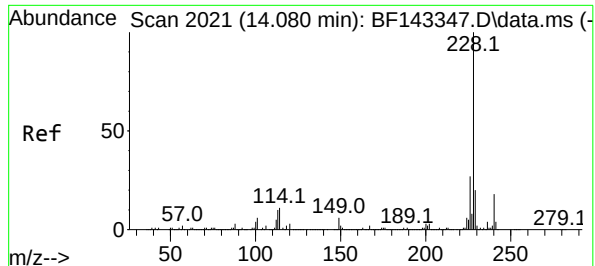
Ion Ratio Lower Upper

149 100

91 73.2 58.8 88.2

206 21.8 16.4 24.6

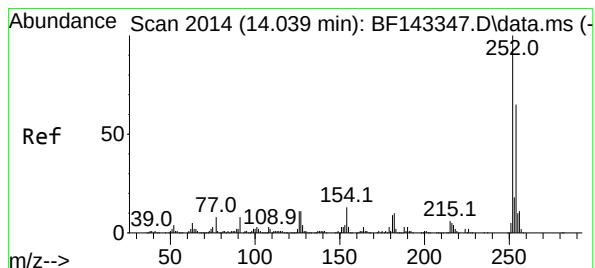
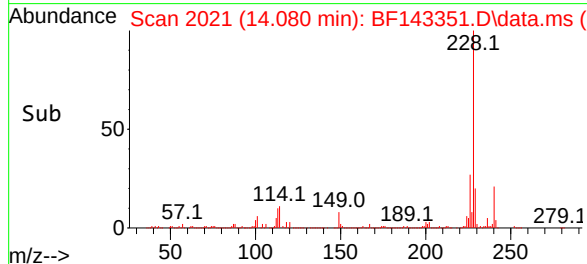
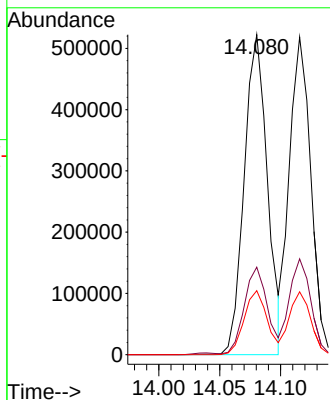
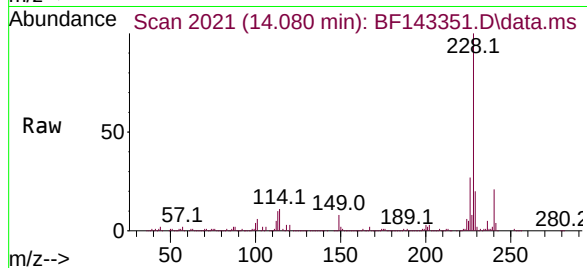




#81
Benzo(a)anthracene
Concen: 38.956 ng
RT: 14.080 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

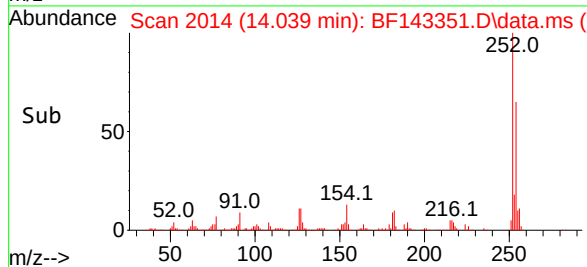
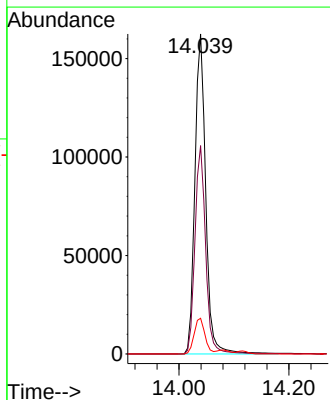
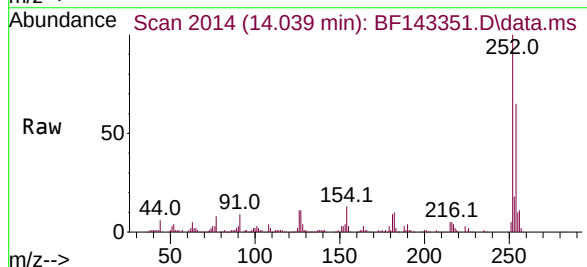
Instrument :
BNA_F
ClientSampleId :
ICVBF081225

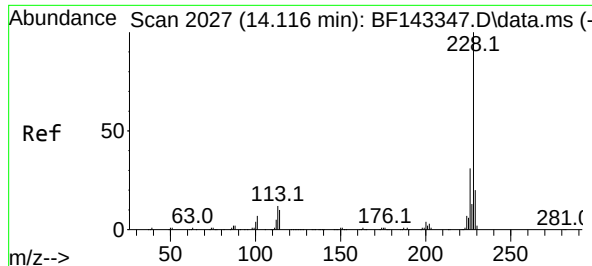
Tgt Ion:228 Resp: 693960
Ion Ratio Lower Upper
228 100
226 27.3 22.0 33.0
229 20.0 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 46.252 ng
RT: 14.039 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:252 Resp: 222482
Ion Ratio Lower Upper
252 100
254 65.1 51.7 77.5
126 11.2 9.2 13.8

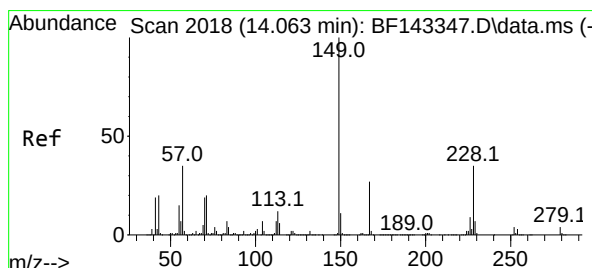
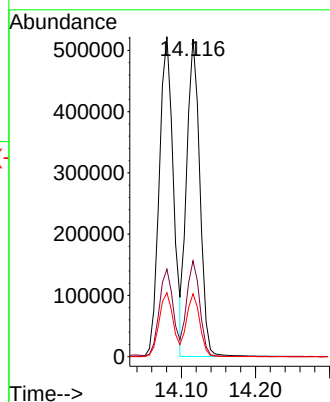
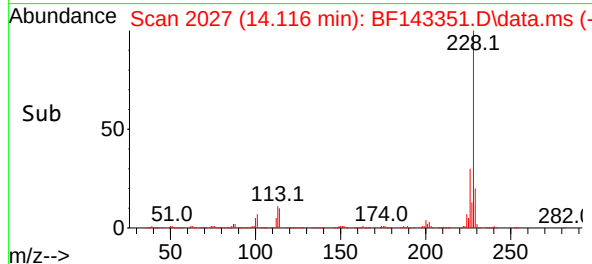
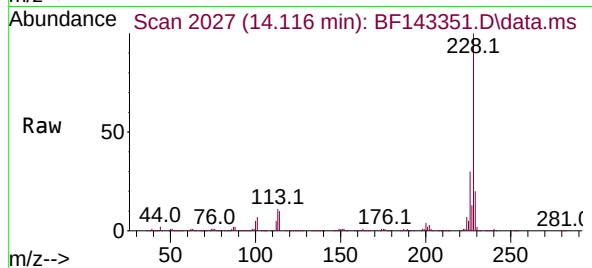




#83
Chrysene
Concen: 38.503 ng
RT: 14.116 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

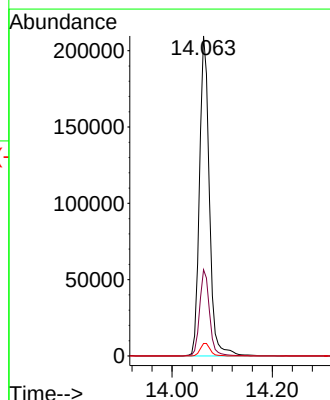
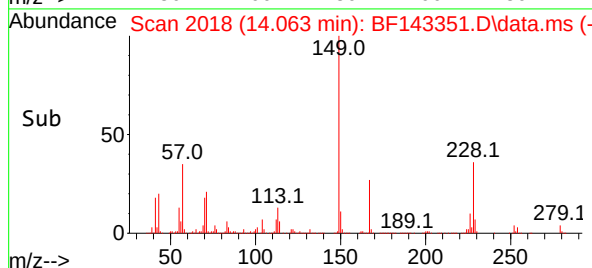
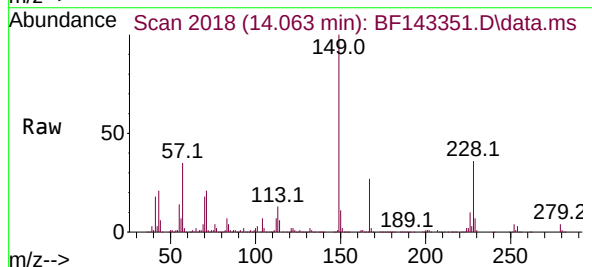
Instrument :
BNA_F
ClientSampleId :
ICVBF081225

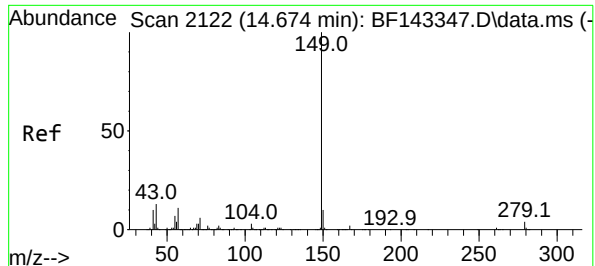
Tgt Ion:228 Resp: 639568
Ion Ratio Lower Upper
228 100
226 30.2 24.2 36.2
229 19.8 15.8 23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.315 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:149 Resp: 285665
Ion Ratio Lower Upper
149 100
167 26.9 21.4 32.0
279 3.9 3.2 4.8

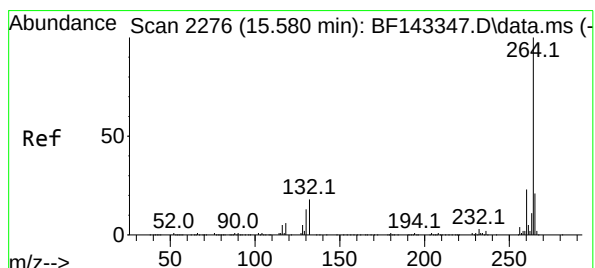
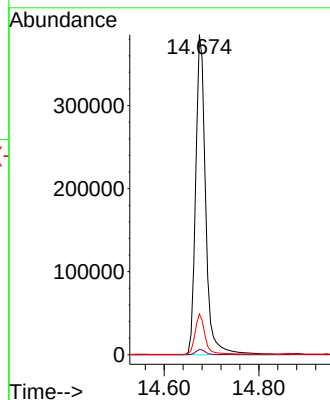
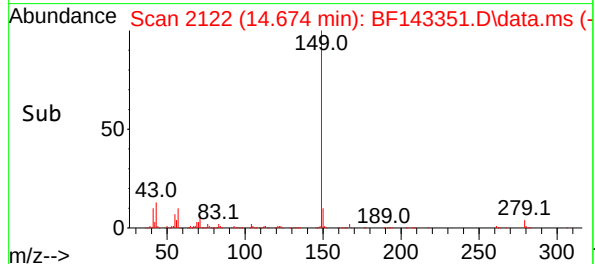
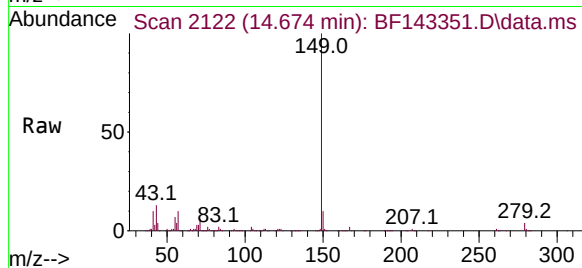




#85
Di-n-octyl phthalate
Concen: 42.219 ng
RT: 14.674 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

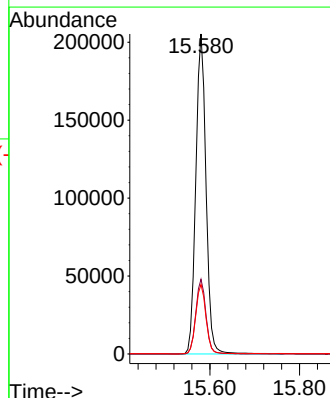
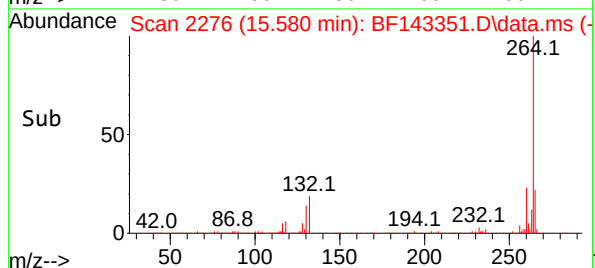
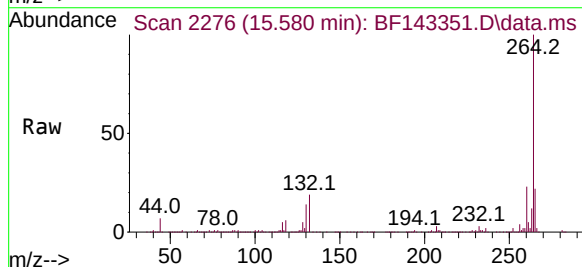
Instrument :
BNA_F
ClientSampleId :
ICVBF081225

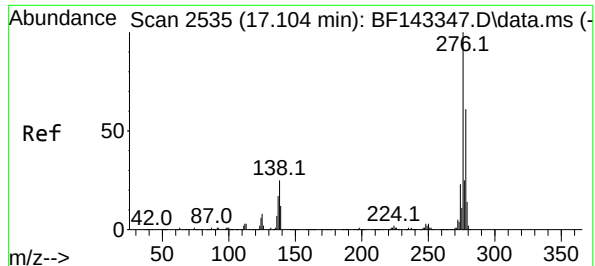
Tgt Ion:149 Resp: 563193
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.6 10.8 16.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2276
Delta R.T. 0.000 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:264 Resp: 324835
Ion Ratio Lower Upper
264 100
260 23.4 18.7 28.1
265 21.7 17.2 25.8

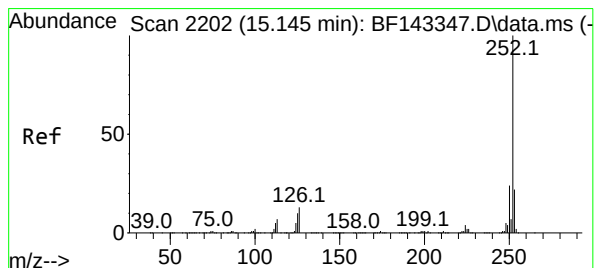
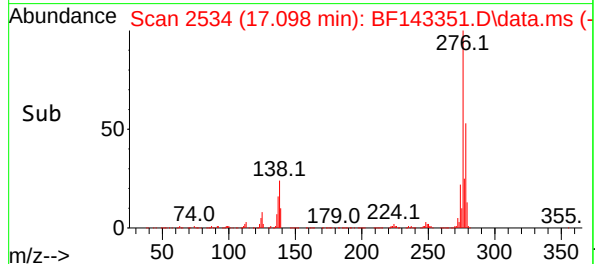
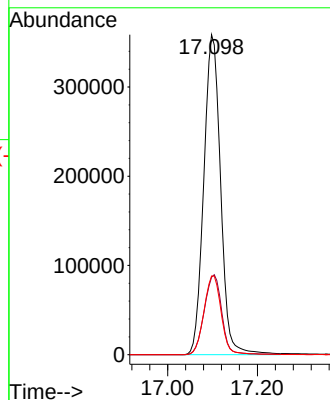
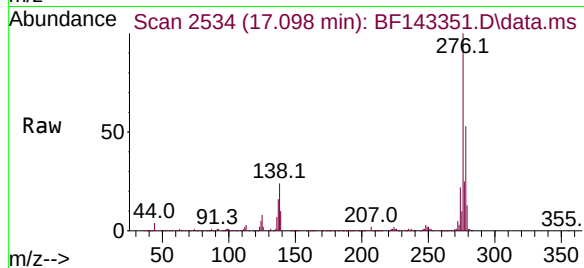




#87
Indeno(1,2,3-cd)pyrene
Concen: 40.136 ng
RT: 17.098 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

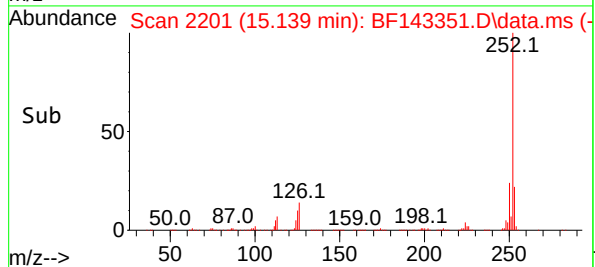
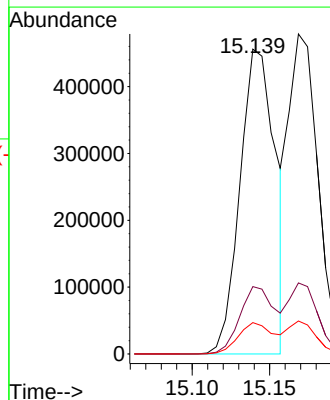
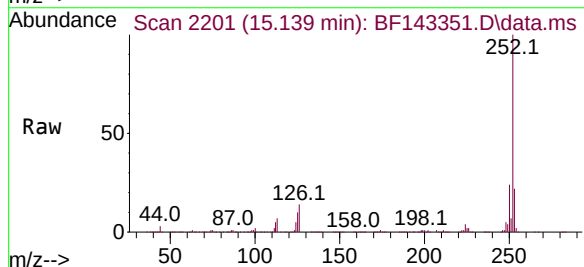
Instrument :
BNA_F
ClientSampleId :
ICVBF081225

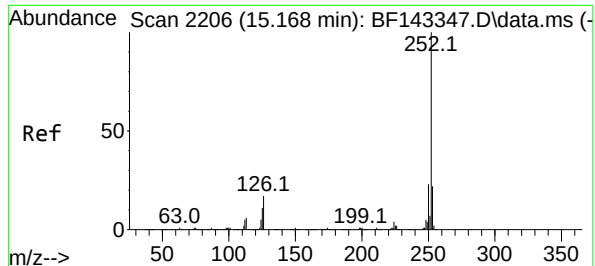
Tgt Ion:276 Resp: 934056
Ion Ratio Lower Upper
276 100
138 26.0 21.1 31.7
277 25.2 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 40.856 ng
RT: 15.139 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BF143351.D
Acq: 12 Aug 2025 13:52

Tgt Ion:252 Resp: 725882
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 10.3 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 37.064 ng

RT: 15.169 min Scan# 2206

Delta R.T. 0.000 min

Lab File: BF143351.D

Acq: 12 Aug 2025 13:52

Instrument :

BNA_F

ClientSampleId :

ICVBF081225

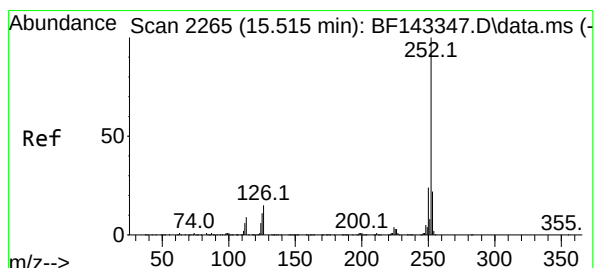
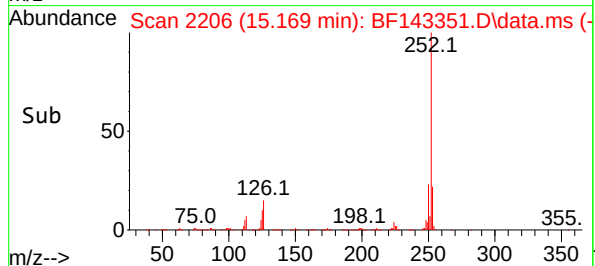
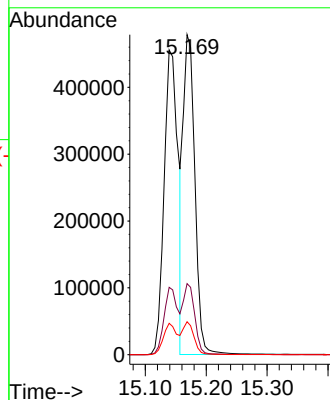
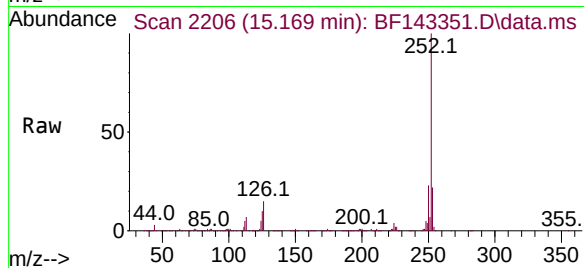
Tgt Ion:252 Resp: 639883

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 10.3 8.4 12.6



#90

Benzo(a)pyrene

Concen: 41.027 ng

RT: 15.516 min Scan# 2265

Delta R.T. 0.000 min

Lab File: BF143351.D

Acq: 12 Aug 2025 13:52

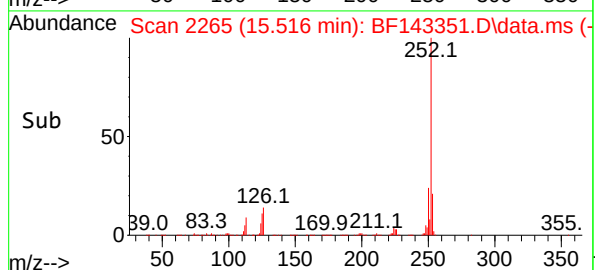
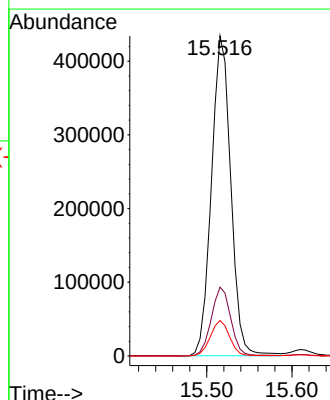
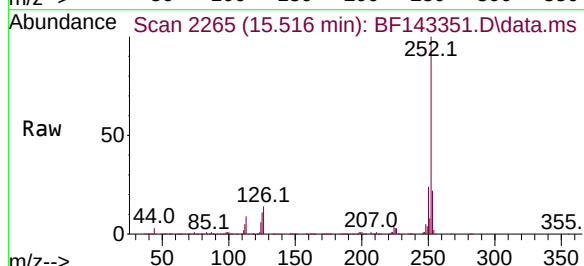
Tgt Ion:252 Resp: 686526

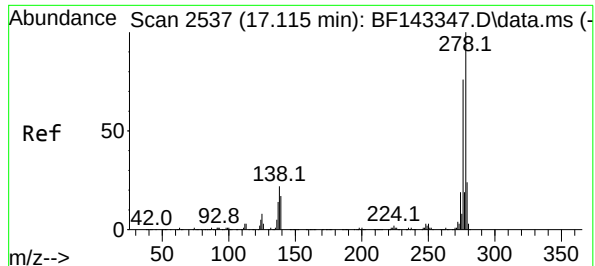
Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

125 11.1 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 40.736 ng

RT: 17.115 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF143351.D

Acq: 12 Aug 2025 13:52

Instrument :

BNA_F

ClientSampleId :

ICVBF081225

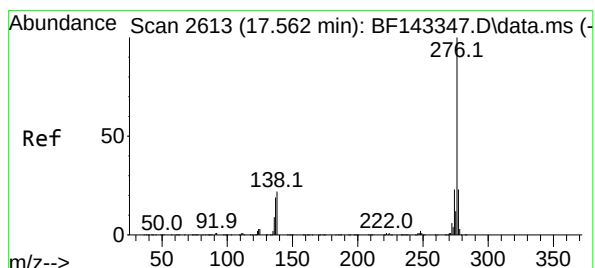
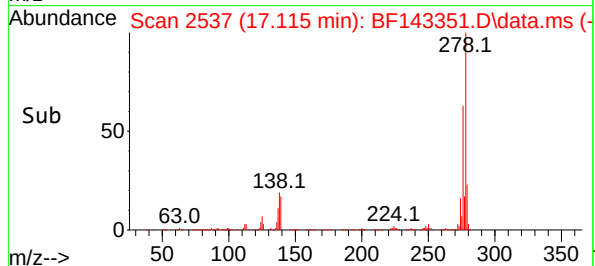
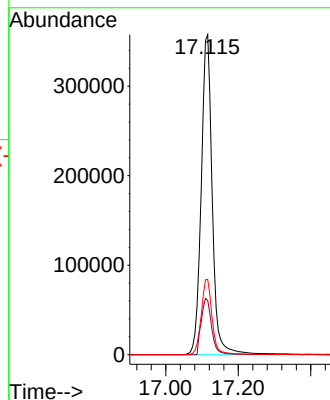
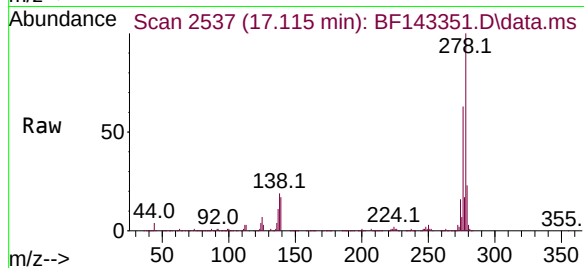
Tgt Ion:278 Resp: 757376

Ion Ratio Lower Upper

278 100

139 17.0 14.0 21.0

279 23.5 19.4 29.0



#92

Benzo(g,h,i)perylene

Concen: 41.001 ng

RT: 17.557 min Scan# 2612

Delta R.T. -0.006 min

Lab File: BF143351.D

Acq: 12 Aug 2025 13:52

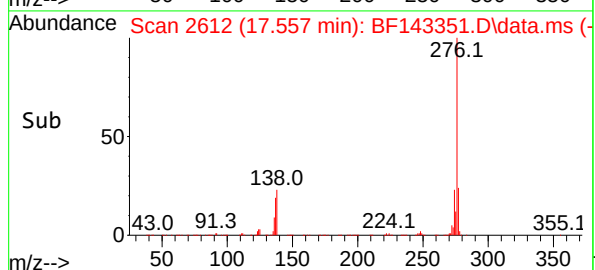
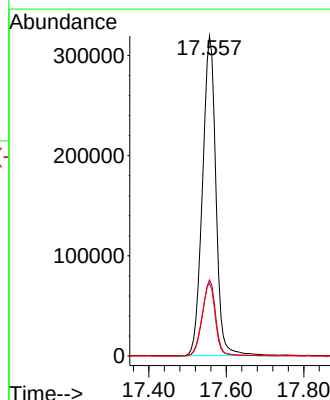
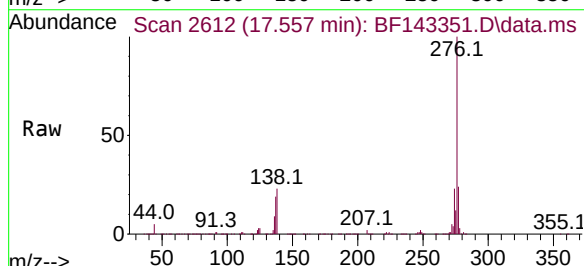
Tgt Ion:276 Resp: 767923

Ion Ratio Lower Upper

276 100

277 23.7 18.7 28.1

138 22.8 17.8 26.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
 Data File : BF143351.D
 Acq On : 12 Aug 2025 13:52
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081225

Quant Time: Aug 12 14:13:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 12 13:25:39 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	97	0.00
2	1,4-Dioxane	0.598	0.557	6.9	91	0.00
3	Pyridine	1.595	1.545	3.1	93	0.00
4	n-Nitrosodimethylamine	0.743	0.769	-3.5	99	0.00
5 S	2-Fluorophenol	1.157	1.115	3.6	92	0.00
6	Aniline	2.091	2.122	-1.5	97	0.00
7 S	Phenol-d6	1.483	1.409	5.0	91	0.00
8	2-Chlorophenol	1.236	1.268	-2.6	98	0.00
9	Benzaldehyde	0.980	0.989	-0.9	95	0.00
10 C	Phenol	1.757	1.768	-0.6	97	0.00
11	bis(2-Chloroethyl)ether	1.295	1.263	2.5	94	0.00
12	1,3-Dichlorobenzene	1.425	1.419	0.4	96	0.00
13 C	1,4-Dichlorobenzene	1.431	1.436	-0.3	99	0.00
14	1,2-Dichlorobenzene	1.358	1.371	-1.0	99	0.00
15	Benzyl Alcohol	1.063	1.125	-5.8	101	0.00
16	2,2'-oxybis(1-Chloropropane	2.312	2.300	0.5	97	0.00
17	2-Methylphenol	1.043	1.067	-2.3	98	0.00
18	Hexachloroethane	0.449	0.475	-5.8	100	0.00
19 P	n-Nitroso-di-n-propylamine	0.916	0.915	0.1	98	0.00
20	3+4-Methylphenols	1.262	1.296	-2.7	98	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	97	0.00
22	Acetophenone	0.441	0.440	0.2	99	0.00
23 S	Nitrobenzene-d5	0.321	0.334	-4.0	96	0.00
24	Nitrobenzene	0.349	0.357	-2.3	96	0.00
25	Isophorone	0.656	0.651	0.8	98	0.00
26 C	2-Nitrophenol	0.118	0.150	-27.1#	115	0.00
27	2,4-Dimethylphenol	0.274	0.304	-10.9	105	0.00
28	bis(2-Chloroethoxy)methane	0.400	0.397	0.8	97	0.00
29 C	2,4-Dichlorophenol	0.267	0.276	-3.4	97	0.00
30	1,2,4-Trichlorobenzene	0.282	0.289	-2.5	101	0.00
31	Naphthalene	0.962	0.923	4.1	95	0.00
32	Benzoic acid	0.110	0.124	-12.7	111	0.00
33	4-Chloroaniline	0.347	0.387	-11.5	109	0.00
34 C	Hexachlorobutadiene	0.175	0.173	1.1	95	0.00
35	Caprolactam	0.075	0.079	-5.3	97	0.00
36 C	4-Chloro-3-methylphenol	0.280	0.285	-1.8	96	0.00
37	2-Methylnaphthalene	0.633	0.558	11.8	87	0.00
38	1-Methylnaphthalene	0.609	0.578	5.1	94	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	99	0.00
40	1,2,4,5-Tetrachlorobenzene	0.547	0.537	1.8	98	0.00
41 P	Hexachlorocyclopentadiene	0.158	0.237	-50.0#	140	0.00
42 S	2,4,6-Tribromophenol	0.146	0.155	-6.2	96	0.00
43 C	2,4,6-Trichlorophenol	0.311	0.333	-7.1	98	0.00
44	2,4,5-Trichlorophenol	0.351	0.362	-3.1	95	0.00
45 S	2-Fluorobiphenyl	1.179	1.093	7.3	95	0.00
46	1,1'-Biphenyl	1.414	1.372	3.0	97	0.00
47	2-Chloronaphthalene	1.114	1.061	4.8	96	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
 Data File : BF143351.D
 Acq On : 12 Aug 2025 13:52
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081225

Quant Time: Aug 12 14:13:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 12 13:25:39 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	0.284	0.336	-18.3	107	0.00
49	Acenaphthylene	1.608	1.709	-6.3	106	0.00
50	Dimethylphthalate	1.169	1.172	-0.3	98	0.00
51	2,6-Dinitrotoluene	0.193	0.248	-28.5#	115	0.00
52 C	Acenaphthene	1.069	1.013	5.2	95	0.00
53	3-Nitroaniline	0.239	0.285	-19.2	108	0.00
54 P	2,4-Dinitrophenol	0.065	0.082	-26.2#	123	0.00
55	Dibenzofuran	1.539	1.487	3.4	97	0.00
56 P	4-Nitrophenol	0.163	0.183	-12.3	104	0.00
57	2,4-Dinitrotoluene	0.256	0.317	-23.8	108	0.00
58	Fluorene	1.175	1.117	4.9	97	0.00
59	2,3,4,6-Tetrachlorophenol	0.236	0.296	-25.4#	115	0.00
60	Diethylphthalate	1.047	1.055	-0.8	96	0.00
61	4-Chlorophenyl-phenylether	0.568	0.541	4.8	95	0.00
62	4-Nitroaniline	0.232	0.257	-10.8	102	0.00
63	Azobenzene	1.196	1.187	0.8	98	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	98	0.00
65	4,6-Dinitro-2-methylphenol	0.069	0.086	-24.6	119	0.00
66 c	n-Nitrosodiphenylamine	0.659	0.650	1.4	97	0.00
67	4-Bromophenyl-phenylether	0.229	0.226	1.3	96	0.00
68	Hexachlorobenzene	0.247	0.237	4.0	95	0.00
69	Atrazine	0.172	0.176	-2.3	97	0.00
70 C	Pentachlorophenol	0.101	0.107	-5.9	97	0.00
71	Phenanthrene	1.091	1.046	4.1	95	0.00
72	Anthracene	1.107	1.074	3.0	97	0.00
73	Carbazole	0.942	0.916	2.8	96	0.00
74	Di-n-butylphthalate	0.798	0.859	-7.6	97	0.00
75 C	Fluoranthene	0.956	0.897	6.2	96	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	97	0.00
77	Benzydine	0.547	0.600	-9.7	98	0.00
78	Pyrene	1.678	1.650	1.7	96	0.00
79 S	Terphenyl-d14	1.120	1.095	2.2	97	0.00
80	Butylbenzylphthalate	0.284	0.336	-18.3	107	0.00
81	Benzo(a)anthracene	1.271	1.238	2.6	95	0.00
82	3,3'-Dichlorobenzidine	0.343	0.397	-15.7	105	0.00
83	Chrysene	1.185	1.141	3.7	94	0.00
84	Bis(2-ethylhexyl)phthalate	0.403	0.510	-26.6#	112	0.00
85 c	Di-n-octyl phthalate	0.860	1.005	-16.9	109	0.00
86 I	Perylene-d12	1.000	1.000	0.0	99	0.00
87	Indeno(1,2,3-cd)pyrene	1.433	1.438	-0.3	98	0.00
88	Benzo(b)fluoranthene	1.094	1.117	-2.1	99	0.00
89	Benzo(k)fluoranthene	1.063	0.985	7.3	94	0.00
90 C	Benzo(a)pyrene	1.030	1.057	-2.6	101	0.00
91	Dibenzo(a,h)anthracene	1.145	1.166	-1.8	99	0.00
92	Benzo(g,h,i)perylene	1.153	1.182	-2.5	100	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143351.D
Acq On : 12 Aug 2025 13:52
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF081225

Quant Time: Aug 12 14:13:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 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 = 1

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
 Data File : BF143351.D
 Acq On : 12 Aug 2025 13:52
 Operator : RC/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 12 13:25:39 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	97	0.00
2	1,4-Dioxane	40.000	37.259	6.9	91	0.00
3	Pyridine	40.000	38.741	3.1	93	0.00
4	n-Nitrosodimethylamine	40.000	41.403	-3.5	99	0.00
5 S	2-Fluorophenol	80.000	77.155	3.6	92	0.00
6	Aniline	40.000	40.597	-1.5	97	0.00
7 S	Phenol-d6	80.000	75.986	5.0	91	0.00
8	2-Chlorophenol	40.000	41.033	-2.6	98	0.00
9	Benzaldehyde	40.000	40.346	-0.9	95	0.00
10 C	Phenol	40.000	40.258	-0.6	97	0.00
11	bis(2-Chloroethyl)ether	40.000	39.024	2.4	94	0.00
12	1,3-Dichlorobenzene	40.000	39.813	0.5	96	0.00
13 C	1,4-Dichlorobenzene	40.000	40.160	-0.4	99	0.00
14	1,2-Dichlorobenzene	40.000	40.389	-1.0	99	0.00
15	Benzyl Alcohol	40.000	42.327	-5.8	101	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	39.787	0.5	97	0.00
17	2-Methylphenol	40.000	40.922	-2.3	98	0.00
18	Hexachloroethane	40.000	42.342	-5.9	100	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	39.940	0.2	98	0.00
20	3+4-Methylphenols	40.000	41.105	-2.8	98	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	97	0.00
22	Acetophenone	40.000	39.985	0.0	99	0.00
23 S	Nitrobenzene-d5	80.000	83.164	-4.0	96	0.00
24	Nitrobenzene	40.000	40.919	-2.3	96	0.00
25	Isophorone	40.000	39.728	0.7	98	0.00
26 C	2-Nitrophenol	40.000	43.318	-8.3	115	0.00
27	2,4-Dimethylphenol	40.000	44.394	-11.0	105	0.00
28	bis(2-Chloroethoxy)methane	40.000	39.714	0.7	97	0.00
29 C	2,4-Dichlorophenol	40.000	41.289	-3.2	97	0.00
30	1,2,4-Trichlorobenzene	40.000	41.017	-2.5	101	0.00
31	Naphthalene	40.000	38.372	4.1	95	0.00
32	Benzoic acid	40.000	43.285	-8.2	111	0.00
33	4-Chloroaniline	40.000	44.618	-11.5	109	0.00
34 C	Hexachlorobutadiene	40.000	39.366	1.6	95	0.00
35	Caprolactam	40.000	41.892	-4.7	97	0.00
36 C	4-Chloro-3-methylphenol	40.000	40.717	-1.8	96	0.00
37	2-Methylnaphthalene	40.000	35.270	11.8	87	0.00
38	1-Methylnaphthalene	40.000	37.970	5.1	94	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	99	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	39.218	2.0	98	0.00
41 P	Hexachlorocyclopentadiene	40.000	51.644	-29.1#	140	0.00
42 S	2,4,6-Tribromophenol	80.000	84.868	-6.1	96	0.00
43 C	2,4,6-Trichlorophenol	40.000	42.843	-7.1	98	0.00
44	2,4,5-Trichlorophenol	40.000	41.305	-3.3	95	0.00
45 S	2-Fluorobiphenyl	80.000	74.116	7.4	95	0.00
46	1,1'-Biphenyl	40.000	38.812	3.0	97	0.00
47	2-Chloronaphthalene	40.000	38.093	4.8	96	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
 Data File : BF143351.D
 Acq On : 12 Aug 2025 13:52
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081225

Quant Time: Aug 12 14:13:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 12 13:25:39 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	42.167	-5.4	107	0.00
49	Acenaphthylene	40.000	42.507	-6.3	106	0.00
50	Dimethylphthalate	40.000	40.126	-0.3	98	0.00
51	2,6-Dinitrotoluene	40.000	45.012	-12.5	115	0.00
52 C	Acenaphthene	40.000	37.893	5.3	95	0.00
53	3-Nitroaniline	40.000	47.593	-19.0	108	0.00
54 P	2,4-Dinitrophenol	40.000	45.910	-14.8	123	0.00
55	Dibenzofuran	40.000	38.652	3.4	97	0.00
56 P	4-Nitrophenol	40.000	41.060	-2.7	104	0.00
57	2,4-Dinitrotoluene	40.000	43.458	-8.6	108	0.00
58	Fluorene	40.000	38.022	4.9	97	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	50.091	-25.2#	115	0.00
60	Diethylphthalate	40.000	40.317	-0.8	96	0.00
61	4-Chlorophenyl-phenylether	40.000	38.123	4.7	95	0.00
62	4-Nitroaniline	40.000	44.317	-10.8	102	0.00
63	Azobenzene	40.000	39.721	0.7	98	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	98	0.00
65	4,6-Dinitro-2-methylphenol	40.000	43.535	-8.8	119	0.00
66 c	n-Nitrosodiphenylamine	40.000	39.468	1.3	97	0.00
67	4-Bromophenyl-phenylether	40.000	39.466	1.3	96	0.00
68	Hexachlorobenzene	40.000	38.460	3.8	95	0.00
69	Atrazine	40.000	40.936	-2.3	97	0.00
70 C	Pentachlorophenol	40.000	38.771	3.1	97	0.00
71	Phenanthrene	40.000	38.330	4.2	95	0.00
72	Anthracene	40.000	38.834	2.9	97	0.00
73	Carbazole	40.000	38.877	2.8	96	0.00
74	Di-n-butylphthalate	40.000	43.060	-7.7	97	0.00
75 C	Fluoranthene	40.000	37.543	6.1	96	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	97	0.00
77	Benzydine	40.000	43.872	-9.7	98	0.00
78	Pyrene	40.000	39.329	1.7	96	0.00
79 S	Terphenyl-d14	80.000	78.222	2.2	97	0.00
80	Butylbenzylphthalate	40.000	41.012	-2.5	107	0.00
81	Benzo(a)anthracene	40.000	38.956	2.6	95	0.00
82	3,3'-Dichlorobenzidine	40.000	46.252	-15.6	105	0.00
83	Chrysene	40.000	38.503	3.7	94	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	42.315	-5.8	112	0.00
85 c	Di-n-octyl phthalate	40.000	42.219	-5.5	109	0.00
86 I	Perylene-d12	20.000	20.000	0.0	99	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	40.136	-0.3	98	0.00
88	Benzo(b)fluoranthene	40.000	40.856	-2.1	99	0.00
89	Benzo(k)fluoranthene	40.000	37.064	7.3	94	0.00
90 C	Benzo(a)pyrene	40.000	41.027	-2.6	101	0.00
91	Dibenzo(a,h)anthracene	40.000	40.736	-1.8	99	0.00
92	Benzo(g,h,i)perylene	40.000	41.001	-2.5	100	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143351.D
Acq On : 12 Aug 2025 13:52
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF081225

Quant Time: Aug 12 14:13:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: AllianceContract: GENV01Lab Code: ACESDG No.: Q2826Instrument ID: BNA_PCalibration Date(s): 08/14/2025 08/14/2025Calibration Time(s): 12:33 17:24

LAB FILE ID:		RRF2.5 = BP025392.D			RRF005 = BP025393.D		RRF010 = BP025394.D	
		RRF020 = BP025395.D			RRF040 = BP025396.D		RRF050 = BP025397.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.232	1.177	1.194	1.162	1.240	1.204	2.4
Benzaldehyde			0.987	0.956	1.366	1.262	1.082	17.1
Phenol-d6		1.483	1.467	1.533	1.513	1.641	1.544	4.2
Phenol		1.594	1.529	1.613	1.575	1.707	1.620	3.9
bis(2-Chloroethyl)ether		1.283	1.183	1.273	1.222	1.321	1.263	3.8
2-Chlorophenol		1.351	1.283	1.347	1.313	1.428	1.359	3.8
2-Methylphenol		1.075	1.030	1.123	1.107	1.198	1.125	5.4
2,2-oxybis(1-Chloropropane)		1.762	1.592	1.712	1.620	1.751	1.692	4.0
Acetophenone		0.515	0.487	0.506	0.485	0.523	0.502	3.0
3+4-Methylphenols			1.442	1.533	1.525	1.639	1.560	4.9
n-Nitroso-di-n-propylamine	1.014	1.066	0.959	1.056	0.992	1.053	1.023	3.7
Nitrobenzene-d5		0.395	0.376	0.392	0.383	0.419	0.395	3.7
Hexachloroethane		0.577	0.544	0.552	0.545	0.588	0.563	3.1
Nitrobenzene		0.350	0.342	0.348	0.344	0.375	0.353	3.2
Isophorone		0.734	0.672	0.700	0.674	0.730	0.700	3.7
2-Nitrophenol		0.167	0.163	0.177	0.181	0.197	0.181	7.4
2,4-Dimethylphenol		0.303	0.303	0.296	0.308	0.336	0.312	4.5
bis(2-Chloroethoxy)methane		0.443	0.407	0.425	0.407	0.439	0.423	3.6
2,4-Dichlorophenol		0.293	0.293	0.308	0.305	0.331	0.310	4.7
Naphthalene		1.069	1.020	1.037	1.000	1.087	1.040	3.1
4-Chloroaniline		0.453	0.435	0.447	0.452	0.492	0.459	4.2
Hexachlorobutadiene		0.222	0.205	0.211	0.205	0.218	0.211	3.1
Caprolactam			0.114	0.110	0.109	0.120	0.114	3.7
4-Chloro-3-methylphenol		0.366	0.335	0.347	0.346	0.373	0.355	3.9
2-Methylnaphthalene		0.716	0.653	0.678	0.652	0.700	0.676	3.7
Hexachlorocyclopentadiene			0.274	0.313	0.348	0.387	0.349	13.5
2,4,6-Trichlorophenol		0.368	0.364	0.381	0.382	0.421	0.390	5.6
2-Fluorobiphenyl		1.558	1.483	1.507	1.392	1.517	1.463	5.0
2,4,5-Trichlorophenol		0.417	0.385	0.424	0.424	0.457	0.427	5.5
1,1-Biphenyl		1.495	1.418	1.457	1.408	1.537	1.453	3.4
2-Chloronaphthalene		1.152	1.093	1.144	1.101	1.184	1.131	3.0
2-Nitroaniline		0.301	0.306	0.317	0.330	0.360	0.329	6.9
Dimethylphthalate		1.569	1.449	1.438	1.403	1.512	1.465	4.1
Acenaphthylene		1.907	1.806	1.848	1.806	1.992	1.871	3.6

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: GENV01Lab Code: ACESDG No.: Q2826Instrument ID: BNA_PCalibration Date(s): 08/14/2025 08/14/2025Calibration Time(s): 12:33 17:24

LAB FILE ID:		RRF2.5 = BP025392.D			RRF005 = BP025393.D		RRF010 = BP025394.D	
		RRF020 = BP025395.D			RRF040 = BP025396.D		RRF050 = BP025397.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2,6-Dinitrotoluene		0.297	0.287	0.302	0.309	0.331	0.309	4.9
3-Nitroaniline		0.318	0.329	0.337	0.342	0.384	0.347	6.6
Acenaphthene		1.149	1.082	1.100	1.041	1.155	1.098	3.9
2,4-Dinitrophenol			0.114	0.140	0.163	0.186	0.165	19.8
4-Nitrophenol			0.251	0.265	0.279	0.315	0.285	8.6
Dibenzofuran		1.820	1.711	1.737	1.677	1.811	1.736	3.4
2,4-Dinitrotoluene		0.404	0.407	0.431	0.438	0.479	0.440	6.6
Diethylphthalate		1.615	1.475	1.465	1.434	1.540	1.488	4.5
4-Chlorophenyl-phenylether		0.761	0.684	0.679	0.651	0.690	0.681	5.9
Fluorene		1.506	1.391	1.390	1.306	1.415	1.370	6.0
4-Nitroaniline		0.341	0.336	0.349	0.351	0.387	0.356	4.9
4,6-Dinitro-2-methylphenol			0.096	0.113	0.123	0.139	0.125	14.2
n-Nitrosodiphenylamine		0.636	0.603	0.607	0.591	0.634	0.610	3.0
2,4,6-Tribromophenol		0.266	0.259	0.267	0.263	0.286	0.269	3.4
4-Bromophenyl-phenylether		0.233	0.206	0.217	0.213	0.230	0.220	4.3
Hexachlorobenzene		0.264	0.253	0.254	0.242	0.264	0.255	3.1
Atrazine		0.229	0.226	0.228	0.218	0.240	0.228	2.7
Pentachlorophenol			0.135	0.154	0.157	0.177	0.161	9.8
Phenanthrene		1.162	1.101	1.111	1.040	1.135	1.099	3.9
Anthracene		1.161	1.124	1.133	1.079	1.175	1.122	3.4
Carbazole		1.079	1.052	1.074	1.007	1.111	1.057	3.3
Di-n-butylphthalate		1.345	1.255	1.332	1.244	1.374	1.300	3.9
Fluoranthene		1.370	1.323	1.348	1.228	1.361	1.311	4.1
Pyrene		1.398	1.261	1.287	1.274	1.320	1.300	4.0
Terphenyl-d14		1.249	1.100	1.097	1.045	1.100	1.093	7.2
Butylbenzylphthalate		0.589	0.557	0.592	0.579	0.614	0.589	3.6
3,3-Dichlorobenzidine			0.482	0.507	0.488	0.521	0.497	3.3
Benzo (a) anthracene		1.384	1.302	1.313	1.268	1.359	1.319	3.2
Chrysene		1.292	1.214	1.249	1.182	1.280	1.235	3.5
Bis (2-ethylhexyl) phthalate		0.907	0.826	0.874	0.831	0.901	0.867	3.7
Di-n-octyl phthalate			1.381	1.498	1.444	1.572	1.492	4.8
Benzo (b) fluoranthene		1.203	1.126	1.171	1.134	1.250	1.179	3.6
Benzo (k) fluoranthene		1.202	1.157	1.200	1.130	1.226	1.180	3.2
Benzo (a) pyrene		1.139	1.093	1.150	1.108	1.219	1.148	3.8
Indeno (1,2,3-cd) pyrene		1.454	1.385	1.440	1.411	1.569	1.467	4.4

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: GENV01Lab Code: ACESDG No.: Q2826Instrument ID: BNA_PCalibration Date(s): 08/14/2025 08/14/2025Calibration Time(s): 12:33 17:24

LAB FILE ID:		RRF2.5 = BP025392.D		RRF005 = BP025393.D		RRF010 = BP025394.D		
		RRF020 = BP025395.D		RRF040 = BP025396.D		RRF050 = BP025397.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Dibenzo(a,h)anthracene		1.180	1.125	1.179	1.156	1.290	1.199	4.6
Benzo(g,h,i)perylene		1.162	1.118	1.169	1.138	1.248	1.178	3.9
1,2,4,5-Tetrachlorobenzene		0.578	0.559	0.585	0.560	0.610	0.578	3.0
1,4-Dioxane		0.520	0.464	0.475	0.445	0.479	0.472	5.1
2,3,4,6-Tetrachlorophenol		0.375	0.360	0.366	0.368	0.402	0.377	4.0

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-BP081425.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Thu Aug 14 18:14:31 2025
 Response Via : Initial Calibration

Calibration Files

2.5 =BP025392.D 5 =BP025393.D 10 =BP025394.D 20 =BP025395.D 40 =BP025396.D 50 =BP025397.D 60 =BP025398.D 80 =BP025399.D

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

1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane	0.520	0.464	0.475	0.445	0.479	0.462	0.458	0.472	5.07	
3)	Pyridine	1.446	1.250	1.256	1.220	1.317	1.281	1.268	1.291	5.77	
4)	n-Nitrosodimet...		0.515	0.512	0.511	0.559	0.555	0.541	0.532	4.13	
5) S	2-Fluorophenol	1.232	1.177	1.194	1.162	1.240	1.226	1.199	1.204	2.42	
6)	Aniline	2.098	1.962	2.030	2.020	2.194	2.164	2.094	2.080	3.96	
7) S	Phenol-d6	1.483	1.467	1.533	1.513	1.641	1.609	1.563	1.544	4.16	
8)	2-Chlorophenol	1.351	1.283	1.347	1.313	1.428	1.414	1.378	1.359	3.83	
9)	Benzaldehyde		0.987	0.956	1.366	1.262	1.005	0.915	1.082	17.12	
10) C	Phenol	1.594	1.529	1.613	1.575	1.707	1.688	1.635	1.620	3.87	
11)	bis(2-Chloroet...	1.283	1.183	1.273	1.222	1.321	1.303	1.255	1.263	3.78	
12)	1,3-Dichlorobe...	1.532	1.433	1.503	1.443	1.555	1.530	1.493	1.499	3.07	
13) C	1,4-Dichlorobe...	1.587	1.490	1.527	1.467	1.596	1.544	1.510	1.532	3.12	
14)	1,2-Dichlorobe...	1.558	1.430	1.491	1.431	1.533	1.487	1.449	1.483	3.35	
15)	Benzyl Alcohol		1.138	1.205	1.193	1.287	1.289	1.250	1.227	4.83	
16)	2,2'-oxybis(1-...	1.762	1.592	1.712	1.620	1.751	1.740	1.665	1.692	3.96	
17)	2-Methylphenol	1.075	1.030	1.123	1.107	1.198	1.191	1.154	1.125	5.41	
18)	Hexachloroethane	0.577	0.544	0.552	0.545	0.588	0.578	0.559	0.563	3.13	
19) P	n-Nitroso-di-n...	1.014	1.066	0.959	1.056	0.992	1.053	1.042	1.000	1.023	3.68
20)	3+4-Methylphenols		1.442	1.533	1.525	1.639	1.640	1.580	1.560	4.87	
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone	0.515	0.487	0.506	0.485	0.523	0.506	0.488	0.502	2.96	
23) S	Nitrobenzene-d5	0.395	0.376	0.392	0.383	0.419	0.408	0.394	0.395	3.65	
24)	Nitrobenzene	0.350	0.342	0.348	0.344	0.375	0.362	0.352	0.353	3.21	
25)	Isophorone	0.734	0.672	0.700	0.674	0.730	0.709	0.680	0.700	3.70	
26) C	2-Nitrophenol	0.167	0.163	0.177	0.181	0.197	0.195	0.190	0.181	7.43	
27)	2,4-Dimethylph...	0.303	0.303	0.296	0.308	0.336	0.325	0.313	0.312	4.46	
28)	bis(2-Chloroet...	0.443	0.407	0.425	0.407	0.439	0.430	0.410	0.423	3.61	
29) C	2,4-Dichloroph...	0.293	0.293	0.308	0.305	0.331	0.324	0.314	0.310	4.71	
30)	1,2,4-Trichlor...	0.357	0.329	0.335	0.327	0.354	0.344	0.332	0.340	3.61	
31)	Naphthalene	1.069	1.020	1.037	1.000	1.087	1.052	1.011	1.040	3.06	
32)	Benzoic acid		0.188	0.207	0.227	0.249	0.255	0.255	0.230	12.20	
33)	4-Chloroaniline	0.453	0.435	0.447	0.452	0.492	0.478	0.458	0.459	4.19	
34) C	Hexachlorobuta...	0.222	0.205	0.211	0.205	0.218	0.213	0.207	0.211	3.05	
35)	Caprolactam		0.114	0.110	0.109	0.120	0.116	0.113	0.114	3.67	
36) C	4-Chloro-3-met...	0.366	0.335	0.347	0.346	0.373	0.368	0.353	0.355	3.85	
37)	2-Methylnaphth...	0.716	0.653	0.678	0.652	0.700	0.682	0.654	0.676	3.69	
38)	1-Methylnaphth...	0.777	0.706	0.713	0.686	0.751	0.719	0.685	0.719	4.67	

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
 Method File : 8270E-BP081425.M

39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.578	0.559	0.585	0.560	0.610	0.581	0.571	0.578	3.00	
41) P	Hexachlorocycl...	0.274	0.313	0.348	0.387	0.388	0.383	0.349		13.46	
42) S	2,4,6-Tribromo...	0.266	0.259	0.267	0.263	0.286	0.275	0.268	0.269	3.39	
43) C	2,4,6-Trichlor...	0.368	0.364	0.381	0.382	0.421	0.408	0.405	0.390	5.56	
44)	2,4,5-Trichlor...	0.417	0.385	0.424	0.424	0.457	0.448	0.437	0.427	5.52	
45) S	2-Fluorobiphenyl	1.558	1.483	1.507	1.392	1.517	1.435	1.351	1.463	5.04	
46)	1,1'-Biphenyl	1.495	1.418	1.457	1.408	1.537	1.445	1.407	1.453	3.37	
47)	2-Chloronaphth...	1.152	1.093	1.144	1.101	1.184	1.142	1.100	1.131	2.99	
48)	2-Nitroaniline	0.301	0.306	0.317	0.330	0.360	0.351	0.341	0.329	6.85	
49)	Acenaphthylene	1.907	1.806	1.848	1.806	1.992	1.907	1.832	1.871	3.63	
50)	Dimethylphthalate	1.569	1.449	1.438	1.403	1.512	1.479	1.403	1.465	4.12	
51)	2,6-Dinitrotol...	0.297	0.287	0.302	0.309	0.331	0.323	0.311	0.309	4.95	
52) C	Acenaphthene	1.149	1.082	1.100	1.041	1.155	1.106	1.056	1.098	3.93	
53)	3-Nitroaniline	0.318	0.329	0.337	0.342	0.384	0.367	0.354	0.347	6.56	
54) P	2,4-Dinitrophenol	0.114	0.140	0.163	0.186	0.192	0.194	0.165		19.83	
55)	Dibenzofuran	1.820	1.711	1.737	1.677	1.811	1.729	1.672	1.736	3.40	
56) P	4-Nitrophenol	0.251	0.265	0.279	0.315	0.304	0.298	0.285		8.56	
57)	2,4-Dinitrotol...	0.404	0.407	0.431	0.438	0.479	0.471	0.454	0.440	6.61	
58)	Fluorene	1.506	1.391	1.390	1.306	1.415	1.330	1.253	1.370	6.02	
59)	2,3,4,6-Tetrac...	0.375	0.360	0.366	0.368	0.402	0.392	0.379	0.377	4.01	
60)	Diethylphthalate	1.615	1.475	1.465	1.434	1.540	1.459	1.430	1.488	4.48	
61)	4-Chlorophenyl...	0.761	0.684	0.679	0.651	0.690	0.671	0.634	0.681	5.91	
62)	4-Nitroaniline	0.341	0.336	0.349	0.351	0.387	0.370	0.359	0.356	4.89	
63)	Azobenzene	1.315	1.226	1.274	1.237	1.341	1.301	1.227	1.274	3.62	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.096	0.113	0.123	0.139	0.139	0.138	0.125		14.21	
66) c	n-Nitrosodiphe...	0.636	0.603	0.607	0.591	0.634	0.605	0.594	0.610	2.99	
67)	4-Bromophenyl-...	0.233	0.206	0.217	0.213	0.230	0.223	0.218	0.220	4.34	
68)	Hexachlorobenzene	0.264	0.253	0.254	0.242	0.264	0.257	0.251	0.255	3.06	
69)	Atrazine	0.229	0.226	0.228	0.218	0.240	0.229	0.229	0.228	2.74	
70) C	Pentachlorophenol	0.135	0.154	0.157	0.177	0.171	0.172	0.161		9.76	
71)	Phenanthrene	1.162	1.101	1.111	1.040	1.135	1.085	1.057	1.099	3.88	
72)	Anthracene	1.161	1.124	1.133	1.079	1.175	1.101	1.080	1.122	3.37	
73)	Carbazole	1.079	1.052	1.074	1.007	1.111	1.053	1.022	1.057	3.32	
74)	Di-n-butylphth...	1.345	1.255	1.332	1.244	1.374	1.285	1.265	1.300	3.86	
75) C	Fluoranthene	1.370	1.323	1.348	1.228	1.361	1.286	1.258	1.311	4.13	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.642	0.642	0.967	0.664	0.608	0.573	0.683		20.94	
78)	Pyrene	1.398	1.261	1.287	1.274	1.320	1.319	1.241	1.300	4.00	
79) S	Terphenyl-d14	1.249	1.100	1.097	1.045	1.100	1.061	0.999	1.093	7.15	
80)	Butylbenzylpht...	0.589	0.557	0.592	0.579	0.614	0.616	0.578	0.589	3.55	
81)	Benzo(a)anthra...	1.384	1.302	1.313	1.268	1.359	1.333	1.275	1.319	3.21	
82)	3,3'-Dichlorob...	0.482	0.507	0.488	0.521	0.506	0.480	0.497		3.31	
83)	Chrysene	1.292	1.214	1.249	1.182	1.280	1.243	1.186	1.235	3.49	
84)	Bis(2-ethylhex...	0.907	0.826	0.874	0.831	0.901	0.882	0.850	0.867	3.73	
85) c	Di-n-octyl pht...	1.381	1.498	1.444	1.572	1.563	1.491	1.492		4.84	

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP081425.M

86) I	Perylene-d12	-----ISTD-----								
87)	Indeno(1,2,3-c...	1.454	1.385	1.440	1.411	1.569	1.522	1.486	1.467	4.36
88)	Benzo(b)fluora...	1.203	1.126	1.171	1.134	1.250	1.197	1.175	1.179	3.60
89)	Benzo(k)fluora...	1.202	1.157	1.200	1.130	1.226	1.206	1.141	1.180	3.16
90) C	Benzo(a)pyrene	1.139	1.093	1.150	1.108	1.219	1.185	1.141	1.148	3.77
91)	Dibenzo(a,h)an...	1.180	1.125	1.179	1.156	1.290	1.244	1.216	1.199	4.64
92)	Benzo(g,h,i)pe...	1.162	1.118	1.169	1.138	1.248	1.220	1.192	1.178	3.86

(#) = Out of Range

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025392.D
 Acq On : 14 Aug 2025 12:33
 Operator : CG/JU
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC2.5

Quant Time: Aug 14 17:51:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 17:44:43 2025
 Response via : Initial Calibration

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

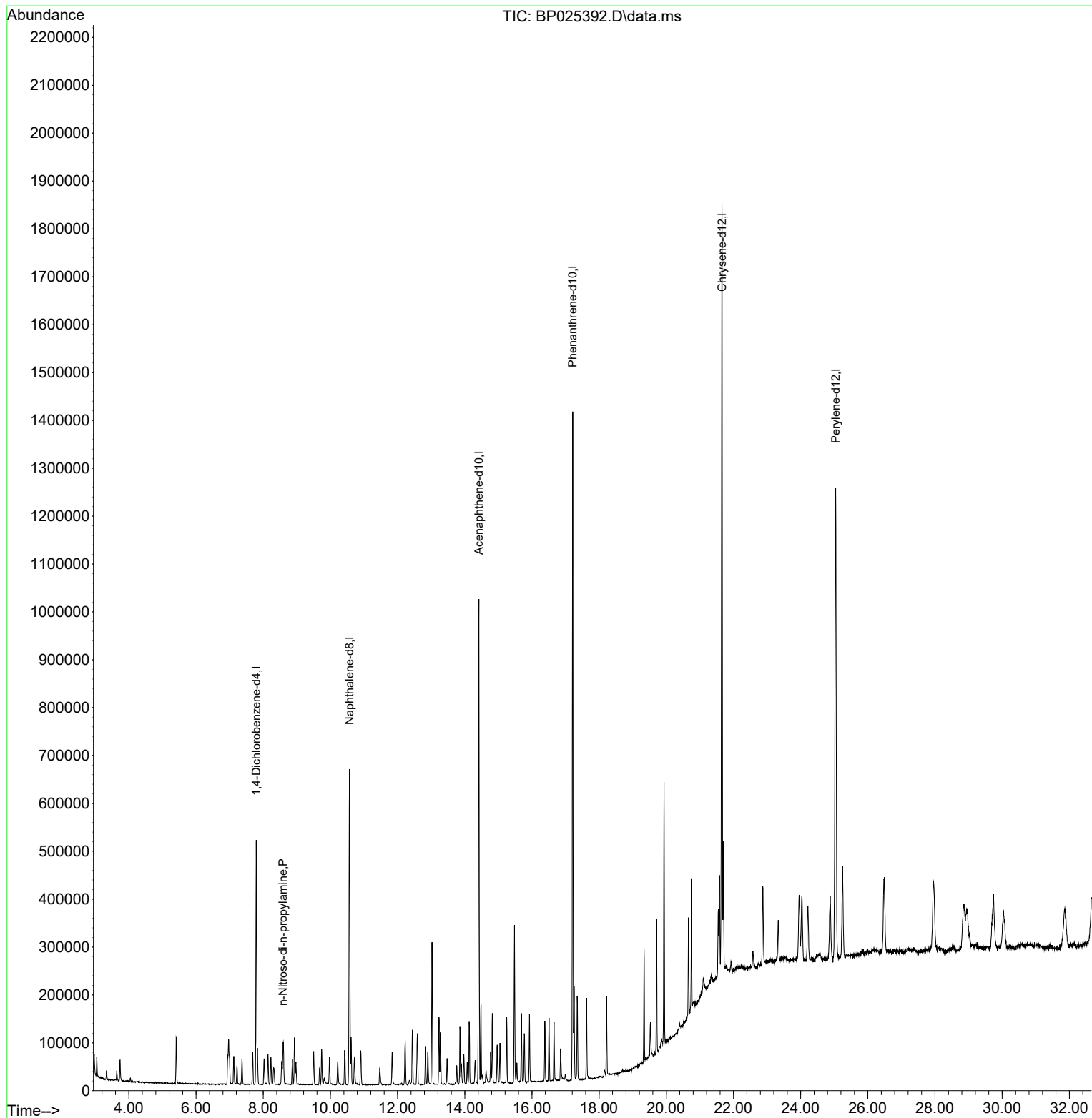
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	140275	20.000	ng	0.00
21) Naphthalene-d8	10.566	136	567766	20.000	ng	0.00
39) Acenaphthene-d10	14.419	164	380728	20.000	ng	0.01
64) Phenanthrene-d10	17.213	188	796256	20.000	ng	0.01
76) Chrysene-d12	21.660	240	884747	20.000	ng	0.01
86) Perylene-d12	25.042	264	1005304	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						
19) n-Nitroso-di-n-propyla...	8.584	70	17781	2.476	ng	Qvalue 99

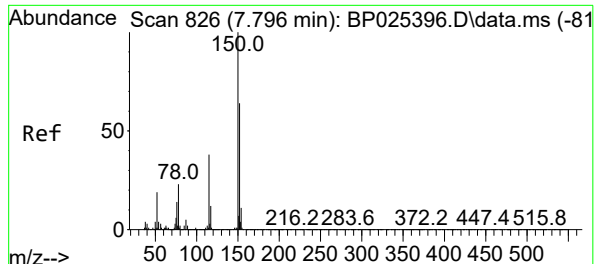
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025392.D
Acq On : 14 Aug 2025 12:33
Operator : CG/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Aug 14 17:51:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

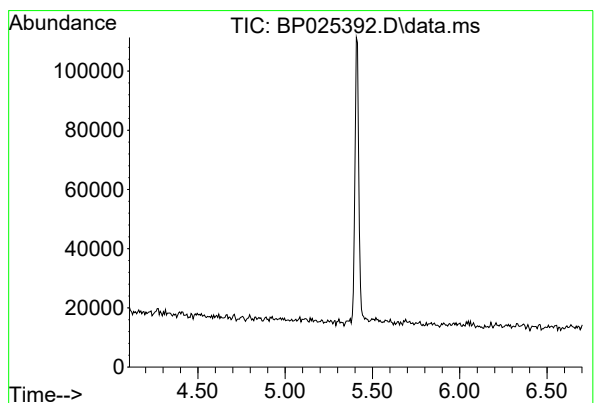
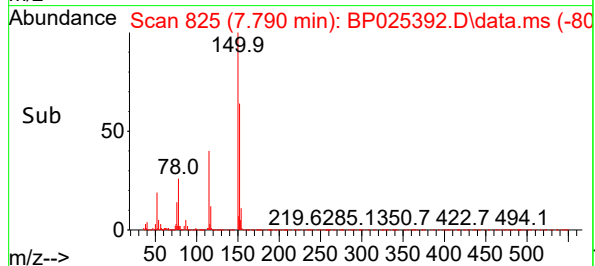
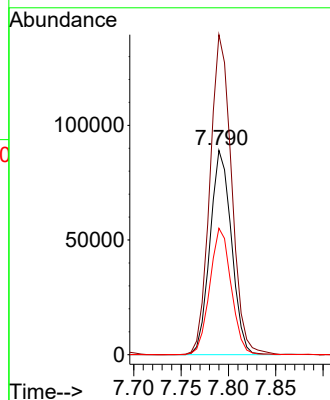
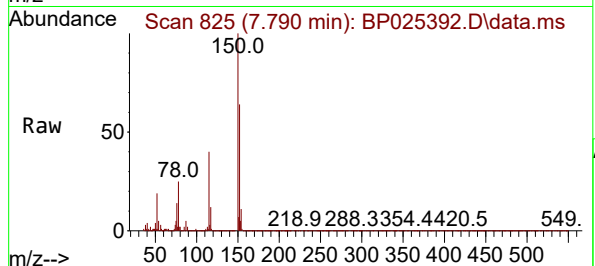




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

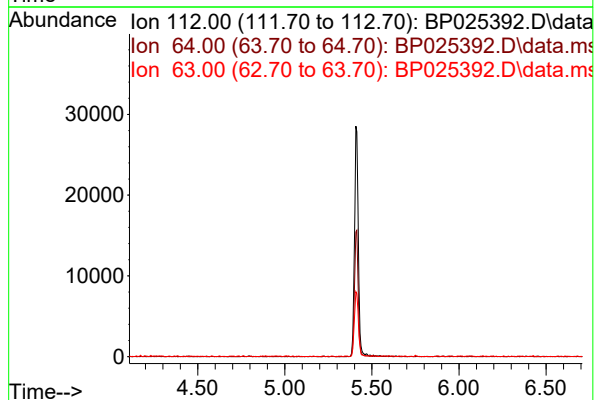
Tgt Ion:152 Resp: 140275
Ion Ratio Lower Upper
152 100
150 156.6 125.9 188.9
115 61.9 48.5 72.7

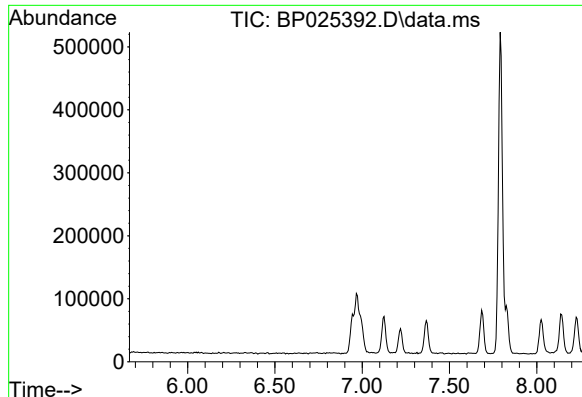


#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.41 min

Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

Tgt Ion: 112
Sig Exp Ratio
112 100
64 54.8
63 28.4





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.97 min

Lab File: BP025392.D

Acq: 14 Aug 2025 12:33

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5

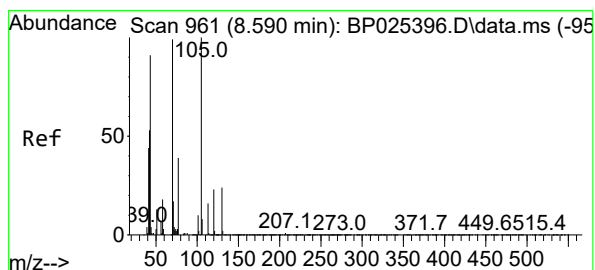
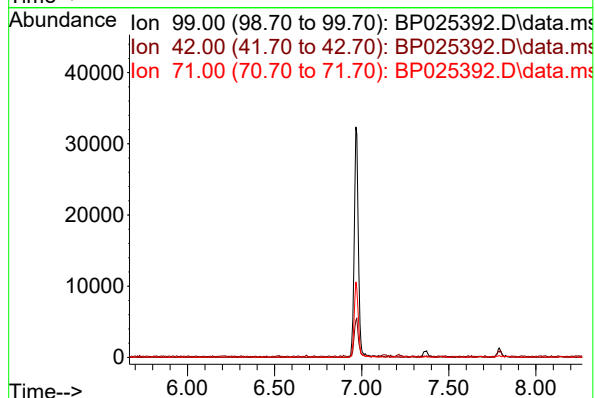
Tgt Ion: 99

Sig Exp Ratio

99 100

42 17.1

71 35.3



#19

n-Nitroso-di-n-propylamine

Concen: 2.476 ng

RT: 8.584 min Scan# 960

Delta R.T. -0.006 min

Lab File: BP025392.D

Acq: 14 Aug 2025 12:33

Tgt Ion: 70 Resp: 17781

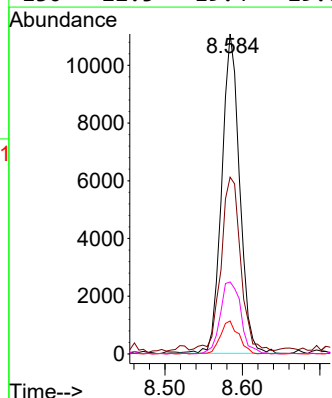
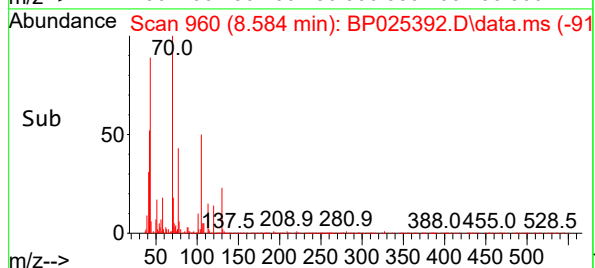
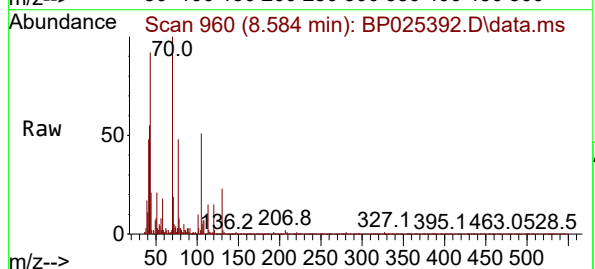
Ion Ratio Lower Upper

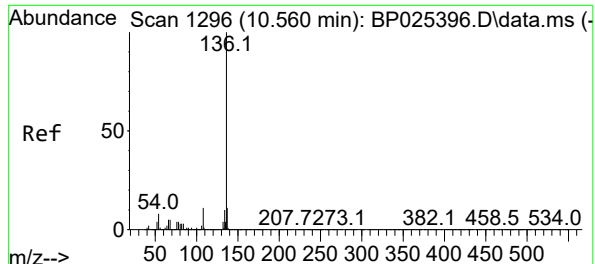
70 100

42 55.2 43.8 65.6

101 10.3 8.5 12.7

130 22.5 19.4 29.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.566 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP025392.D

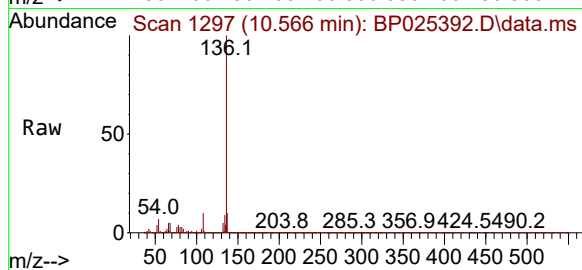
Acq: 14 Aug 2025 12:33

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5



Tgt Ion:136 Resp: 567766

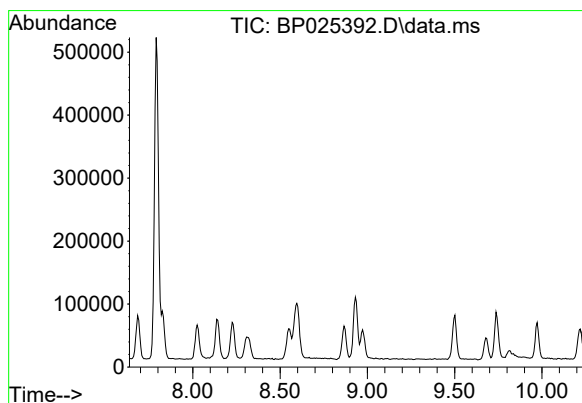
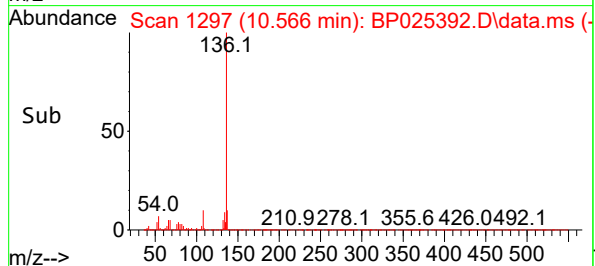
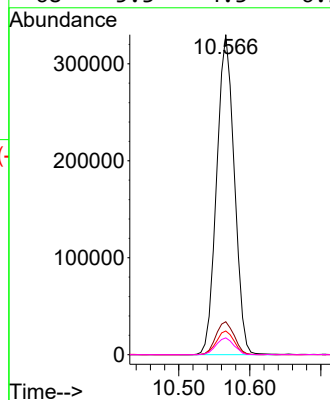
Ion Ratio Lower Upper

136 100

137 10.3 9.2 13.8

54 7.4 6.0 9.0

68 5.3 4.3 6.5



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 8.94 min

Lab File: BP025392.D

Acq: 14 Aug 2025 12:33

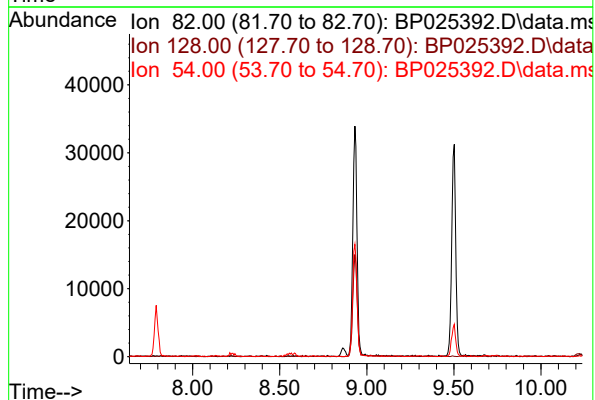
Tgt Ion: 82

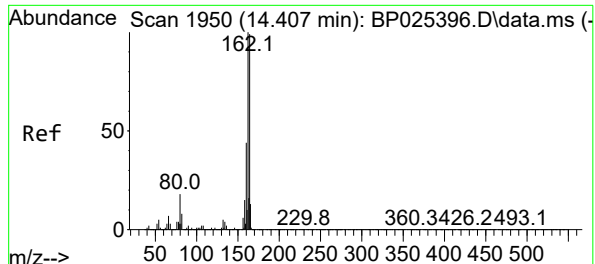
Sig Exp Ratio

82 100

128 47.1

54 49.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.419 min Scan# 1952

Delta R.T. 0.012 min

Lab File: BP025392.D

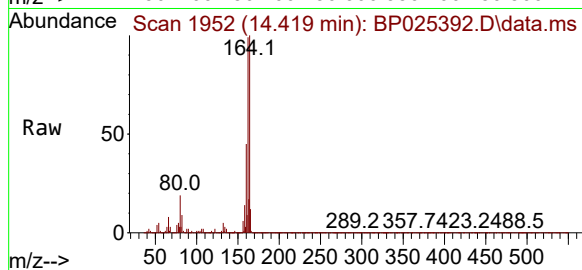
Acq: 14 Aug 2025 12:33

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5



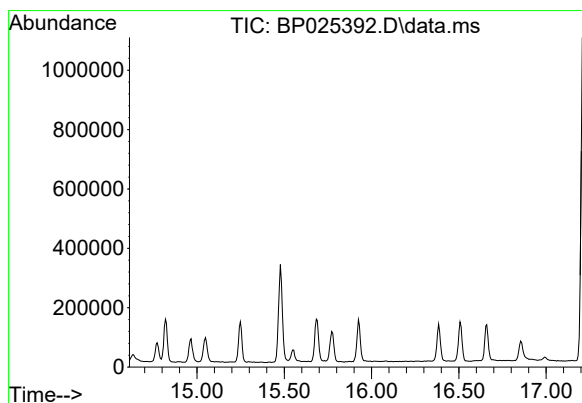
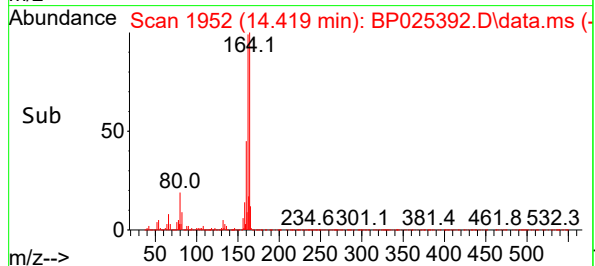
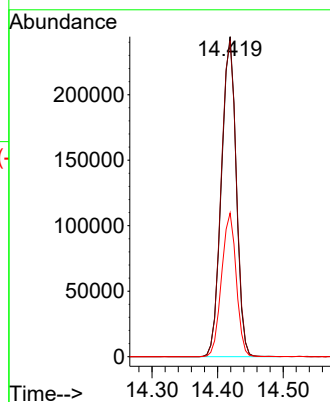
Tgt Ion:164 Resp: 380728

Ion Ratio Lower Upper

164 100

162 98.7 81.0 121.6

160 44.9 35.4 53.2



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 15.91 min

Lab File: BP025392.D

Acq: 14 Aug 2025 12:33

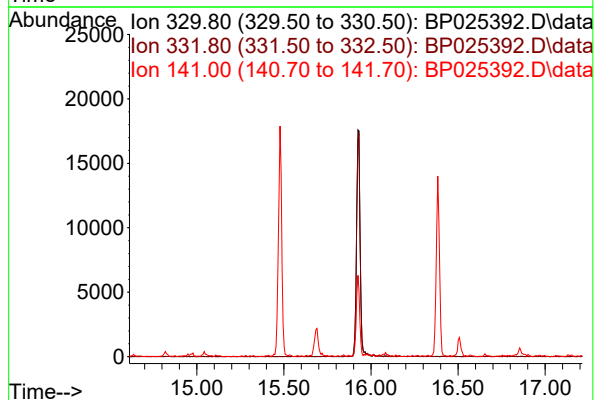
Tgt Ion: 330

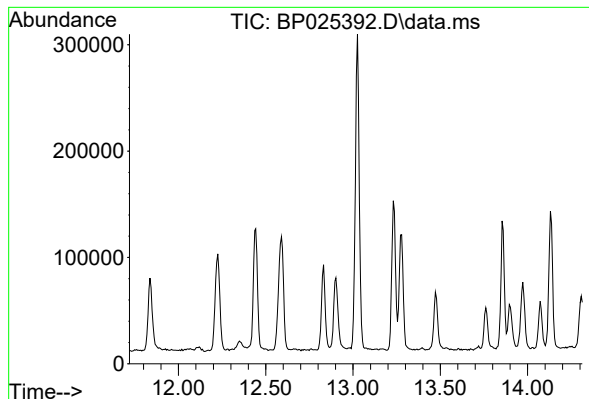
Sig Exp Ratio

330 100

332 96.6

141 33.2

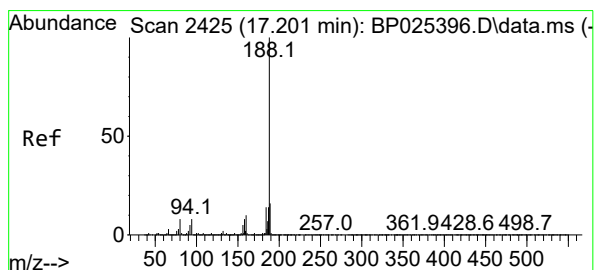
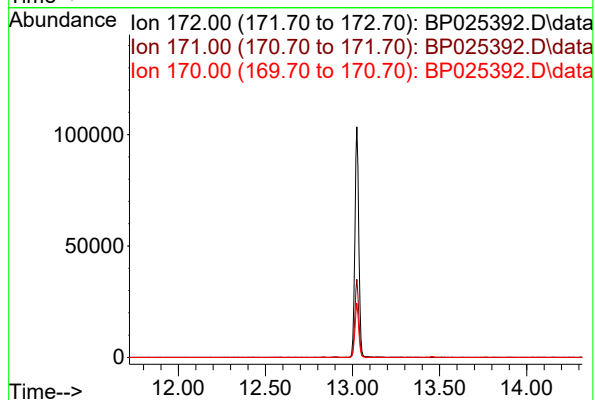




#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 13.02 min
Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

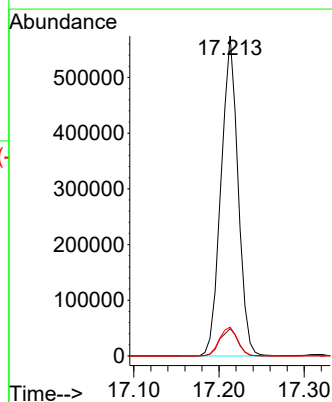
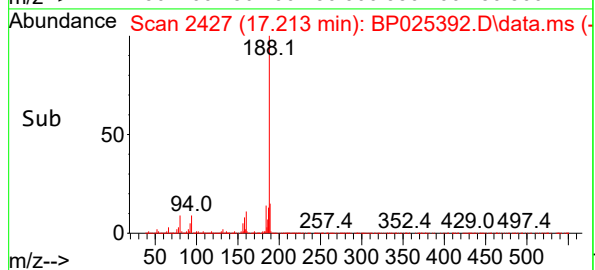
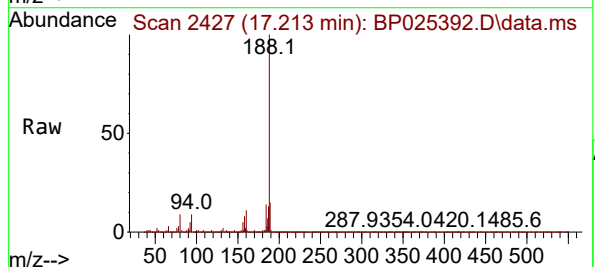
Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

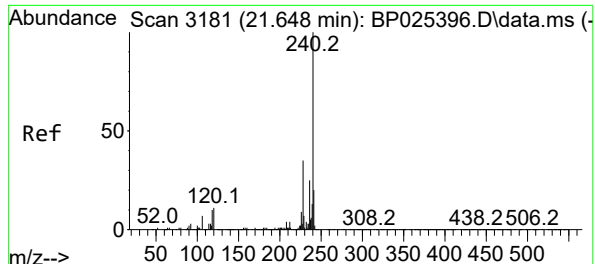
Tgt Ion: 172
Sig Exp Ratio
172 100
171 35.1
170 23.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.213 min Scan# 2427
Delta R.T. 0.012 min
Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

Tgt Ion: 188 Resp: 796256
Ion Ratio Lower Upper
188 100
94 8.6 6.6 10.0
80 9.0 6.7 10.1

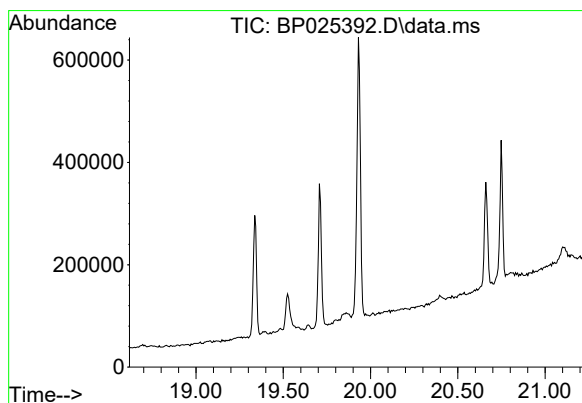
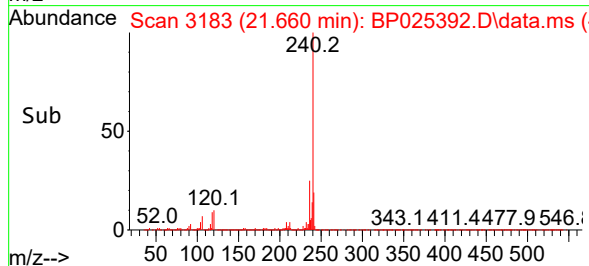
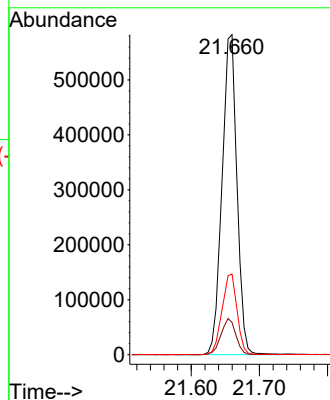
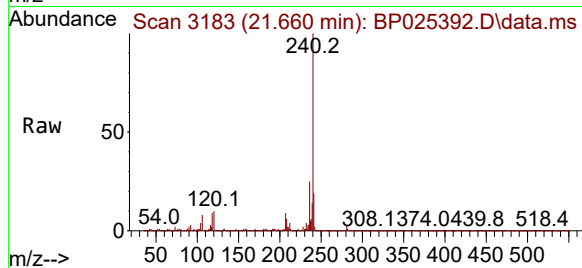




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.660 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

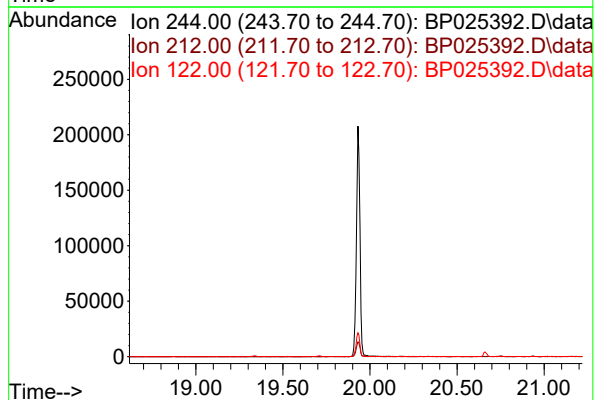
Tgt Ion: 240 Resp: 884747
Ion Ratio Lower Upper
240 100
120 10.0 8.9 13.3
236 25.2 19.8 29.8



#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.92 min

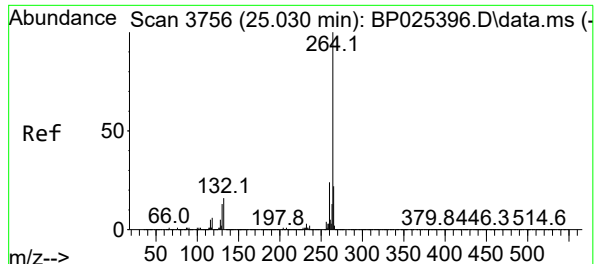
Lab File: BP025392.D
Acq: 14 Aug 2025 12:33

Tgt Ion: 244
Sig Exp Ratio
244 100
212 7.2
122 9.3



Ion 212.00 (211.70 to 212.70): BP025392.D\data.ms

Ion 122.00 (121.70 to 122.70): BP025392.D\data.ms



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.042 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP025392.D

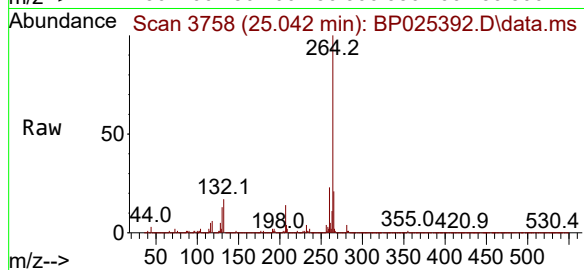
Acq: 14 Aug 2025 12:33

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5



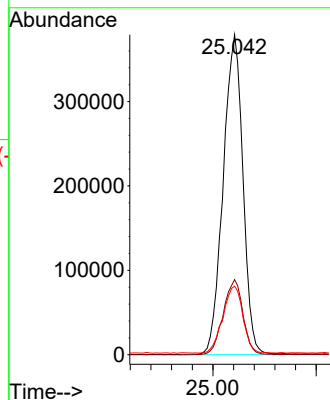
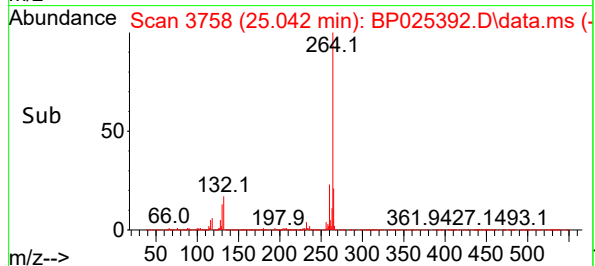
Tgt Ion:264 Resp: 1005304

Ion Ratio Lower Upper

264 100

260 23.5 19.3 28.9

265 21.4 17.4 26.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025393.D
 Acq On : 14 Aug 2025 13:15
 Operator : CG/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 17:52:32 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Aug 14 17:44:43 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	130958	20.000	ng	0.00
21) Naphthalene-d8	10.560	136	551384	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	392376	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	816331	20.000	ng	0.00
76) Chrysene-d12	21.654	240	858165	20.000	ng	0.00
86) Perylene-d12	25.036	264	963881	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	80645	10.227	ng	0.00
7) Phenol-d6	6.966	99	97106	9.605	ng	0.00
23) Nitrobenzene-d5	8.931	82	108814	9.983	ng	0.00
42) 2,4,6-Tribromophenol	15.913	330	52188	9.881	ng	0.00
45) 2-Fluorobiphenyl	13.019	172	305742	10.649	ng	0.00
79) Terphenyl-d14	19.925	244	536049	11.428	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.337	88	17016	5.509	ng	95
3) Pyridine	3.731	79	47347	5.600	ng	95
6) Aniline	7.119	93	68694	5.043	ng	100
8) 2-Chlorophenol	7.366	128	44217	4.969	ng	98
10) Phenol	6.990	94	52186	4.919	ng	98
11) bis(2-Chloroethyl)ether	7.219	93	41995	5.079	ng	98
12) 1,3-Dichlorobenzene	7.684	146	50146	5.111	ng	96
13) 1,4-Dichlorobenzene	7.825	146	51948	5.180	ng	97
14) 1,2-Dichlorobenzene	8.143	146	50995	5.253	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.313	45	57686	5.208	ng	98
17) 2-Methylphenol	8.225	107	35186	4.776	ng	96
18) Hexachloroethane	8.866	117	18905	5.127	ng	99
19) n-Nitroso-di-n-propyla...	8.584	70	34898	5.205	ng	95
22) Acetophenone	8.602	105	70986	5.134	ng	# 96
24) Nitrobenzene	8.972	77	48234	4.951	ng	99
25) Isophorone	9.496	82	101112	5.242	ng	98
26) 2-Nitrophenol	9.678	139	23020	4.605	ng	95
27) 2,4-Dimethylphenol	9.737	122	41790	4.861	ng	99
28) bis(2-Chloroethoxy)met...	9.972	93	61017	5.233	ng	98
29) 2,4-Dichlorophenol	10.213	162	40336	4.723	ng	94
30) 1,2,4-Trichlorobenzene	10.425	180	49237	5.259	ng	97
31) Naphthalene	10.613	128	147346	5.141	ng	99
33) 4-Chloroaniline	10.713	127	62452	4.933	ng	96
34) Hexachlorobutadiene	10.902	225	30559	5.241	ng	95
36) 4-Chloro-3-methylphenol	11.837	107	50515	5.154	ng	91
37) 2-Methylnaphthalene	12.219	142	98648	5.289	ng	97
38) 1-Methylnaphthalene	12.437	142	107044	5.397	ng	97
40) 1,2,4,5-Tetrachloroben...	12.590	216	56676	5.001	ng	100
43) 2,4,6-Trichlorophenol	12.831	196	36093	4.718	ng	95
44) 2,4,5-Trichlorophenol	12.901	196	40875	4.875	ng	95
46) 1,1'-Biphenyl	13.237	154	146651	5.146	ng	98
47) 2-Chloronaphthalene	13.272	162	113015	5.094	ng	99
48) 2-Nitroaniline	13.466	65	29527	4.568	ng	98
49) Acenaphthylene	14.125	152	187026	5.095	ng	99
50) Dimethylphthalate	13.860	163	153868	5.355	ng	99
51) 2,6-Dinitrotoluene	13.966	165	29088	4.803	ng	94

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025393.D
 Acq On : 14 Aug 2025 13:15
 Operator : CG/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 17:52:32 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 17:44:43 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.472	154	112730m	5.232	ng	
53) 3-Nitroaniline	14.301	138	31224	4.583	ng	85
55) Dibenzofuran	14.813	168	178494	5.240	ng	99
57) 2,4-Dinitrotoluene	14.760	165	39658	4.590	ng	94
58) Fluorene	15.472	166	147760	5.497	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.037	232	36779	4.968	ng	99
60) Diethylphthalate	15.237	149	158426	5.426	ng	99
61) 4-Chlorophenyl-phenyle...	15.466	204	74636	5.583	ng	99
62) 4-Nitroaniline	15.478	138	33466	4.791	ng	90
63) Azobenzene	15.760	77	128978	5.159	ng	99
66) n-Nitrosodiphenylamine	15.678	169	129805	5.214	ng	97
67) 4-Bromophenyl-phenylether	16.378	248	47579	5.299	ng	98
68) Hexachlorobenzene	16.501	284	53940	5.183	ng	98
69) Atrazine	16.648	200	46750	5.015	ng	96
71) Phenanthrene	17.248	178	237107	5.287	ng	98
72) Anthracene	17.342	178	236938	5.174	ng	99
73) Carbazole	17.619	167	220112	5.103	ng	98
74) Di-n-butylphthalate	18.231	149	274467	5.172	ng	99
75) Fluoranthene	19.336	202	279497	5.225	ng	99
78) Pyrene	19.713	202	299922	5.377	ng	98
80) Butylbenzylphthalate	20.654	149	126321	4.997	ng	99
81) Benzo(a)anthracene	21.636	228	296847	5.245	ng	100
83) Chrysene	21.701	228	277175	5.229	ng	99
84) Bis(2-ethylhexyl)phtha...	21.583	149	194541	5.228	ng	97
87) Indeno(1,2,3-cd)pyrene	28.865	276	350414	4.956	ng	98
88) Benzo(b)fluoranthene	23.960	252	289797	5.099	ng	99
89) Benzo(k)fluoranthene	24.042	252	289556	5.091	ng	98
90) Benzo(a)pyrene	24.877	252	274440	4.960	ng	99
91) Dibenzo(a,h)anthracene	28.942	278	284440	4.924	ng	100
92) Benzo(g,h,i)perylene	30.036	276	279987	4.931	ng	97

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

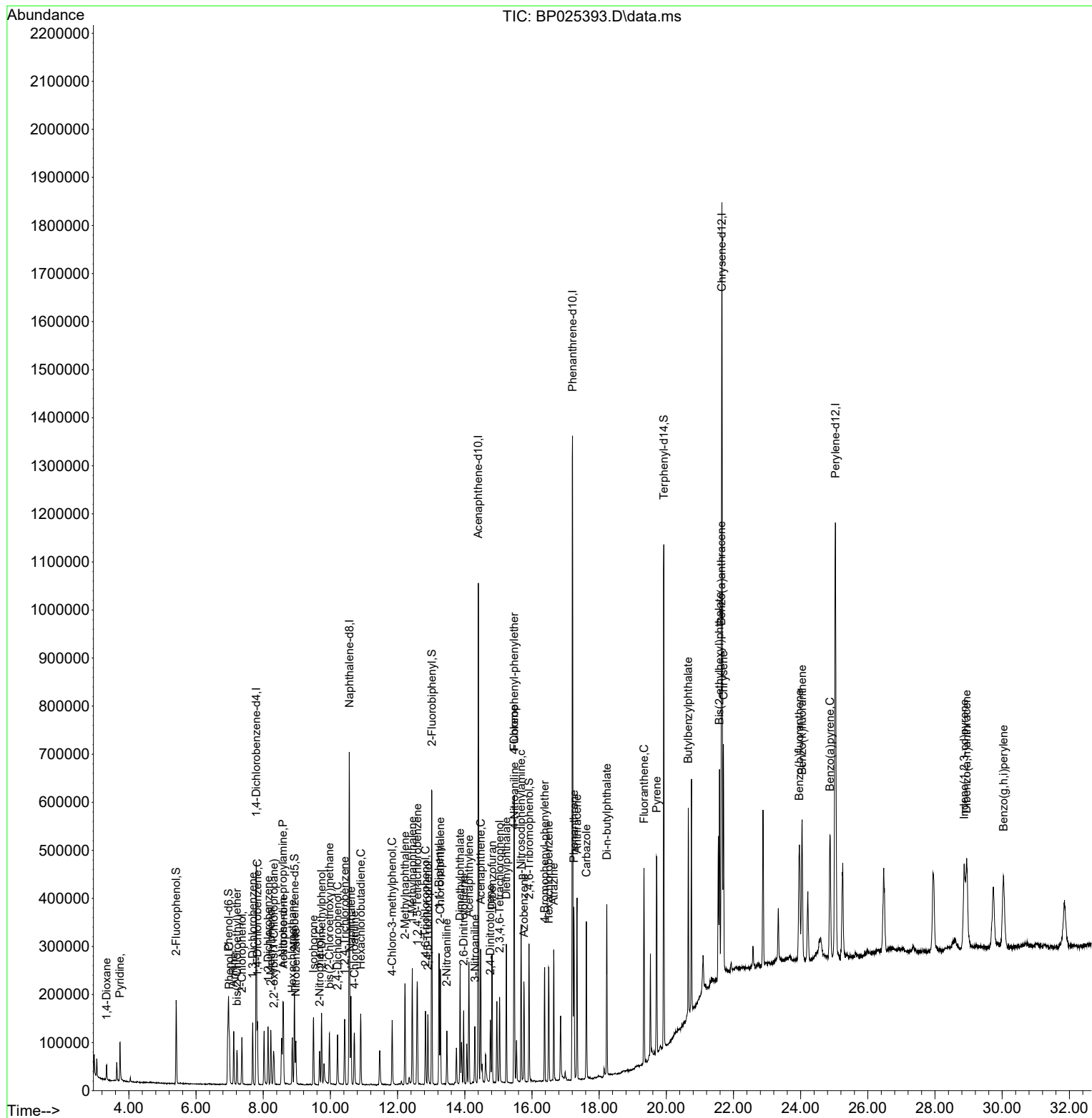
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025393.D
Acq On : 14 Aug 2025 13:15
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

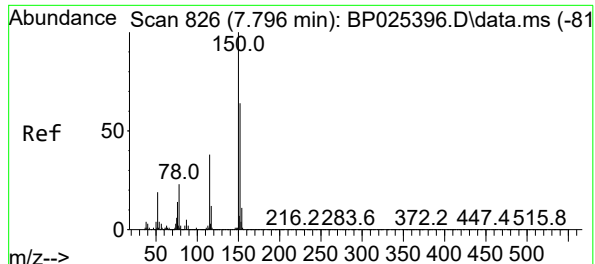
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

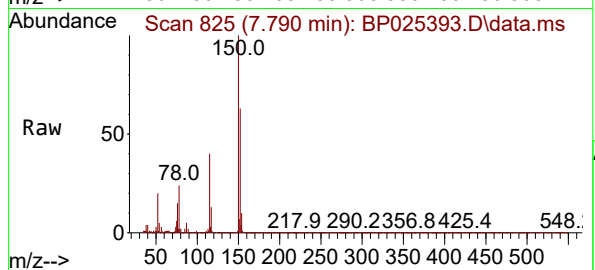
Quant Time: Aug 14 17:52:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

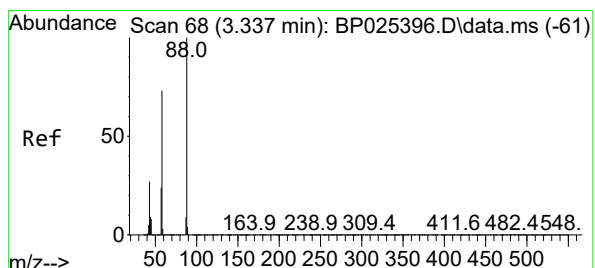
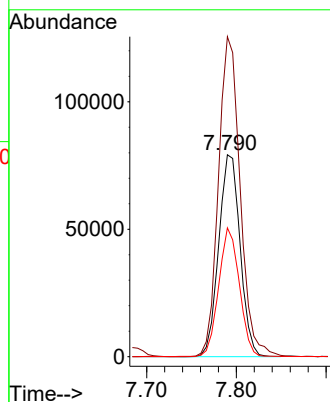
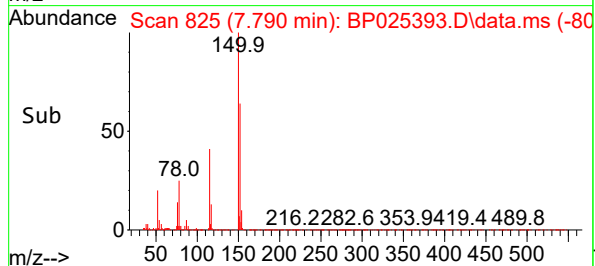
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:152 Resp: 130958
Ion Ratio Lower Upper
152 100
150 158.5 125.9 188.9
115 63.8 48.5 72.7

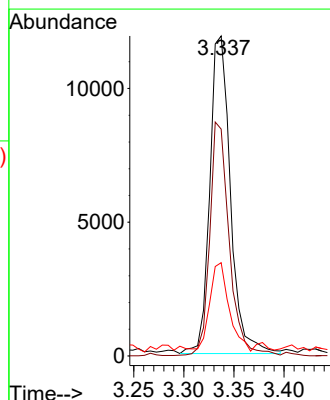
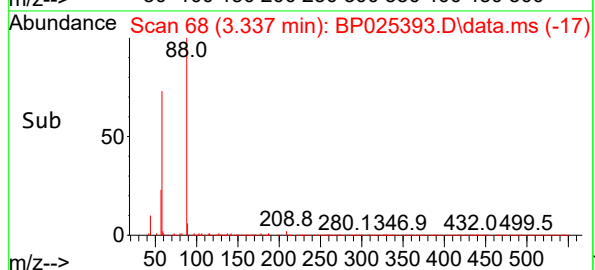
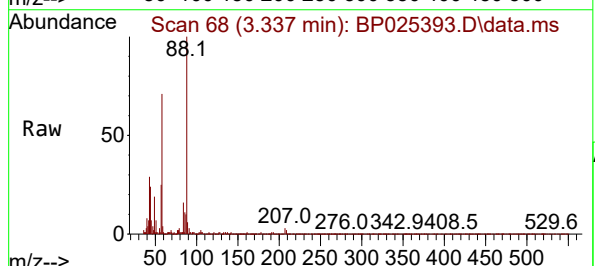
Manual Integrations
APPROVED

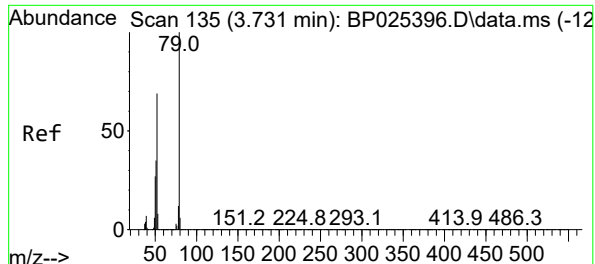
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#2
1,4-Dioxane
Concen: 5.509 ng
RT: 3.337 min Scan# 68
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

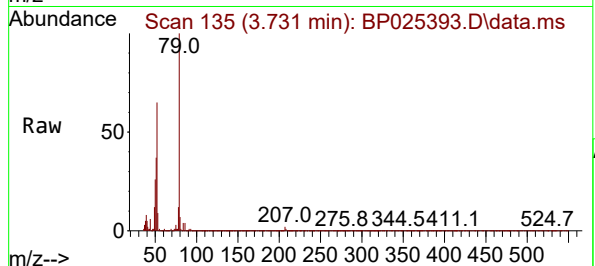
Tgt Ion: 88 Resp: 17016
Ion Ratio Lower Upper
88 100
58 69.1 59.2 88.8
43 26.1 21.7 32.5





#3
Pyridine
Concen: 5.600 ng
RT: 3.731 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

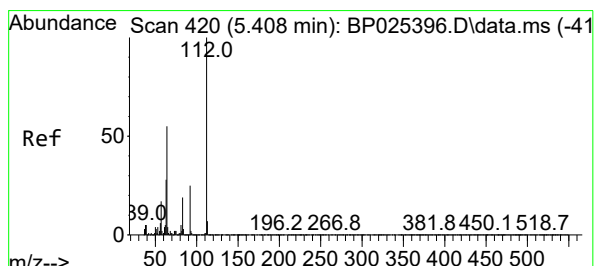
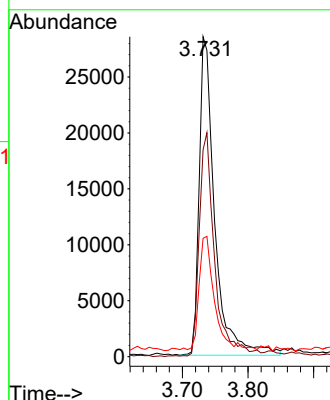
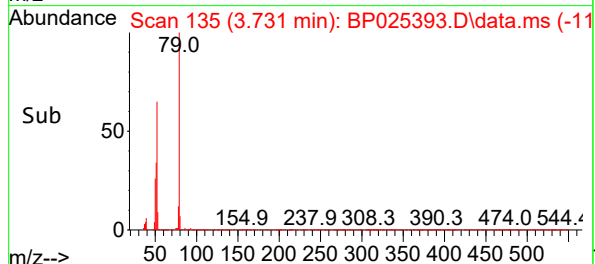
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion: 79 Resp: 4734
Ion Ratio Lower Upper
79 100
52 64.7 55.5 83.3
51 37.0 28.3 42.5

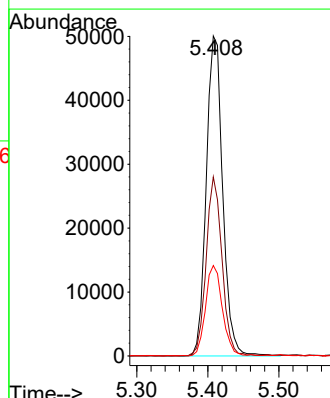
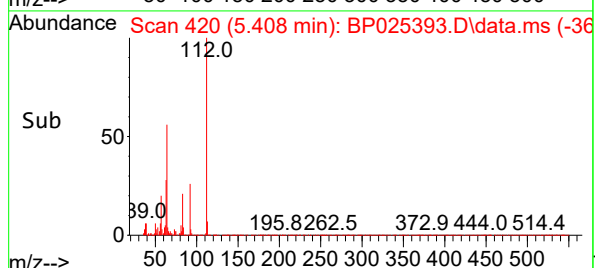
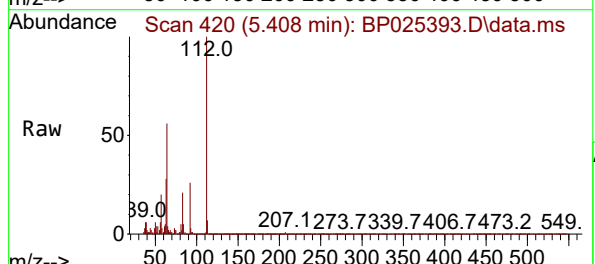
Manual Integrations
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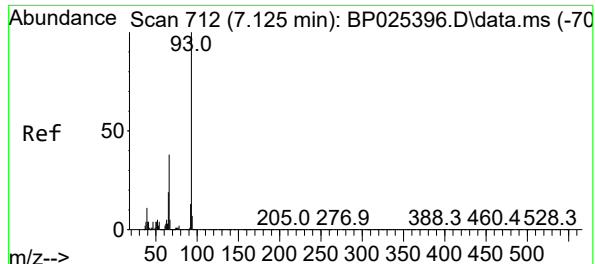
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#5
2-Fluorophenol
Concen: 10.227 ng
RT: 5.408 min Scan# 420
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

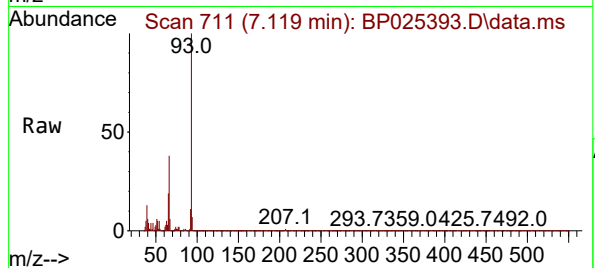
Tgt Ion:112 Resp: 80645
Ion Ratio Lower Upper
112 100
64 55.9 43.8 65.8
63 28.3 22.7 34.1





#6
Aniline
Concen: 5.043 ng
RT: 7.119 min Scan# 711
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

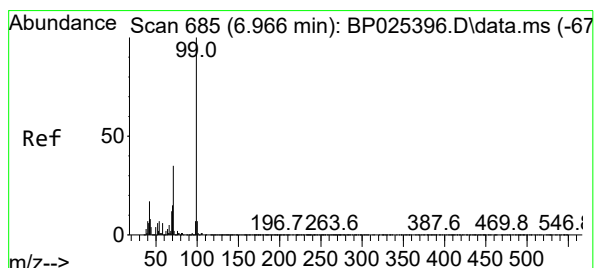
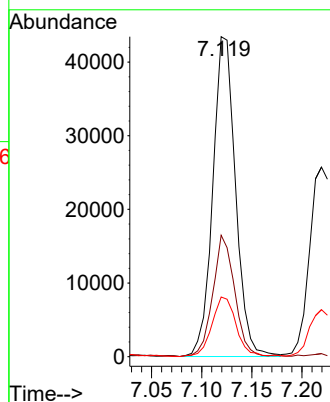
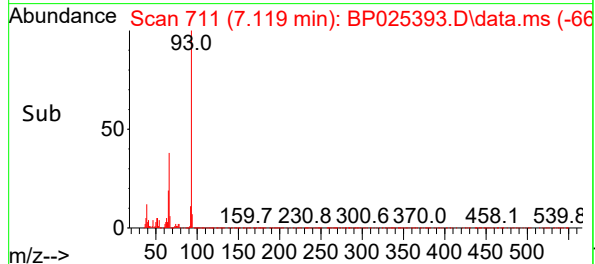
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion: 93 Resp: 68694
Ion Ratio Lower Upper
93 100
66 38.0 30.4 45.6
65 18.6 15.3 22.9

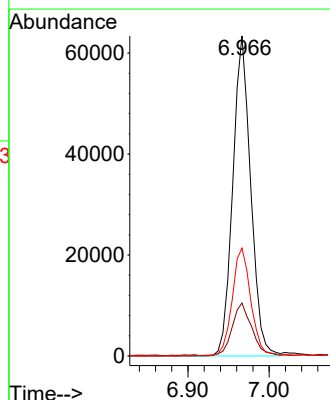
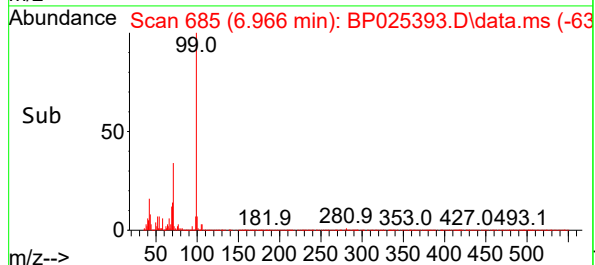
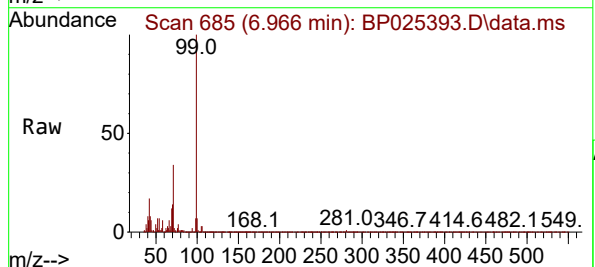
Manual Integrations
APPROVED

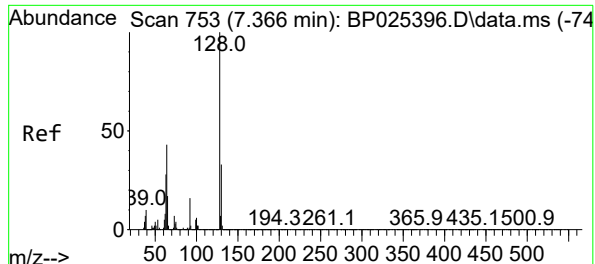
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#7
Phenol-d6
Concen: 9.605 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion: 99 Resp: 97106
Ion Ratio Lower Upper
99 100
42 16.5 13.7 20.5
71 33.7 28.2 42.4





#8

2-Chlorophenol

Concen: 4.969 ng

RT: 7.366 min Scan# 71

Delta R.T. 0.000 min

Lab File: BP025393.D

Acq: 14 Aug 2025 13:15

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

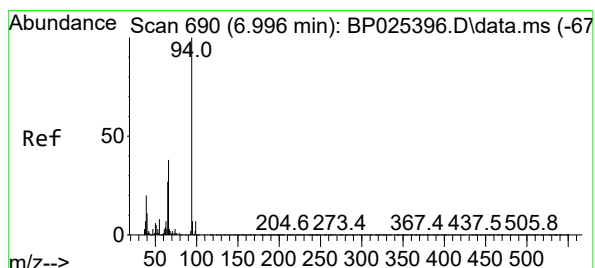
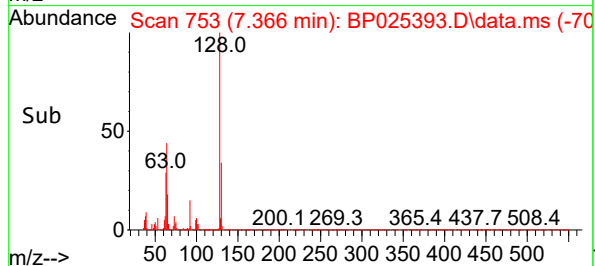
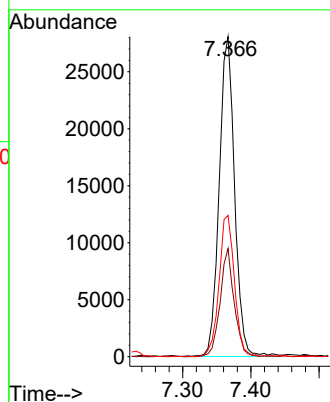
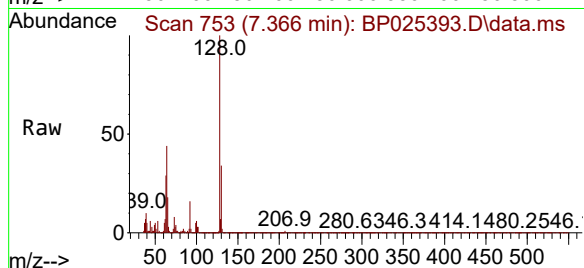
Tgt Ion:	128	Resp:	4421
Ion	Ratio	Lower	Upper
128	100		
130	33.8	12.6	52.6
64	44.1	23.4	63.4

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#10

Phenol

Concen: 4.919 ng

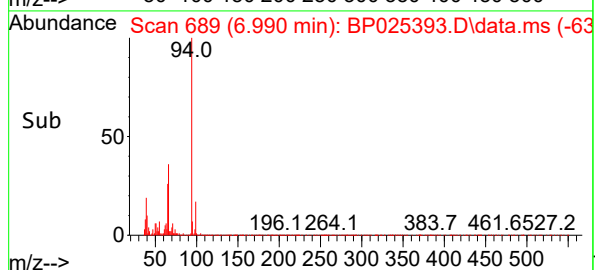
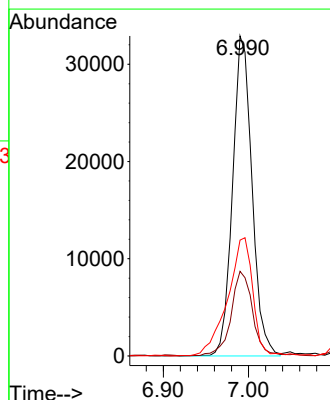
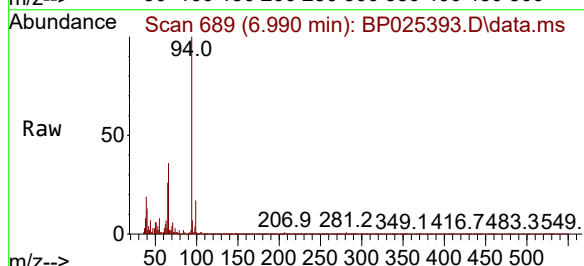
RT: 6.990 min Scan# 689

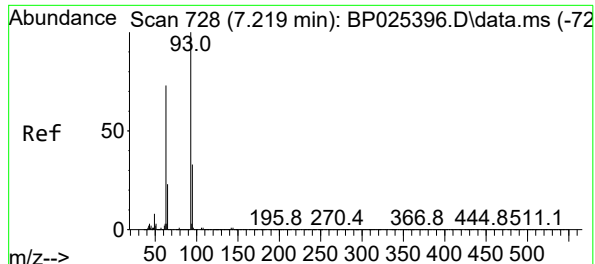
Delta R.T. -0.006 min

Lab File: BP025393.D

Acq: 14 Aug 2025 13:15

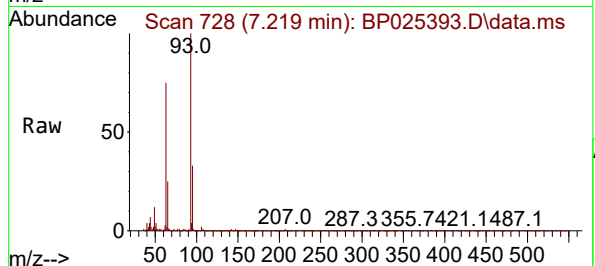
Tgt Ion:	94	Resp:	52186
Ion	Ratio	Lower	Upper
94	100		
65	26.5	6.8	46.8
66	36.2	18.2	58.2





#11
bis(2-Chloroethyl)ether
Concen: 5.079 ng
RT: 7.219 min Scan# 728
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

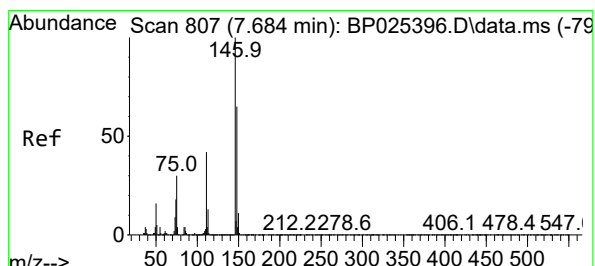
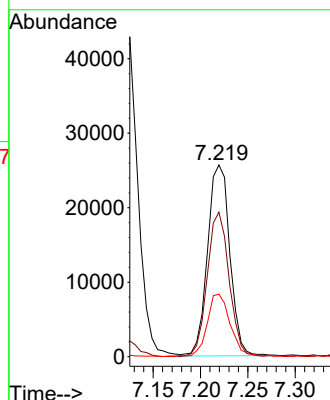
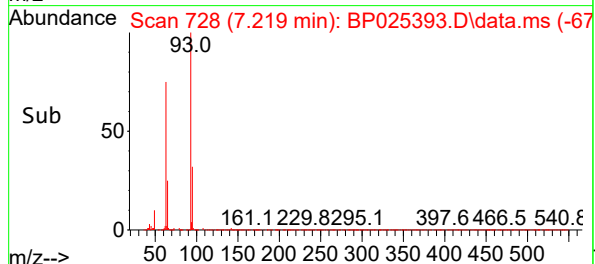
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



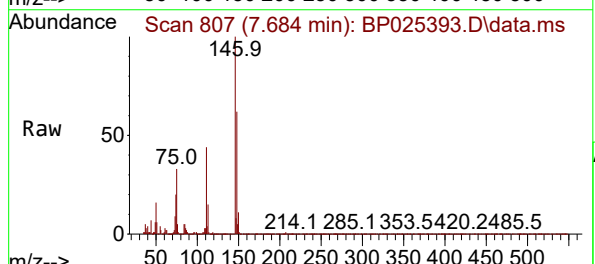
Tgt Ion: 93 Resp: 41995
Ion Ratio Lower Upper
93 100
63 75.4 52.6 92.6
95 32.6 12.7 52.7

Manual Integrations
APPROVED

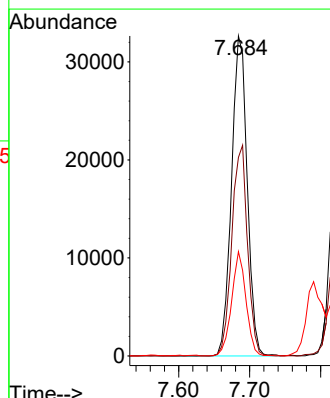
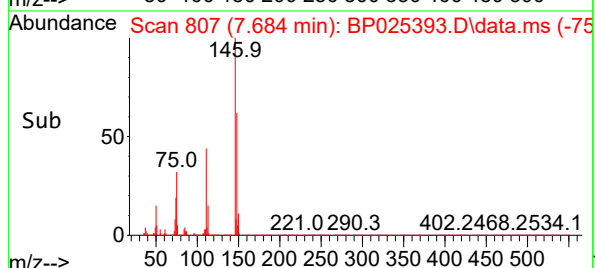
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

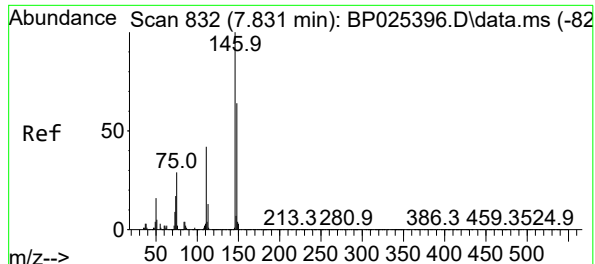


#12
1,3-Dichlorobenzene
Concen: 5.111 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15



Tgt Ion:146 Resp: 50146
Ion Ratio Lower Upper
146 100
148 62.1 51.9 77.9
75 32.6 23.7 35.5





#13

1,4-Dichlorobenzene

Concen: 5.180 ng

RT: 7.825 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP025393.D

Acq: 14 Aug 2025 13:15

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

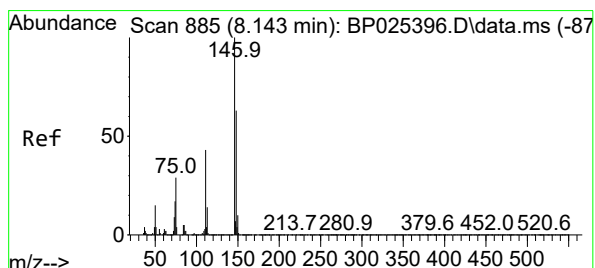
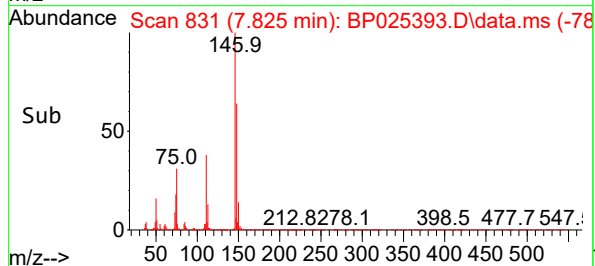
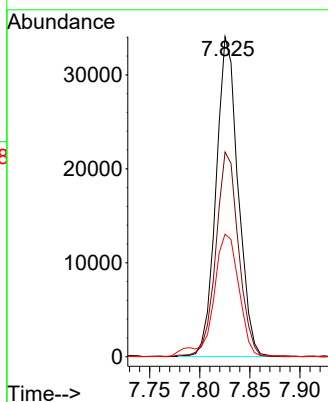
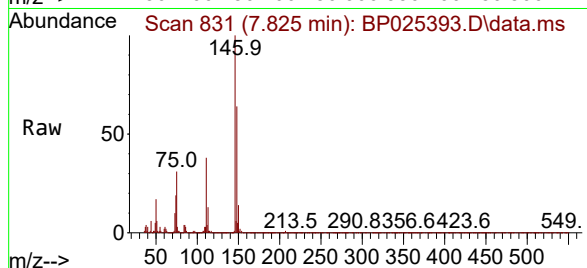
Tgt Ion:	146	Resp:	5194
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.6	77.4
111	38.3	33.4	50.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#14

1,2-Dichlorobenzene

Concen: 5.253 ng

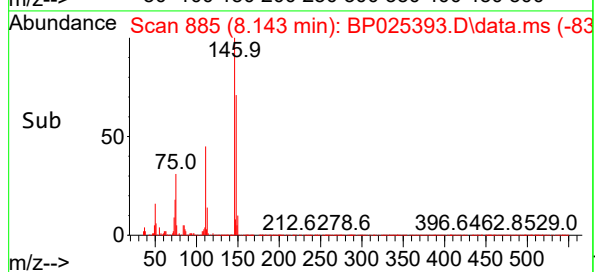
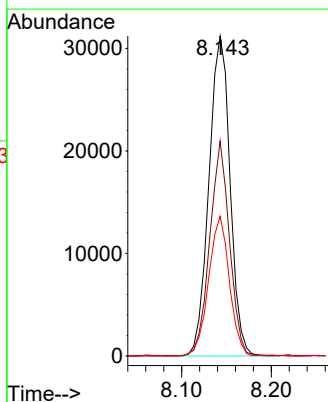
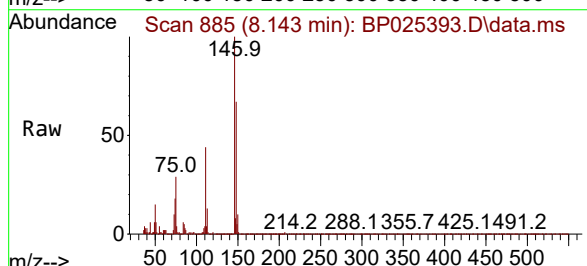
RT: 8.143 min Scan# 885

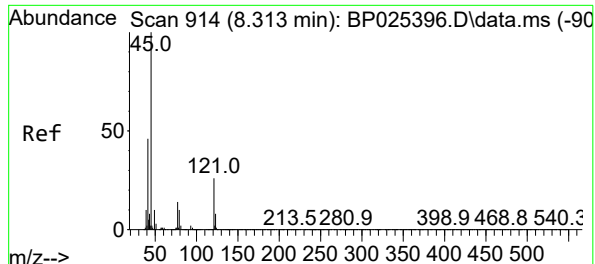
Delta R.T. 0.000 min

Lab File: BP025393.D

Acq: 14 Aug 2025 13:15

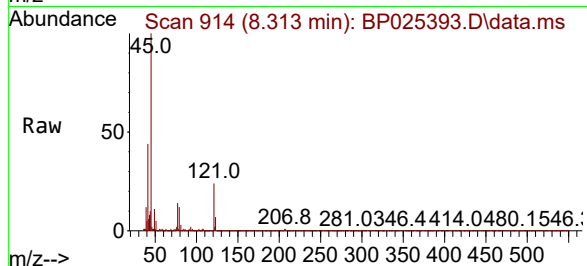
Tgt Ion:	146	Resp:	50995
Ion Ratio	Lower	Upper	
146	100		
148	67.2	50.4	75.6
111	43.7	34.5	51.7





#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.208 ng
RT: 8.313 min Scan# 914
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

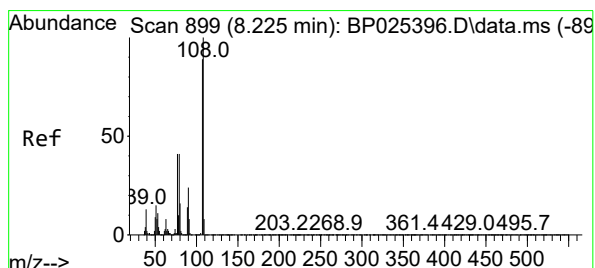
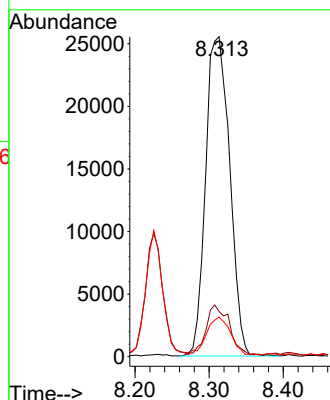
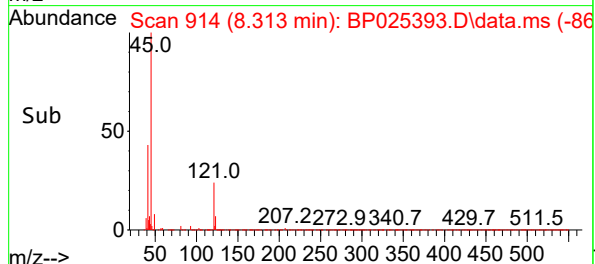
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



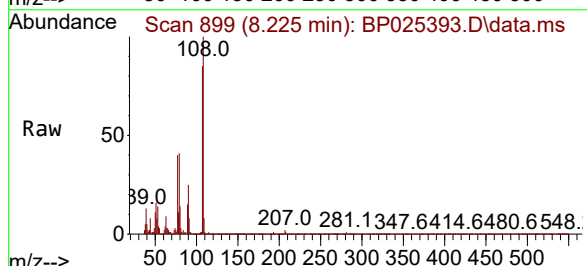
Tgt Ion: 45 Resp: 5768
Ion Ratio Lower Upper
45 100
77 14.1 0.0 35.3
79 12.4 0.0 31.8

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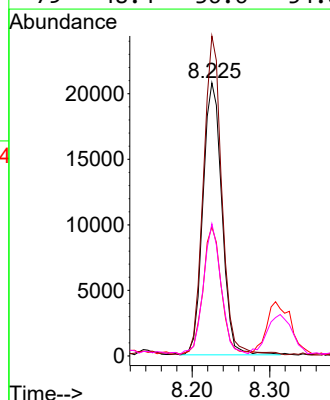
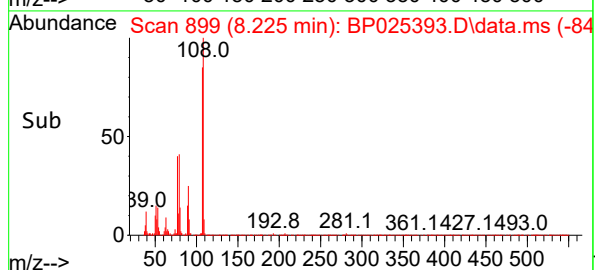
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

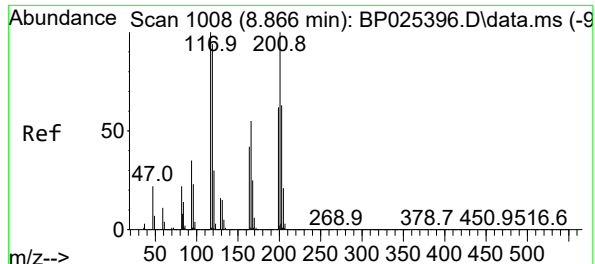


#17
2-Methylphenol
Concen: 4.776 ng
RT: 8.225 min Scan# 899
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15



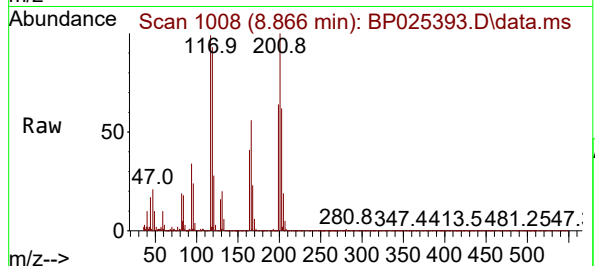
Tgt Ion:107 Resp: 35186
Ion Ratio Lower Upper
107 100
108 117.2 89.4 134.0
77 47.2 36.3 54.5
79 48.4 36.6 54.8





#18
Hexachloroethane
Concen: 5.127 ng
RT: 8.866 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

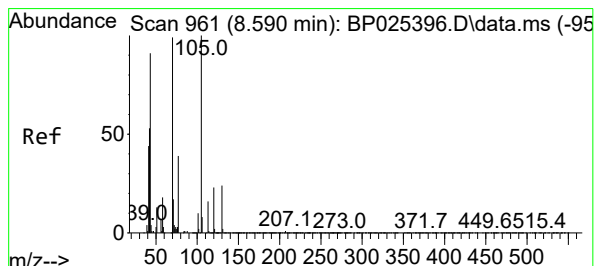
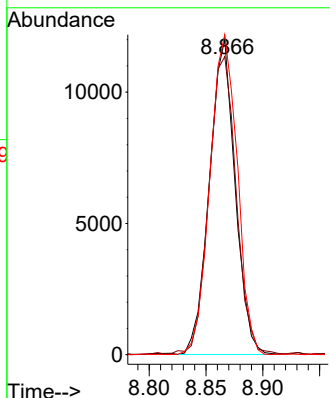
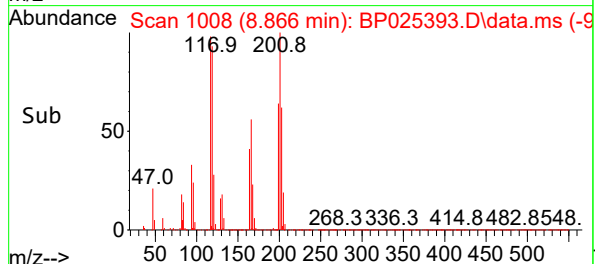
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion: 117 Resp: 1890
Ion Ratio Lower Upper
117 100
119 94.5 75.1 112.7
201 101.5 80.1 120.1

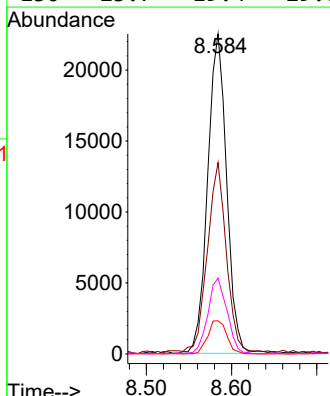
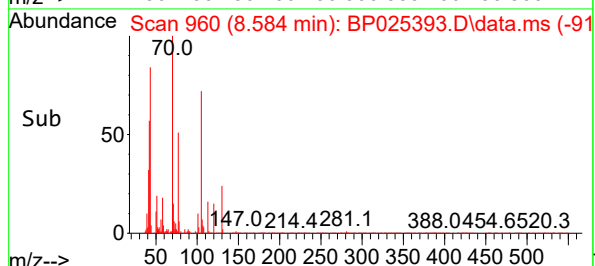
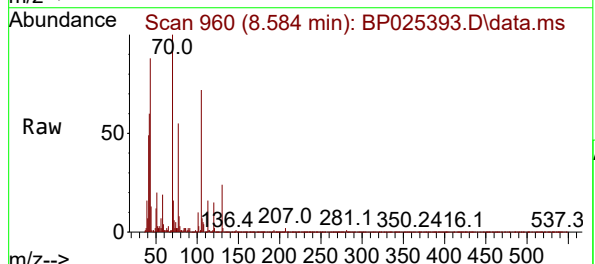
Manual Integrations
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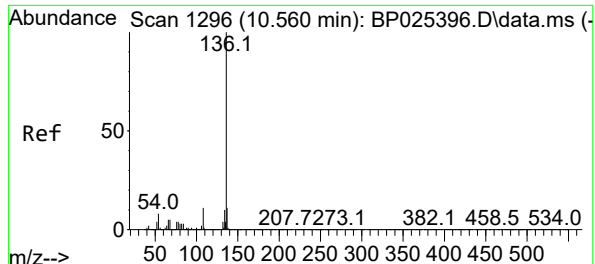
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#19
n-Nitroso-di-n-propylamine
Concen: 5.205 ng
RT: 8.584 min Scan# 960
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

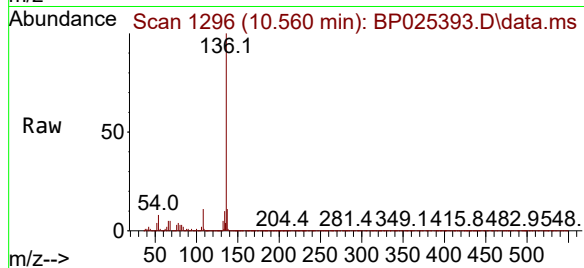
Tgt Ion: 70 Resp: 34898
Ion Ratio Lower Upper
70 100
42 59.8 43.8 65.6
101 10.3 8.5 12.7
130 23.7 19.4 29.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

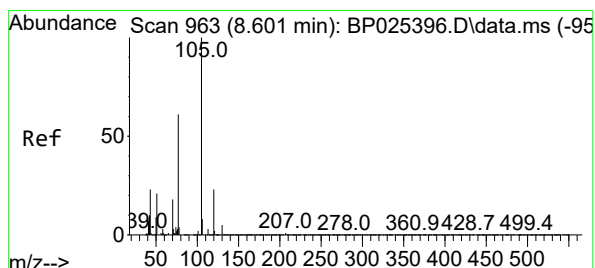
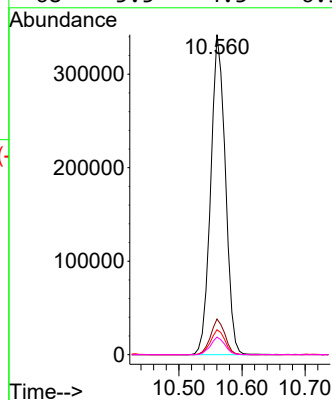
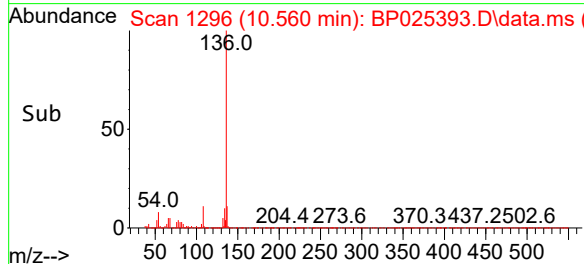
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:136 Resp: 551384
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 7.8 6.0 9.0
68 5.5 4.3 6.5

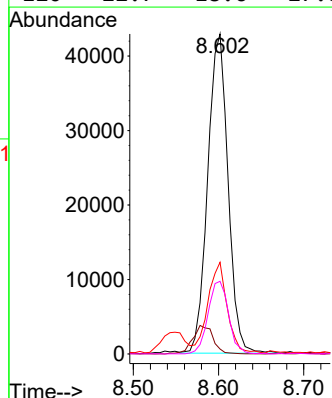
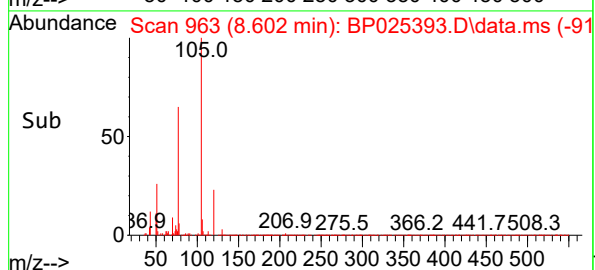
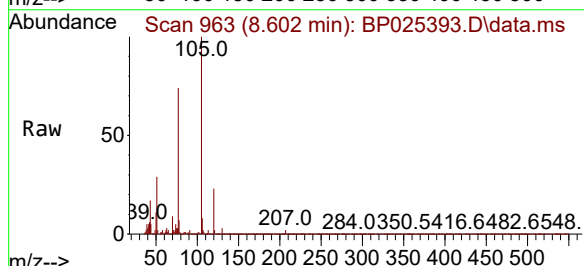
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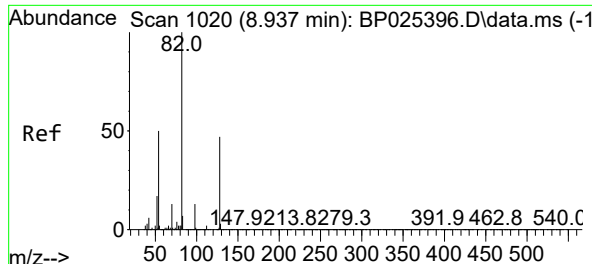
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#22
Acetophenone
Concen: 5.134 ng
RT: 8.602 min Scan# 963
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:105 Resp: 70986
Ion Ratio Lower Upper
105 100
71 1.5 2.6 4.0#
51 28.7 20.6 30.8
120 22.7 18.6 27.8





#23

Nitrobenzene-d5

Concen: 9.983 ng

RT: 8.931 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BP025393.D

Acq: 14 Aug 2025 13:15

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion: 82 Resp: 108814

Ion Ratio Lower Upper

82 100

128 47.0 37.7 56.5

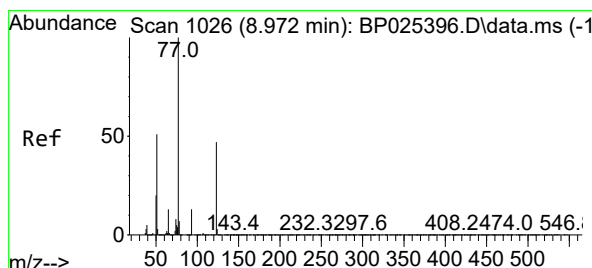
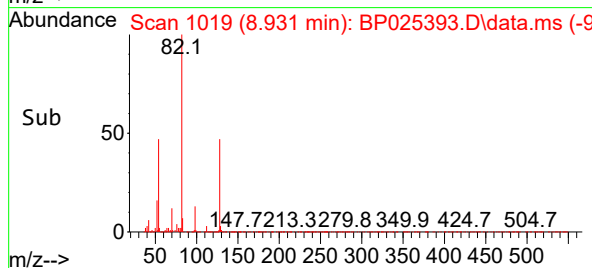
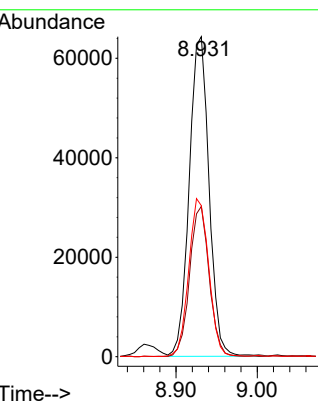
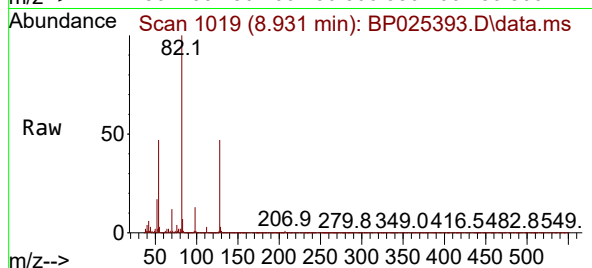
54 47.2 39.8 59.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#24

Nitrobenzene

Concen: 4.951 ng

RT: 8.972 min Scan# 1026

Delta R.T. 0.000 min

Lab File: BP025393.D

Acq: 14 Aug 2025 13:15

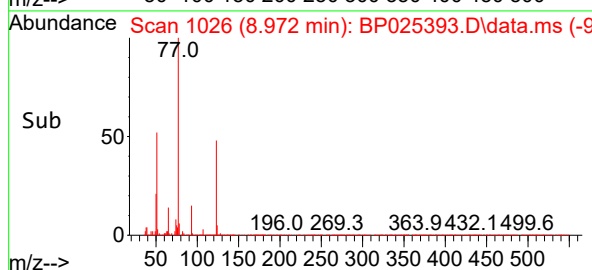
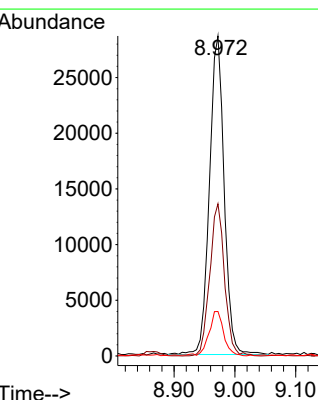
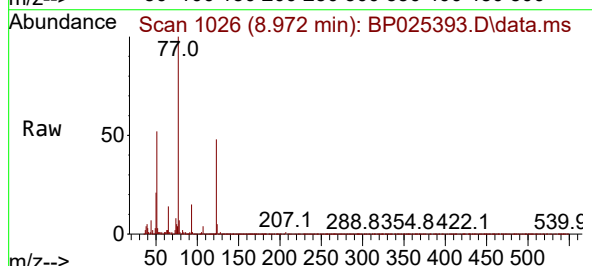
Tgt Ion: 77 Resp: 48234

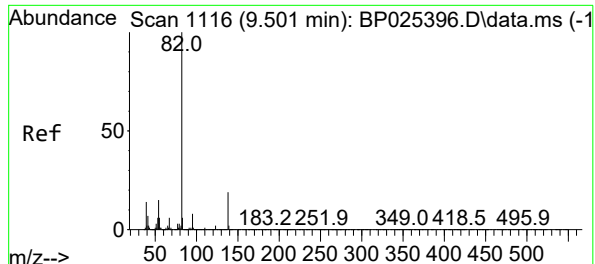
Ion Ratio Lower Upper

77 100

123 47.6 38.6 58.0

65 13.9 10.6 15.8





#25

Isophorone

Concen: 5.242 ng

RT: 9.496 min Scan# 1115

Delta R.T. -0.006 min

Lab File: BP025393.D

Acq: 14 Aug 2025 13:15

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion: 82 Resp: 10111

Ion Ratio Lower Upper

82 100

95 6.9 6.4 9.6

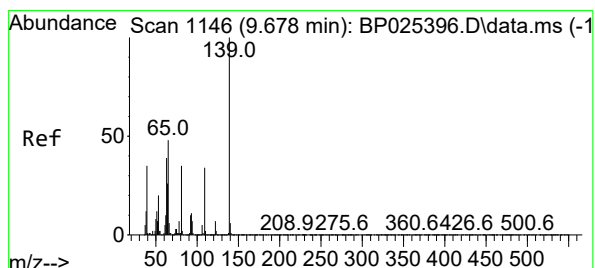
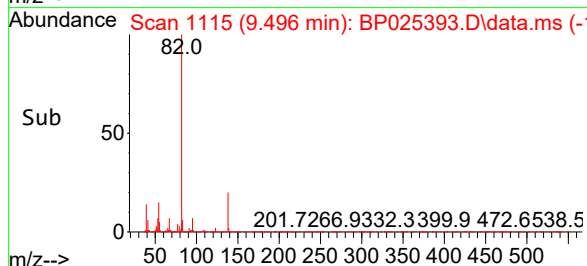
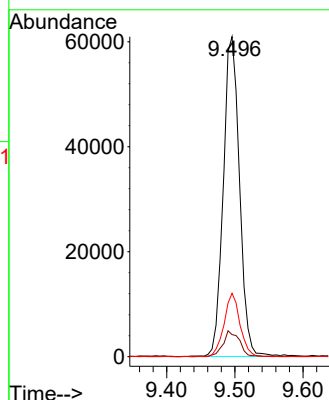
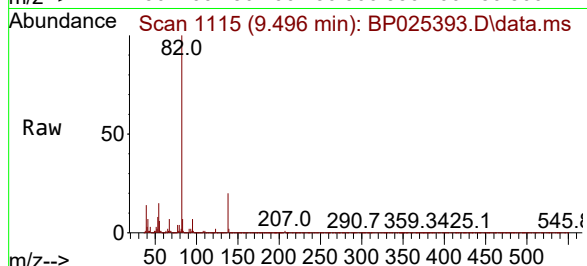
138 19.8 15.4 23.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#26

2-Nitrophenol

Concen: 4.605 ng

RT: 9.678 min Scan# 1146

Delta R.T. 0.000 min

Lab File: BP025393.D

Acq: 14 Aug 2025 13:15

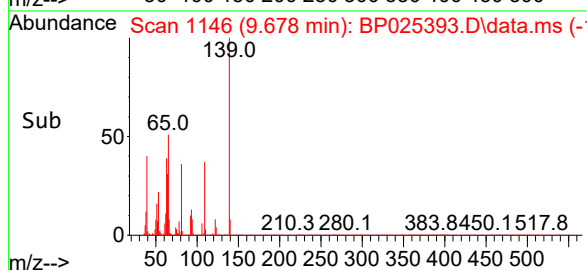
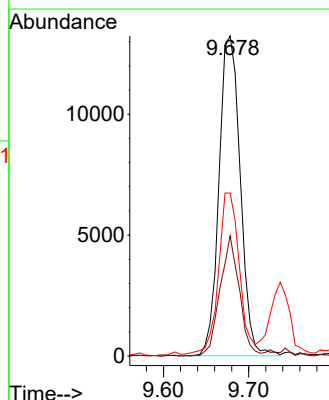
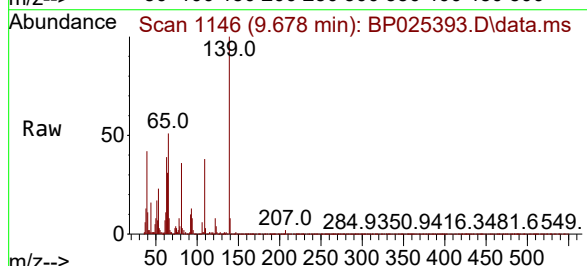
Tgt Ion:139 Resp: 23020

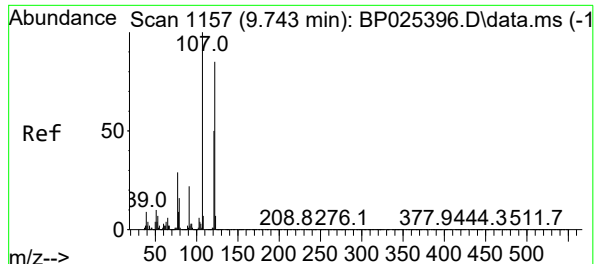
Ion Ratio Lower Upper

139 100

109 37.5 26.9 40.3

65 50.9 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 4.861 ng

RT: 9.737 min Scan# 1157

Delta R.T. -0.006 min

Lab File: BP025393.D

Acq: 14 Aug 2025 13:15

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:122 Resp: 41790

Ion Ratio Lower Upper

122 100

107 116.7 93.7 140.5

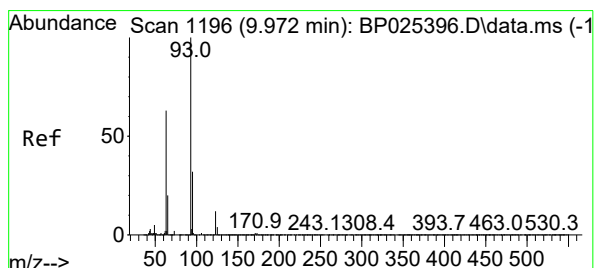
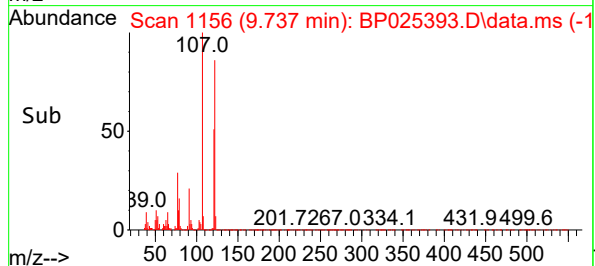
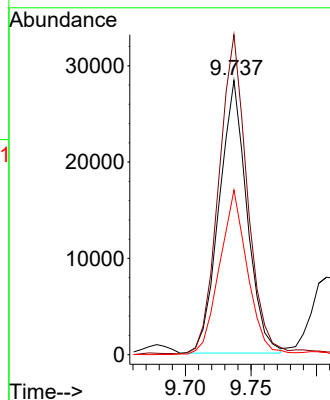
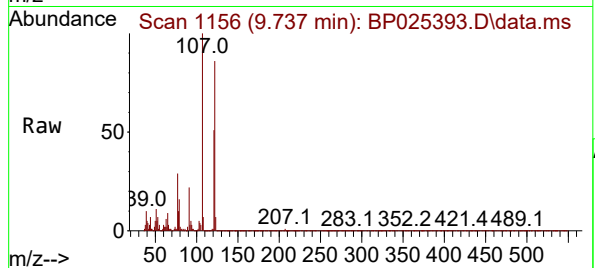
121 60.0 46.6 69.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#28

bis(2-Chloroethoxy)methane

Concen: 5.233 ng

RT: 9.972 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BP025393.D

Acq: 14 Aug 2025 13:15

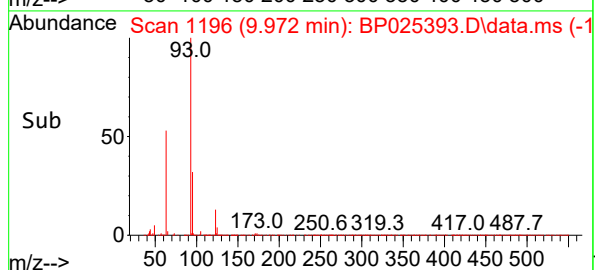
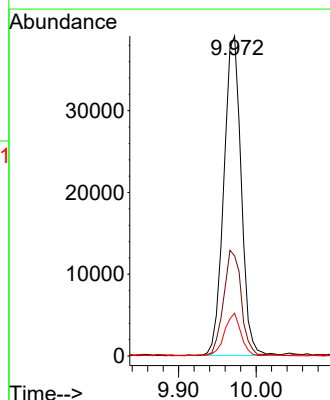
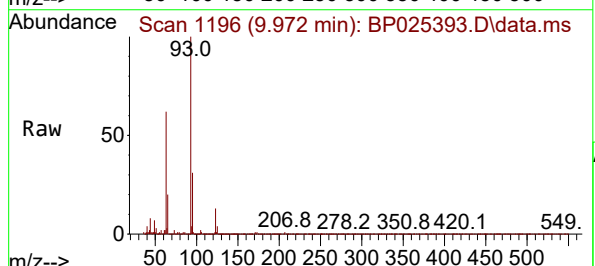
Tgt Ion: 93 Resp: 61017

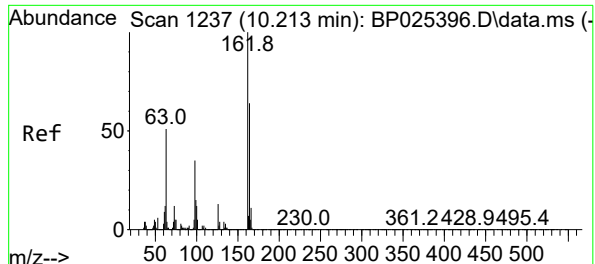
Ion Ratio Lower Upper

93 100

95 31.3 25.4 38.0

123 13.4 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 4.723 ng

RT: 10.213 min Scan# 1237

Delta R.T. 0.000 min

Lab File: BP025393.D

Acq: 14 Aug 2025 13:15

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:162 Resp: 40330

Ion Ratio Lower Upper

162 100

164 60.3 44.4 84.4

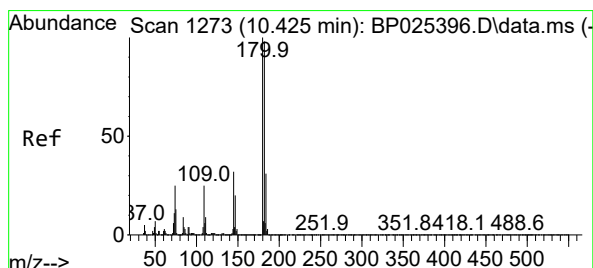
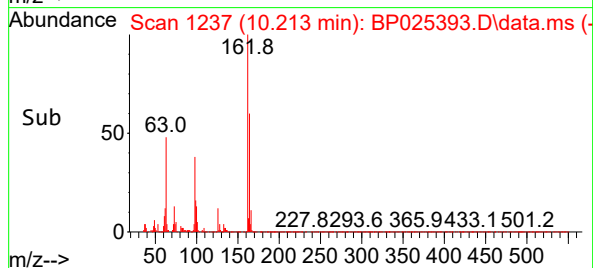
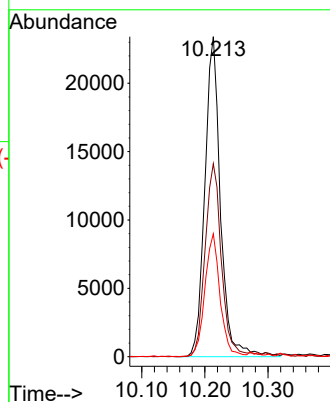
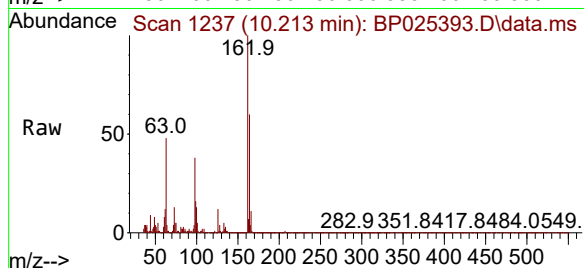
98 38.4 14.9 54.9

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#30

1,2,4-Trichlorobenzene

Concen: 5.259 ng

RT: 10.425 min Scan# 1273

Delta R.T. 0.000 min

Lab File: BP025393.D

Acq: 14 Aug 2025 13:15

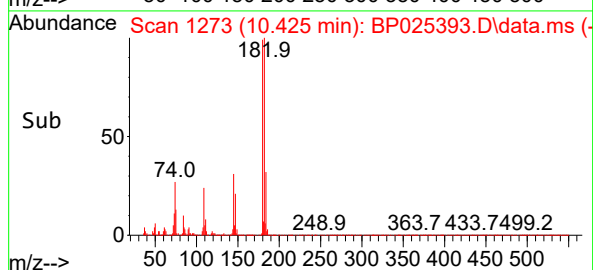
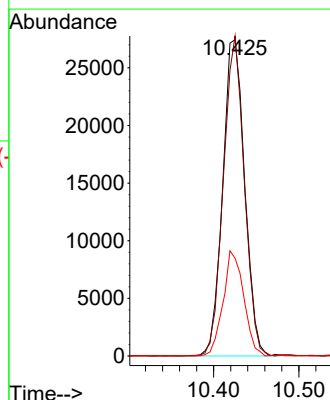
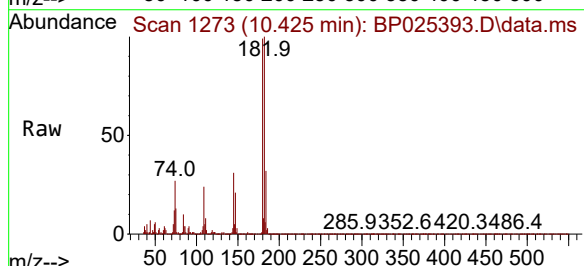
Tgt Ion:180 Resp: 49237

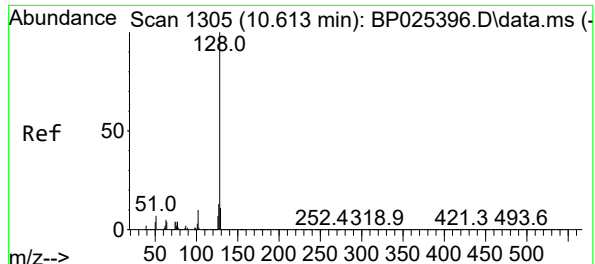
Ion Ratio Lower Upper

180 100

182 101.2 78.0 117.0

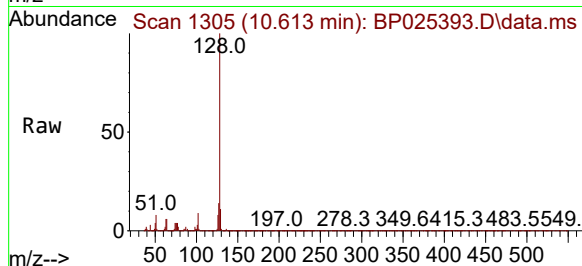
145 30.9 25.9 38.9





#31
Naphthalene
Concen: 5.141 ng
RT: 10.613 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

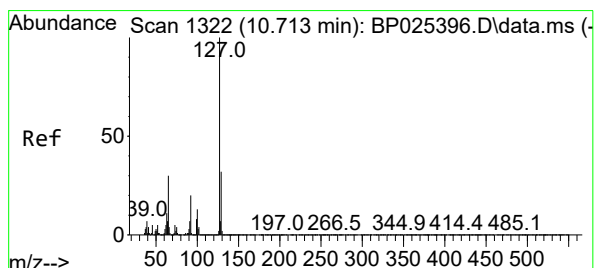
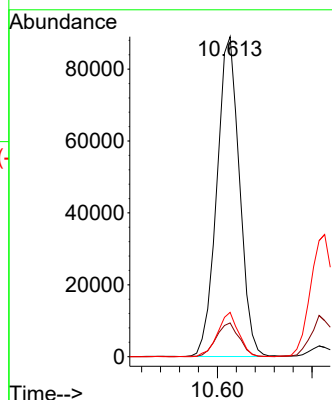
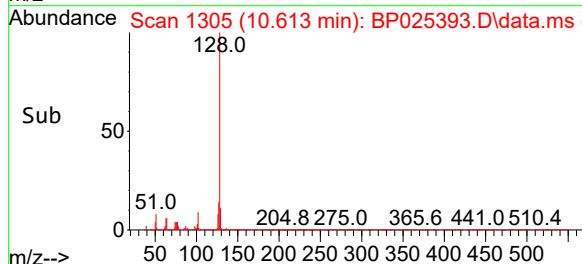
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:128 Resp: 147340
Ion Ratio Lower Upper
128 100
129 10.6 8.6 13.0
127 13.9 10.7 16.1

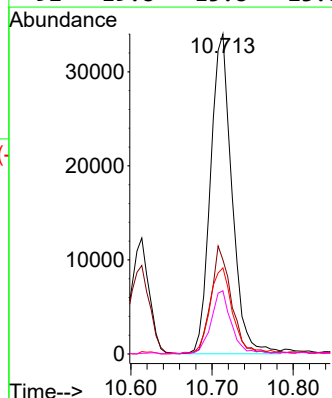
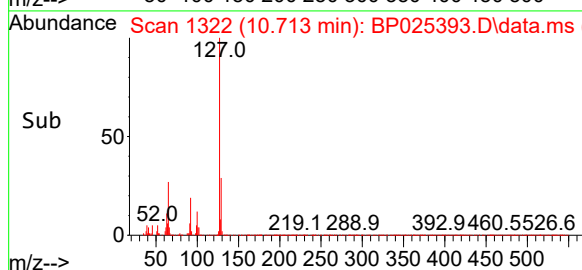
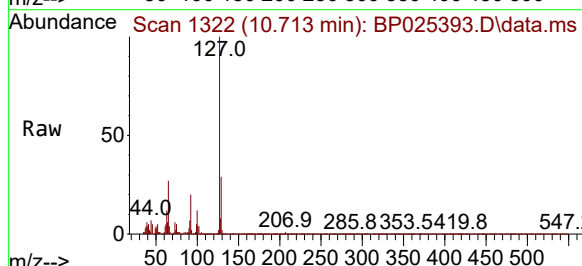
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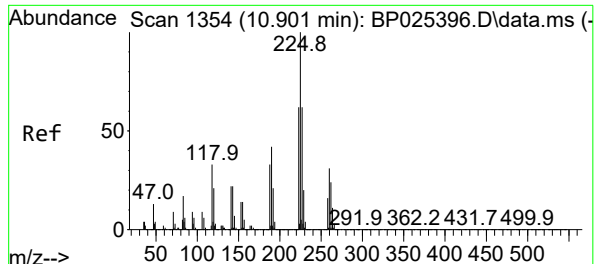
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#33
4-Chloroaniline
Concen: 4.933 ng
RT: 10.713 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

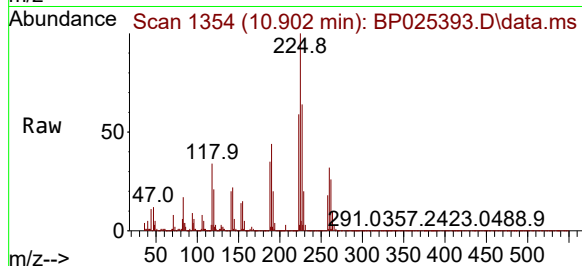
Tgt Ion:127 Resp: 62452
Ion Ratio Lower Upper
127 100
129 29.4 25.4 38.2
65 26.9 23.8 35.6
92 19.8 15.8 23.8





#34
Hexachlorobutadiene
Concen: 5.241 ng
RT: 10.902 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

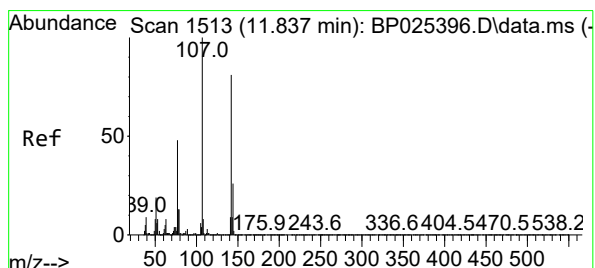
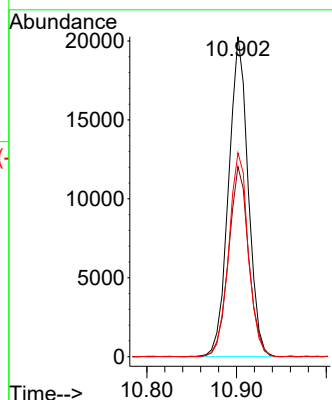
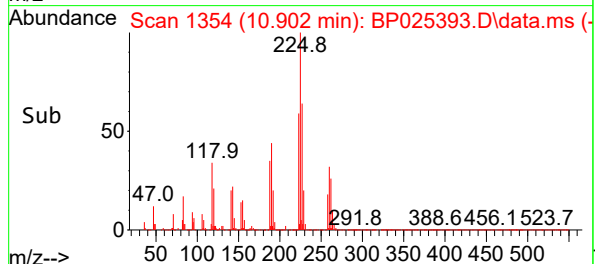
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



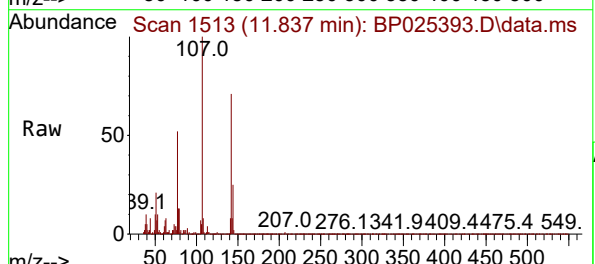
Tgt Ion: 225 Resp: 30559
Ion Ratio Lower Upper
225 100
223 59.4 50.0 75.0
227 66.3 49.7 74.5

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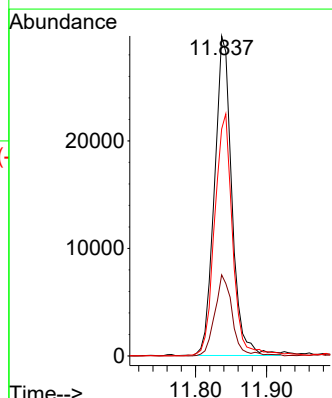
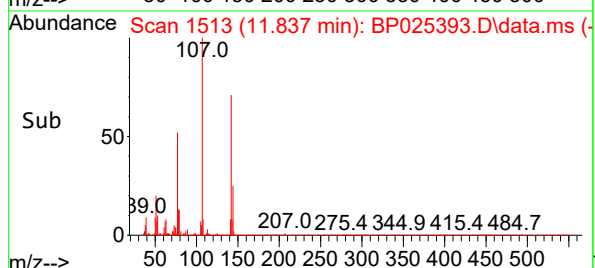
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

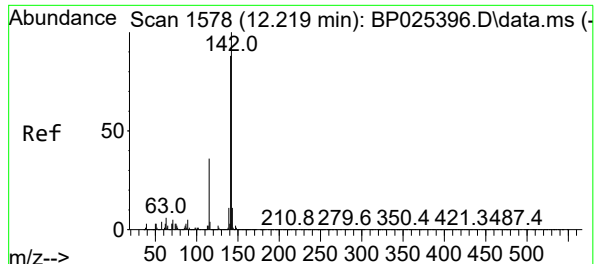


#36
4-Chloro-3-methylphenol
Concen: 5.154 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15



Tgt Ion: 107 Resp: 50515
Ion Ratio Lower Upper
107 100
144 25.4 21.0 31.4
142 70.9 64.6 97.0





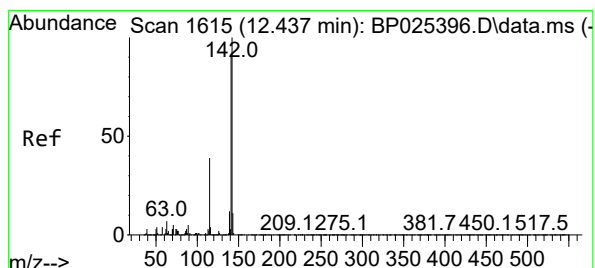
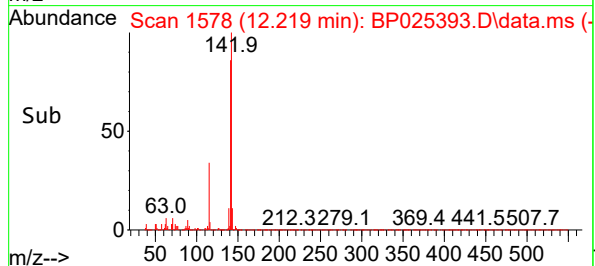
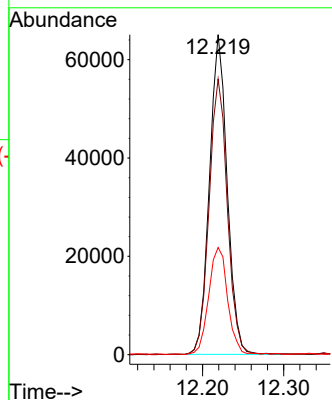
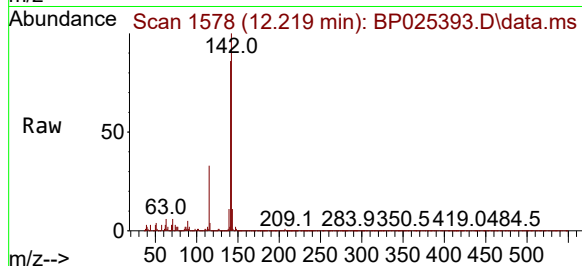
#37
2-Methylnaphthalene
Concen: 5.289 ng
RT: 12.219 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:142 Resp: 9864
Ion Ratio Lower Upper
142 100
141 86.1 70.3 105.5
115 33.5 28.9 43.3

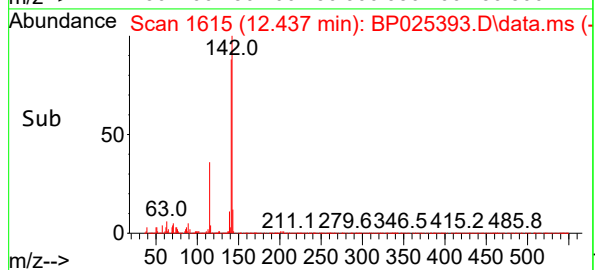
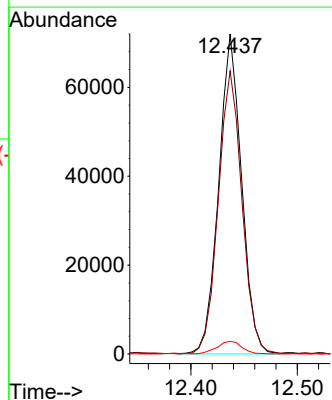
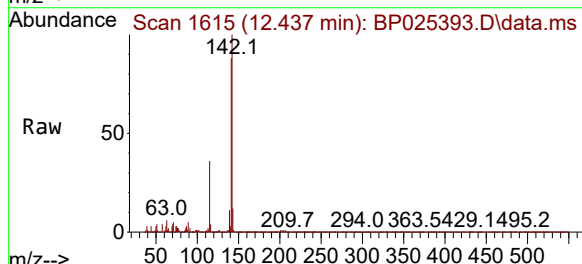
Manual Integrations
APPROVED

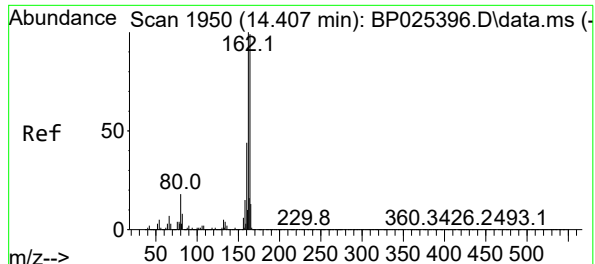
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#38
1-Methylnaphthalene
Concen: 5.397 ng
RT: 12.437 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:142 Resp: 107044
Ion Ratio Lower Upper
142 100
141 88.4 73.1 109.7
116 3.9 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.401 min Scan# 1950

Delta R.T. -0.006 min

Lab File: BP025393.D

Acq: 14 Aug 2025 13:15

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:164 Resp: 392370

Ion Ratio Lower Upper

164 100

162 103.6 81.0 121.6

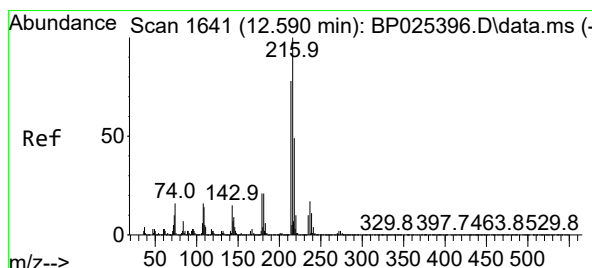
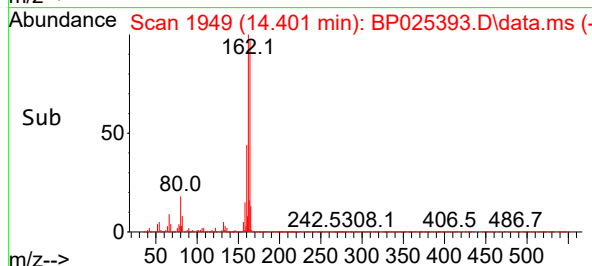
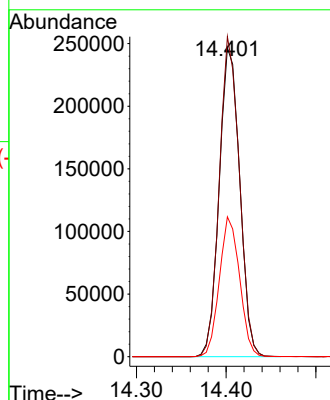
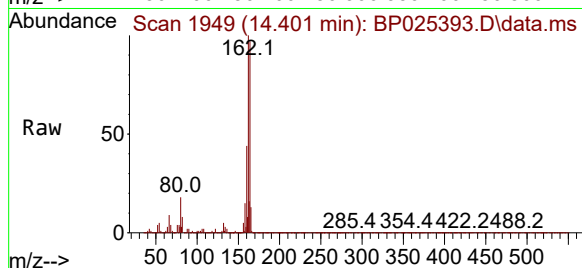
160 45.3 35.4 53.2

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 5.001 ng

RT: 12.590 min Scan# 1641

Delta R.T. 0.000 min

Lab File: BP025393.D

Acq: 14 Aug 2025 13:15

Tgt Ion:216 Resp: 56676

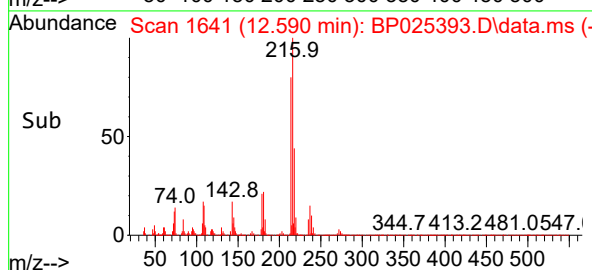
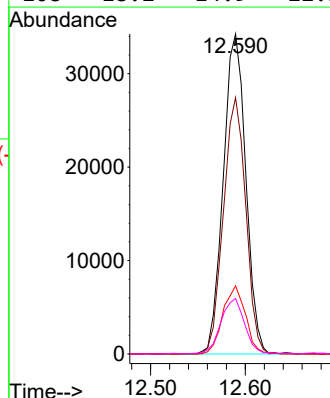
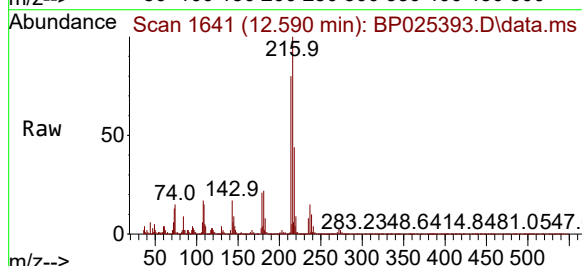
Ion Ratio Lower Upper

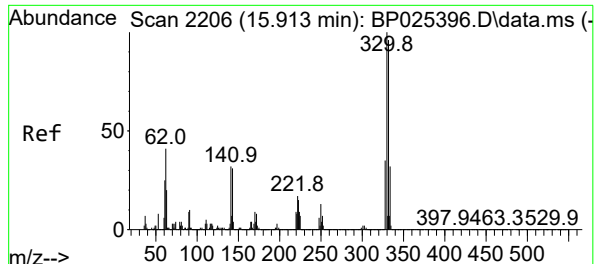
216 100

214 79.1 63.0 94.4

179 21.3 17.1 25.7

108 18.2 14.9 22.3





#42

2,4,6-Tribromophenol

Concen: 9.881 ng

RT: 15.913 min Scan# 2206

Delta R.T. 0.000 min

Lab File: BP025393.D

Acq: 14 Aug 2025 13:15

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:330 Resp: 5218

Ion Ratio Lower Upper

330 100

332 100.4 77.3 115.9

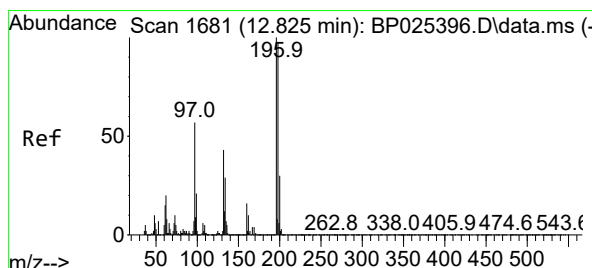
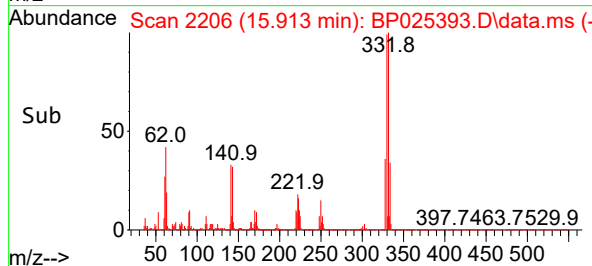
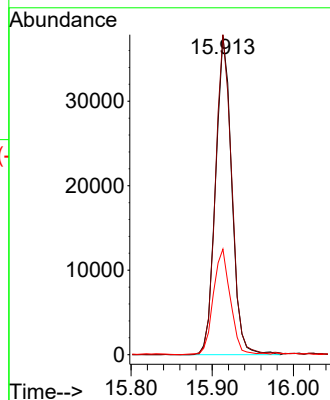
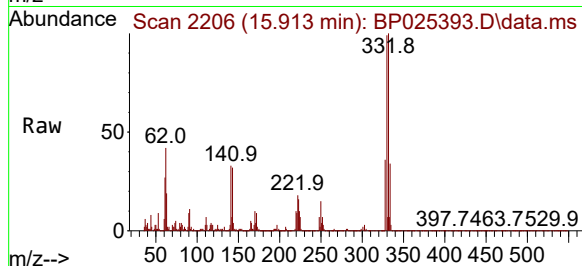
141 34.9 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#43

2,4,6-Trichlorophenol

Concen: 4.718 ng

RT: 12.831 min Scan# 1682

Delta R.T. 0.006 min

Lab File: BP025393.D

Acq: 14 Aug 2025 13:15

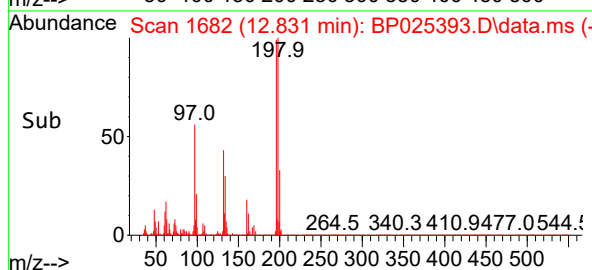
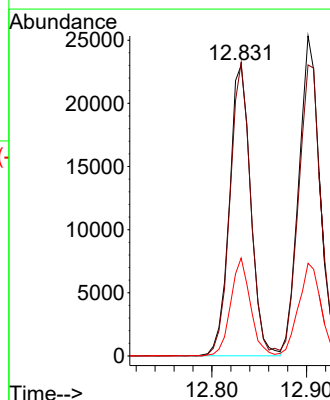
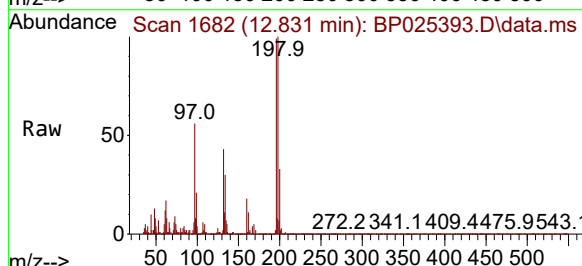
Tgt Ion:196 Resp: 36093

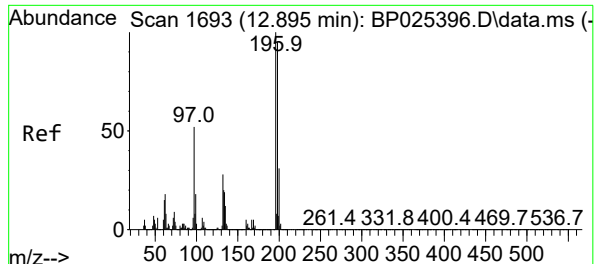
Ion Ratio Lower Upper

196 100

198 101.0 77.2 115.8

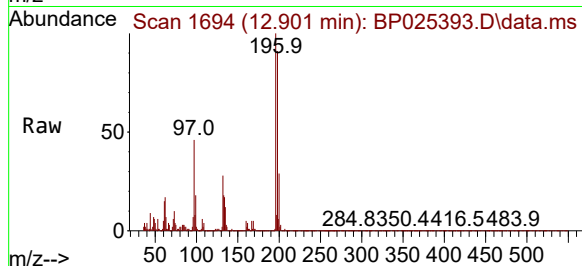
200 33.7 23.9 35.9





#44
2,4,5-Trichlorophenol
Concen: 4.875 ng
RT: 12.901 min Scan# 1693
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

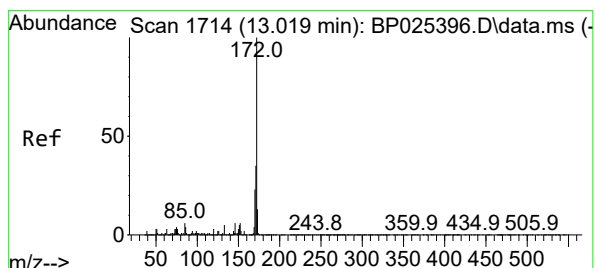
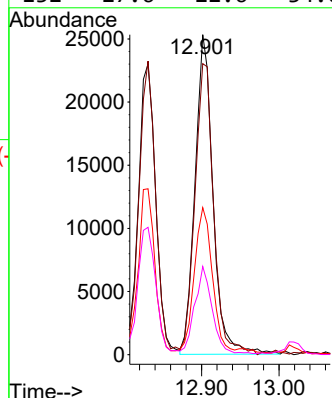
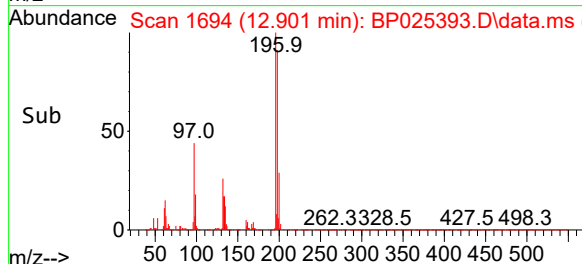
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:196 Resp: 40875
Ion Ratio Lower Upper
196 100
198 91.0 76.2 114.2
97 46.0 41.2 61.8
132 27.6 22.6 34.0

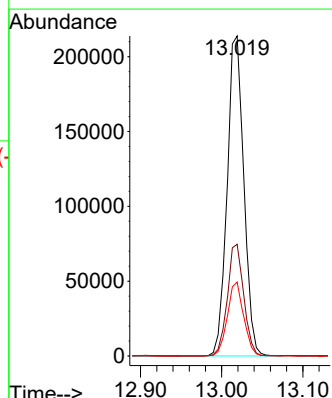
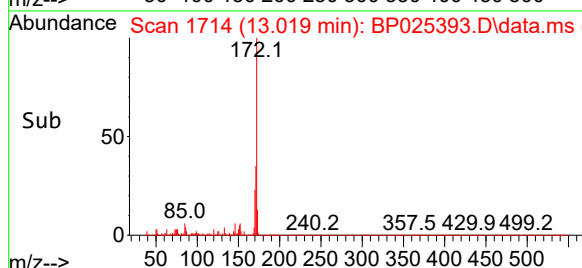
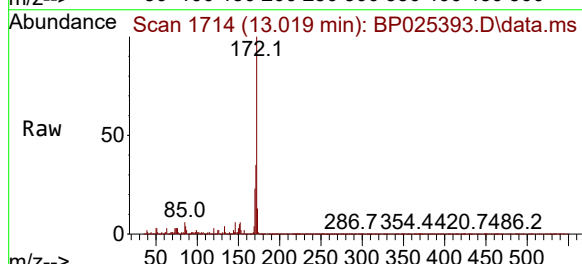
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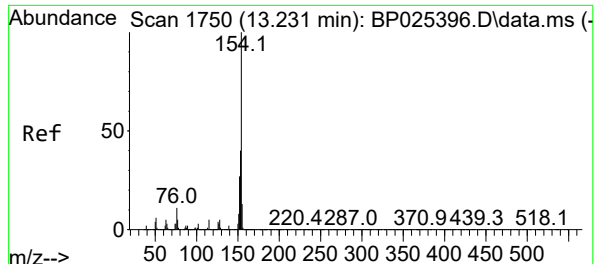
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#45
2-Fluorobiphenyl
Concen: 10.649 ng
RT: 13.019 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:172 Resp: 305742
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 23.1 18.6 28.0





#46

1,1'-Biphenyl

Concen: 5.146 ng

RT: 13.237 min Scan# 1750

Delta R.T. 0.006 min

Lab File: BP025393.D

Acq: 14 Aug 2025 13:15

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

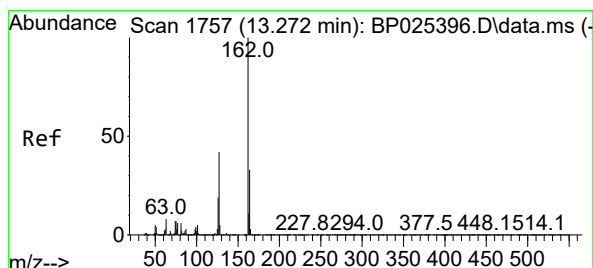
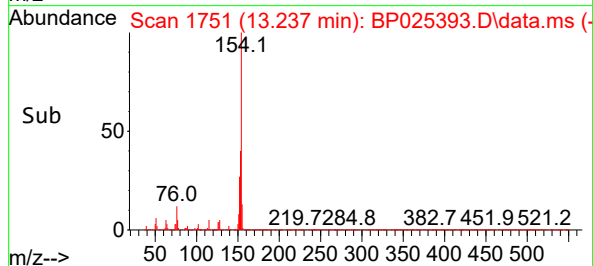
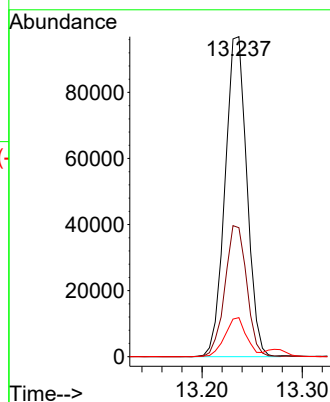
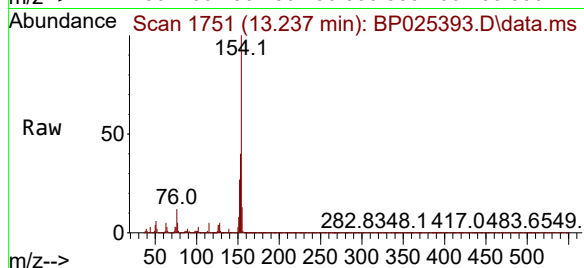
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	19.5	59.5
76	12.2	0.0	31.1

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#47

2-Chloronaphthalene

Concen: 5.094 ng

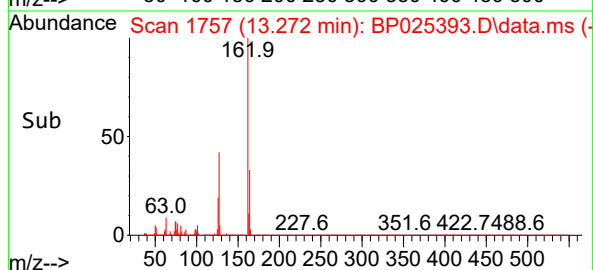
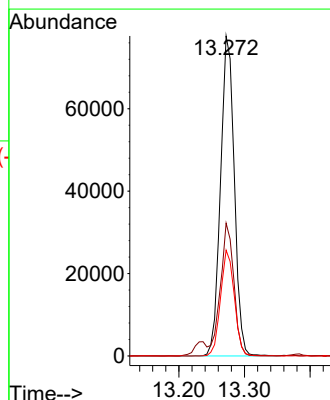
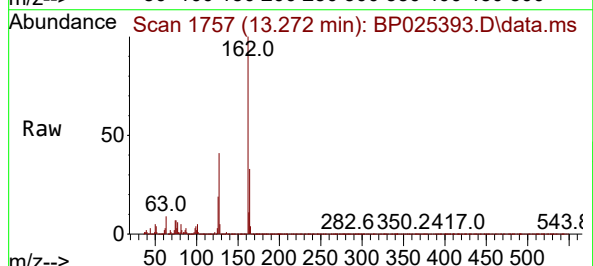
RT: 13.272 min Scan# 1757

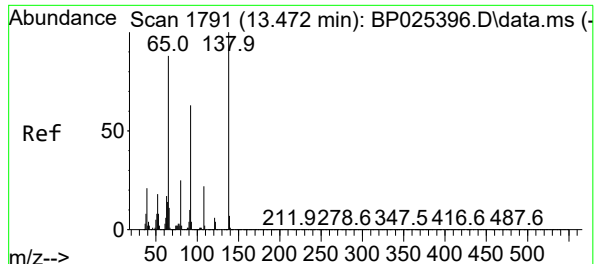
Delta R.T. 0.000 min

Lab File: BP025393.D

Acq: 14 Aug 2025 13:15

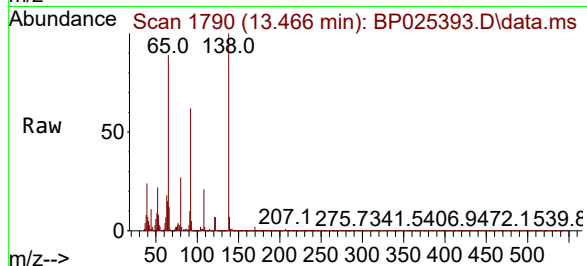
Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.5	33.4	50.2
164	33.0	26.2	39.2





#48
2-Nitroaniline
Concen: 4.568 ng
RT: 13.466 min Scan# 1791
Delta R.T. -0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

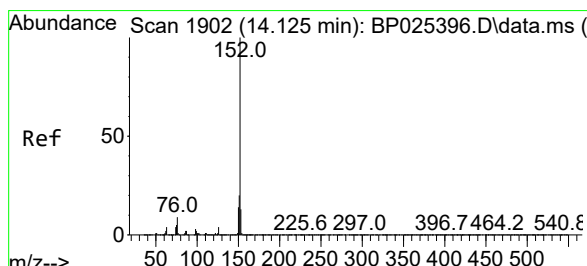
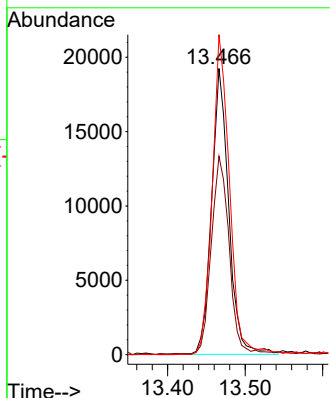
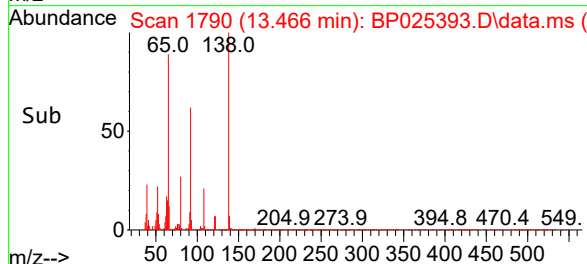
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion: 65 Resp: 2952
Ion Ratio Lower Upper
65 100
92 69.3 57.6 86.4
138 111.8 91.0 136.6

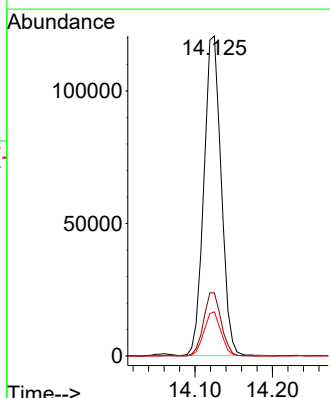
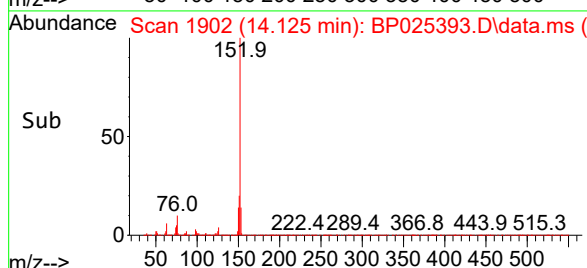
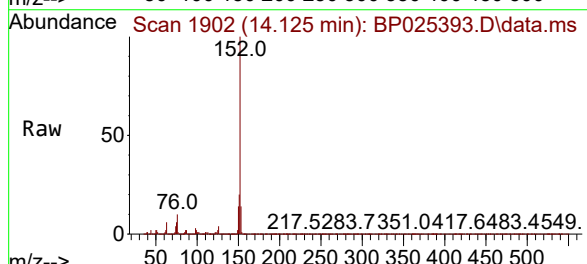
Manual Integrations
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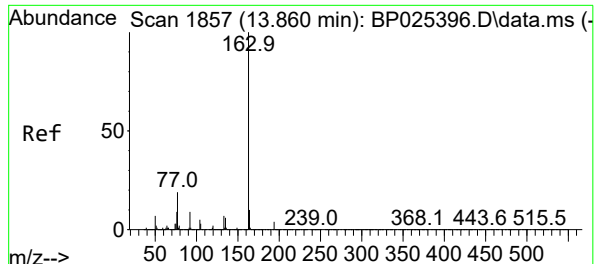
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#49
Acenaphthylene
Concen: 5.095 ng
RT: 14.125 min Scan# 1902
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

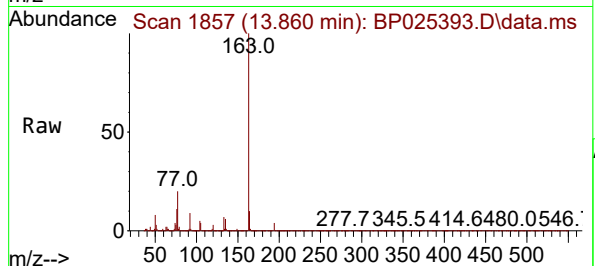
Tgt Ion:152 Resp: 187026
Ion Ratio Lower Upper
152 100
151 19.8 16.0 24.0
153 13.8 10.6 15.8





#50
Dimethylphthalate
Concen: 5.355 ng
RT: 13.860 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

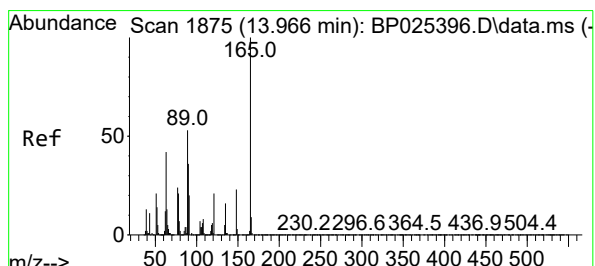
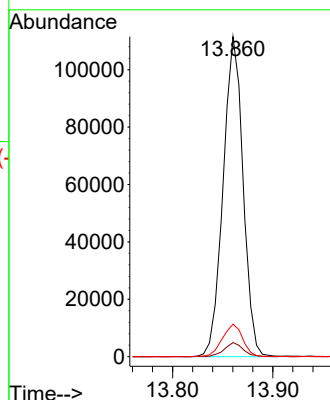
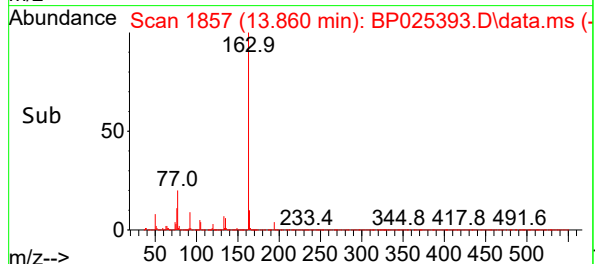
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



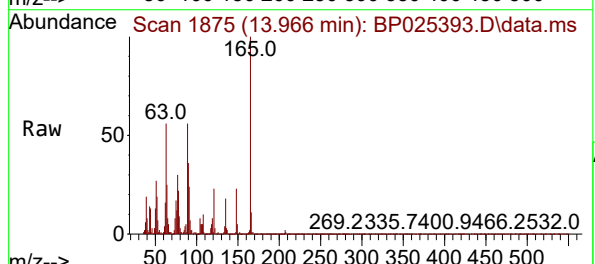
Tgt Ion:163 Resp: 15386
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.0
164 10.1 7.9 11.9

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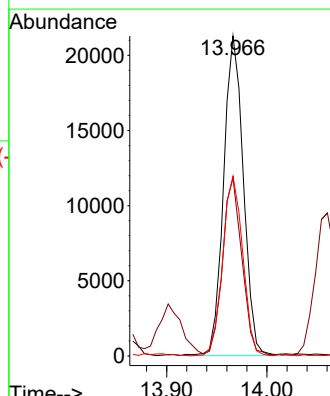
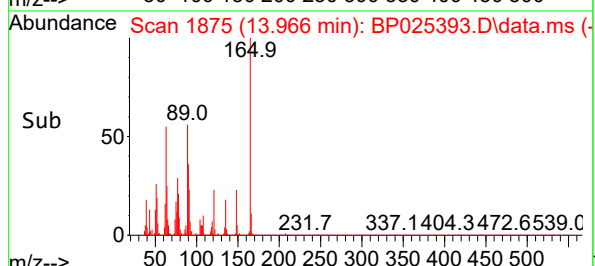
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

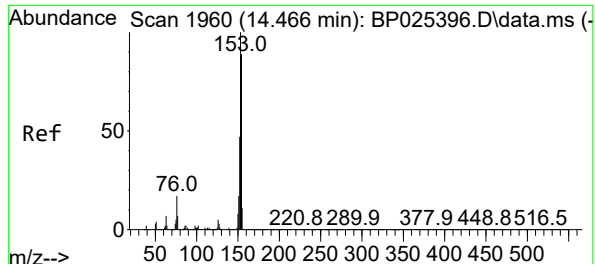


#51
2,6-Dinitrotoluene
Concen: 4.803 ng
RT: 13.966 min Scan# 1875
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15



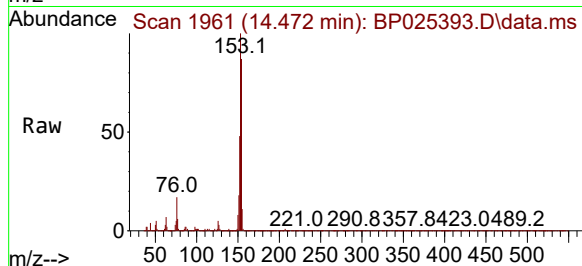
Tgt Ion:165 Resp: 29088
Ion Ratio Lower Upper
165 100
63 55.7 40.9 61.3
89 56.2 42.1 63.1





#52
Acenaphthene
Concen: 5.232 ng m
RT: 14.472 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

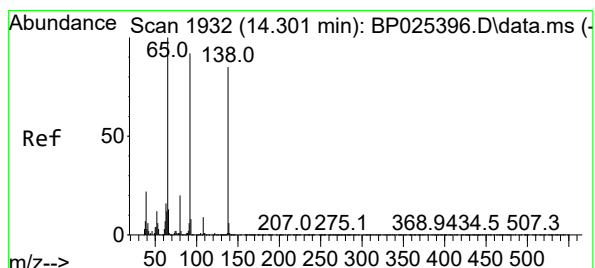
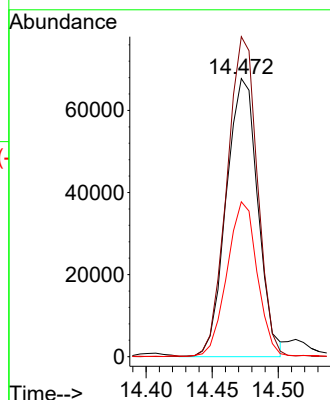
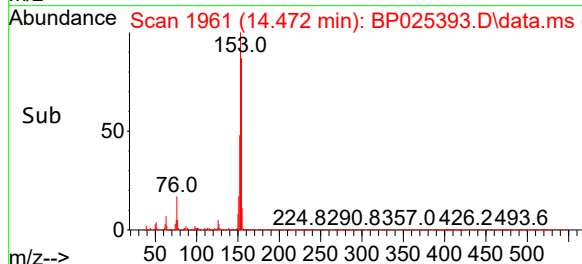
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:154 Resp: 112730
Ion Ratio Lower Upper
154 100
153 115.1 90.2 135.2
152 55.7 42.1 63.1

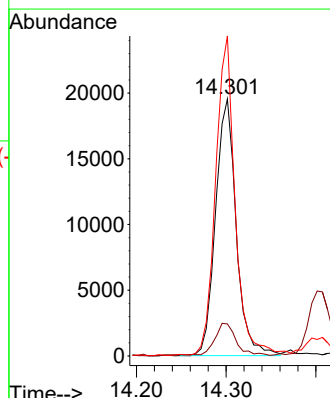
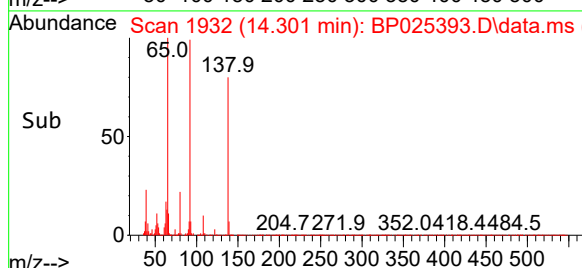
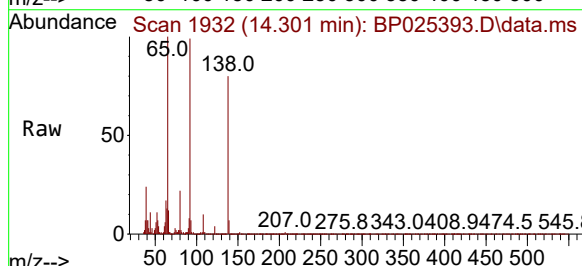
Manual Integrations
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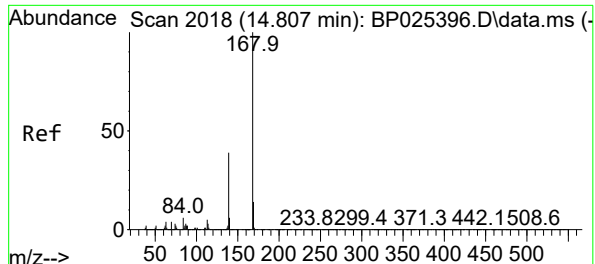
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#53
3-Nitroaniline
Concen: 4.583 ng
RT: 14.301 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:138 Resp: 31224
Ion Ratio Lower Upper
138 100
108 12.5 8.3 12.5
92 124.5 86.2 129.2





#55

Dibenzenofuran

Concen: 5.240 ng

RT: 14.813 min Scan# 2018

Delta R.T. 0.006 min

Lab File: BP025393.D

Acq: 14 Aug 2025 13:15

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:168 Resp: 178494

Ion Ratio Lower Upper

168 100

139 39.6 31.5 47.3

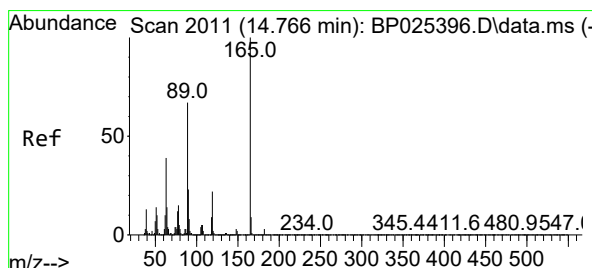
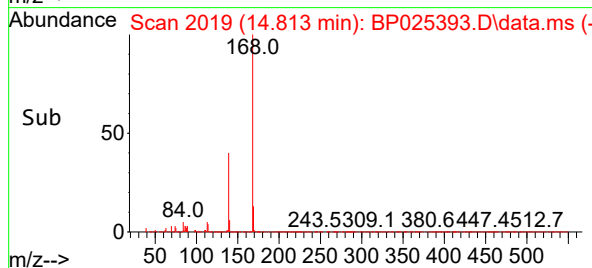
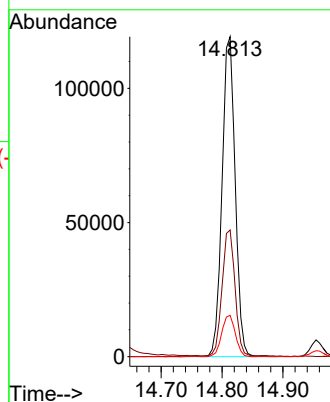
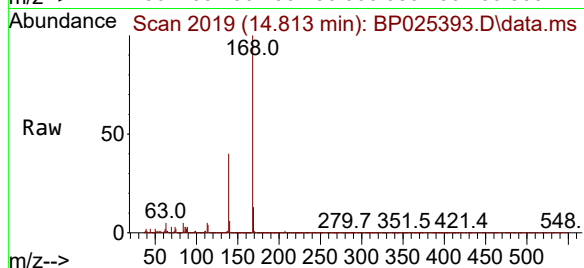
169 12.9 10.9 16.3

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#57

2,4-Dinitrotoluene

Concen: 4.590 ng

RT: 14.760 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BP025393.D

Acq: 14 Aug 2025 13:15

Tgt Ion:165 Resp: 39658

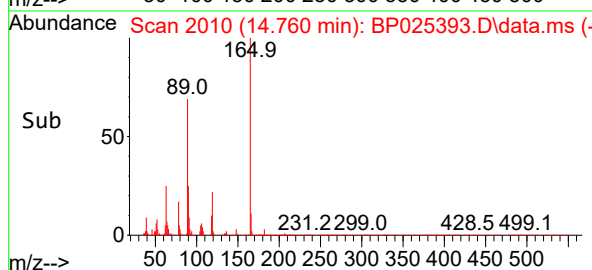
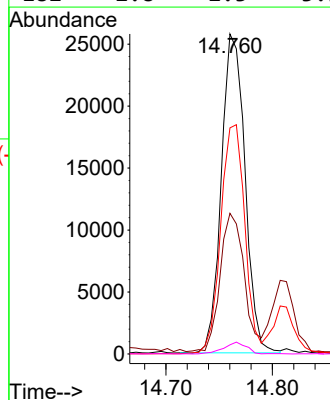
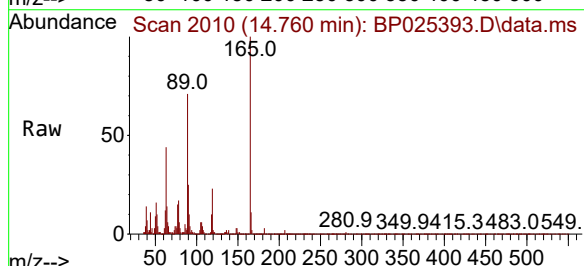
Ion Ratio Lower Upper

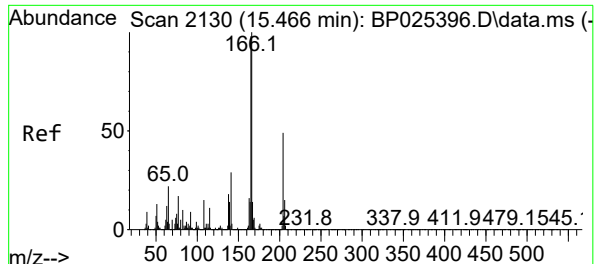
165 100

63 43.9 31.4 47.2

89 70.6 53.3 79.9

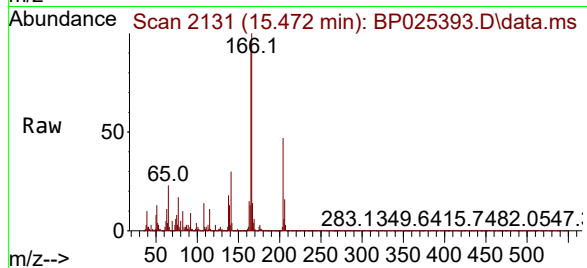
182 2.8 2.3 3.5





#58
Fluorene
Concen: 5.497 ng
RT: 15.472 min Scan# 2130
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

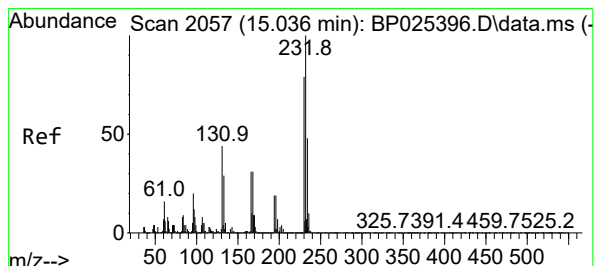
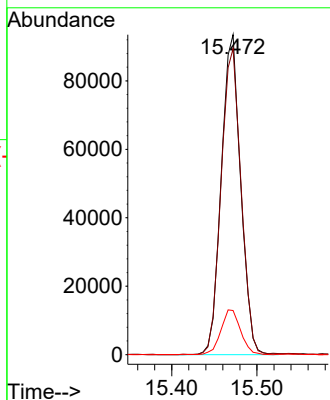
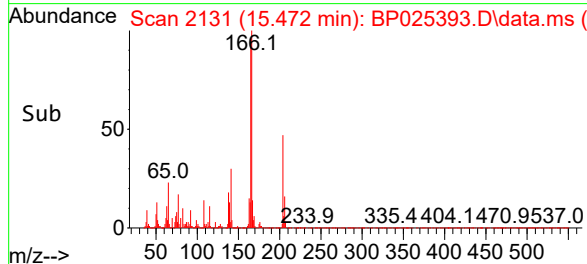
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:166 Resp: 147760
Ion Ratio Lower Upper
166 100
165 95.7 78.8 118.2
167 13.8 11.0 16.4

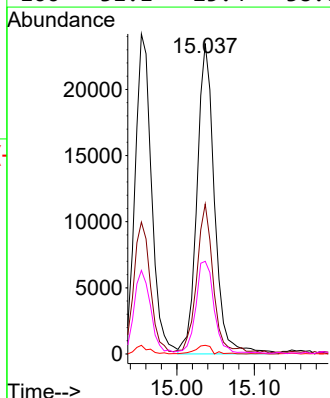
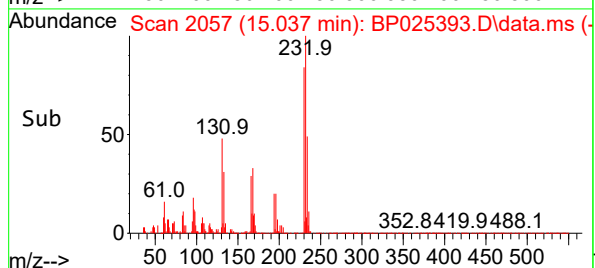
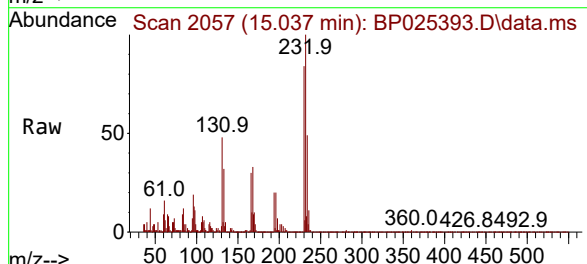
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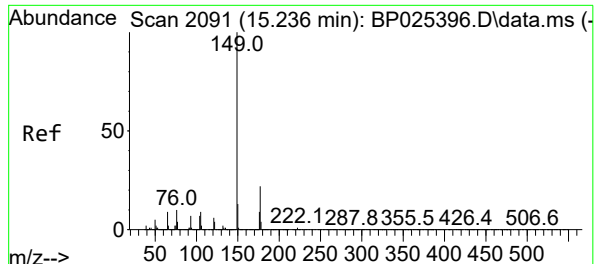
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#59
2,3,4,6-Tetrachlorophenol
Concen: 4.968 ng
RT: 15.037 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

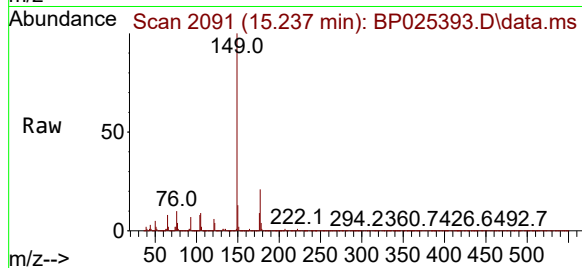
Tgt Ion:232 Resp: 36779
Ion Ratio Lower Upper
232 100
131 46.0 37.0 55.6
130 2.7 1.9 2.9
166 31.1 25.4 38.0





#60
Diethylphthalate
Concen: 5.426 ng
RT: 15.237 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

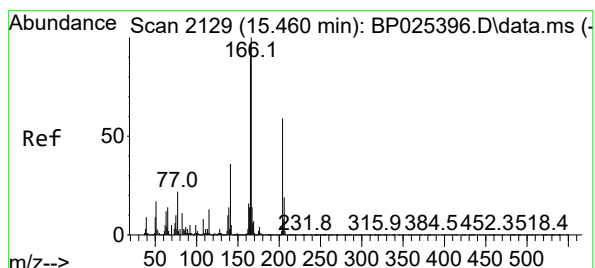
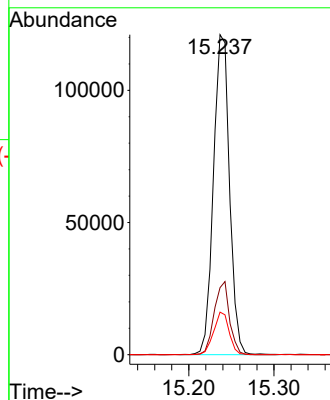
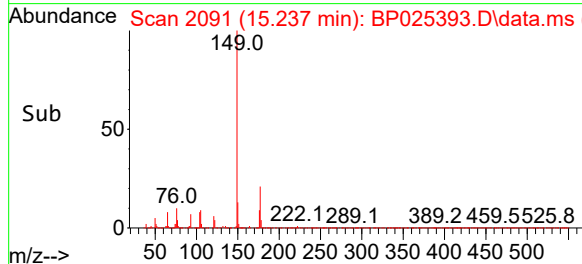
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:149 Resp: 158420
Ion Ratio Lower Upper
149 100
177 20.9 17.3 25.9
150 13.3 10.3 15.5

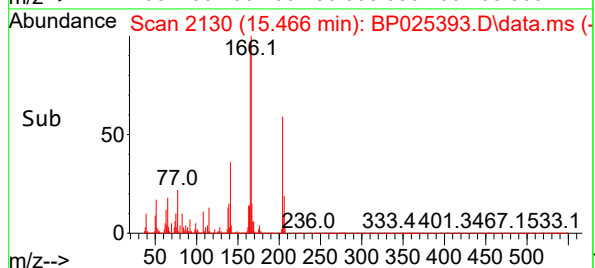
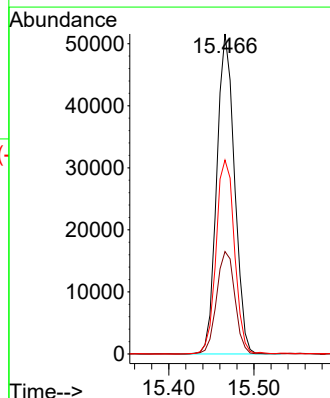
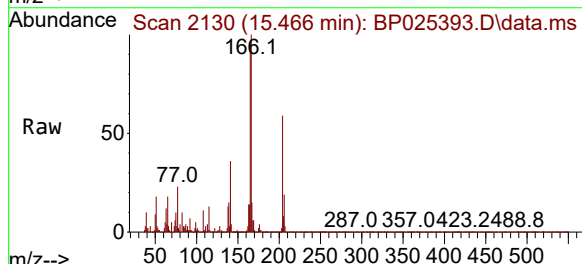
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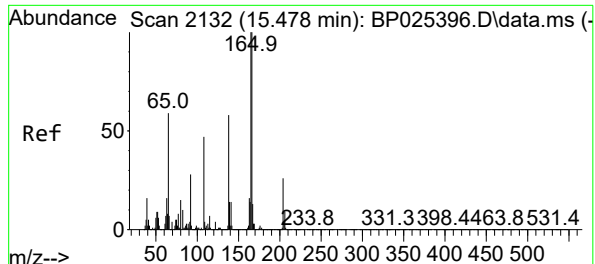
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#61
4-Chlorophenyl-phenylether
Concen: 5.583 ng
RT: 15.466 min Scan# 2130
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:204 Resp: 74636
Ion Ratio Lower Upper
204 100
206 32.0 25.8 38.8
141 60.6 49.4 74.2





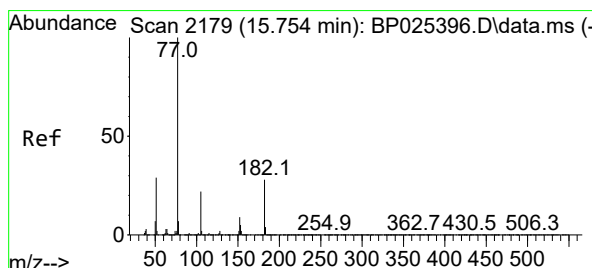
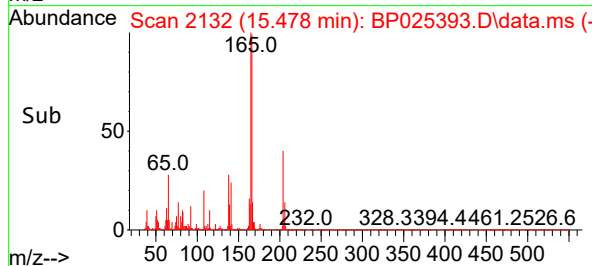
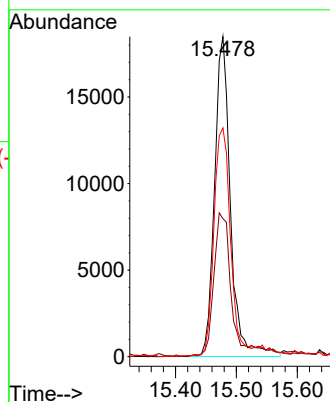
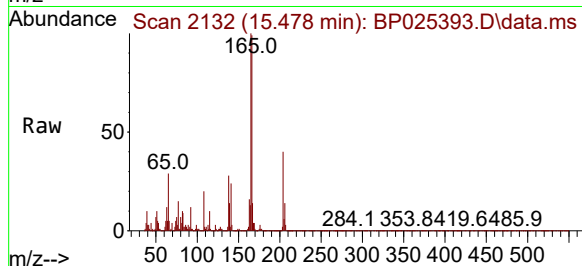
#62
4-Nitroaniline
Concen: 4.791 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:138 Resp: 33460
Ion Ratio Lower Upper
138 100
92 43.2 29.1 69.1
108 71.5 61.5 101.5

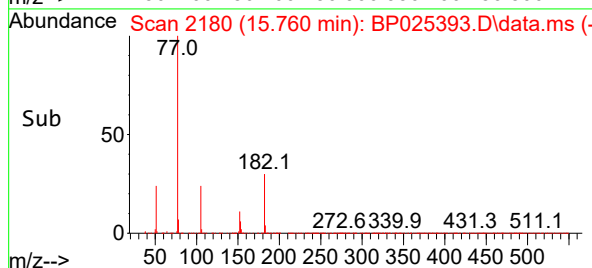
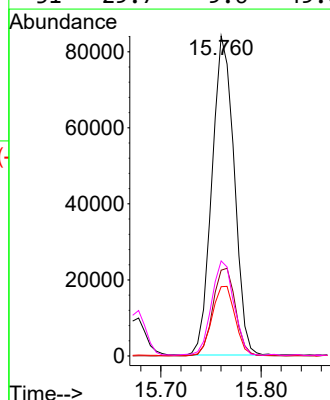
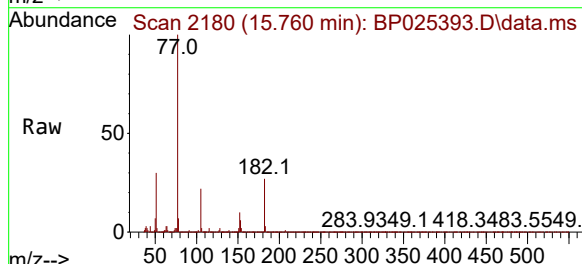
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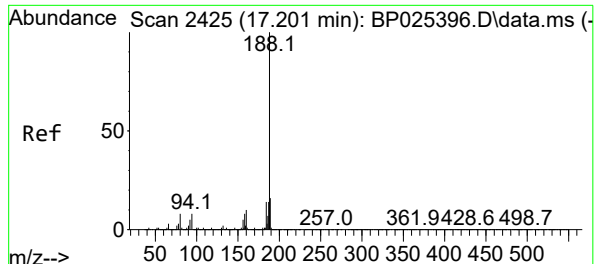
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#63
Azobenzene
Concen: 5.159 ng
RT: 15.760 min Scan# 2180
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

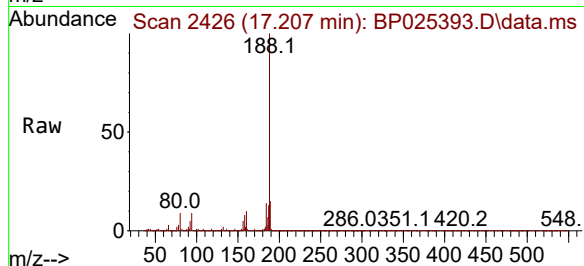
Tgt Ion: 77 Resp: 128978
Ion Ratio Lower Upper
77 100
182 26.8 7.5 47.5
105 21.6 2.1 42.1
51 29.7 9.6 49.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 2425
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

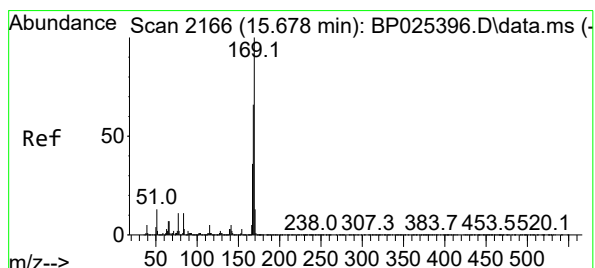
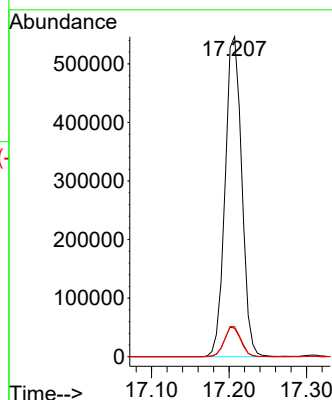
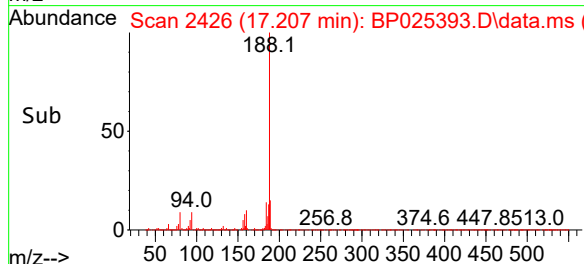
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:188 Resp: 81633
Ion Ratio Lower Upper
188 100
94 8.9 6.6 10.0
80 9.4 6.7 10.1

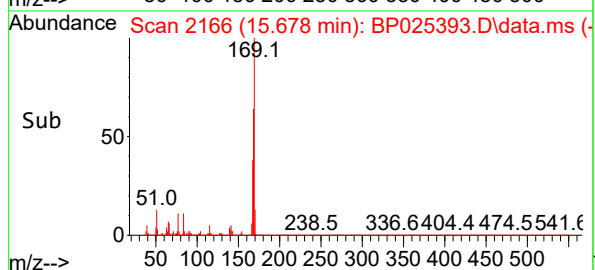
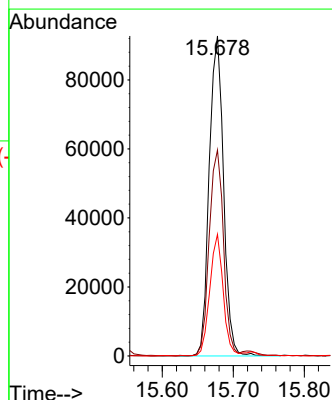
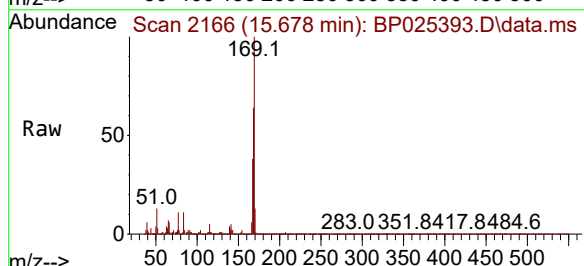
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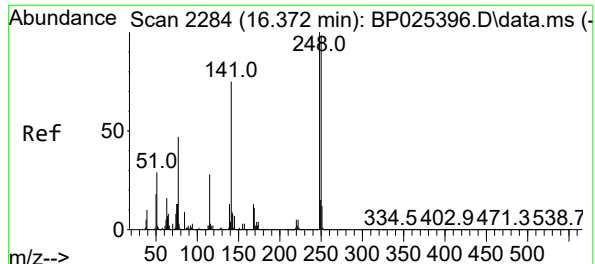
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#66
n-Nitrosodiphenylamine
Concen: 5.214 ng
RT: 15.678 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:169 Resp: 129805
Ion Ratio Lower Upper
169 100
168 64.3 53.2 79.8
167 38.0 28.7 43.1





#67

4-Bromophenyl-phenylether

Concen: 5.299 ng

RT: 16.378 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025393.D

Acq: 14 Aug 2025 13:15

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:248 Resp: 47579

Ion Ratio Lower Upper

248 100

250 95.1 78.2 117.2

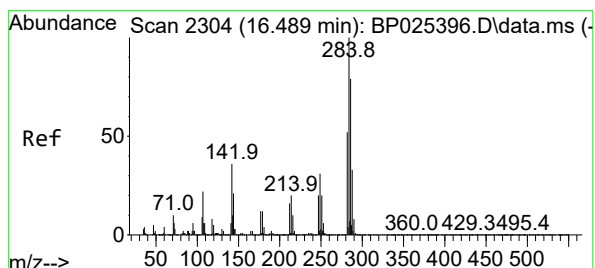
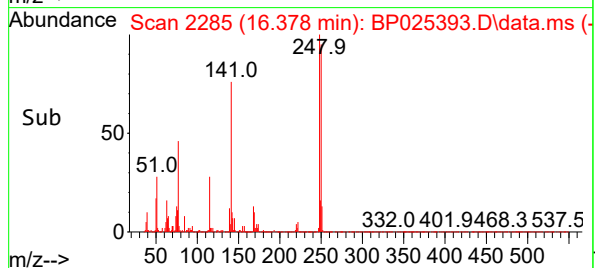
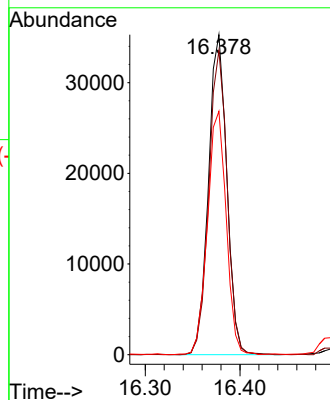
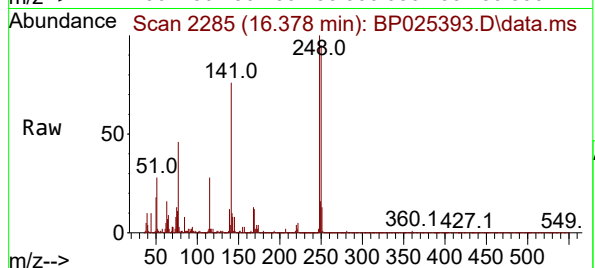
141 76.0 59.6 89.4

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#68

Hexachlorobenzene

Concen: 5.183 ng

RT: 16.501 min Scan# 2306

Delta R.T. 0.012 min

Lab File: BP025393.D

Acq: 14 Aug 2025 13:15

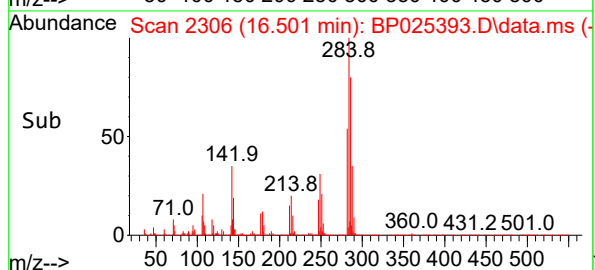
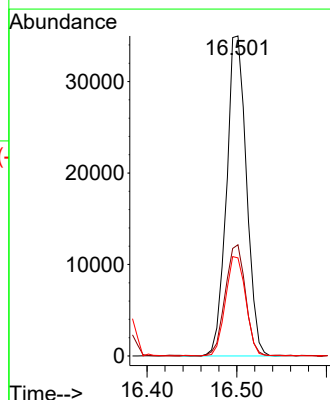
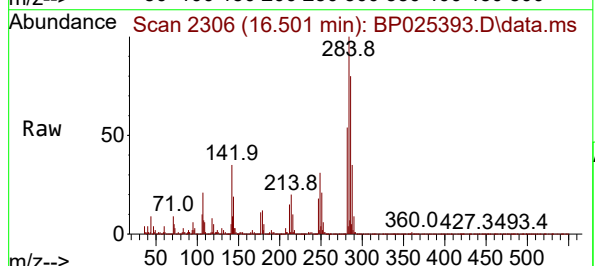
Tgt Ion:284 Resp: 53940

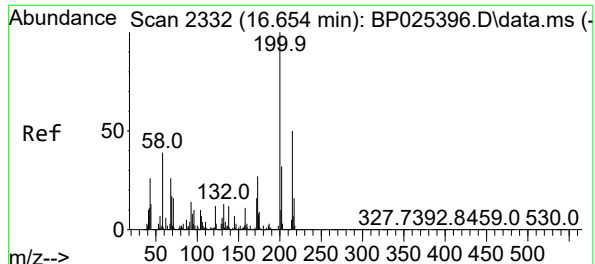
Ion Ratio Lower Upper

284 100

142 34.7 29.1 43.7

249 30.6 25.0 37.4





#69

Atrazine

Concen: 5.015 ng

RT: 16.648 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025393.D

Acq: 14 Aug 2025 13:15

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:200 Resp: 46750

Ion Ratio Lower Upper

200 100

173 27.3 6.7 46.7

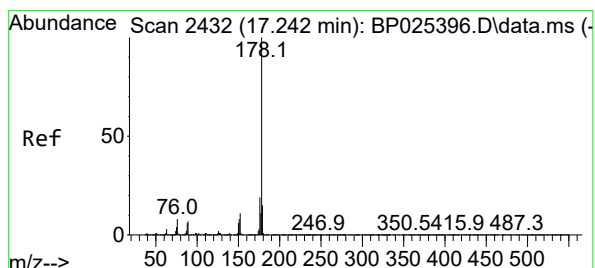
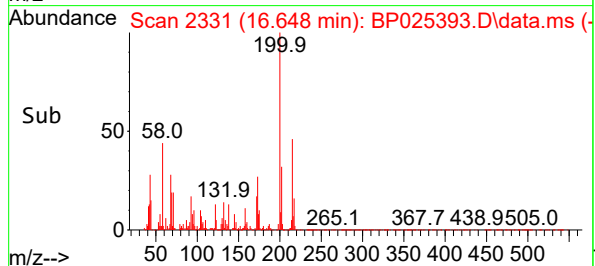
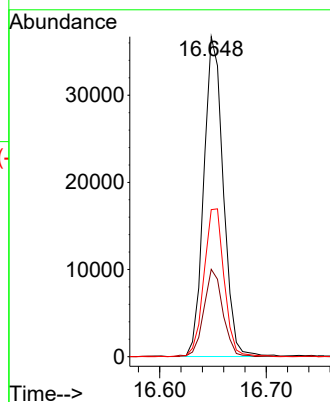
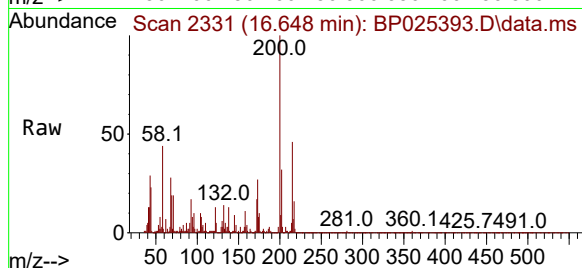
215 45.9 29.7 69.7

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#71

Phenanthrene

Concen: 5.287 ng

RT: 17.248 min Scan# 2433

Delta R.T. 0.006 min

Lab File: BP025393.D

Acq: 14 Aug 2025 13:15

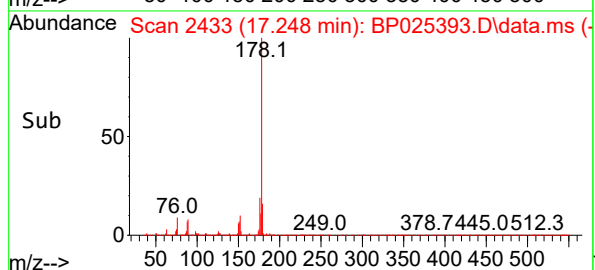
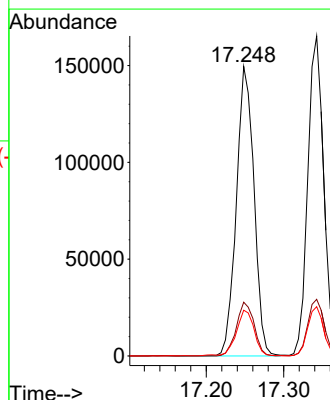
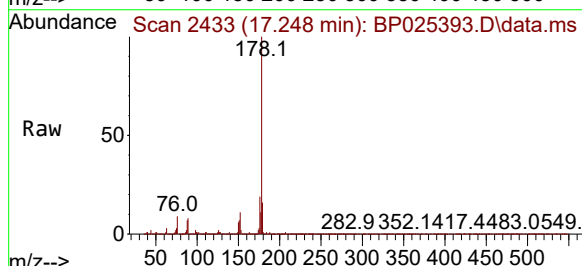
Tgt Ion:178 Resp: 237107

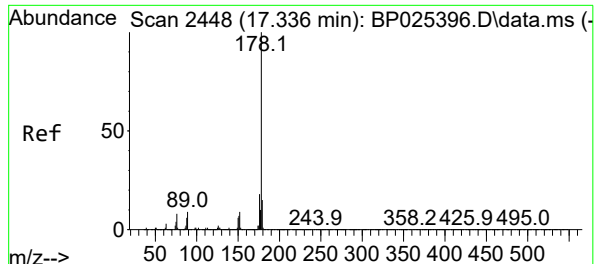
Ion Ratio Lower Upper

178 100

176 18.6 15.5 23.3

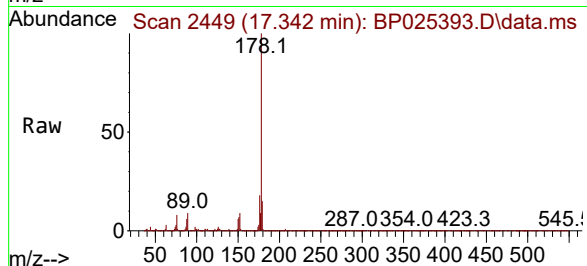
179 15.8 12.2 18.4





#72
Anthracene
Concen: 5.174 ng
RT: 17.342 min Scan# 2448
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

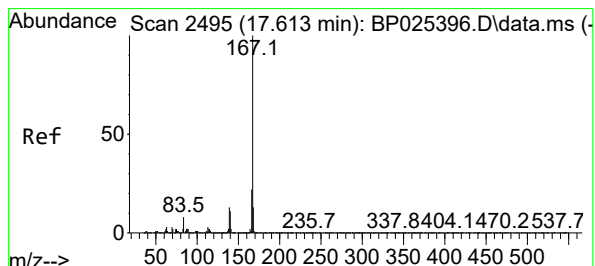
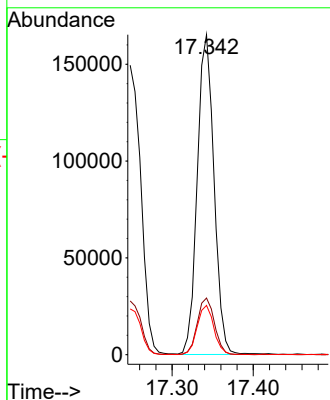
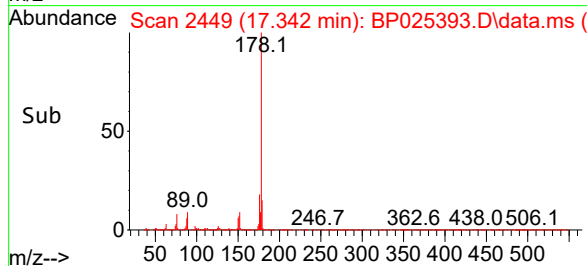
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



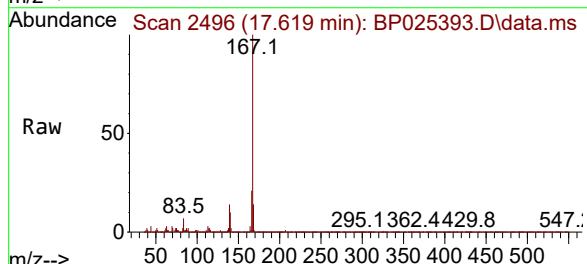
Tgt Ion:178 Resp: 236938
Ion Ratio Lower Upper
178 100
176 17.7 14.7 22.1
179 15.4 12.2 18.2

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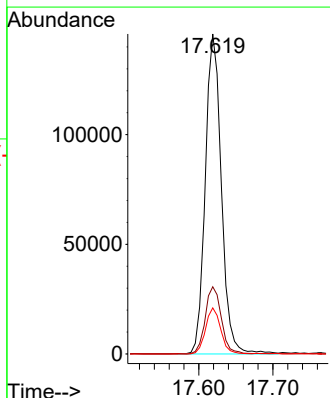
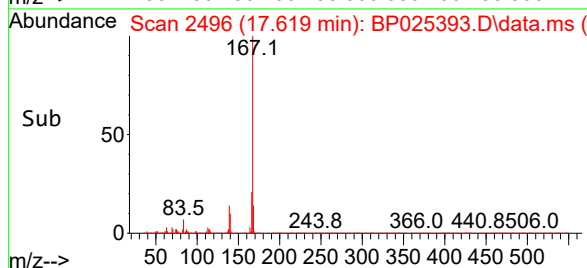
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

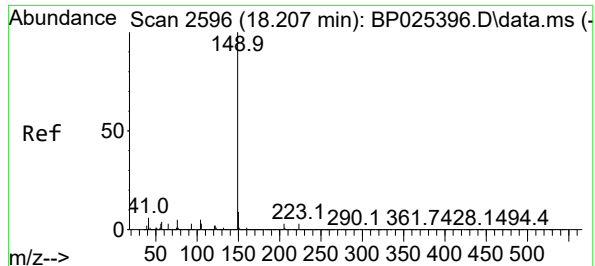


#73
Carbazole
Concen: 5.103 ng
RT: 17.619 min Scan# 2496
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15



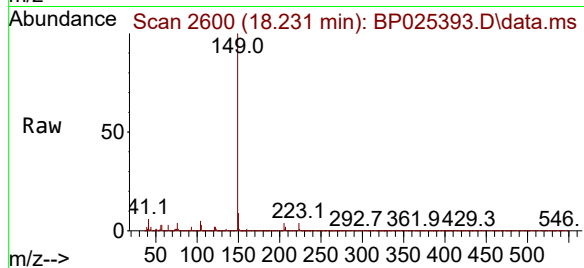
Tgt Ion:167 Resp: 220112
Ion Ratio Lower Upper
167 100
166 21.0 17.5 26.3
139 14.4 10.6 16.0





#74
Di-n-butylphthalate
Concen: 5.172 ng
RT: 18.231 min Scan# 20
Delta R.T. 0.024 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

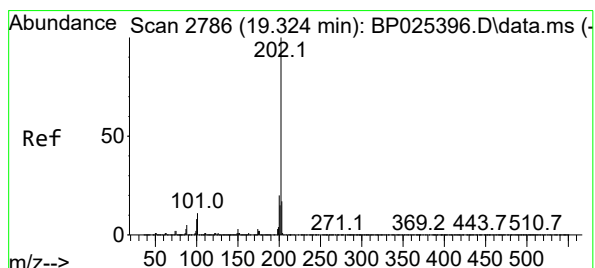
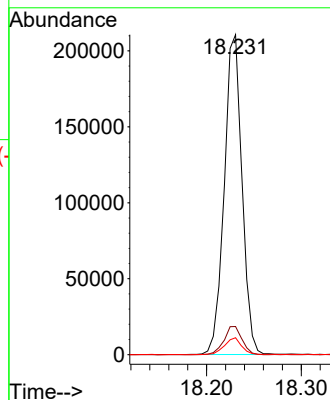
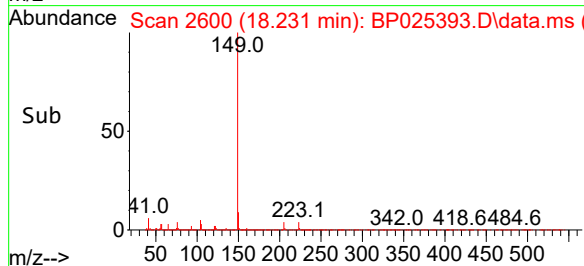
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



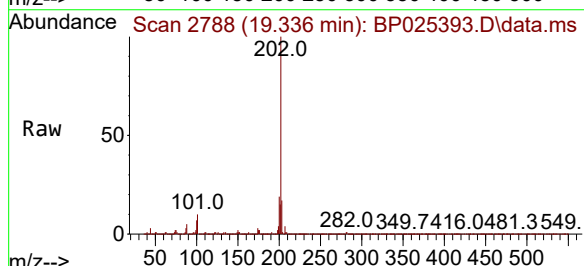
Tgt Ion:149 Resp: 27446
Ion Ratio Lower Upper
149 100
150 8.8 7.4 11.0
104 5.3 4.2 6.2

Manual Integrations
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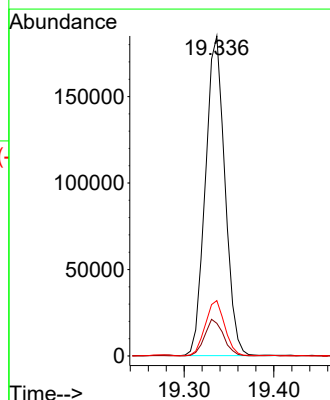
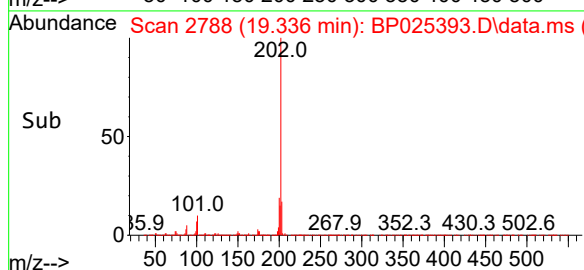
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

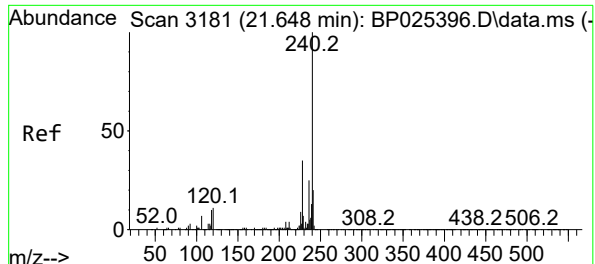


#75
Fluoranthene
Concen: 5.225 ng
RT: 19.336 min Scan# 2788
Delta R.T. 0.012 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15



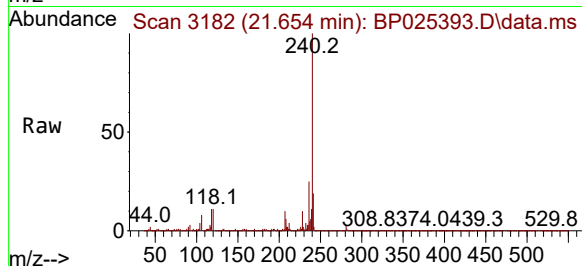
Tgt Ion:202 Resp: 279497
Ion Ratio Lower Upper
202 100
101 10.2 0.0 31.1
203 17.3 0.0 37.3





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.654 min Scan# 3181
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

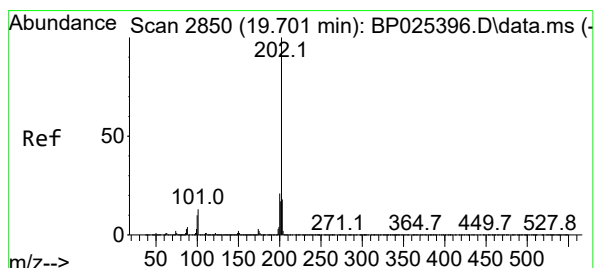
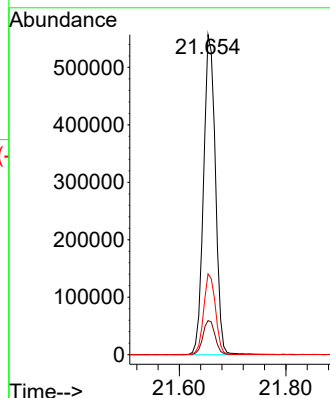
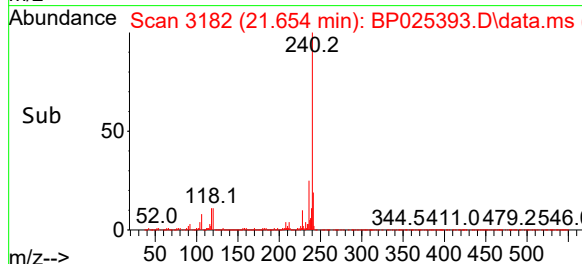
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:240 Resp: 85816
Ion Ratio Lower Upper
240 100
120 10.6 8.9 13.3
236 25.2 19.8 29.8

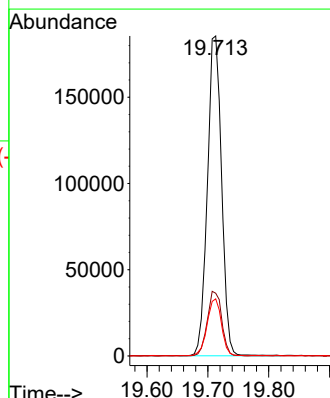
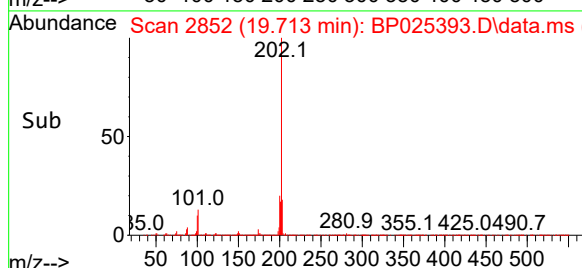
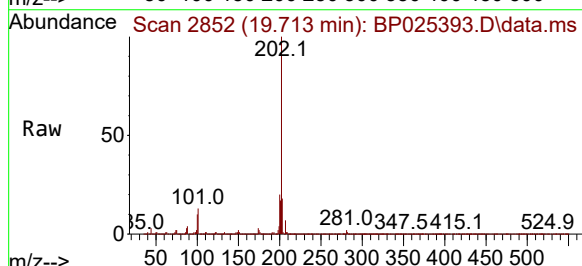
Manual Integrations
APPROVED

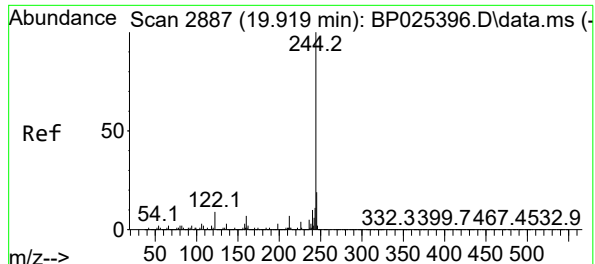
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#78
Pyrene
Concen: 5.377 ng
RT: 19.713 min Scan# 2852
Delta R.T. 0.012 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion:202 Resp: 299922
Ion Ratio Lower Upper
202 100
200 19.6 16.9 25.3
203 17.8 14.2 21.2





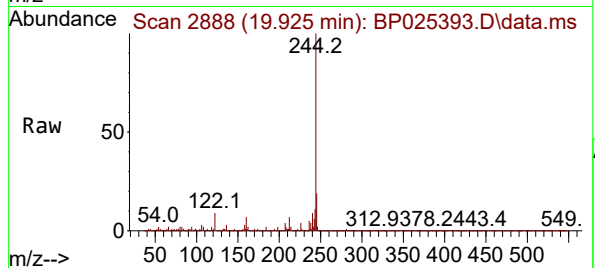
#79
Terphenyl-d14
Concen: 11.428 ng
RT: 19.925 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

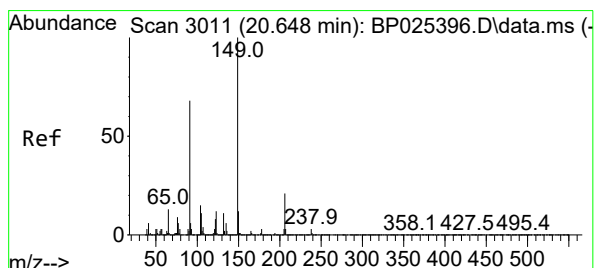
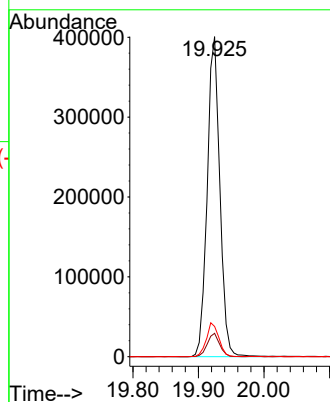
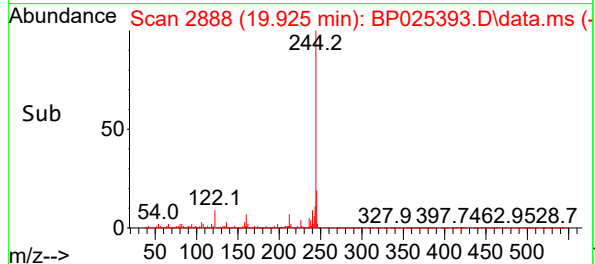


Tgt Ion:244 Resp: 536049
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.6
122 9.5 7.4 11.2

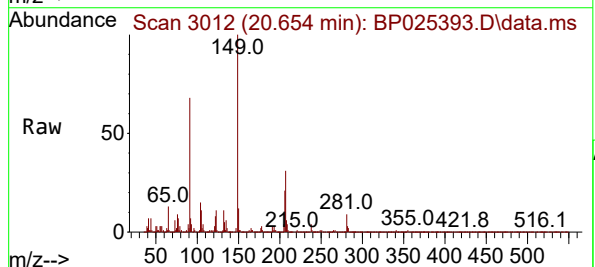
Manual Integrations

APPROVED

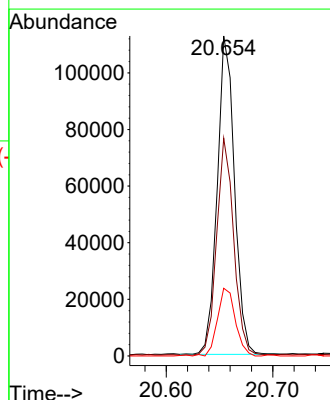
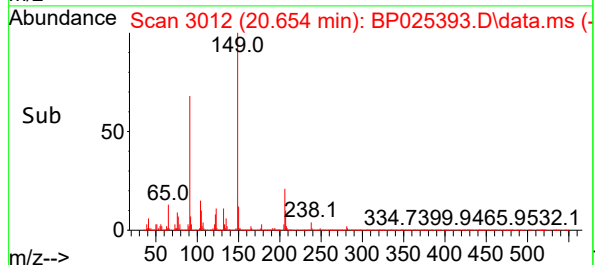
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

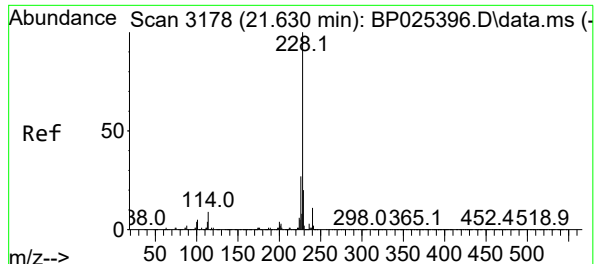


#80
Butylbenzylphthalate
Concen: 4.997 ng
RT: 20.654 min Scan# 3012
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15



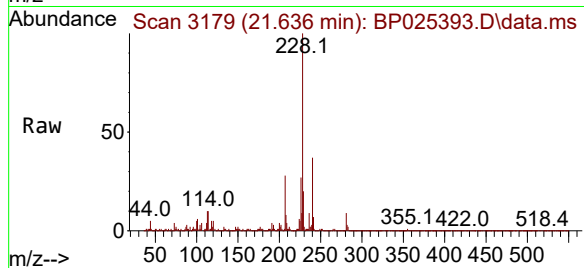
Tgt Ion:149 Resp: 126321
Ion Ratio Lower Upper
149 100
91 68.0 54.2 81.2
206 21.1 16.6 24.8





#81
Benzo(a)anthracene
Concen: 5.245 ng
RT: 21.636 min Scan# 3178
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

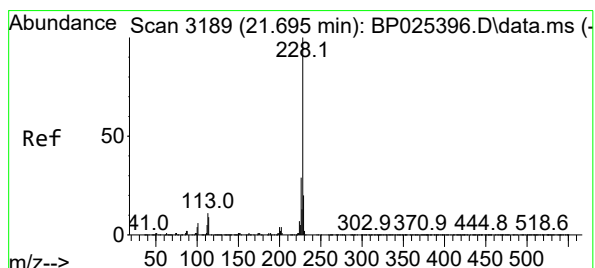
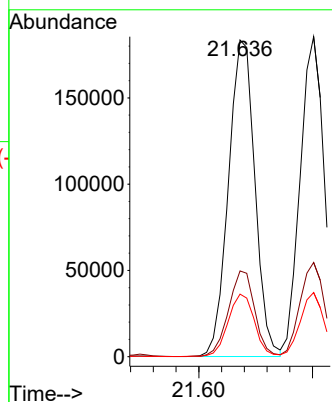
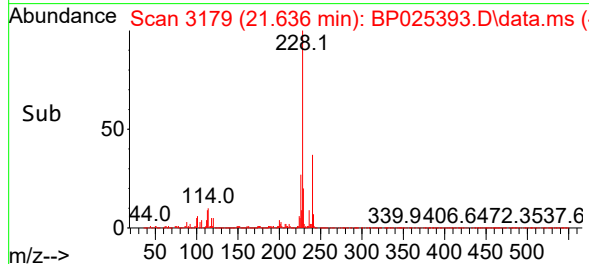
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:228 Resp: 29684
Ion Ratio Lower Upper
228 100
226 27.1 21.7 32.5
229 19.8 15.6 23.4

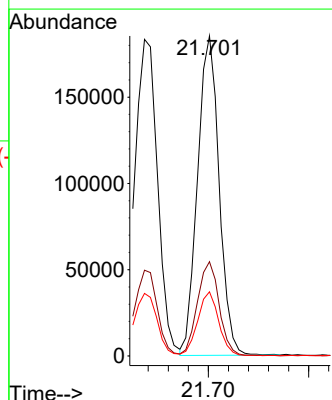
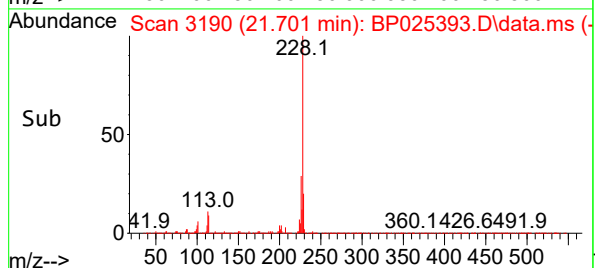
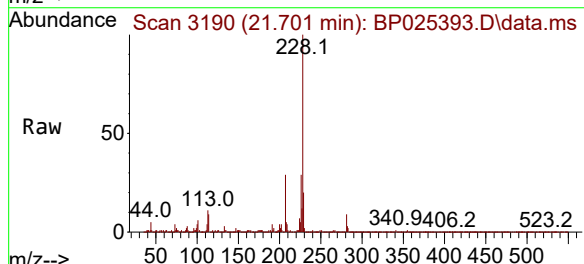
Manual Integrations
APPROVED

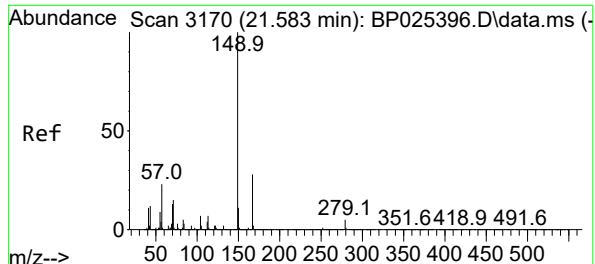
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#83
Chrysene
Concen: 5.229 ng
RT: 21.701 min Scan# 3190
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

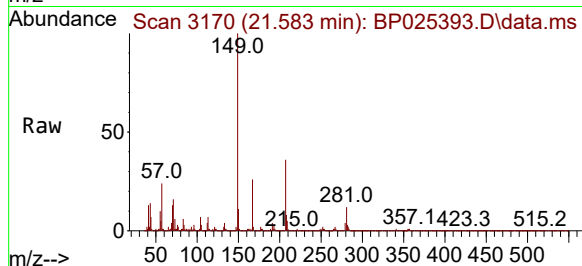
Tgt Ion:228 Resp: 277175
Ion Ratio Lower Upper
228 100
226 29.5 23.2 34.8
229 20.0 15.6 23.4





#84
Bis(2-ethylhexyl)phthalate
Concen: 5.228 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

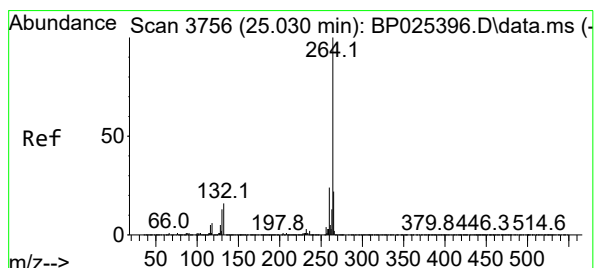
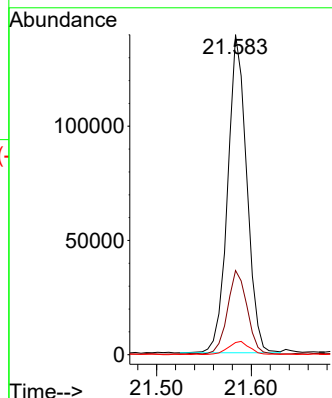
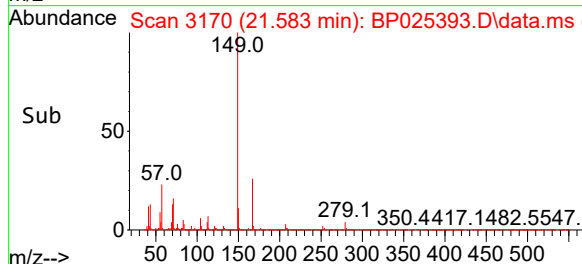
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



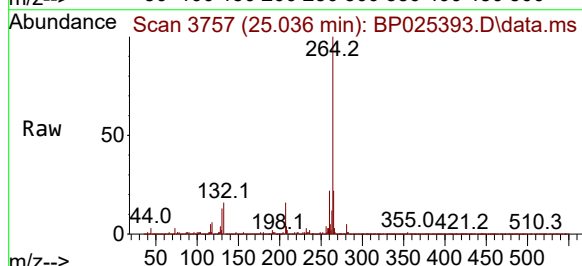
Tgt Ion:149 Resp: 19454
Ion Ratio Lower Upper
149 100
167 26.3 22.1 33.1
279 3.8 3.8 5.6

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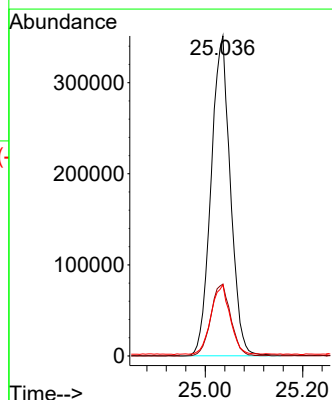
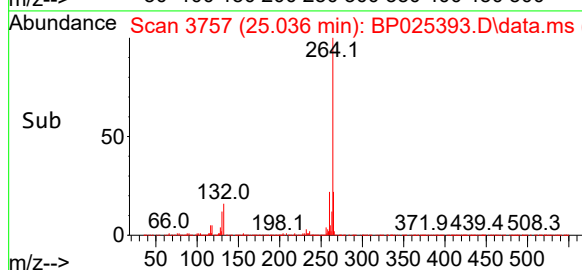
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

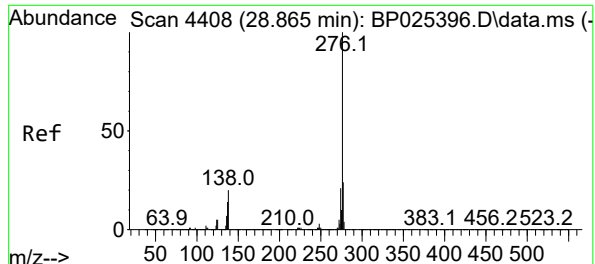


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.036 min Scan# 3757
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15



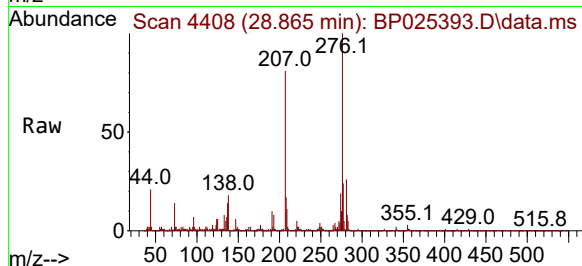
Tgt Ion:264 Resp: 963881
Ion Ratio Lower Upper
264 100
260 22.5 19.3 28.9
265 22.3 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 4.956 ng
RT: 28.865 min Scan# 4408
Delta R.T. 0.000 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

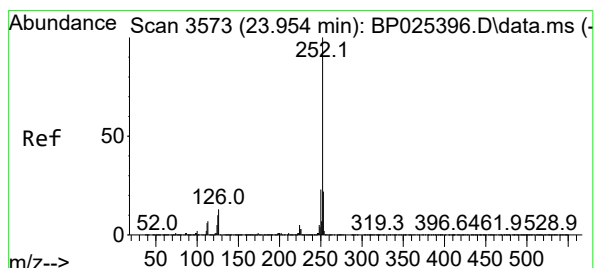
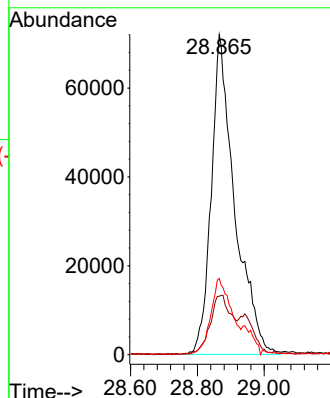
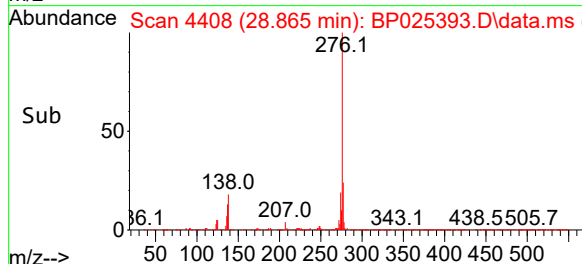
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion: 276 Resp: 350414
Ion Ratio Lower Upper
276 100
138 17.1 12.9 19.3
277 20.8 17.0 25.6

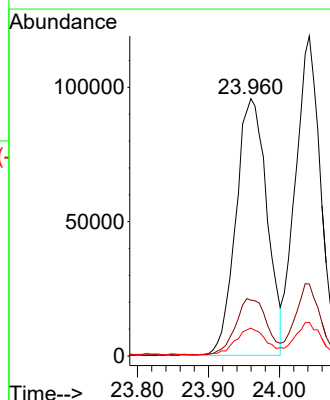
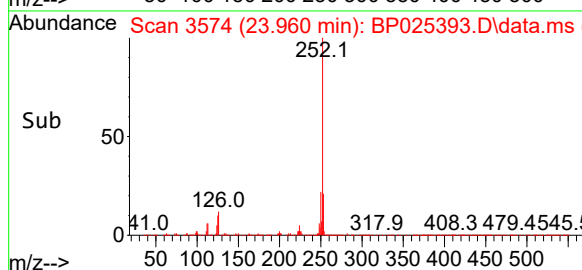
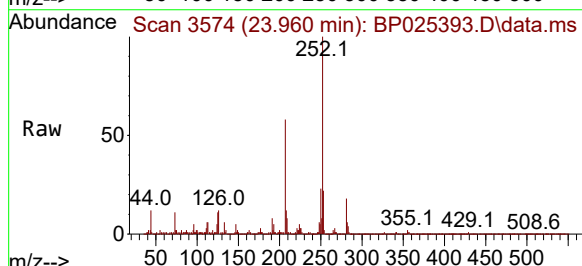
Manual Integrations
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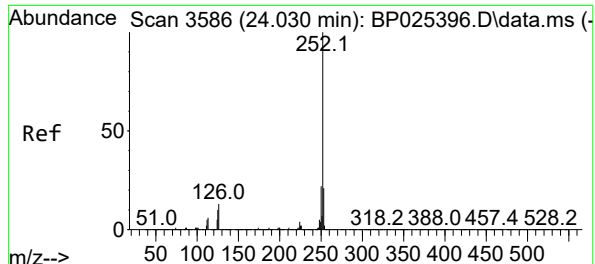
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#88
Benzo(b)fluoranthene
Concen: 5.099 ng
RT: 23.960 min Scan# 3574
Delta R.T. 0.006 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

Tgt Ion: 252 Resp: 289797
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 10.8 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 5.091 ng

RT: 24.042 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP025393.D

Acq: 14 Aug 2025 13:15

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

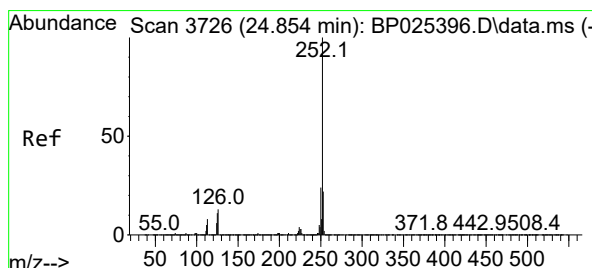
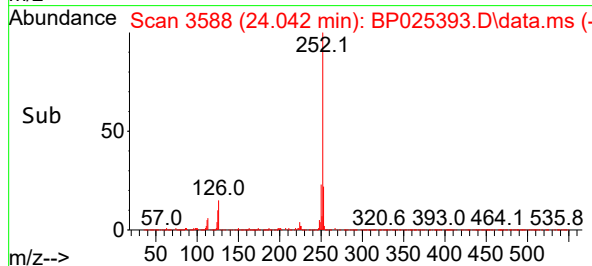
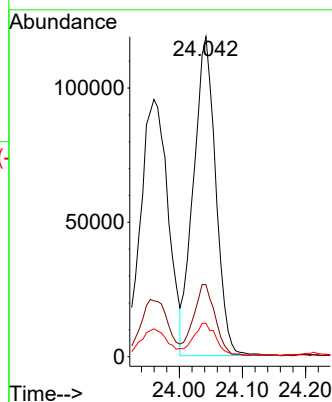
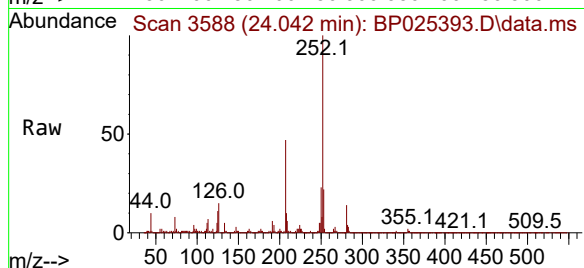
Tgt Ion:	252	Resp:	289550
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.1	25.7
125	10.5	7.8	11.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#90

Benzo(a)pyrene

Concen: 4.960 ng

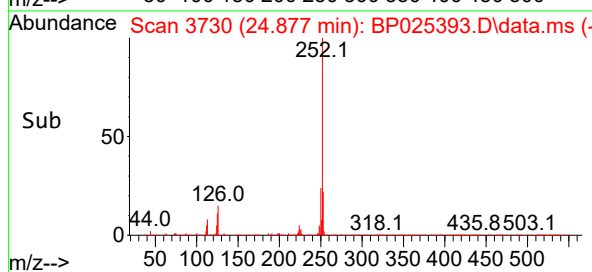
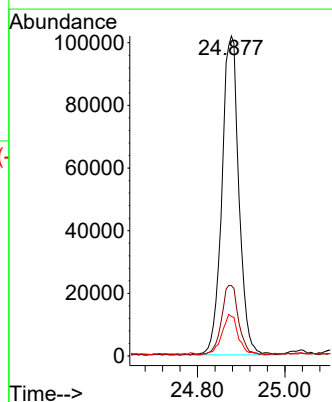
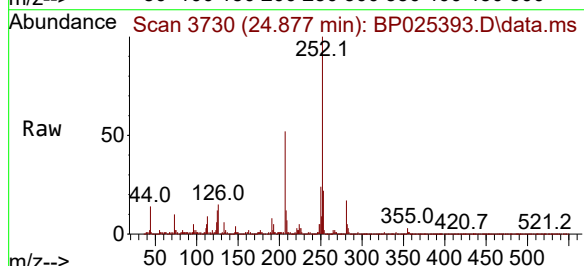
RT: 24.877 min Scan# 3730

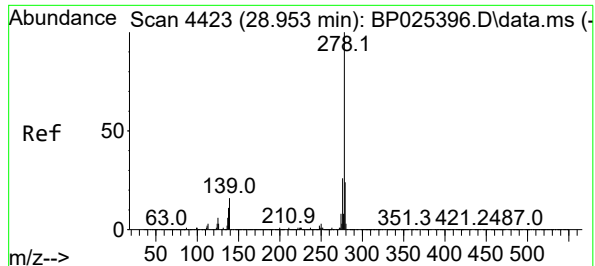
Delta R.T. 0.024 min

Lab File: BP025393.D

Acq: 14 Aug 2025 13:15

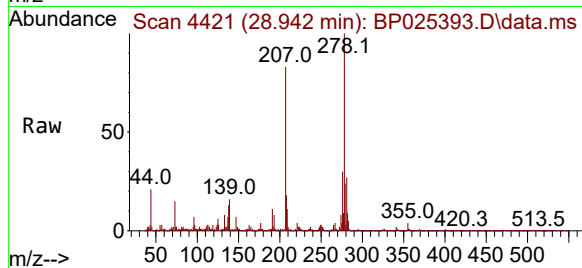
Tgt Ion:	252	Resp:	274440
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.5	26.3
125	12.4	8.7	13.1





#91
Dibenzo(a,h)anthracene
Concen: 4.924 ng
RT: 28.942 min Scan# 4423
Delta R.T. -0.012 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15

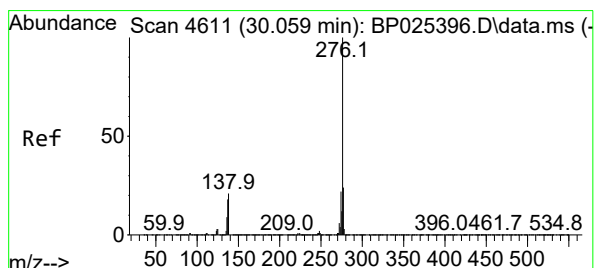
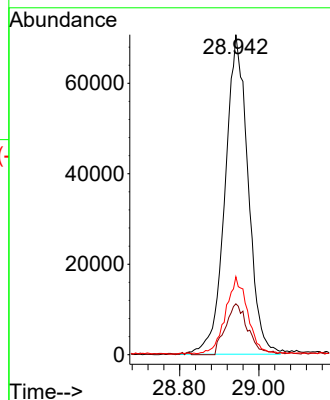
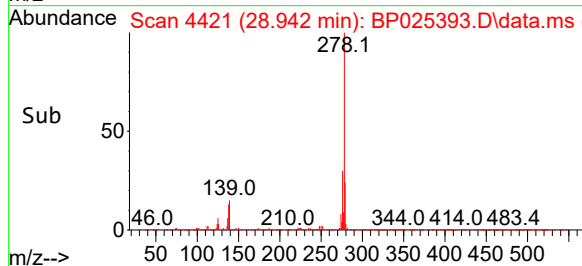
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



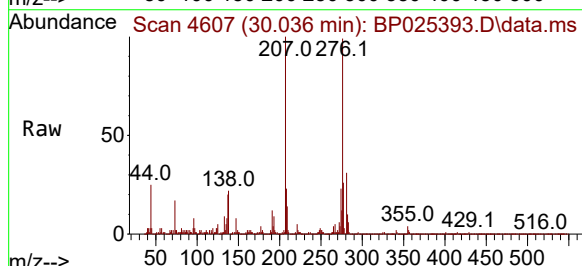
Tgt Ion: 278 Resp: 284440
Ion Ratio Lower Upper
278 100
139 15.9 13.0 19.4
279 24.3 19.4 29.2

Manual Integrations
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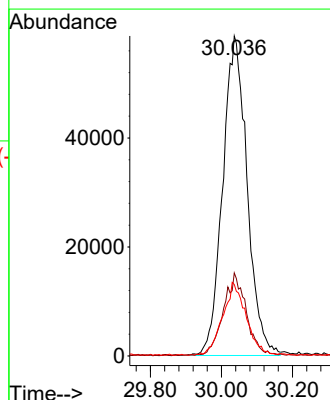
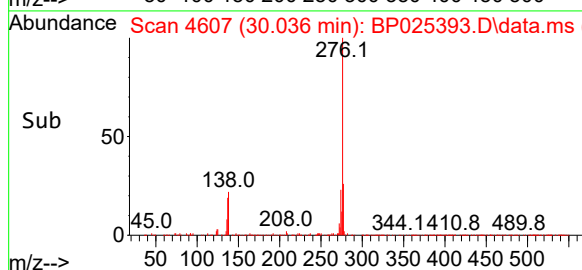
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#92
Benzo(g,h,i)perylene
Concen: 4.931 ng
RT: 30.036 min Scan# 4607
Delta R.T. -0.023 min
Lab File: BP025393.D
Acq: 14 Aug 2025 13:15



Tgt Ion: 276 Resp: 279987
Ion Ratio Lower Upper
276 100
277 26.0 19.4 29.0
138 22.4 16.7 25.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025394.D
 Acq On : 14 Aug 2025 13:56
 Operator : CG/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC010

Manual Integrations
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Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 17:53:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 17:44:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	137852	20.000	ng	0.00
21) Naphthalene-d8	10.566	136	563995	20.000	ng	0.00
39) Acenaphthene-d10	14.407	164	383199	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	780940	20.000	ng	0.00
76) Chrysene-d12	21.648	240	860386	20.000	ng	0.00
86) Perylene-d12	25.036	264	980670	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	162289	19.551	ng	0.00
7) Phenol-d6	6.966	99	202204	19.000	ng	0.00
23) Nitrobenzene-d5	8.931	82	212236	19.036	ng	0.00
42) 2,4,6-Tribromophenol	15.919	330	99083	19.210	ng	0.00
45) 2-Fluorobiphenyl	13.019	172	568359	20.271	ng	0.00
79) Terphenyl-d14	19.924	244	946422	20.125	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.331	88	31948	9.826	ng	98
3) Pyridine	3.731	79	86156	9.681	ng	100
4) n-Nitrosodimethylamine	3.637	42	35519	9.681	ng	# 99
6) Aniline	7.125	93	135217	9.430	ng	99
8) 2-Chlorophenol	7.366	128	88413	9.439	ng	98
9) Benzaldehyde	6.943	77	68064m	9.129	ng	
10) Phenol	6.996	94	105394	9.438	ng	99
11) bis(2-Chloroethyl)ether	7.219	93	81541	9.368	ng	98
12) 1,3-Dichlorobenzene	7.684	146	98782	9.564	ng	98
13) 1,4-Dichlorobenzene	7.825	146	102729	9.731	ng	98
14) 1,2-Dichlorobenzene	8.143	146	98589	9.647	ng	98
15) Benzyl Alcohol	8.025	79	78411	9.273	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.313	45	109744	9.412	ng	99
17) 2-Methylphenol	8.231	107	70991	9.153	ng	98
18) Hexachloroethane	8.866	117	37473	9.654	ng	98
19) n-Nitroso-di-n-propyla...	8.584	70	66105	9.366	ng	99
20) 3+4-Methylphenols	8.549	107	99382	9.244	ng	97
22) Acetophenone	8.602	105	137361	9.712	ng	# 98
24) Nitrobenzene	8.972	77	96502	9.685	ng	97
25) Isophorone	9.502	82	189510	9.604	ng	99
26) 2-Nitrophenol	9.678	139	45860	8.968	ng	96
27) 2,4-Dimethylphenol	9.737	122	85465	9.718	ng	98
28) bis(2-Chloroethoxy)met...	9.972	93	114635	9.611	ng	99
29) 2,4-Dichlorophenol	10.213	162	82676	9.464	ng	97
30) 1,2,4-Trichlorobenzene	10.431	180	92664	9.676	ng	94
31) Naphthalene	10.613	128	287754	9.816	ng	99
32) Benzoic acid	9.825	122	53034m	8.188	ng	
33) 4-Chloroaniline	10.713	127	122647	9.472	ng	98
34) Hexachlorobutadiene	10.901	225	57821	9.695	ng	97
35) Caprolactam	11.472	113	32038	10.001	ng	93
36) 4-Chloro-3-methylphenol	11.837	107	94538	9.431	ng	97
37) 2-Methylnaphthalene	12.219	142	184172	9.654	ng	100
38) 1-Methylnaphthalene	12.437	142	199160	9.817	ng	97
40) 1,2,4,5-Tetrachloroben...	12.590	216	107104	9.678	ng	99
41) Hexachlorocyclopentadiene	12.572	237	52588	7.867	ng	97
43) 2,4,6-Trichlorophenol	12.831	196	69780	9.339	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025394.D
 Acq On : 14 Aug 2025 13:56
 Operator : CG/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 17:53:41 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Aug 14 17:44:43 2025

Response via : Initial Calibration

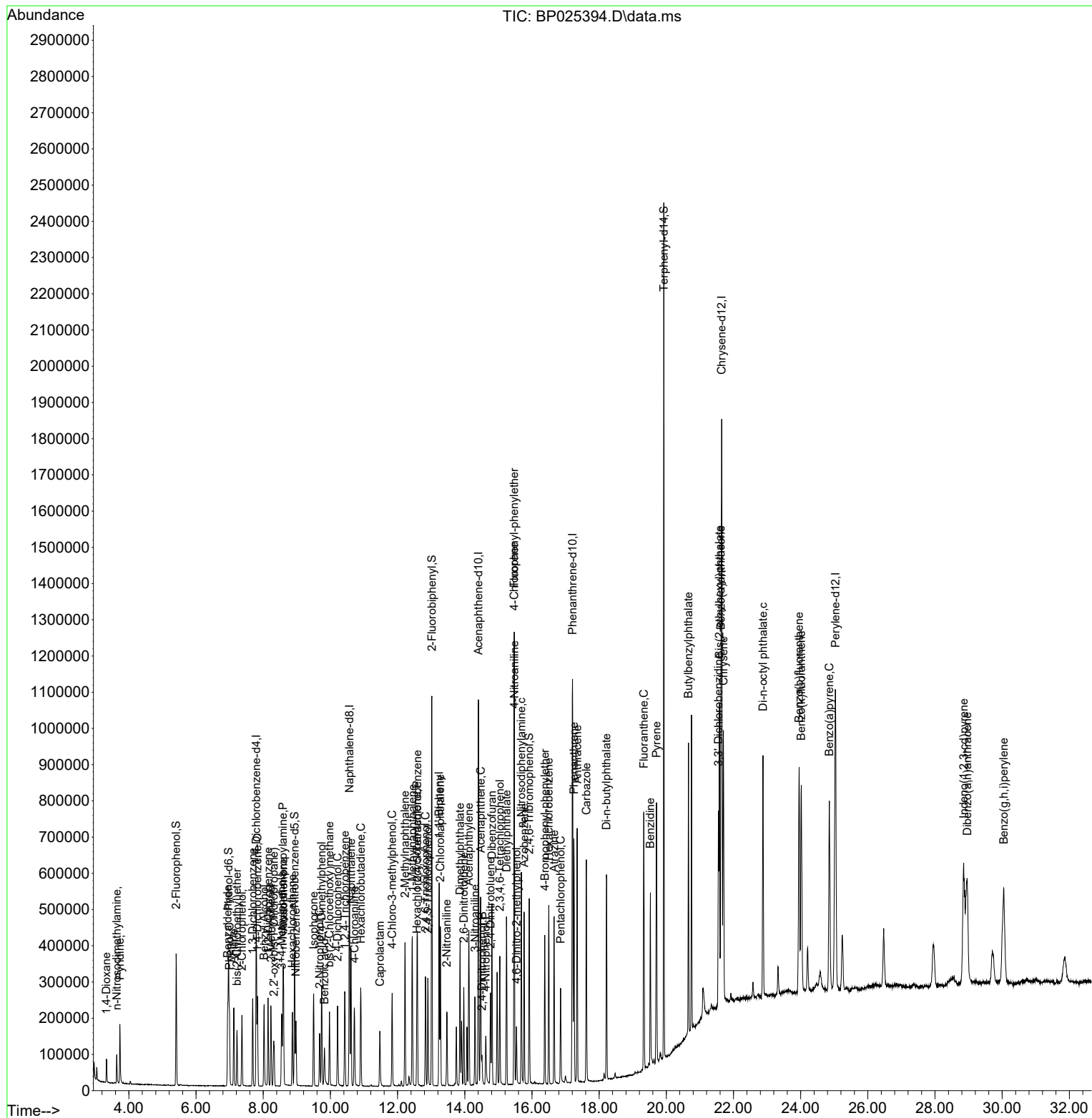
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	73744	9.006	ng	98
46) 1,1'-Biphenyl	13.237	154	271710	9.763	ng	98
47) 2-Chloronaphthalene	13.272	162	209419	9.666	ng	99
48) 2-Nitroaniline	13.466	65	58630	9.287	ng	97
49) Acenaphthylene	14.119	152	346021	9.652	ng	99
50) Dimethylphthalate	13.860	163	277701	9.896	ng	99
51) 2,6-Dinitrotoluene	13.972	165	54957	9.292	ng	96
52) Acenaphthene	14.472	154	207239m	9.848	ng	
53) 3-Nitroaniline	14.301	138	62991	9.466	ng	93
54) 2,4-Dinitrophenol	14.513	184	21748	6.886	ng	99
55) Dibenzofuran	14.807	168	327734	9.851	ng	100
56) 4-Nitrophenol	14.625	139	48103	8.797	ng	97
57) 2,4-Dinitrotoluene	14.766	165	77950	9.237	ng	100
58) Fluorene	15.472	166	266610	10.156	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.042	232	68931	9.533	ng	99
60) Diethylphthalate	15.242	149	282526	9.909	ng	98
61) 4-Chlorophenyl-phenyle...	15.466	204	131137	10.044	ng	99
62) 4-Nitroaniline	15.478	138	64375	9.437	ng	99
63) Azobenzene	15.766	77	234879	9.620	ng	98
65) 4,6-Dinitro-2-methylph...	15.542	198	37380	7.679	ng	97
66) n-Nitrosodiphenylamine	15.684	169	235344	9.883	ng	100
67) 4-Bromophenyl-phenylether	16.384	248	80373	9.358	ng	98
68) Hexachlorobenzene	16.501	284	98614	9.905	ng	96
69) Atrazine	16.660	200	88240	9.894	ng	98
70) Pentachlorophenol	16.854	266	52539	8.360	ng	97
71) Phenanthrene	17.248	178	429752	10.018	ng	99
72) Anthracene	17.348	178	438953	10.020	ng	100
73) Carbazole	17.619	167	410726	9.954	ng	99
74) Di-n-butylphthalate	18.219	149	490232	9.656	ng	99
75) Fluoranthene	19.330	202	516523	10.094	ng	99
77) Benzidine	19.525	184	276193	9.406	ng	99
78) Pyrene	19.707	202	542670	9.704	ng	100
80) Butylbenzylphthalate	20.660	149	239416	9.446	ng	98
81) Benzo(a)anthracene	21.624	228	560279	9.874	ng	99
82) 3,3'-Dichlorobenzidine	21.554	252	207153	9.686	ng	99
83) Chrysene	21.701	228	522411	9.831	ng	99
84) Bis(2-ethylhexyl)phtha...	21.583	149	355530	9.529	ng	99
85) Di-n-octyl phthalate	22.877	149	594195	9.259	ng	99
87) Indeno(1,2,3-cd)pyrene	28.853	276	678980m	9.438	ng	
88) Benzo(b)fluoranthene	23.954	252	552191	9.549	ng	99
89) Benzo(k)fluoranthene	24.018	252	567080	9.800	ng	98
90) Benzo(a)pyrene	24.854	252	535820	9.519	ng	99
91) Dibenzo(a,h)anthracene	28.959	278	551694	9.387	ng	99
92) Benzo(g,h,i)perylene	30.047	276	548117	9.489	ng	99

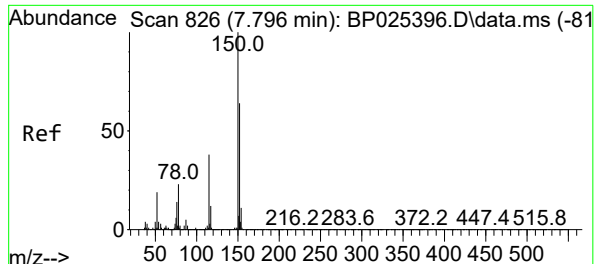
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025





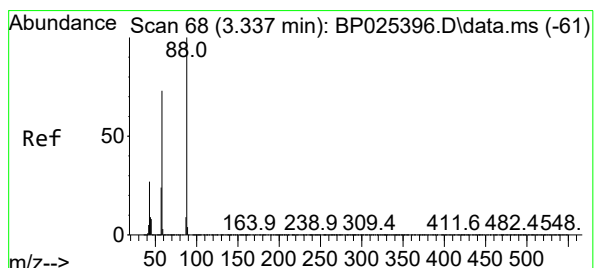
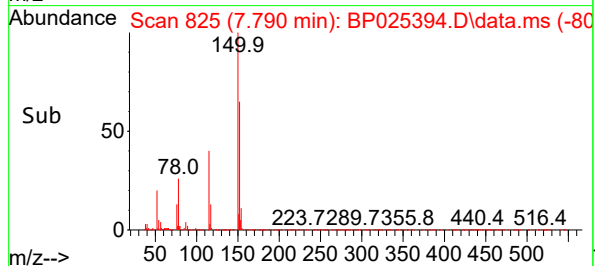
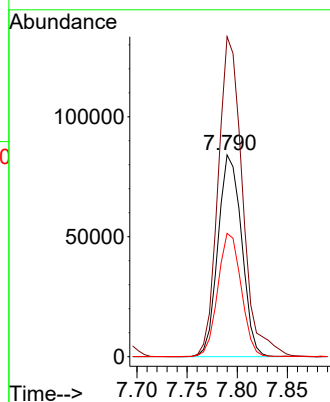
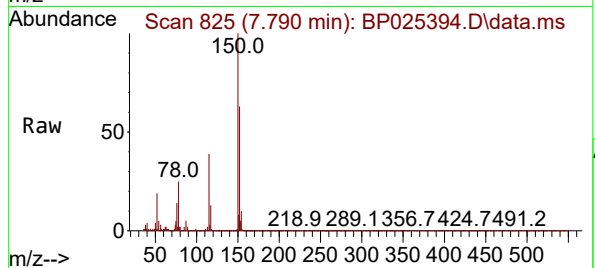
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 137852
Ion Ratio Lower Upper
152 100
150 158.6 125.9 188.9
115 61.1 48.5 72.7

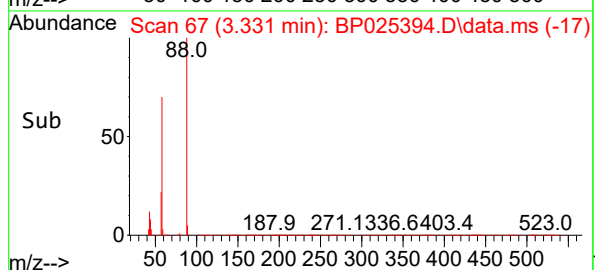
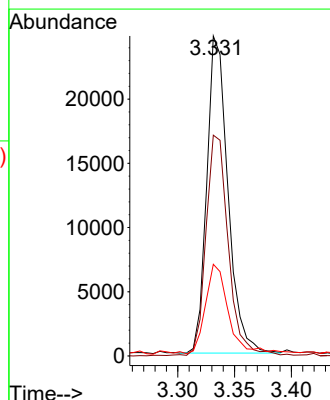
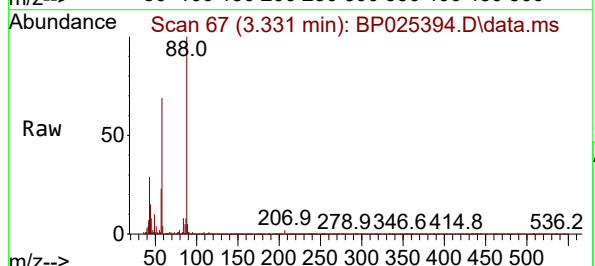
Manual Integrations
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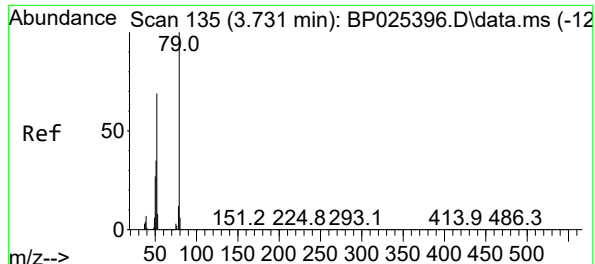
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#2
1,4-Dioxane
Concen: 9.826 ng
RT: 3.331 min Scan# 67
Delta R.T. -0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

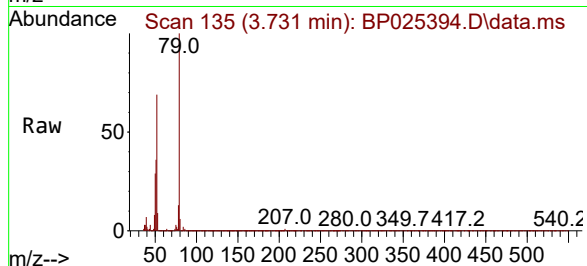
Tgt Ion: 88 Resp: 31948
Ion Ratio Lower Upper
88 100
58 74.0 59.2 88.8
43 30.8 21.7 32.5





#3
Pyridine
Concen: 9.681 ng
RT: 3.731 min Scan# 113
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

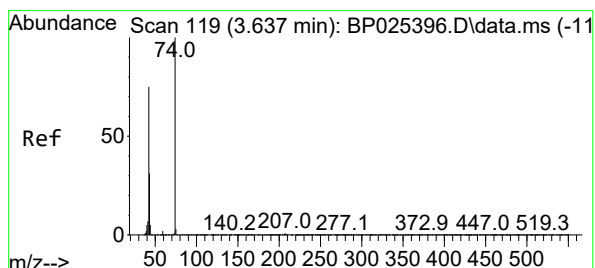
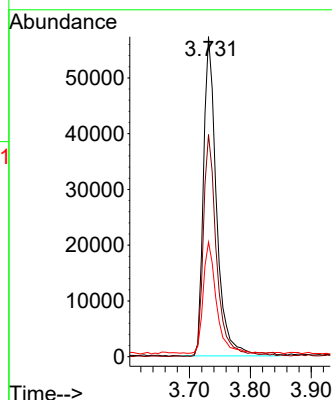
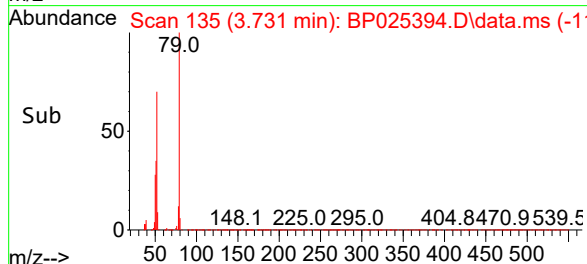
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 79 Resp: 86150
Ion Ratio Lower Upper
79 100
52 69.4 55.5 83.3
51 35.8 28.3 42.5

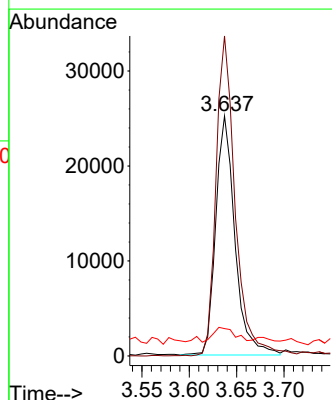
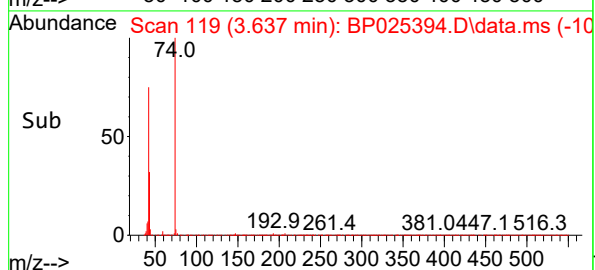
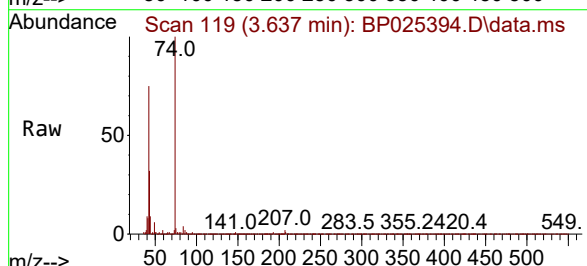
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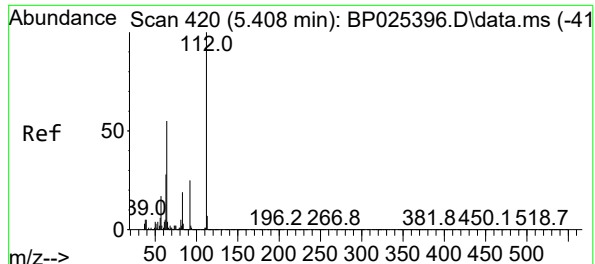
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#4
n-Nitrosodimethylamine
Concen: 9.681 ng
RT: 3.637 min Scan# 119
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 42 Resp: 35519
Ion Ratio Lower Upper
42 100
74 133.3 107.0 160.4
44 11.4 6.2 9.4





#5

2-Fluorophenol

Concen: 19.551 ng

RT: 5.408 min Scan# 41

Delta R.T. 0.000 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:112 Resp: 162289

Ion Ratio Lower Upper

112 100

64 54.3 43.8 65.8

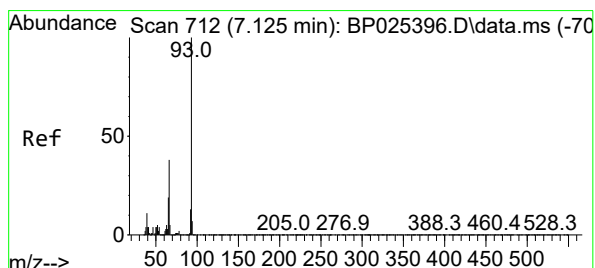
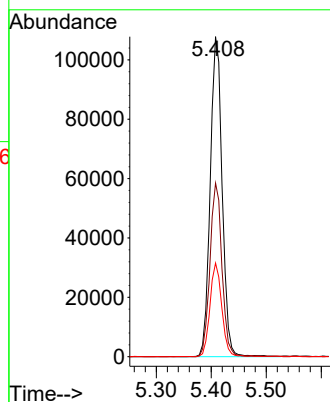
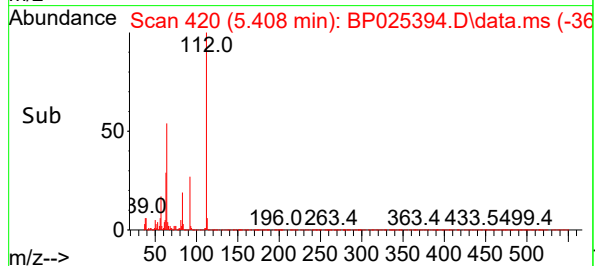
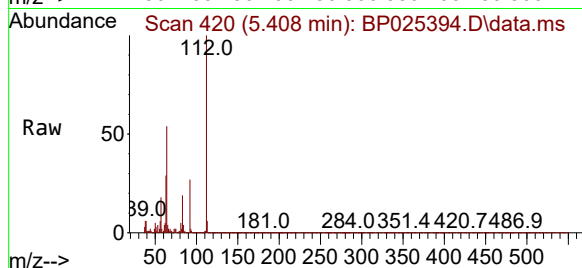
63 29.3 22.7 34.1

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#6

Aniline

Concen: 9.430 ng

RT: 7.125 min Scan# 712

Delta R.T. 0.000 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

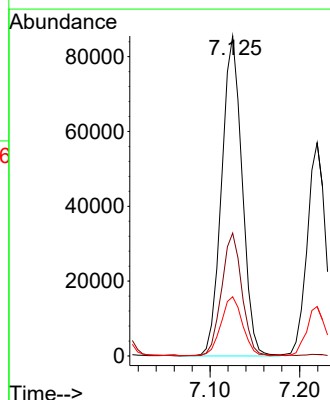
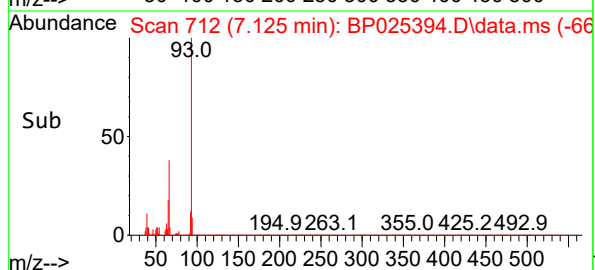
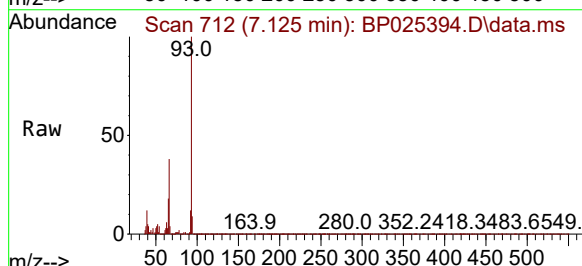
Tgt Ion: 93 Resp: 135217

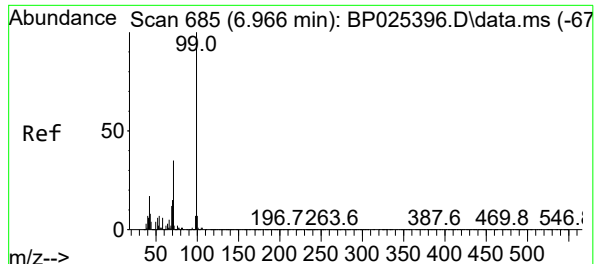
Ion Ratio Lower Upper

93 100

66 38.4 30.4 45.6

65 18.5 15.3 22.9





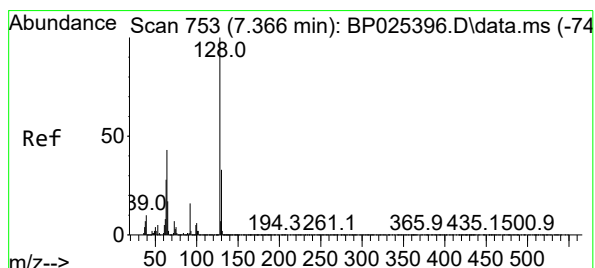
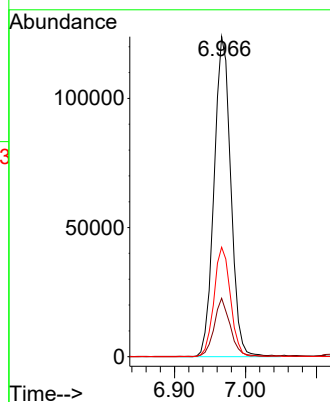
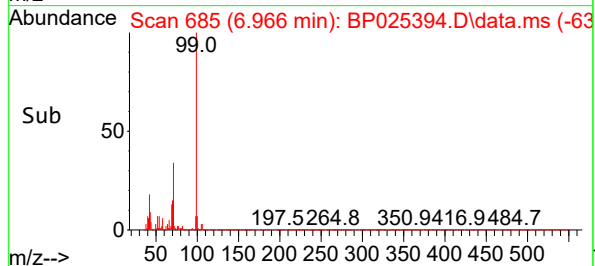
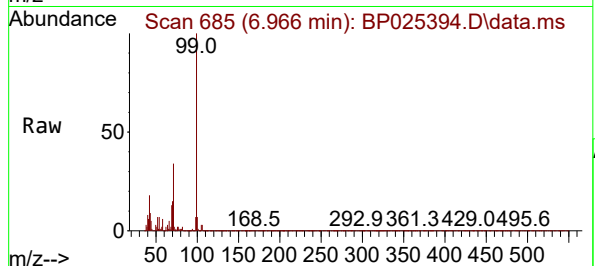
#7
Phenol-d6
Concen: 19.000 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 99 Resp: 202204
Ion Ratio Lower Upper
99 100
42 18.3 13.7 20.5
71 34.2 28.2 42.4

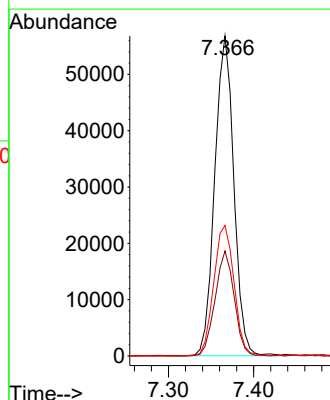
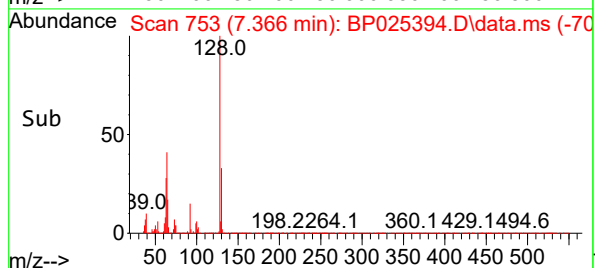
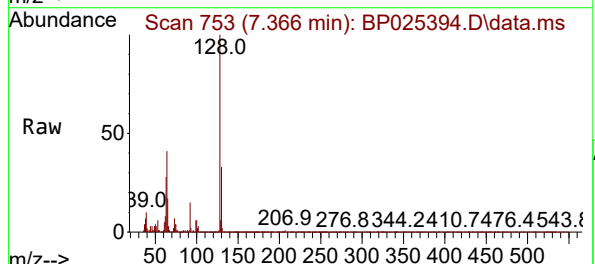
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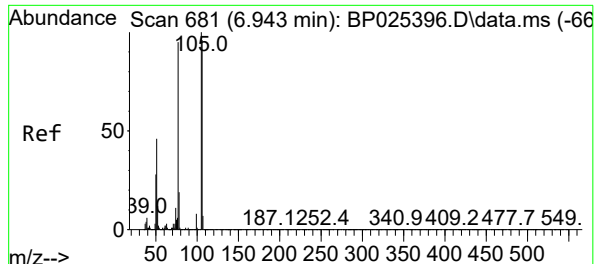
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#8
2-Chlorophenol
Concen: 9.439 ng
RT: 7.366 min Scan# 753
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

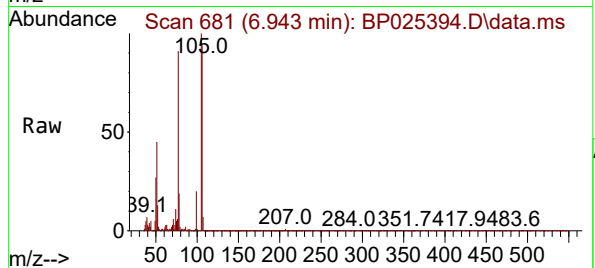
Tgt Ion:128 Resp: 88413
Ion Ratio Lower Upper
128 100
130 32.8 12.6 52.6
64 40.8 23.4 63.4





#9
Benzaldehyde
Concen: 9.129 ng m
RT: 6.943 min Scan# 681
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

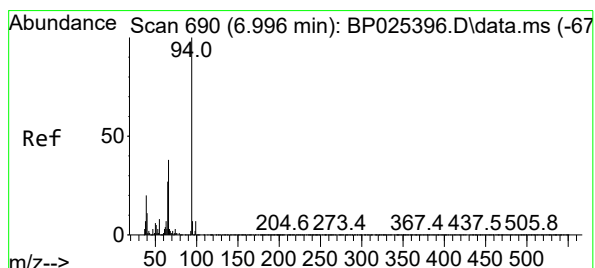
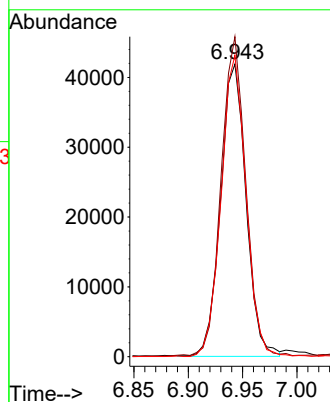
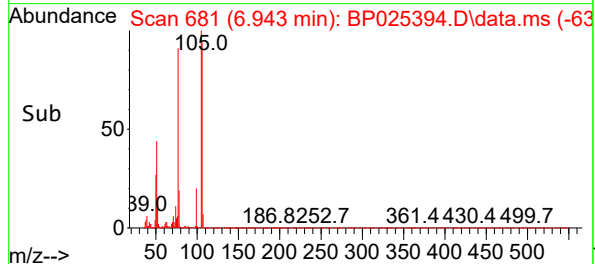
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 77 Resp: 68064
Ion Ratio Lower Upper
77 100
105 109.4 84.8 124.8
106 103.0 80.5 120.5

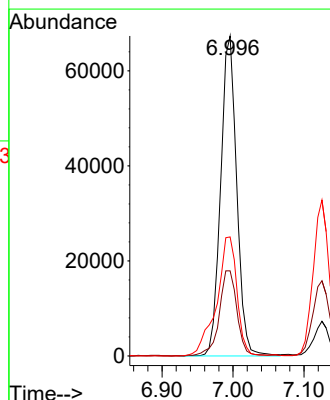
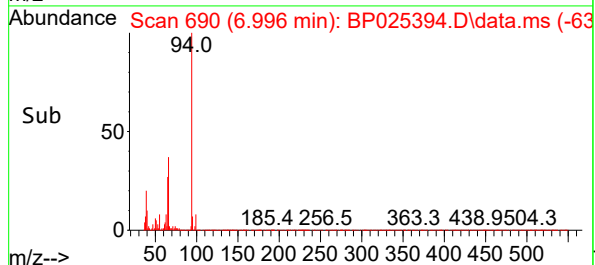
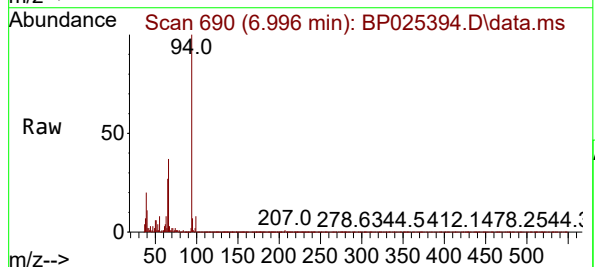
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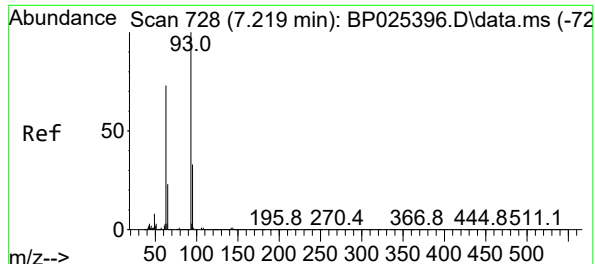
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#10
Phenol
Concen: 9.438 ng
RT: 6.996 min Scan# 690
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 94 Resp: 105394
Ion Ratio Lower Upper
94 100
65 26.6 6.8 46.8
66 37.2 18.2 58.2





#11

bis(2-Chloroethyl)ether

Concen: 9.368 ng

RT: 7.219 min Scan# 728

Delta R.T. 0.000 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion: 93 Resp: 8154

Ion Ratio Lower Upper

93 100

63 73.7 52.6 92.6

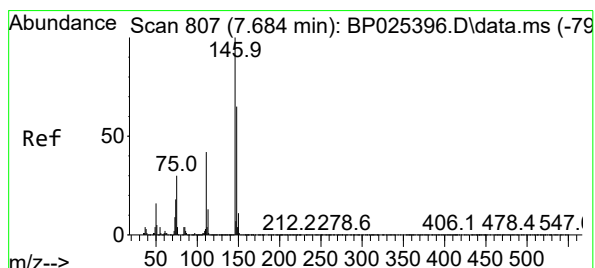
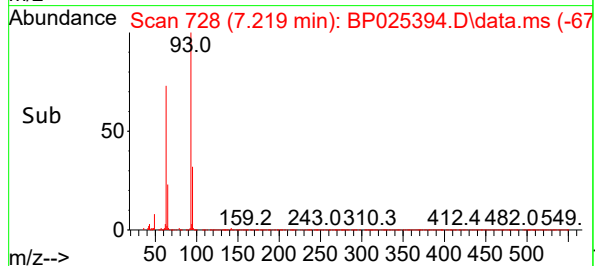
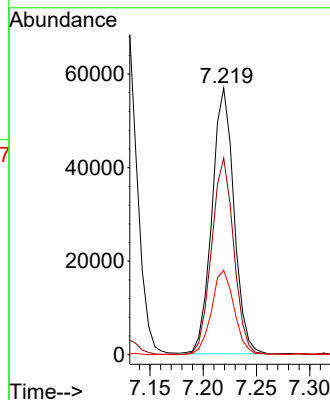
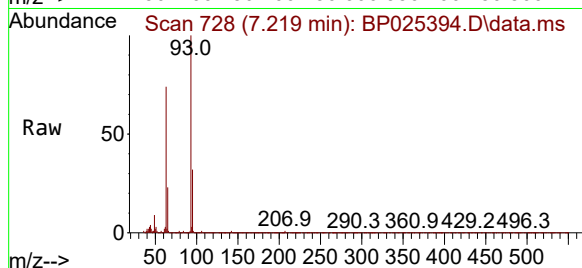
95 31.7 12.7 52.7

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#12

1,3-Dichlorobenzene

Concen: 9.564 ng

RT: 7.684 min Scan# 807

Delta R.T. 0.000 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

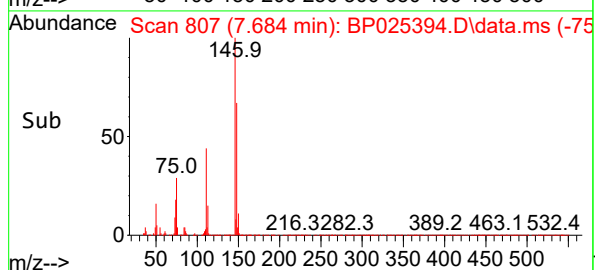
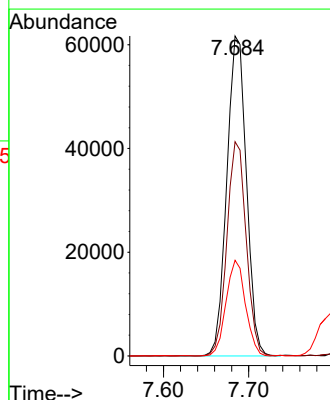
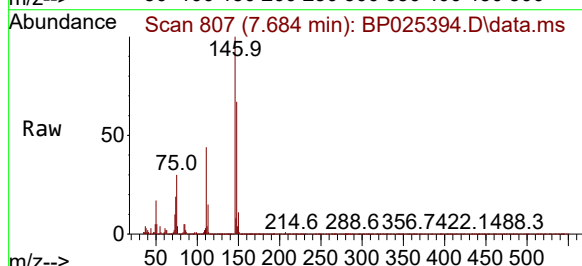
Tgt Ion:146 Resp: 98782

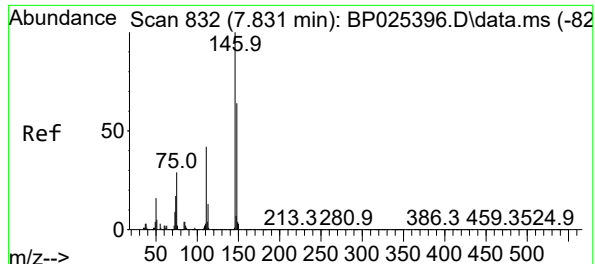
Ion Ratio Lower Upper

146 100

148 67.0 51.9 77.9

75 29.9 23.7 35.5





#13

1,4-Dichlorobenzene

Concen: 9.731 ng

RT: 7.825 min Scan# 831

Delta R.T. -0.006 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:146 Resp: 102729

Ion Ratio Lower Upper

146 100

148 63.3 51.6 77.4

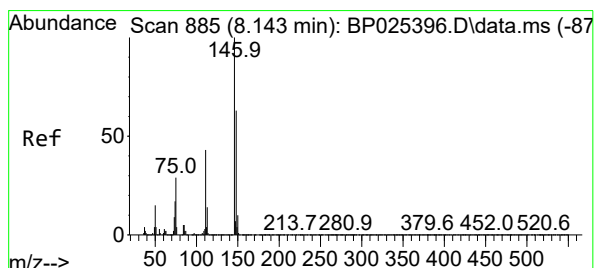
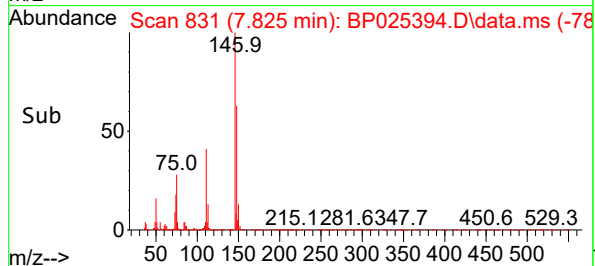
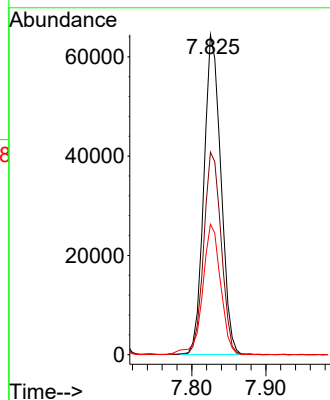
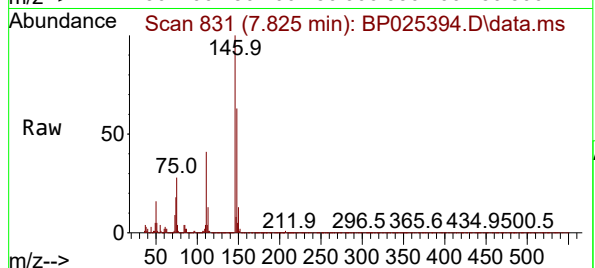
111 40.8 33.4 50.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#14

1,2-Dichlorobenzene

Concen: 9.647 ng

RT: 8.143 min Scan# 885

Delta R.T. 0.000 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

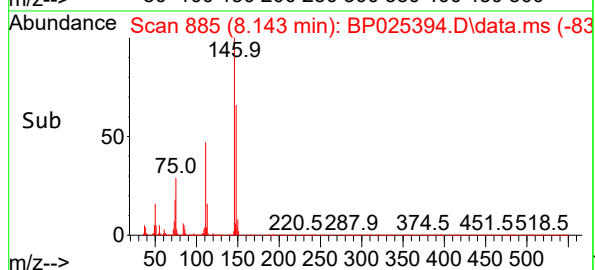
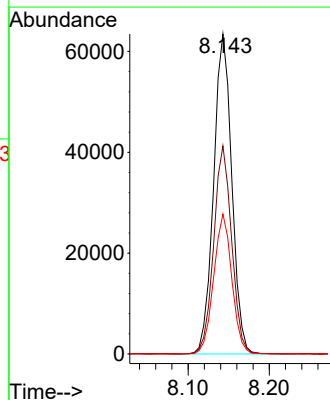
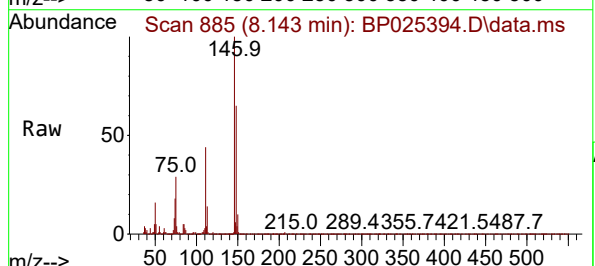
Tgt Ion:146 Resp: 98589

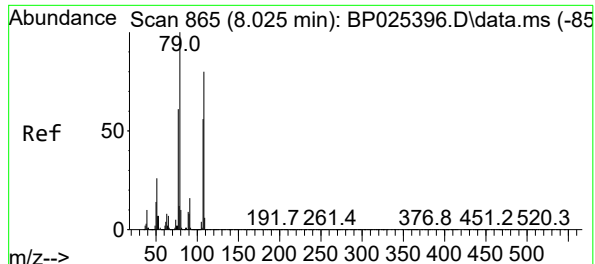
Ion Ratio Lower Upper

146 100

148 65.1 50.4 75.6

111 43.7 34.5 51.7





#15

Benzyl Alcohol

Concen: 9.273 ng

RT: 8.025 min Scan# 865

Delta R.T. 0.000 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

Instrument :

BNA_P

ClientSampleId :

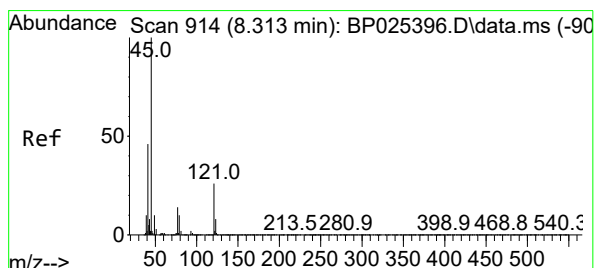
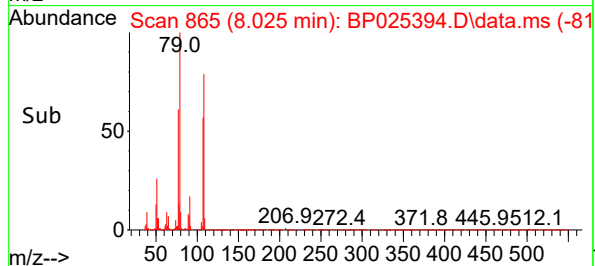
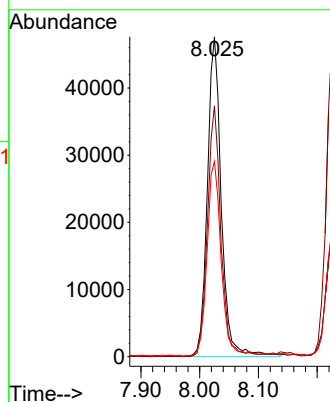
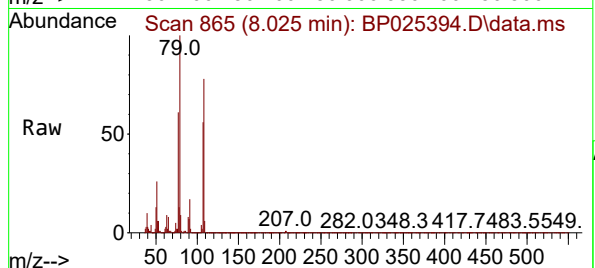
SSTDICC010

Tgt Ion:	79	Resp:	7841
Ion	Ratio	Lower	Upper
79	100		
108	78.4	63.8	95.6
77	61.0	49.0	73.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 9.412 ng

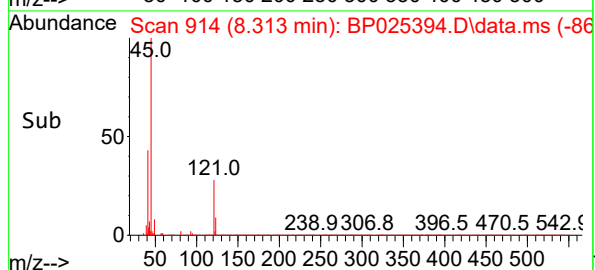
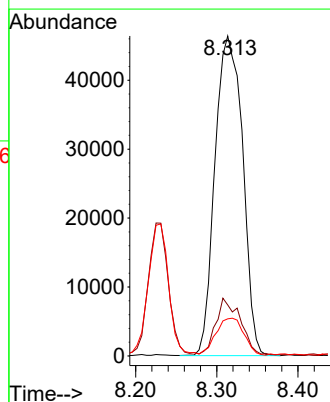
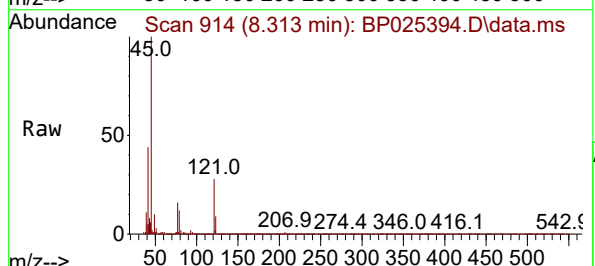
RT: 8.313 min Scan# 914

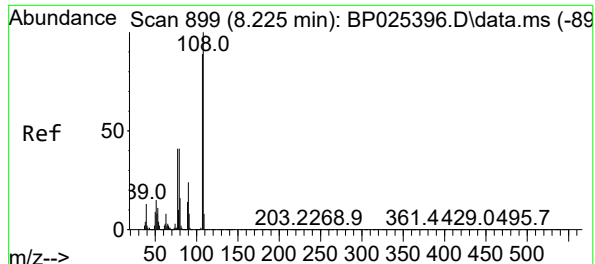
Delta R.T. 0.000 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

Tgt Ion:	45	Resp:	109744
Ion	Ratio	Lower	Upper
45	100		
77	15.9	0.0	35.3
79	11.6	0.0	31.8





#17

2-Methylphenol

Concen: 9.153 ng

RT: 8.231 min Scan# 900

Delta R.T. 0.006 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:107 Resp: 7099

Ion Ratio Lower Upper

107 100

108 108.4 89.4 134.0

77 45.5 36.3 54.5

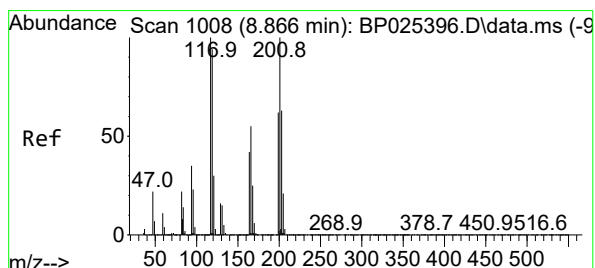
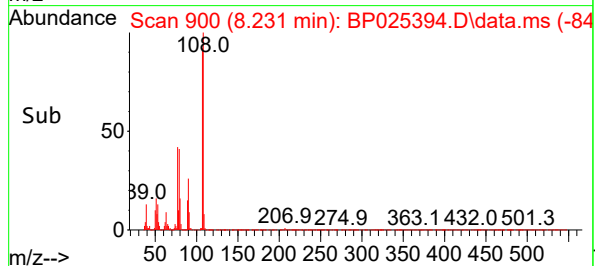
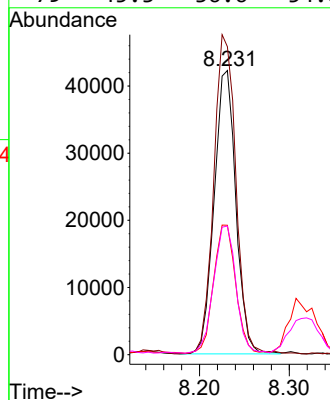
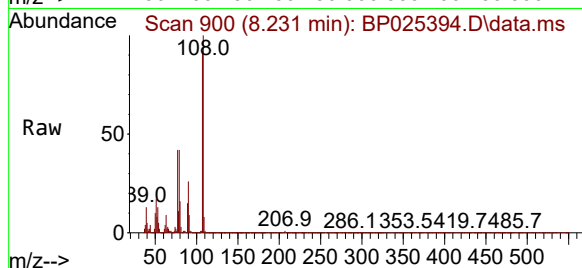
79 45.3 36.6 54.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#18

Hexachloroethane

Concen: 9.654 ng

RT: 8.866 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

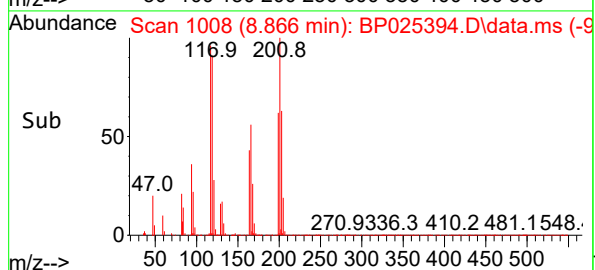
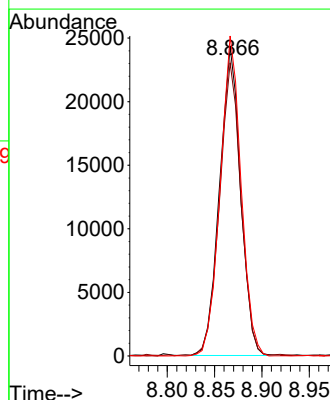
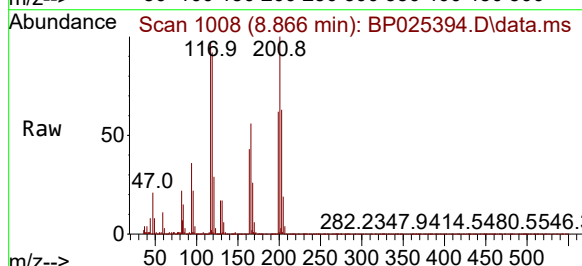
Tgt Ion:117 Resp: 37473

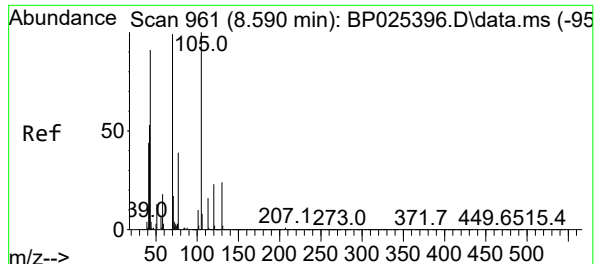
Ion Ratio Lower Upper

117 100

119 94.8 75.1 112.7

201 103.5 80.1 120.1





#19

n-Nitroso-di-n-propylamine

Concen: 9.366 ng

RT: 8.584 min Scan# 90

Delta R.T. -0.006 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion: 70 Resp: 6610

Ion Ratio Lower Upper

70 100

42 54.2 43.8 65.6

101 11.1 8.5 12.7

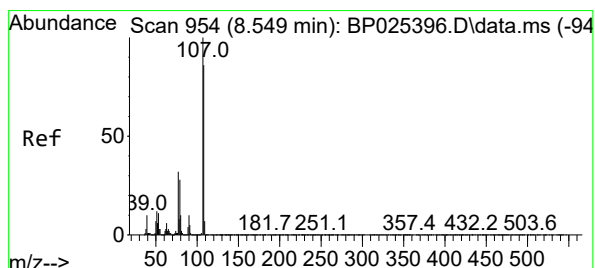
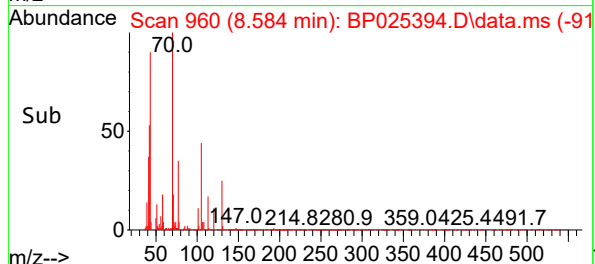
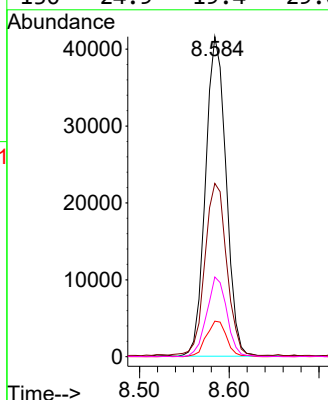
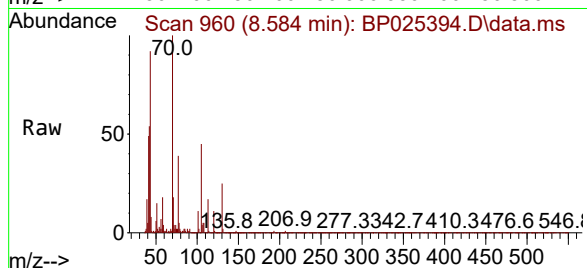
130 24.9 19.4 29.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#20

3+4-Methylphenols

Concen: 9.244 ng

RT: 8.549 min Scan# 954

Delta R.T. 0.000 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

Tgt Ion:107 Resp: 99382

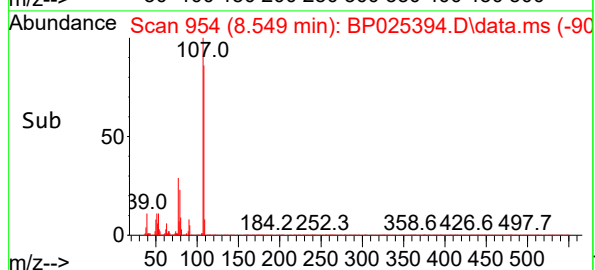
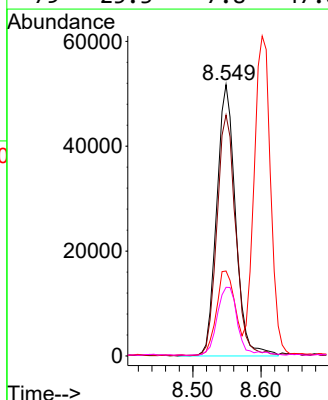
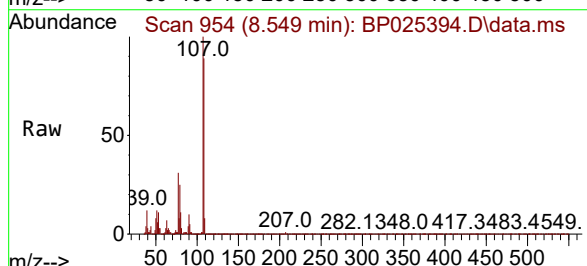
Ion Ratio Lower Upper

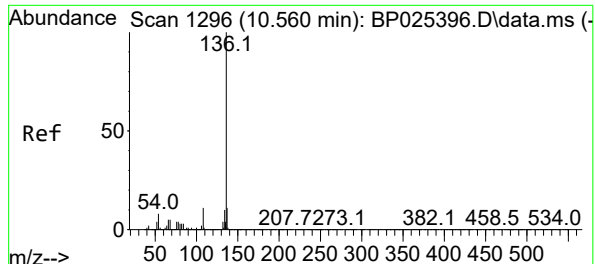
107 100

108 88.8 66.3 106.3

77 31.3 12.3 52.3

79 25.3 7.8 47.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.566 min Scan# 1296

Delta R.T. 0.006 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:136 Resp: 56399

Ion Ratio Lower Upper

136 100

137 10.8 9.2 13.8

54 7.3 6.0 9.0

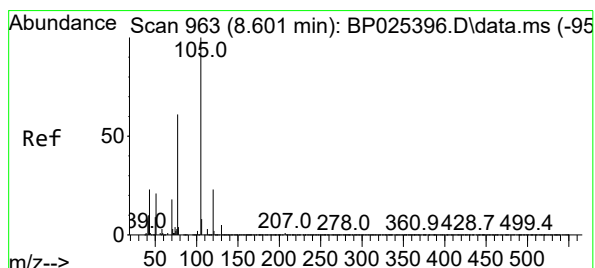
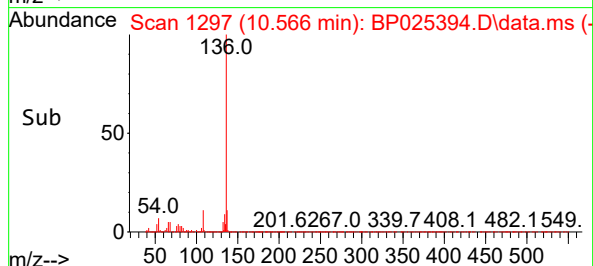
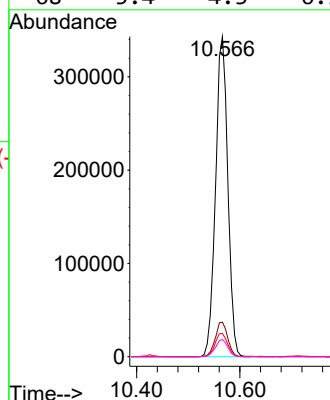
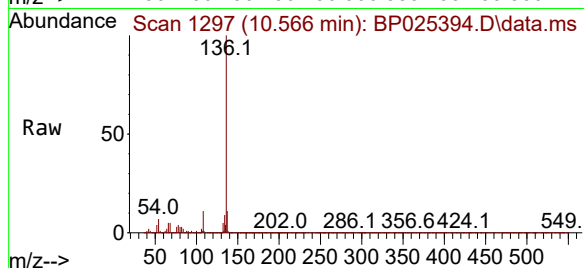
68 5.4 4.3 6.5

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#22

Acetophenone

Concen: 9.712 ng

RT: 8.602 min Scan# 963

Delta R.T. 0.000 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

Tgt Ion:105 Resp: 137361

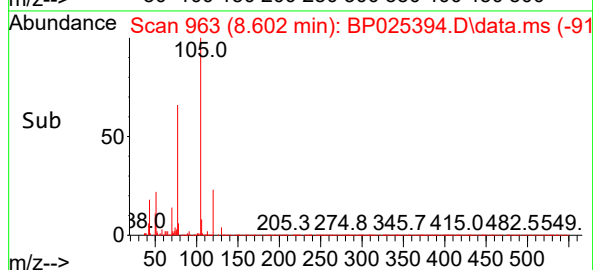
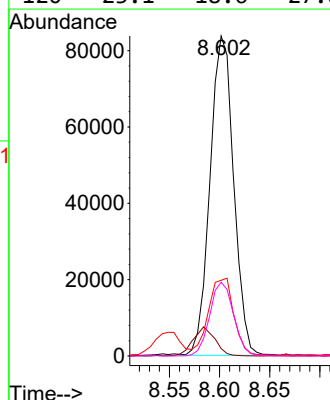
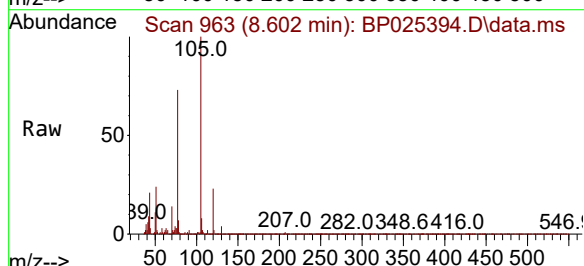
Ion Ratio Lower Upper

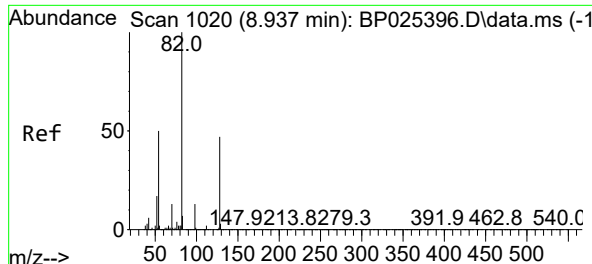
105 100

71 2.3 2.6 4.0#

51 23.7 20.6 30.8

120 23.1 18.6 27.8





#23

Nitrobenzene-d5

Concen: 19.036 ng

RT: 8.931 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion: 82 Resp: 212230

Ion Ratio Lower Upper

82 100

128 46.6 37.7 56.5

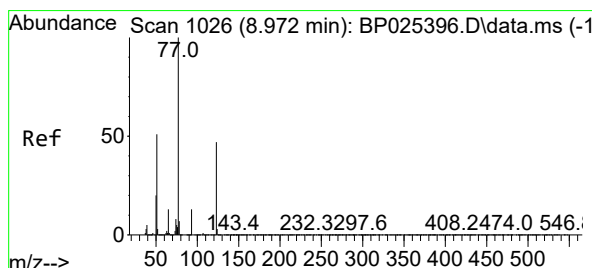
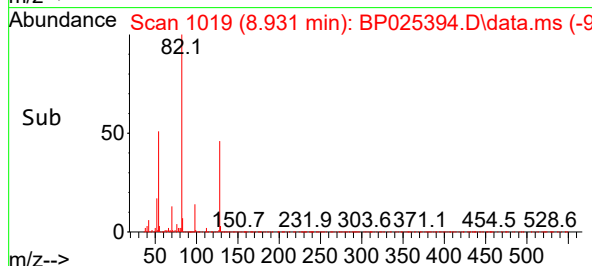
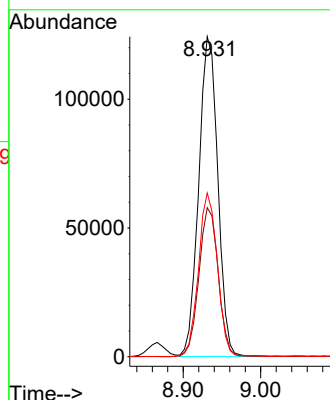
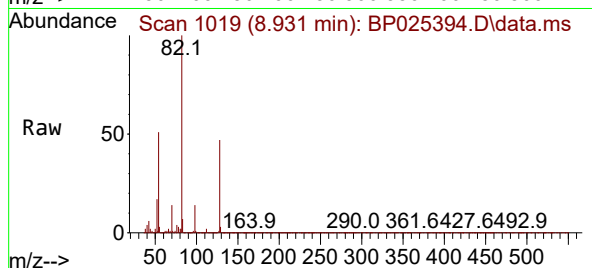
54 51.2 39.8 59.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#24

Nitrobenzene

Concen: 9.685 ng

RT: 8.972 min Scan# 1026

Delta R.T. 0.000 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

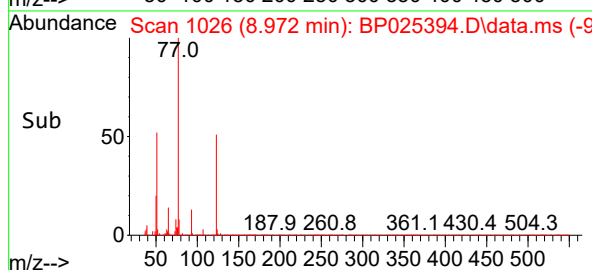
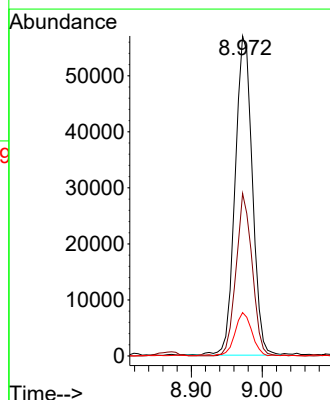
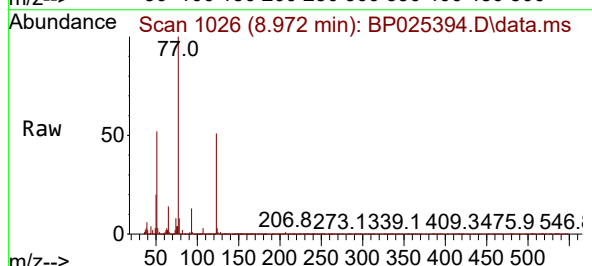
Tgt Ion: 77 Resp: 96502

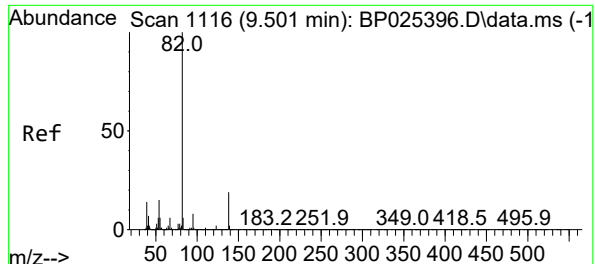
Ion Ratio Lower Upper

77 100

123 50.8 38.6 58.0

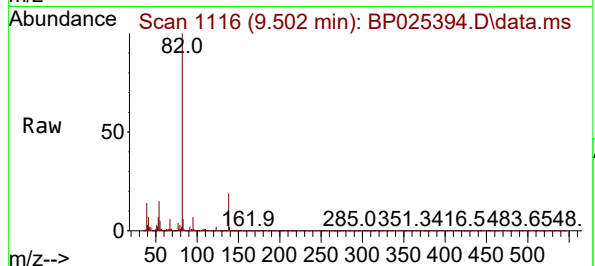
65 13.6 10.6 15.8





#25
Isophorone
Concen: 9.604 ng
RT: 9.502 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

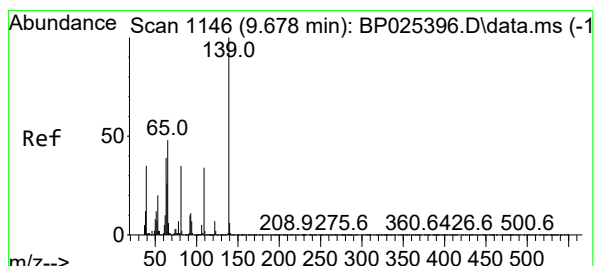
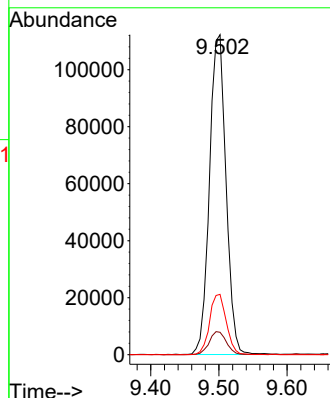
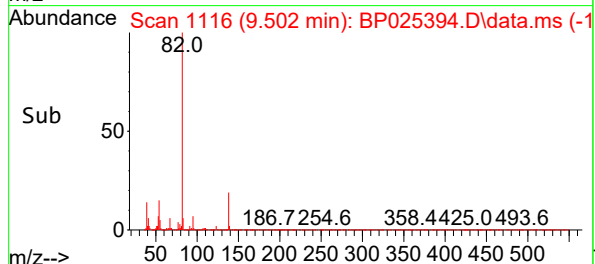
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 82 Resp: 189510
Ion Ratio Lower Upper
82 100
95 7.0 6.4 9.6
138 18.8 15.4 23.0

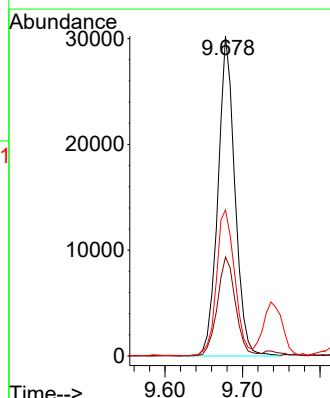
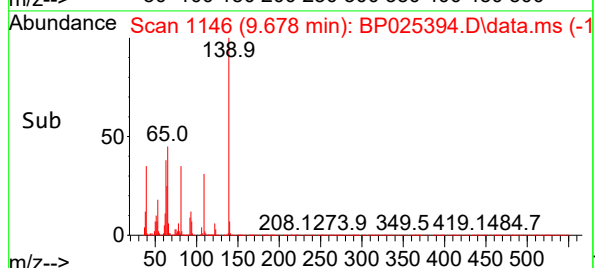
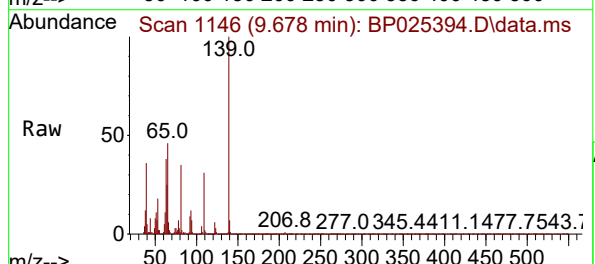
Manual Integrations
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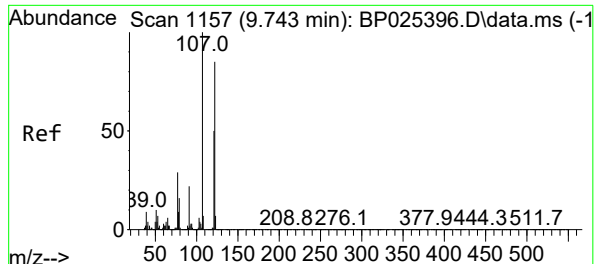
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#26
2-Nitrophenol
Concen: 8.968 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:139 Resp: 45860
Ion Ratio Lower Upper
139 100
109 30.9 26.9 40.3
65 45.6 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 9.718 ng

RT: 9.737 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:122 Resp: 8546

Ion Ratio Lower Upper

122 100

107 114.2 93.7 140.5

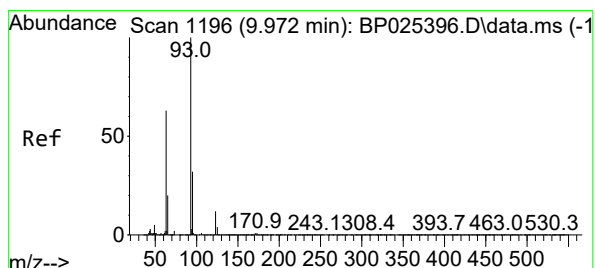
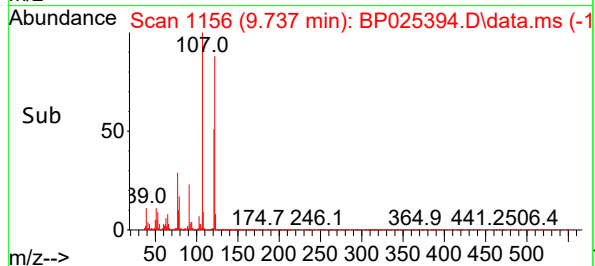
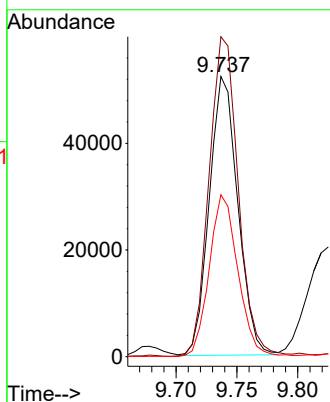
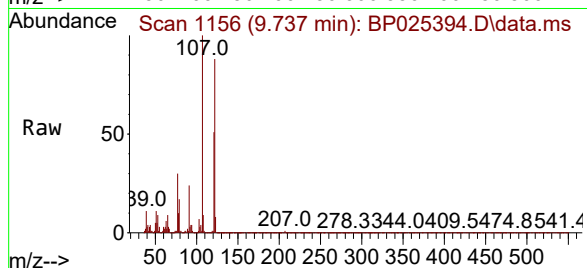
121 57.8 46.6 69.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#28

bis(2-Chloroethoxy)methane

Concen: 9.611 ng

RT: 9.972 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

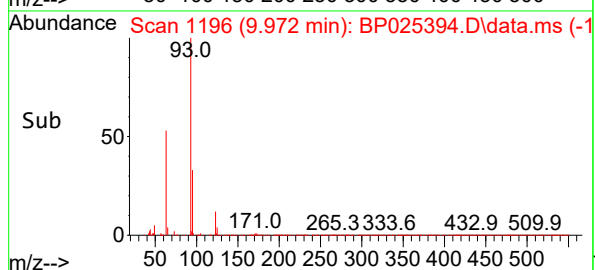
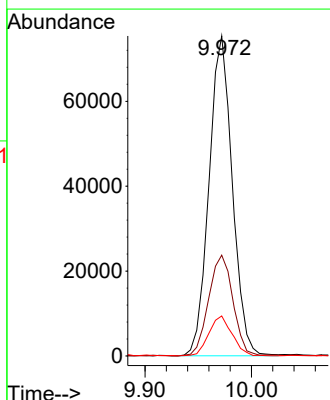
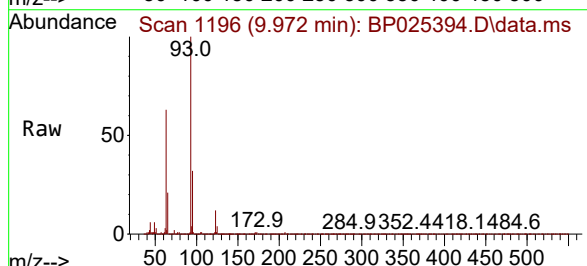
Tgt Ion: 93 Resp: 114635

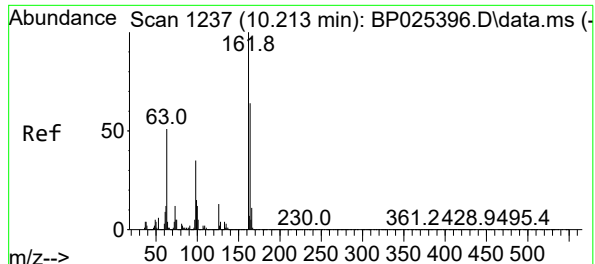
Ion Ratio Lower Upper

93 100

95 31.5 25.4 38.0

123 12.5 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 9.464 ng

RT: 10.213 min Scan# 1237

Delta R.T. 0.000 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:162 Resp: 82670

Ion Ratio Lower Upper

162 100

164 61.6 44.4 84.4

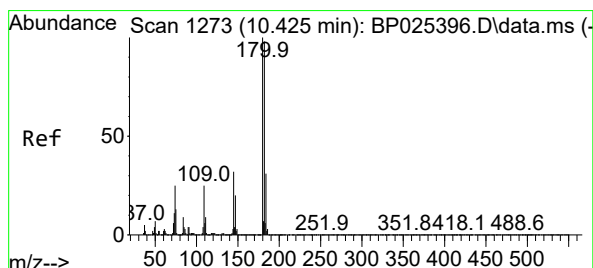
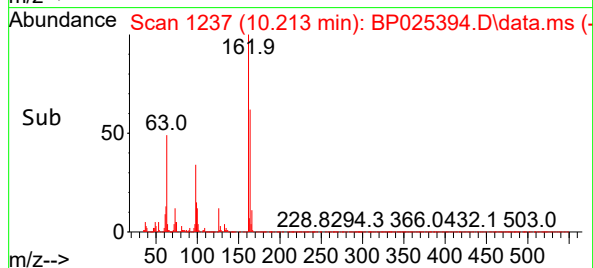
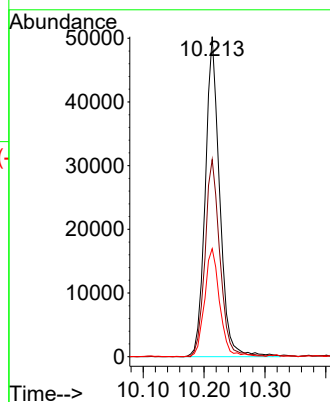
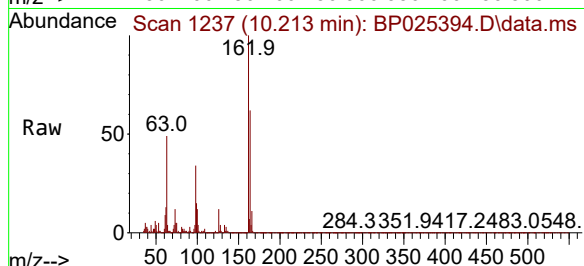
98 33.8 14.9 54.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#30

1,2,4-Trichlorobenzene

Concen: 9.676 ng

RT: 10.431 min Scan# 1274

Delta R.T. 0.006 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

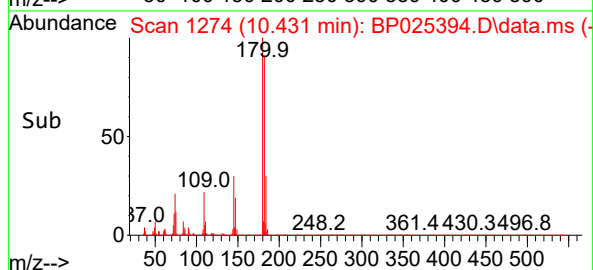
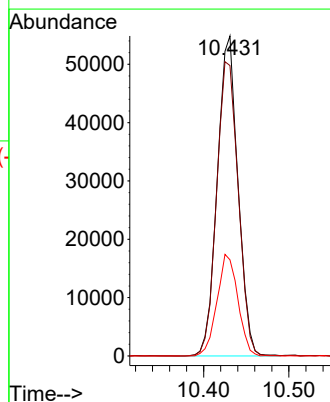
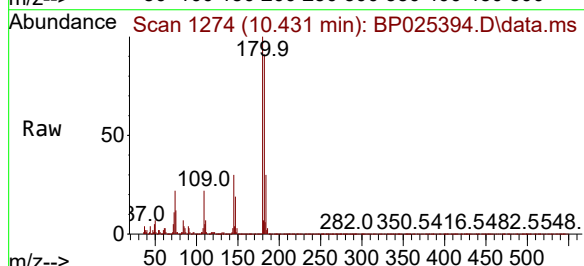
Tgt Ion:180 Resp: 92664

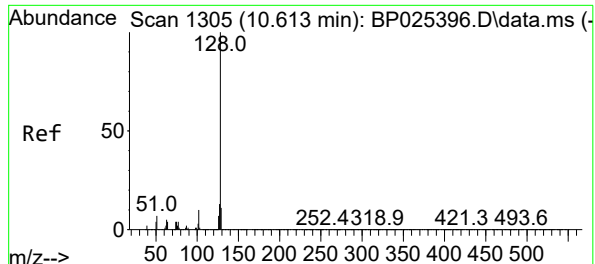
Ion Ratio Lower Upper

180 100

182 90.7 78.0 117.0

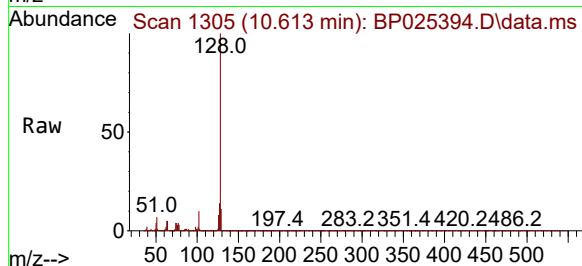
145 30.1 25.9 38.9





#31
Naphthalene
Concen: 9.816 ng
RT: 10.613 min Scan# 1110
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

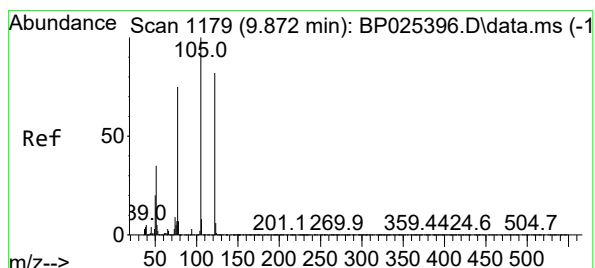
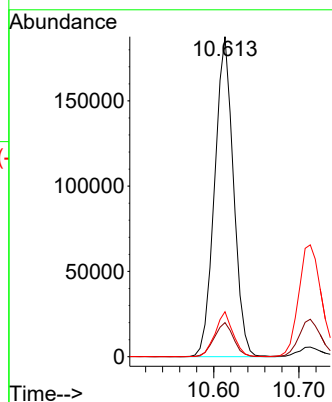
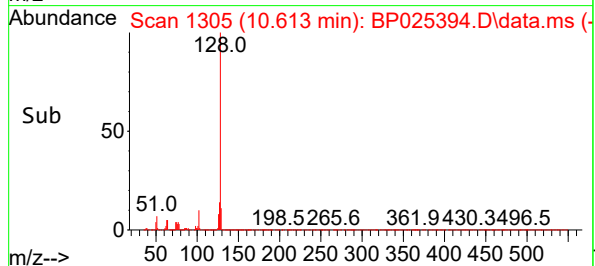
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:128 Resp: 287754
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 14.0 10.7 16.1

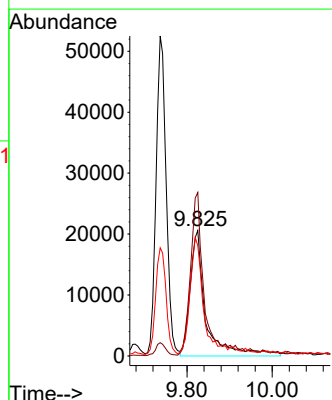
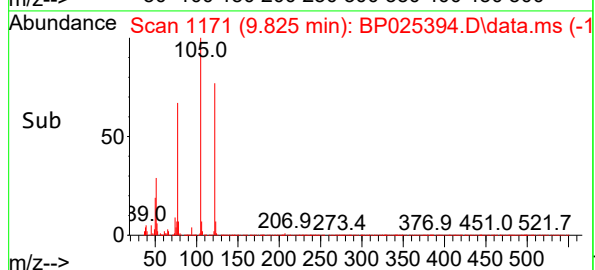
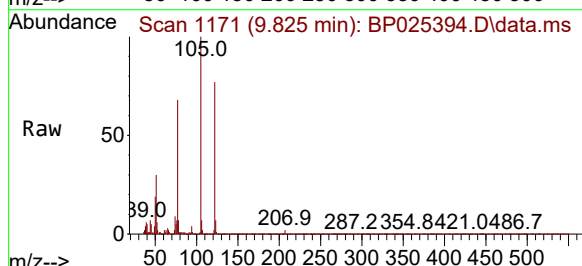
Manual Integrations
APPROVED

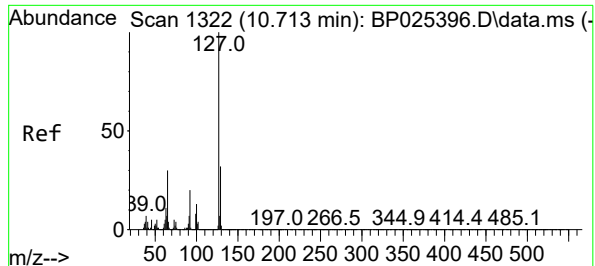
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#32
Benzoic acid
Concen: 8.188 ng m
RT: 9.825 min Scan# 1171
Delta R.T. -0.047 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

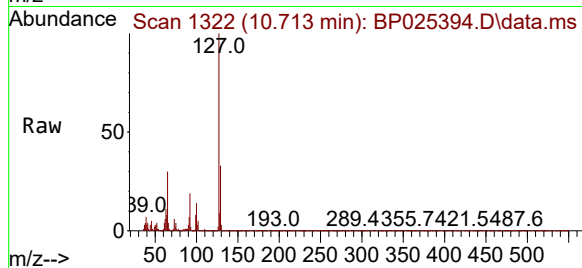
Tgt Ion:122 Resp: 53034
Ion Ratio Lower Upper
122 100
105 130.4 100.6 140.6
77 88.0 71.5 111.5





#33
4-Chloroaniline
Concen: 9.472 ng
RT: 10.713 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

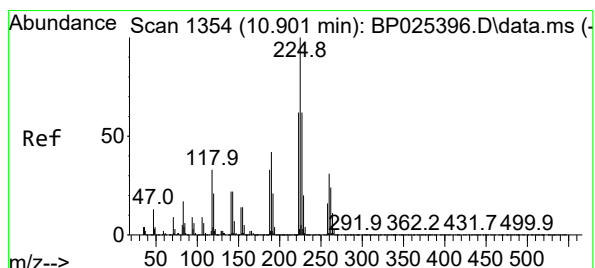
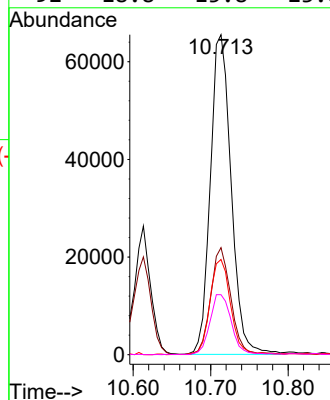
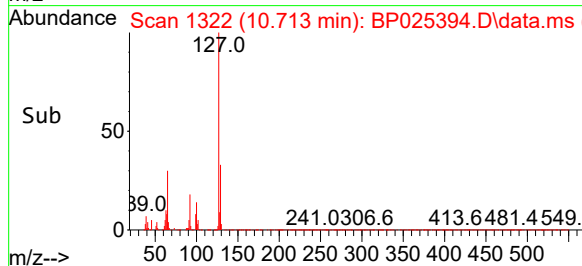
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



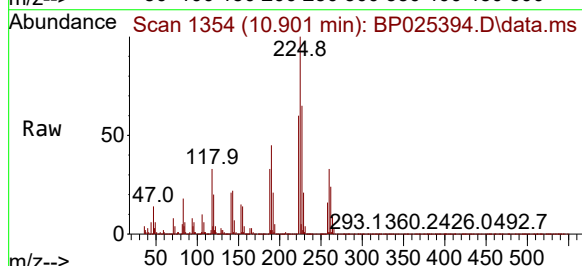
Tgt Ion:127 Resp: 12264
Ion Ratio Lower Upper
127 100
129 33.5 25.4 38.2
65 29.7 23.8 35.6
92 18.8 15.8 23.8

Manual Integrations
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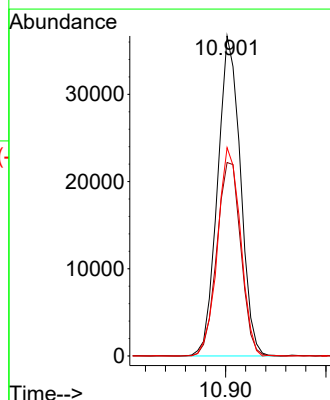
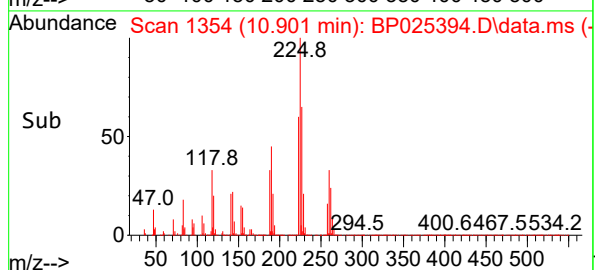
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

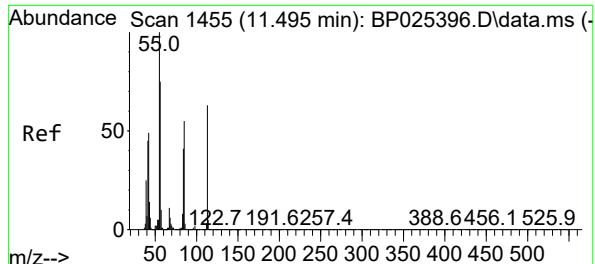


#34
Hexachlorobutadiene
Concen: 9.695 ng
RT: 10.901 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56



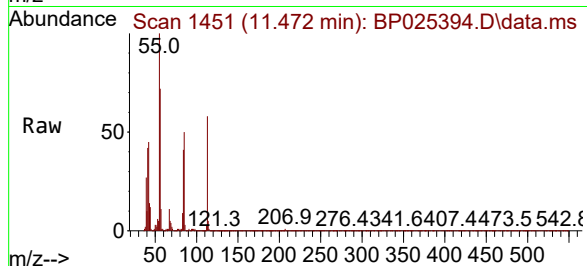
Tgt Ion:225 Resp: 57821
Ion Ratio Lower Upper
225 100
223 60.5 50.0 75.0
227 65.1 49.7 74.5





#35
Caprolactam
Concen: 10.001 ng
RT: 11.472 min Scan# 1455
Delta R.T. -0.023 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

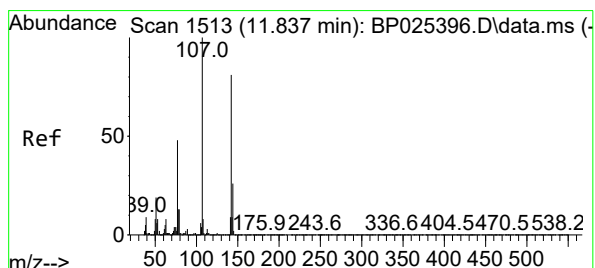
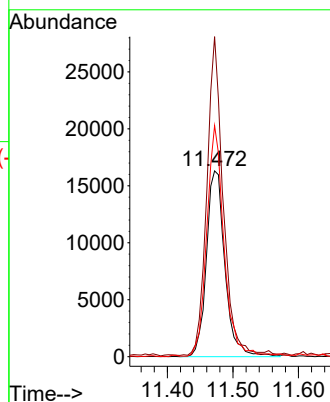
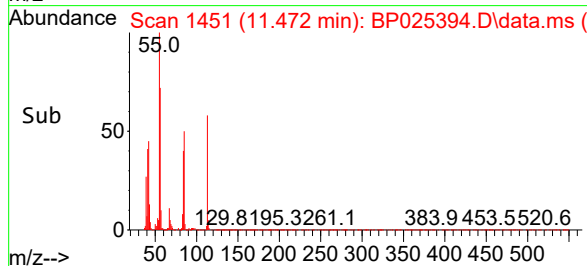
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:113 Resp: 32038
Ion Ratio Lower Upper
113 100
55 172.3 140.0 180.0
56 124.4 100.0 140.0

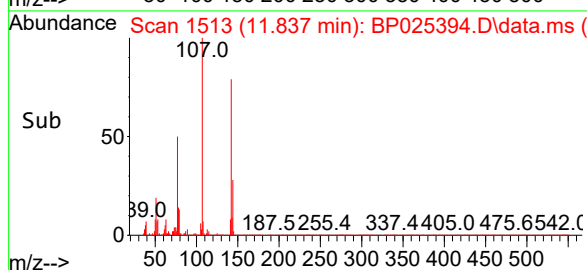
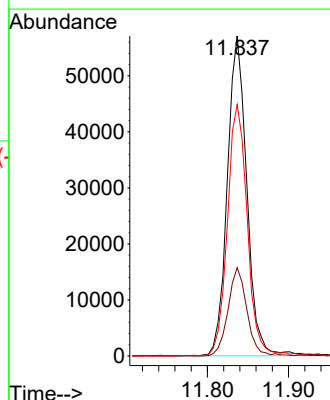
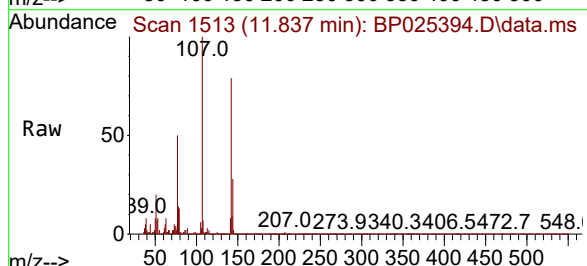
Manual Integrations
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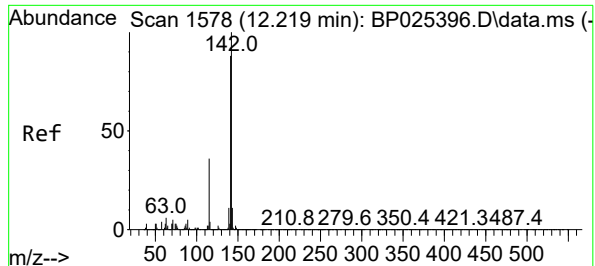
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#36
4-Chloro-3-methylphenol
Concen: 9.431 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:107 Resp: 94538
Ion Ratio Lower Upper
107 100
144 27.6 21.0 31.4
142 78.6 64.6 97.0





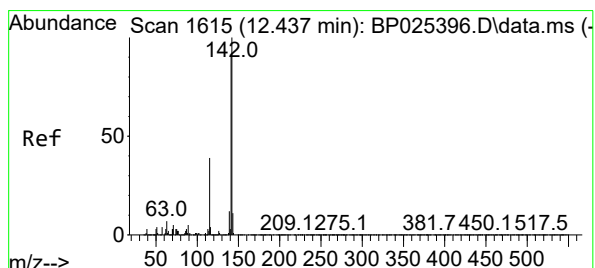
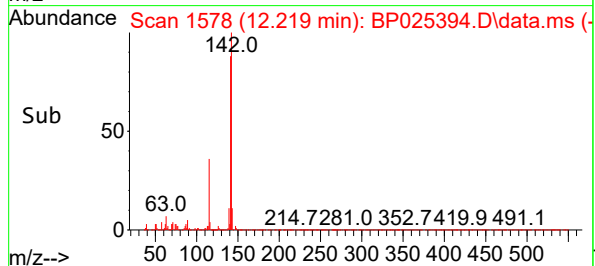
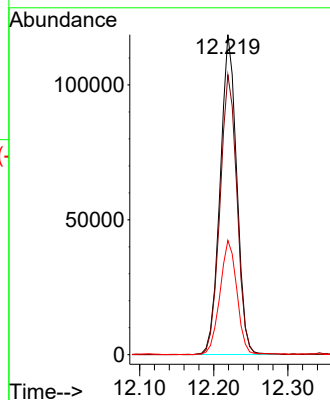
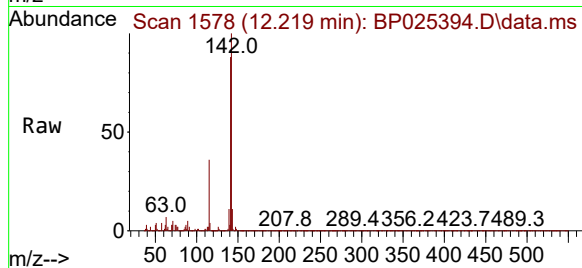
#37
2-Methylnaphthalene
Concen: 9.654 ng
RT: 12.219 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:142 Resp: 184172
Ion Ratio Lower Upper
142 100
141 87.5 70.3 105.5
115 35.7 28.9 43.3

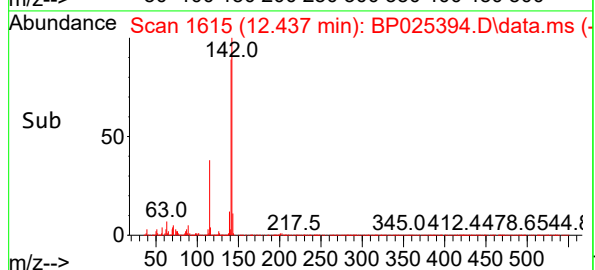
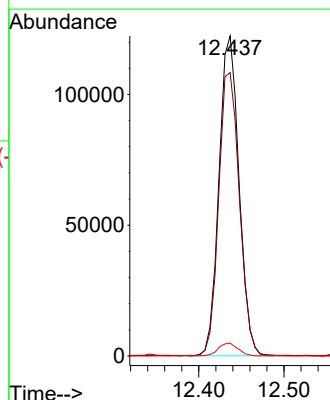
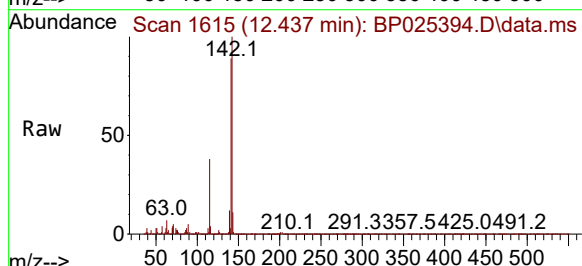
Manual Integrations
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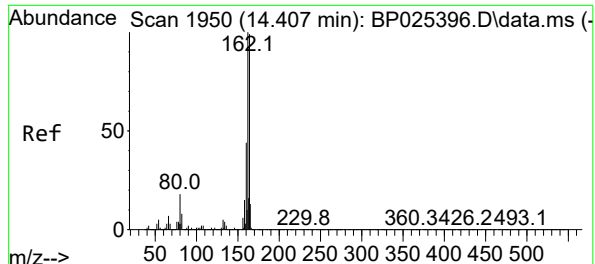
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#38
1-Methylnaphthalene
Concen: 9.817 ng
RT: 12.437 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:142 Resp: 199160
Ion Ratio Lower Upper
142 100
141 88.6 73.1 109.7
116 4.0 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.407 min Scan# 1950

Delta R.T. 0.000 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:164 Resp: 383199

Ion Ratio Lower Upper

164 100

162 99.7 81.0 121.6

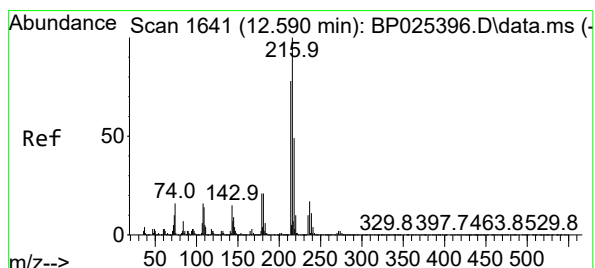
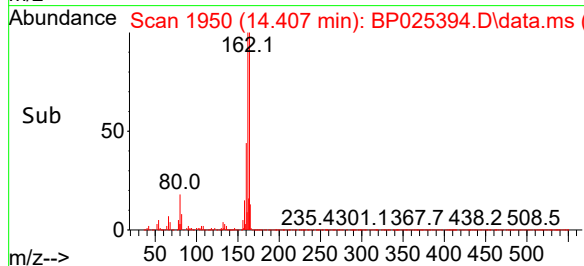
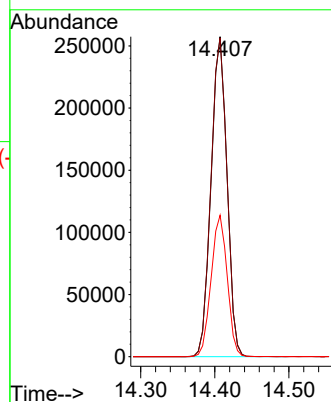
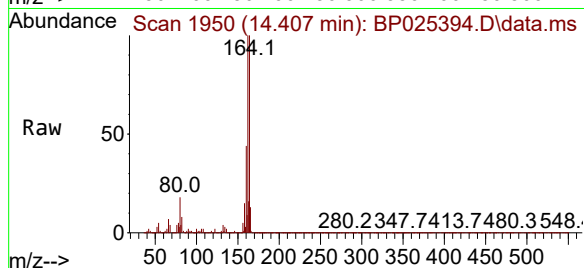
160 44.2 35.4 53.2

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 9.678 ng

RT: 12.590 min Scan# 1641

Delta R.T. 0.000 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

Tgt Ion:216 Resp: 107104

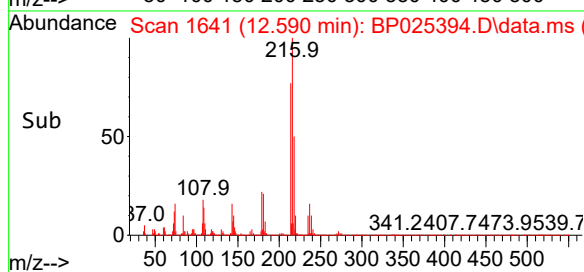
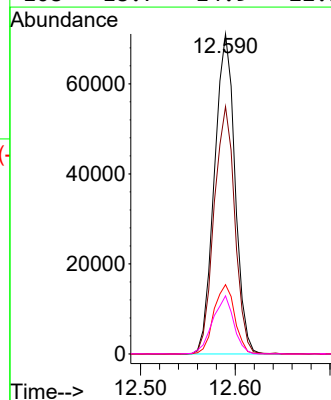
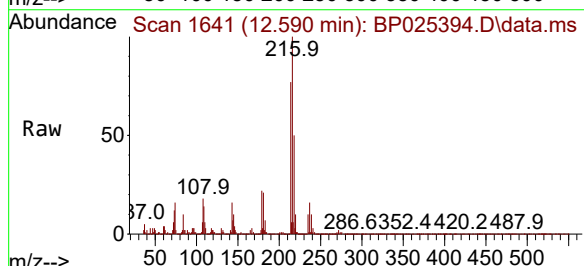
Ion Ratio Lower Upper

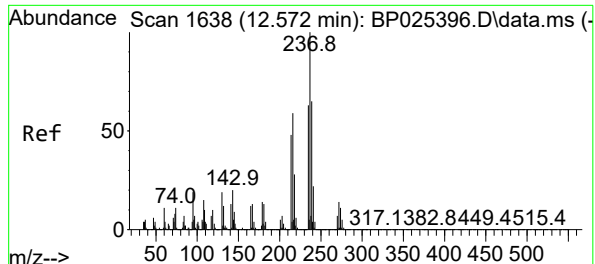
216 100

214 77.8 63.0 94.4

179 22.0 17.1 25.7

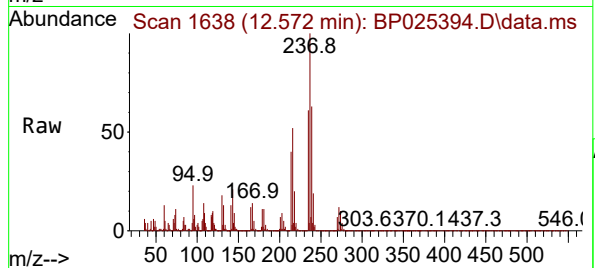
108 18.7 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 7.867 ng
RT: 12.572 min Scan# 1638
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

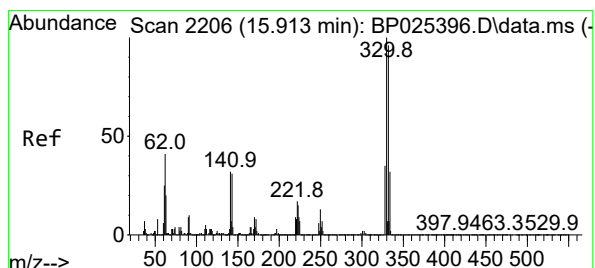
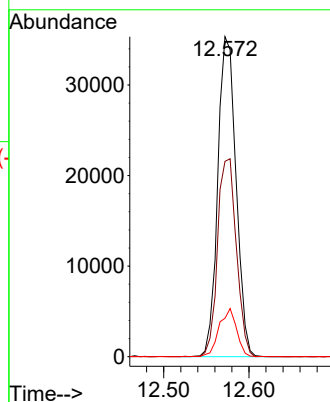
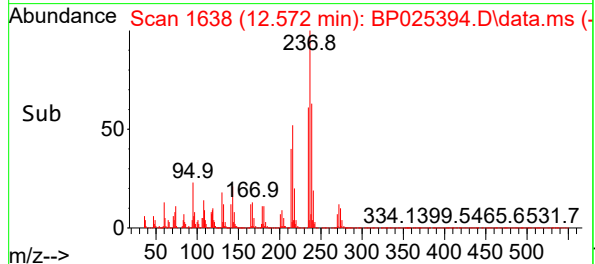
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 237 Resp: 52588
Ion Ratio Lower Upper
237 100
235 61.1 42.7 82.7
272 12.0 0.0 34.0

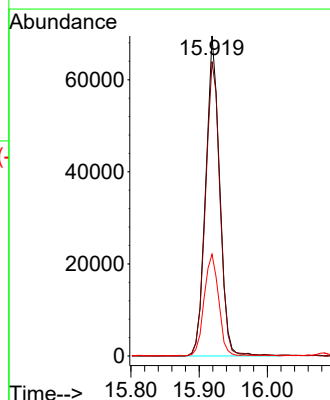
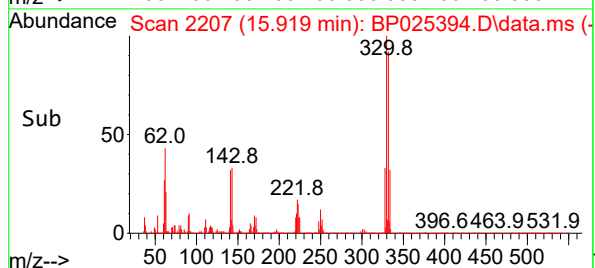
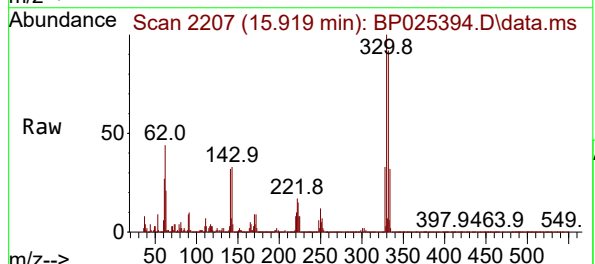
Manual Integrations
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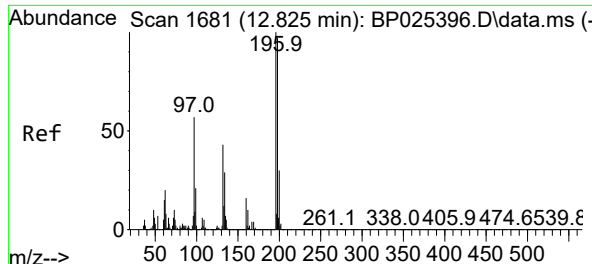
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#42
2,4,6-Tribromophenol
Concen: 19.210 ng
RT: 15.919 min Scan# 2207
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 330 Resp: 99083
Ion Ratio Lower Upper
330 100
332 95.4 77.3 115.9
141 33.1 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 9.339 ng

RT: 12.831 min Scan# 1682

Delta R.T. 0.006 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:196 Resp: 69780

Ion Ratio Lower Upper

196 100

198 99.9 77.2 115.8

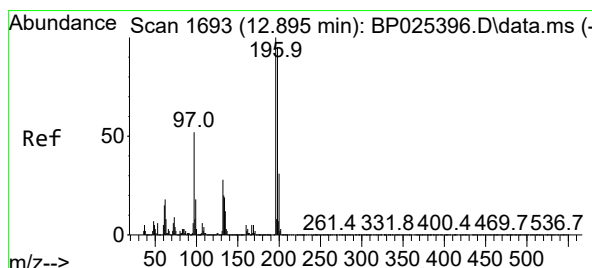
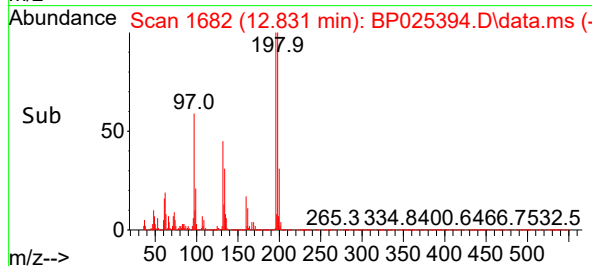
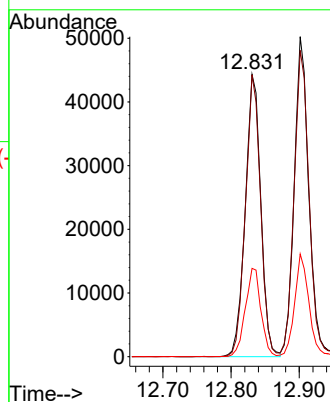
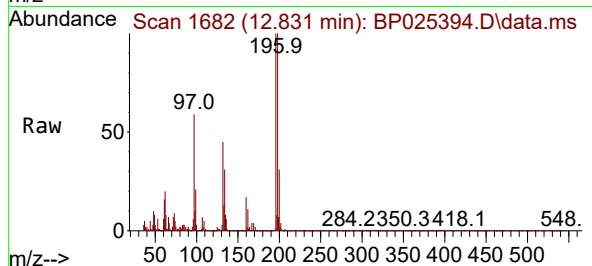
200 31.3 23.9 35.9

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#44

2,4,5-Trichlorophenol

Concen: 9.006 ng

RT: 12.901 min Scan# 1694

Delta R.T. 0.006 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

Tgt Ion:196 Resp: 73744

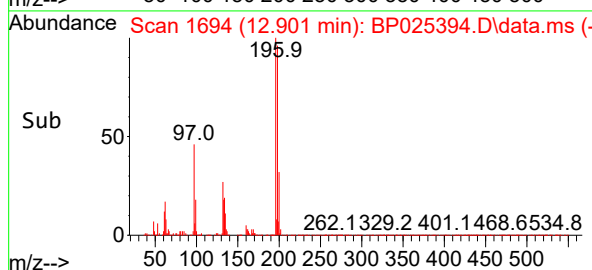
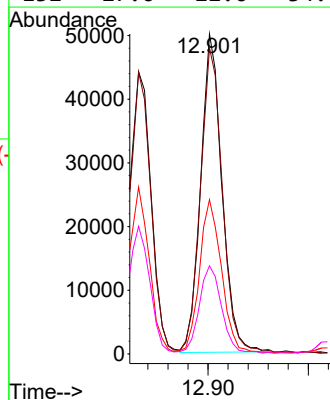
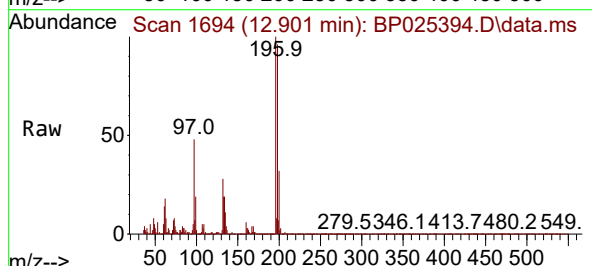
Ion Ratio Lower Upper

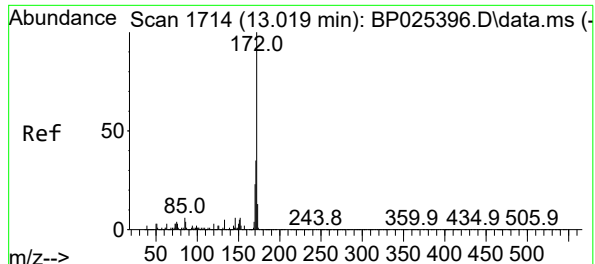
196 100

198 95.7 76.2 114.2

97 48.2 41.2 61.8

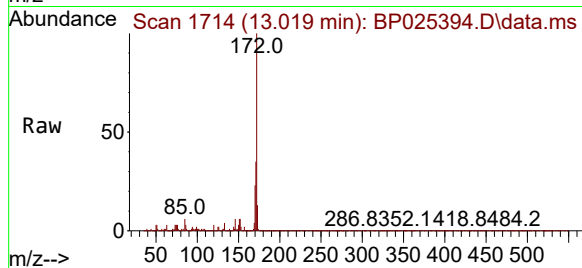
132 27.6 22.6 34.0





#45
2-Fluorobiphenyl
Concen: 20.271 ng
RT: 13.019 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

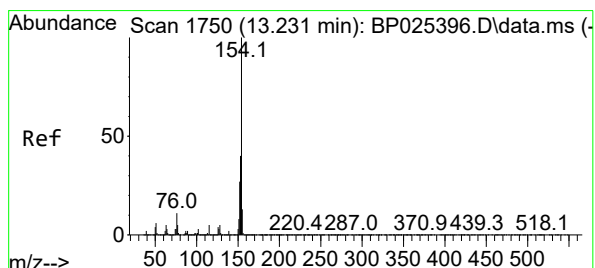
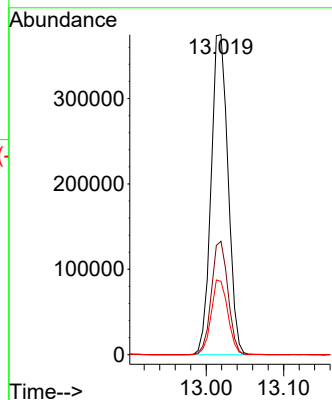
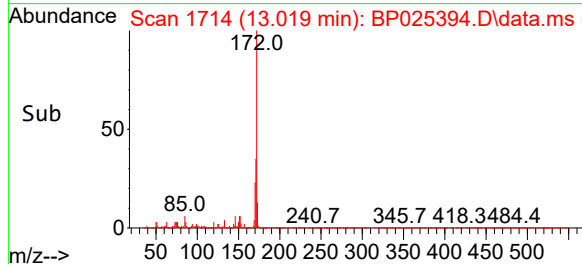
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



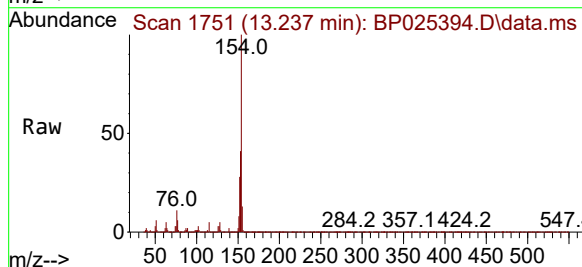
Tgt Ion:172 Resp: 568359
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 22.9 18.6 28.0

Manual Integrations
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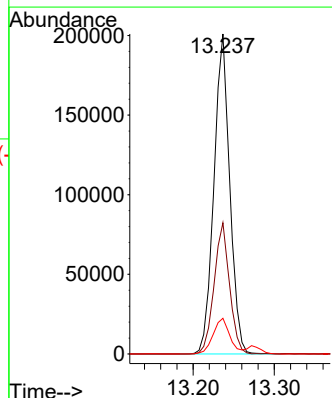
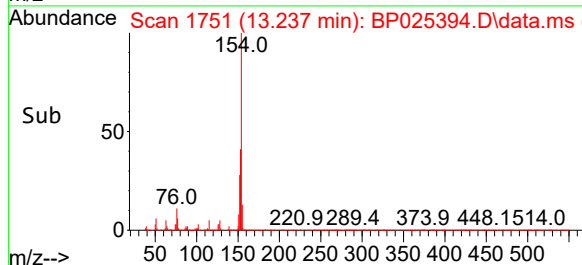
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

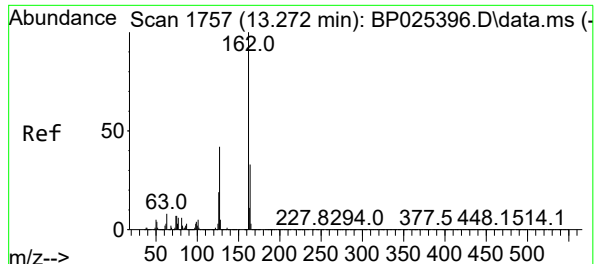


#46
1,1'-Biphenyl
Concen: 9.763 ng
RT: 13.237 min Scan# 1751
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56



Tgt Ion:154 Resp: 271710
Ion Ratio Lower Upper
154 100
153 41.0 19.5 59.5
76 11.2 0.0 31.1





#47

2-Chloronaphthalene

Concen: 9.666 ng

RT: 13.272 min Scan# 1757

Delta R.T. 0.000 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:162 Resp: 209419

Ion Ratio Lower Upper

162 100

127 40.9 33.4 50.2

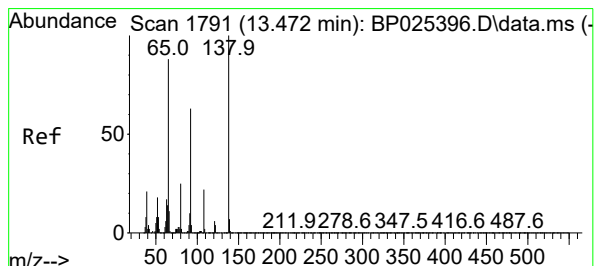
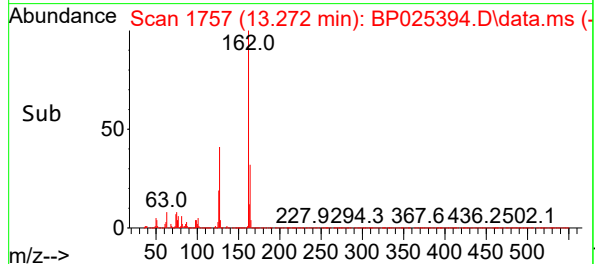
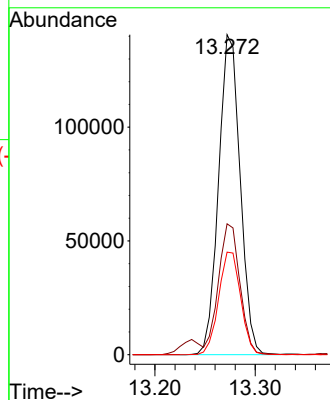
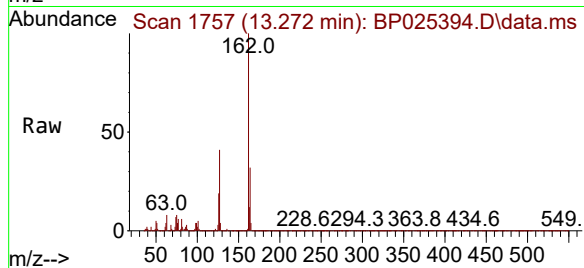
164 32.0 26.2 39.2

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#48

2-Nitroaniline

Concen: 9.287 ng

RT: 13.466 min Scan# 1790

Delta R.T. -0.006 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

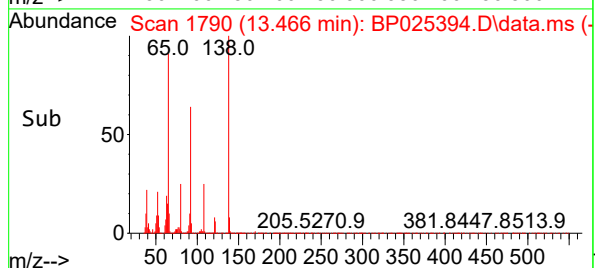
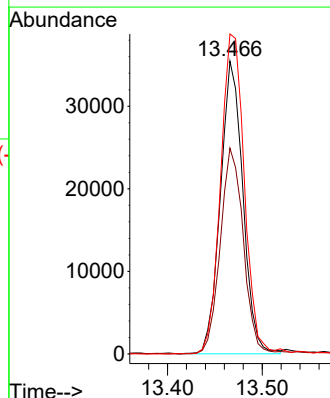
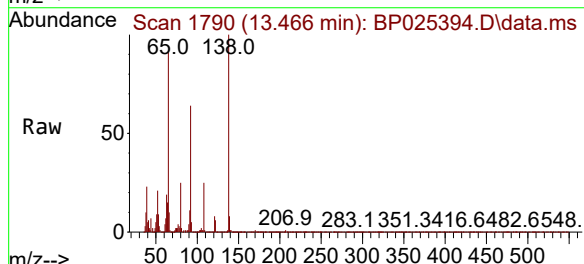
Tgt Ion: 65 Resp: 58630

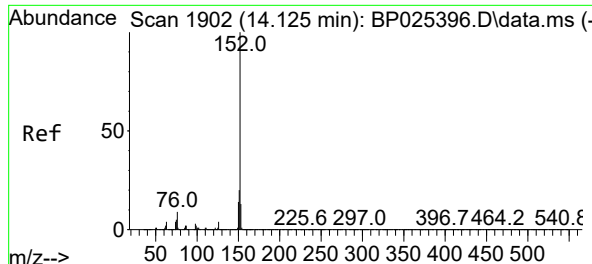
Ion Ratio Lower Upper

65 100

92 70.3 57.6 86.4

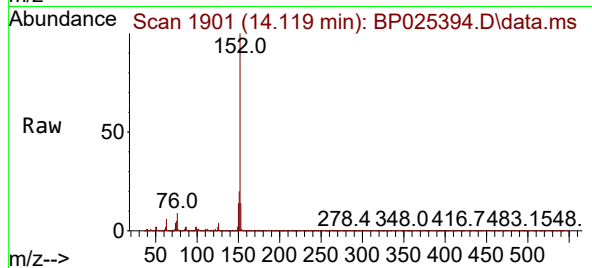
138 109.3 91.0 136.6





#49
Acenaphthylene
Concen: 9.652 ng
RT: 14.119 min Scan# 1901
Delta R.T. -0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

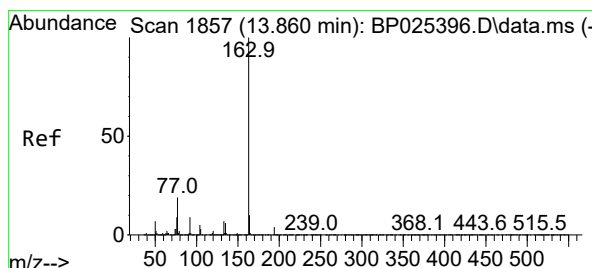
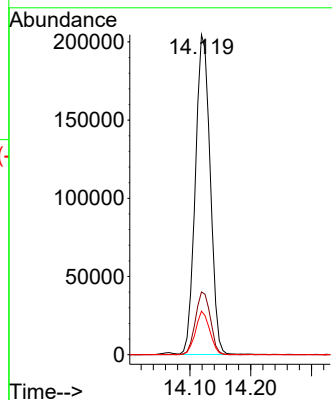
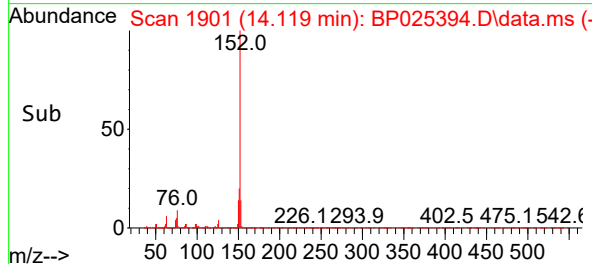
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



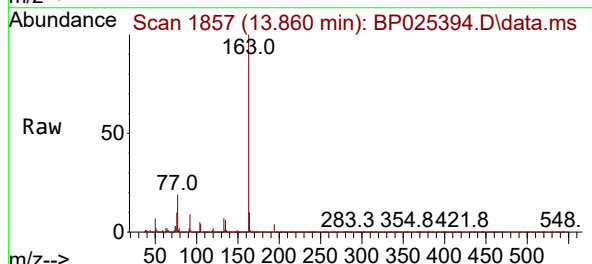
Tgt Ion:152 Resp: 34602
Ion Ratio Lower Upper
152 100
151 19.6 16.0 24.0
153 13.6 10.6 15.8

Manual Integrations
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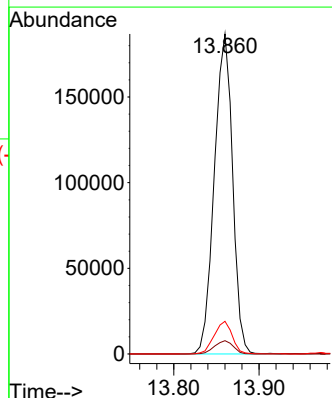
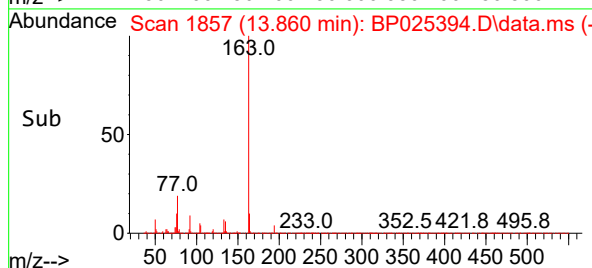
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

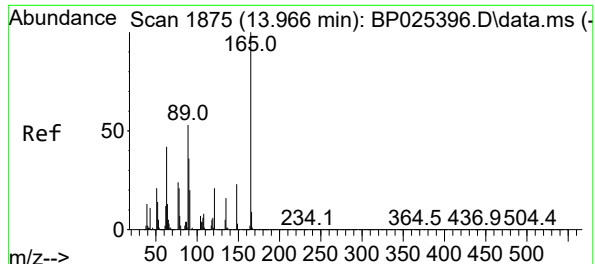


#50
Dimethylphthalate
Concen: 9.896 ng
RT: 13.860 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56



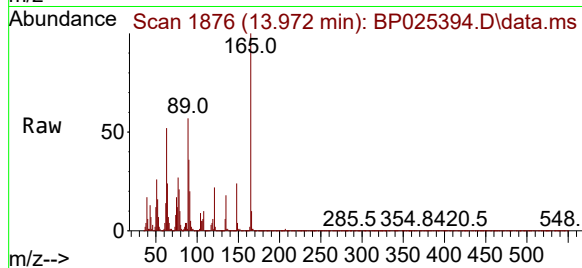
Tgt Ion:163 Resp: 277701
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.2 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 9.292 ng
RT: 13.972 min Scan# 1876
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

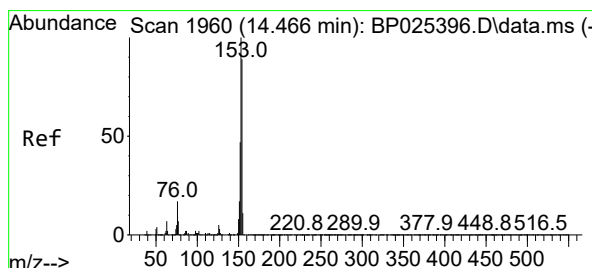
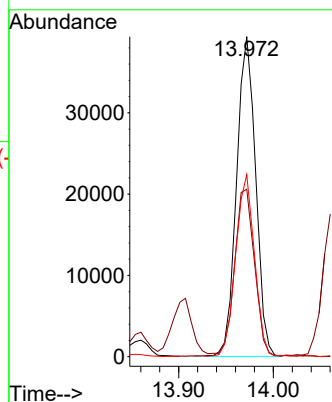
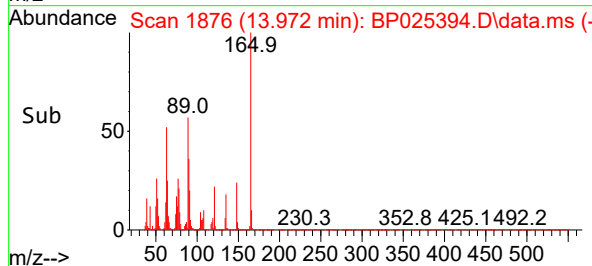
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:165 Resp: 5495
Ion Ratio Lower Upper
165 100
63 52.3 40.9 61.3
89 56.9 42.1 63.1

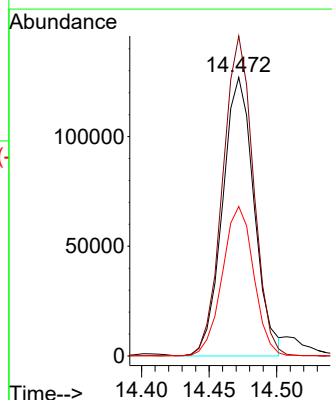
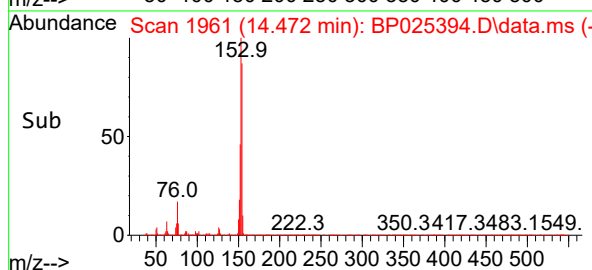
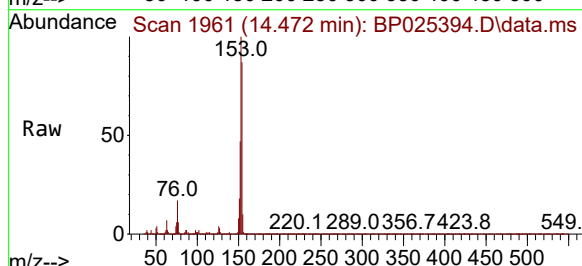
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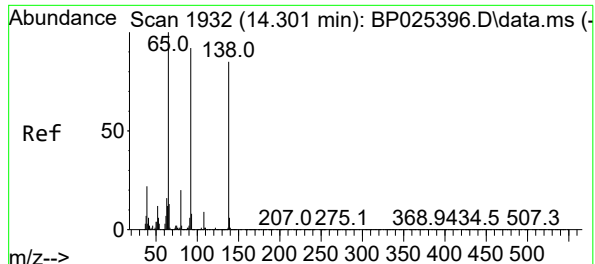
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#52
Acenaphthene
Concen: 9.848 ng m
RT: 14.472 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

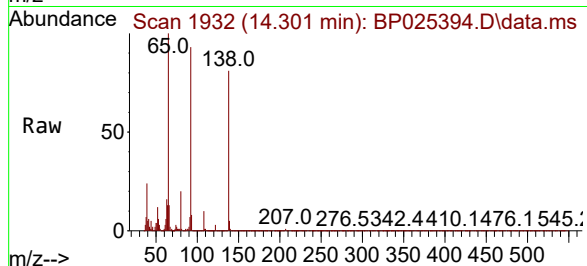
Tgt Ion:154 Resp: 207239
Ion Ratio Lower Upper
154 100
153 114.8 90.2 135.2
152 53.6 42.1 63.1





#53
3-Nitroaniline
Concen: 9.466 ng
RT: 14.301 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

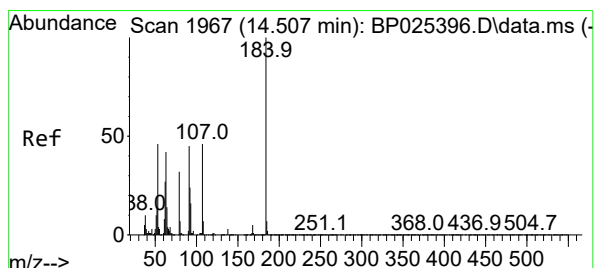
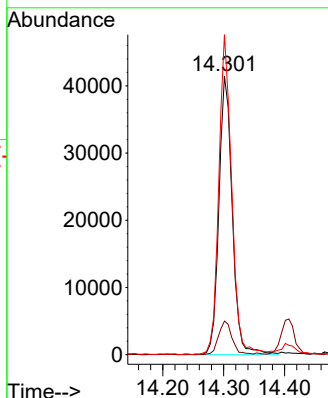
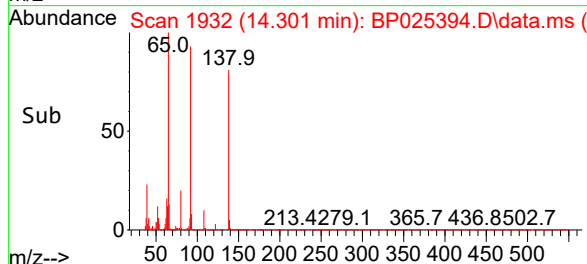
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:138 Resp: 6299
Ion Ratio Lower Upper
138 100
108 12.1 8.3 12.5
92 114.9 86.2 129.2

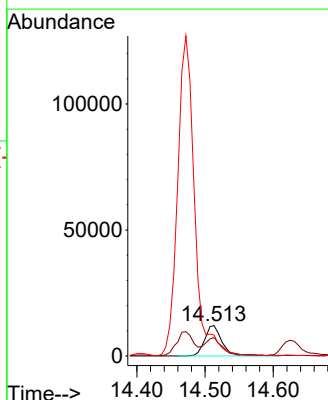
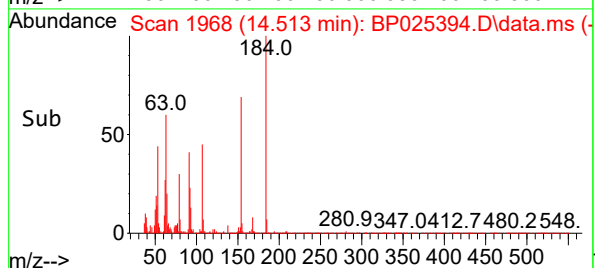
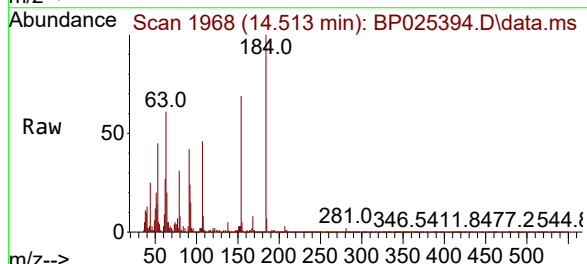
Manual Integrations
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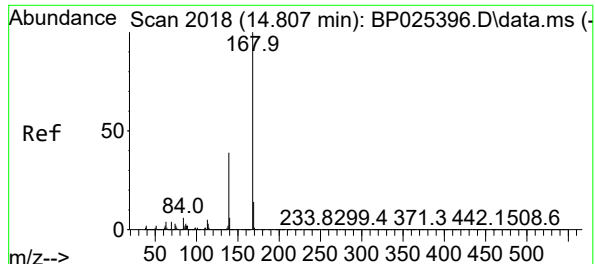
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#54
2,4-Dinitrophenol
Concen: 6.886 ng
RT: 14.513 min Scan# 1968
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

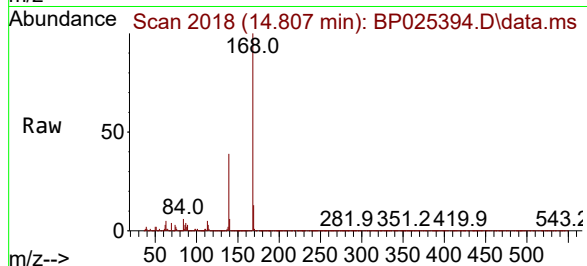
Tgt Ion:184 Resp: 21748
Ion Ratio Lower Upper
184 100
63 60.8 49.4 74.2
154 69.1 54.6 82.0





#55
Dibenzenofuran
Concen: 9.851 ng
RT: 14.807 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

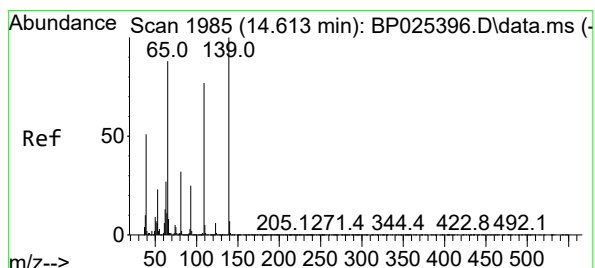
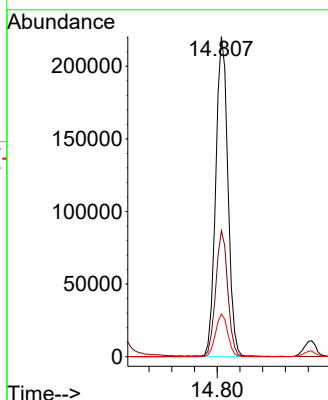
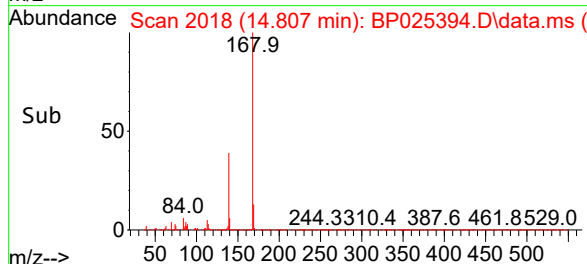
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



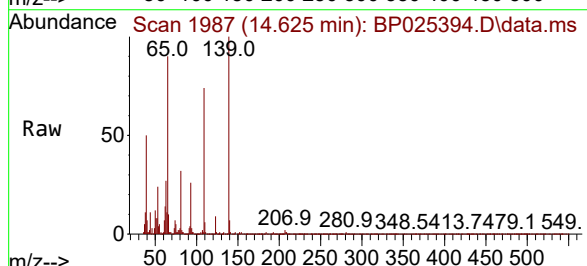
Tgt Ion:168 Resp: 327734
Ion Ratio Lower Upper
168 100
139 39.3 31.5 47.3
169 13.4 10.9 16.3

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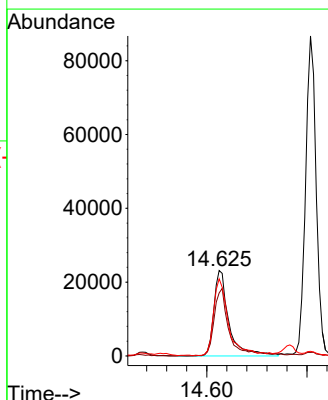
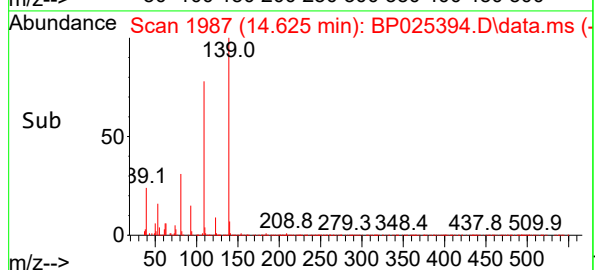
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

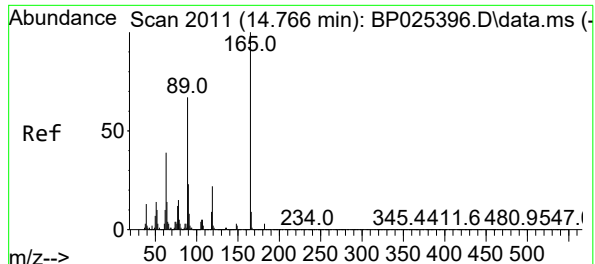


#56
4-Nitrophenol
Concen: 8.797 ng
RT: 14.625 min Scan# 1987
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56



Tgt Ion:139 Resp: 48103
Ion Ratio Lower Upper
139 100
109 73.8 56.6 96.6
65 90.2 68.2 108.2





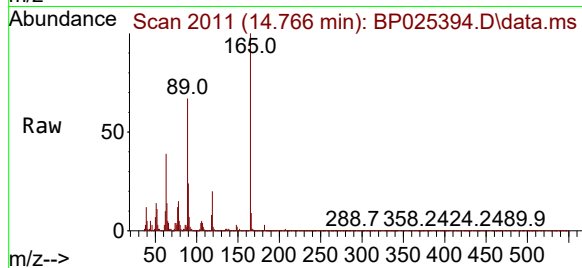
#57
2,4-Dinitrotoluene
Concen: 9.237 ng
RT: 14.766 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

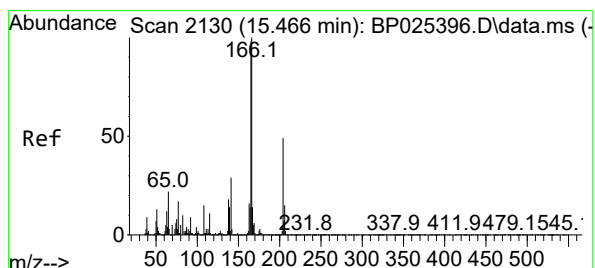
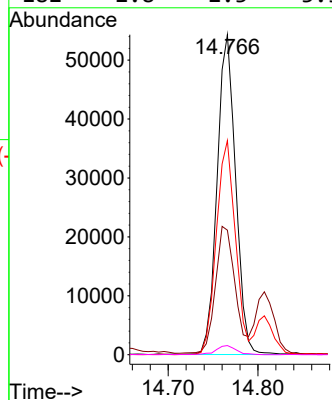
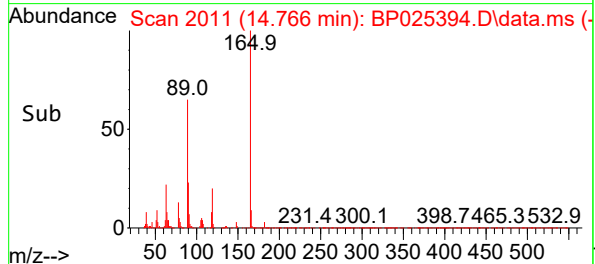


Tgt Ion:165 Resp: 77950
Ion Ratio Lower Upper
165 100
63 38.9 31.4 47.2
89 66.9 53.3 79.9
182 2.8 2.3 3.5

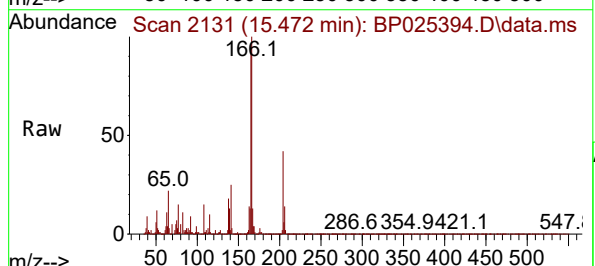
Manual Integrations

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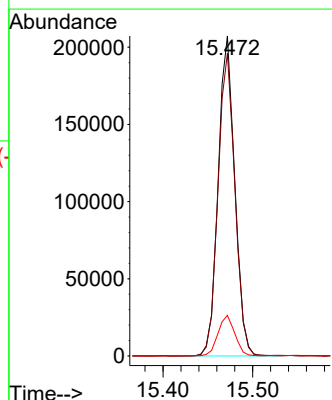
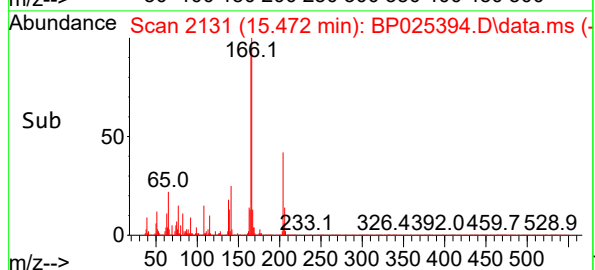
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

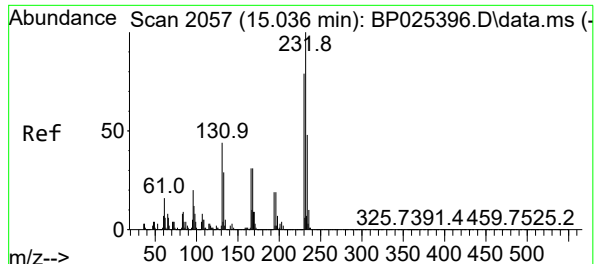


#58
Fluorene
Concen: 10.156 ng
RT: 15.472 min Scan# 2131
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56



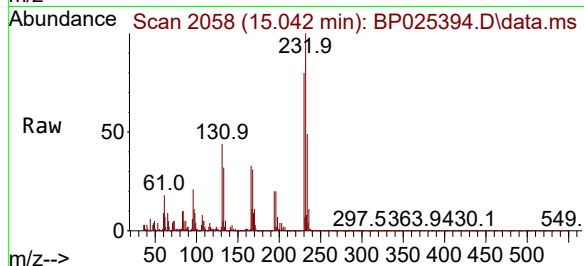
Tgt Ion:166 Resp: 266610
Ion Ratio Lower Upper
166 100
165 94.6 78.8 118.2
167 12.7 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 9.533 ng
RT: 15.042 min Scan# 2058
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

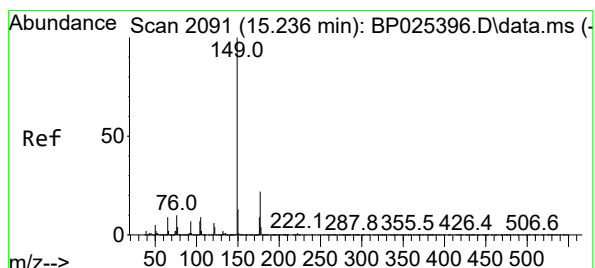
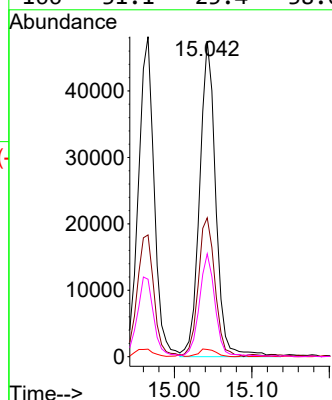
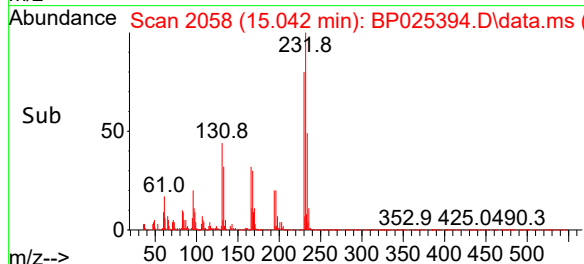
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:232 Resp: 68931
Ion Ratio Lower Upper
232 100
131 45.2 37.0 55.6
130 2.5 1.9 2.9
166 31.1 25.4 38.0

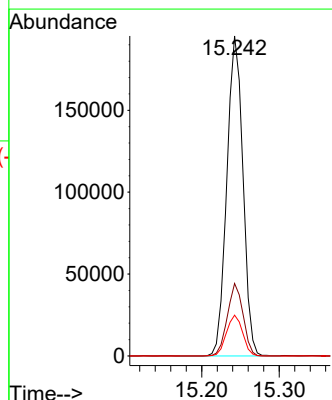
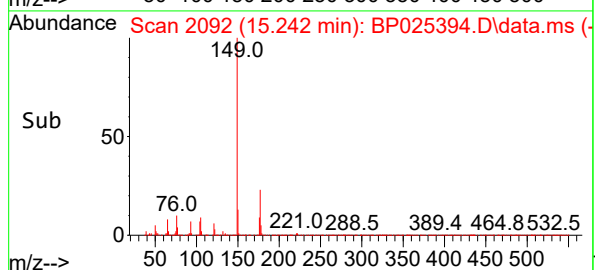
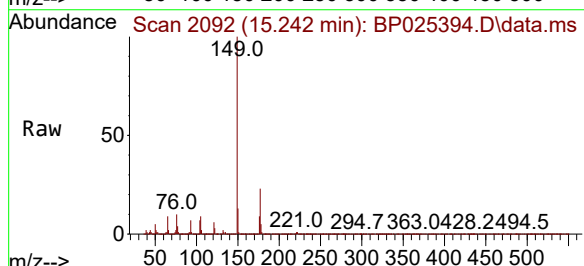
Manual Integrations
APPROVED

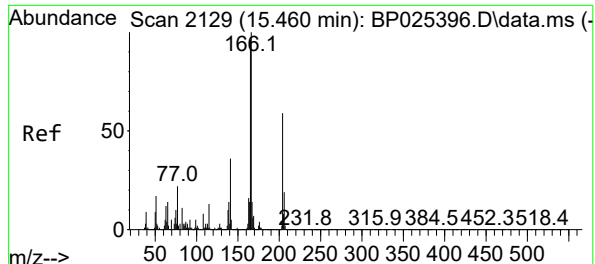
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#60
Diethylphthalate
Concen: 9.909 ng
RT: 15.242 min Scan# 2092
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:149 Resp: 282526
Ion Ratio Lower Upper
149 100
177 22.7 17.3 25.9
150 12.8 10.3 15.5





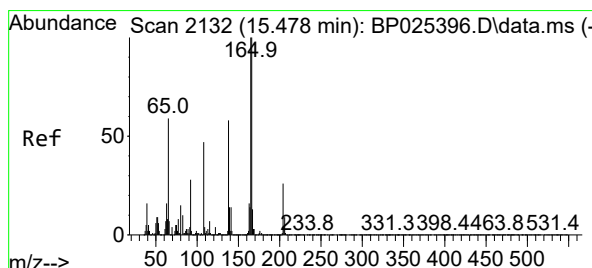
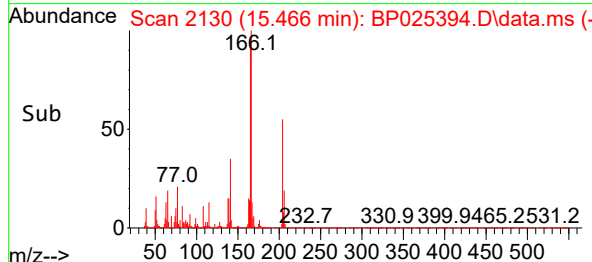
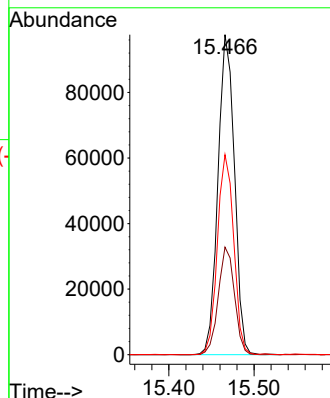
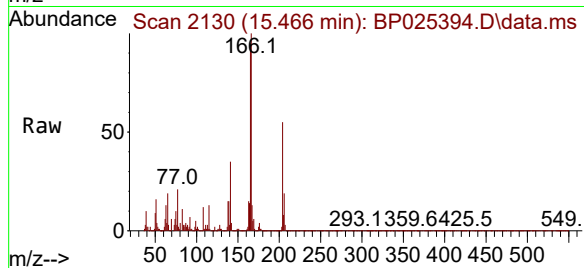
#61
4-Chlorophenyl-phenylether
Concen: 10.044 ng
RT: 15.466 min Scan# 2129
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:204 Resp: 13113
Ion Ratio Lower Upper
204 100
206 33.6 25.8 38.8
141 62.5 49.4 74.2

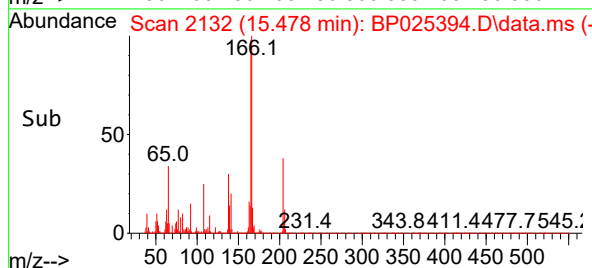
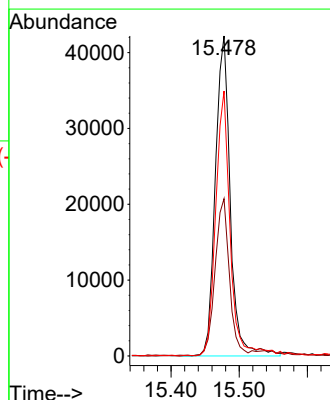
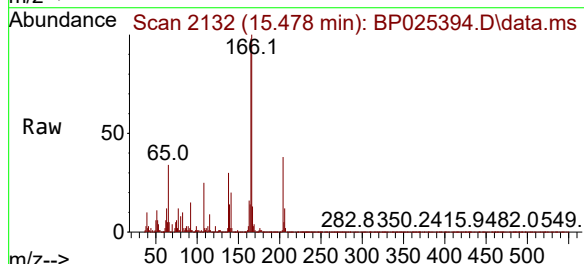
Manual Integrations
APPROVED

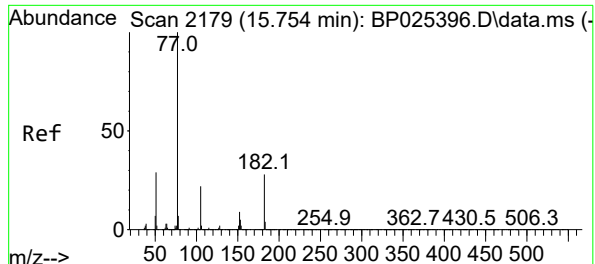
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#62
4-Nitroaniline
Concen: 9.437 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

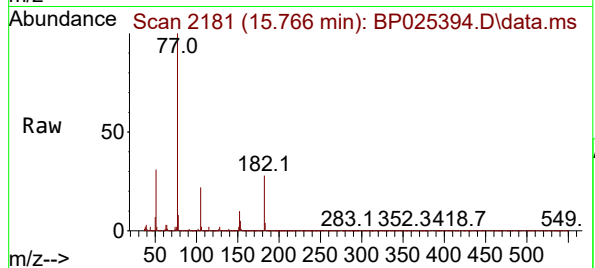
Tgt Ion:138 Resp: 64375
Ion Ratio Lower Upper
138 100
92 49.1 29.1 69.1
108 82.8 61.5 101.5





#63
Azobenzene
Concen: 9.620 ng
RT: 15.766 min Scan# 2181
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

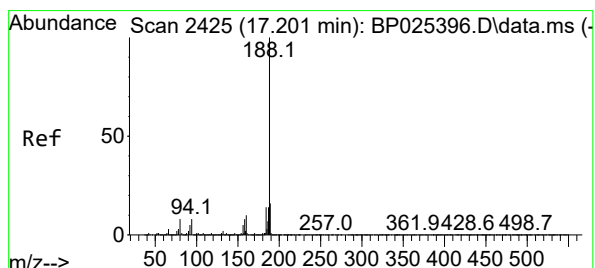
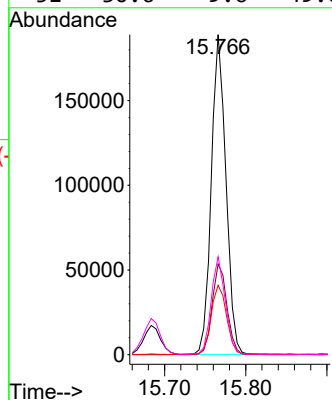
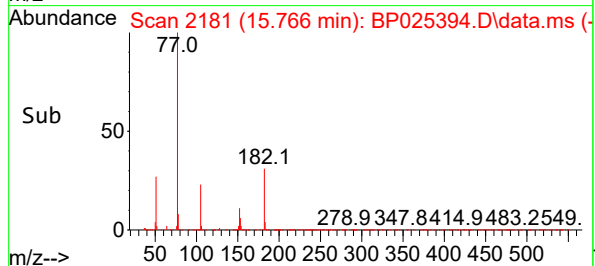
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 77 Resp: 234879
Ion Ratio Lower Upper
77 100
182 28.3 7.5 47.5
105 21.7 2.1 42.1
51 30.6 9.6 49.6

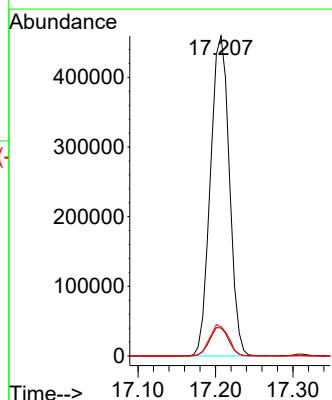
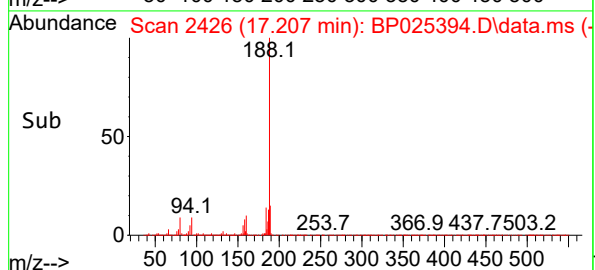
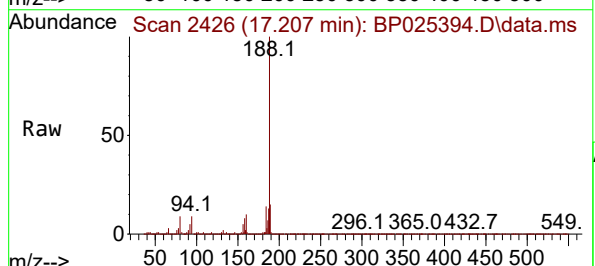
Manual Integrations
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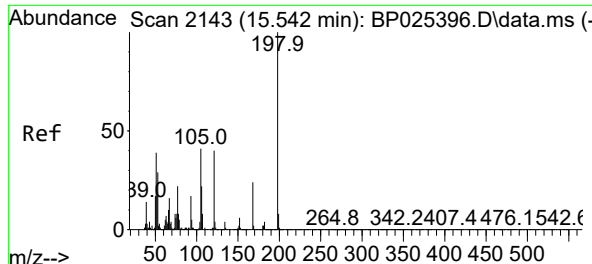
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 2426
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:188 Resp: 780940
Ion Ratio Lower Upper
188 100
94 8.7 6.6 10.0
80 9.1 6.7 10.1





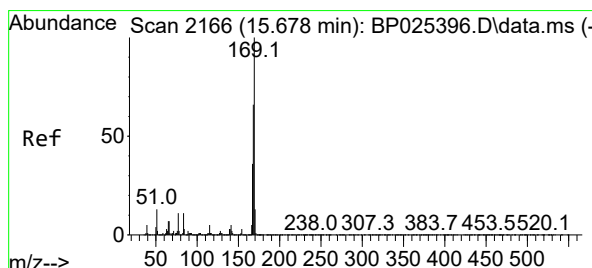
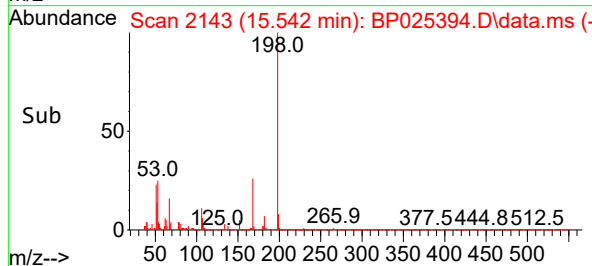
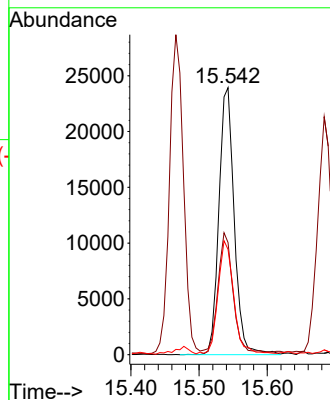
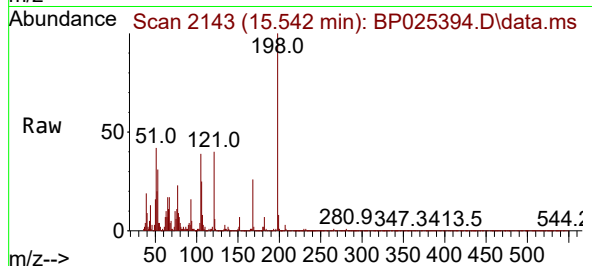
#65
4,6-Dinitro-2-methylphenol
Concen: 7.679 ng
RT: 15.542 min Scan# 2143
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:198 Resp: 37380
Ion Ratio Lower Upper
198 100
51 42.0 19.6 59.6
105 39.4 20.9 60.9

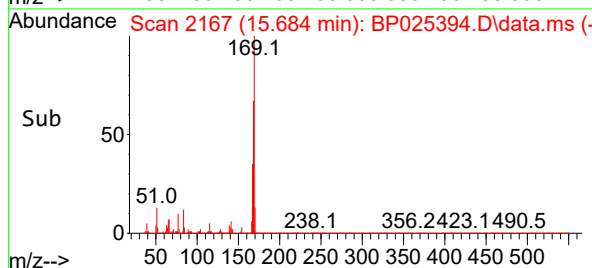
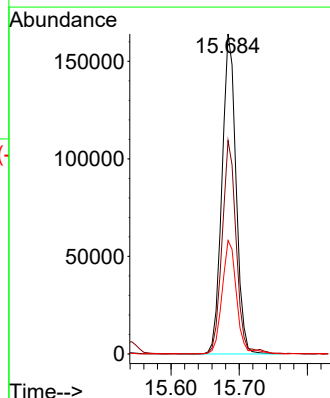
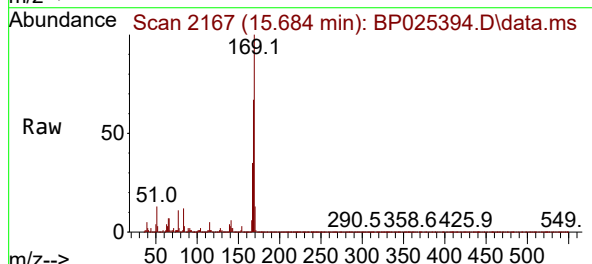
Manual Integrations
APPROVED

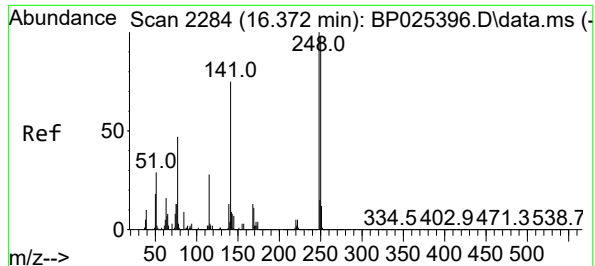
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#66
n-Nitrosodiphenylamine
Concen: 9.883 ng
RT: 15.684 min Scan# 2167
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

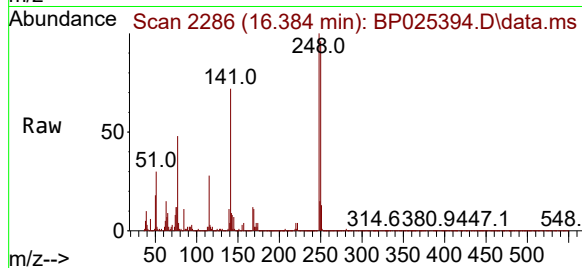
Tgt Ion:169 Resp: 235344
Ion Ratio Lower Upper
169 100
168 66.7 53.2 79.8
167 35.5 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 9.358 ng
RT: 16.384 min Scan# 2286
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

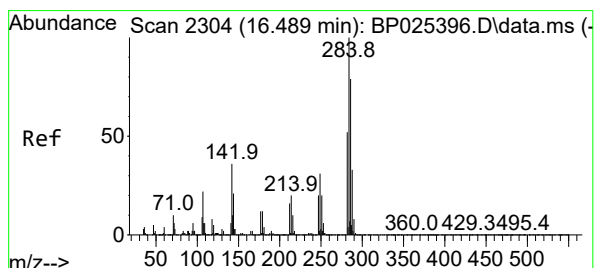
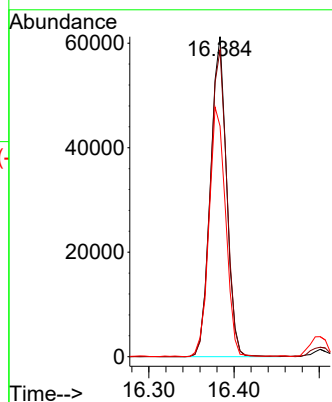
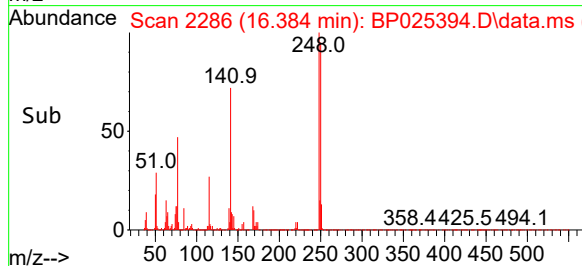
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:248 Resp: 8037
Ion Ratio Lower Upper
248 100
250 95.9 78.2 117.2
141 72.1 59.6 89.4

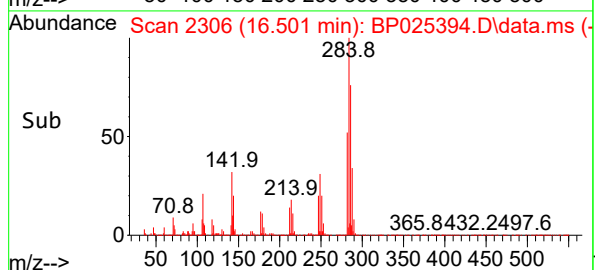
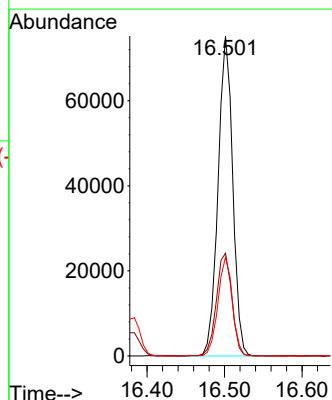
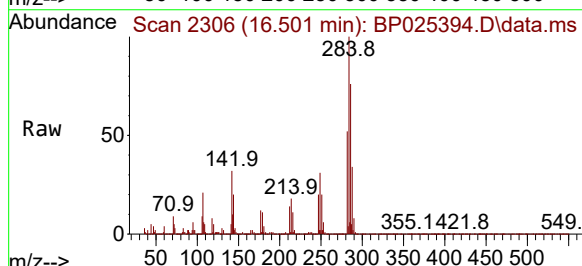
Manual Integrations
APPROVED

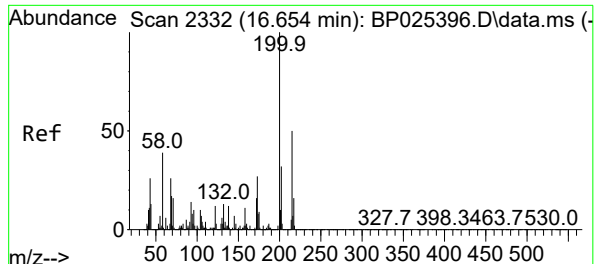
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#68
Hexachlorobenzene
Concen: 9.905 ng
RT: 16.501 min Scan# 2306
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

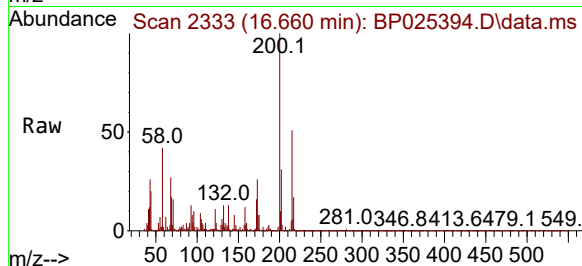
Tgt Ion:284 Resp: 98614
Ion Ratio Lower Upper
284 100
142 32.1 29.1 43.7
249 30.8 25.0 37.4





#69
Atrazine
Concen: 9.894 ng
RT: 16.660 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

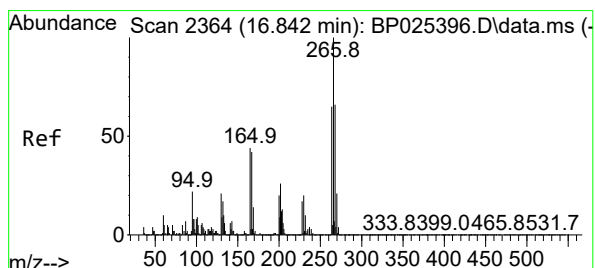
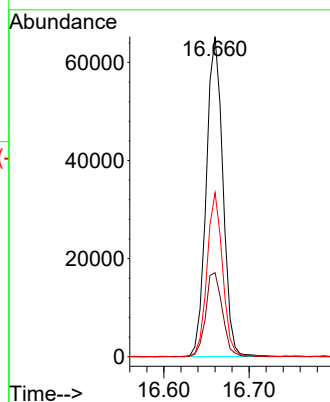
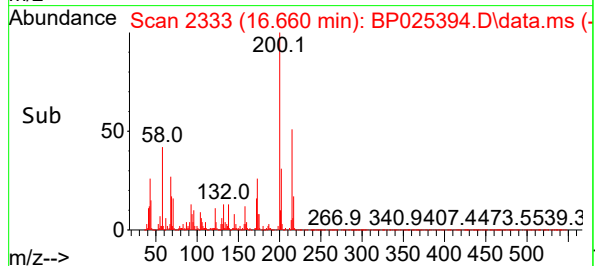
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:200 Resp: 88240
Ion Ratio Lower Upper
200 100
173 26.2 6.7 46.7
215 51.3 29.7 69.7

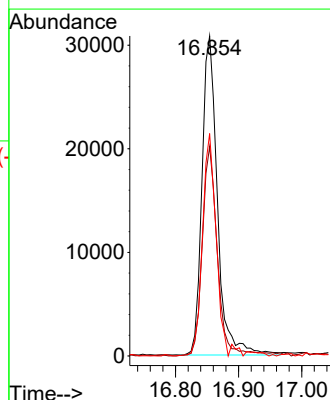
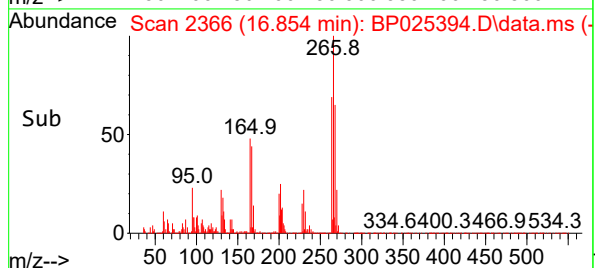
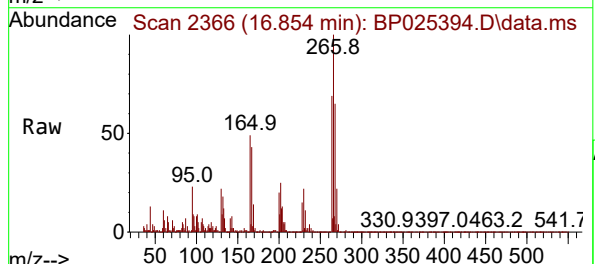
Manual Integrations
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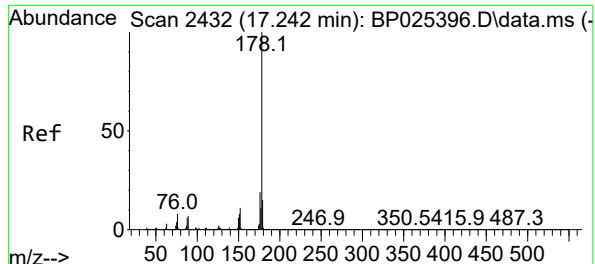
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#70
Pentachlorophenol
Concen: 8.360 ng
RT: 16.854 min Scan# 2366
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

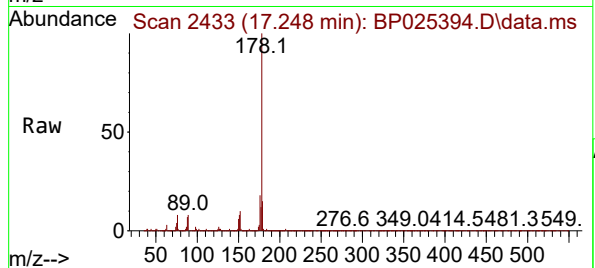
Tgt Ion:266 Resp: 52539
Ion Ratio Lower Upper
266 100
268 65.4 52.6 79.0
264 69.5 52.0 78.0





#71
Phenanthrene
Concen: 10.018 ng
RT: 17.248 min Scan# 2432
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

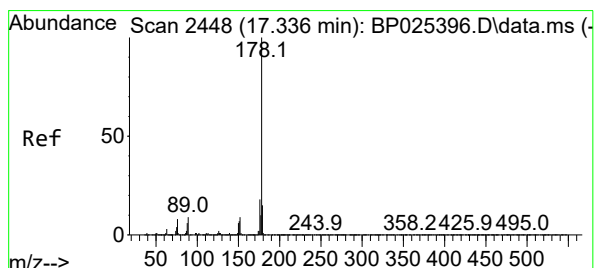
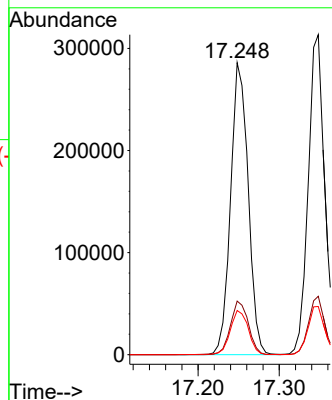
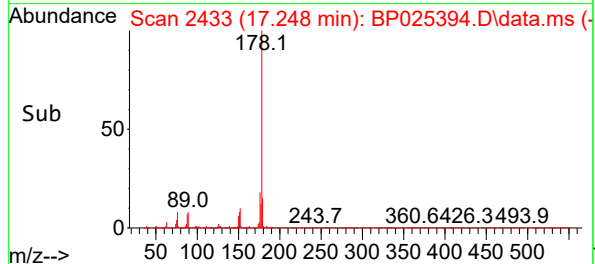
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:178 Resp: 429752
Ion Ratio Lower Upper
178 100
176 18.4 15.5 23.3
179 15.1 12.2 18.4

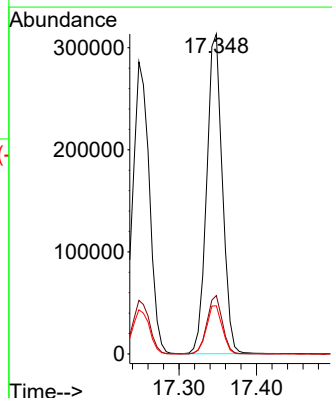
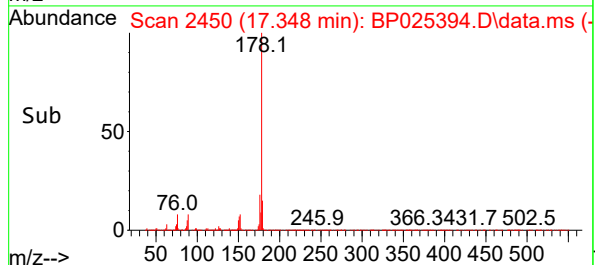
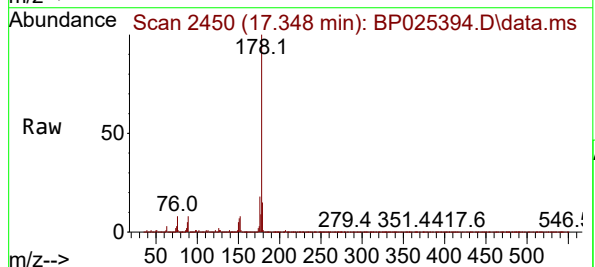
Manual Integrations
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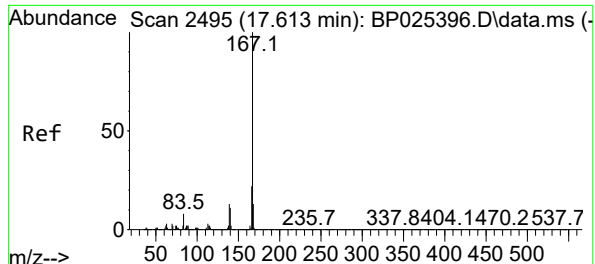
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#72
Anthracene
Concen: 10.020 ng
RT: 17.348 min Scan# 2450
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

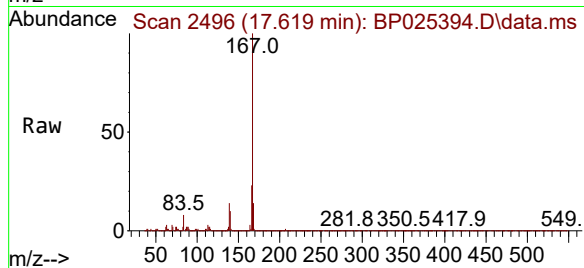
Tgt Ion:178 Resp: 438953
Ion Ratio Lower Upper
178 100
176 18.3 14.7 22.1
179 15.1 12.2 18.2





#73
Carbazole
Concen: 9.954 ng
RT: 17.619 min Scan# 2495
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

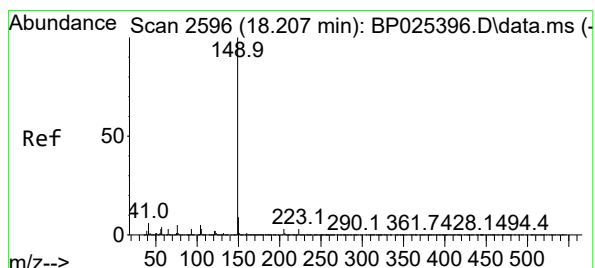
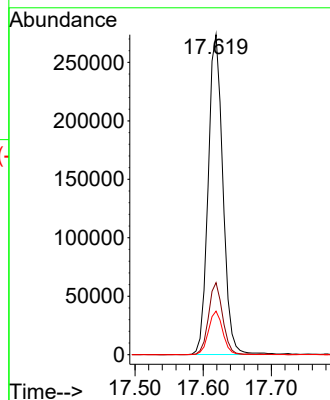
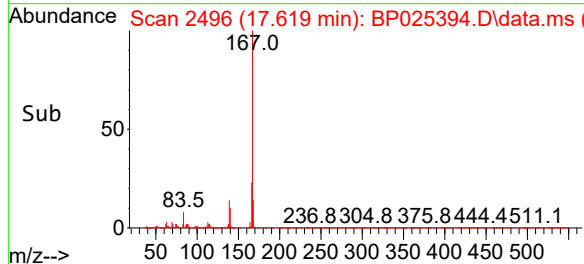
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:167 Resp: 410720
Ion Ratio Lower Upper
167 100
166 22.5 17.5 26.3
139 13.6 10.6 16.0

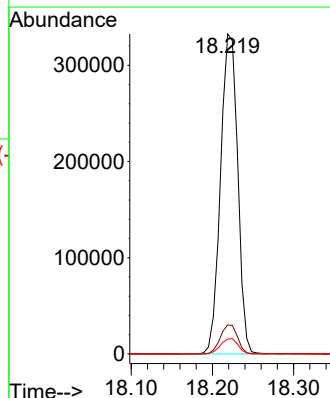
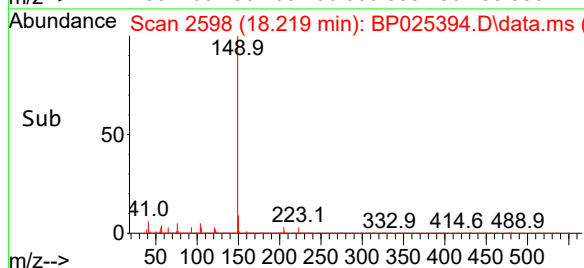
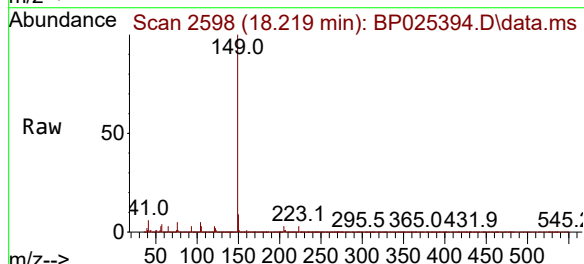
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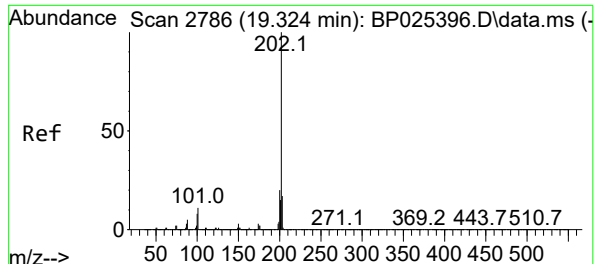
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#74
Di-n-butylphthalate
Concen: 9.656 ng
RT: 18.219 min Scan# 2598
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

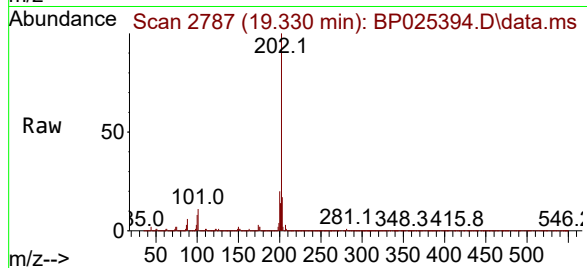
Tgt Ion:149 Resp: 490232
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 4.7 4.2 6.2





#75
Fluoranthene
Concen: 10.094 ng
RT: 19.330 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

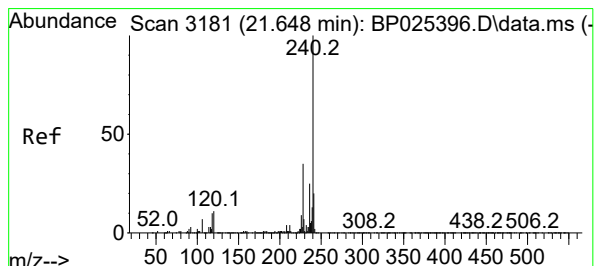
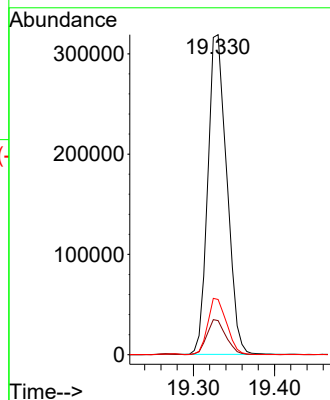
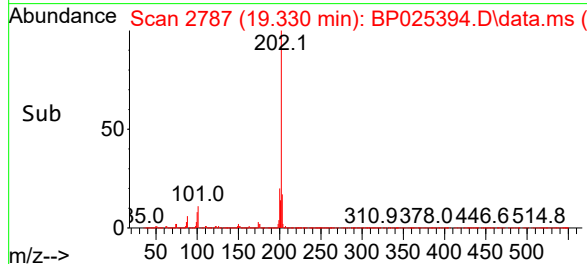
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:202 Resp: 51652
Ion Ratio Lower Upper
202 100
101 10.6 0.0 31.1
203 17.2 0.0 37.3

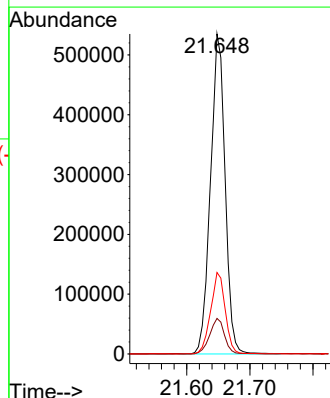
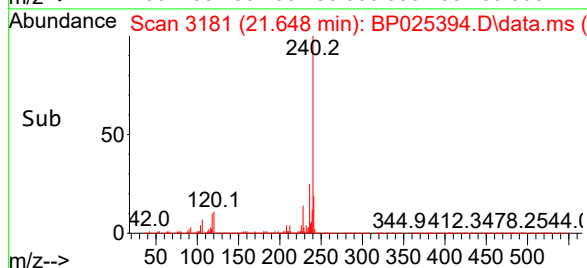
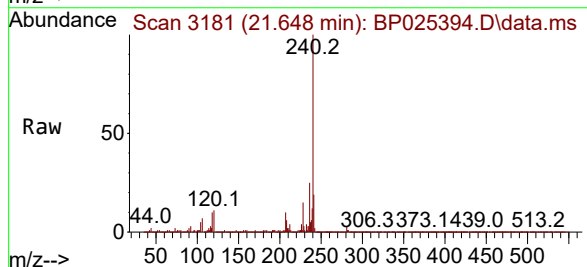
Manual Integrations
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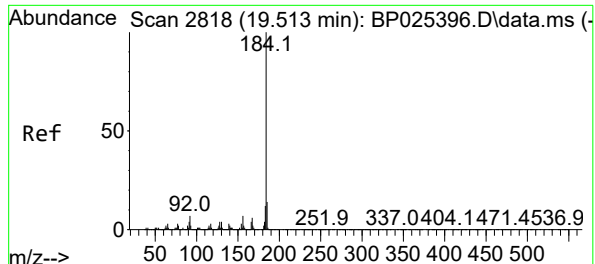
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.648 min Scan# 3181
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:240 Resp: 860386
Ion Ratio Lower Upper
240 100
120 11.1 8.9 13.3
236 25.5 19.8 29.8





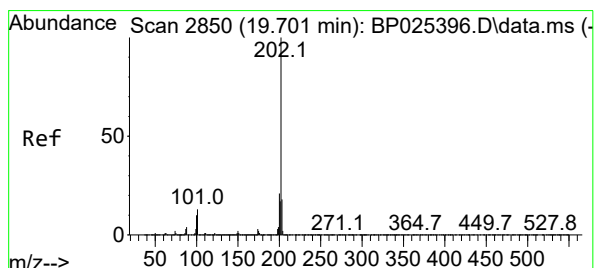
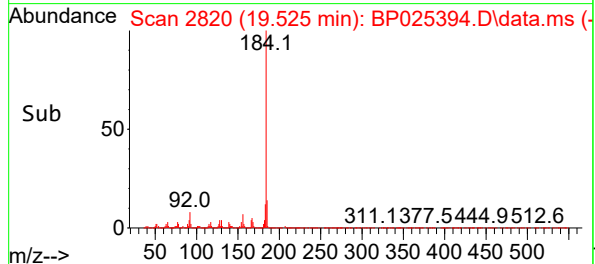
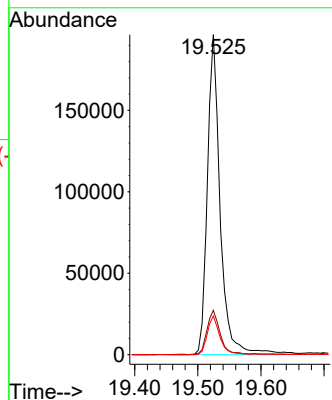
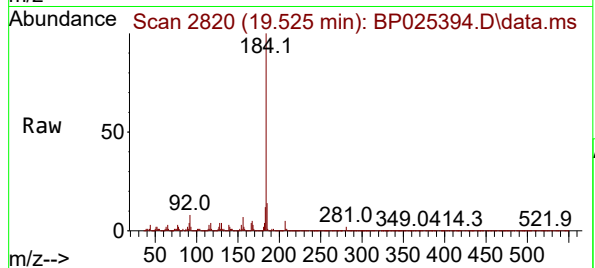
#77
Benzidine
Concen: 9.406 ng
RT: 19.525 min Scan# 2818
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:184 Resp: 27619
Ion Ratio Lower Upper
184 100
185 13.8 11.5 17.3
183 12.1 9.4 14.2

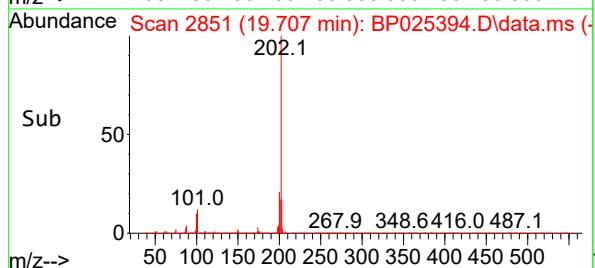
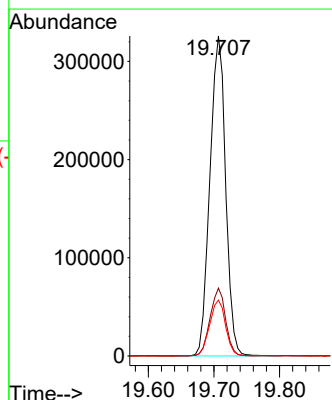
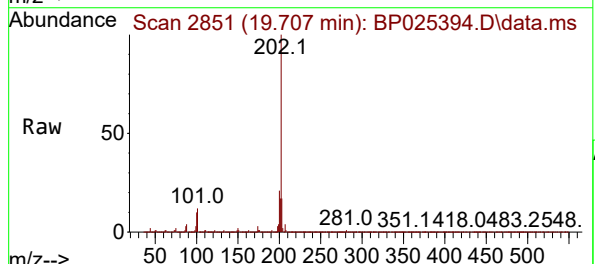
Manual Integrations
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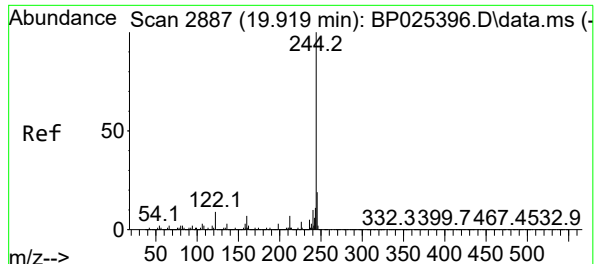
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#78
Pyrene
Concen: 9.704 ng
RT: 19.707 min Scan# 2851
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion:202 Resp: 542670
Ion Ratio Lower Upper
202 100
200 21.2 16.9 25.3
203 17.5 14.2 21.2





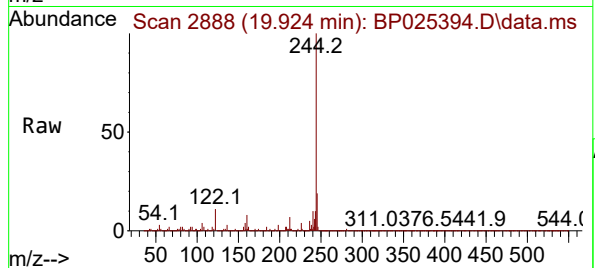
#79
Terphenyl-d14
Concen: 20.125 ng
RT: 19.924 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

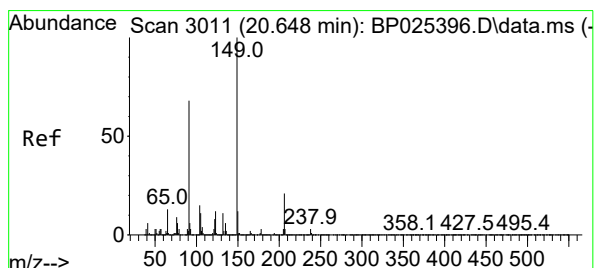
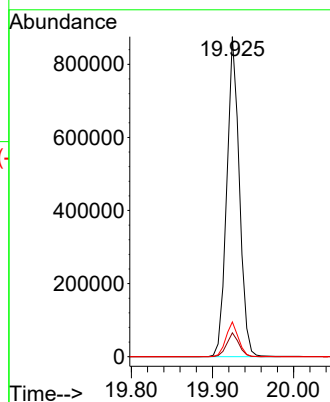
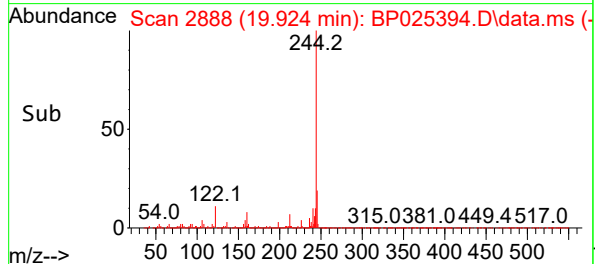


Tgt Ion:244 Resp: 94642
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 10.9 7.4 11.2

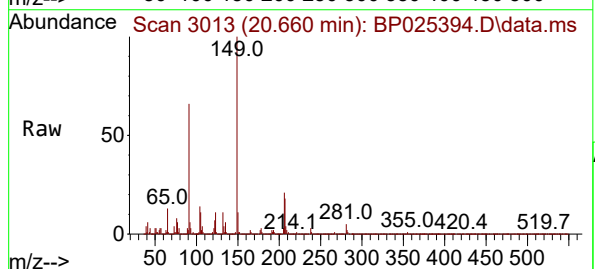
Manual Integrations

APPROVED

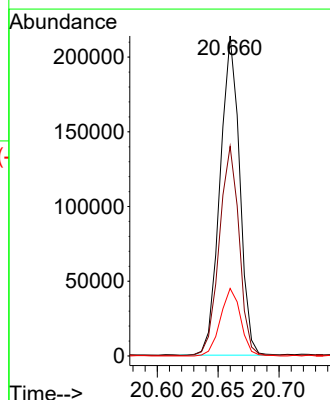
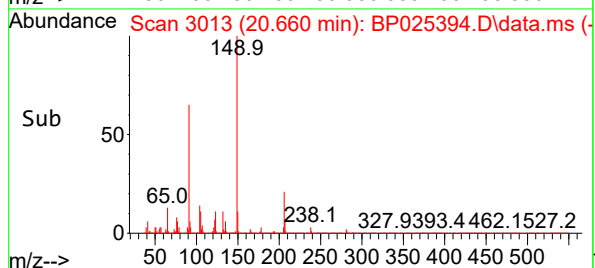
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

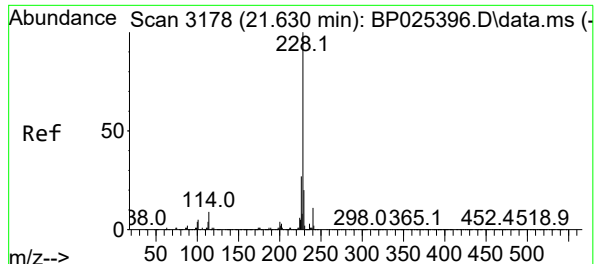


#80
Butylbenzylphthalate
Concen: 9.446 ng
RT: 20.660 min Scan# 3013
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56



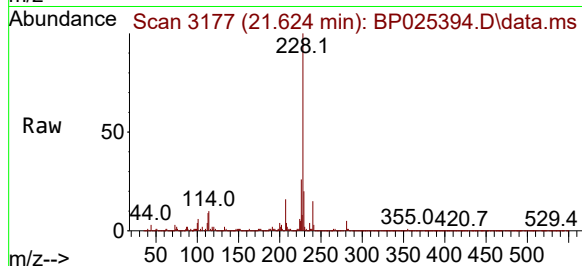
Tgt Ion:149 Resp: 239416
Ion Ratio Lower Upper
149 100
91 65.5 54.2 81.2
206 21.1 16.6 24.8





#81
Benzo(a)anthracene
Concen: 9.874 ng
RT: 21.624 min Scan# 3177
Delta R.T. -0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

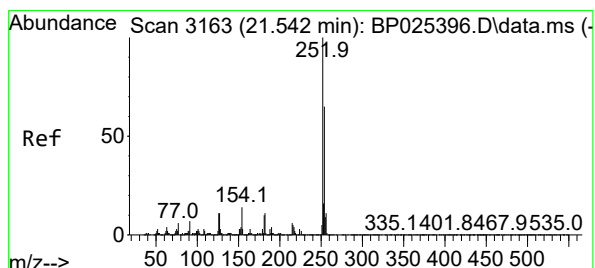
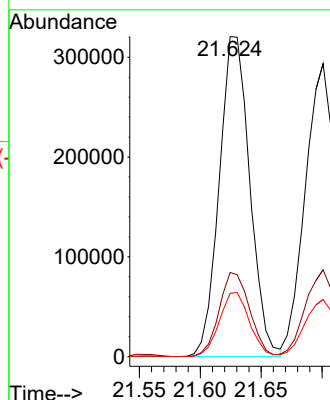
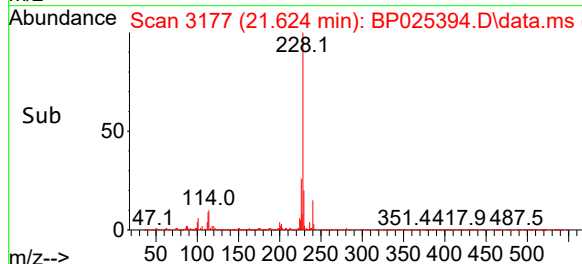
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:228 Resp: 560279
Ion Ratio Lower Upper
228 100
226 26.3 21.7 32.5
229 19.8 15.6 23.4

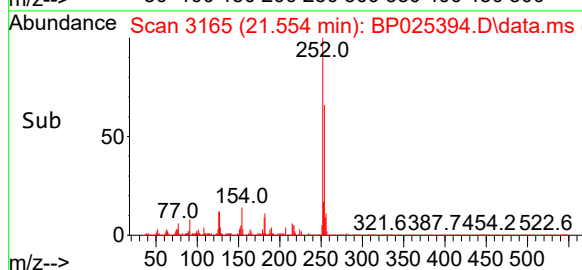
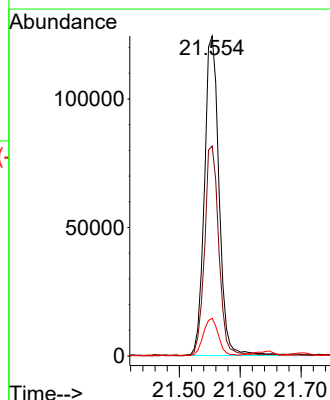
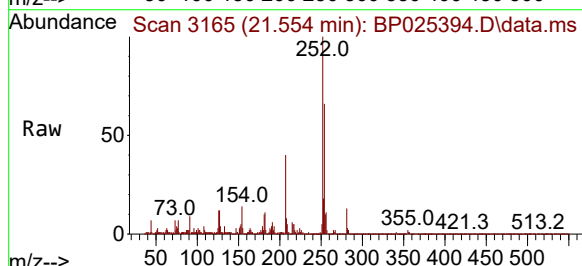
Manual Integrations
APPROVED

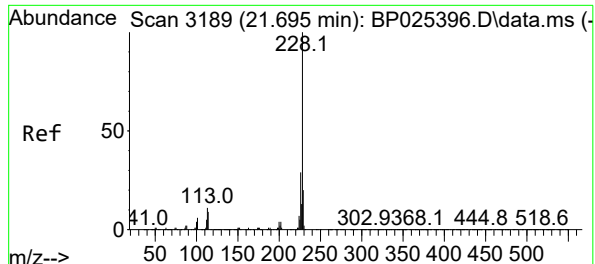
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#82
3,3'-Dichlorobenzidine
Concen: 9.686 ng
RT: 21.554 min Scan# 3165
Delta R.T. 0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

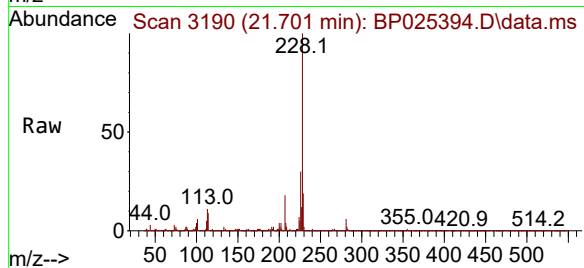
Tgt Ion:252 Resp: 207153
Ion Ratio Lower Upper
252 100
254 65.6 51.8 77.6
126 11.7 9.1 13.7





#83
Chrysene
Concen: 9.831 ng
RT: 21.701 min Scan# 3189
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

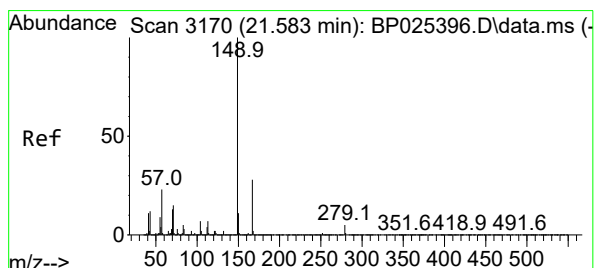
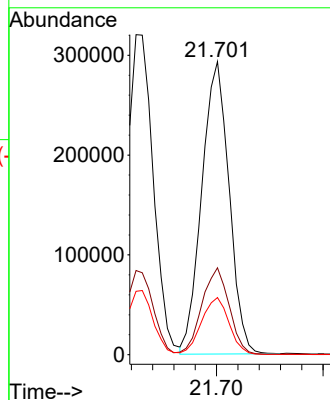
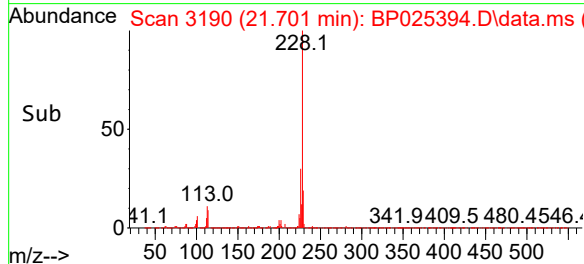
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:228 Resp: 52241
Ion Ratio Lower Upper
228 100
226 29.6 23.2 34.8
229 19.5 15.6 23.4

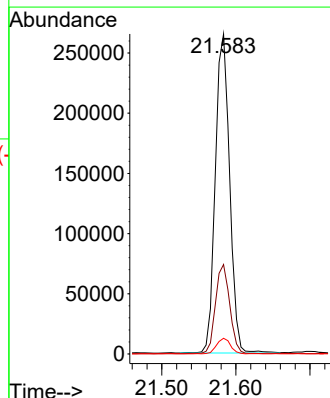
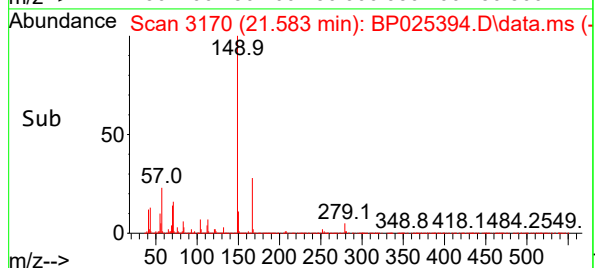
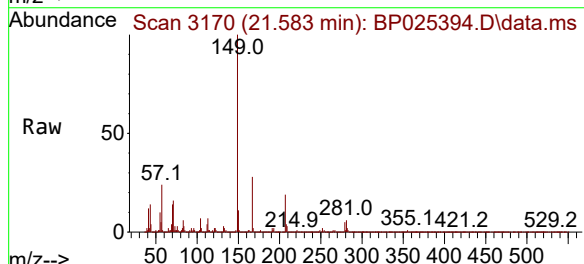
Manual Integrations
APPROVED

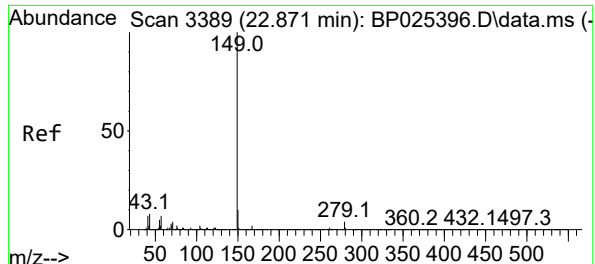
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 9.529 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

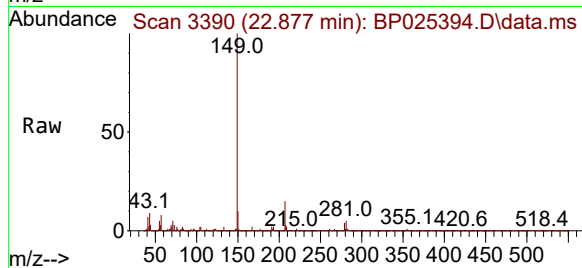
Tgt Ion:149 Resp: 355530
Ion Ratio Lower Upper
149 100
167 27.9 22.1 33.1
279 4.9 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 9.259 ng
RT: 22.877 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

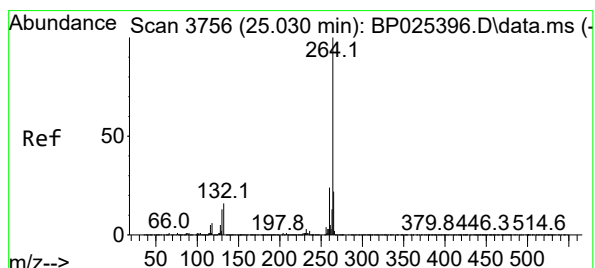
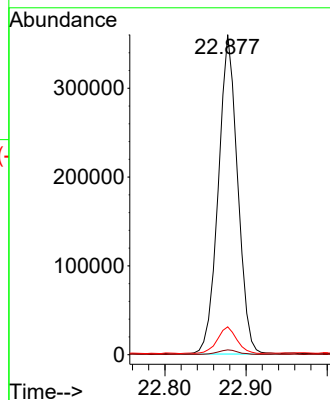
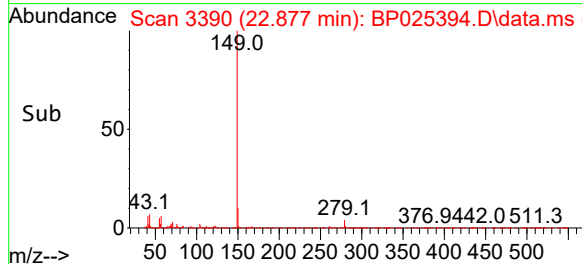
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



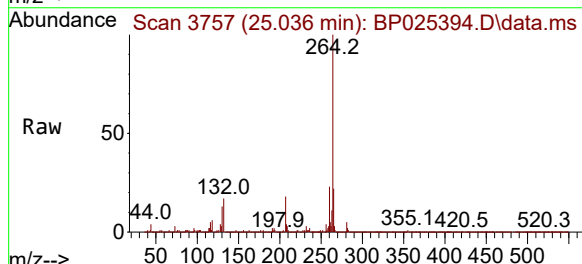
Tgt Ion:149 Resp: 59419
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 8.4 6.3 9.5

Manual Integrations
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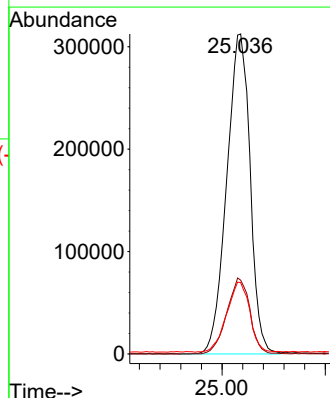
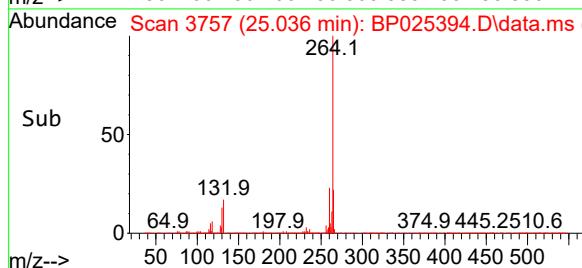
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

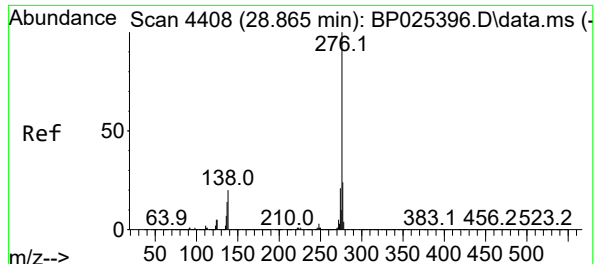


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.036 min Scan# 3757
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56



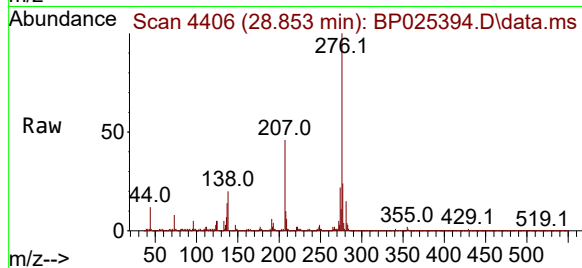
Tgt Ion:264 Resp: 980670
Ion Ratio Lower Upper
264 100
260 23.0 19.3 28.9
265 22.3 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 9.438 ng m
RT: 28.853 min Scan# 4408
Delta R.T. -0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

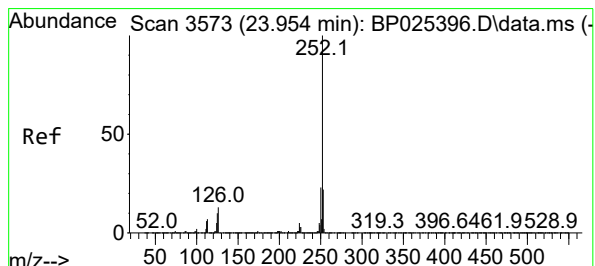
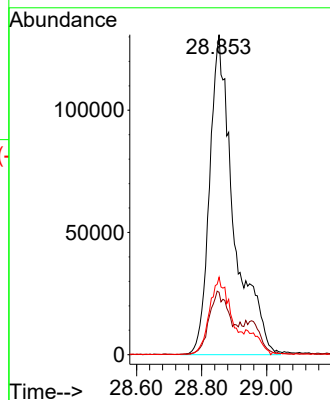
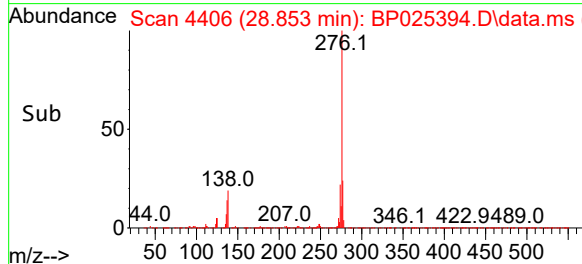
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 276 Resp: 678980
Ion Ratio Lower Upper
276 100
138 16.7 12.9 19.3
277 21.1 17.0 25.6

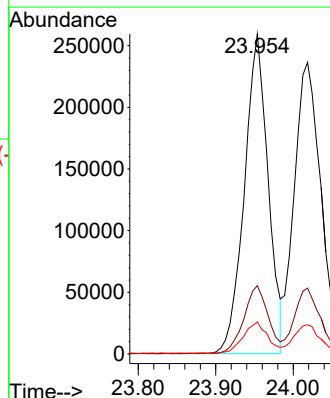
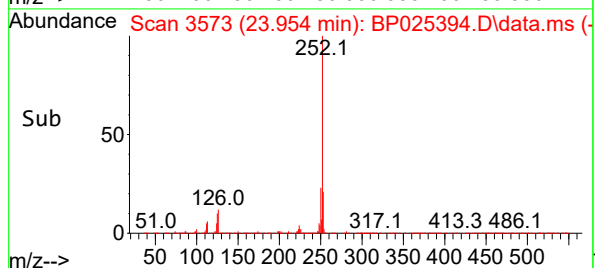
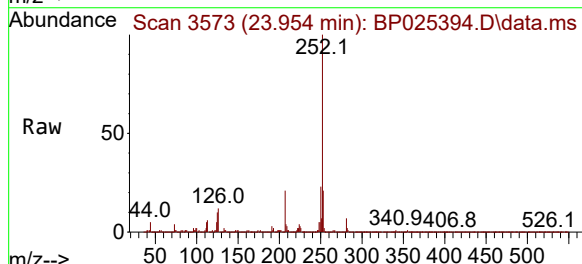
Manual Integrations
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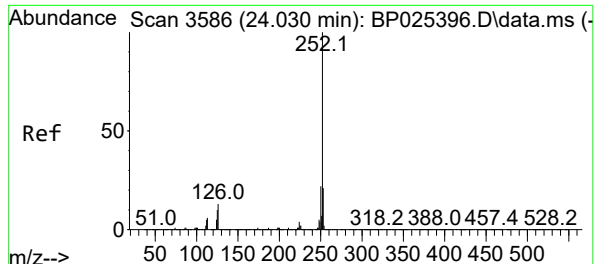
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#88
Benzo(b)fluoranthene
Concen: 9.549 ng
RT: 23.954 min Scan# 3573
Delta R.T. 0.000 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

Tgt Ion: 252 Resp: 552191
Ion Ratio Lower Upper
252 100
253 21.4 17.7 26.5
125 10.0 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 9.800 ng

RT: 24.018 min Scan# 3586

Delta R.T. -0.012 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:252 Resp: 567080

Ion Ratio Lower Upper

252 100

253 22.6 17.1 25.7

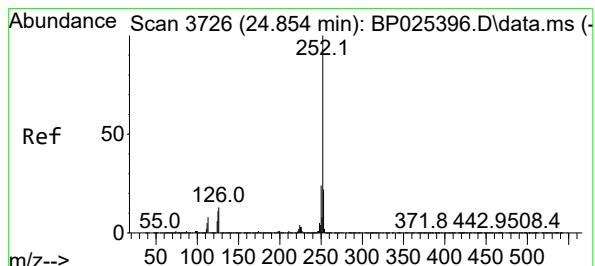
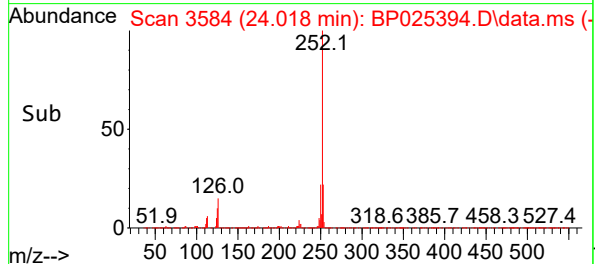
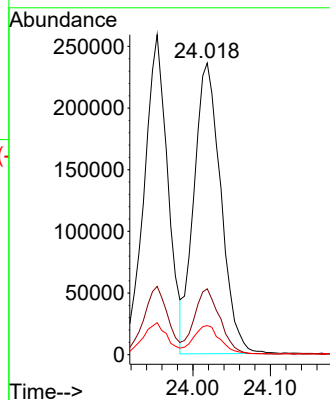
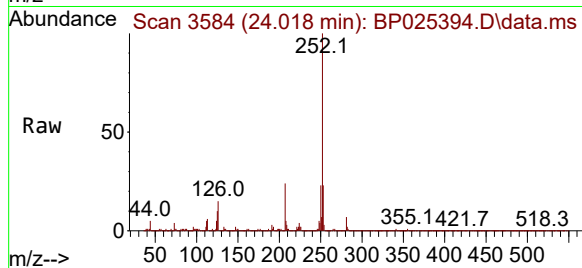
125 10.0 7.8 11.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#90

Benzo(a)pyrene

Concen: 9.519 ng

RT: 24.854 min Scan# 3726

Delta R.T. 0.000 min

Lab File: BP025394.D

Acq: 14 Aug 2025 13:56

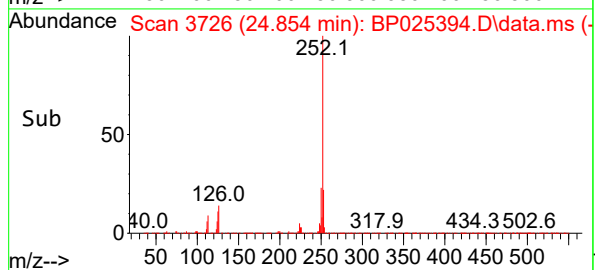
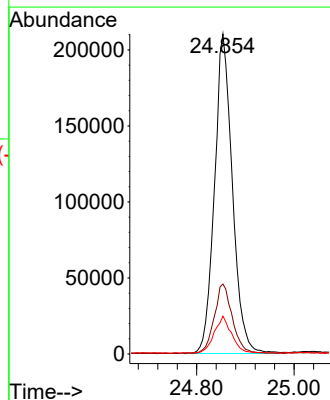
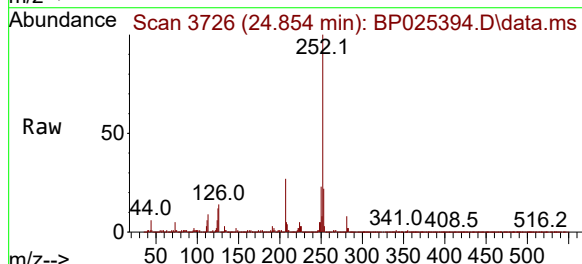
Tgt Ion:252 Resp: 535820

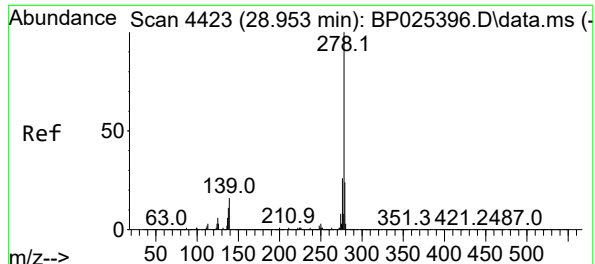
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

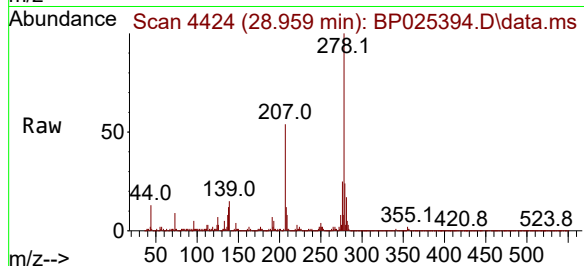
125 11.8 8.7 13.1





#91
Dibenzo(a,h)anthracene
Concen: 9.387 ng
RT: 28.959 min Scan# 4423
Delta R.T. 0.006 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56

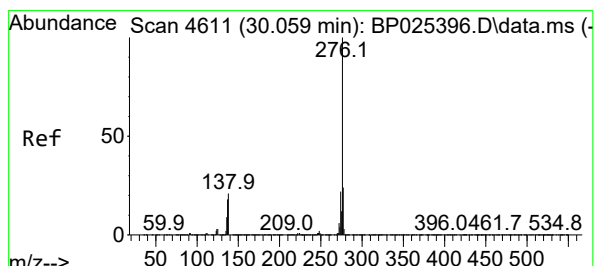
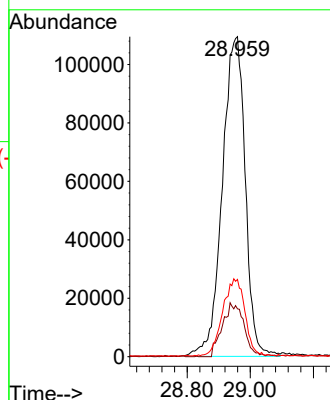
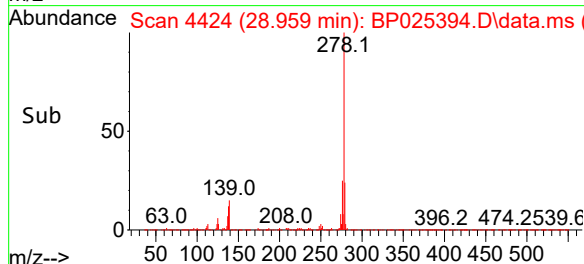
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



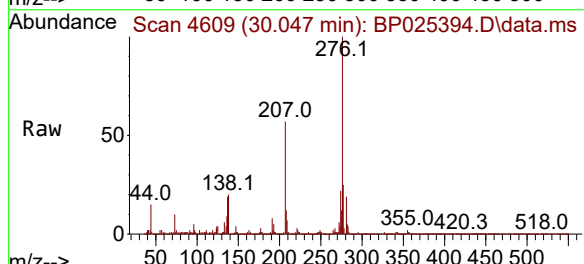
Tgt Ion: 278 Resp: 551694
Ion Ratio Lower Upper
278 100
139 15.0 13.0 19.4
279 24.2 19.4 29.2

Manual Integrations
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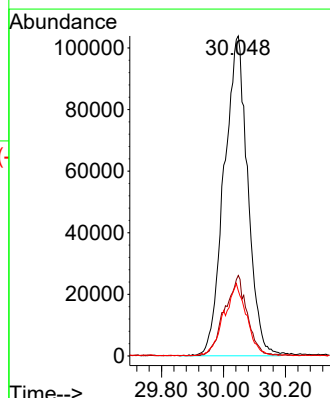
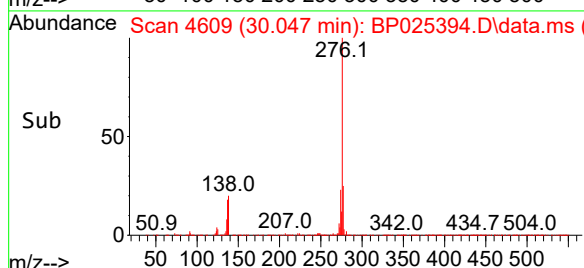
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#92
Benzo(g,h,i)perylene
Concen: 9.489 ng
RT: 30.047 min Scan# 4609
Delta R.T. -0.012 min
Lab File: BP025394.D
Acq: 14 Aug 2025 13:56



Tgt Ion: 276 Resp: 548117
Ion Ratio Lower Upper
276 100
277 25.1 19.4 29.0
138 20.4 16.7 25.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025395.D
 Acq On : 14 Aug 2025 14:38
 Operator : CG/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 17:54:49 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 17:44:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	141721	20.000	ng	0.00
21) Naphthalene-d8	10.560	136	603797	20.000	ng	0.00
39) Acenaphthene-d10	14.413	164	399034	20.000	ng	0.00
64) Phenanthrene-d10	17.213	188	785736	20.000	ng	0.01
76) Chrysene-d12	21.654	240	852065	20.000	ng	0.00
86) Perylene-d12	25.036	264	958651	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	338568	39.674	ng	0.00
7) Phenol-d6	6.966	99	434388	39.702	ng	0.00
23) Nitrobenzene-d5	8.931	82	473937	39.706	ng	0.00
42) 2,4,6-Tribromophenol	15.925	330	212968	39.651	ng	0.01
45) 2-Fluorobiphenyl	13.025	172	1203064	41.205	ng	0.00
79) Terphenyl-d14	19.930	244	1869951	40.152	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.331	88	67276	20.126	ng	99
3) Pyridine	3.731	79	177948	19.450	ng	98
4) n-Nitrosodimethylamine	3.637	42	72627	19.255	ng	# 96
6) Aniline	7.125	93	287645	19.513	ng	99
8) 2-Chlorophenol	7.366	128	190858	19.819	ng	99
9) Benzaldehyde	6.937	77	135464	17.672	ng	99
10) Phenol	6.990	94	228580	19.910	ng	98
11) bis(2-Chloroethyl)ether	7.219	93	180390	20.159	ng	98
12) 1,3-Dichlorobenzene	7.684	146	213023	20.061	ng	99
13) 1,4-Dichlorobenzene	7.825	146	216400	19.938	ng	99
14) 1,2-Dichlorobenzene	8.143	146	211243	20.106	ng	99
15) Benzyl Alcohol	8.019	79	170736	19.640	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.307	45	242616	20.240	ng	99
17) 2-Methylphenol	8.225	107	159119	19.956	ng	98
18) Hexachloroethane	8.866	117	78205	19.597	ng	94
19) n-Nitroso-di-n-propyla...	8.584	70	149715	20.633	ng	97
20) 3+4-Methylphenols	8.543	107	217240	19.655	ng	98
22) Acetophenone	8.596	105	305812	20.196	ng	99
24) Nitrobenzene	8.972	77	210234	19.708	ng	100
25) Isophorone	9.496	82	422370	19.995	ng	99
26) 2-Nitrophenol	9.678	139	106805	19.509	ng	98
27) 2,4-Dimethylphenol	9.743	122	178534	18.963	ng	99
28) bis(2-Chloroethoxy)met...	9.972	93	256656	20.100	ng	99
29) 2,4-Dichlorophenol	10.207	162	186076	19.896	ng	99
30) 1,2,4-Trichlorobenzene	10.425	180	201995	19.702	ng	98
31) Naphthalene	10.613	128	625899	19.944	ng	99
32) Benzoic acid	9.843	122	124836m	18.004	ng	
33) 4-Chloroaniline	10.713	127	270158	19.489	ng	99
34) Hexachlorobutadiene	10.901	225	127593	19.983	ng	99
35) Caprolactam	11.484	113	66168	19.294	ng	95
36) 4-Chloro-3-methylphenol	11.837	107	209817	19.551	ng	97
37) 2-Methylnaphthalene	12.219	142	409613	20.057	ng	99
38) 1-Methylnaphthalene	12.443	142	430666	19.829	ng	100
40) 1,2,4,5-Tetrachloroben...	12.590	216	233523	20.263	ng	99
41) Hexachlorocyclopentadiene	12.572	237	124759	17.922	ng	98
43) 2,4,6-Trichlorophenol	12.831	196	152031	19.540	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025395.D
 Acq On : 14 Aug 2025 14:38
 Operator : CG/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 17:54:49 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 17:44:43 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	169197	19.842	ng	98
46) 1,1'-Biphenyl	13.237	154	581464	20.064	ng	100
47) 2-Chloronaphthalene	13.272	162	456552	20.237	ng	98
48) 2-Nitroaniline	13.478	65	126433	19.233	ng	99
49) Acenaphthylene	14.137	152	737527	19.756	ng	99
50) Dimethylphthalate	13.866	163	573661	19.632	ng	100
51) 2,6-Dinitrotoluene	13.966	165	120693	19.597	ng	96
52) Acenaphthene	14.484	154	438852m	20.027	ng	
53) 3-Nitroaniline	14.301	138	134502	19.410	ng	97
54) 2,4-Dinitrophenol	14.519	184	55713	16.939	ng	98
55) Dibenzofuran	14.819	168	692966	20.002	ng	99
56) 4-Nitrophenol	14.619	139	105787	18.578	ng	98
57) 2,4-Dinitrotoluene	14.772	165	172020	19.576	ng	96
58) Fluorene	15.478	166	554647	20.289	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.048	232	145926	19.381	ng	99
60) Diethylphthalate	15.248	149	584590	19.689	ng	99
61) 4-Chlorophenyl-phenyle...	15.472	204	270949	19.929	ng	98
62) 4-Nitroaniline	15.478	138	139202	19.595	ng	100
63) Azobenzene	15.766	77	508563	20.004	ng	100
65) 4,6-Dinitro-2-methylph...	15.548	198	88992	18.169	ng	97
66) n-Nitrosodiphenylamine	15.684	169	477080	19.911	ng	99
67) 4-Bromophenyl-phenylether	16.389	248	170738	19.758	ng	97
68) Hexachlorobenzene	16.495	284	199410	19.906	ng	99
69) Atrazine	16.666	200	179513	20.006	ng	99
70) Pentachlorophenol	16.848	266	120958	19.128	ng	99
71) Phenanthrene	17.254	178	872890	20.223	ng	99
72) Anthracene	17.342	178	890292	20.198	ng	100
73) Carbazole	17.625	167	843970	20.328	ng	99
74) Di-n-butylphthalate	18.219	149	1046709	20.491	ng	100
75) Fluoranthene	19.342	202	1058912	20.567	ng	99
77) Benzidine	19.525	184	546647	18.799	ng	99
78) Pyrene	19.713	202	1096965	19.807	ng	99
80) Butylbenzylphthalate	20.666	149	504019	20.081	ng	97
81) Benzo(a)anthracene	21.630	228	1118590	19.906	ng	100
82) 3,3'-Dichlorobenzidine	21.548	252	432075	20.399	ng	100
83) Chrysene	21.707	228	1063898	20.216	ng	99
84) Bis(2-ethylhexyl)phtha...	21.577	149	744704	20.155	ng	99
85) Di-n-octyl phthalate	22.871	149	1276798	20.091	ng	100
87) Indeno(1,2,3-cd)pyrene	28.865	276	1380331m	19.627	ng	
88) Benzo(b)fluoranthene	23.948	252	1122408	19.855	ng	100
89) Benzo(k)fluoranthene	24.018	252	1150366	20.336	ng	100
90) Benzo(a)pyrene	24.854	252	1102804	20.041	ng	100
91) Dibenzo(a,h)anthracene	28.965	278	1130209	19.672	ng	98
92) Benzo(g,h,i)perylene	30.053	276	1120307	19.840	ng	99

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

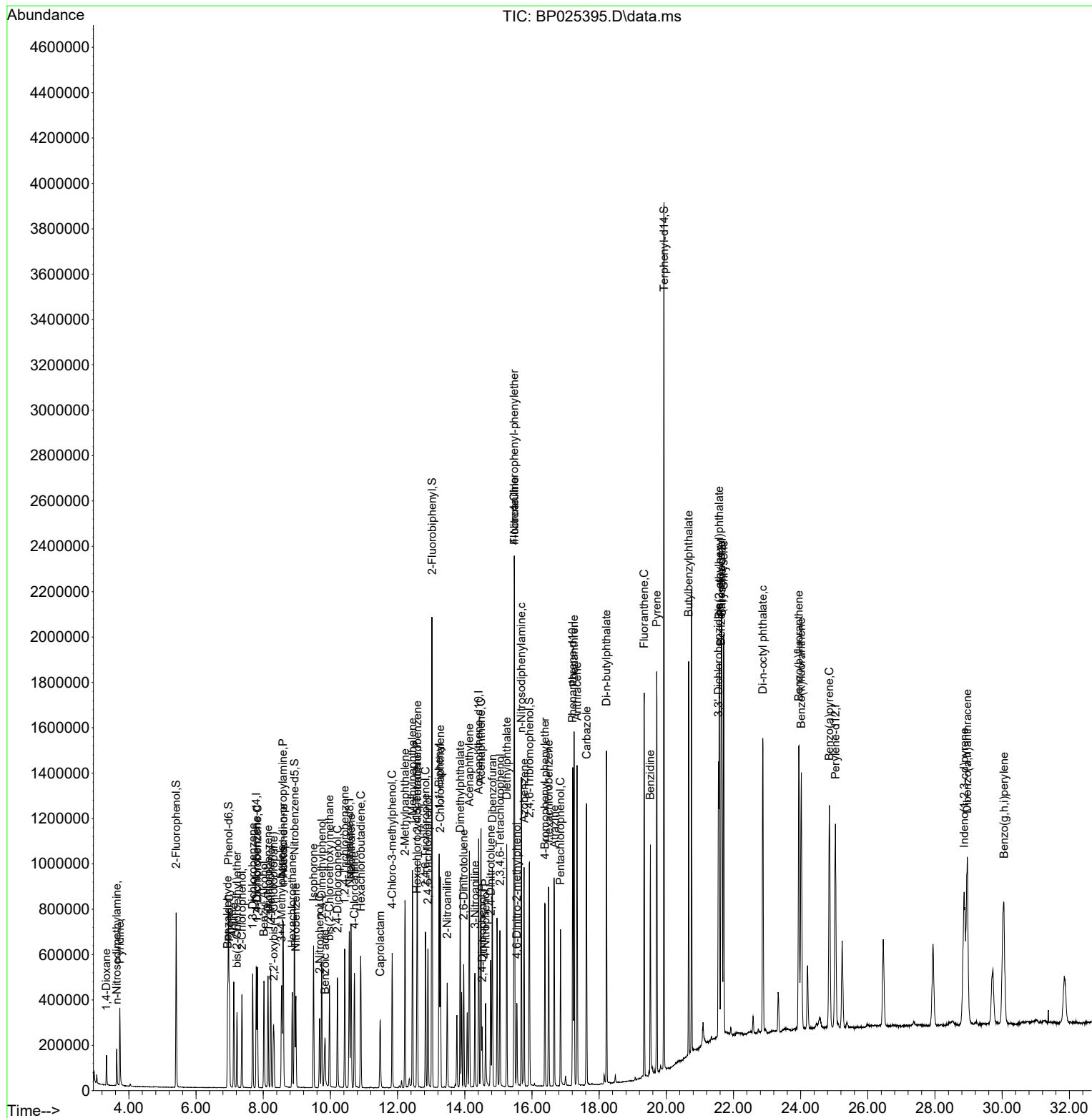

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Data File : BP025395.D  
Acq On    : 14 Aug 2025  14:38  
Operator  : CG/JU  
Sample    : SSTDICC020  
Misc      :  
ALS Vial  : 6    Sample Multiplier: 1
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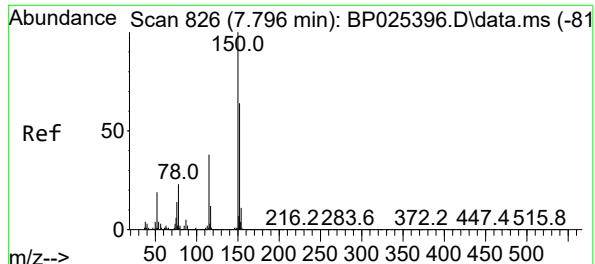
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jaagrut Upadhyay 08/15/2025

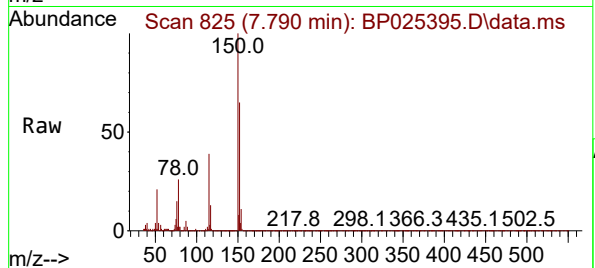
Quant Time: Aug 14 17:54:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

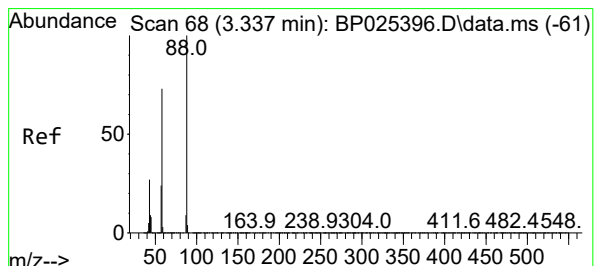
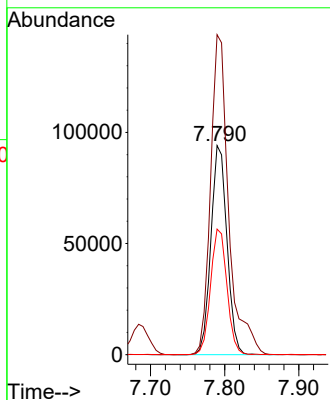
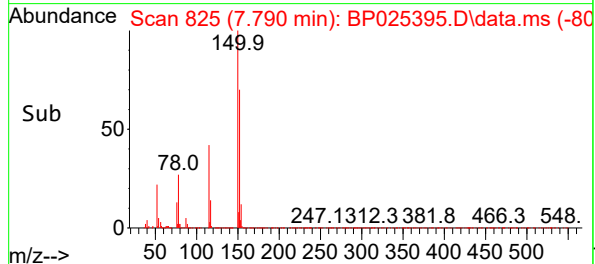
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:152 Resp: 14172
Ion Ratio Lower Upper
152 100
150 153.0 125.9 188.9
115 60.0 48.5 72.7

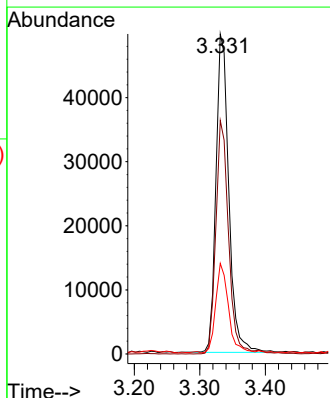
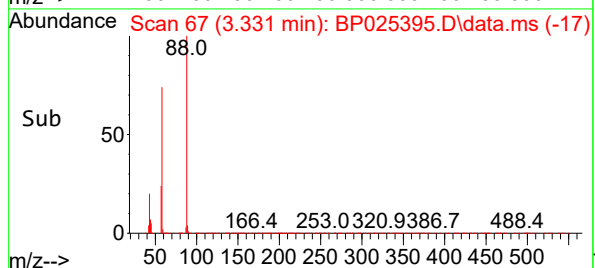
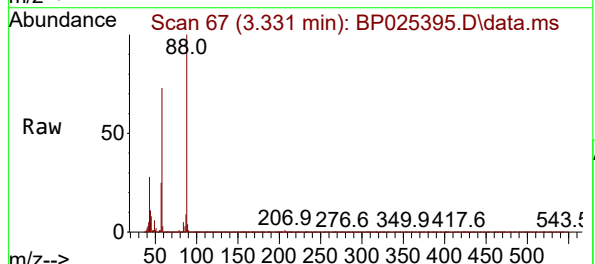
Manual Integrations
APPROVED

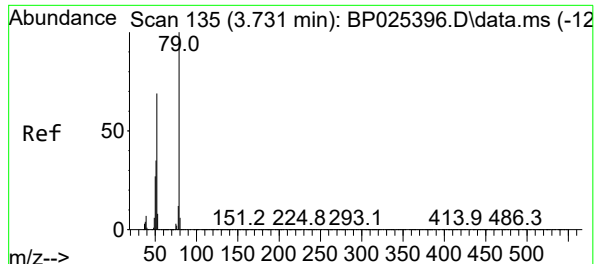
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#2
1,4-Dioxane
Concen: 20.126 ng
RT: 3.331 min Scan# 67
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion: 88 Resp: 67276
Ion Ratio Lower Upper
88 100
58 73.2 59.2 88.8
43 27.9 21.7 32.5





#3

Pyridine

Concen: 19.450 ng

RT: 3.731 min Scan# 119

Delta R.T. 0.000 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion: 79 Resp: 17794

Ion Ratio Lower Upper

79 100

52 71.9 55.5 83.3

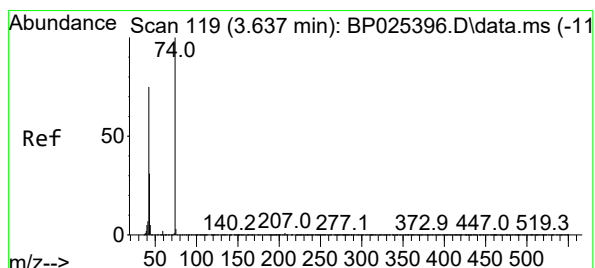
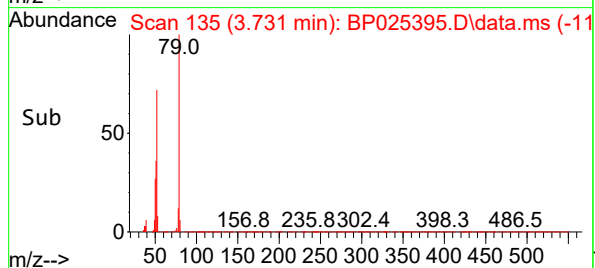
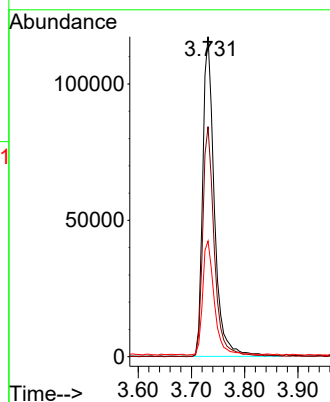
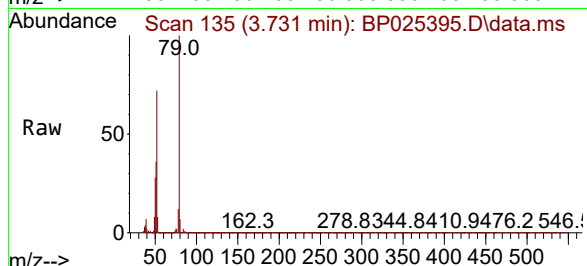
51 36.1 28.3 42.5

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#4

n-Nitrosodimethylamine

Concen: 19.255 ng

RT: 3.637 min Scan# 119

Delta R.T. 0.000 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

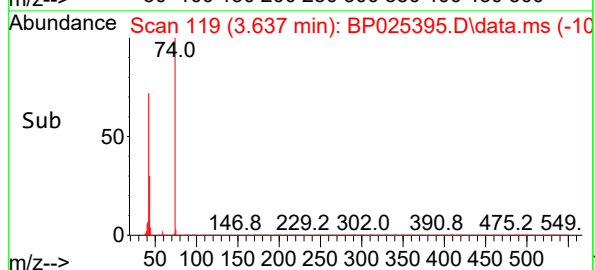
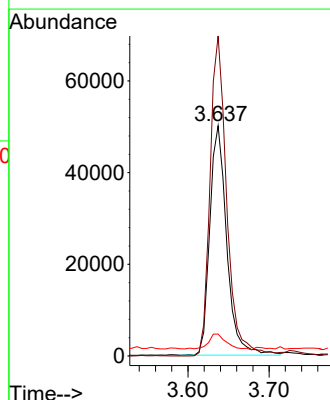
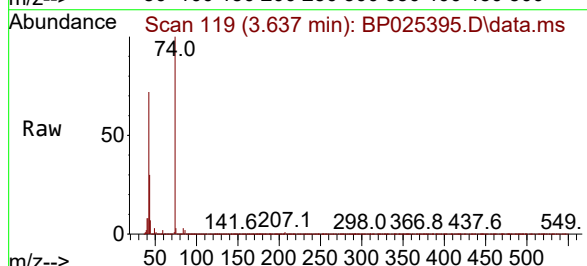
Tgt Ion: 42 Resp: 72627

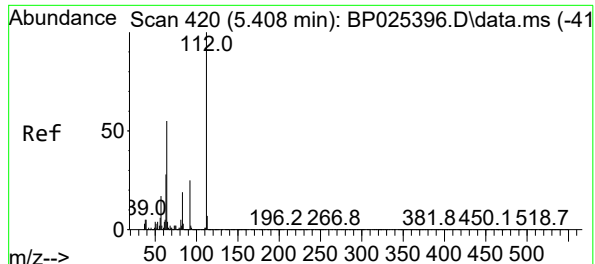
Ion Ratio Lower Upper

42 100

74 138.9 107.0 160.4

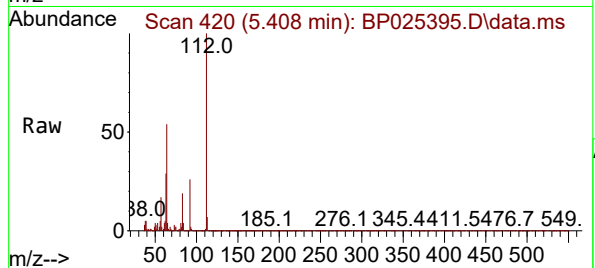
44 9.5 6.2 9.4





#5
2-Fluorophenol
Concen: 39.674 ng
RT: 5.408 min Scan# 41
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

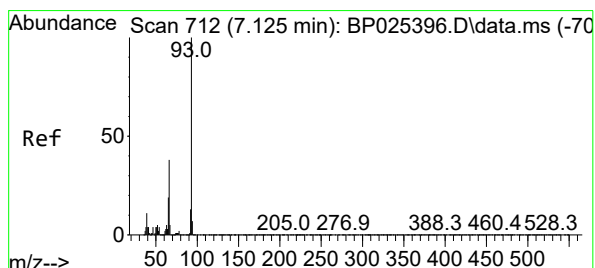
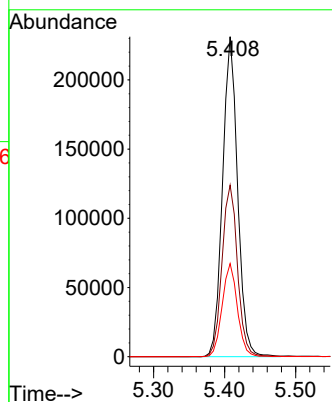
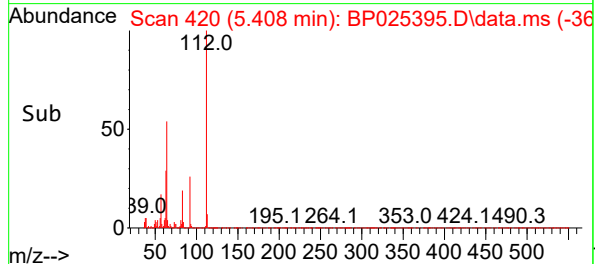
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 112 Resp: 33856
Ion Ratio Lower Upper
112 100
64 53.6 43.8 65.8
63 29.1 22.7 34.1

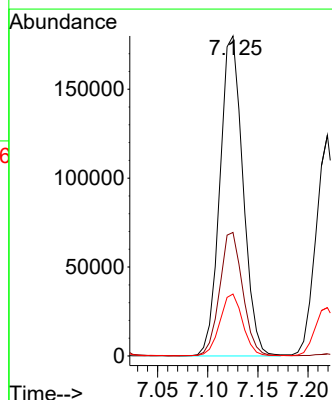
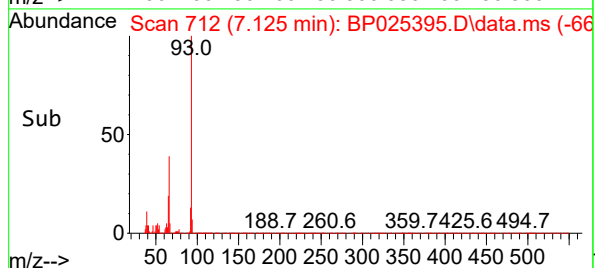
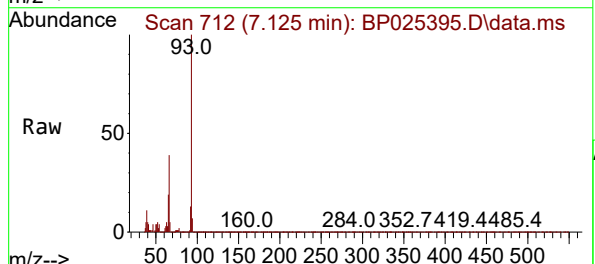
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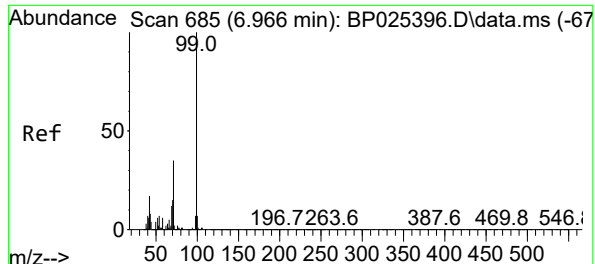
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#6
Aniline
Concen: 19.513 ng
RT: 7.125 min Scan# 712
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

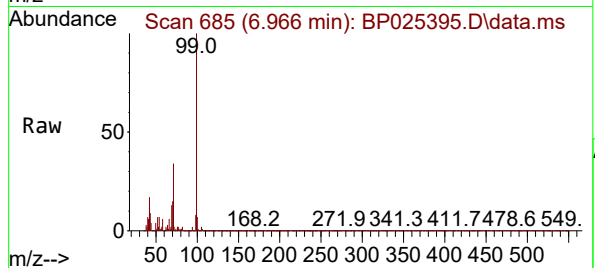
Tgt Ion: 93 Resp: 287645
Ion Ratio Lower Upper
93 100
66 38.6 30.4 45.6
65 19.4 15.3 22.9





#7
Phenol-d6
Concen: 39.702 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

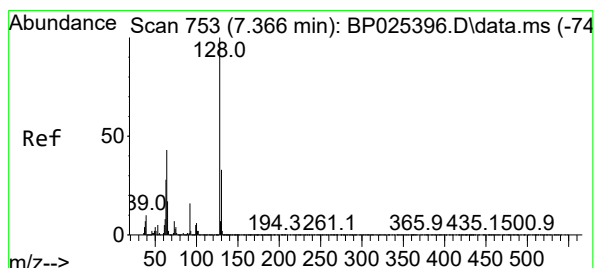
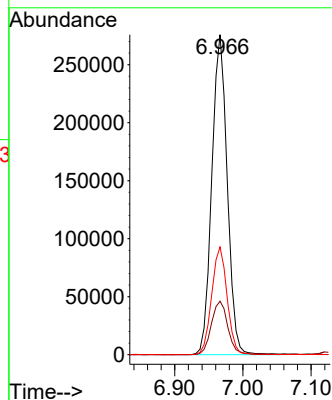
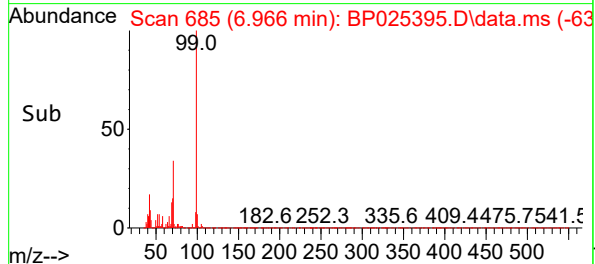
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 99 Resp: 434388
Ion Ratio Lower Upper
99 100
42 16.7 13.7 20.5
71 33.7 28.2 42.4

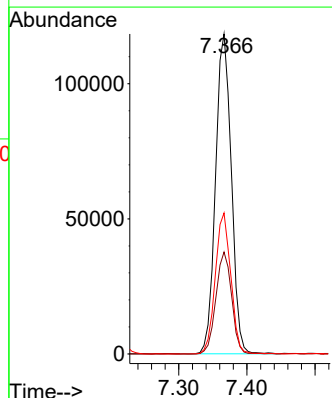
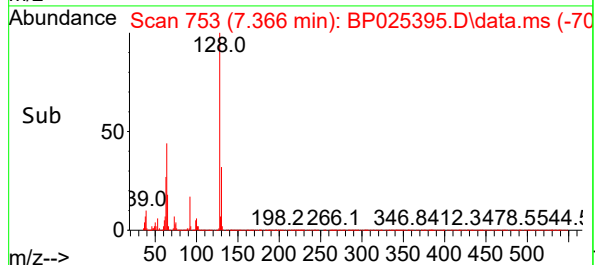
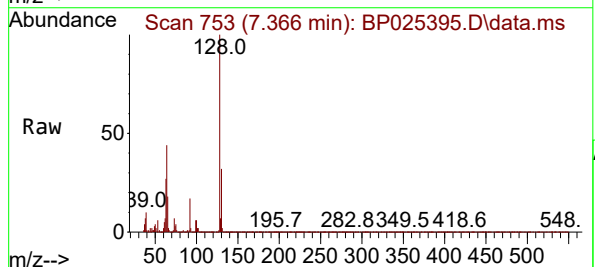
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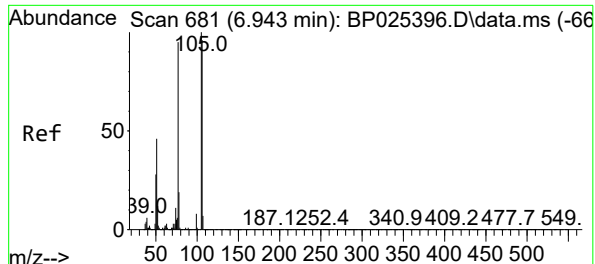
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#8
2-Chlorophenol
Concen: 19.819 ng
RT: 7.366 min Scan# 753
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

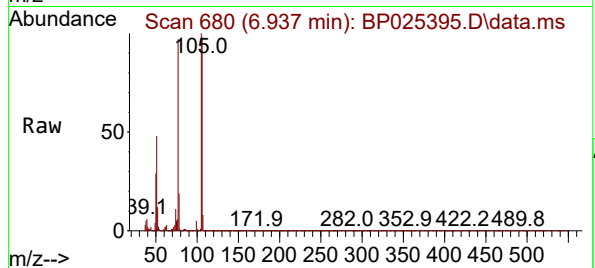
Tgt Ion:128 Resp: 190858
Ion Ratio Lower Upper
128 100
130 31.9 12.6 52.6
64 44.0 23.4 63.4





#9
Benzaldehyde
Concen: 17.672 ng
RT: 6.937 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

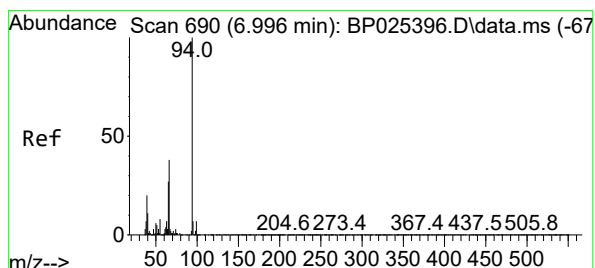
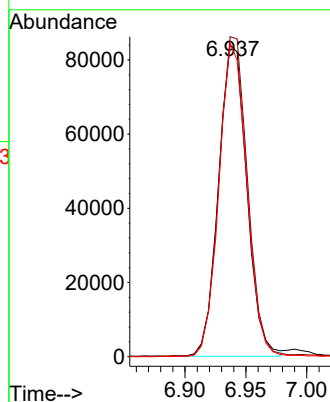
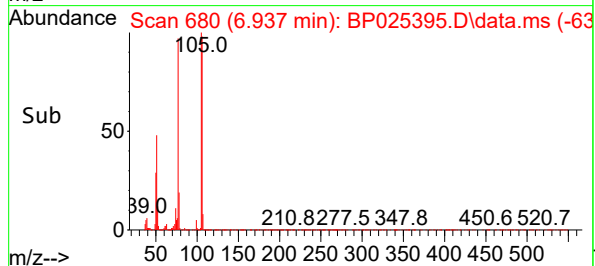
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 77 Resp: 135464
Ion Ratio Lower Upper
77 100
105 102.7 84.8 124.8
106 100.6 80.5 120.5

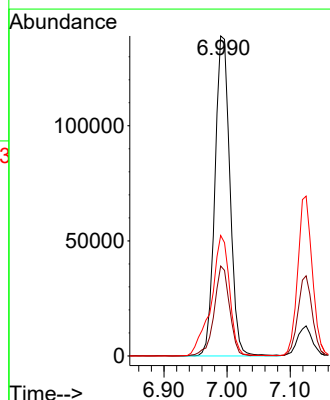
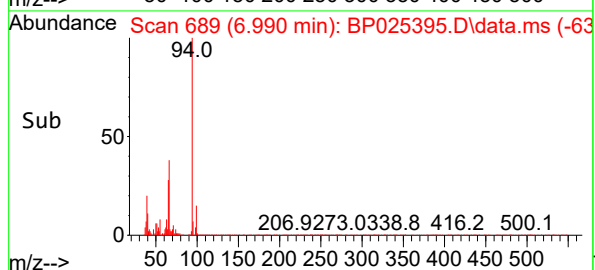
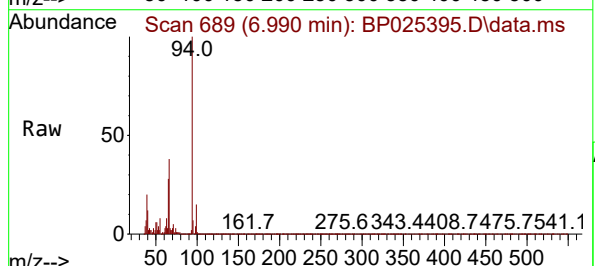
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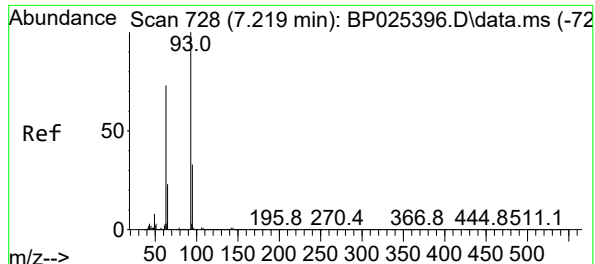
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#10
Phenol
Concen: 19.910 ng
RT: 6.990 min Scan# 689
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

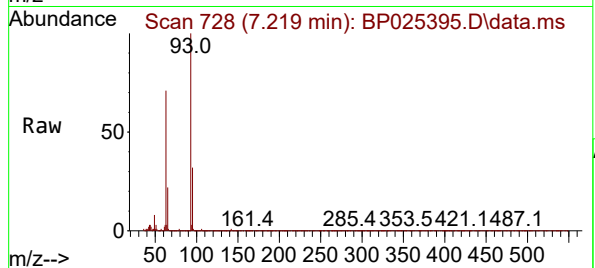
Tgt Ion: 94 Resp: 228580
Ion Ratio Lower Upper
94 100
65 28.1 6.8 46.8
66 37.7 18.2 58.2





#11
bis(2-Chloroethyl)ether
Concen: 20.159 ng
RT: 7.219 min Scan# 728
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

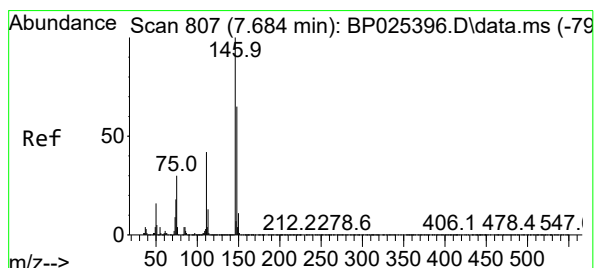
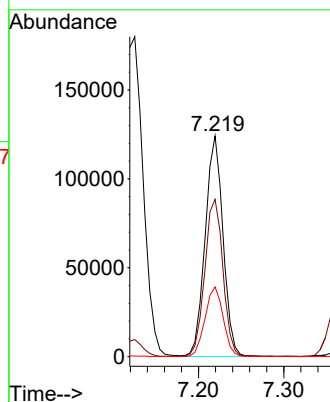
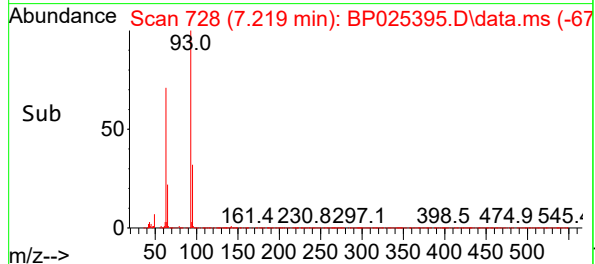
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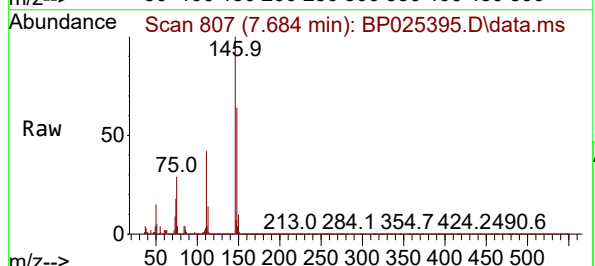
Tgt Ion: 93 Resp: 180390
Ion Ratio Lower Upper
93 100
63 71.2 52.6 92.6
95 31.6 12.7 52.7

Manual Integrations
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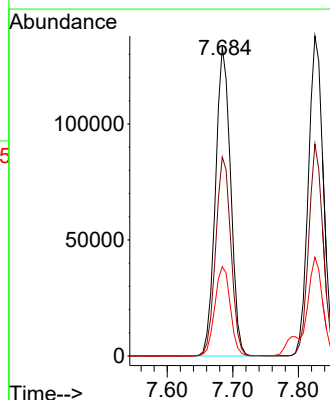
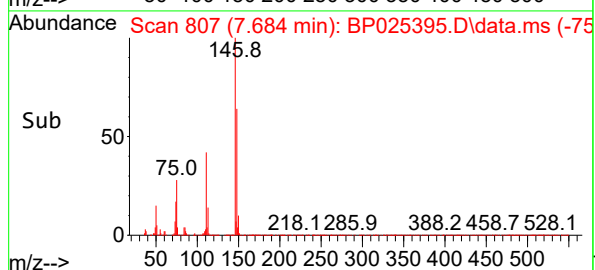
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

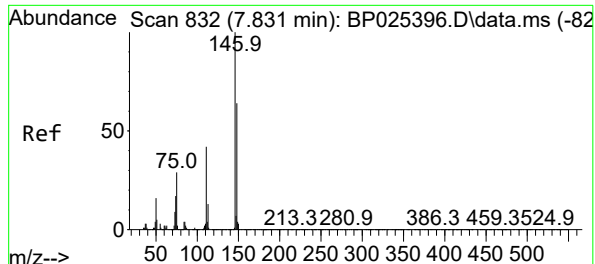


#12
1,3-Dichlorobenzene
Concen: 20.061 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38



Tgt Ion:146 Resp: 213023
Ion Ratio Lower Upper
146 100
148 64.4 51.9 77.9
75 28.9 23.7 35.5





#13

1,4-Dichlorobenzene

Concen: 19.938 ng

RT: 7.825 min Scan# 831

Delta R.T. -0.006 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:146 Resp: 216400

Ion Ratio Lower Upper

146 100

148 66.2 51.6 77.4

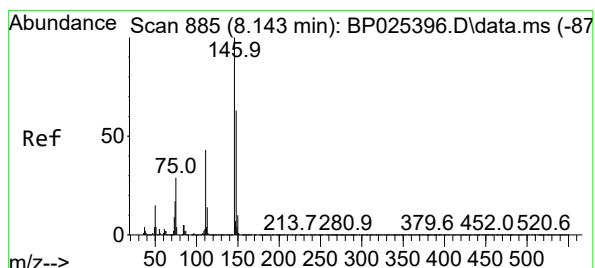
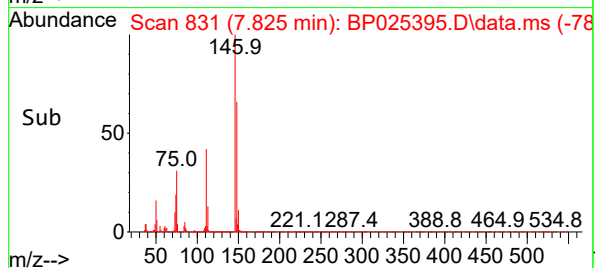
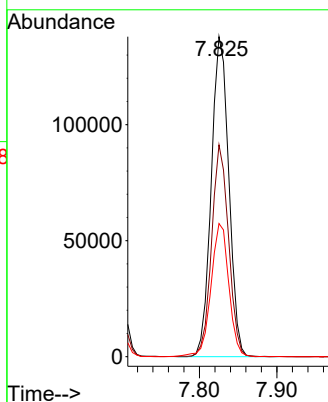
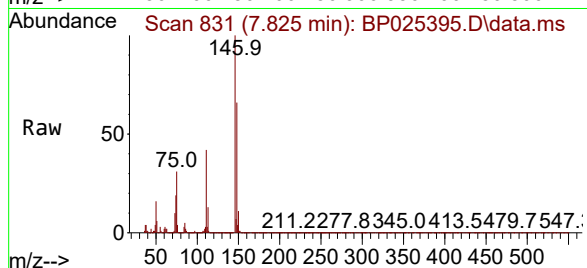
111 41.6 33.4 50.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#14

1,2-Dichlorobenzene

Concen: 20.106 ng

RT: 8.143 min Scan# 885

Delta R.T. 0.000 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

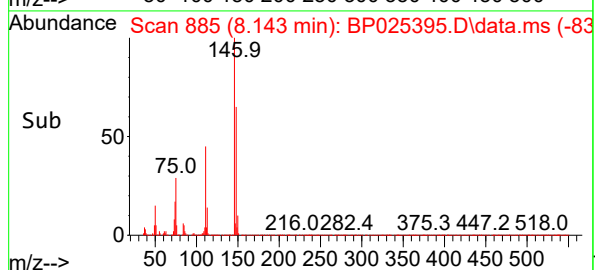
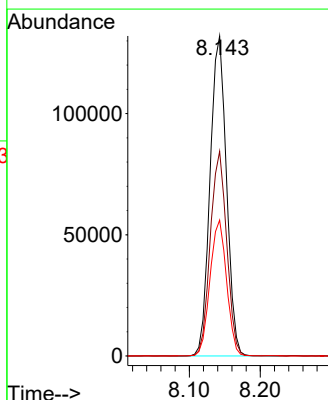
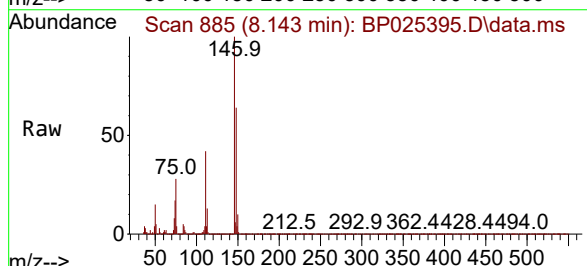
Tgt Ion:146 Resp: 211243

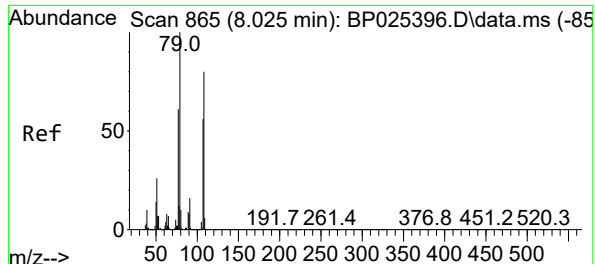
Ion Ratio Lower Upper

146 100

148 64.0 50.4 75.6

111 42.4 34.5 51.7





#15

Benzyl Alcohol

Concen: 19.640 ng

RT: 8.019 min Scan# 80

Delta R.T. -0.006 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion: 79 Resp: 170730

Ion Ratio Lower Upper

79 100

108 77.1 63.8 95.6

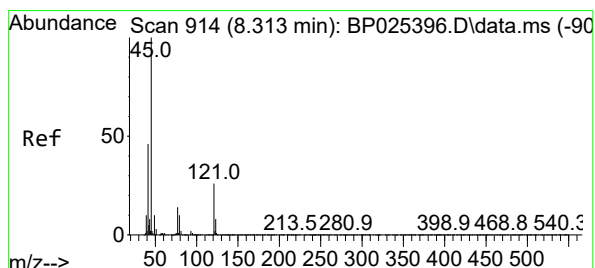
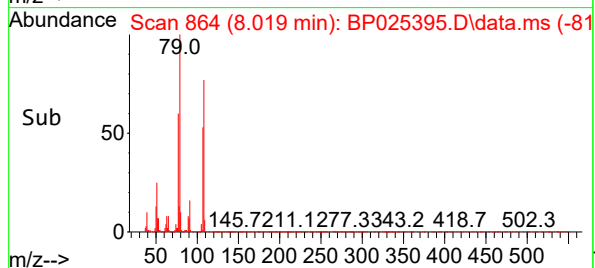
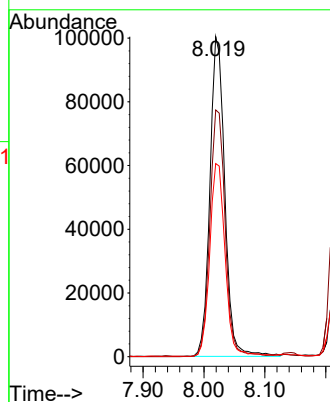
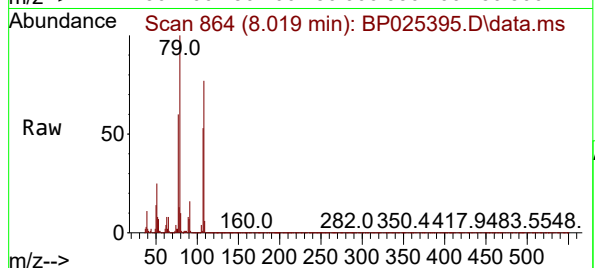
77 60.3 49.0 73.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 20.240 ng

RT: 8.307 min Scan# 913

Delta R.T. -0.006 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

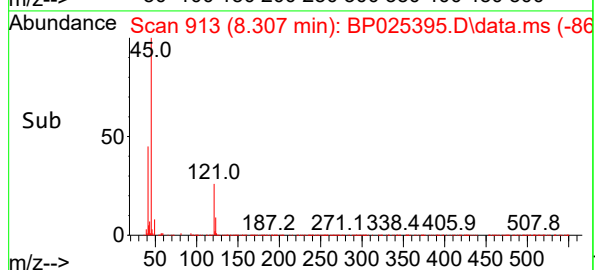
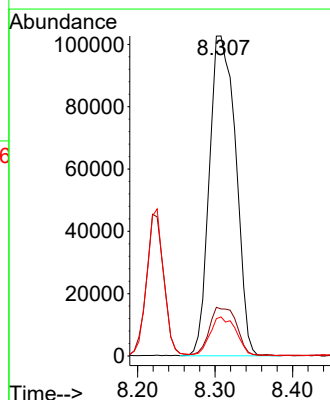
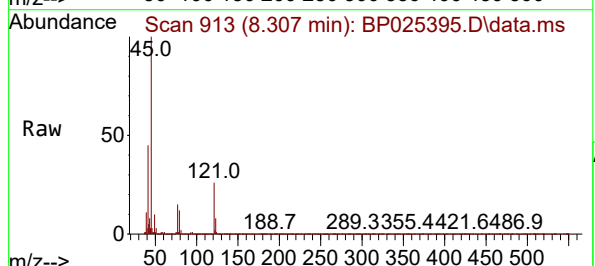
Tgt Ion: 45 Resp: 242616

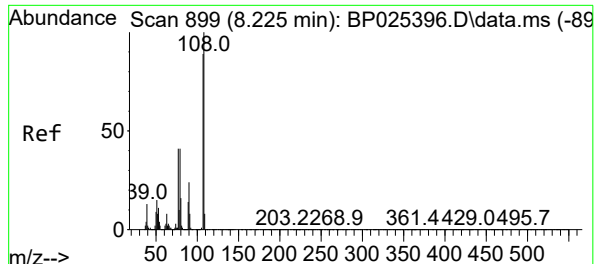
Ion Ratio Lower Upper

45 100

77 14.7 0.0 35.3

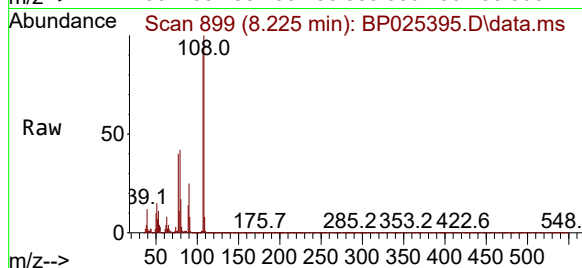
79 12.2 0.0 31.8





#17
2-Methylphenol
Concen: 19.956 ng
RT: 8.225 min Scan# 899
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

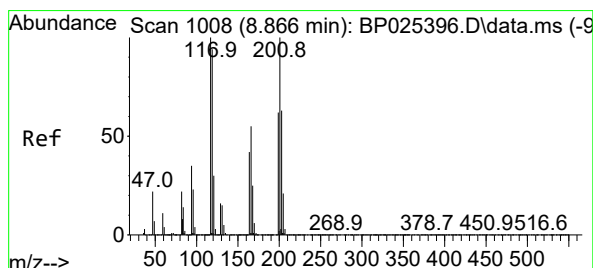
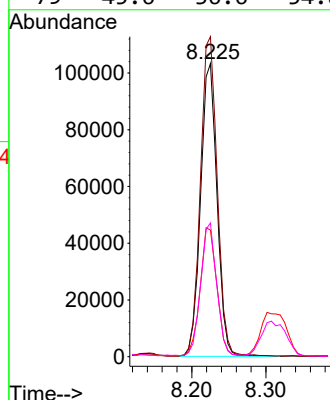
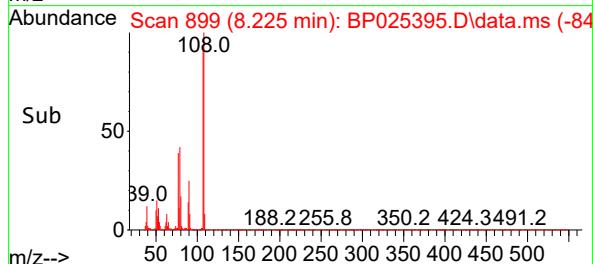
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:107 Resp: 159119
Ion Ratio Lower Upper
107 100
108 109.2 89.4 134.0
77 43.2 36.3 54.5
79 45.6 36.6 54.8

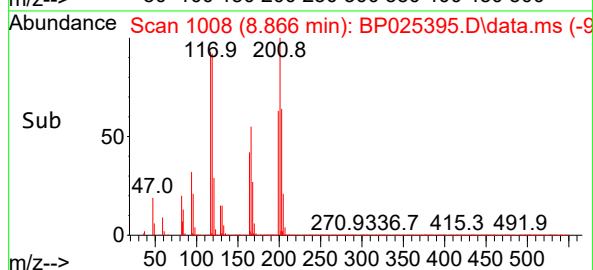
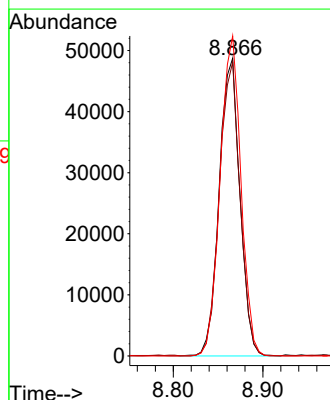
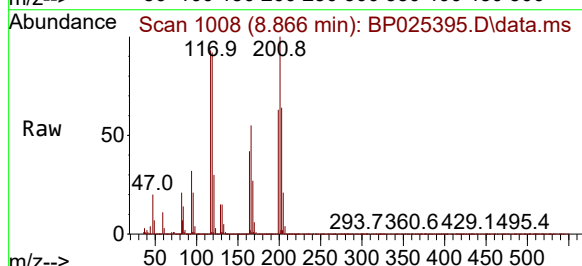
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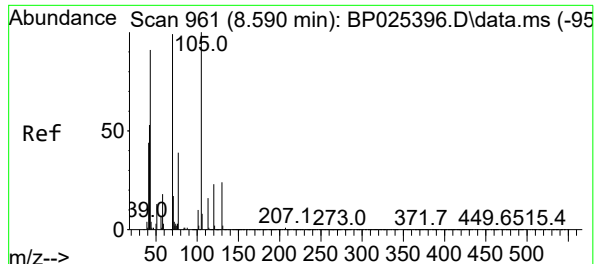
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#18
Hexachloroethane
Concen: 19.597 ng
RT: 8.866 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:117 Resp: 78205
Ion Ratio Lower Upper
117 100
119 98.8 75.1 112.7
201 107.5 80.1 120.1





#19

n-Nitroso-di-n-propylamine

Concen: 20.633 ng

RT: 8.584 min Scan# 961

Delta R.T. -0.006 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion: 70 Resp: 14971

Ion Ratio Lower Upper

70 100

42 52.0 43.8 65.6

101 11.3 8.5 12.7

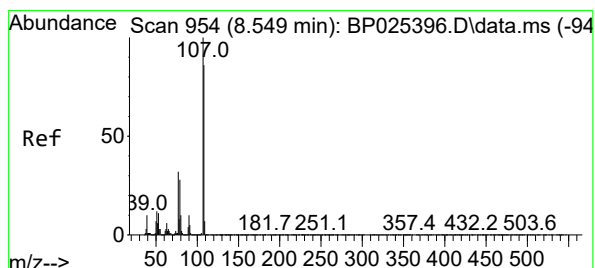
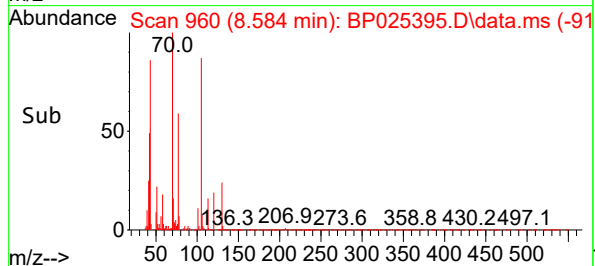
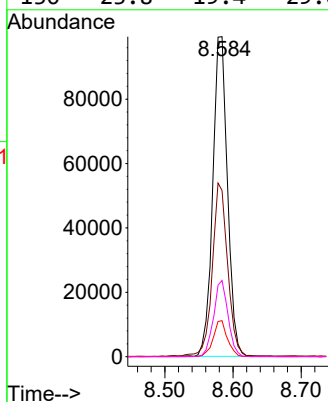
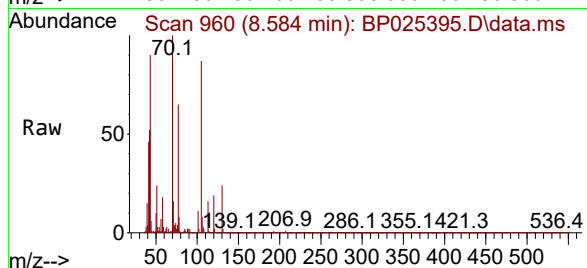
130 23.8 19.4 29.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#20

3+4-Methylphenols

Concen: 19.655 ng

RT: 8.543 min Scan# 953

Delta R.T. -0.006 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

Tgt Ion:107 Resp: 217240

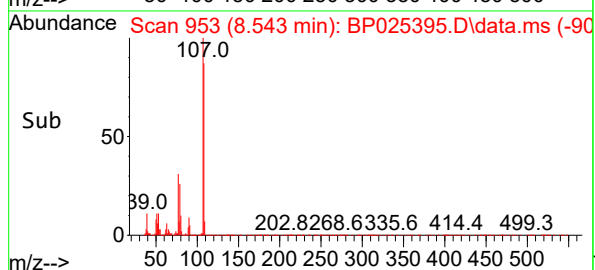
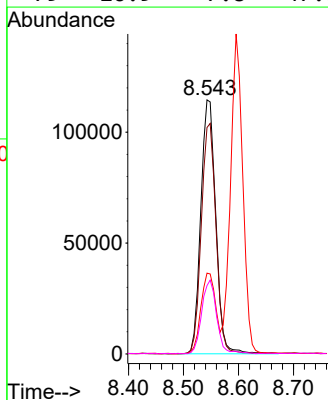
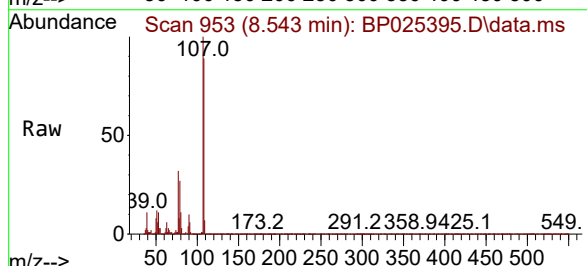
Ion Ratio Lower Upper

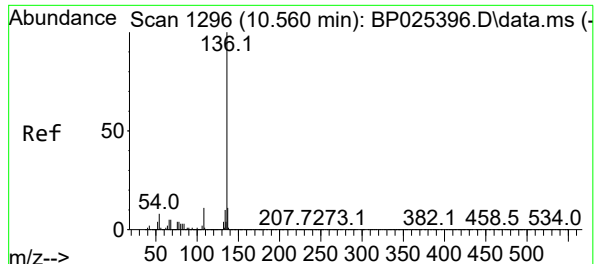
107 100

108 89.1 66.3 106.3

77 31.8 12.3 52.3

79 26.9 7.8 47.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.560 min Scan# 1296

Delta R.T. 0.000 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:136 Resp: 60379

Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 7.7 6.0 9.0

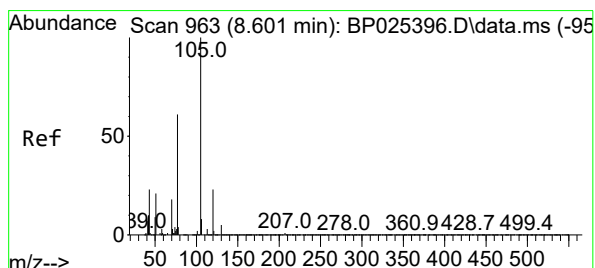
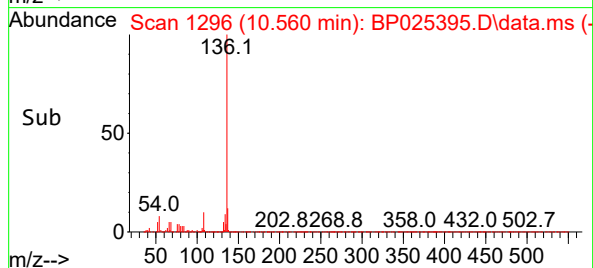
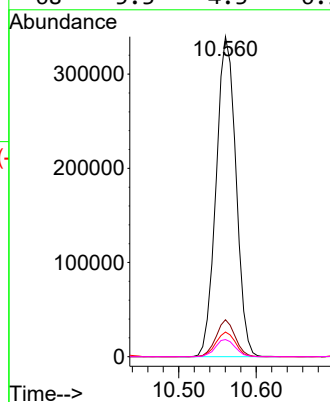
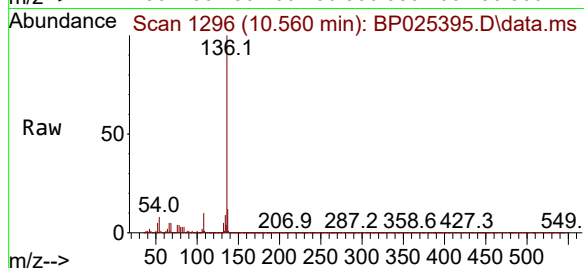
68 5.3 4.3 6.5

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#22

Acetophenone

Concen: 20.196 ng

RT: 8.596 min Scan# 962

Delta R.T. -0.006 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

Tgt Ion:105 Resp: 305812

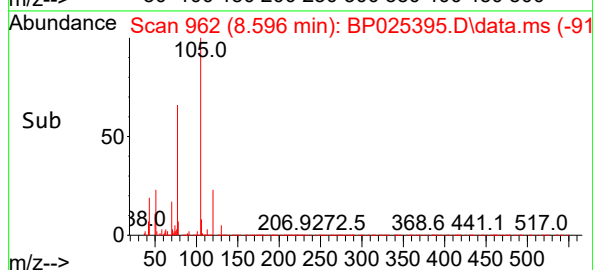
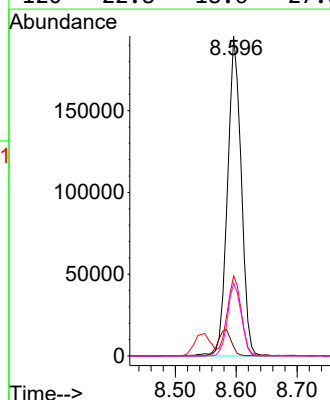
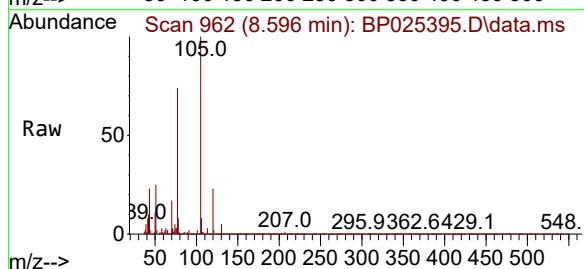
Ion Ratio Lower Upper

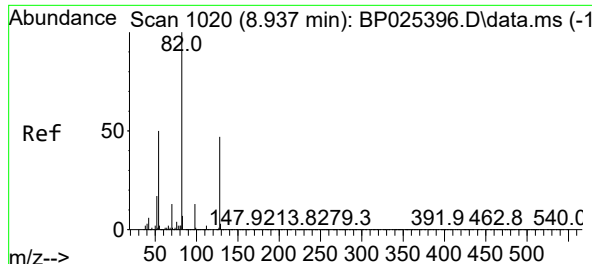
105 100

71 2.8 2.6 4.0

51 25.0 20.6 30.8

120 22.8 18.6 27.8





#23

Nitrobenzene-d5

Concen: 39.706 ng

RT: 8.931 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion: 82 Resp: 47393

Ion Ratio Lower Upper

82 100

128 46.3 37.7 56.5

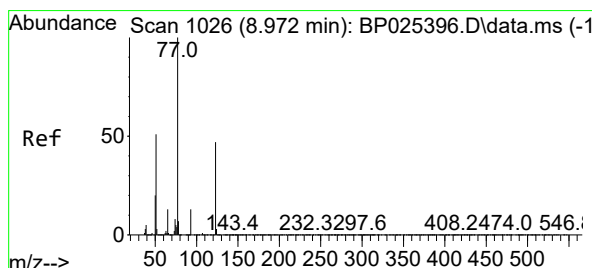
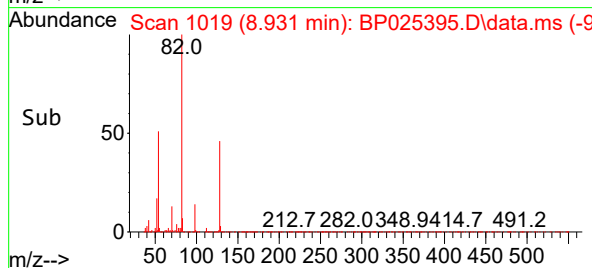
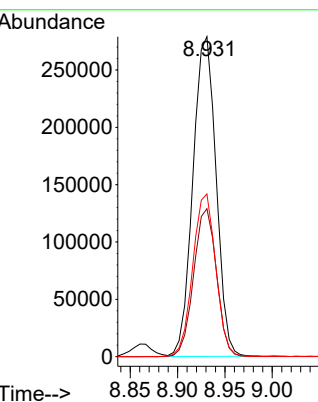
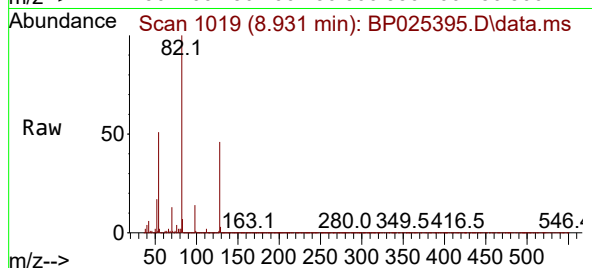
54 50.8 39.8 59.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#24

Nitrobenzene

Concen: 19.708 ng

RT: 8.972 min Scan# 1026

Delta R.T. 0.000 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

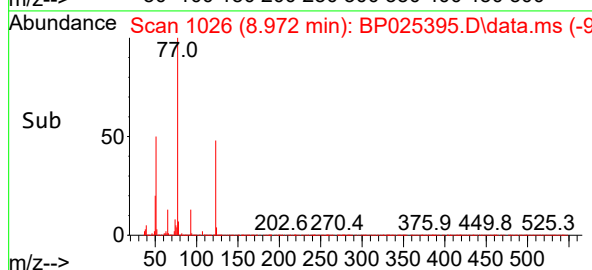
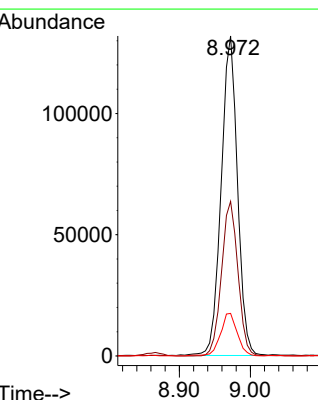
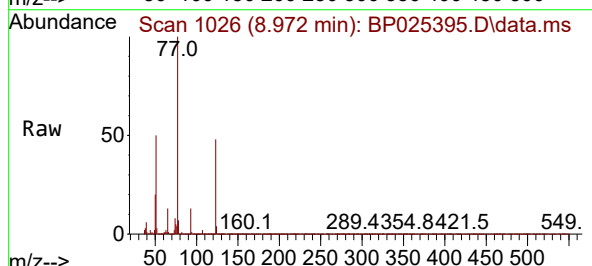
Tgt Ion: 77 Resp: 210234

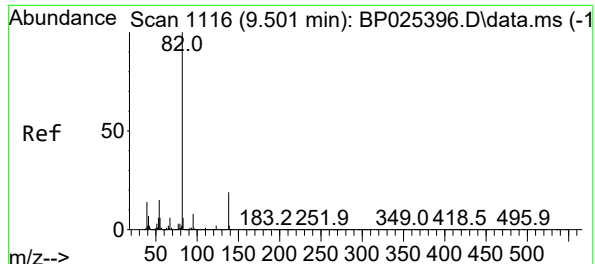
Ion Ratio Lower Upper

77 100

123 48.3 38.6 58.0

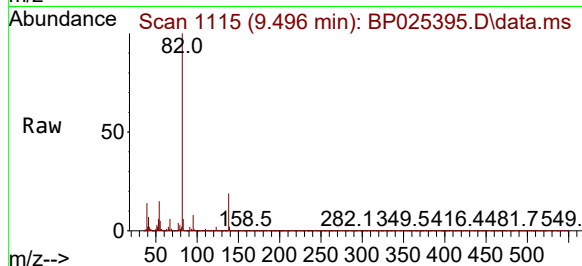
65 13.3 10.6 15.8





#25
Isophorone
Concen: 19.995 ng
RT: 9.496 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

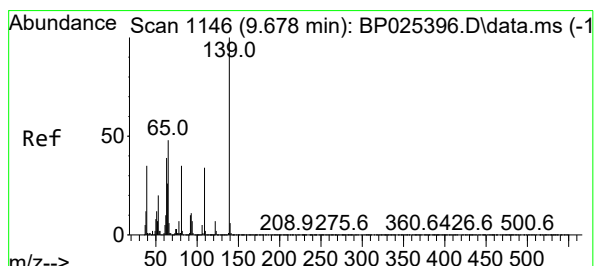
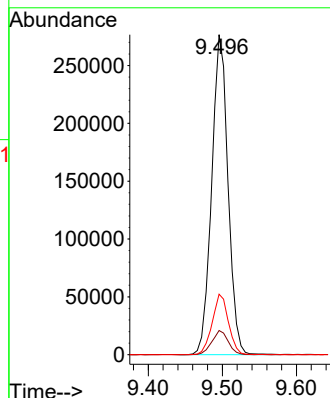
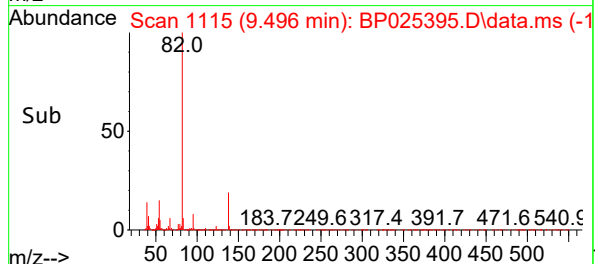
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 82 Resp: 422370
Ion Ratio Lower Upper
82 100
95 7.6 6.4 9.6
138 18.9 15.4 23.0

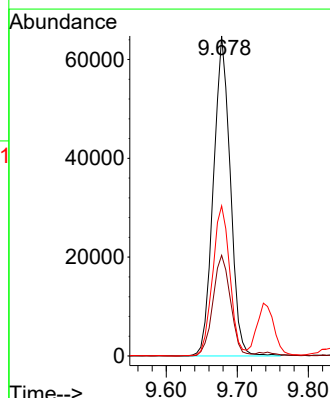
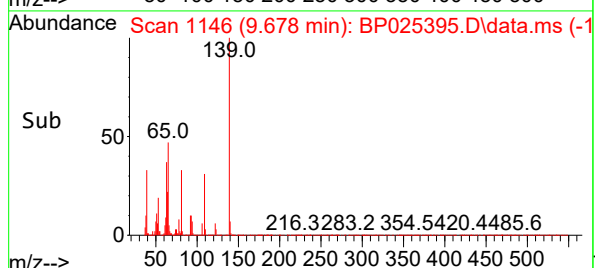
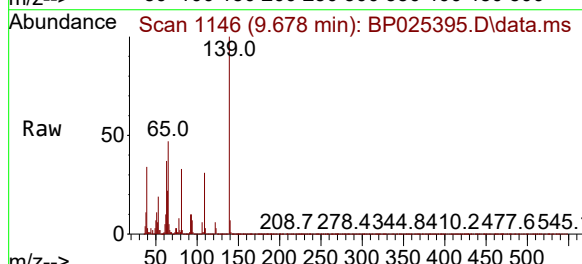
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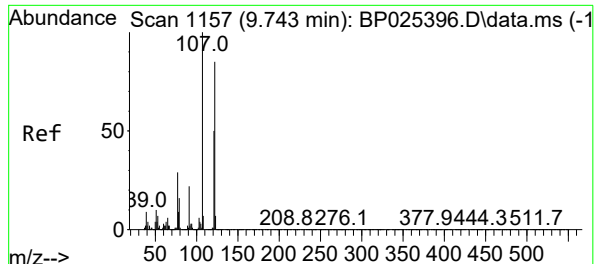
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#26
2-Nitrophenol
Concen: 19.509 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

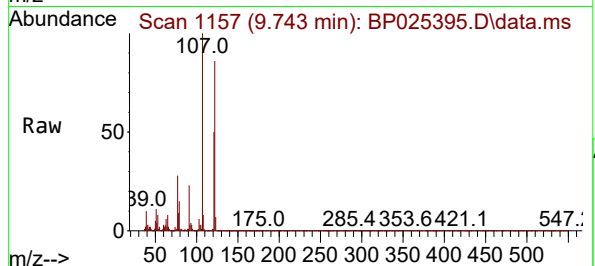
Tgt Ion:139 Resp: 106805
Ion Ratio Lower Upper
139 100
109 31.5 26.9 40.3
65 46.9 38.3 57.5





#27
2,4-Dimethylphenol
Concen: 18.963 ng
RT: 9.743 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

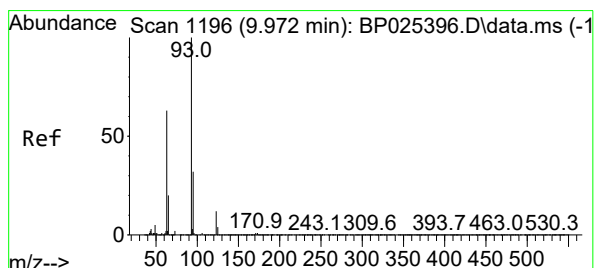
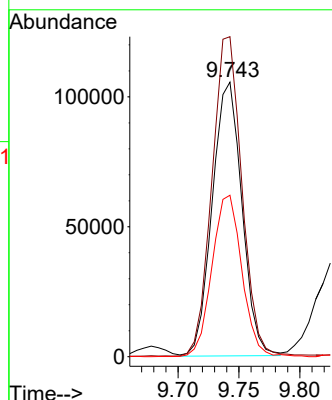
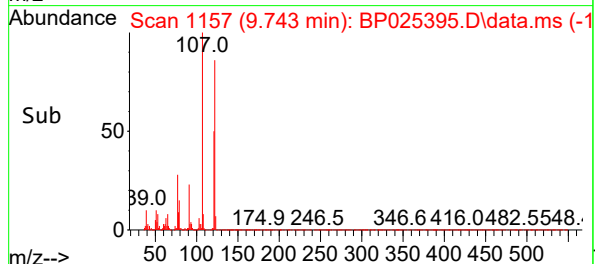
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:122 Resp: 178534
Ion Ratio Lower Upper
122 100
107 116.5 93.7 140.5
121 58.8 46.6 69.8

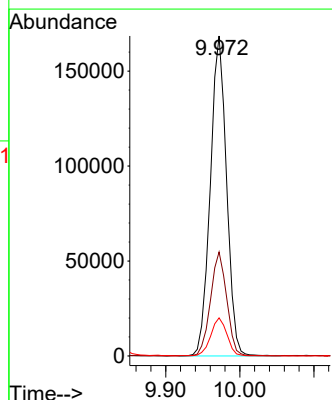
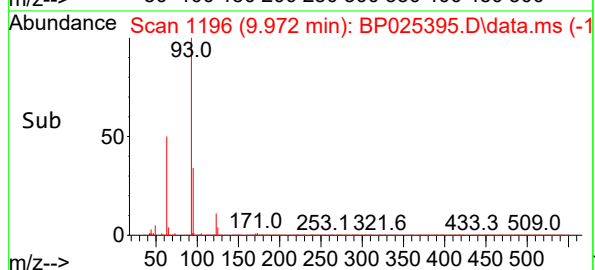
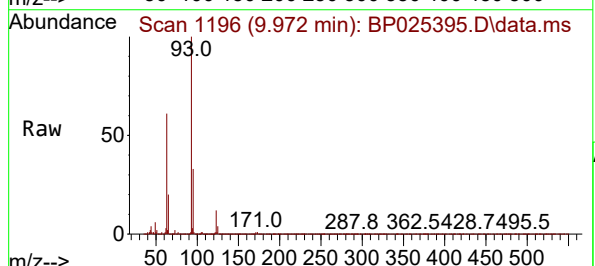
Manual Integrations
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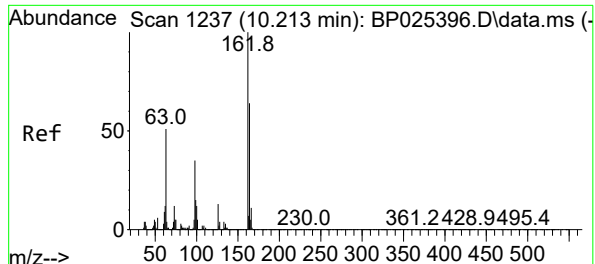
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#28
bis(2-Chloroethoxy)methane
Concen: 20.100 ng
RT: 9.972 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

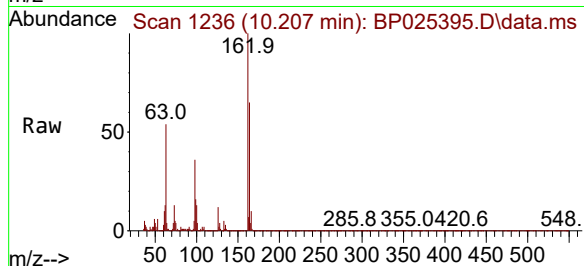
Tgt Ion: 93 Resp: 256656
Ion Ratio Lower Upper
93 100
95 32.5 25.4 38.0
123 11.9 9.4 14.0





#29
2,4-Dichlorophenol
Concen: 19.896 ng
RT: 10.207 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

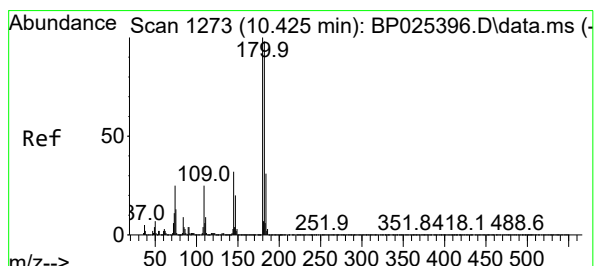
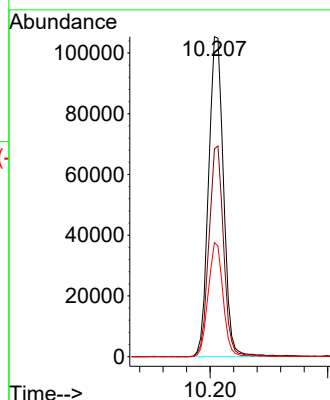
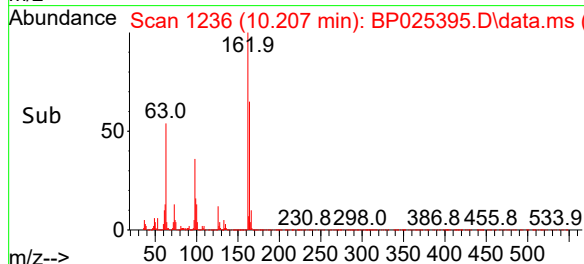
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:162 Resp: 186070
Ion Ratio Lower Upper
162 100
164 64.9 44.4 84.4
98 35.7 14.9 54.9

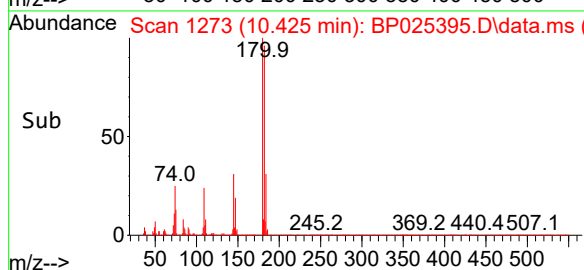
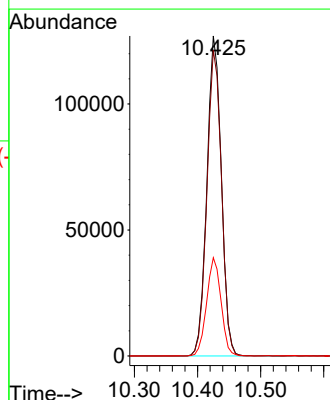
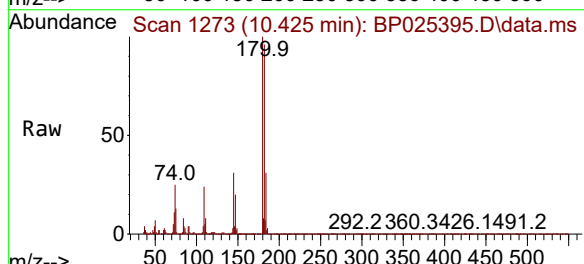
Manual Integrations
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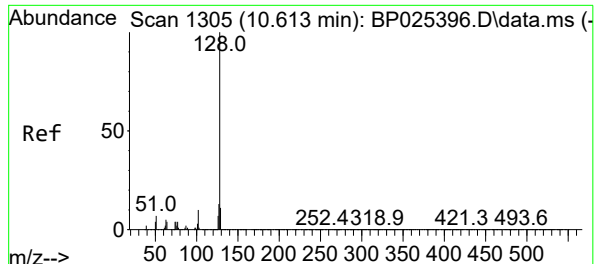
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#30
1,2,4-Trichlorobenzene
Concen: 19.702 ng
RT: 10.425 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

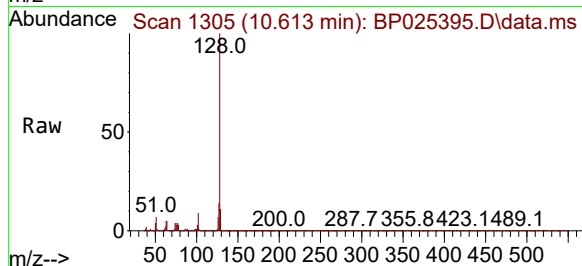
Tgt Ion:180 Resp: 201995
Ion Ratio Lower Upper
180 100
182 95.6 78.0 117.0
145 30.7 25.9 38.9





#31
Naphthalene
Concen: 19.944 ng
RT: 10.613 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

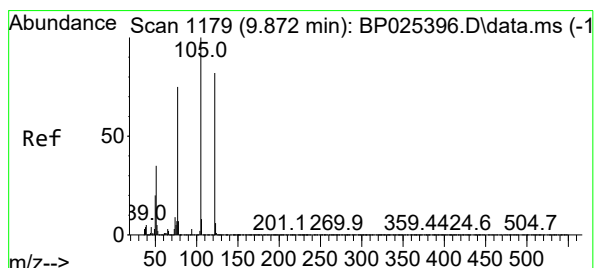
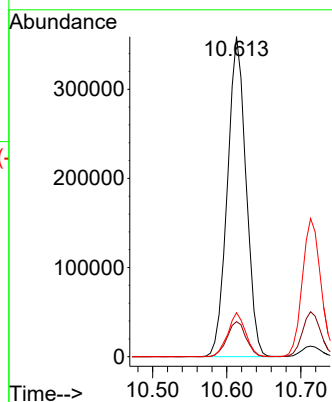
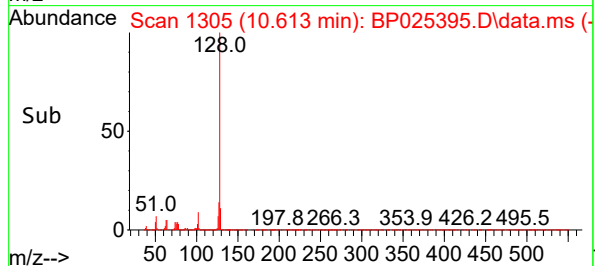
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:128 Resp: 62589
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.7 10.7 16.1

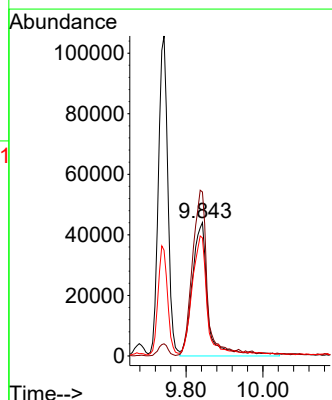
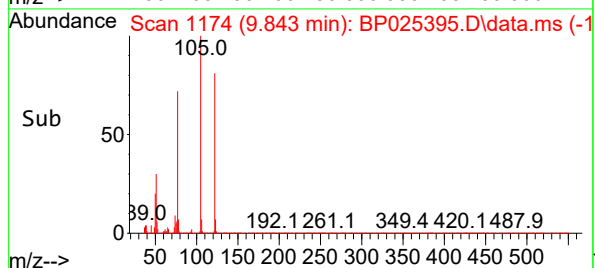
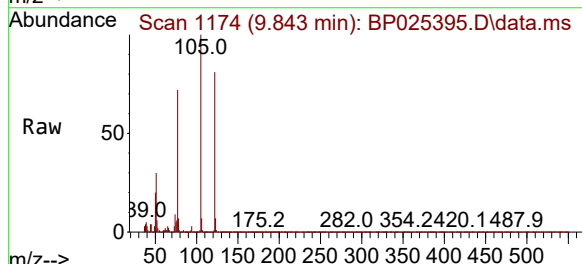
Manual Integrations
APPROVED

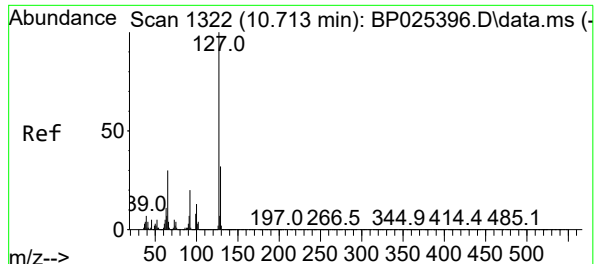
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#32
Benzoic acid
Concen: 18.004 ng m
RT: 9.843 min Scan# 1174
Delta R.T. -0.029 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

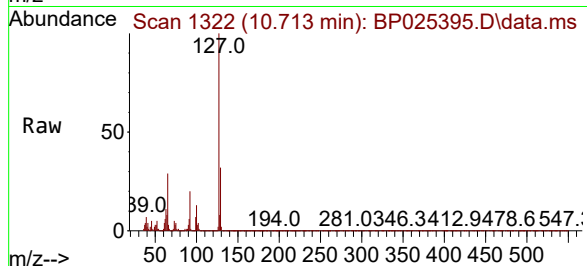
Tgt Ion:122 Resp: 124836
Ion Ratio Lower Upper
122 100
105 122.9 100.6 140.6
77 88.5 71.5 111.5





#33
4-Chloroaniline
Concen: 19.489 ng
RT: 10.713 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

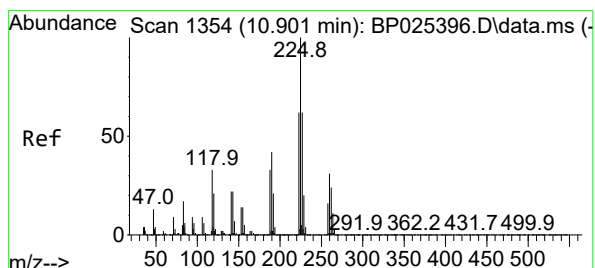
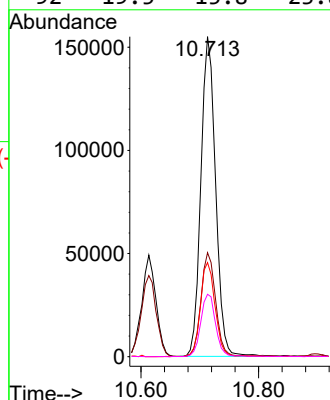
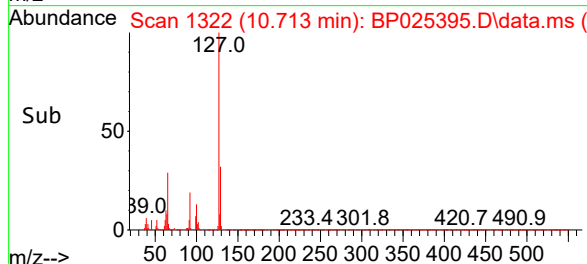
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:127 Resp: 270158
Ion Ratio Lower Upper
127 100
129 32.5 25.4 38.2
65 29.4 23.8 35.6
92 19.5 15.8 23.8

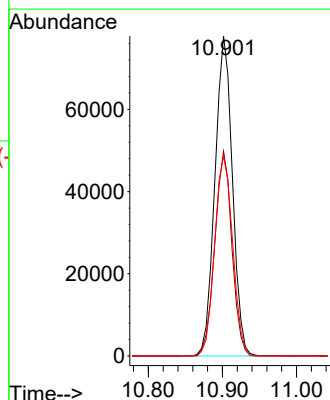
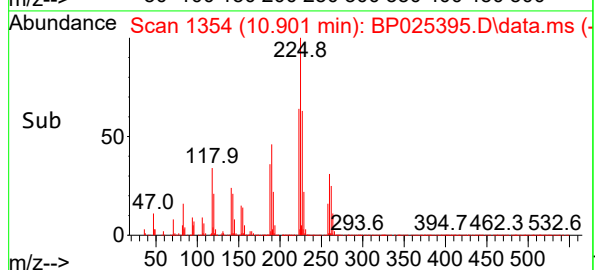
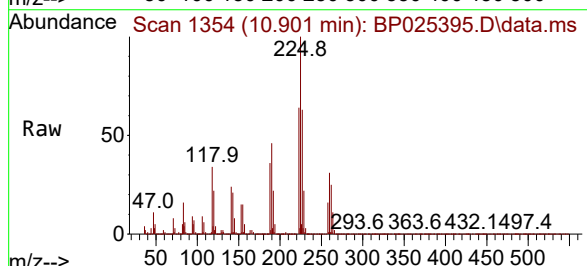
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APPROVED

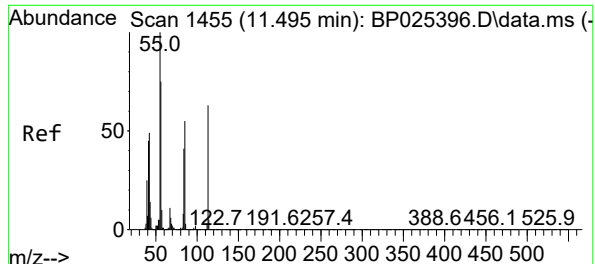
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#34
Hexachlorobutadiene
Concen: 19.983 ng
RT: 10.901 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

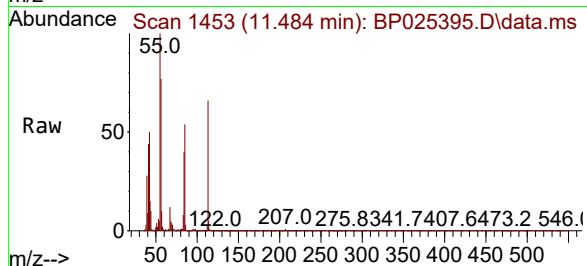
Tgt Ion:225 Resp: 127593
Ion Ratio Lower Upper
225 100
223 64.0 50.0 75.0
227 62.5 49.7 74.5





#35
Caprolactam
Concen: 19.294 ng
RT: 11.484 min Scan# 1455
Delta R.T. -0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

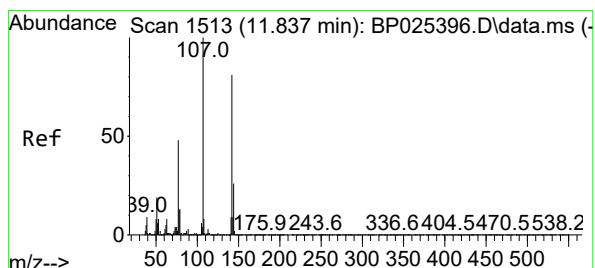
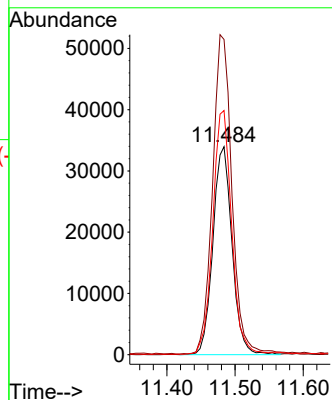
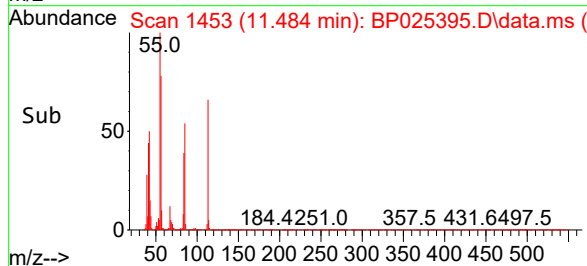
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:113 Resp: 66168
Ion Ratio Lower Upper
113 100
55 151.5 140.0 180.0
56 117.4 100.0 140.0

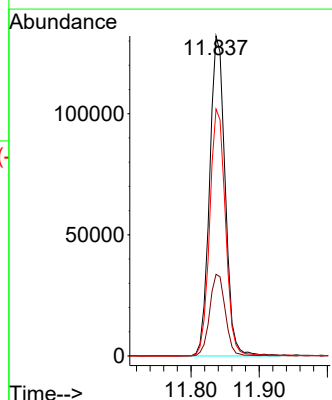
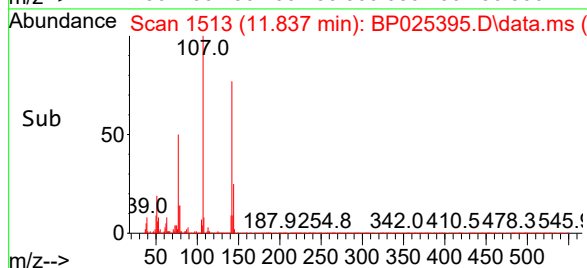
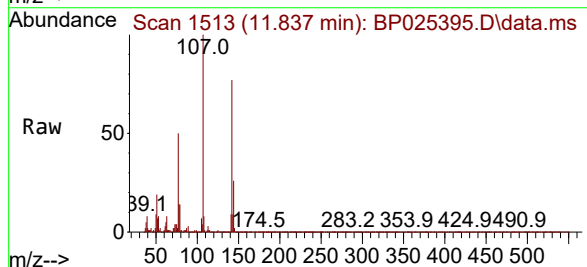
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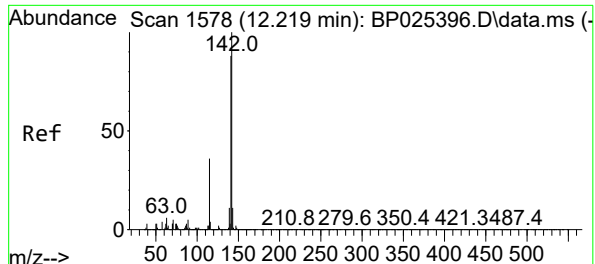
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#36
4-Chloro-3-methylphenol
Concen: 19.551 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:107 Resp: 209817
Ion Ratio Lower Upper
107 100
144 25.5 21.0 31.4
142 77.1 64.6 97.0





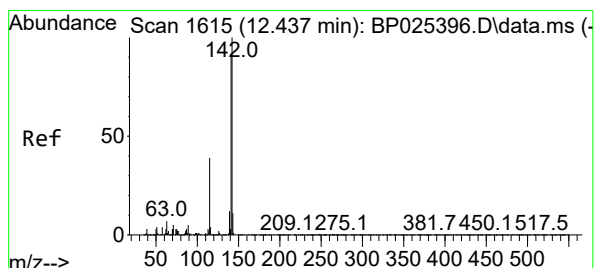
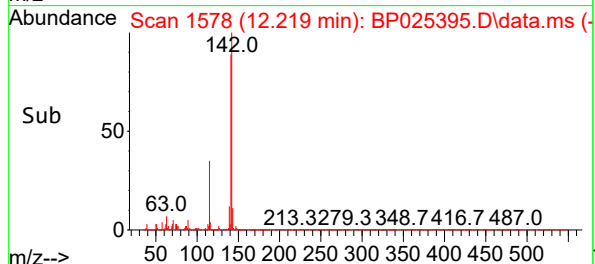
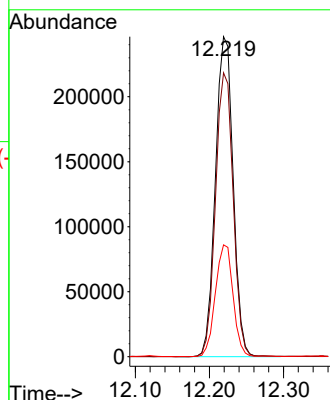
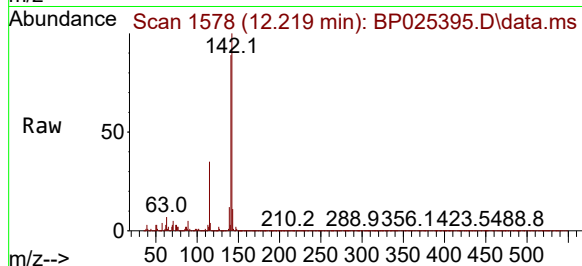
#37
2-Methylnaphthalene
Concen: 20.057 ng
RT: 12.219 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:142 Resp: 409611
Ion Ratio Lower Upper
142 100
141 88.7 70.3 105.5
115 35.0 28.9 43.3

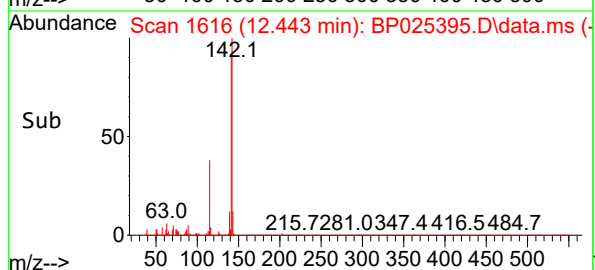
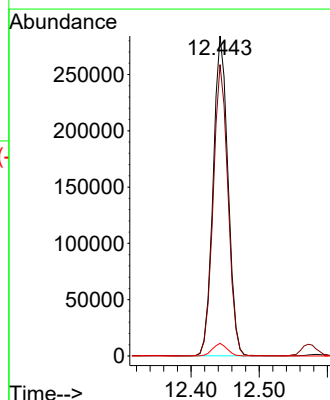
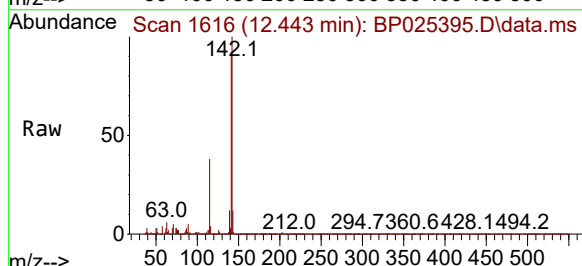
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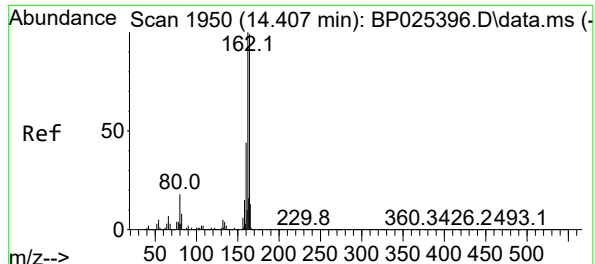
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#38
1-Methylnaphthalene
Concen: 19.829 ng
RT: 12.443 min Scan# 1616
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

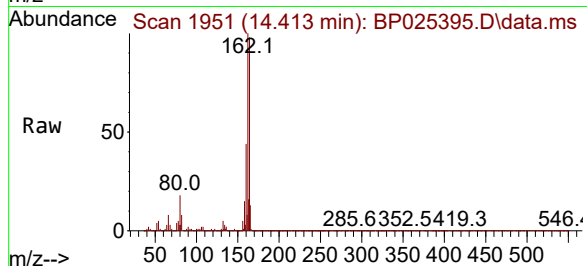
Tgt Ion:142 Resp: 430666
Ion Ratio Lower Upper
142 100
141 91.1 73.1 109.7
116 3.9 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.413 min Scan# 1951
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

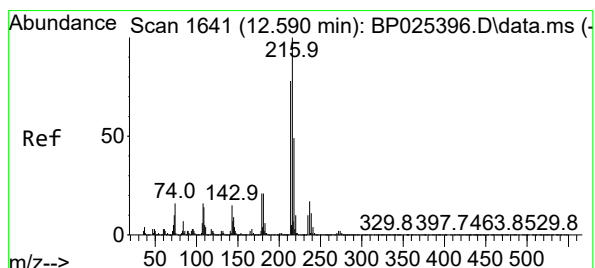
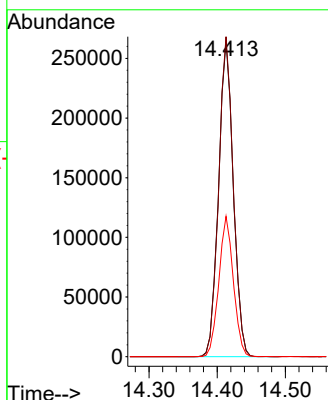
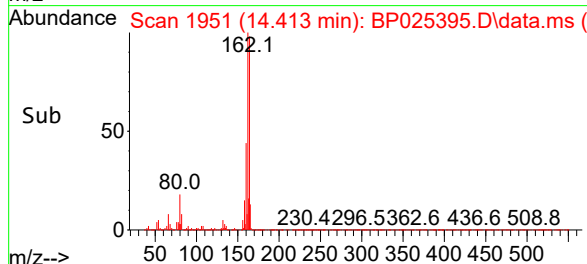
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:164 Resp: 399034
Ion Ratio Lower Upper
164 100
162 101.6 81.0 121.6
160 44.6 35.4 53.2

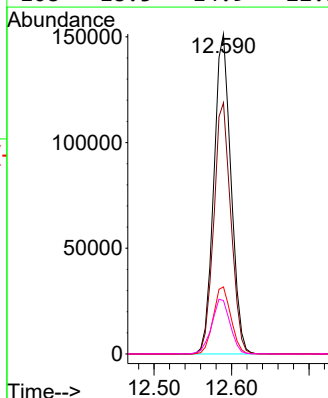
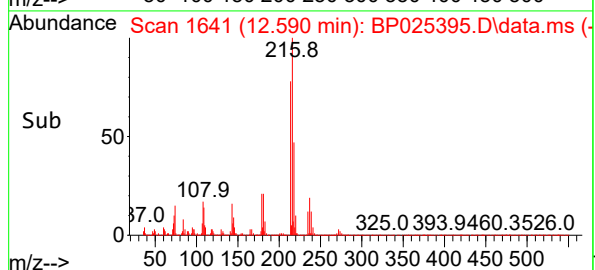
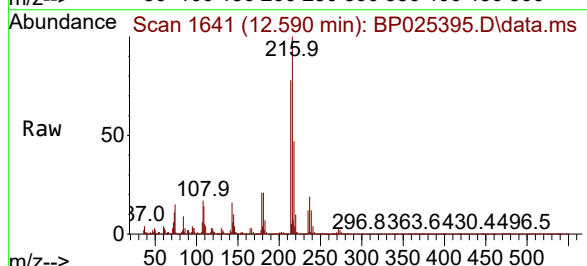
Manual Integrations
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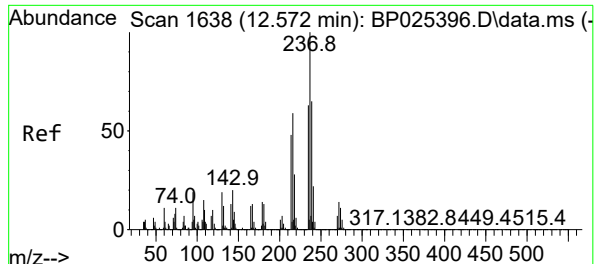
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 20.263 ng
RT: 12.590 min Scan# 1641
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

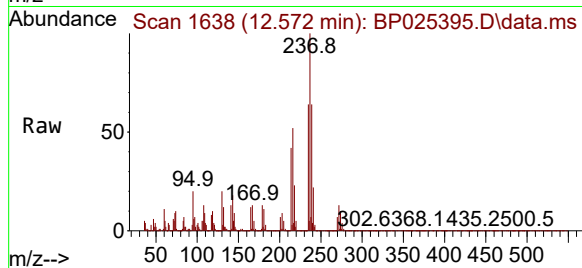
Tgt Ion:216 Resp: 233523
Ion Ratio Lower Upper
216 100
214 78.0 63.0 94.4
179 21.6 17.1 25.7
108 18.5 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 17.922 ng
RT: 12.572 min Scan# 1638
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

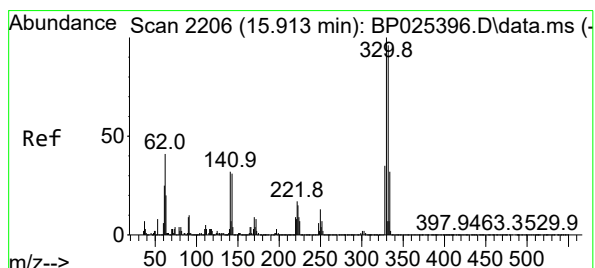
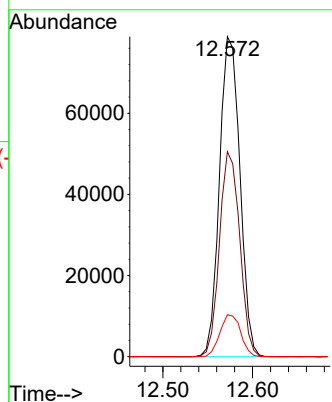
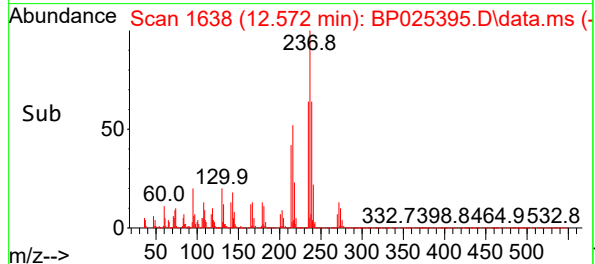
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 237 Resp: 124759
Ion Ratio Lower Upper
237 100
235 64.0 42.7 82.7
272 13.1 0.0 34.0

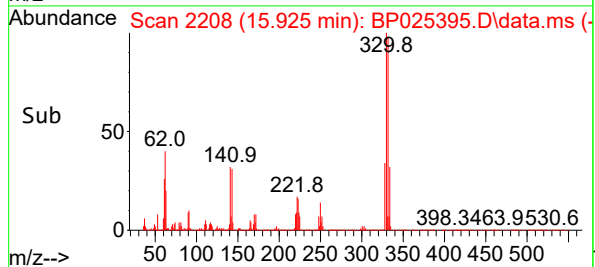
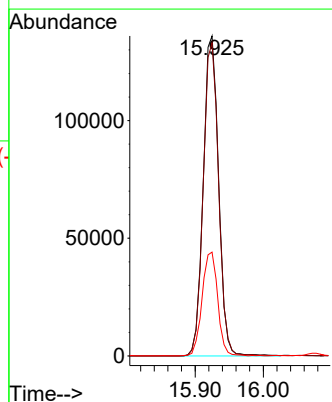
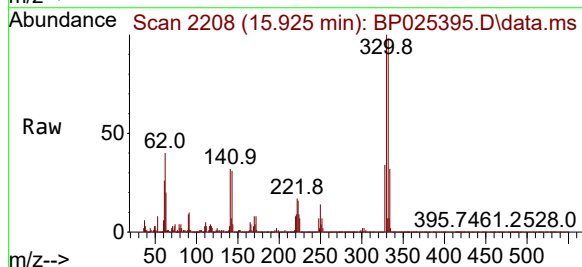
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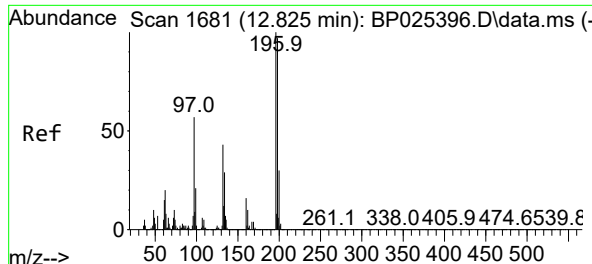
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#42
2,4,6-Tribromophenol
Concen: 39.651 ng
RT: 15.925 min Scan# 2208
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

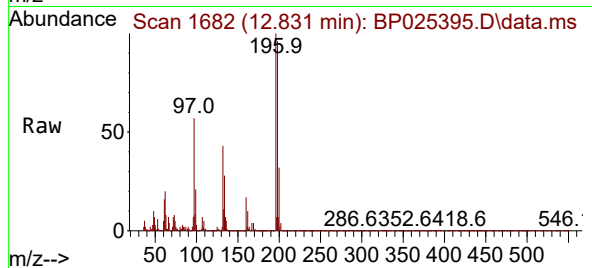
Tgt Ion: 330 Resp: 212968
Ion Ratio Lower Upper
330 100
332 97.8 77.3 115.9
141 32.8 26.6 39.8





#43
2,4,6-Trichlorophenol
Concen: 19.540 ng
RT: 12.831 min Scan# 1682
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

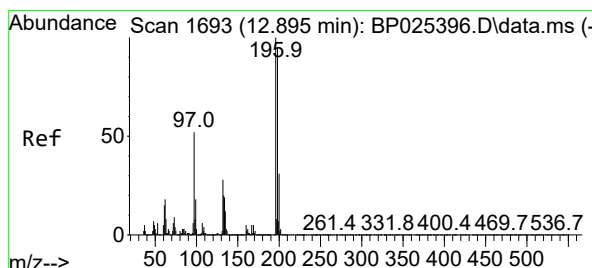
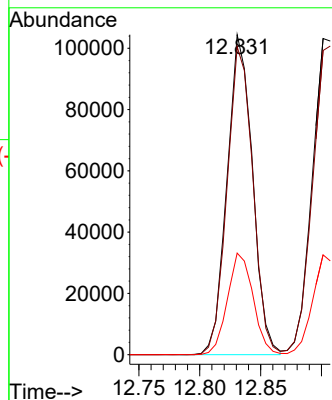
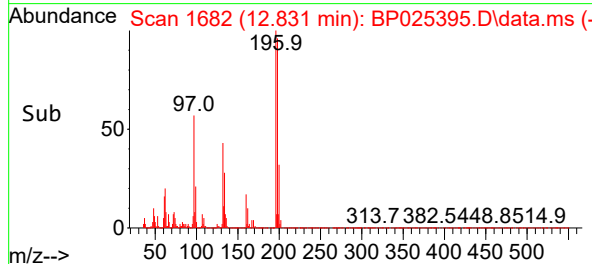
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:196 Resp: 15203
Ion Ratio Lower Upper
196 100
198 96.3 77.2 115.8
200 31.8 23.9 35.9

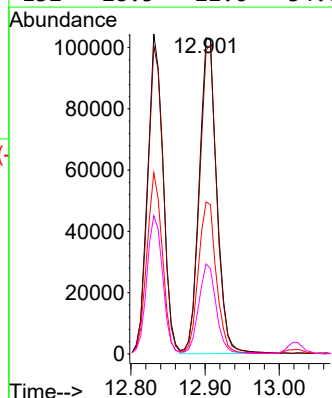
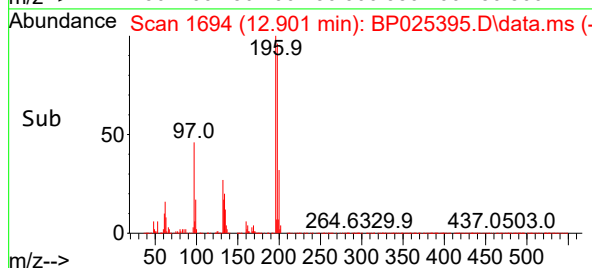
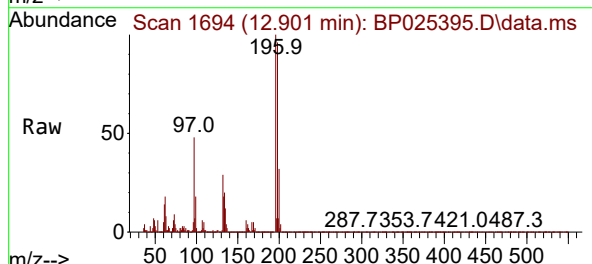
Manual Integrations
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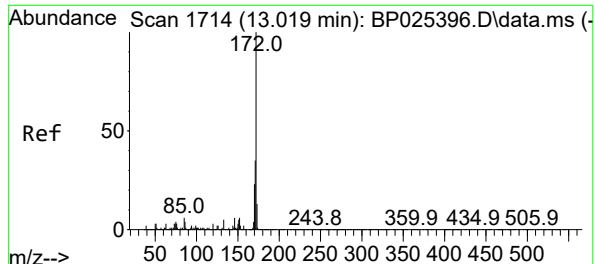
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#44
2,4,5-Trichlorophenol
Concen: 19.842 ng
RT: 12.901 min Scan# 1694
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

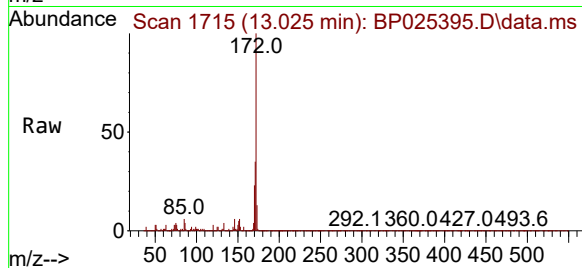
Tgt Ion:196 Resp: 169197
Ion Ratio Lower Upper
196 100
198 96.2 76.2 114.2
97 48.1 41.2 61.8
132 28.5 22.6 34.0





#45
2-Fluorobiphenyl
Concen: 41.205 ng
RT: 13.025 min Scan# 1715
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

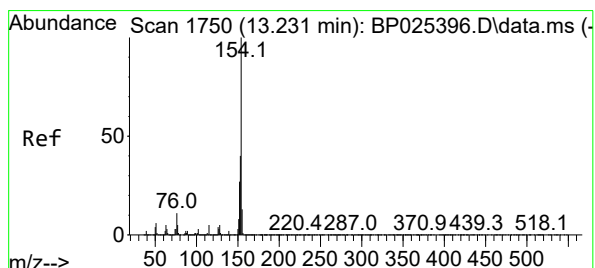
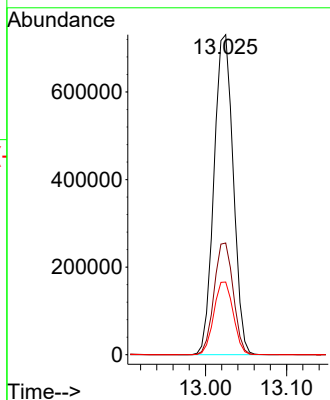
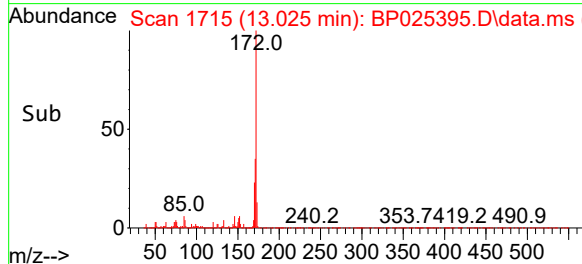
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:172 Resp: 1203064
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 22.7 18.6 28.0

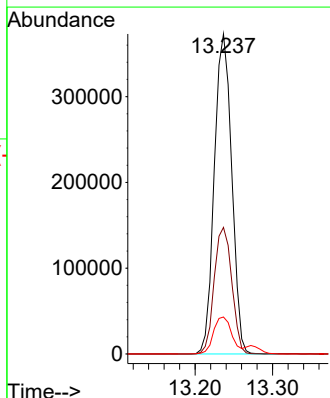
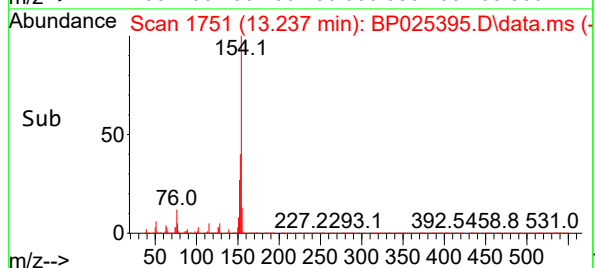
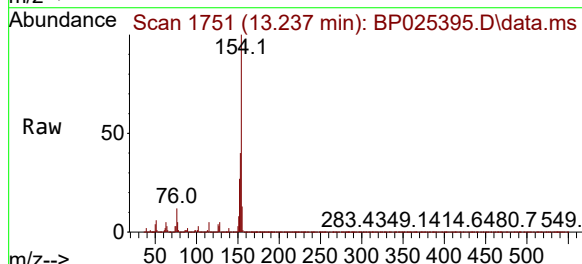
Manual Integrations
APPROVED

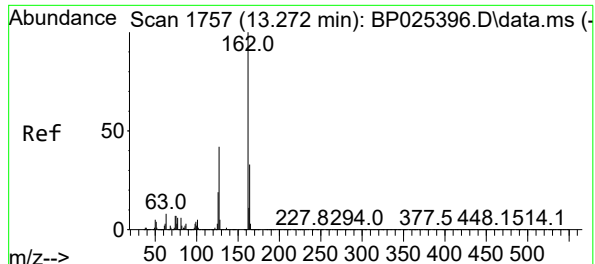
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#46
1,1'-Biphenyl
Concen: 20.064 ng
RT: 13.237 min Scan# 1751
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

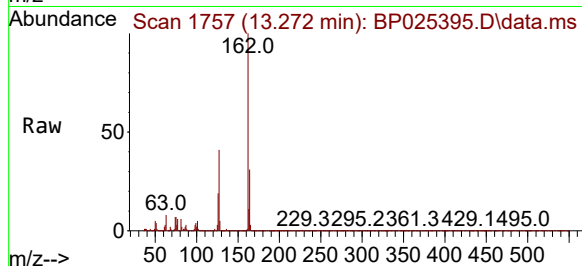
Tgt Ion:154 Resp: 581464
Ion Ratio Lower Upper
154 100
153 39.5 19.5 59.5
76 11.5 0.0 31.1





#47
2-Chloronaphthalene
Concen: 20.237 ng
RT: 13.272 min Scan# 1757
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

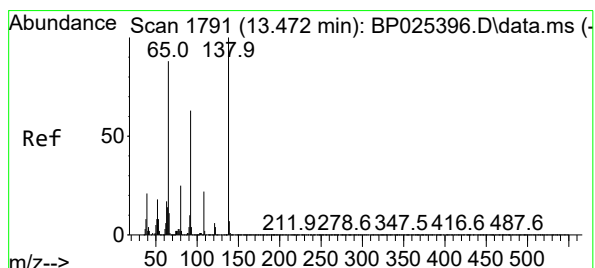
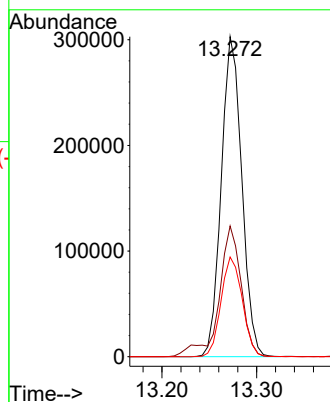
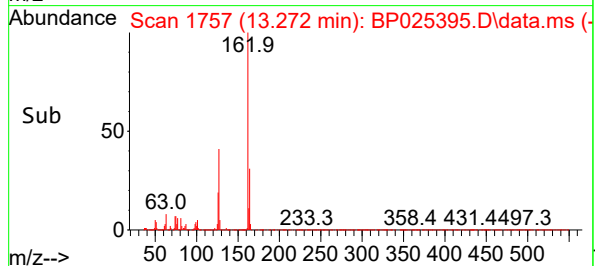
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



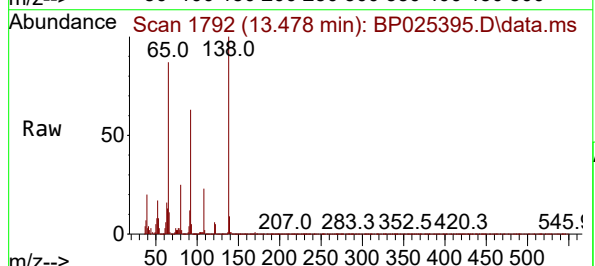
Tgt Ion: 162 Resp: 456552
Ion Ratio Lower Upper
162 100
127 40.9 33.4 50.2
164 31.2 26.2 39.2

Manual Integrations
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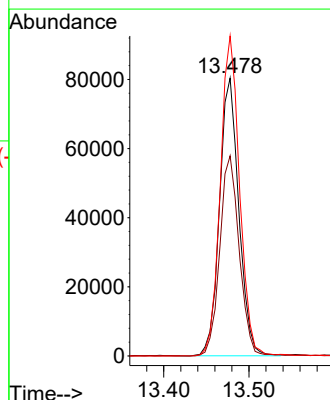
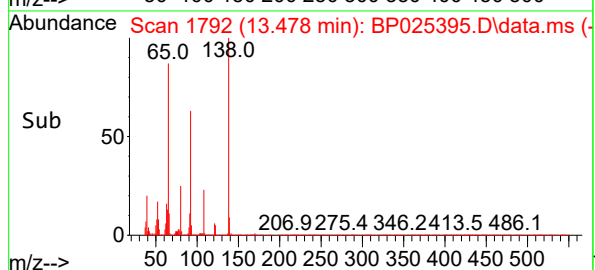
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

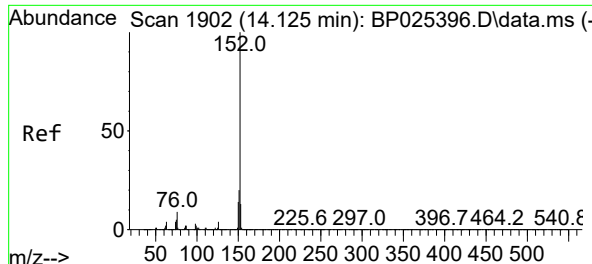


#48
2-Nitroaniline
Concen: 19.233 ng
RT: 13.478 min Scan# 1792
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38



Tgt Ion: 65 Resp: 126433
Ion Ratio Lower Upper
65 100
92 72.0 57.6 86.4
138 115.1 91.0 136.6





#49

Acenaphthylene

Concen: 19.756 ng

RT: 14.137 min Scan# 1904

Delta R.T. 0.012 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

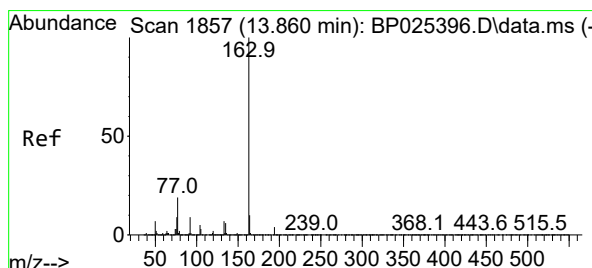
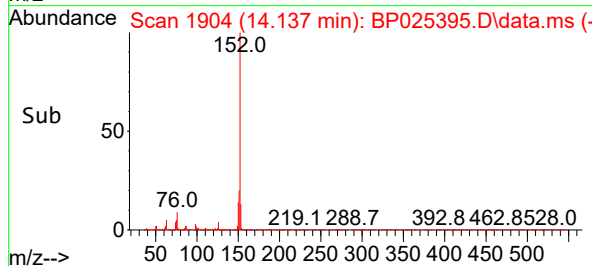
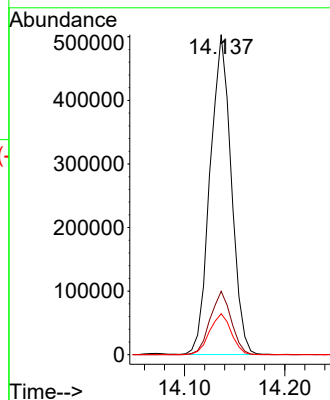
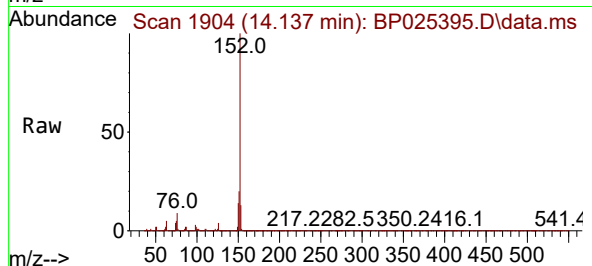
Tgt Ion:	152	Resp:	73752
Ion Ratio	Lower	Upper	
152	100		
151	19.8	16.0	24.0
153	12.8	10.6	15.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#50

Dimethylphthalate

Concen: 19.632 ng

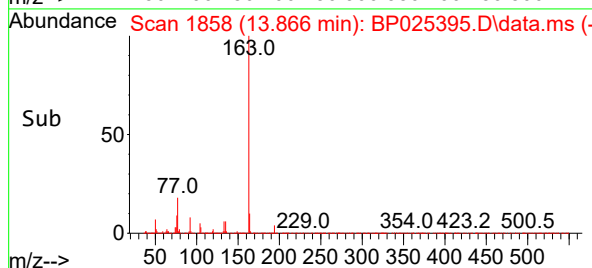
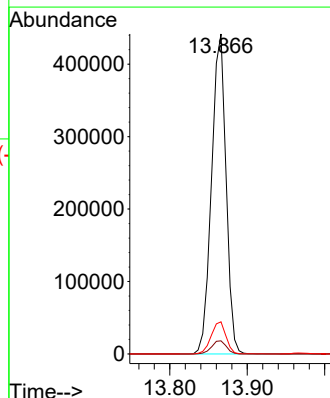
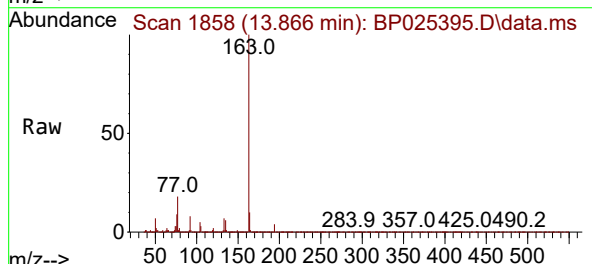
RT: 13.866 min Scan# 1858

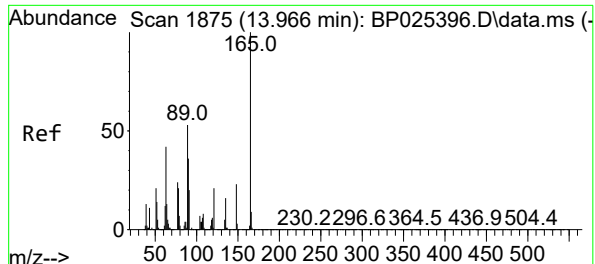
Delta R.T. 0.006 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

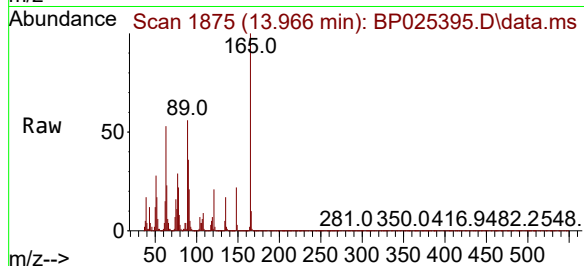
Tgt Ion:	163	Resp:	573661
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.4	5.0
164	10.1	7.9	11.9





#51
2,6-Dinitrotoluene
Concen: 19.597 ng
RT: 13.966 min Scan# 1875
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

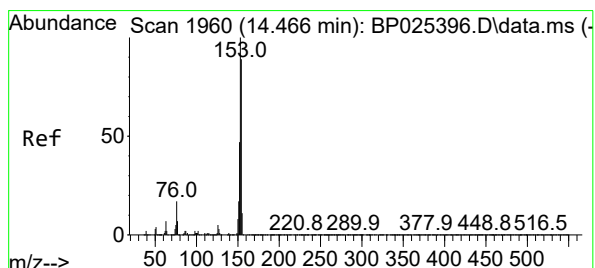
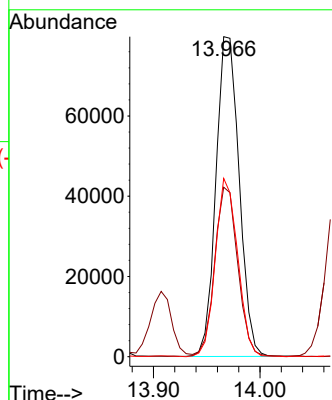
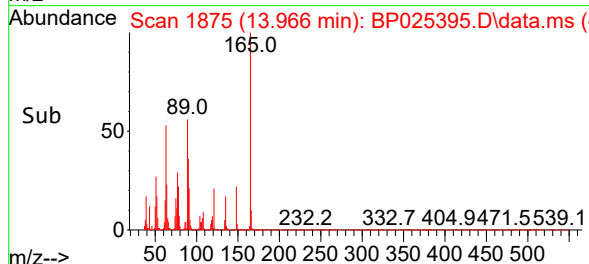
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:165 Resp: 12069
Ion Ratio Lower Upper
165 100
63 52.9 40.9 61.3
89 55.7 42.1 63.1

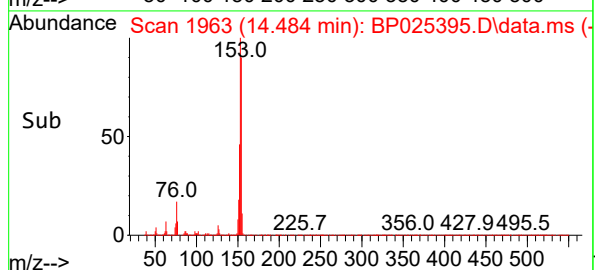
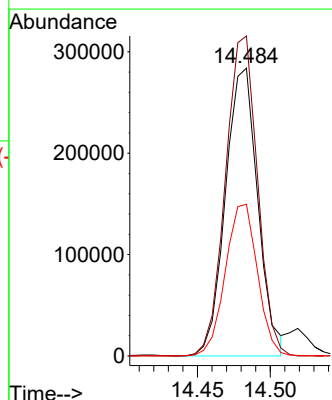
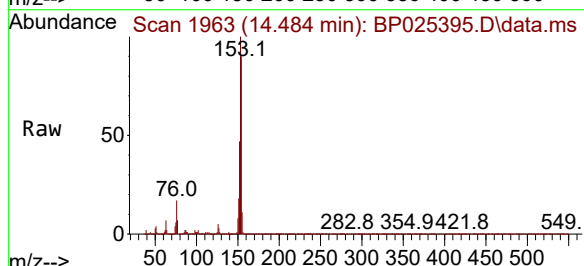
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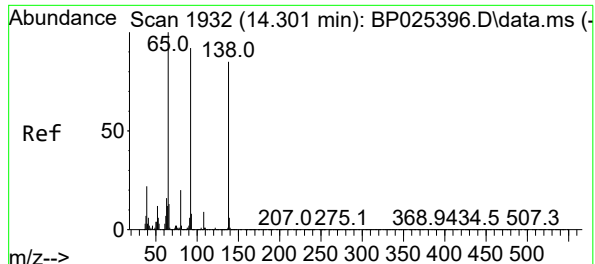
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#52
Acenaphthene
Concen: 20.027 ng m
RT: 14.484 min Scan# 1963
Delta R.T. 0.018 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

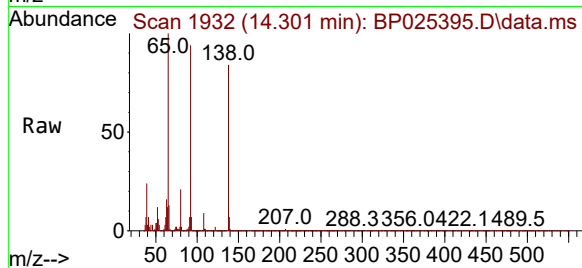
Tgt Ion:154 Resp: 438852
Ion Ratio Lower Upper
154 100
153 111.2 90.2 135.2
152 52.7 42.1 63.1





#53
3-Nitroaniline
Concen: 19.410 ng
RT: 14.301 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

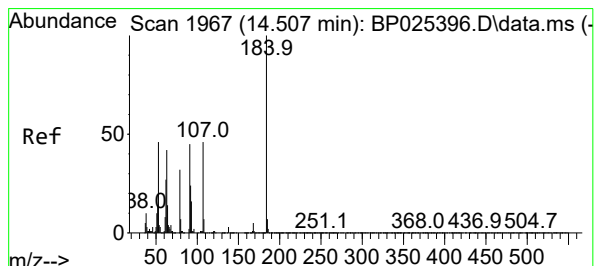
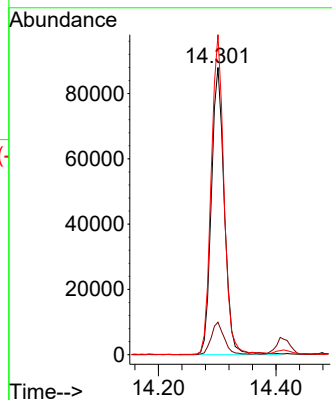
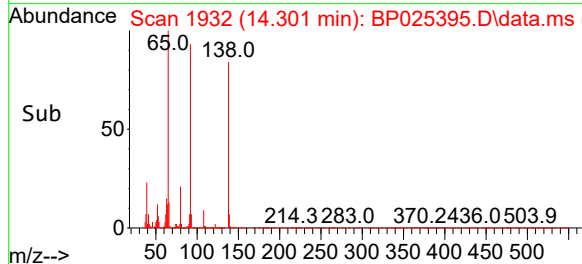
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:138 Resp: 134502
Ion Ratio Lower Upper
138 100
108 11.3 8.3 12.5
92 111.4 86.2 129.2

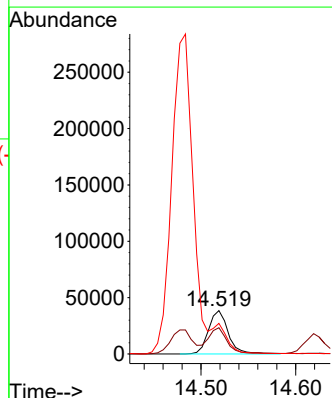
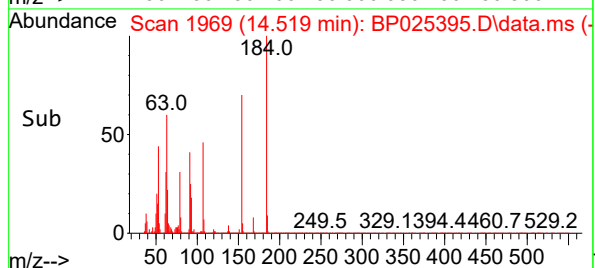
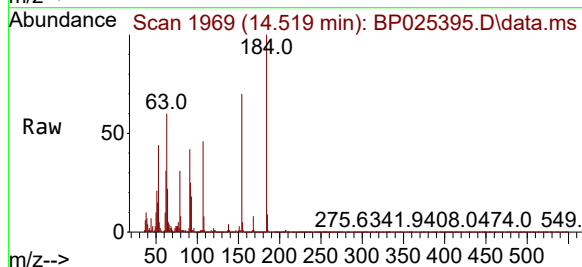
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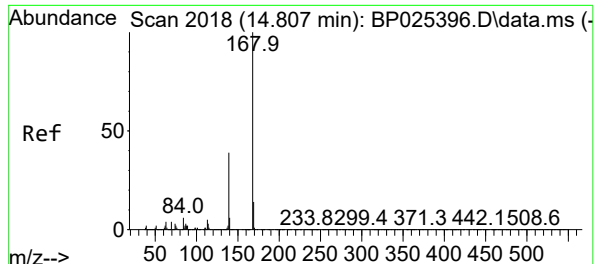
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#54
2,4-Dinitrophenol
Concen: 16.939 ng
RT: 14.519 min Scan# 1969
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:184 Resp: 55713
Ion Ratio Lower Upper
184 100
63 60.4 49.4 74.2
154 70.4 54.6 82.0





#55

Dibenzenofuran

Concen: 20.002 ng

RT: 14.819 min Scan# 2018

Delta R.T. 0.012 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:168 Resp: 692960

Ion Ratio Lower Upper

168 100

139 38.6 31.5 47.3

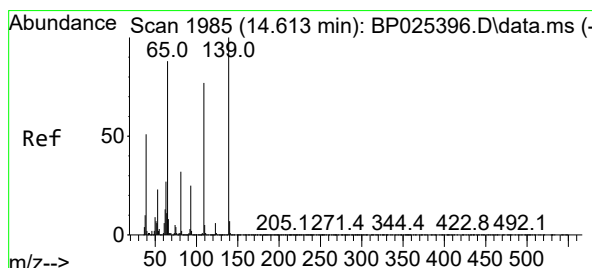
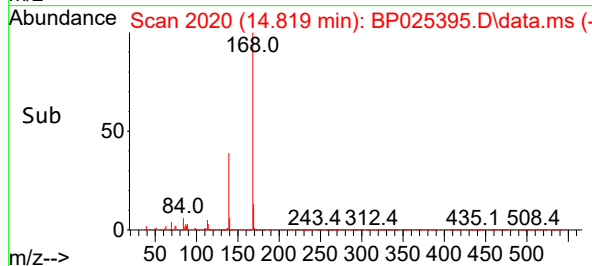
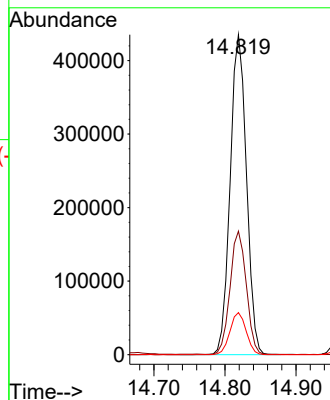
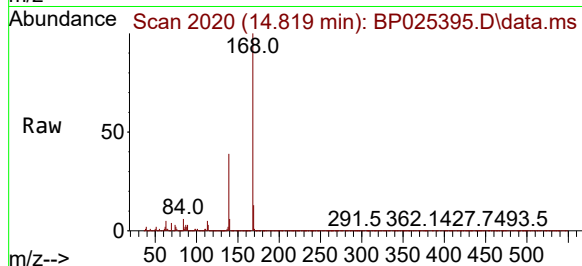
169 13.1 10.9 16.3

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#56

4-Nitrophenol

Concen: 18.578 ng

RT: 14.619 min Scan# 1986

Delta R.T. 0.006 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

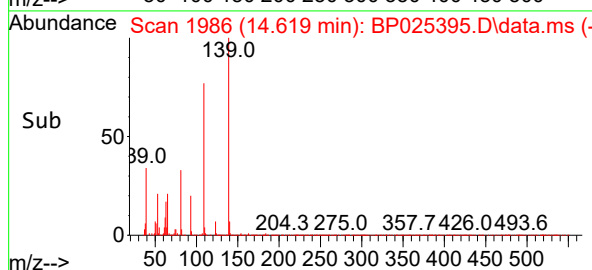
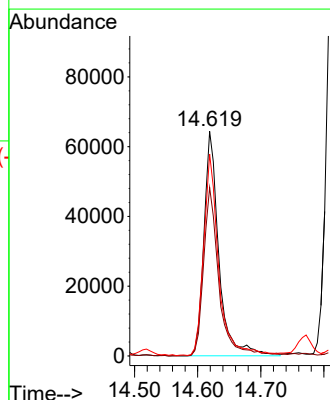
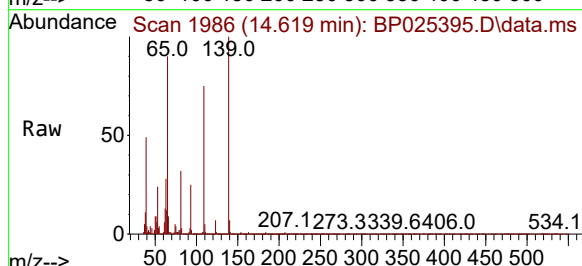
Tgt Ion:139 Resp: 105787

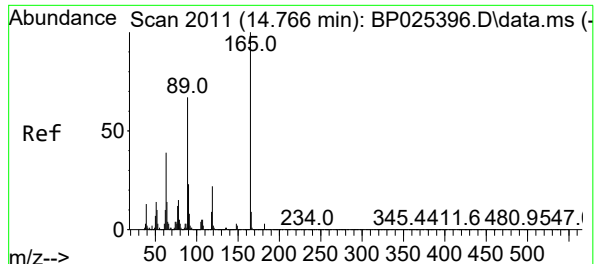
Ion Ratio Lower Upper

139 100

109 75.0 56.6 96.6

65 89.8 68.2 108.2





#57

2,4-Dinitrotoluene

Concen: 19.576 ng

RT: 14.772 min Scan# 2011

Delta R.T. 0.006 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:165 Resp: 172020

Ion Ratio Lower Upper

165 100

63 37.8 31.4 47.2

89 62.8 53.3 79.9

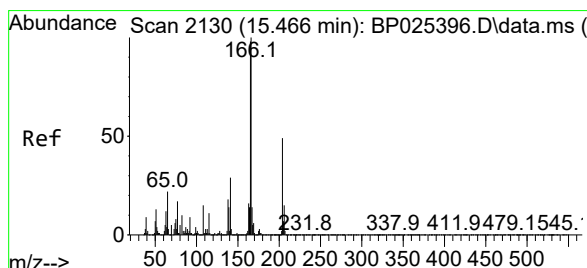
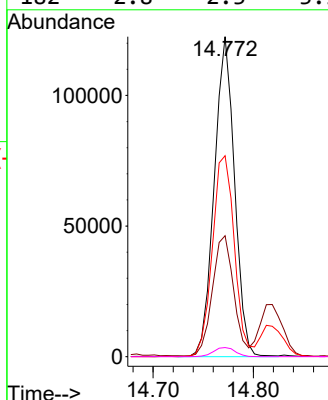
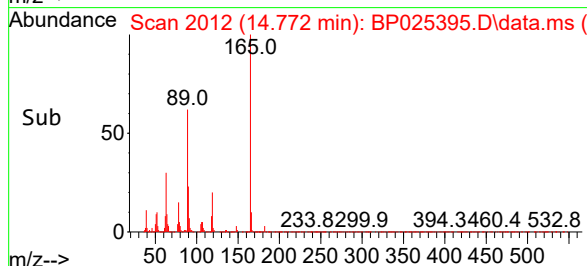
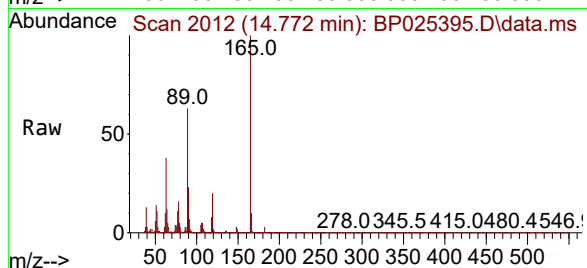
182 2.8 2.3 3.5

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#58

Fluorene

Concen: 20.289 ng

RT: 15.478 min Scan# 2132

Delta R.T. 0.012 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

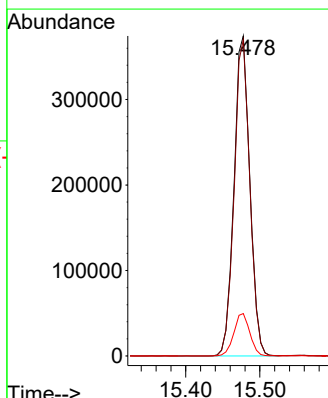
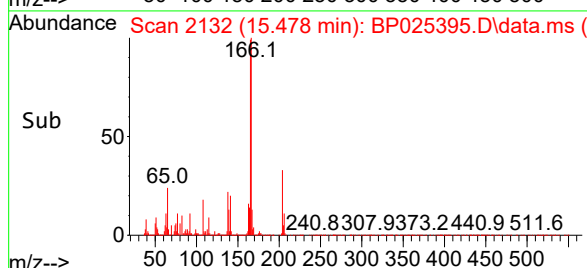
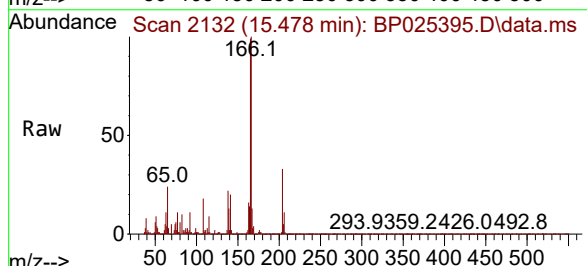
Tgt Ion:166 Resp: 554647

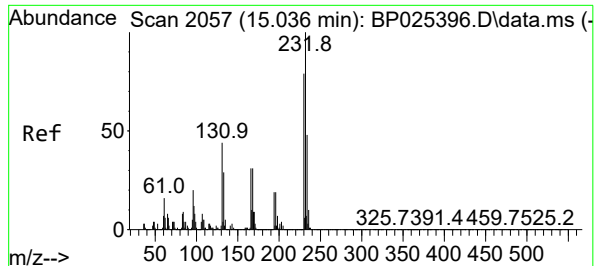
Ion Ratio Lower Upper

166 100

165 98.8 78.8 118.2

167 13.3 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 19.381 ng

RT: 15.048 min Scan# 2057

Delta R.T. 0.012 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:232 Resp: 145920

Ion Ratio Lower Upper

232 100

131 45.5 37.0 55.6

130 2.7 1.9 2.9

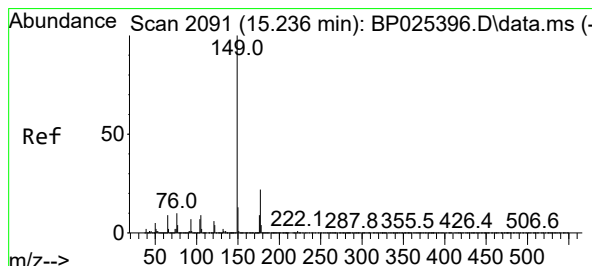
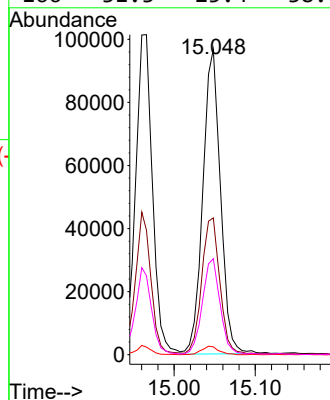
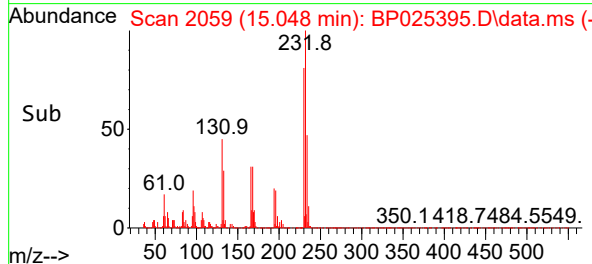
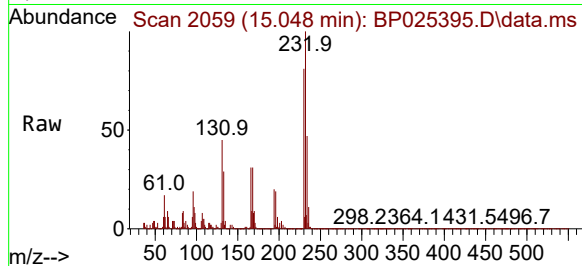
166 31.3 25.4 38.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#60

Diethylphthalate

Concen: 19.689 ng

RT: 15.248 min Scan# 2093

Delta R.T. 0.012 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

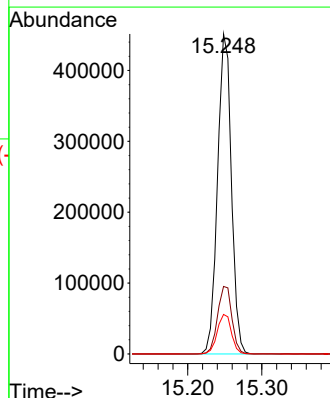
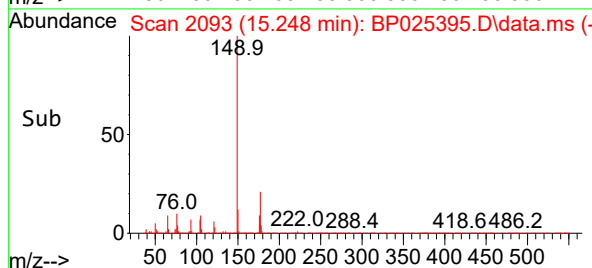
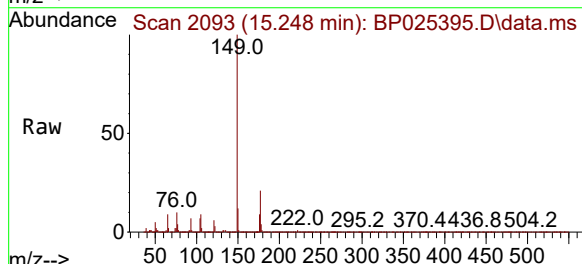
Tgt Ion:149 Resp: 584590

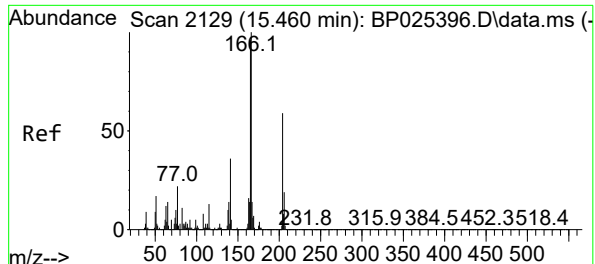
Ion Ratio Lower Upper

149 100

177 21.1 17.3 25.9

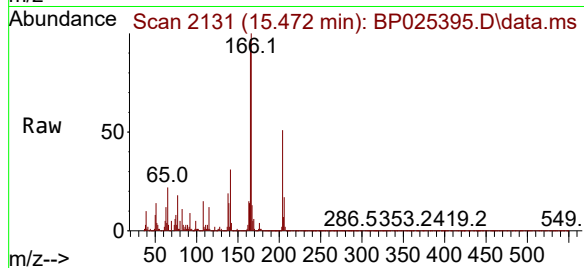
150 12.4 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 19.929 ng
RT: 15.472 min Scan# 2113
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

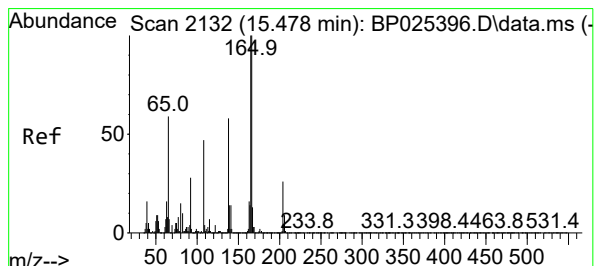
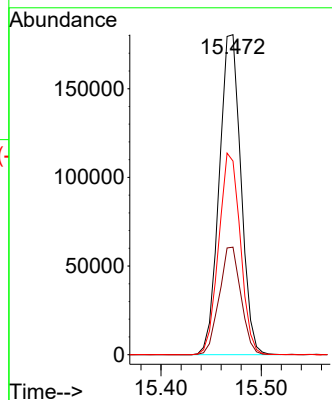
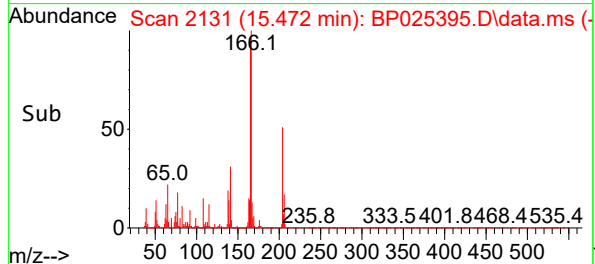
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:204 Resp: 270949
Ion Ratio Lower Upper
204 100
206 33.6 25.8 38.8
141 60.5 49.4 74.2

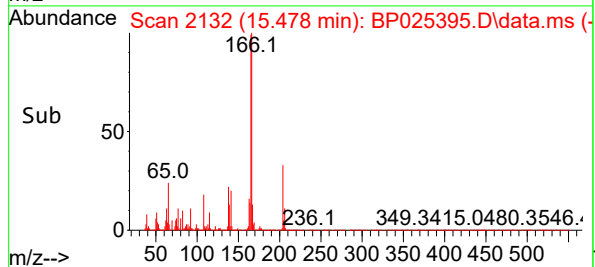
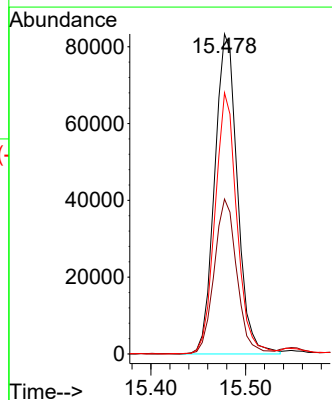
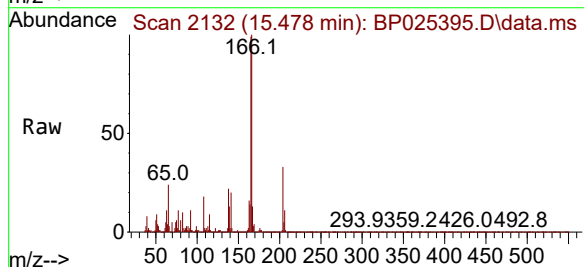
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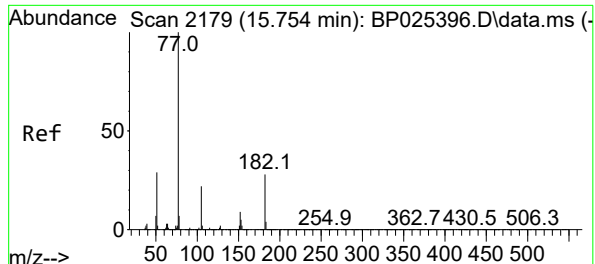
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#62
4-Nitroaniline
Concen: 19.595 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

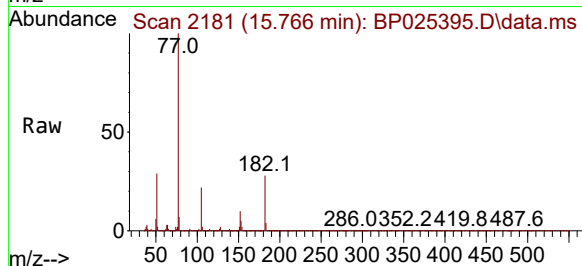
Tgt Ion:138 Resp: 139202
Ion Ratio Lower Upper
138 100
92 48.4 29.1 69.1
108 81.6 61.5 101.5





#63
Azobenzene
Concen: 20.004 ng
RT: 15.766 min Scan# 2179
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

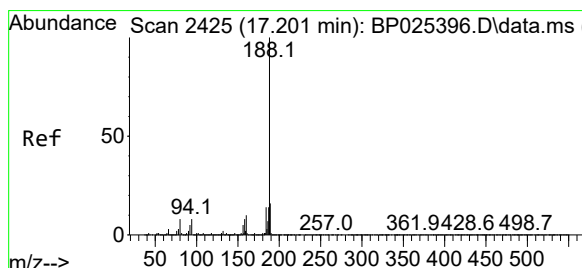
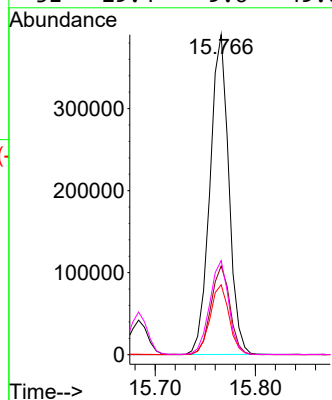
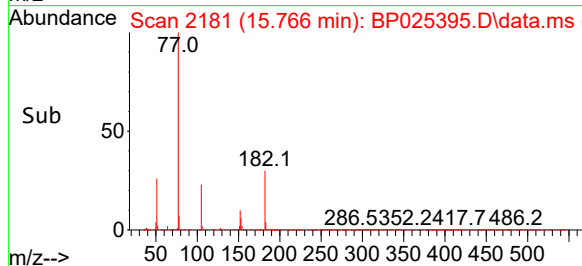
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 77 Resp: 50856
Ion Ratio Lower Upper
77 100
182 27.7 7.5 47.5
105 21.9 2.1 42.1
51 29.4 9.6 49.6

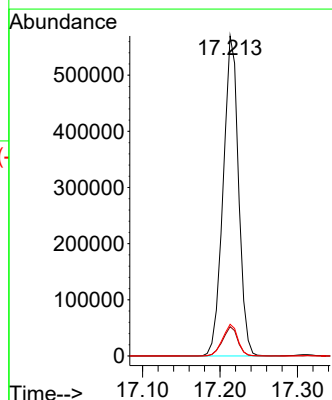
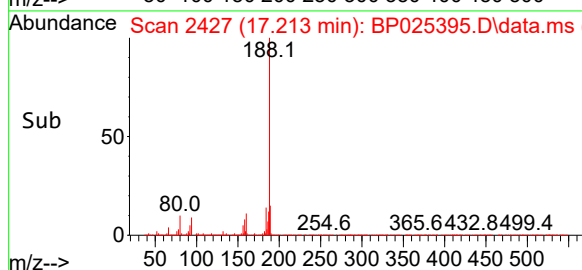
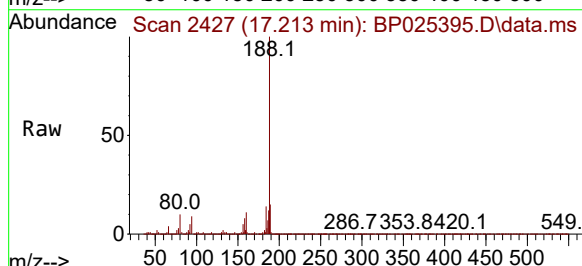
Manual Integrations
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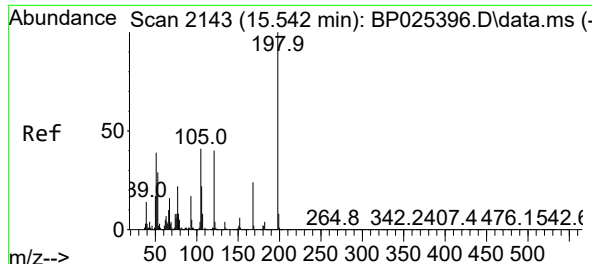
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.213 min Scan# 2427
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

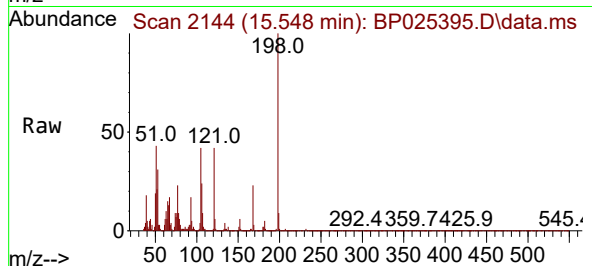
Tgt Ion:188 Resp: 785736
Ion Ratio Lower Upper
188 100
94 9.1 6.6 10.0
80 9.9 6.7 10.1





#65
4,6-Dinitro-2-methylphenol
Concen: 18.169 ng
RT: 15.548 min Scan# 2143
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

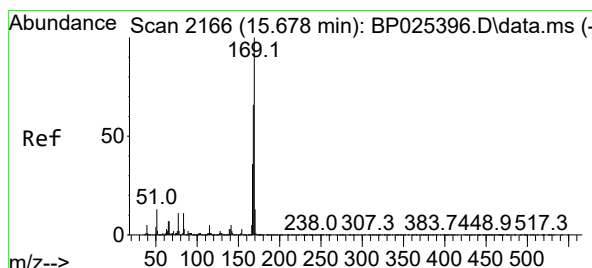
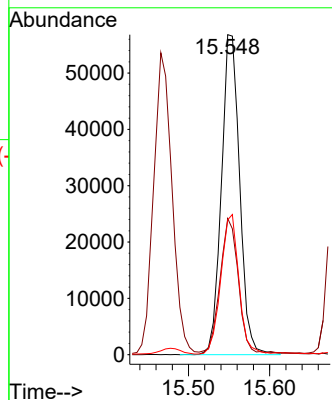
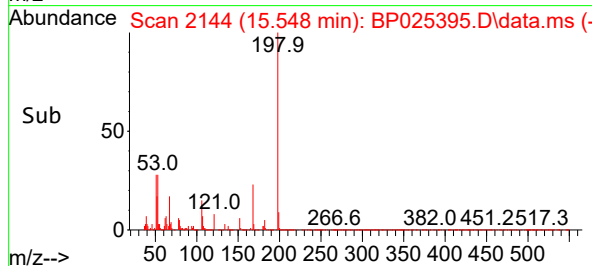
Instrument :
BNA_P
Client Sample Id :
SSTDICC020



Tgt Ion:198 Resp: 88992
Ion Ratio Lower Upper
198 100
51 42.6 19.6 59.6
105 42.2 20.9 60.9

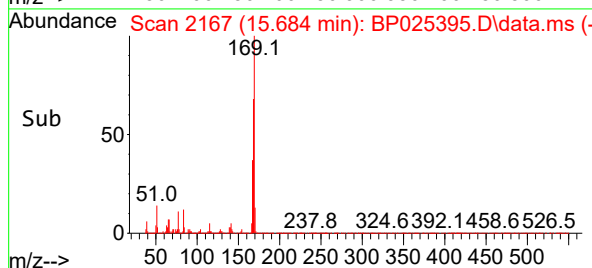
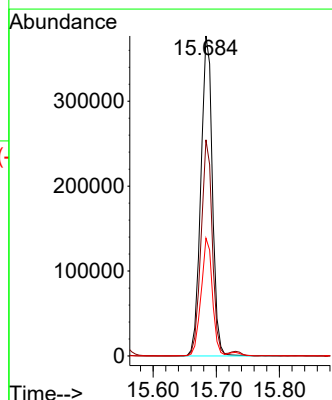
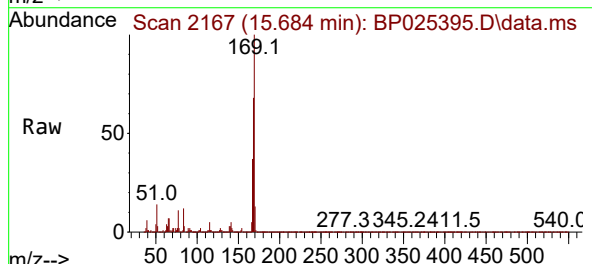
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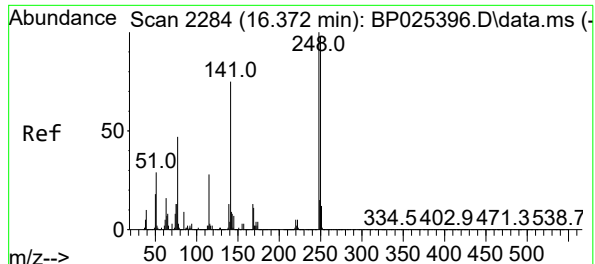
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#66
n-Nitrosodiphenylamine
Concen: 19.911 ng
RT: 15.684 min Scan# 2167
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:169 Resp: 477080
Ion Ratio Lower Upper
169 100
168 67.5 53.2 79.8
167 36.8 28.7 43.1





#67

4-Bromophenyl-phenylether

Concen: 19.758 ng

RT: 16.389 min Scan# 21

Delta R.T. 0.018 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:248 Resp: 170738

Ion Ratio Lower Upper

248 100

250 101.4 78.2 117.2

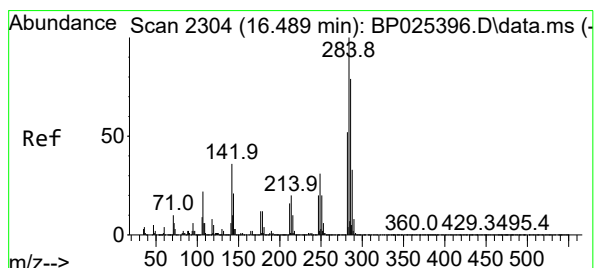
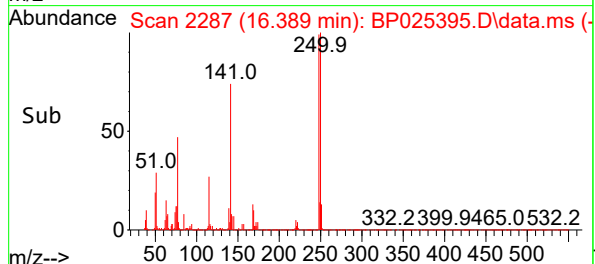
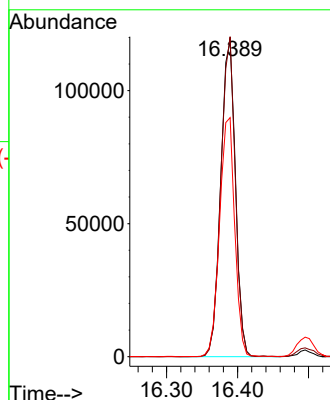
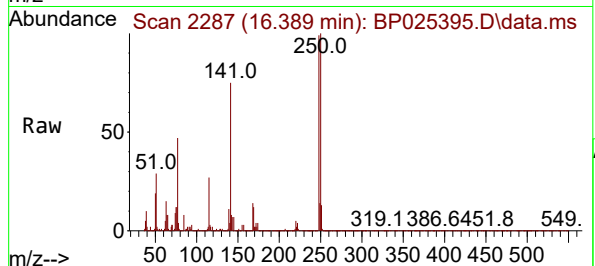
141 75.7 59.6 89.4

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#68

Hexachlorobenzene

Concen: 19.906 ng

RT: 16.495 min Scan# 2305

Delta R.T. 0.006 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

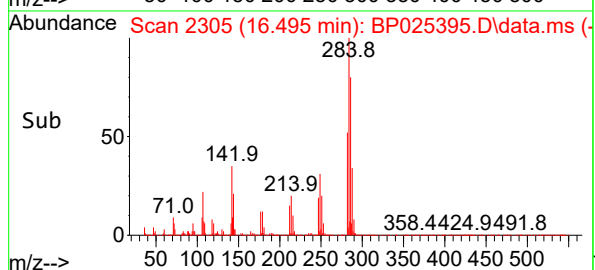
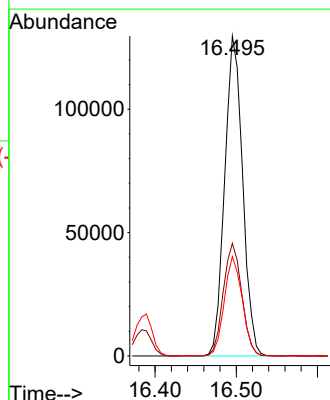
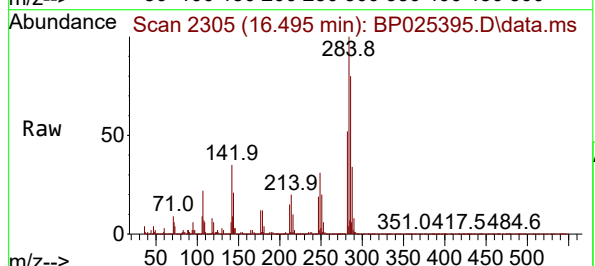
Tgt Ion:284 Resp: 199410

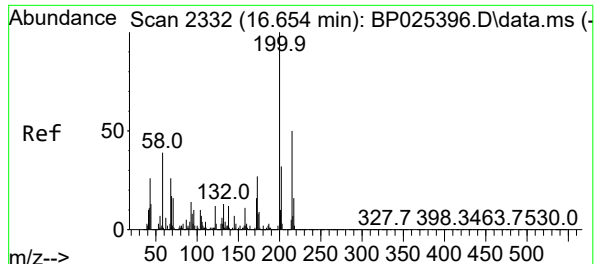
Ion Ratio Lower Upper

284 100

142 35.2 29.1 43.7

249 31.0 25.0 37.4





#69

Atrazine

Concen: 20.006 ng

RT: 16.666 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:200 Resp: 17951

Ion Ratio Lower Upper

200 100

173 26.4 6.7 46.7

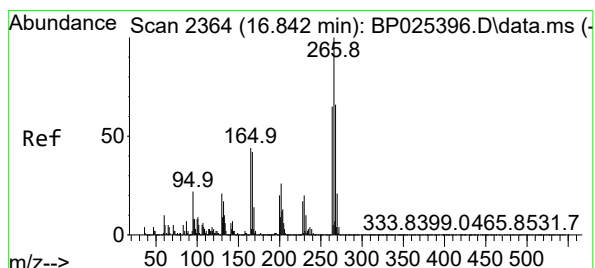
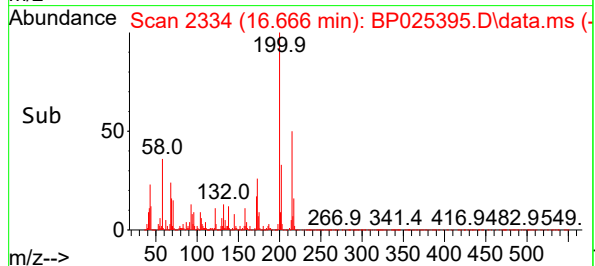
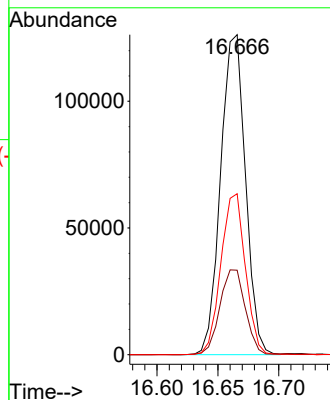
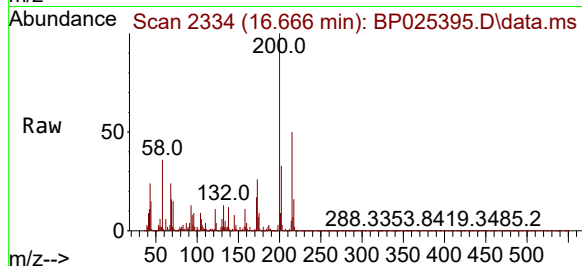
215 50.3 29.7 69.7

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#70

Pentachlorophenol

Concen: 19.128 ng

RT: 16.848 min Scan# 2365

Delta R.T. 0.006 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

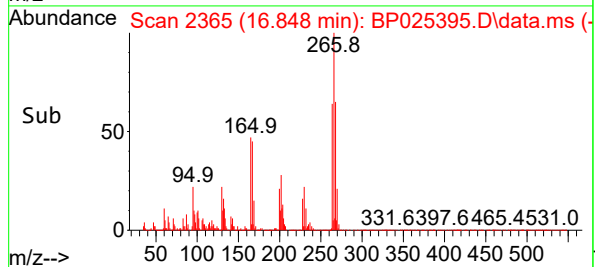
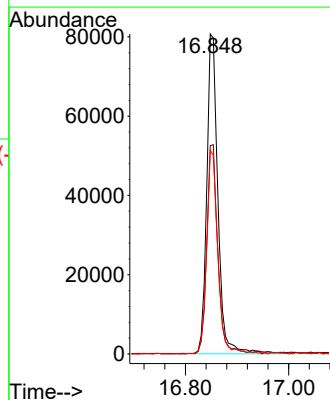
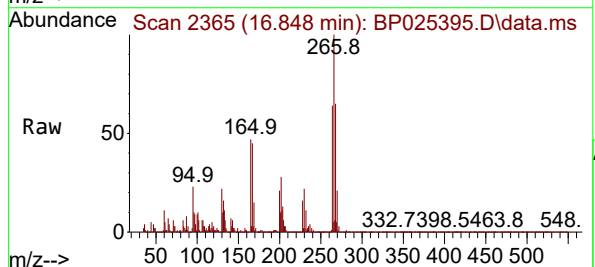
Tgt Ion:266 Resp: 120958

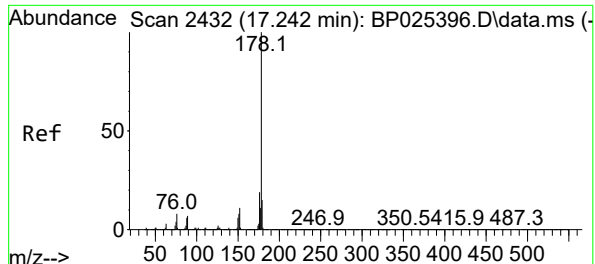
Ion Ratio Lower Upper

266 100

268 65.1 52.6 79.0

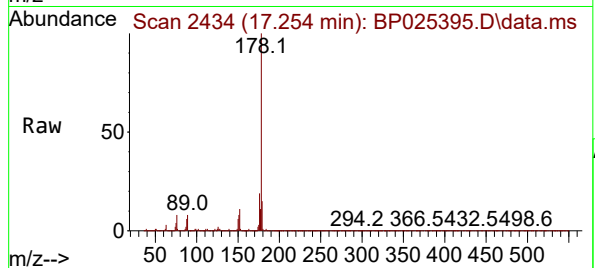
264 63.6 52.0 78.0





#71
Phenanthrene
Concen: 20.223 ng
RT: 17.254 min Scan# 2432
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

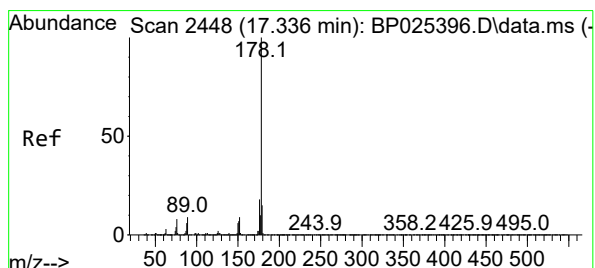
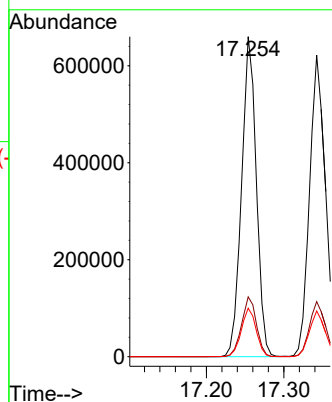
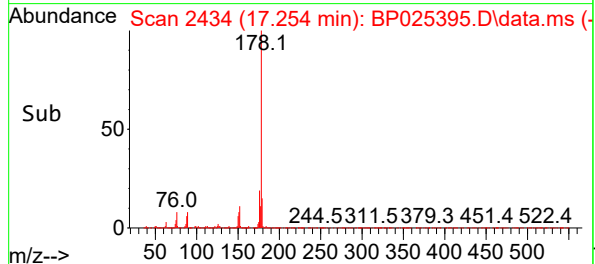
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:178 Resp: 872890
Ion Ratio Lower Upper
178 100
176 18.7 15.5 23.3
179 15.2 12.2 18.4

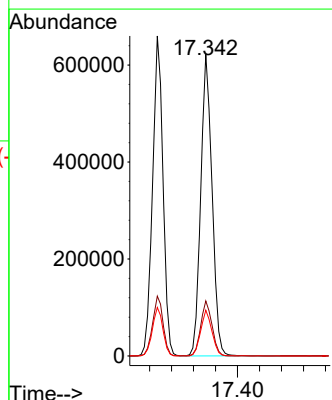
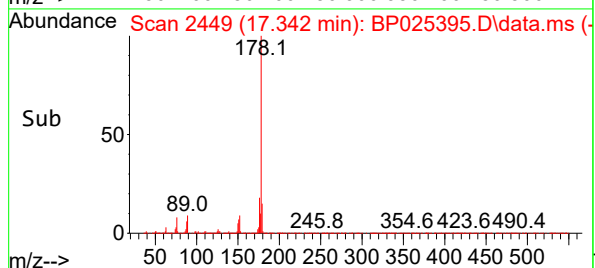
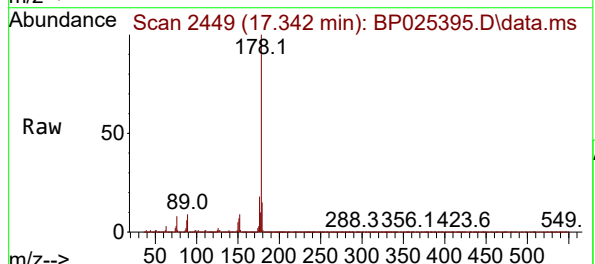
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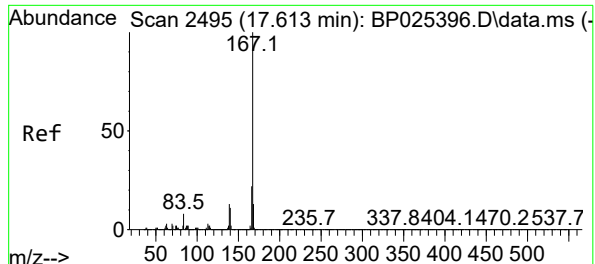
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#72
Anthracene
Concen: 20.198 ng
RT: 17.342 min Scan# 2449
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

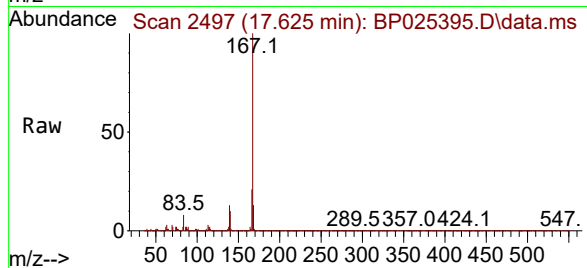
Tgt Ion:178 Resp: 890292
Ion Ratio Lower Upper
178 100
176 18.3 14.7 22.1
179 15.2 12.2 18.2





#73
 Carbazole
 Concen: 20.328 ng
 RT: 17.625 min Scan# 2497
 Delta R.T. 0.012 min
 Lab File: BP025395.D
 Acq: 14 Aug 2025 14:38

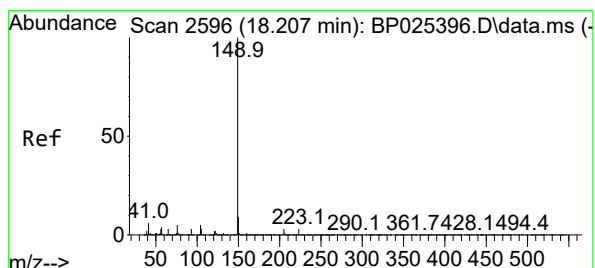
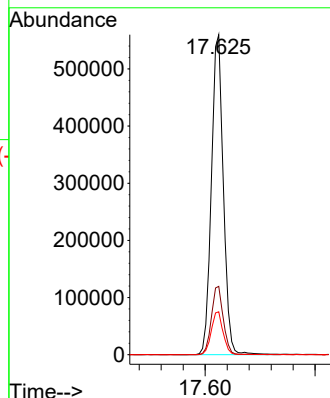
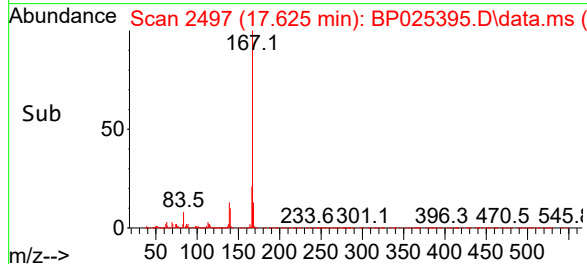
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC020



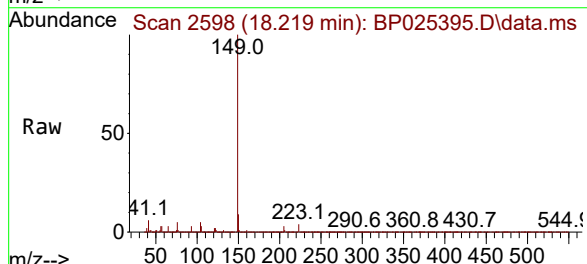
Tgt Ion:167 Resp: 843970
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.5 26.3
 139 13.4 10.6 16.0

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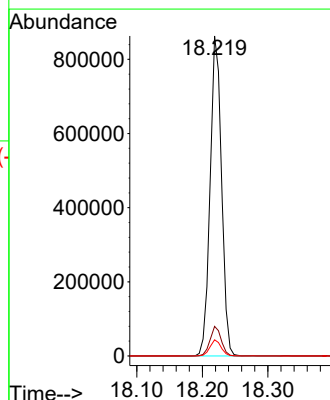
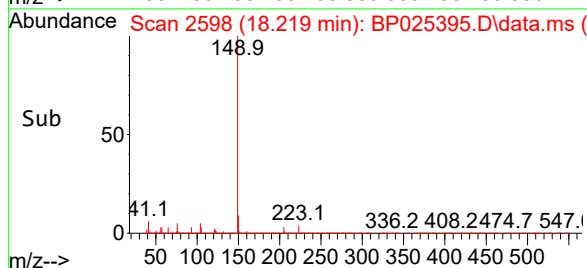
Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

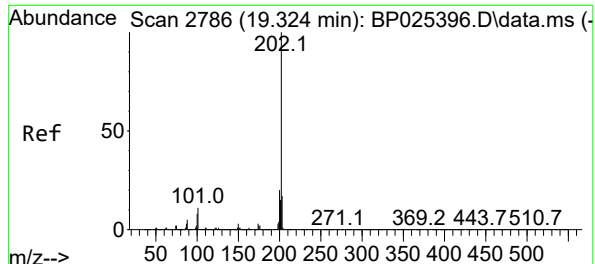


#74
 Di-n-butylphthalate
 Concen: 20.491 ng
 RT: 18.219 min Scan# 2598
 Delta R.T. 0.012 min
 Lab File: BP025395.D
 Acq: 14 Aug 2025 14:38



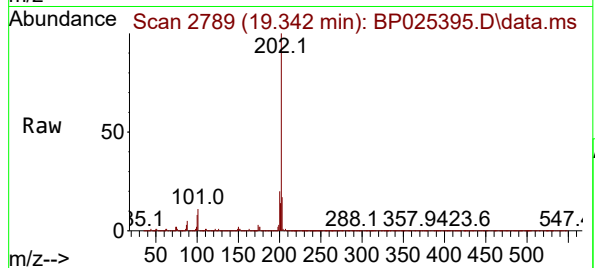
Tgt Ion:149 Resp: 1046709
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.1 4.2 6.2





#75
Fluoranthene
Concen: 20.567 ng
RT: 19.342 min Scan# 21
Delta R.T. 0.018 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

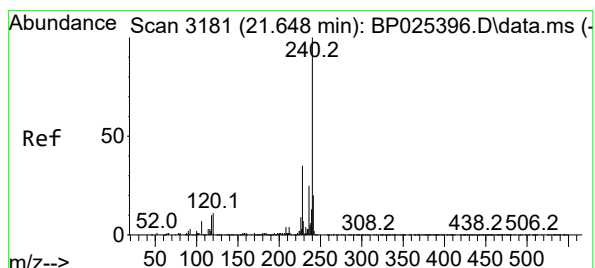
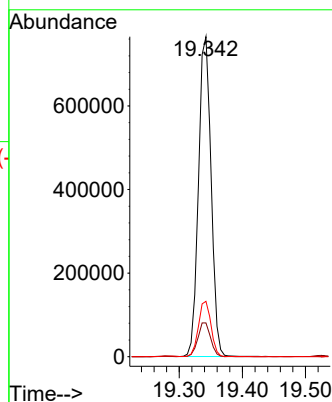
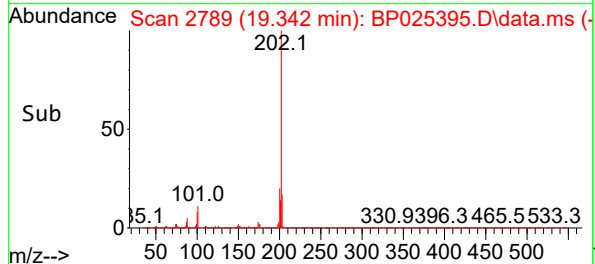
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:202 Resp: 105891
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.1
203 17.3 0.0 37.3

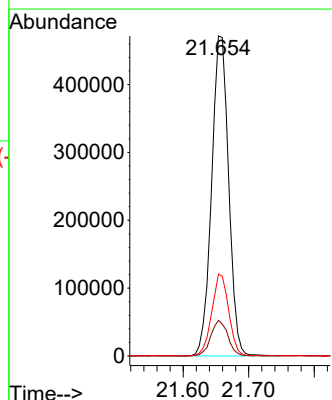
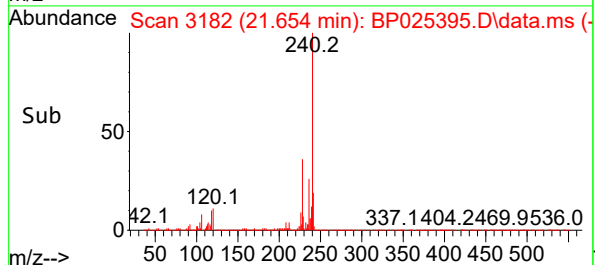
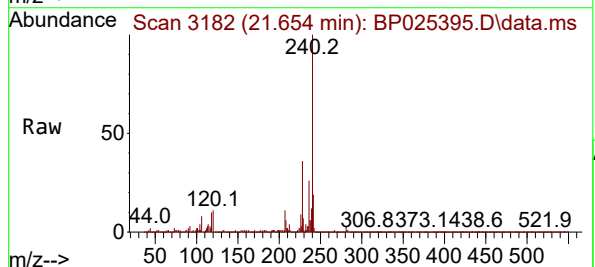
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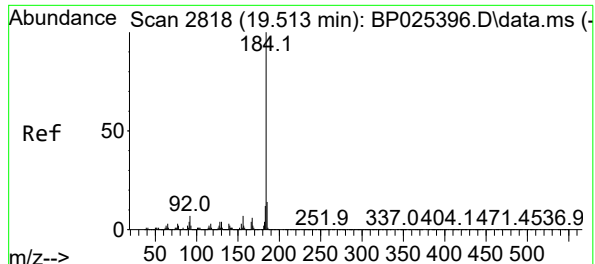
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.654 min Scan# 3182
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

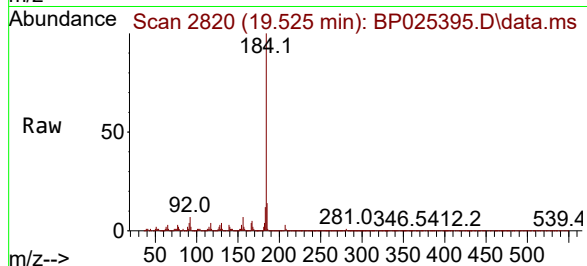
Tgt Ion:240 Resp: 852065
Ion Ratio Lower Upper
240 100
120 11.2 8.9 13.3
236 25.6 19.8 29.8





#77
Benzidine
Concen: 18.799 ng
RT: 19.525 min Scan# 2820
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

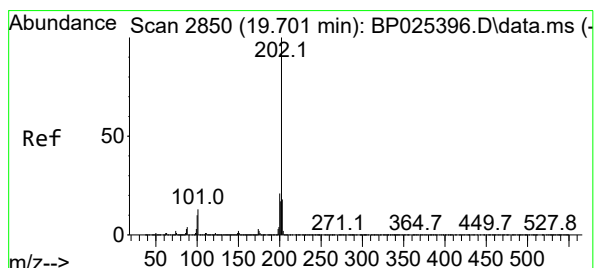
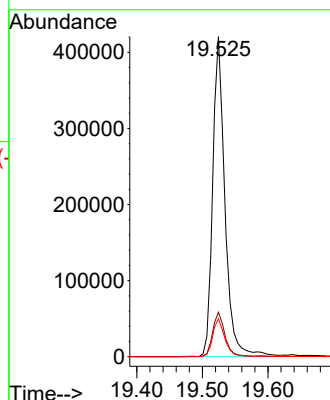
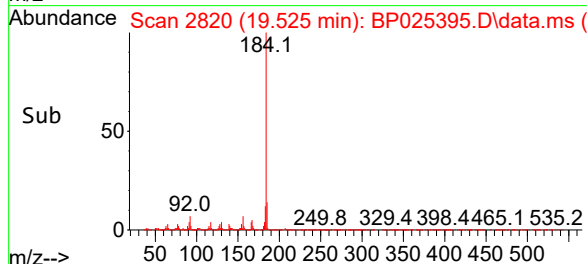
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:184 Resp: 54664
Ion Ratio Lower Upper
184 100
185 13.9 11.5 17.3
183 11.9 9.4 14.2

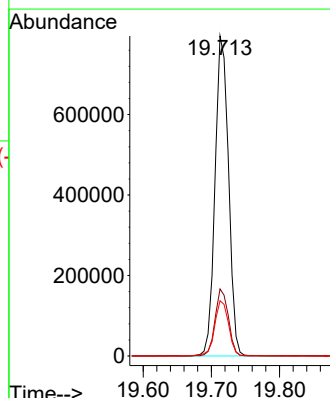
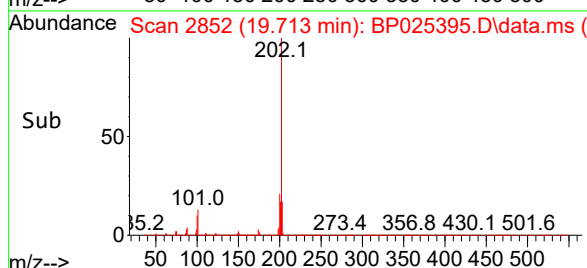
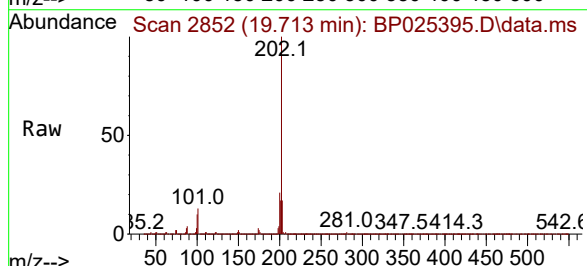
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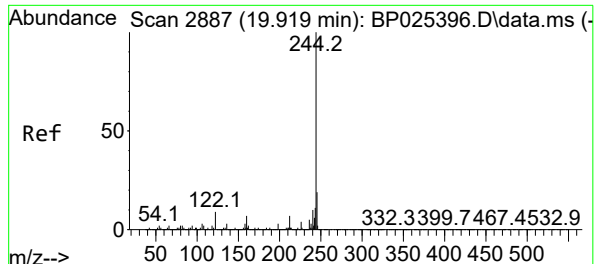
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#78
Pyrene
Concen: 19.807 ng
RT: 19.713 min Scan# 2852
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

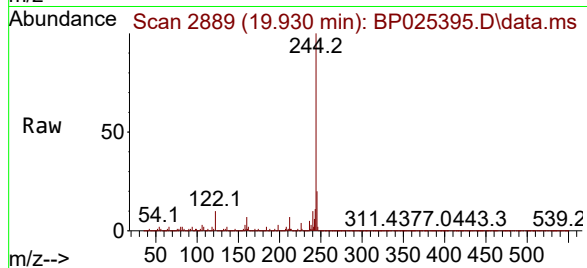
Tgt Ion:202 Resp: 1096965
Ion Ratio Lower Upper
202 100
200 21.0 16.9 25.3
203 17.3 14.2 21.2





#79
Terphenyl-d14
Concen: 40.152 ng
RT: 19.930 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

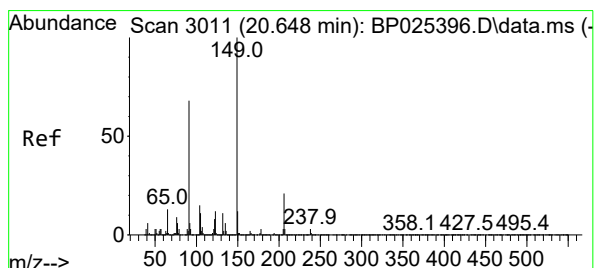
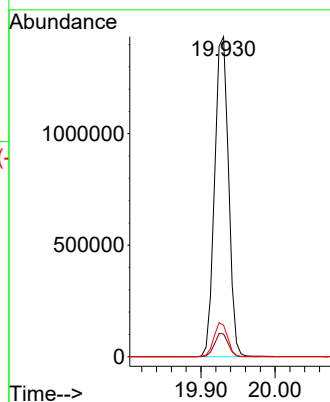
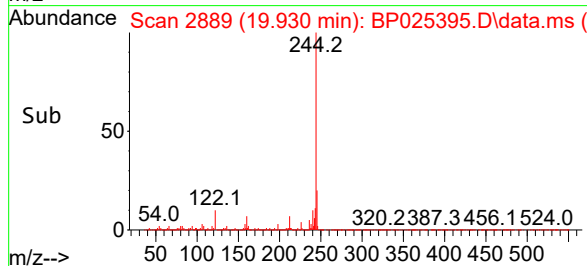
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:244 Resp: 186995
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 9.9 7.4 11.2

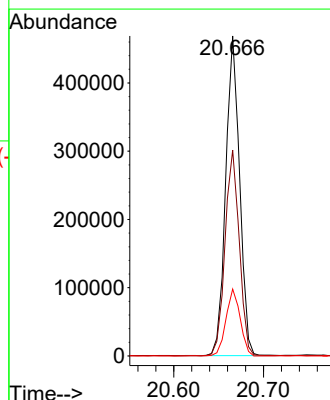
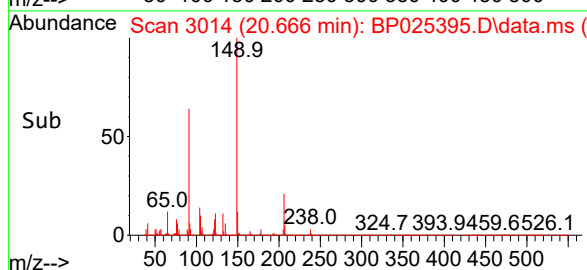
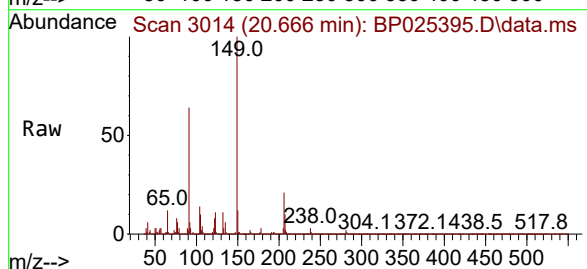
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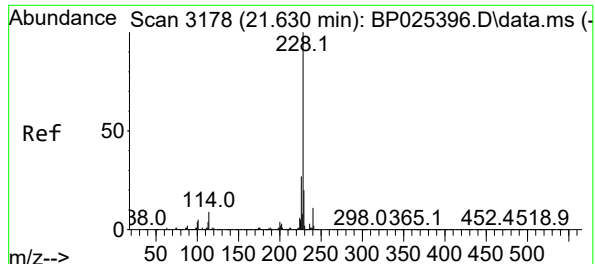
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#80
Butylbenzylphthalate
Concen: 20.081 ng
RT: 20.666 min Scan# 3014
Delta R.T. 0.018 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

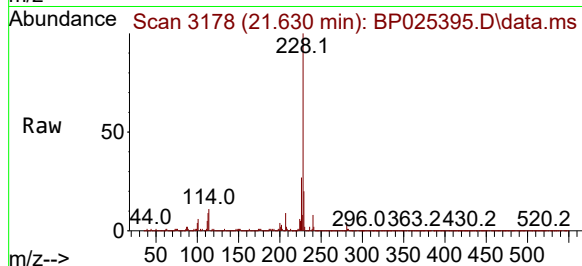
Tgt Ion:149 Resp: 504019
Ion Ratio Lower Upper
149 100
91 64.4 54.2 81.2
206 20.9 16.6 24.8





#81
Benzo(a)anthracene
Concen: 19.906 ng
RT: 21.630 min Scan# 3178
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

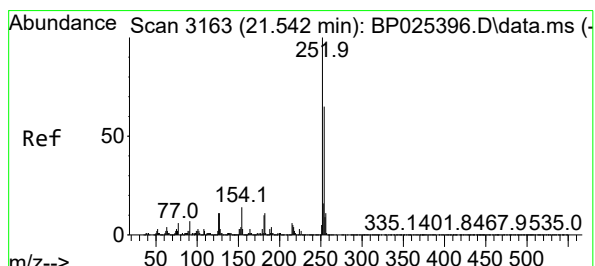
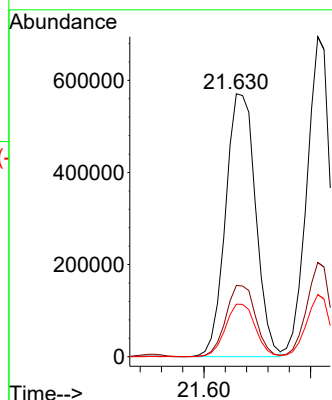
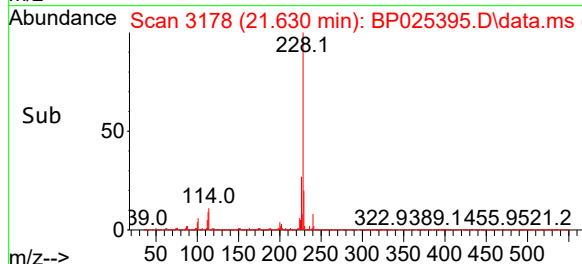
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:228 Resp: 1118590
Ion Ratio Lower Upper
228 100
226 27.1 21.7 32.5
229 19.9 15.6 23.4

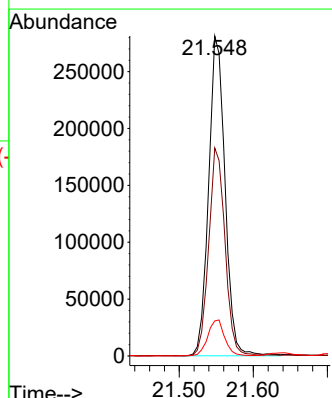
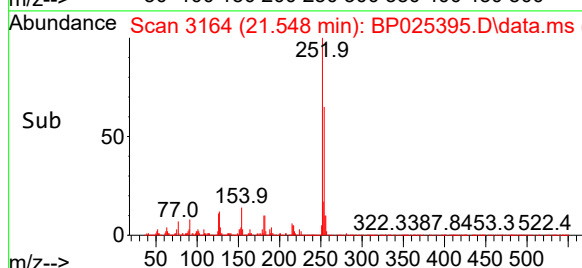
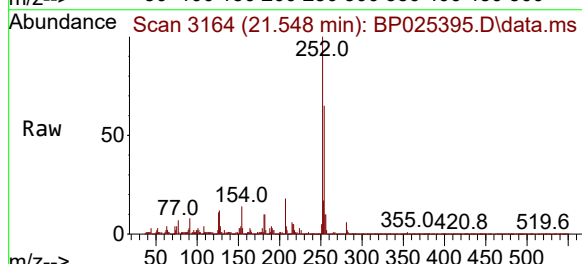
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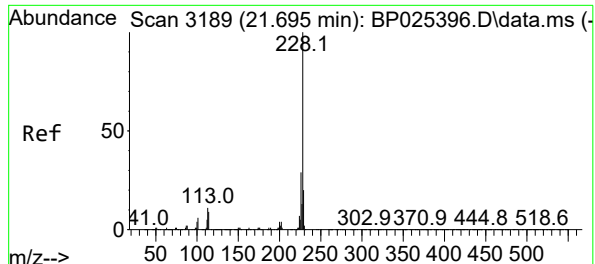
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#82
3,3'-Dichlorobenzidine
Concen: 20.399 ng
RT: 21.548 min Scan# 3164
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion:252 Resp: 432075
Ion Ratio Lower Upper
252 100
254 65.0 51.8 77.6
126 10.9 9.1 13.7





#83

Chrysene

Concen: 20.216 ng

RT: 21.707 min Scan# 3189

Delta R.T. 0.012 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:228 Resp: 106389

Ion Ratio Lower Upper

228 100

226 29.4 23.2 34.8

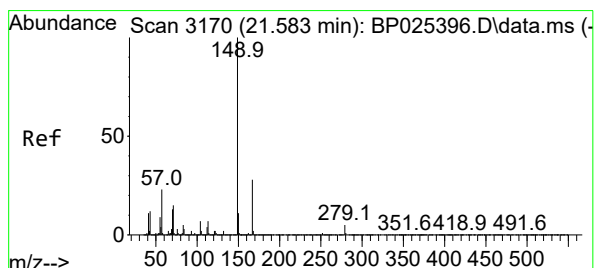
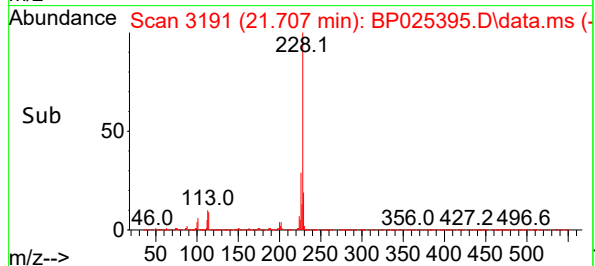
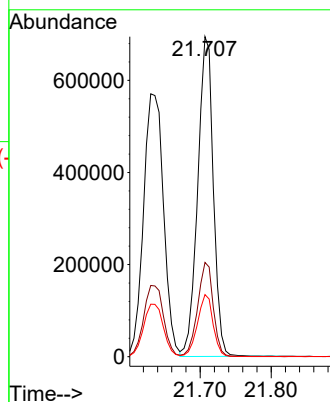
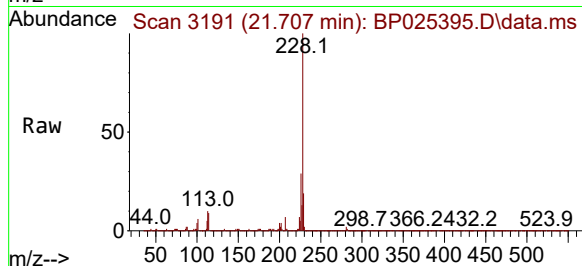
229 19.4 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 20.155 ng

RT: 21.577 min Scan# 3169

Delta R.T. -0.006 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

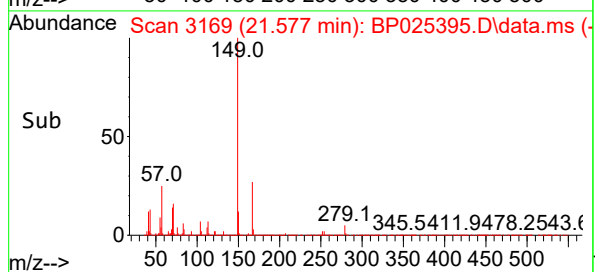
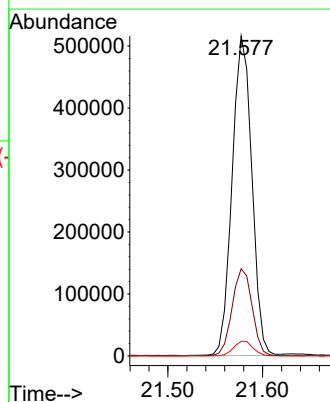
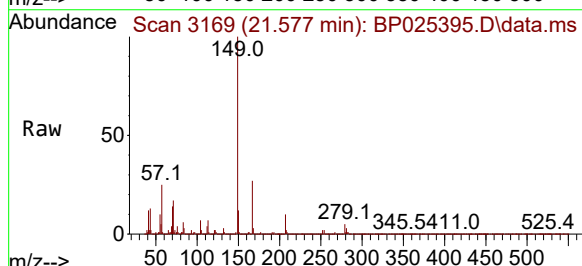
Tgt Ion:149 Resp: 744704

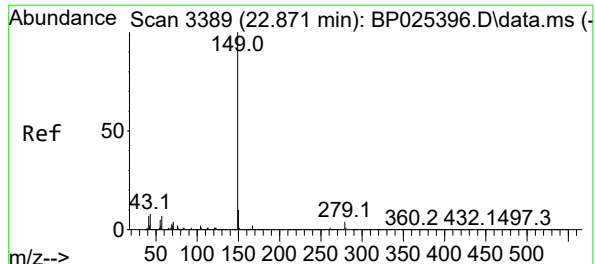
Ion Ratio Lower Upper

149 100

167 27.3 22.1 33.1

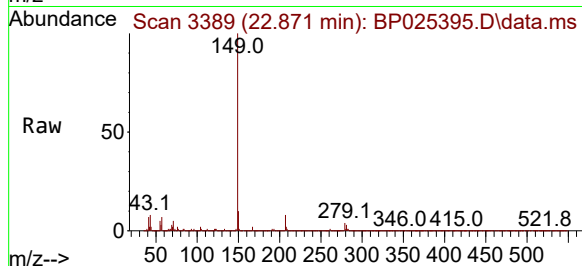
279 4.6 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 20.091 ng
RT: 22.871 min Scan# 3389
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

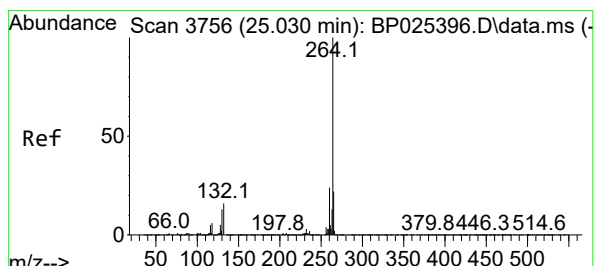
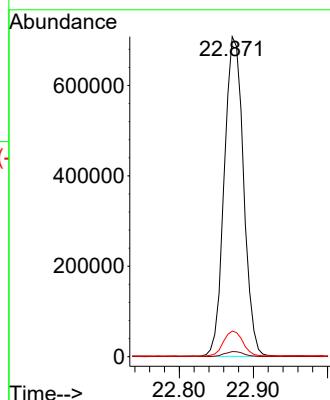
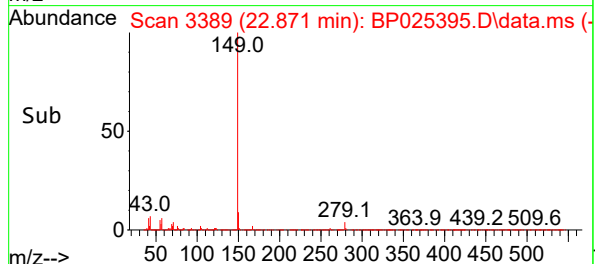
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



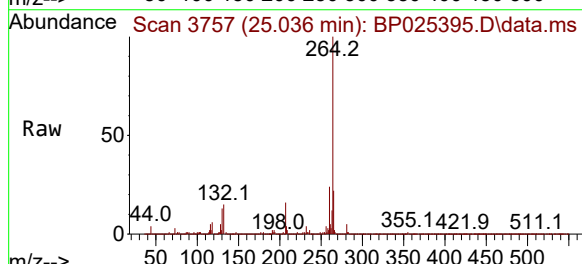
Tgt Ion:149 Resp: 1276798
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.9 6.3 9.5

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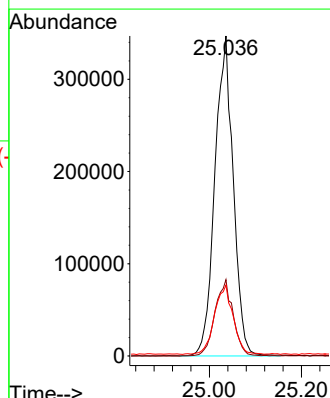
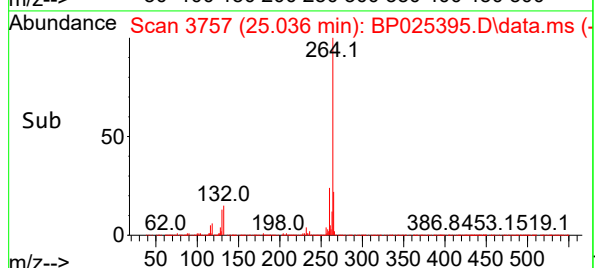
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

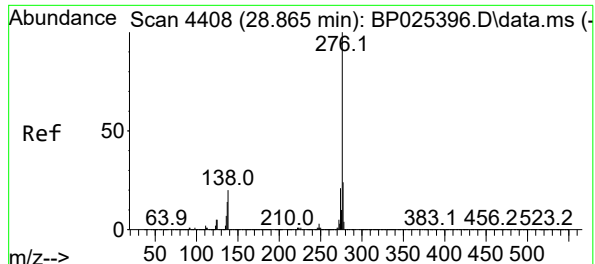


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.036 min Scan# 3757
Delta R.T. 0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38



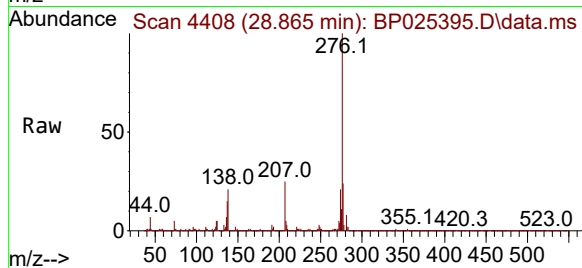
Tgt Ion:264 Resp: 958651
Ion Ratio Lower Upper
264 100
260 23.8 19.3 28.9
265 22.2 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 19.627 ng m
RT: 28.865 min Scan# 4408
Delta R.T. 0.000 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

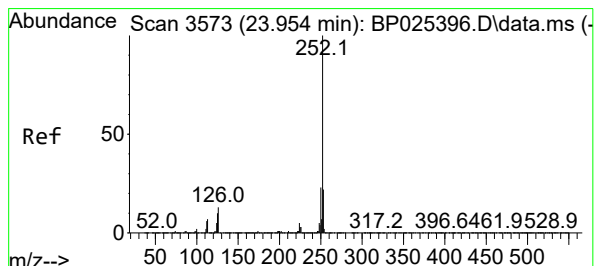
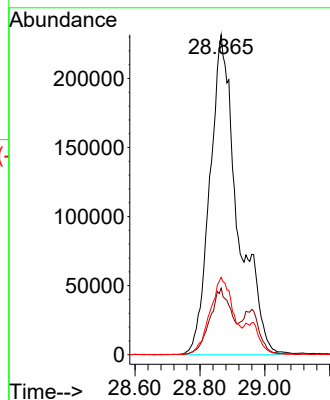
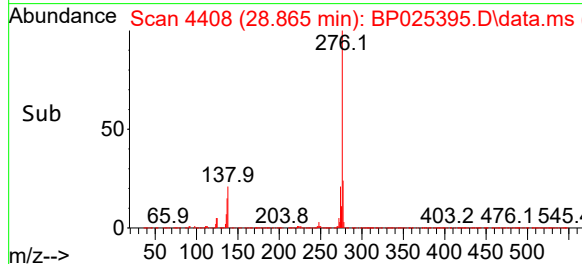
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 276 Resp: 138033
Ion Ratio Lower Upper
276 100
138 16.2 12.9 19.3
277 20.1 17.0 25.6

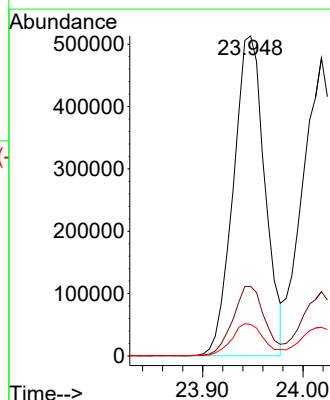
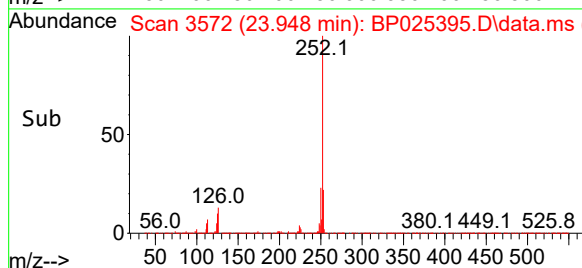
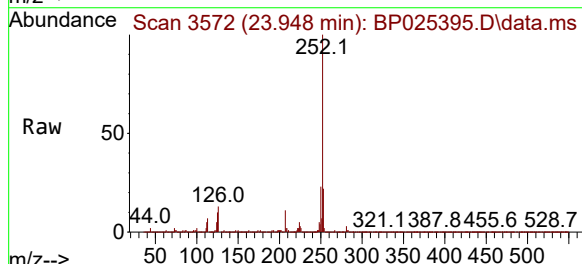
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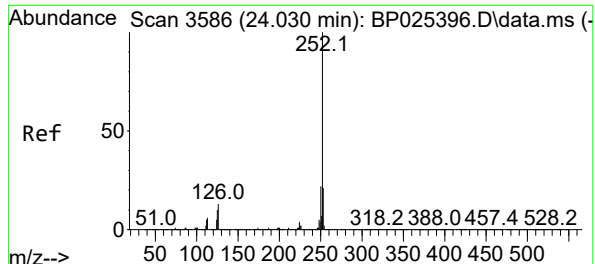
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#88
Benzo(b)fluoranthene
Concen: 19.855 ng
RT: 23.948 min Scan# 3572
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

Tgt Ion: 252 Resp: 1122408
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 9.9 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 20.336 ng

RT: 24.018 min Scan# 3586

Delta R.T. -0.012 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:252 Resp: 1150360

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

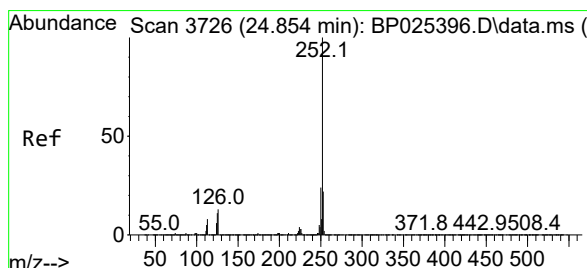
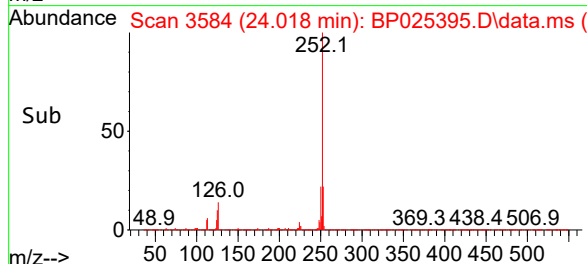
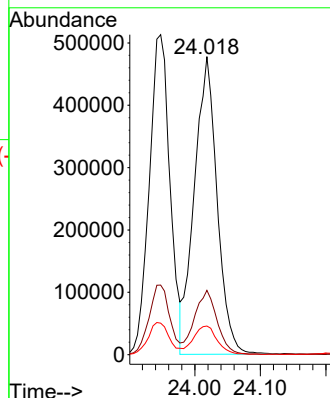
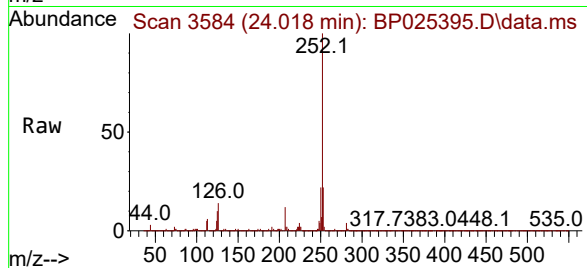
125 9.6 7.8 11.6

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#90

Benzo(a)pyrene

Concen: 20.041 ng

RT: 24.854 min Scan# 3726

Delta R.T. 0.000 min

Lab File: BP025395.D

Acq: 14 Aug 2025 14:38

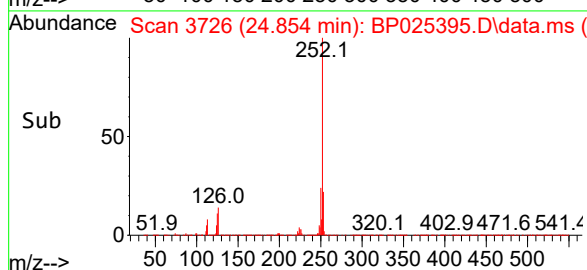
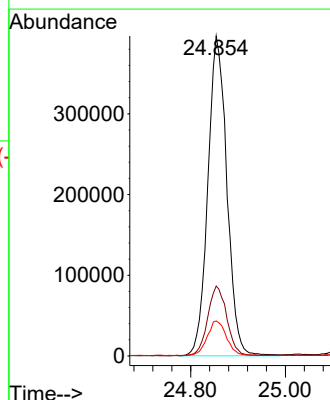
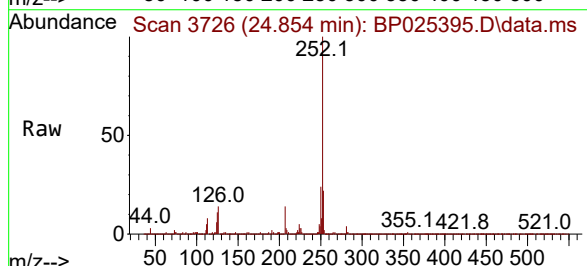
Tgt Ion:252 Resp: 1102804

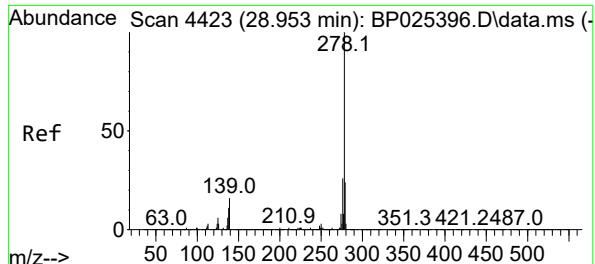
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

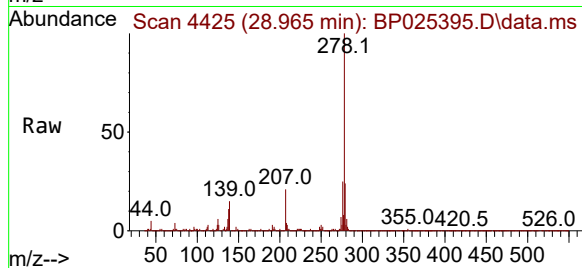
125 10.9 8.7 13.1





#91
Dibenzo(a,h)anthracene
Concen: 19.672 ng
RT: 28.965 min Scan# 4423
Delta R.T. 0.012 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38

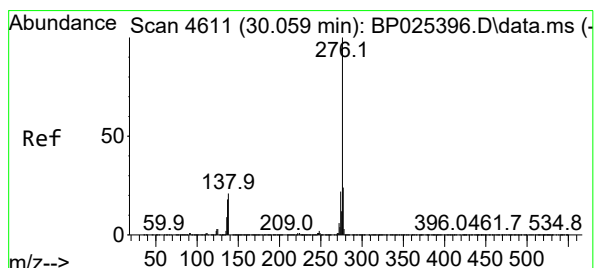
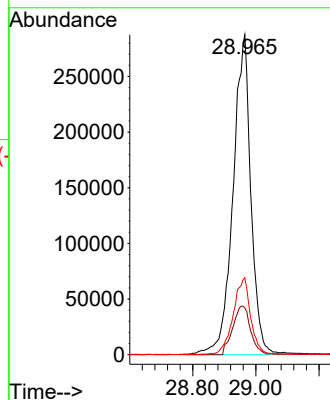
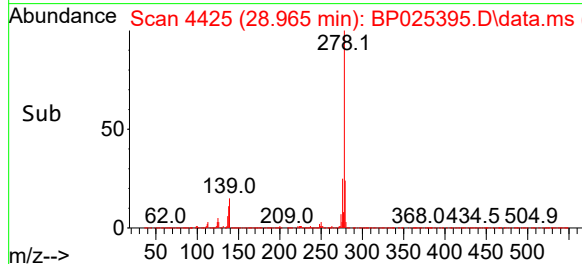
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



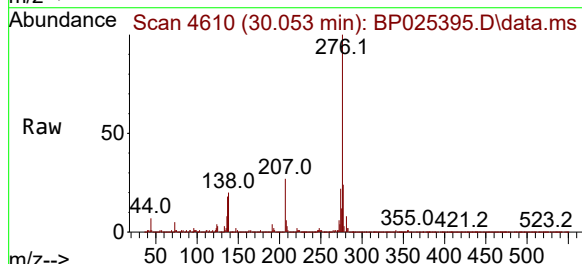
Tgt Ion: 278 Resp: 1130209
Ion Ratio Lower Upper
278 100
139 14.6 13.0 19.4
279 24.1 19.4 29.2

Manual Integrations
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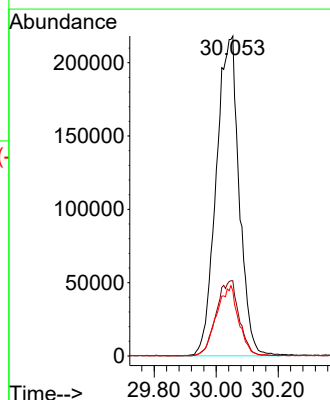
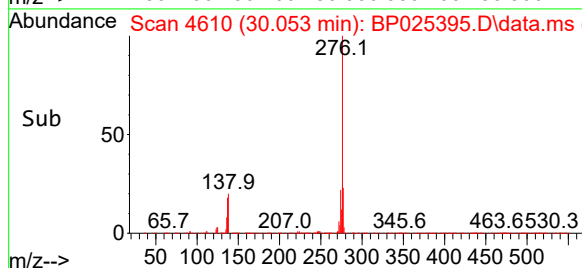
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#92
Benzo(g,h,i)perylene
Concen: 19.840 ng
RT: 30.053 min Scan# 4610
Delta R.T. -0.006 min
Lab File: BP025395.D
Acq: 14 Aug 2025 14:38



Tgt Ion: 276 Resp: 1120307
Ion Ratio Lower Upper
276 100
277 23.5 19.4 29.0
138 20.4 16.7 25.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025396.D
 Acq On : 14 Aug 2025 15:19
 Operator : CG/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 17:55:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 17:44:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	157704	20.000	ng	0.00
21) Naphthalene-d8	10.560	136	663553	20.000	ng	0.00
39) Acenaphthene-d10	14.407	164	441110	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	884529	20.000	ng	0.00
76) Chrysene-d12	21.648	240	899207	20.000	ng	0.00
86) Perylene-d12	25.030	264	1022138	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	733191	77.209	ng	0.00
7) Phenol-d6	6.966	99	954285	78.381	ng	0.00
23) Nitrobenzene-d5	8.937	82	1015557	77.420	ng	0.00
42) 2,4,6-Tribromophenol	15.913	330	463783	78.112	ng	0.00
45) 2-Fluorobiphenyl	13.019	172	2456787	76.118	ng	0.00
79) Terphenyl-d14	19.919	244	3760236	76.508	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.337	88	140326	37.726	ng	100
3) Pyridine	3.731	79	384936	37.809	ng	100
4) n-Nitrosodimethylamine	3.637	42	161267	38.421	ng	100
6) Aniline	7.125	93	637156	38.842	ng	100
8) 2-Chlorophenol	7.366	128	414233	38.655	ng	100
9) Benzaldehyde	6.943	77	430704	50.493	ng	100
10) Phenol	6.996	94	496755	38.884	ng	100
11) bis(2-Chloroethyl)ether	7.219	93	385335	38.698	ng	100
12) 1,3-Dichlorobenzene	7.684	146	455200	38.523	ng	100
13) 1,4-Dichlorobenzene	7.831	146	462800	38.319	ng	100
14) 1,2-Dichlorobenzene	8.143	146	451306	38.602	ng	100
15) Benzyl Alcohol	8.025	79	376323	38.901	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.313	45	510991	38.308	ng	100
17) 2-Methylphenol	8.225	107	349313	39.369	ng	100
18) Hexachloroethane	8.866	117	171906	38.712	ng	100
19) n-Nitroso-di-n-propyla...	8.590	70	312773	38.737	ng	100
20) 3+4-Methylphenols	8.549	107	481148	39.121	ng	100
22) Acetophenone	8.601	105	644124	38.708	ng	100
24) Nitrobenzene	8.972	77	457175	38.997	ng	100
25) Isophorone	9.501	82	893987	38.510	ng	100
26) 2-Nitrophenol	9.678	139	239675	39.837	ng	100
27) 2,4-Dimethylphenol	9.743	122	408572	39.489	ng	100
28) bis(2-Chloroethoxy)met...	9.972	93	540282	38.502	ng	100
29) 2,4-Dichlorophenol	10.213	162	405233	39.427	ng	100
30) 1,2,4-Trichlorobenzene	10.425	180	434105	38.529	ng	100
31) Naphthalene	10.613	128	1326839	38.472	ng	100
32) Benzoic acid	9.872	122	301281	39.537	ng	100
33) 4-Chloroaniline	10.713	127	599466	39.350	ng	100
34) Hexachlorobutadiene	10.901	225	271549	38.700	ng	100
35) Caprolactam	11.495	113	145175	38.520	ng	100
36) 4-Chloro-3-methylphenol	11.837	107	459473	38.959	ng	100
37) 2-Methylnaphthalene	12.219	142	865427	38.559	ng	100
38) 1-Methylnaphthalene	12.437	142	909865	38.120	ng	100
40) 1,2,4,5-Tetrachloroben...	12.590	216	494141	38.787	ng	100
41) Hexachlorocyclopentadiene	12.572	237	307015	39.896	ng	100
43) 2,4,6-Trichlorophenol	12.825	196	337157	39.201	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025396.D
 Acq On : 14 Aug 2025 15:19
 Operator : CG/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 17:55:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 17:44:43 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.895	196	373880	39.664	ng	100
46) 1,1'-Biphenyl	13.231	154	1242247	38.777	ng	100
47) 2-Chloronaphthalene	13.272	162	970903	38.930	ng	100
48) 2-Nitroaniline	13.472	65	291341	40.092	ng	100
49) Acenaphthylene	14.125	152	1593636	38.617	ng	100
50) Dimethylphthalate	13.860	163	1237666	38.316	ng	100
51) 2,6-Dinitrotoluene	13.966	165	272750	40.061	ng	100
52) Acenaphthene	14.466	154	918569	37.921	ng	100
53) 3-Nitroaniline	14.301	138	301417	39.349	ng	100
54) 2,4-Dinitrophenol	14.507	184	144100	39.633	ng	100
55) Dibenzofuran	14.807	168	1479220	38.624	ng	100
56) 4-Nitrophenol	14.613	139	246542	39.168	ng	100
57) 2,4-Dinitrotoluene	14.766	165	386189	39.757	ng	100
58) Fluorene	15.466	166	1151825	38.115	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.036	232	324396	38.975	ng	100
60) Diethylphthalate	15.236	149	1264740	38.533	ng	100
61) 4-Chlorophenyl-phenyle...	15.460	204	574546	38.228	ng	100
62) 4-Nitroaniline	15.478	138	309740	39.443	ng	100
63) Azobenzene	15.754	77	1091004	38.820	ng	100
65) 4,6-Dinitro-2-methylph...	15.542	198	217153	39.384	ng	100
66) n-Nitrosodiphenylamine	15.678	169	1045170	38.749	ng	100
67) 4-Bromophenyl-phenylether	16.372	248	376864	38.739	ng	100
68) Hexachlorobenzene	16.489	284	428361	37.986	ng	100
69) Atrazine	16.654	200	386256	38.238	ng	100
70) Pentachlorophenol	16.842	266	278412	39.110	ng	100
71) Phenanthrene	17.242	178	1839191	37.851	ng	100
72) Anthracene	17.336	178	1908189	38.456	ng	100
73) Carbazole	17.613	167	1781890	38.125	ng	100
74) Di-n-butylphthalate	18.207	149	2201043	38.277	ng	100
75) Fluoranthene	19.324	202	2172758	37.488	ng	100
77) Benzidine	19.513	184	1738926	56.665	ng	100
78) Pyrene	19.701	202	2290461	39.189	ng	100
80) Butylbenzylphthalate	20.648	149	1041998	39.338	ng	100
81) Benzo(a)anthracene	21.630	228	2280774	38.460	ng	100
82) 3,3'-Dichlorobenzidine	21.542	252	877708	39.266	ng	100
83) Chrysene	21.695	228	2125866	38.278	ng	100
84) Bis(2-ethylhexyl)phtha...	21.583	149	1493804	38.310	ng	100
85) Di-n-octyl phthalate	22.871	149	2597558	38.730	ng	100
87) Indeno(1,2,3-cd)pyrene	28.865	276	2884713m	38.470	ng	
88) Benzo(b)fluoranthene	23.954	252	2318198	38.462	ng	100
89) Benzo(k)fluoranthene	24.030	252	2309091	38.285	ng	100
90) Benzo(a)pyrene	24.854	252	2265862	38.620	ng	100
91) Dibenzo(a,h)anthracene	28.953	278	2363840	38.589	ng	100
92) Benzo(g,h,i)perylene	30.059	276	2327292	38.654	ng	100

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

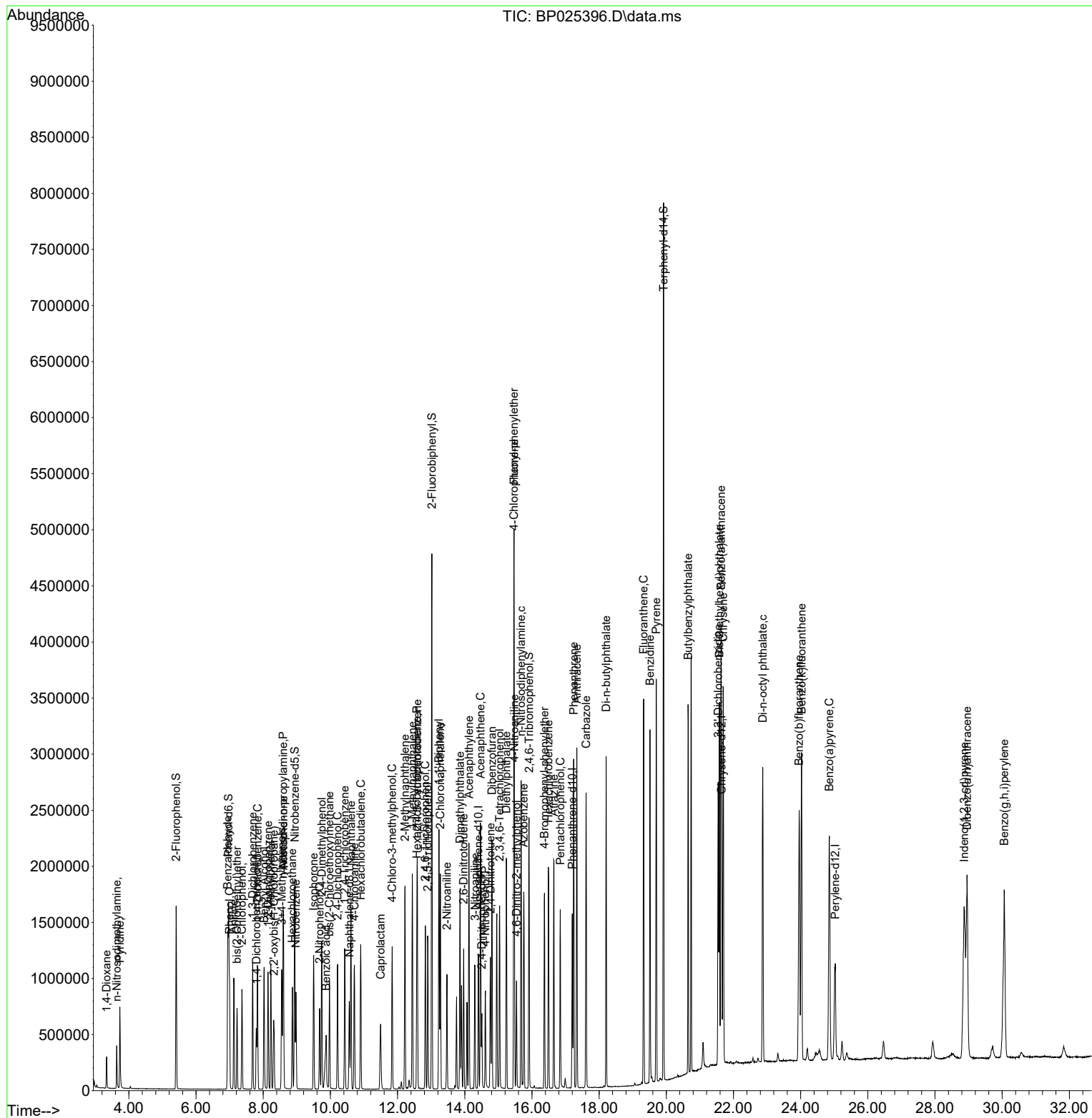
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025396.D
Acq On : 14 Aug 2025 15:19
Operator : CG/JU
Sample : SSTIDICC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

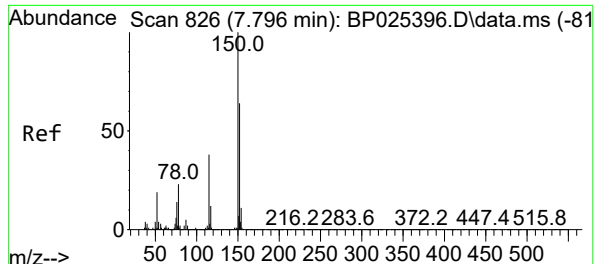
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jaagrut Upadhyay 08/15/2025

Quant Time: Aug 14 17:55:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration





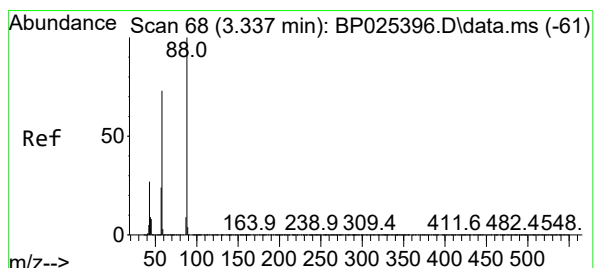
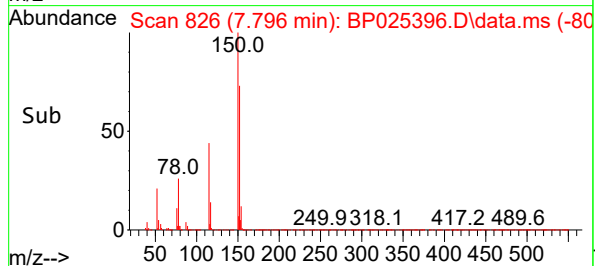
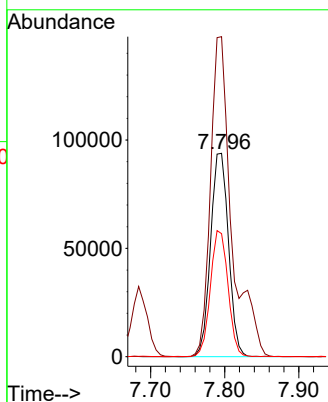
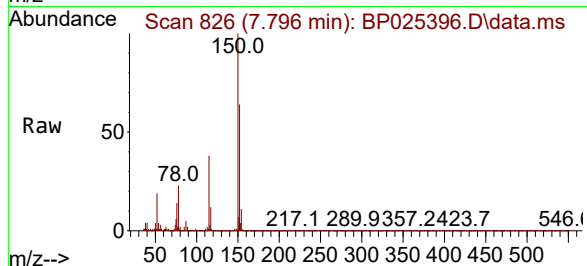
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.796 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 152 Resp: 157704
Ion Ratio Lower Upper
152 100
150 157.4 125.9 188.9
115 60.6 48.5 72.7

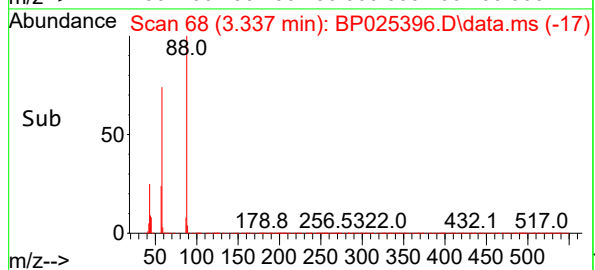
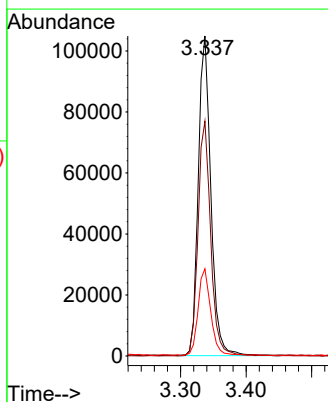
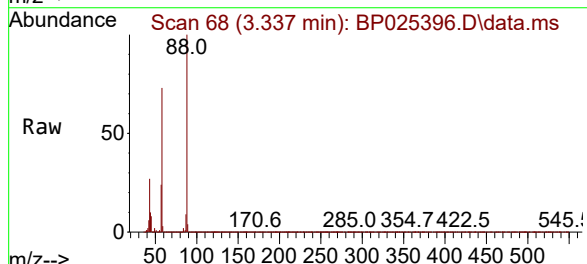
Manual Integrations
APPROVED

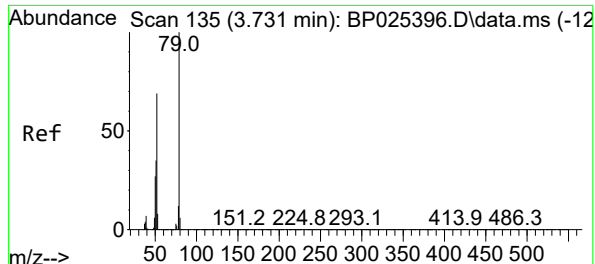
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#2
1,4-Dioxane
Concen: 37.726 ng
RT: 3.337 min Scan# 68
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion: 88 Resp: 140326
Ion Ratio Lower Upper
88 100
58 74.0 59.2 88.8
43 27.1 21.7 32.5





#3

Pyridine

Concen: 37.809 ng

RT: 3.731 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

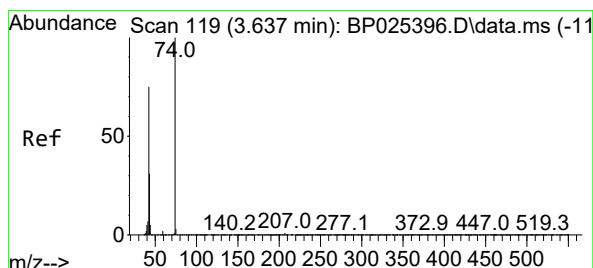
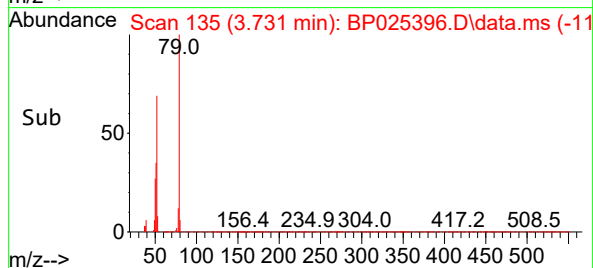
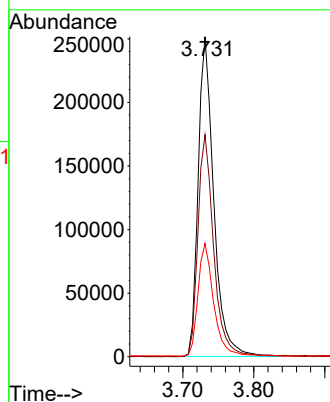
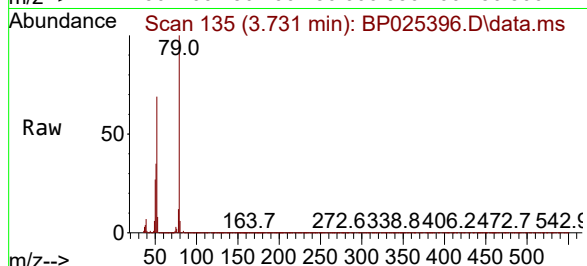
Tgt Ion:	79	Resp:	384930
Ion	Ratio	Lower	Upper
79	100		
52	69.4	55.5	83.3
51	35.4	28.3	42.5

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#4

n-Nitrosodimethylamine

Concen: 38.421 ng

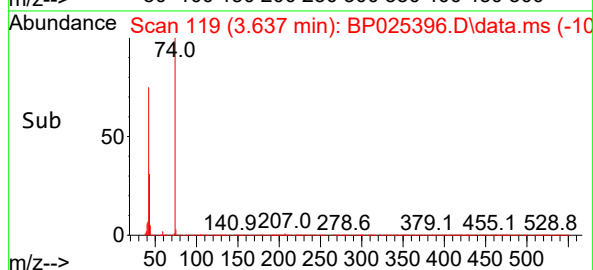
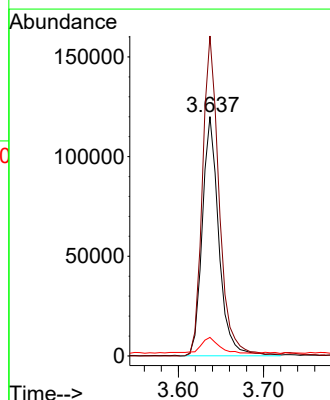
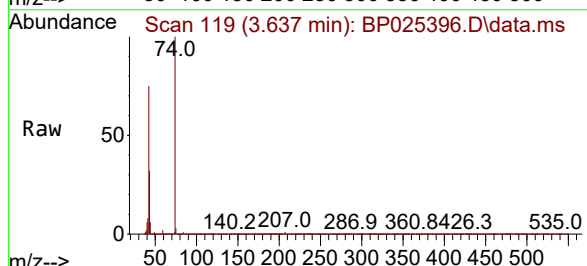
RT: 3.637 min Scan# 119

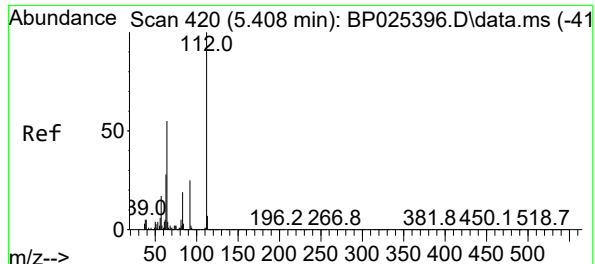
Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

Tgt Ion:	42	Resp:	161267
Ion	Ratio	Lower	Upper
42	100		
74	133.7	107.0	160.4
44	7.8	6.2	9.4





#5

2-Fluorophenol

Concen: 77.209 ng

RT: 5.408 min Scan# 41

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:112 Resp: 73319

Ion Ratio Lower Upper

112 100

64 54.8 43.8 65.8

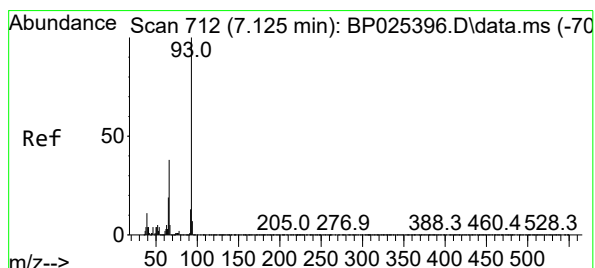
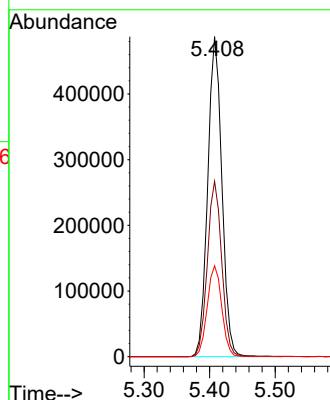
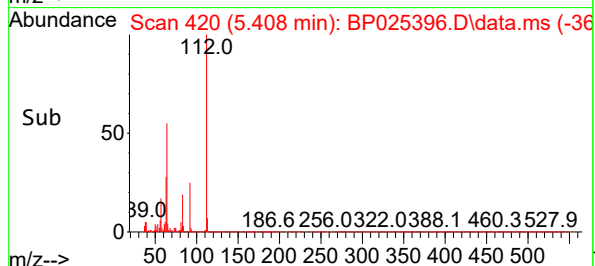
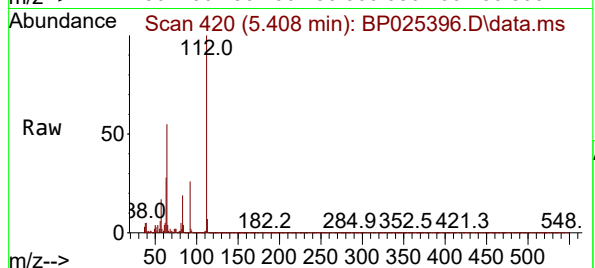
63 28.4 22.7 34.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#6

Aniline

Concen: 38.842 ng

RT: 7.125 min Scan# 712

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

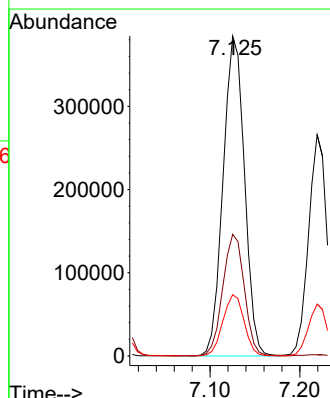
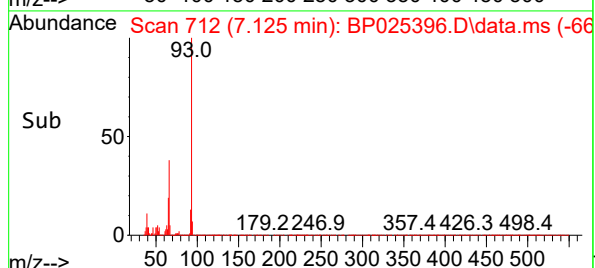
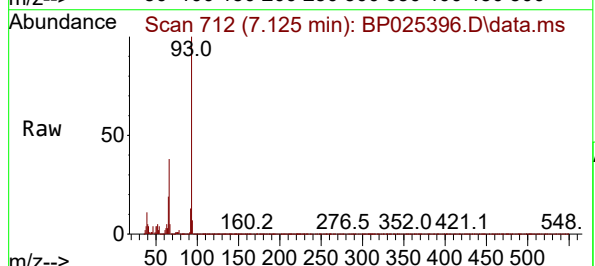
Tgt Ion: 93 Resp: 637156

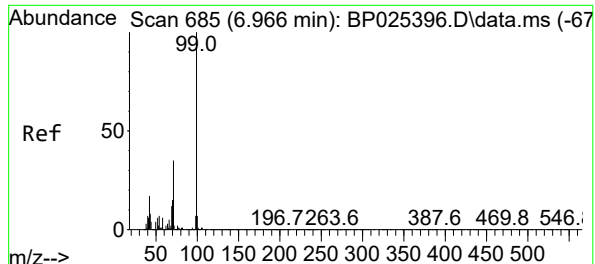
Ion Ratio Lower Upper

93 100

66 38.0 30.4 45.6

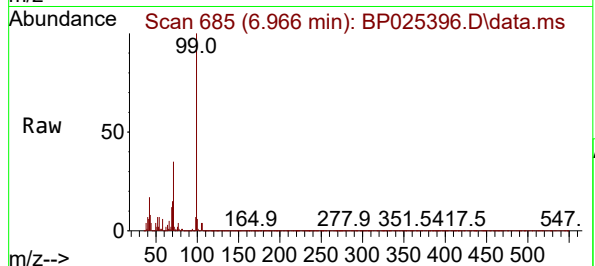
65 19.1 15.3 22.9





#7
Phenol-d6
Concen: 78.381 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

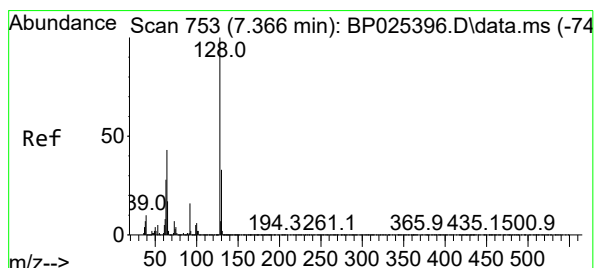
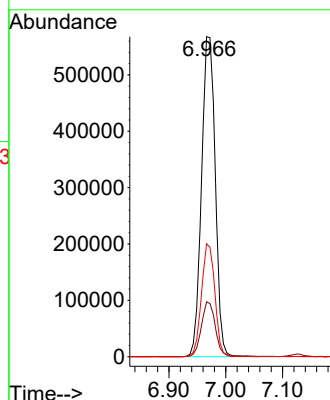
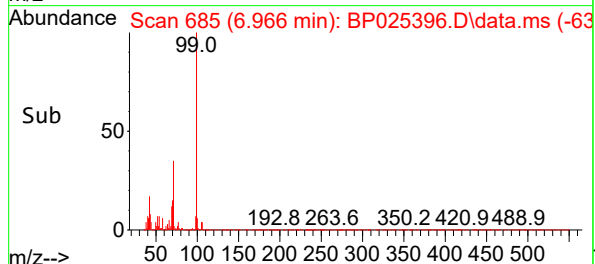
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion: 99 Resp: 954285
Ion Ratio Lower Upper
99 100
42 17.1 13.7 20.5
71 35.3 28.2 42.4

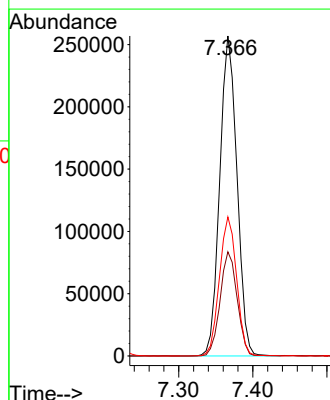
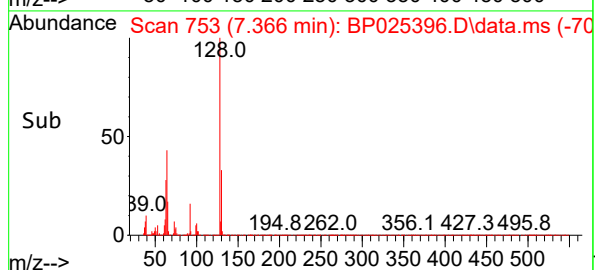
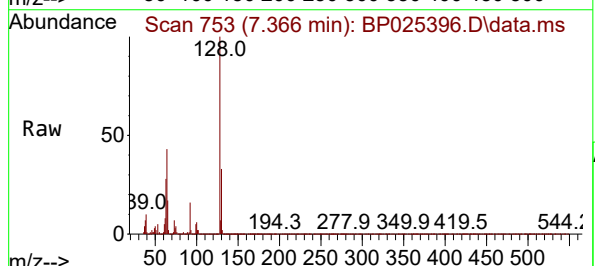
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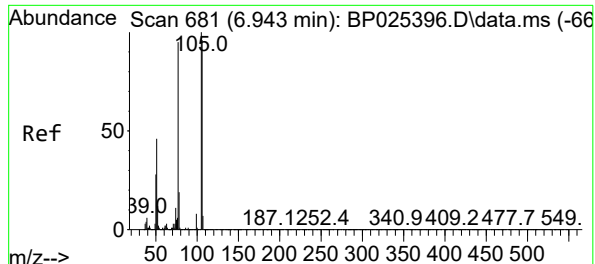
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#8
2-Chlorophenol
Concen: 38.655 ng
RT: 7.366 min Scan# 753
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

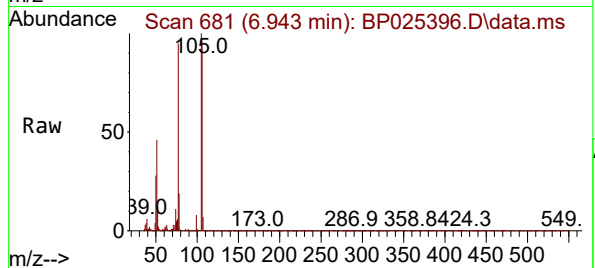
Tgt Ion:128 Resp: 414233
Ion Ratio Lower Upper
128 100
130 32.6 12.6 52.6
64 43.4 23.4 63.4





#9
Benzaldehyde
Concen: 50.493 ng
RT: 6.943 min Scan# 681
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

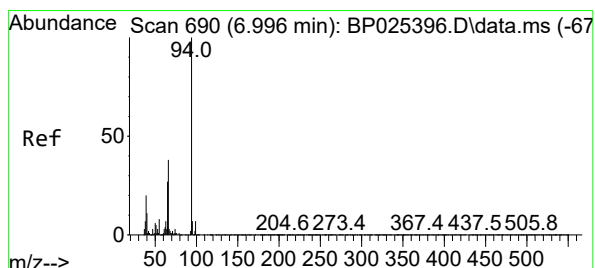
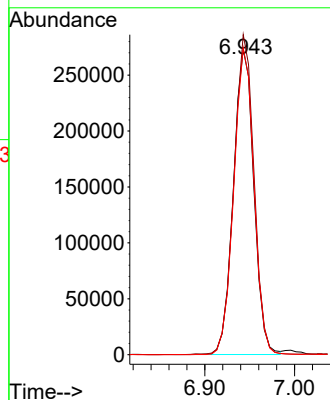
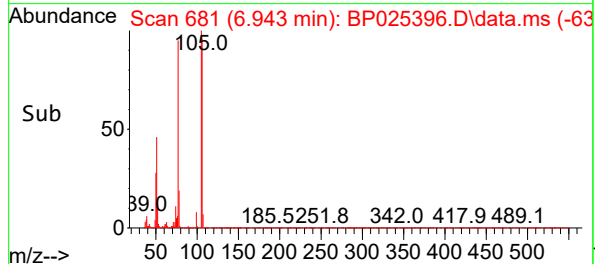
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion: 77 Resp: 430704
Ion Ratio Lower Upper
77 100
105 104.8 84.8 124.8
106 100.5 80.5 120.5

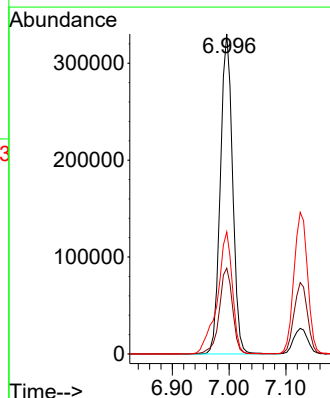
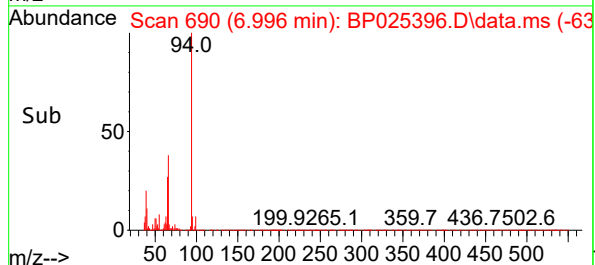
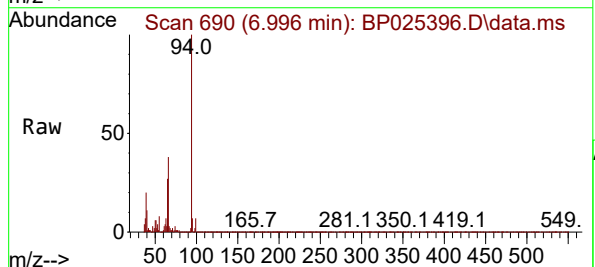
Manual Integrations
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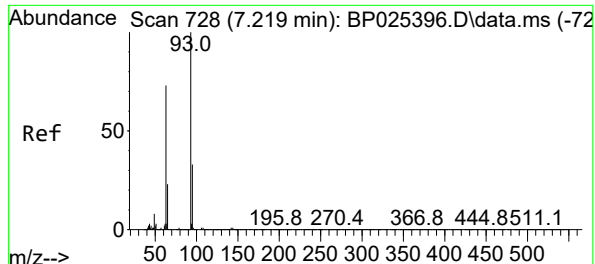
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#10
Phenol
Concen: 38.884 ng
RT: 6.996 min Scan# 690
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

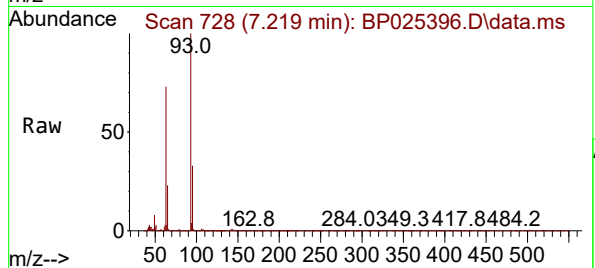
Tgt Ion: 94 Resp: 496755
Ion Ratio Lower Upper
94 100
65 26.8 6.8 46.8
66 38.2 18.2 58.2





#11
bis(2-Chloroethyl)ether
Concen: 38.698 ng
RT: 7.219 min Scan# 728
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

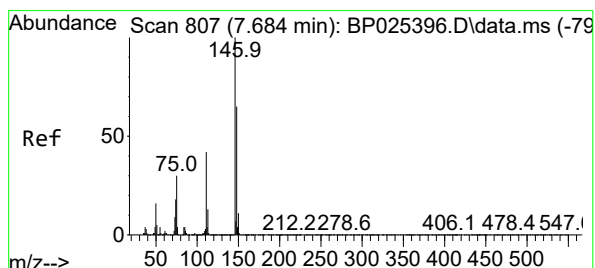
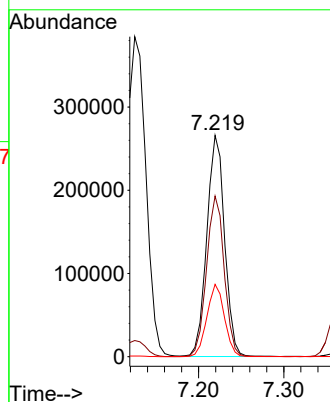
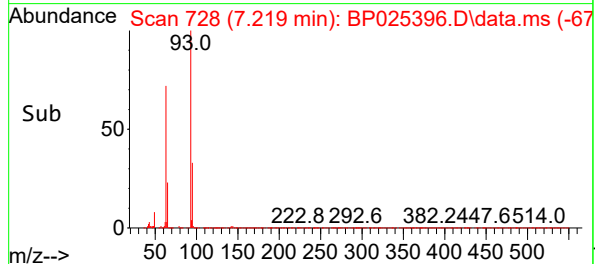
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



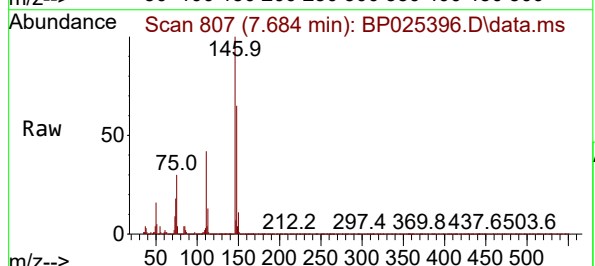
Tgt Ion: 93 Resp: 385335
Ion Ratio Lower Upper
93 100
63 72.6 52.6 92.6
95 32.7 12.7 52.7

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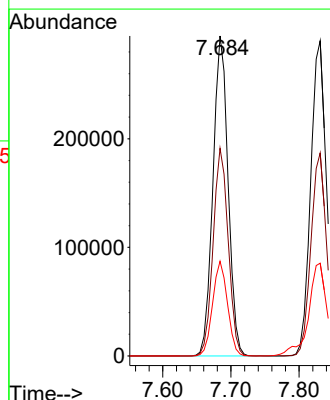
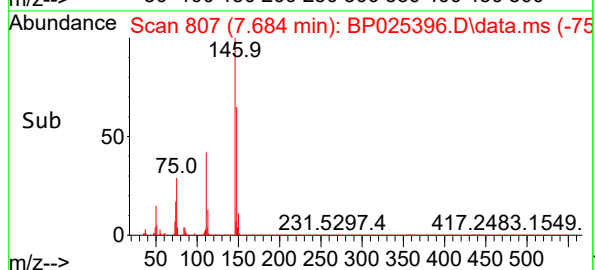
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

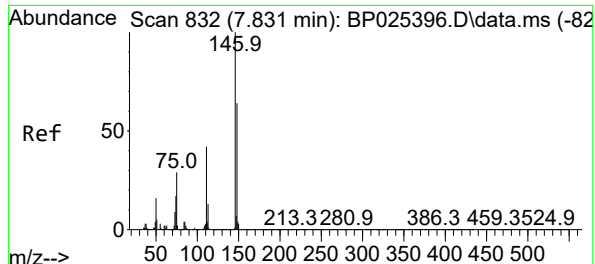


#12
1,3-Dichlorobenzene
Concen: 38.523 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19



Tgt Ion:146 Resp: 455200
Ion Ratio Lower Upper
146 100
148 64.9 51.9 77.9
75 29.6 23.7 35.5





#13

1,4-Dichlorobenzene

Concen: 38.319 ng

RT: 7.831 min Scan# 832

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:146 Resp: 462800

Ion Ratio Lower Upper

146 100

148 64.5 51.6 77.4

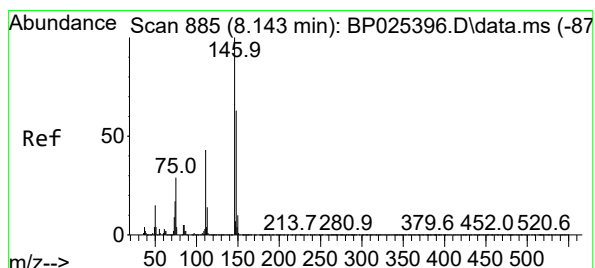
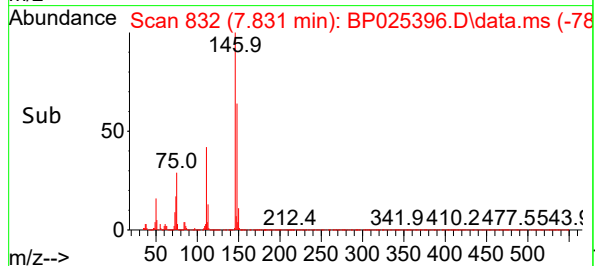
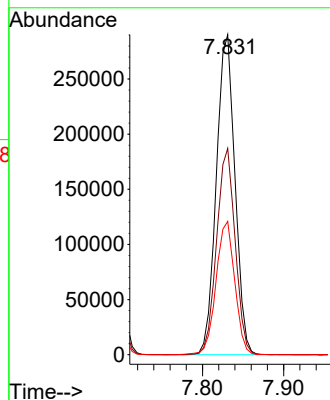
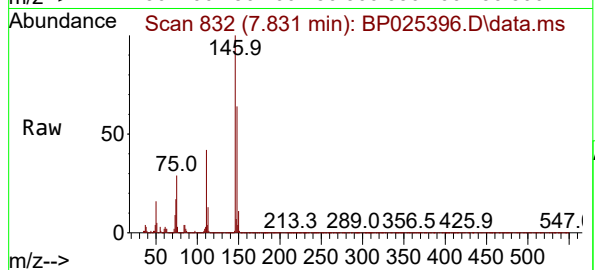
111 41.7 33.4 50.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#14

1,2-Dichlorobenzene

Concen: 38.602 ng

RT: 8.143 min Scan# 885

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

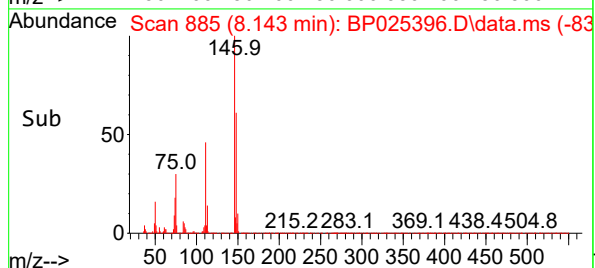
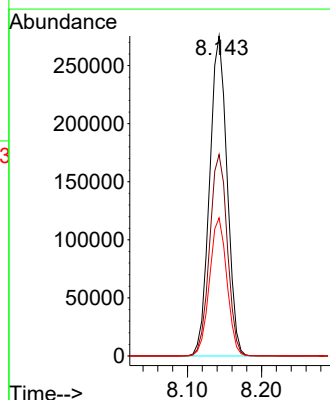
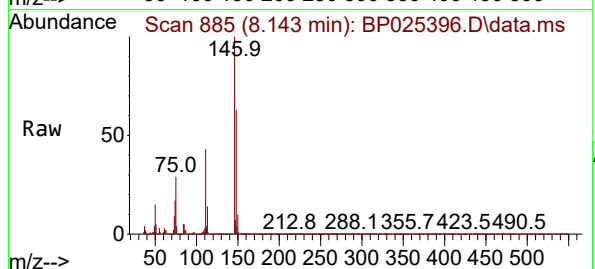
Tgt Ion:146 Resp: 451306

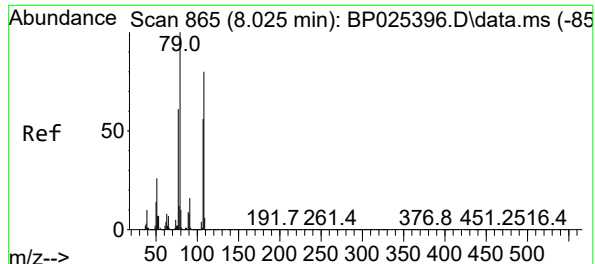
Ion Ratio Lower Upper

146 100

148 63.0 50.4 75.6

111 43.1 34.5 51.7





#15

Benzyl Alcohol

Concen: 38.901 ng

RT: 8.025 min Scan# 80

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion: 79 Resp: 37632

Ion Ratio Lower Upper

79 100

108 79.7 63.8 95.6

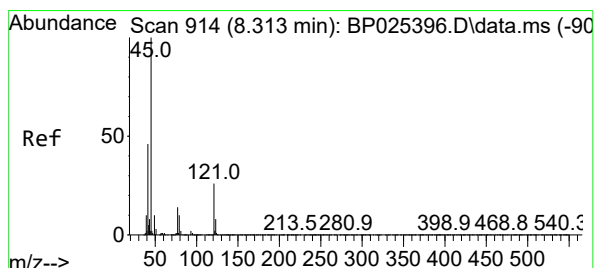
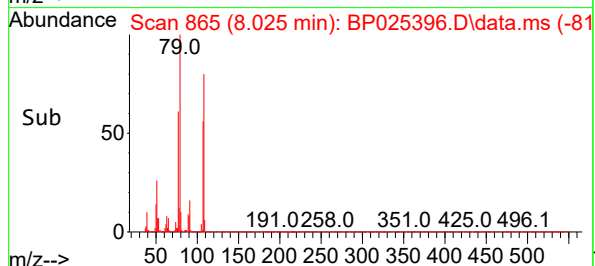
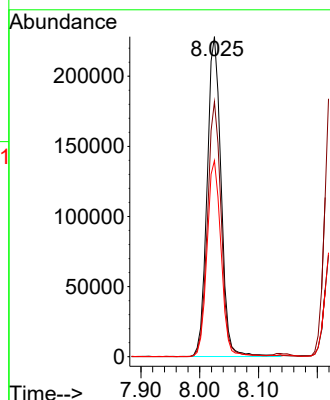
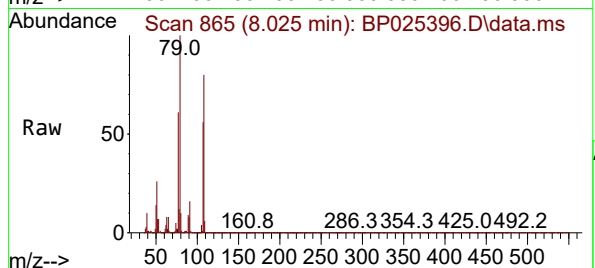
77 61.2 49.0 73.4

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.308 ng

RT: 8.313 min Scan# 914

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

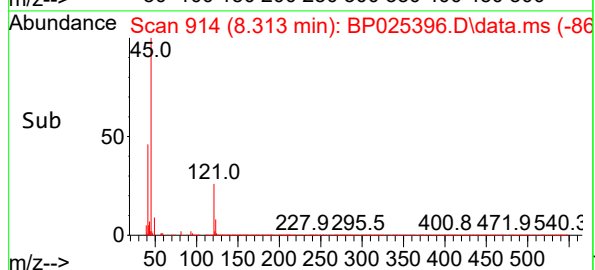
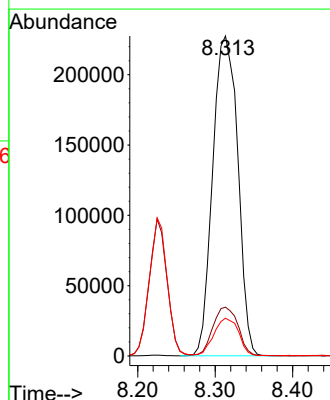
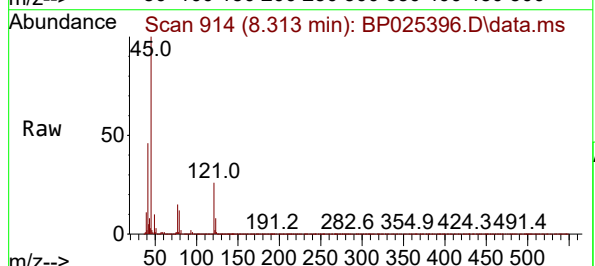
Tgt Ion: 45 Resp: 510991

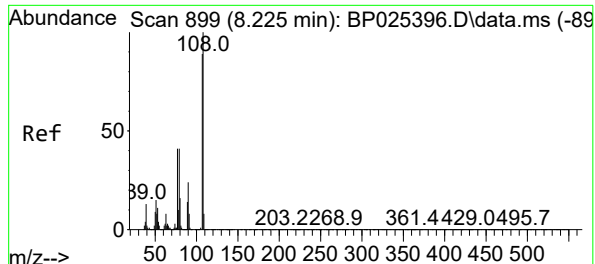
Ion Ratio Lower Upper

45 100

77 15.3 0.0 35.3

79 11.8 0.0 31.8





#17

2-Methylphenol

Concen: 39.369 ng

RT: 8.225 min Scan# 899

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:107 Resp: 34931

Ion Ratio Lower Upper

107 100

108 111.7 89.4 134.0

77 45.4 36.3 54.5

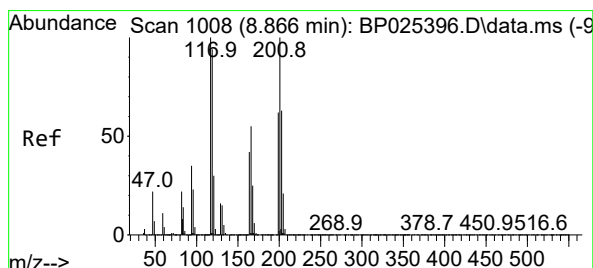
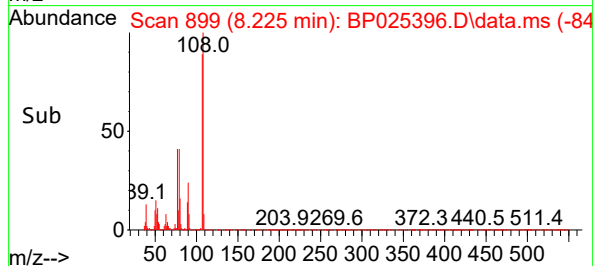
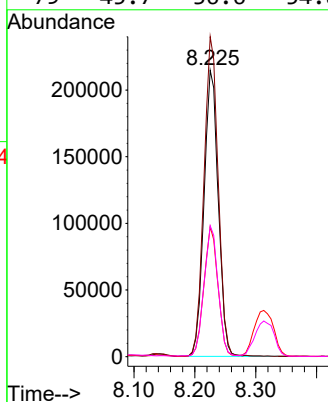
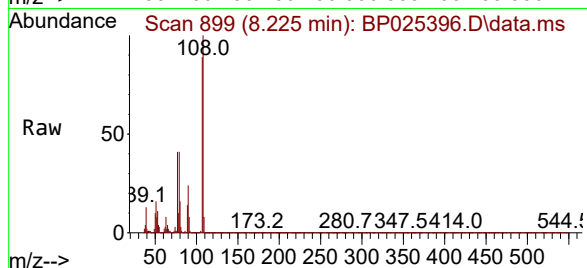
79 45.7 36.6 54.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#18

Hexachloroethane

Concen: 38.712 ng

RT: 8.866 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

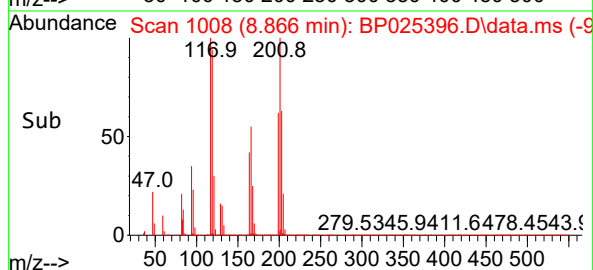
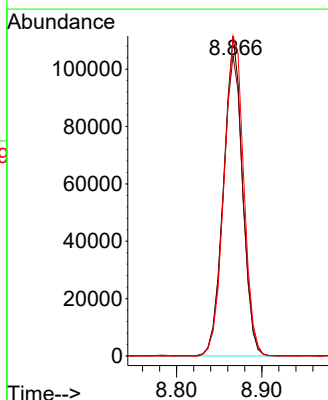
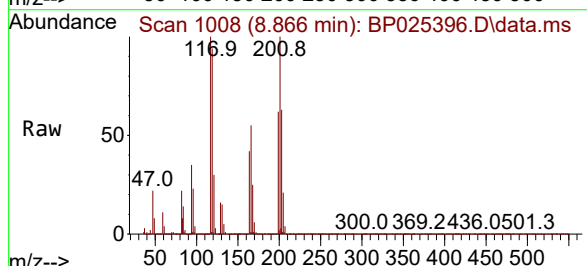
Tgt Ion:117 Resp: 171906

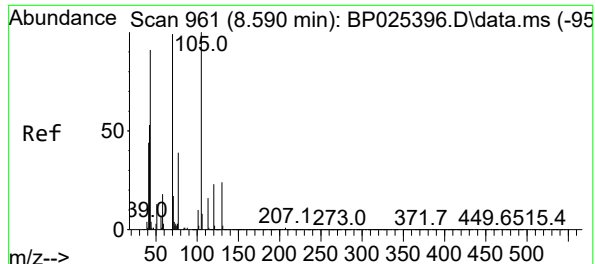
Ion Ratio Lower Upper

117 100

119 93.9 75.1 112.7

201 100.1 80.1 120.1





#19

n-Nitroso-di-n-propylamine

Concen: 38.737 ng

RT: 8.590 min Scan# 961

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 31277

Ion Ratio Lower Upper

70 100

42 54.7 43.8 65.6

101 10.6 8.5 12.7

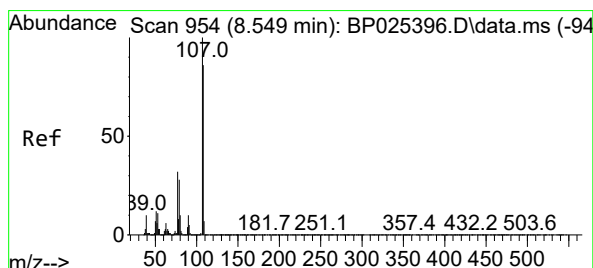
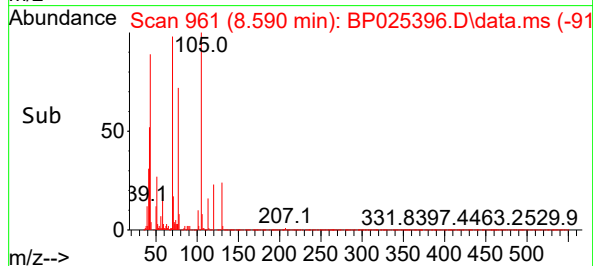
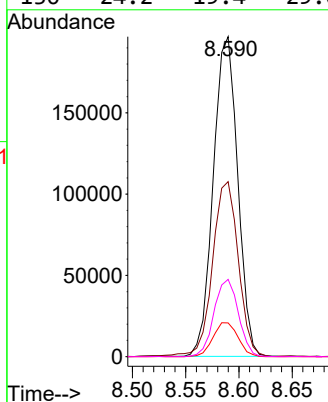
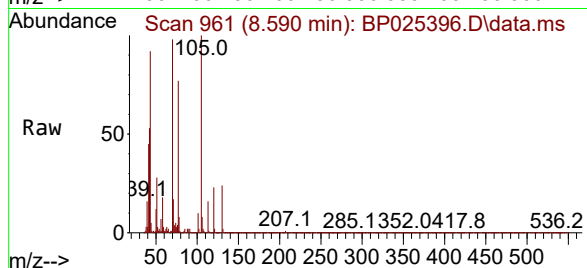
130 24.2 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#20

3+4-Methylphenols

Concen: 39.121 ng

RT: 8.549 min Scan# 954

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

Tgt Ion:107 Resp: 481148

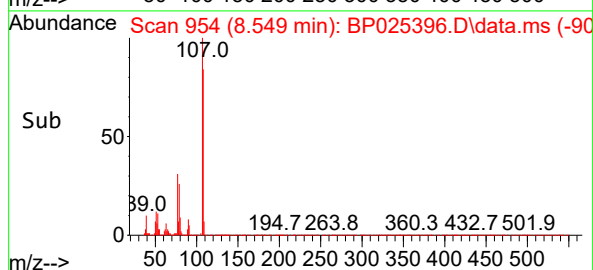
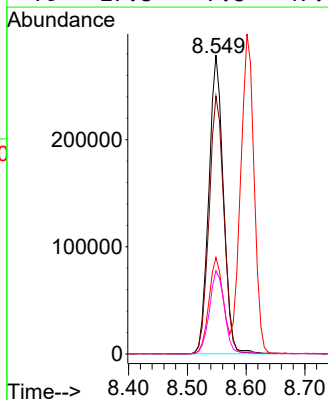
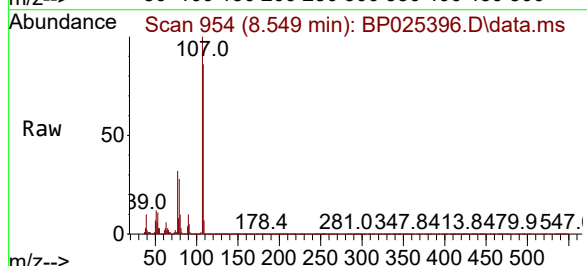
Ion Ratio Lower Upper

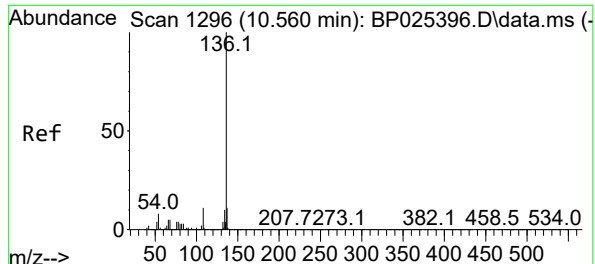
107 100

108 86.3 66.3 106.3

77 32.3 12.3 52.3

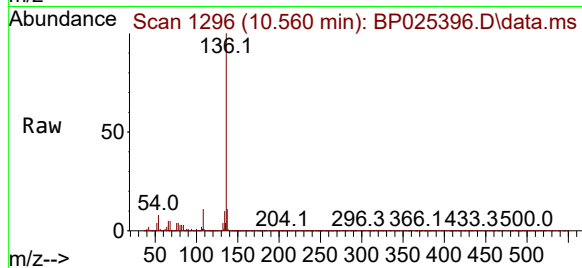
79 27.8 7.8 47.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

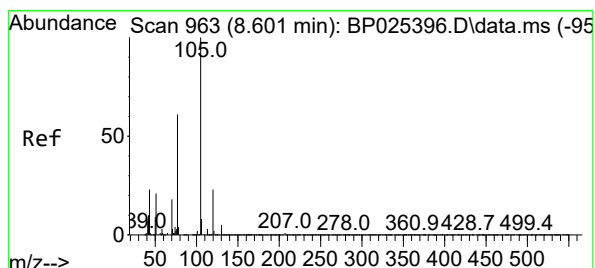
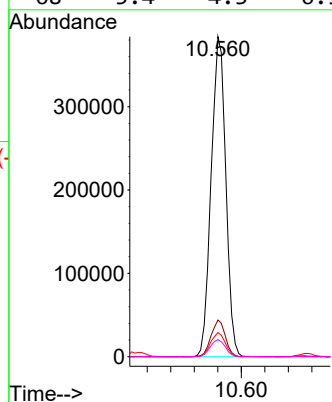
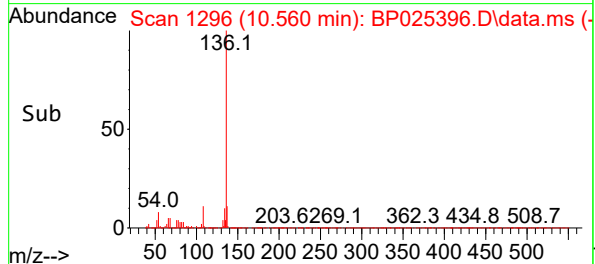
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:136 Resp: 66355
Ion Ratio Lower Upper
136 100
137 11.5 9.2 13.8
54 7.5 6.0 9.0
68 5.4 4.3 6.5

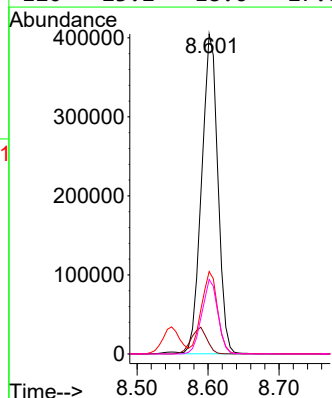
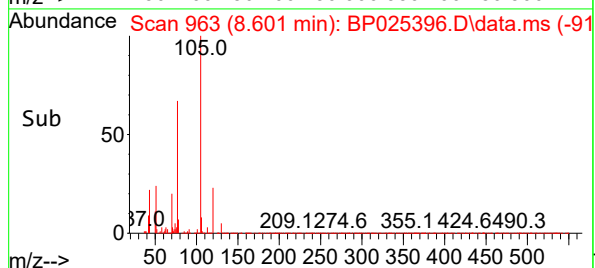
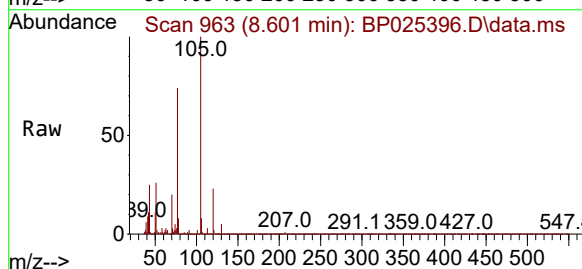
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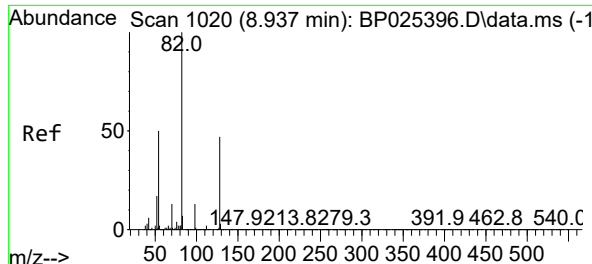
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#22
Acetophenone
Concen: 38.708 ng
RT: 8.601 min Scan# 963
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

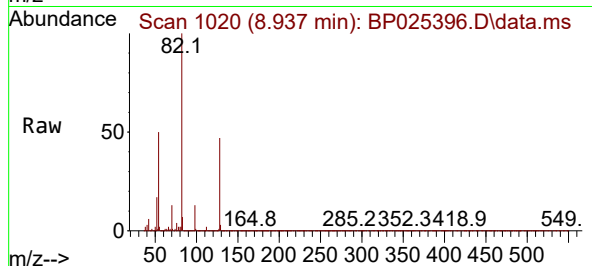
Tgt Ion:105 Resp: 644124
Ion Ratio Lower Upper
105 100
71 3.3 2.6 4.0
51 25.7 20.6 30.8
120 23.2 18.6 27.8





#23
Nitrobenzene-d5
Concen: 77.420 ng
RT: 8.937 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

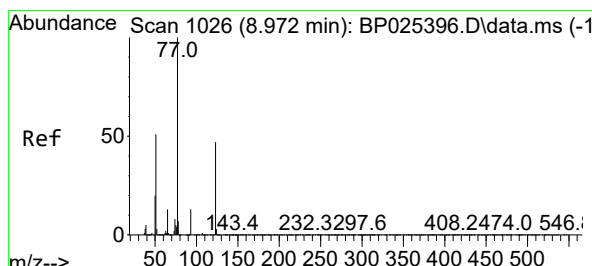
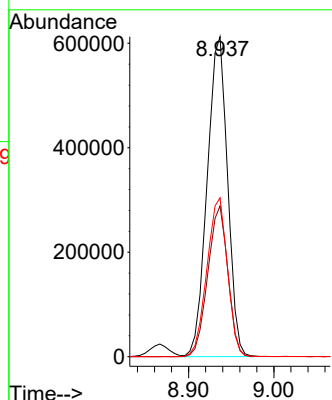
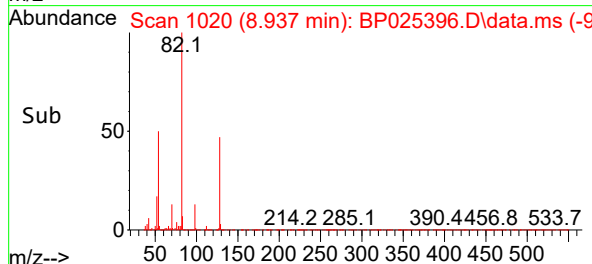
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion: 82 Resp: 101555
Ion Ratio Lower Upper
82 100
128 47.1 37.7 56.5
54 49.7 39.8 59.6

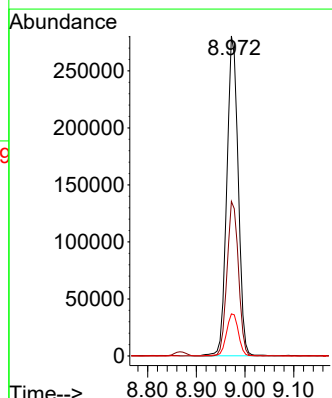
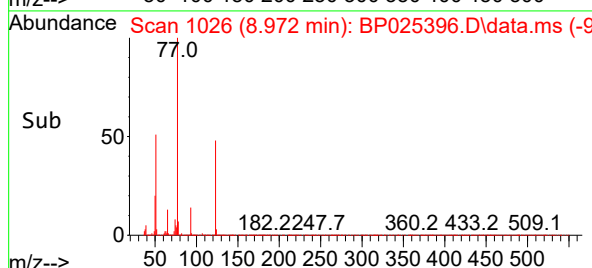
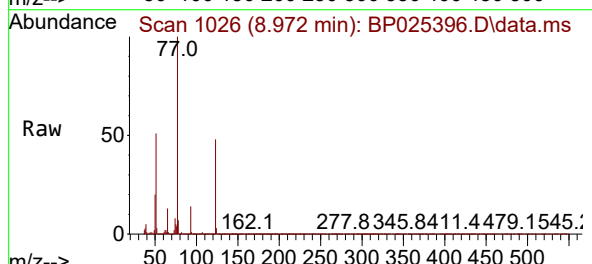
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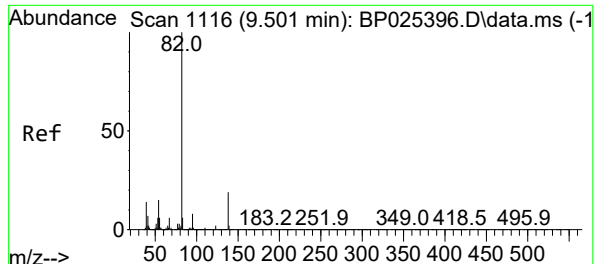
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#24
Nitrobenzene
Concen: 38.997 ng
RT: 8.972 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

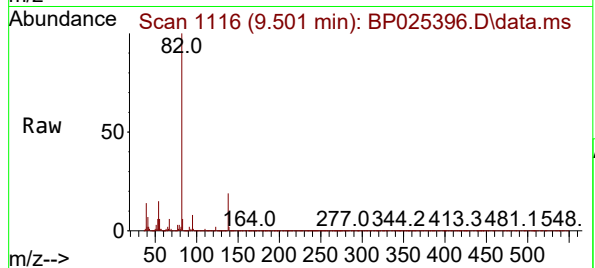
Tgt Ion: 77 Resp: 457175
Ion Ratio Lower Upper
77 100
123 48.3 38.6 58.0
65 13.2 10.6 15.8





#25
Isophorone
Concen: 38.510 ng
RT: 9.501 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

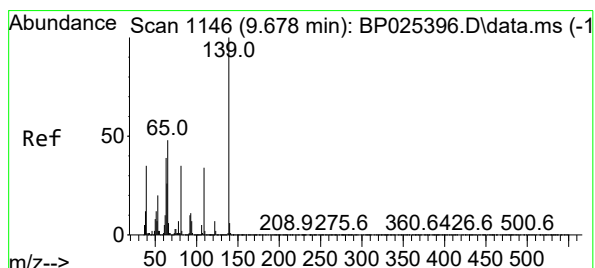
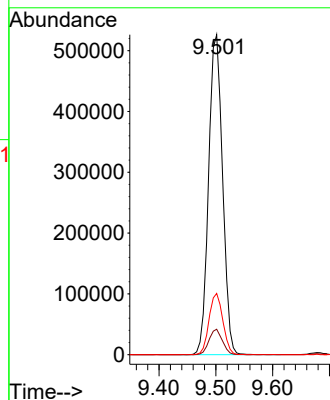
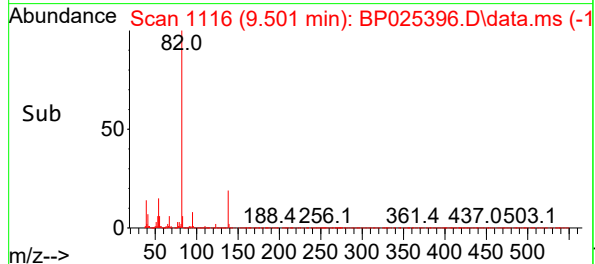
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion: 82 Resp: 89398
Ion Ratio Lower Upper
82 100
95 8.0 6.4 9.6
138 19.2 15.4 23.0

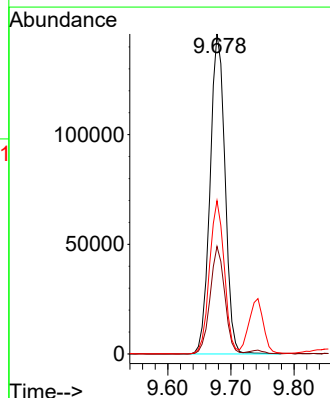
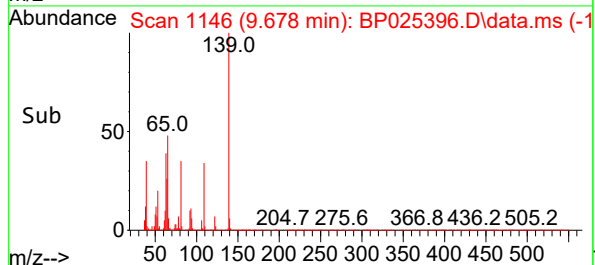
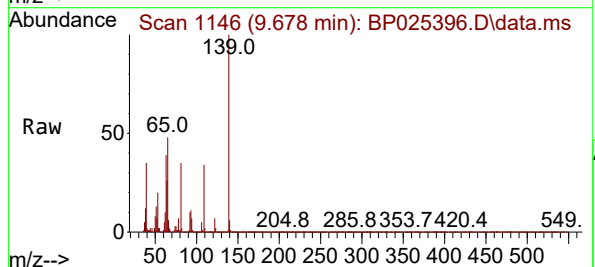
Manual Integrations
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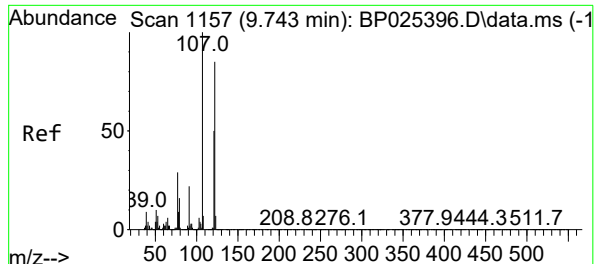
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#26
2-Nitrophenol
Concen: 39.837 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

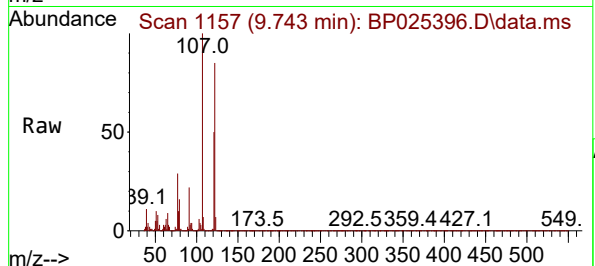
Tgt Ion:139 Resp: 239675
Ion Ratio Lower Upper
139 100
109 33.6 26.9 40.3
65 47.9 38.3 57.5





#27
2,4-Dimethylphenol
Concen: 39.489 ng
RT: 9.743 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

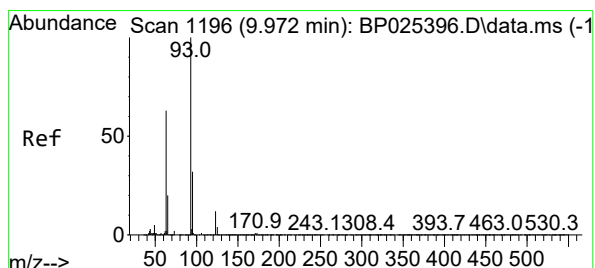
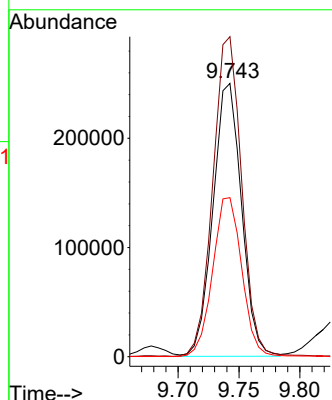
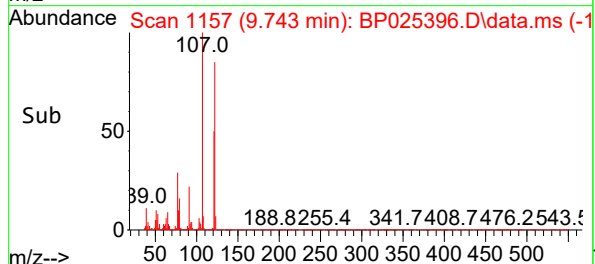
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:122 Resp: 408572
Ion Ratio Lower Upper
122 100
107 117.1 93.7 140.5
121 58.2 46.6 69.8

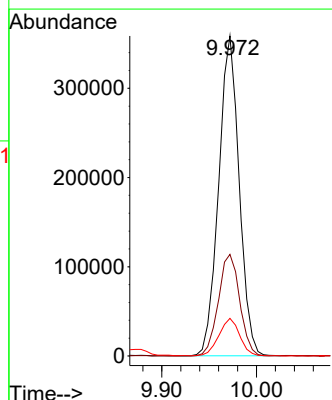
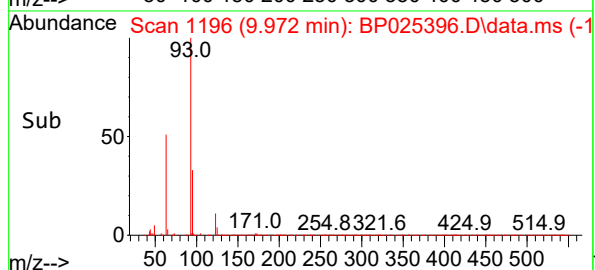
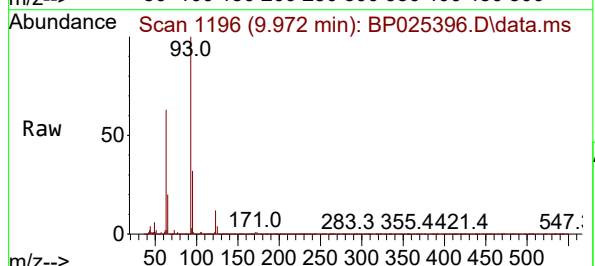
Manual Integrations
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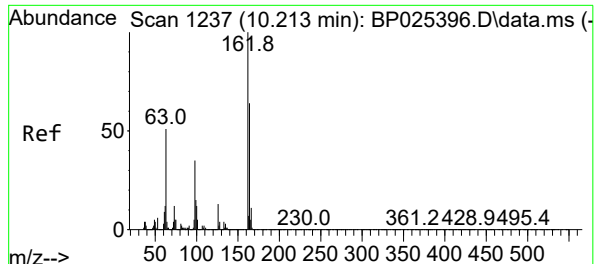
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#28
bis(2-Chloroethoxy)methane
Concen: 38.502 ng
RT: 9.972 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion: 93 Resp: 540282
Ion Ratio Lower Upper
93 100
95 31.7 25.4 38.0
123 11.7 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 39.427 ng

RT: 10.213 min Scan# 1237

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:162 Resp: 40523

Ion Ratio Lower Upper

162 100

164 64.4 44.4 84.4

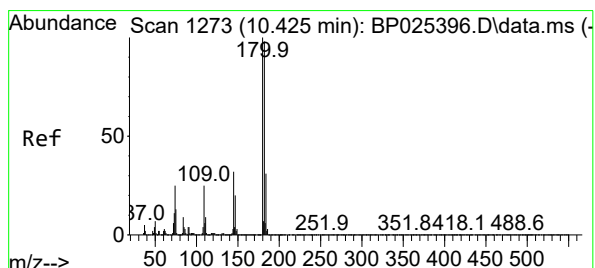
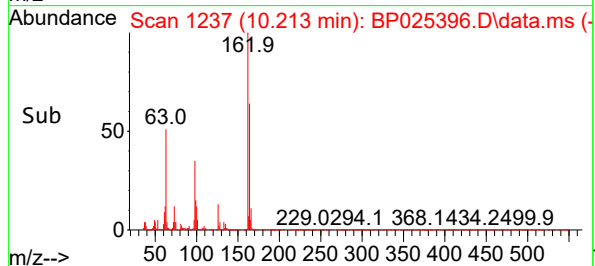
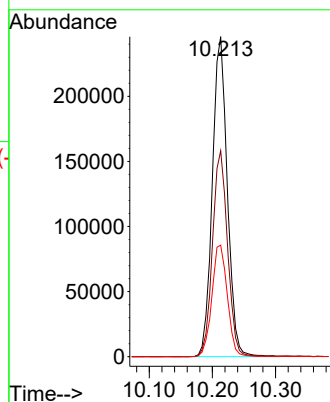
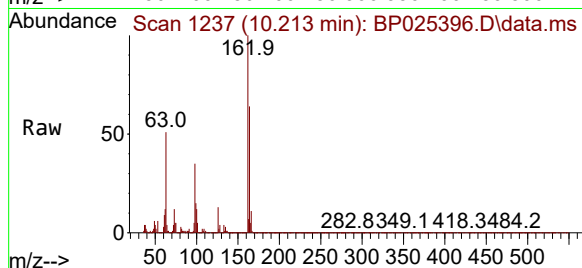
98 34.9 14.9 54.9

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#30

1,2,4-Trichlorobenzene

Concen: 38.529 ng

RT: 10.425 min Scan# 1273

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

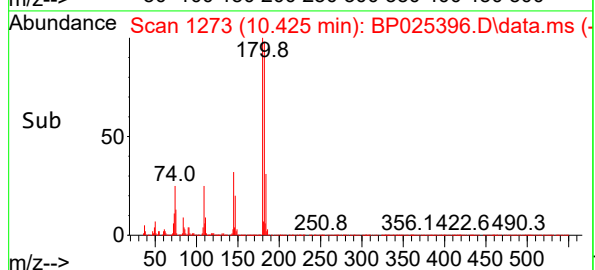
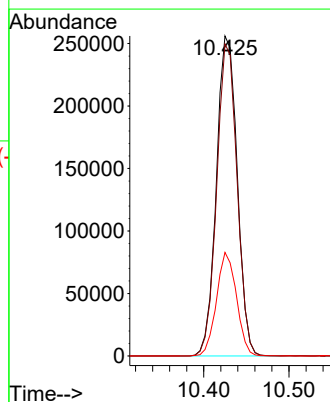
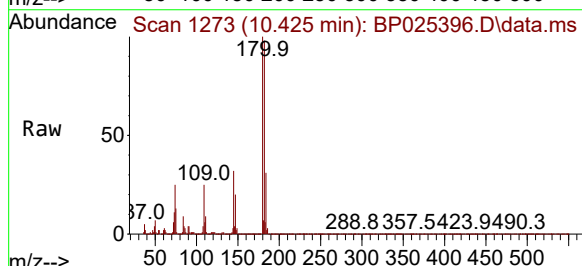
Tgt Ion:180 Resp: 434105

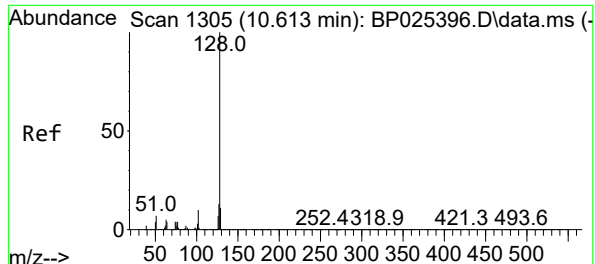
Ion Ratio Lower Upper

180 100

182 97.5 78.0 117.0

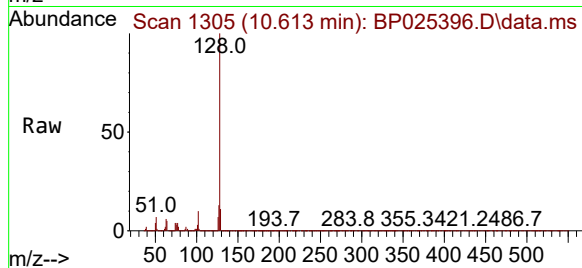
145 32.4 25.9 38.9





#31
Naphthalene
Concen: 38.472 ng
RT: 10.613 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

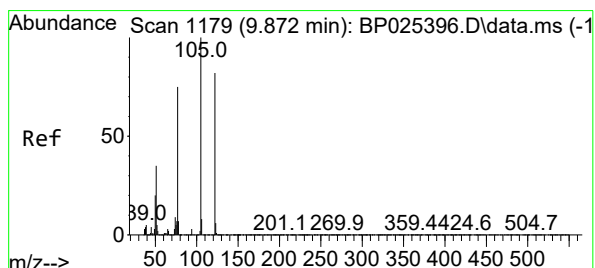
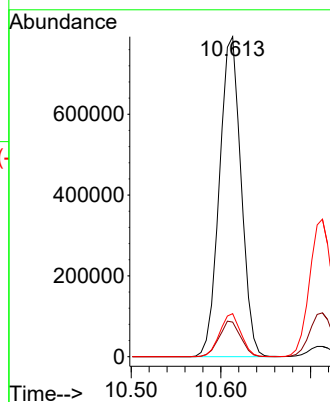
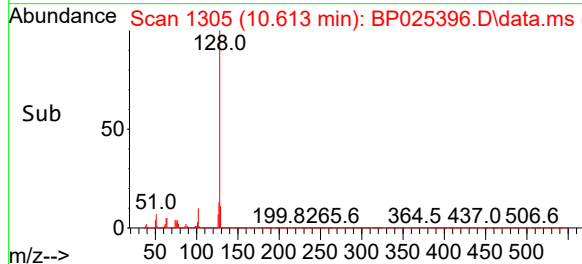
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:128 Resp: 1326839
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.4 10.7 16.1

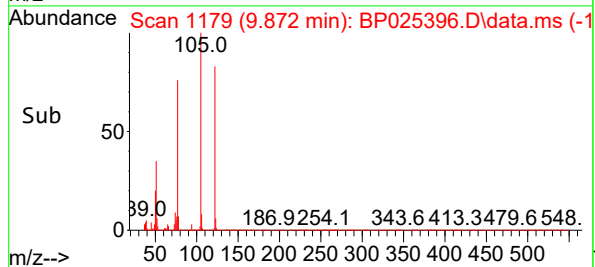
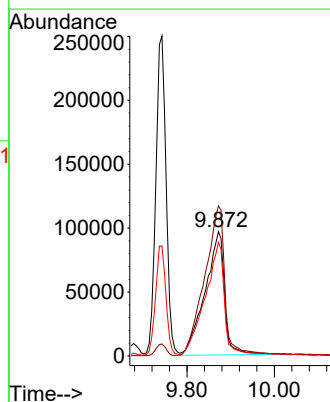
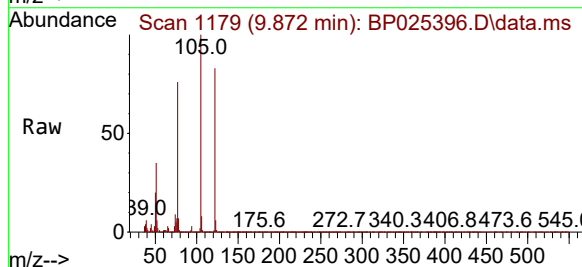
Manual Integrations
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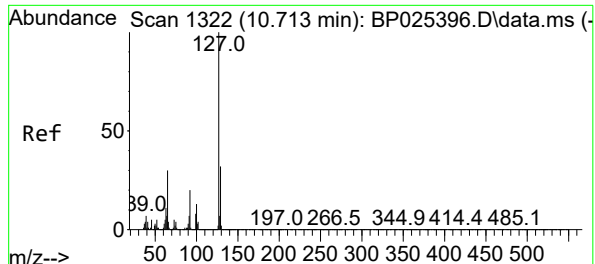
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#32
Benzoic acid
Concen: 39.537 ng
RT: 9.872 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:122 Resp: 301281
Ion Ratio Lower Upper
122 100
105 120.6 100.6 140.6
77 91.5 71.5 111.5





#33

4-Chloroaniline

Concen: 39.350 ng

RT: 10.713 min Scan# 1322

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:127 Resp: 599460

Ion Ratio Lower Upper

127 100

129 31.8 25.4 38.2

65 29.7 23.8 35.6

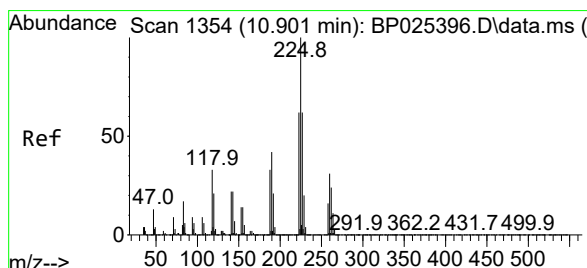
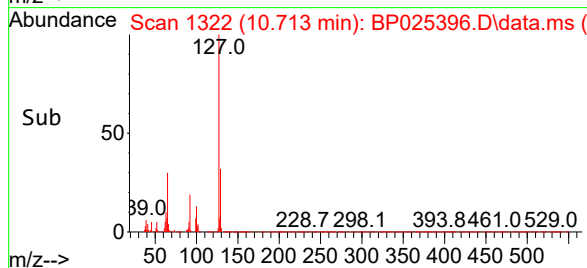
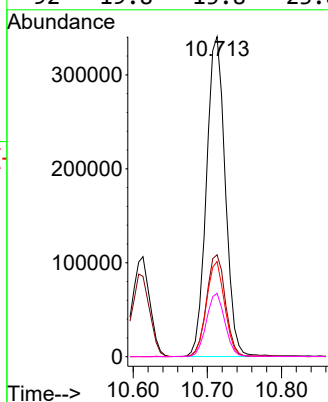
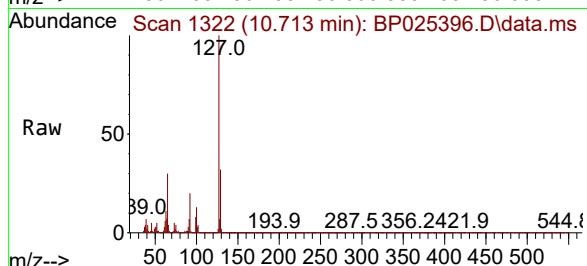
92 19.8 15.8 23.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#34

Hexachlorobutadiene

Concen: 38.700 ng

RT: 10.901 min Scan# 1354

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

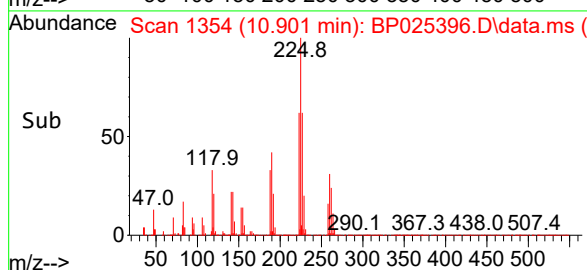
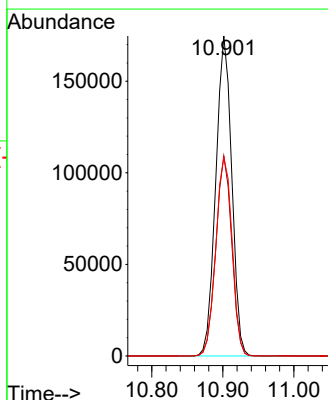
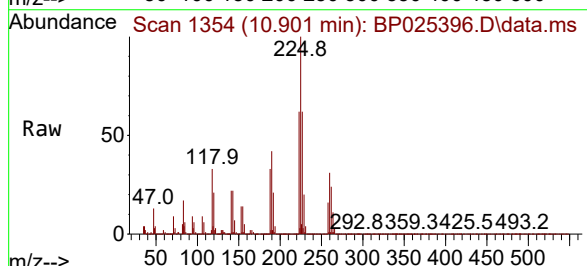
Tgt Ion:225 Resp: 271549

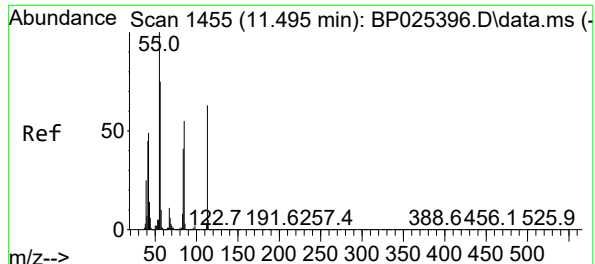
Ion Ratio Lower Upper

225 100

223 62.5 50.0 75.0

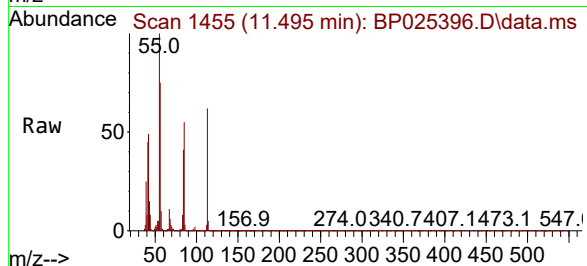
227 62.1 49.7 74.5





#35
Caprolactam
Concen: 38.520 ng
RT: 11.495 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

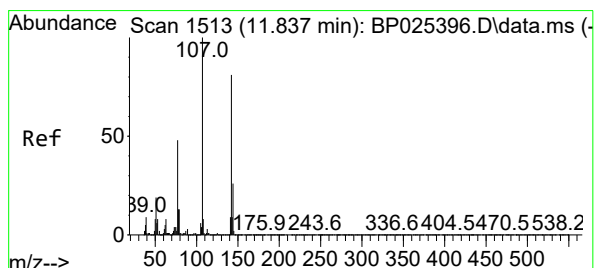
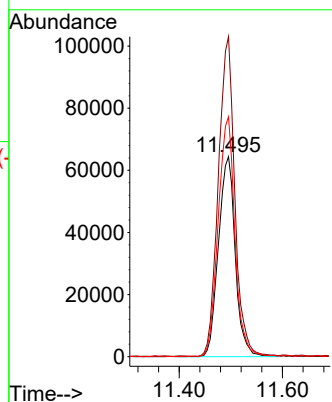
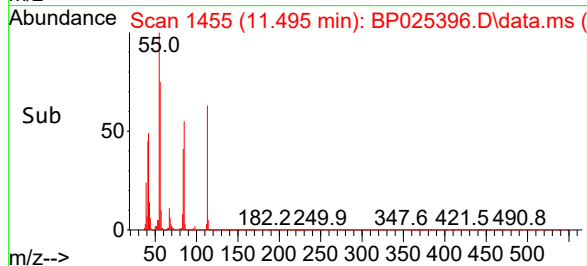
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:113 Resp: 14517
Ion Ratio Lower Upper
113 100
55 160.0 140.0 180.0
56 120.0 100.0 140.0

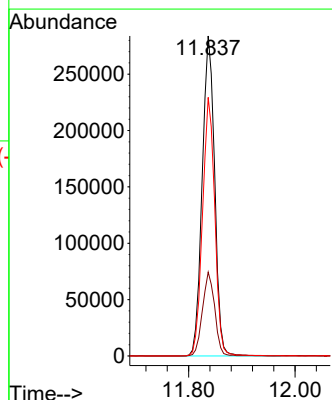
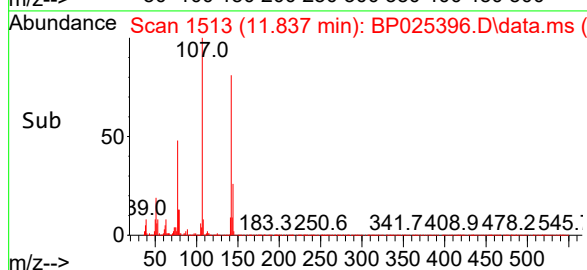
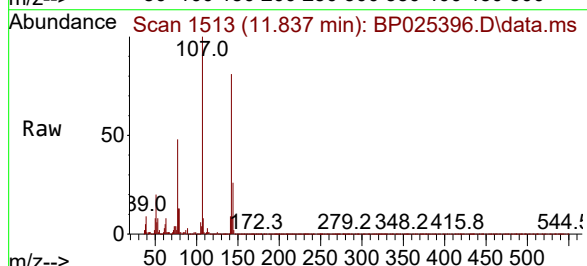
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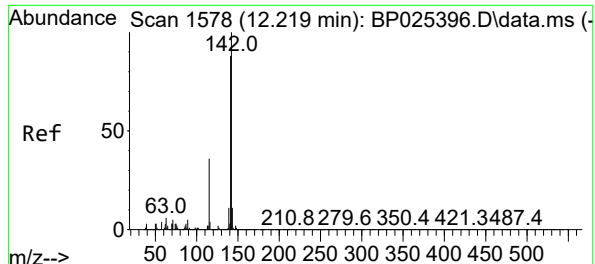
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#36
4-Chloro-3-methylphenol
Concen: 38.959 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:107 Resp: 459473
Ion Ratio Lower Upper
107 100
144 26.2 21.0 31.4
142 80.8 64.6 97.0





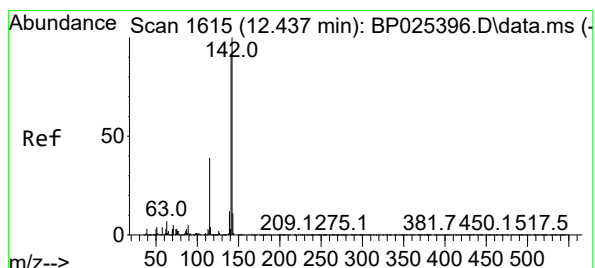
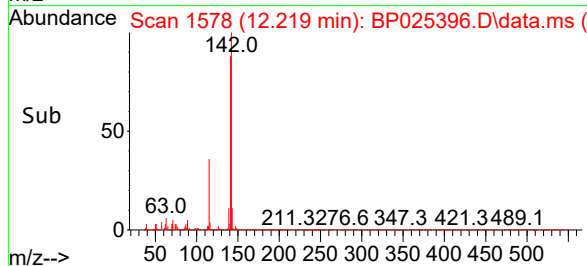
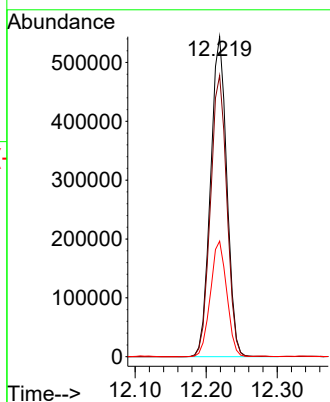
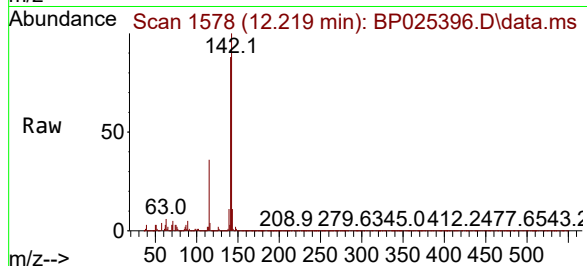
#37
2-Methylnaphthalene
Concen: 38.559 ng
RT: 12.219 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:142 Resp: 86542
Ion Ratio Lower Upper
142 100
141 87.9 70.3 105.5
115 36.1 28.9 43.3

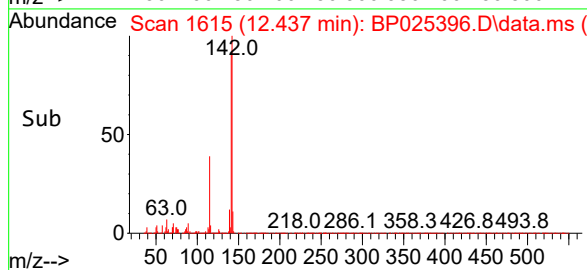
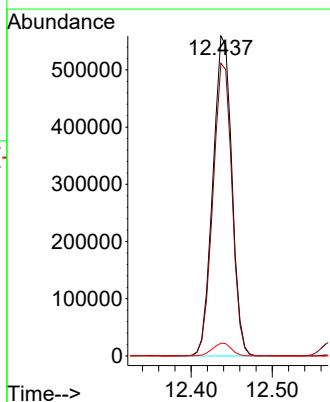
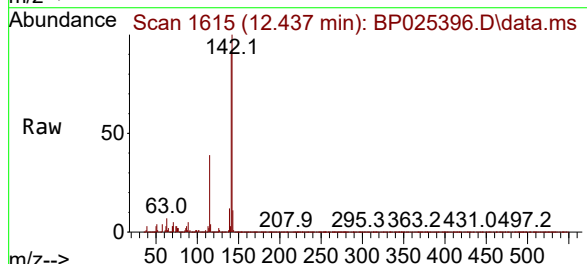
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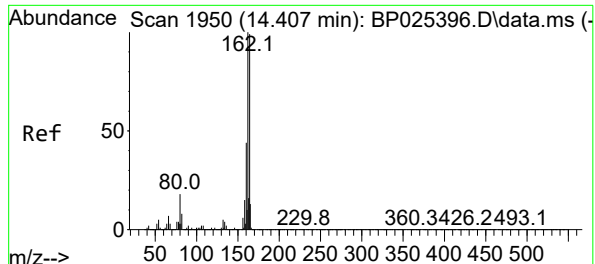
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#38
1-Methylnaphthalene
Concen: 38.120 ng
RT: 12.437 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:142 Resp: 909865
Ion Ratio Lower Upper
142 100
141 91.4 73.1 109.7
116 4.0 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.407 min Scan# 1950

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:164 Resp: 441110

Ion Ratio Lower Upper

164 100

162 101.3 81.0 121.6

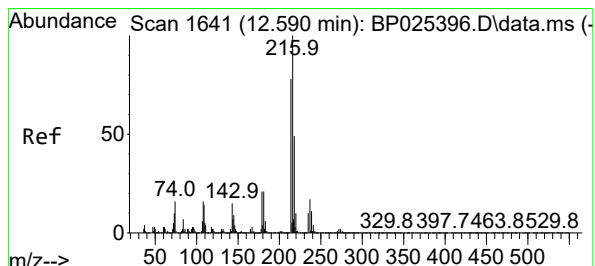
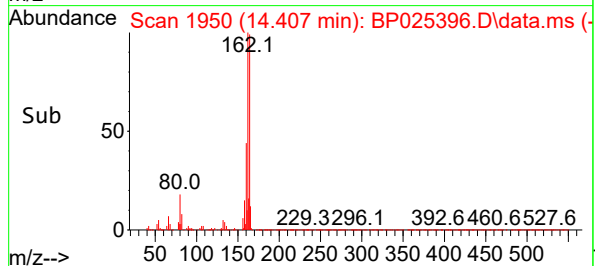
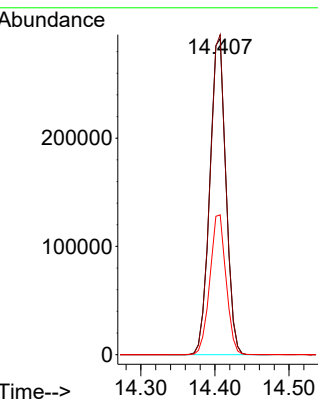
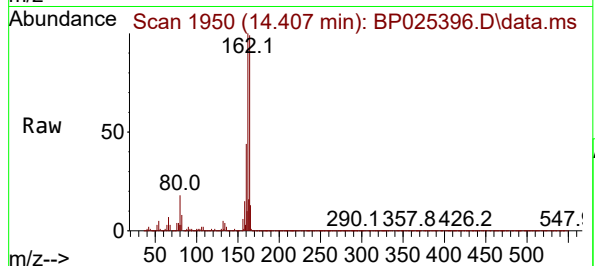
160 44.3 35.4 53.2

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.787 ng

RT: 12.590 min Scan# 1641

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

Tgt Ion:216 Resp: 494141

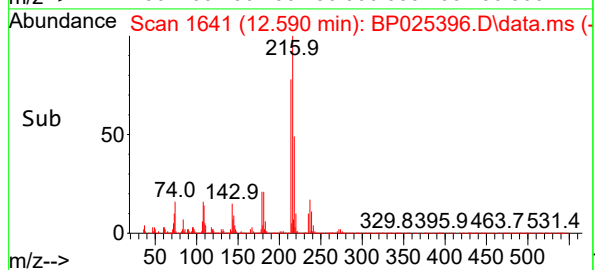
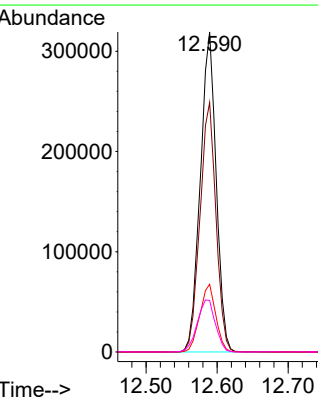
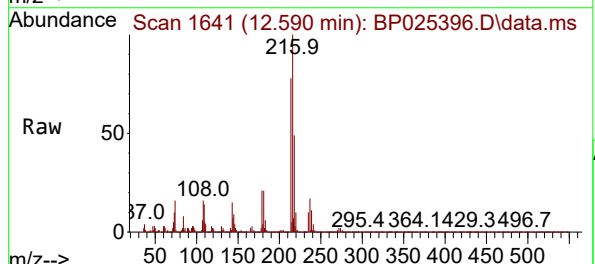
Ion Ratio Lower Upper

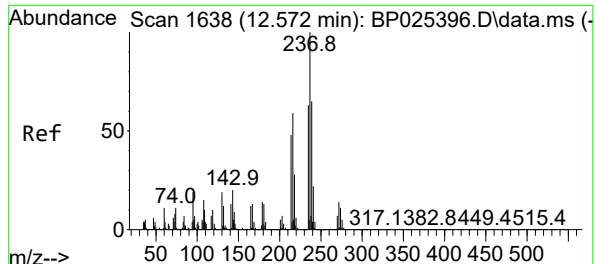
216 100

214 78.7 63.0 94.4

179 21.4 17.1 25.7

108 18.6 14.9 22.3





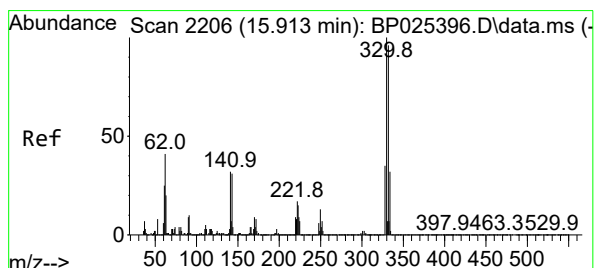
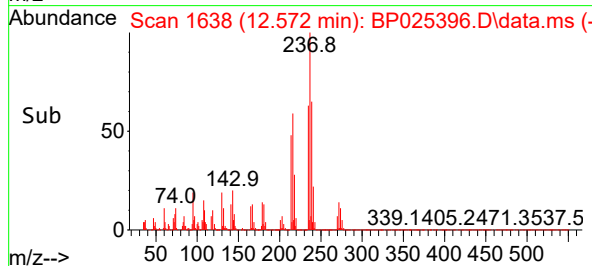
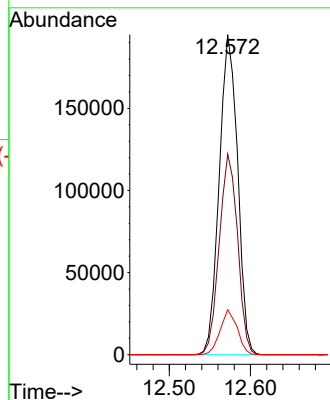
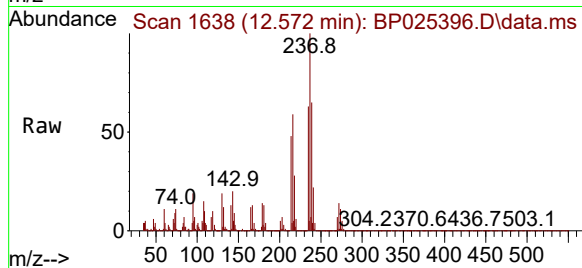
#41
Hexachlorocyclopentadiene
Concen: 39.896 ng
RT: 12.572 min Scan# 1638
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 237 Resp: 307015
Ion Ratio Lower Upper
237 100
235 62.7 42.7 82.7
272 14.0 0.0 34.0

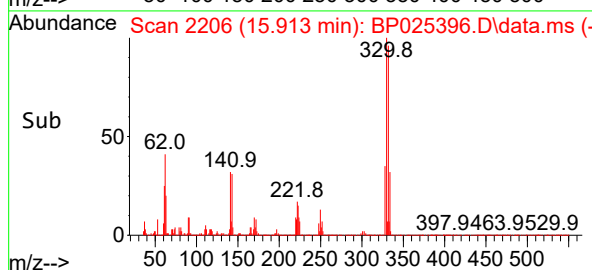
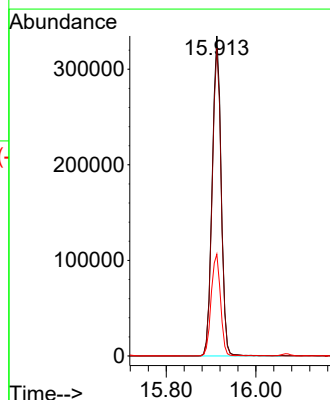
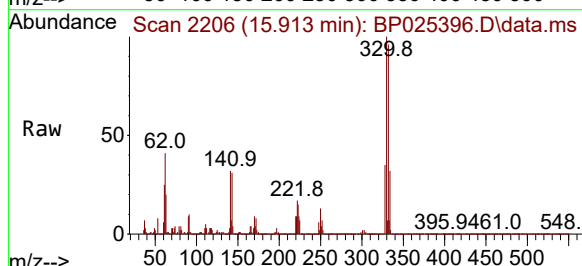
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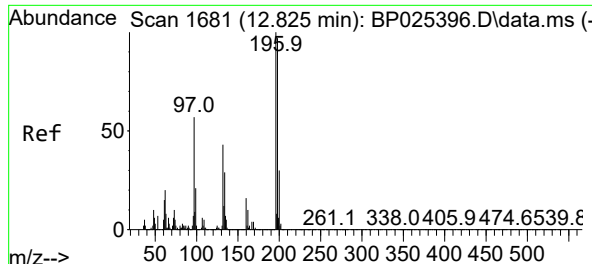
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#42
2,4,6-Tribromophenol
Concen: 78.112 ng
RT: 15.913 min Scan# 2206
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion: 330 Resp: 463783
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 33.2 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 39.201 ng

RT: 12.825 min Scan# 1681

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:196 Resp: 33715

Ion Ratio Lower Upper

196 100

198 96.5 77.2 115.8

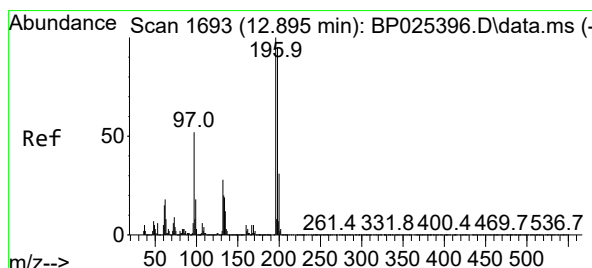
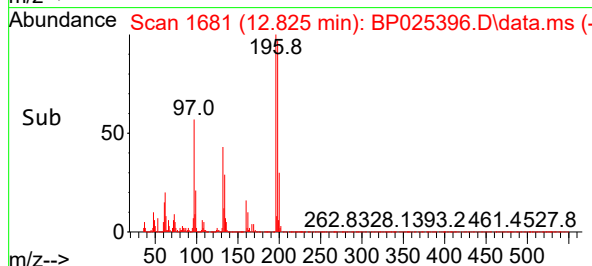
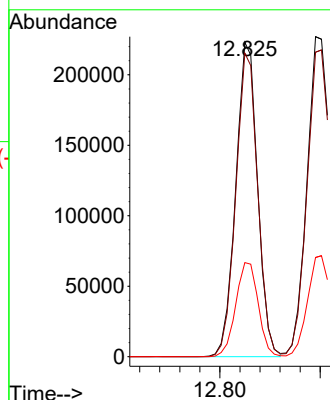
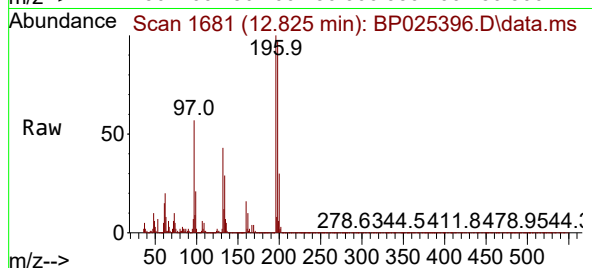
200 29.9 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#44

2,4,5-Trichlorophenol

Concen: 39.664 ng

RT: 12.895 min Scan# 1693

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

Tgt Ion:196 Resp: 373880

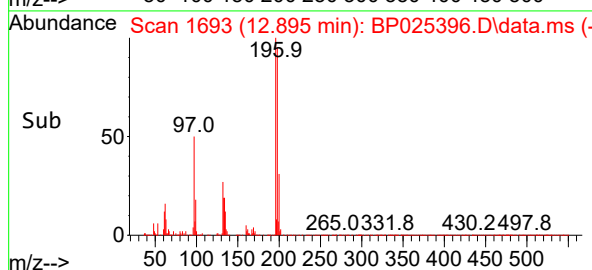
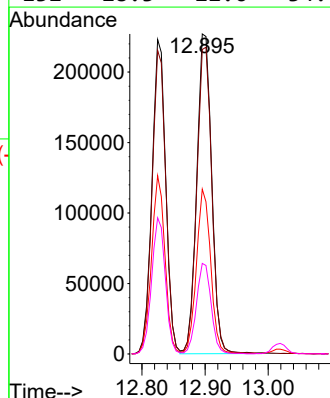
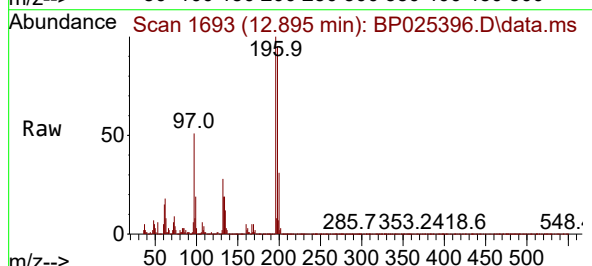
Ion Ratio Lower Upper

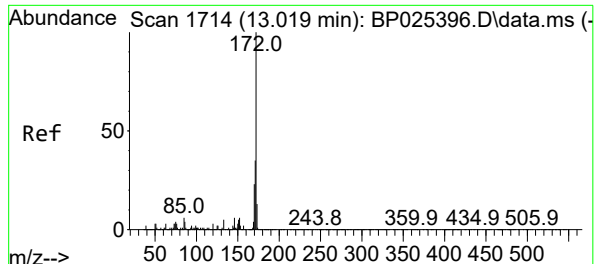
196 100

198 95.2 76.2 114.2

97 51.5 41.2 61.8

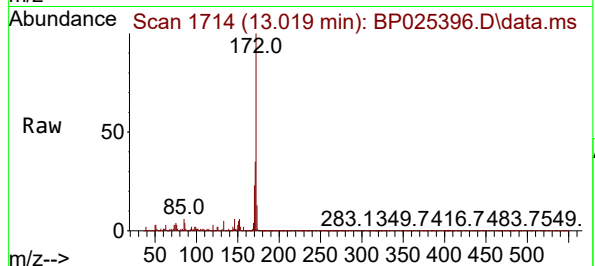
132 28.3 22.6 34.0





#45
2-Fluorobiphenyl
Concen: 76.118 ng
RT: 13.019 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

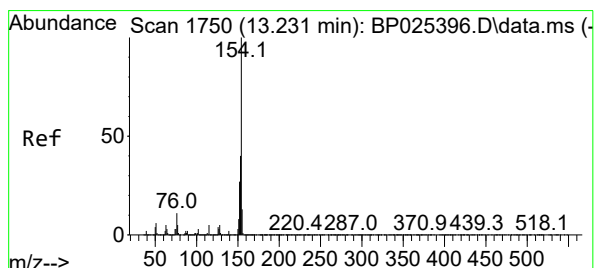
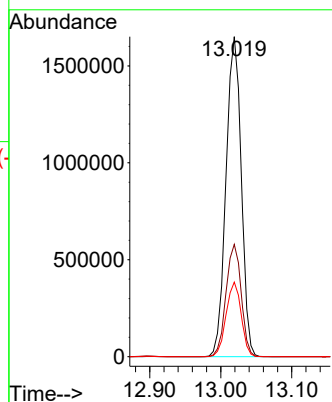
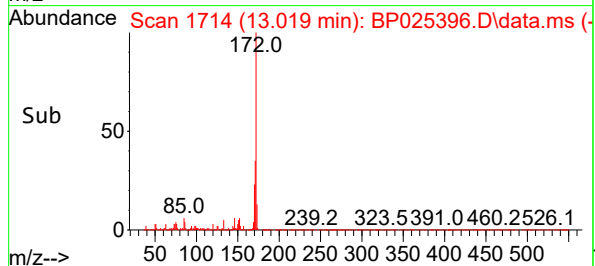
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:172 Resp: 245678
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 23.3 18.6 28.0

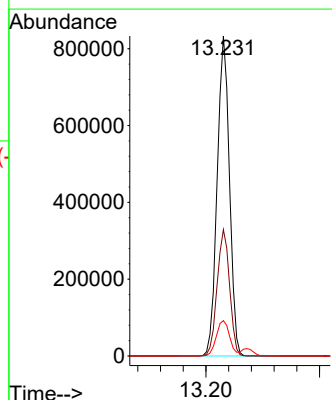
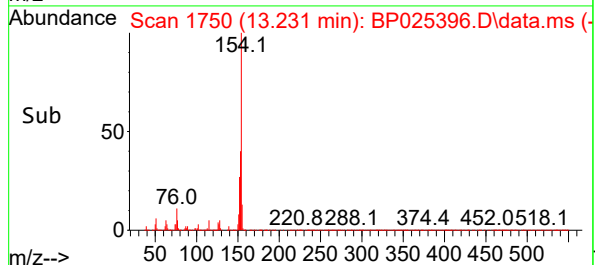
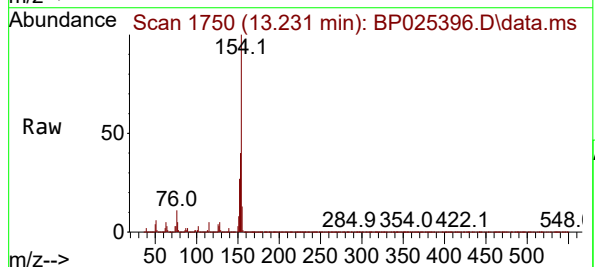
Manual Integrations
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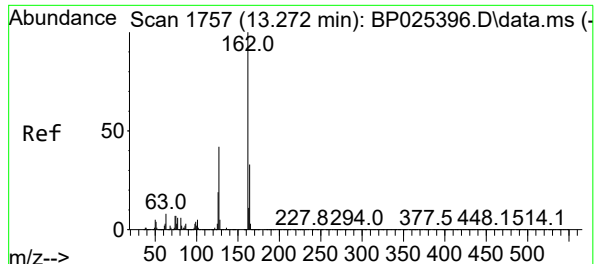
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#46
1,1'-Biphenyl
Concen: 38.777 ng
RT: 13.231 min Scan# 1750
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:154 Resp: 1242247
Ion Ratio Lower Upper
154 100
153 39.5 19.5 59.5
76 11.1 0.0 31.1





#47

2-Chloronaphthalene

Concen: 38.930 ng

RT: 13.272 min Scan# 1757

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:162 Resp: 97090

Ion Ratio Lower Upper

162 100

127 41.8 33.4 50.2

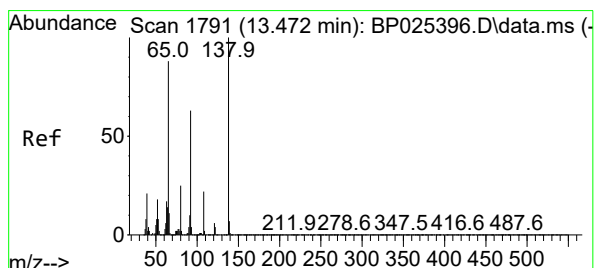
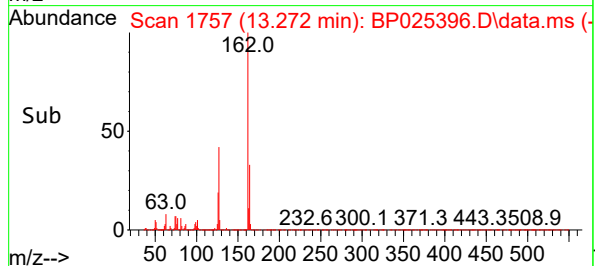
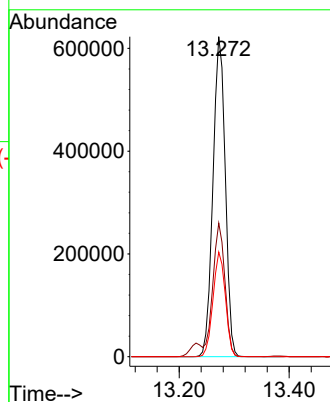
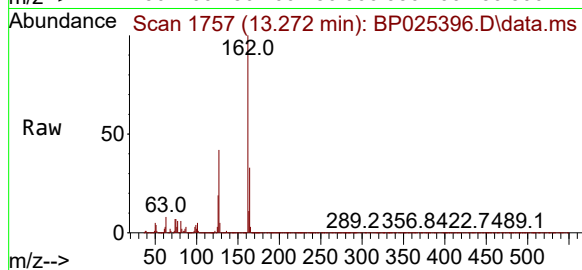
164 32.7 26.2 39.2

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#48

2-Nitroaniline

Concen: 40.092 ng

RT: 13.472 min Scan# 1791

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

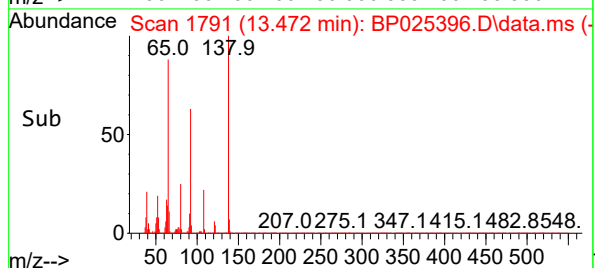
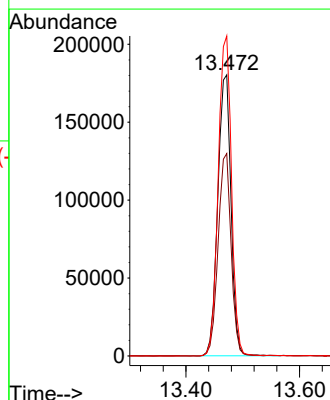
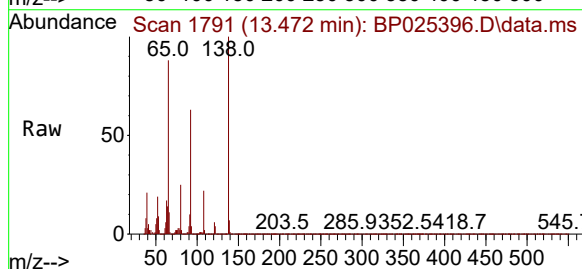
Tgt Ion: 65 Resp: 291341

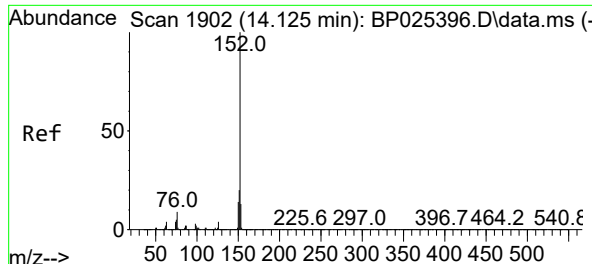
Ion Ratio Lower Upper

65 100

92 72.0 57.6 86.4

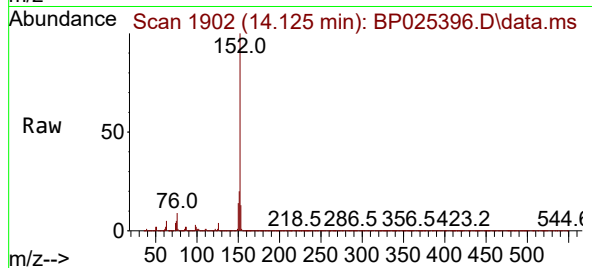
138 113.8 91.0 136.6





#49
Acenaphthylene
Concen: 38.617 ng
RT: 14.125 min Scan# 1902
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

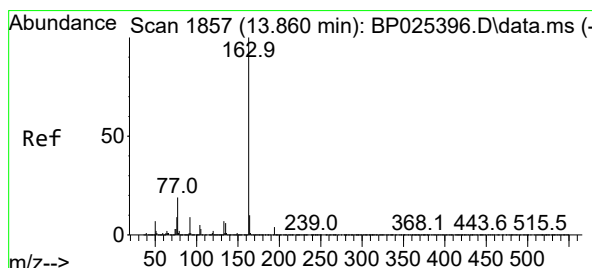
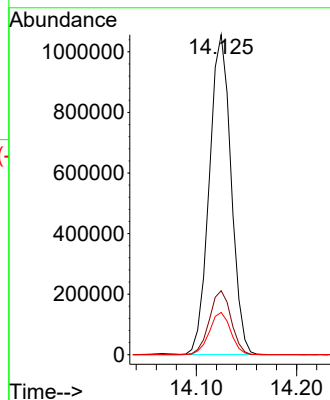
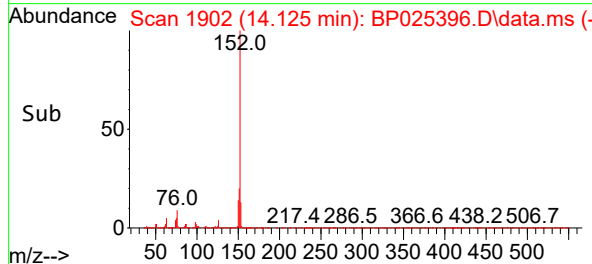
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:152 Resp: 1593630
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.2 10.6 15.8

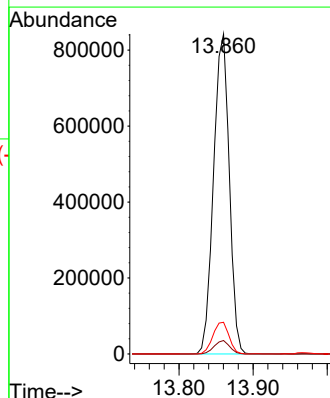
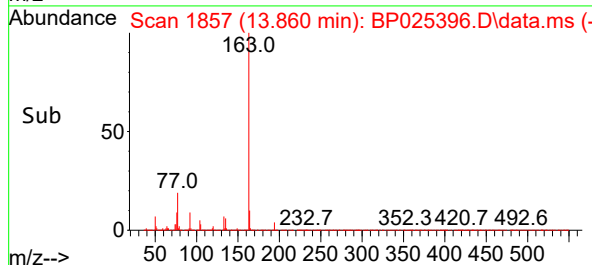
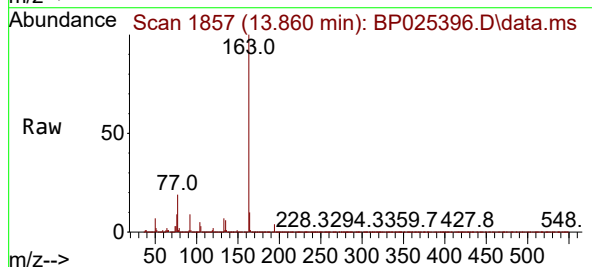
Manual Integrations
APPROVED

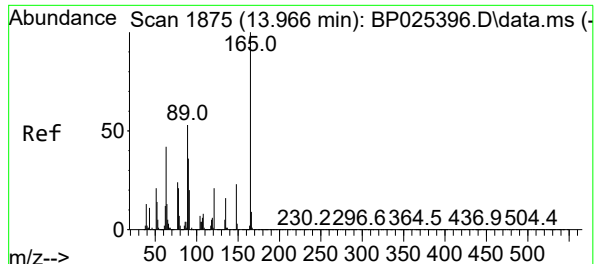
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#50
Dimethylphthalate
Concen: 38.316 ng
RT: 13.860 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:163 Resp: 1237666
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 9.9 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 40.061 ng

RT: 13.966 min Scan# 1875

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:165 Resp: 272750

Ion Ratio Lower Upper

165 100

63 51.1 40.9 61.3

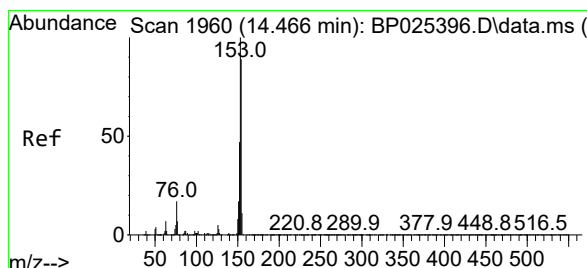
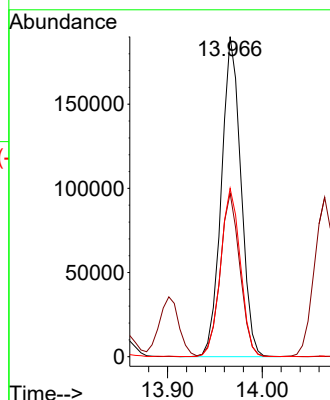
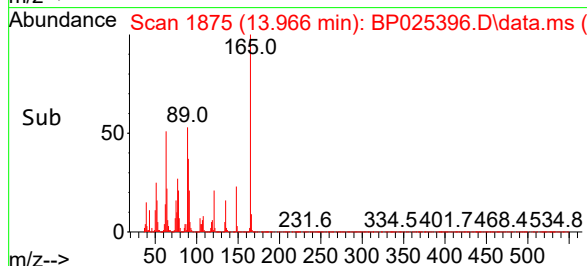
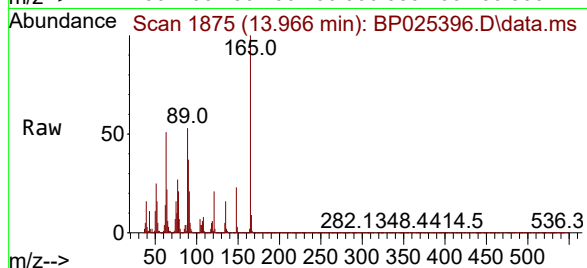
89 52.6 42.1 63.1

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#52

Acenaphthene

Concen: 37.921 ng

RT: 14.466 min Scan# 1960

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

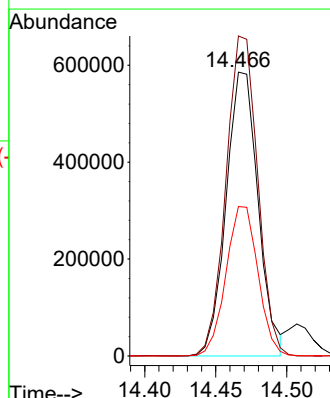
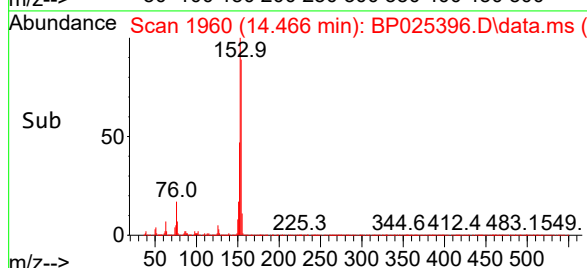
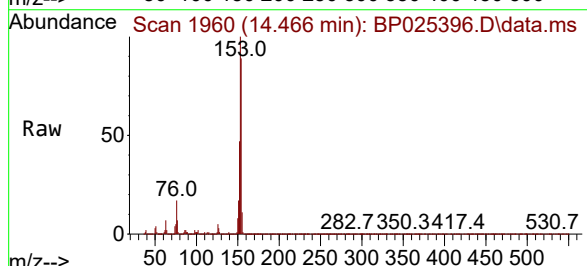
Tgt Ion:154 Resp: 918569

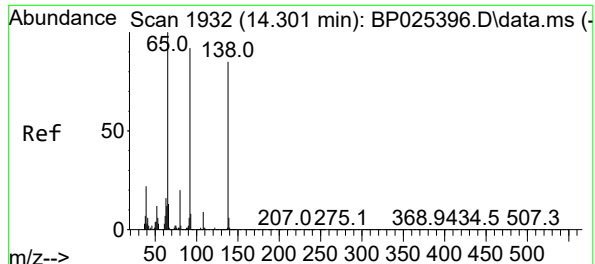
Ion Ratio Lower Upper

154 100

153 112.7 90.2 135.2

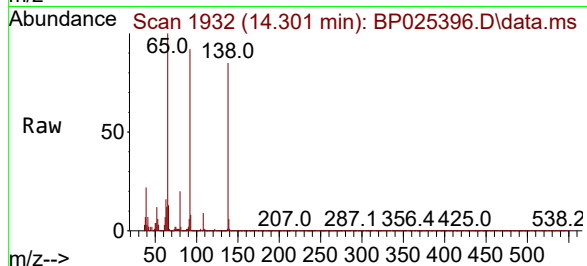
152 52.6 42.1 63.1





#53
3-Nitroaniline
Concen: 39.349 ng
RT: 14.301 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

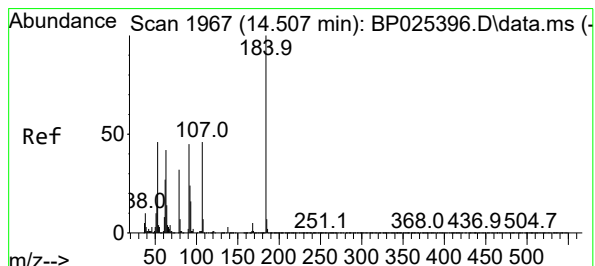
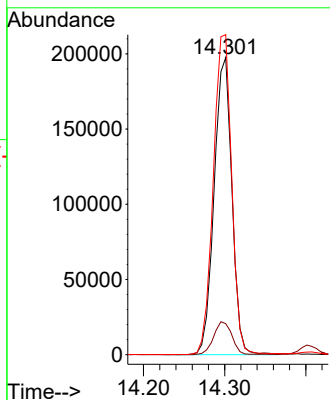
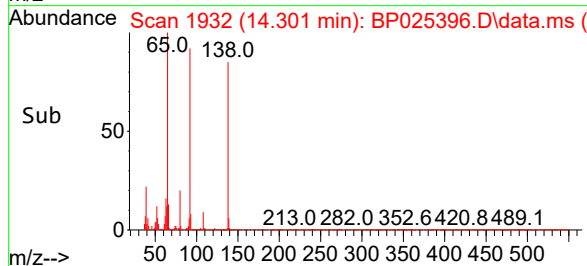
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:138 Resp: 30141
Ion Ratio Lower Upper
138 100
108 10.4 8.3 12.5
92 107.7 86.2 129.2

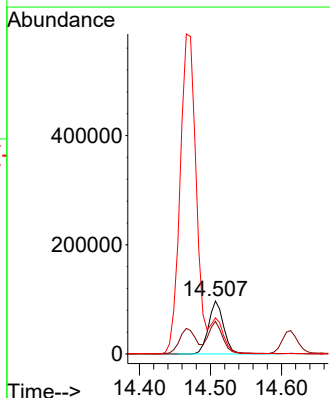
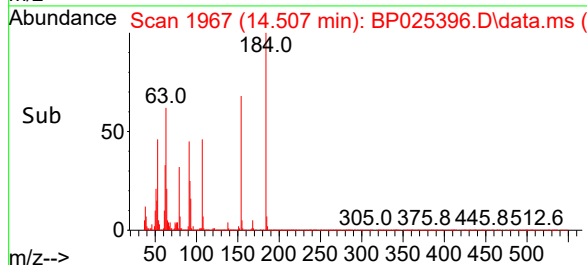
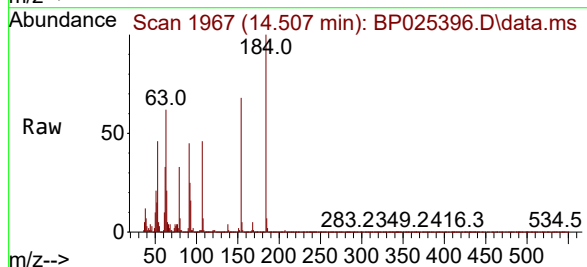
Manual Integrations
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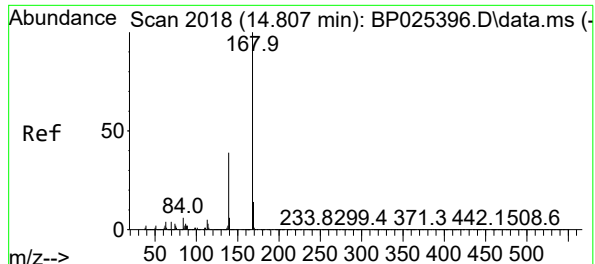
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#54
2,4-Dinitrophenol
Concen: 39.633 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:184 Resp: 144100
Ion Ratio Lower Upper
184 100
63 61.8 49.4 74.2
154 68.3 54.6 82.0





#55

Dibenzenofuran

Concen: 38.624 ng

RT: 14.807 min Scan# 2018

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:168 Resp: 1479220

Ion Ratio Lower Upper

168 100

139 39.4 31.5 47.3

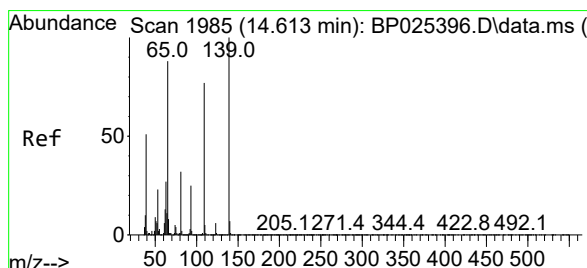
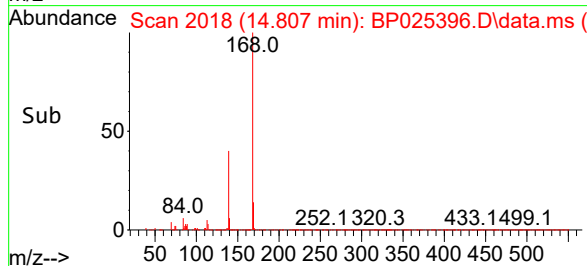
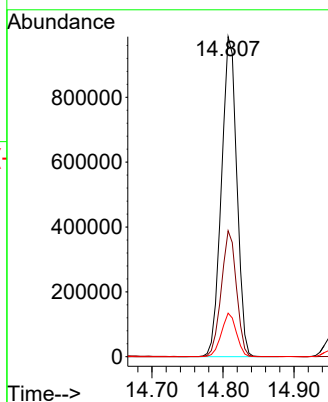
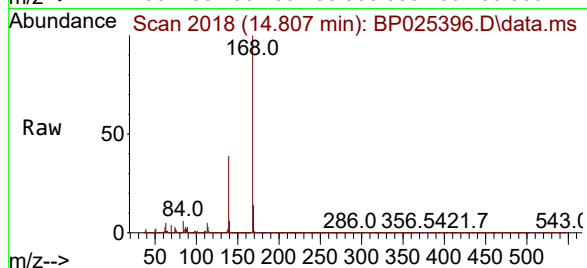
169 13.6 10.9 16.3

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#56

4-Nitrophenol

Concen: 39.168 ng

RT: 14.613 min Scan# 1985

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

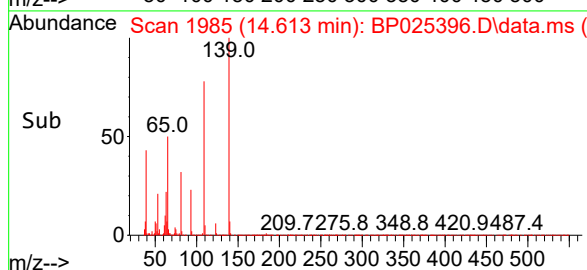
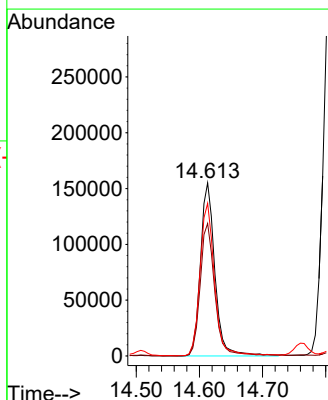
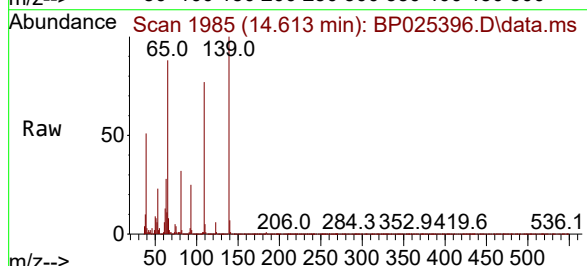
Tgt Ion:139 Resp: 246542

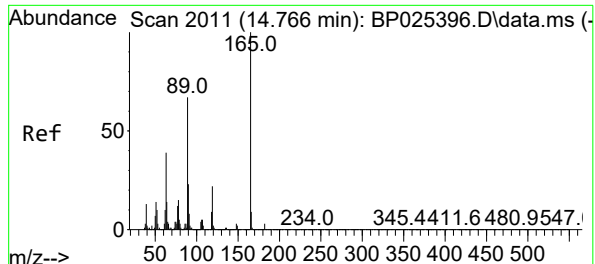
Ion Ratio Lower Upper

139 100

109 76.6 56.6 96.6

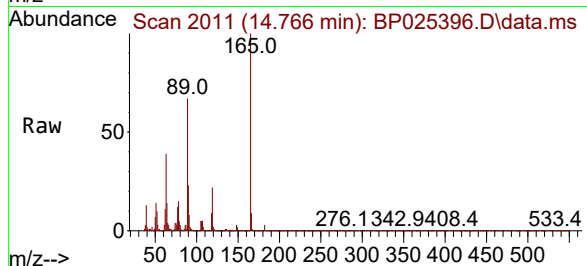
65 88.2 68.2 108.2





#57
2,4-Dinitrotoluene
Concen: 39.757 ng
RT: 14.766 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

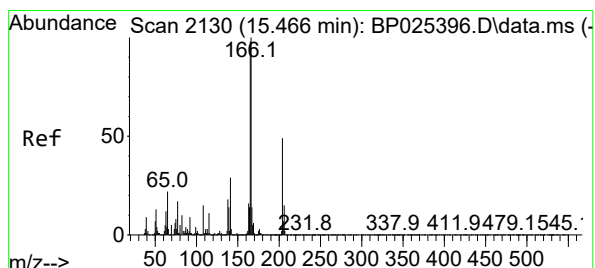
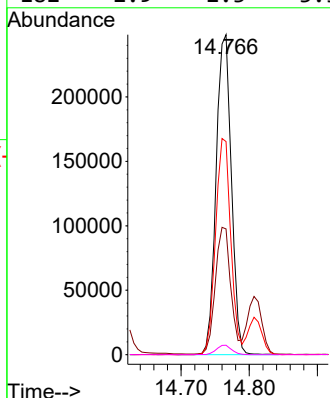
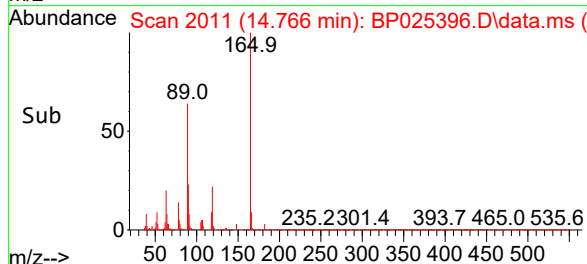
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:165 Resp: 386189
Ion Ratio Lower Upper
165 100
63 39.3 31.4 47.2
89 66.6 53.3 79.9
182 2.9 2.3 3.5

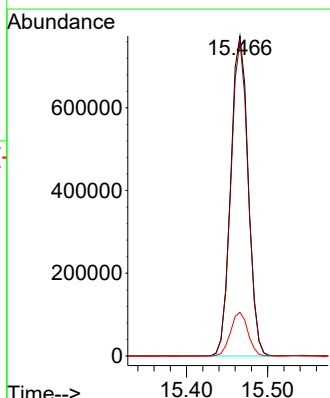
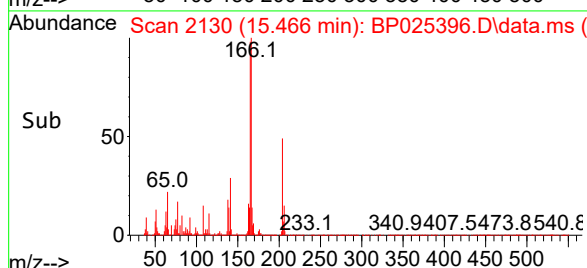
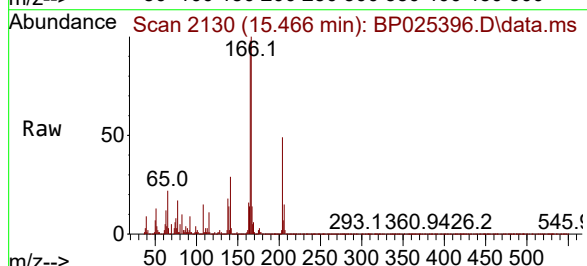
Manual Integrations
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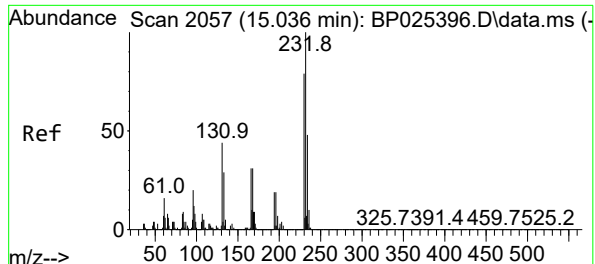
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#58
Fluorene
Concen: 38.115 ng
RT: 15.466 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:166 Resp: 1151825
Ion Ratio Lower Upper
166 100
165 98.5 78.8 118.2
167 13.7 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 38.975 ng

RT: 15.036 min Scan# 2057

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:232 Resp: 324390

Ion Ratio Lower Upper

232 100

131 46.3 37.0 55.6

130 2.4 1.9 2.9

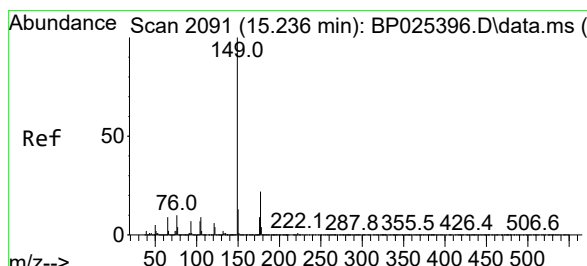
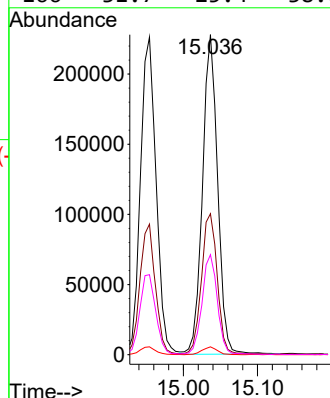
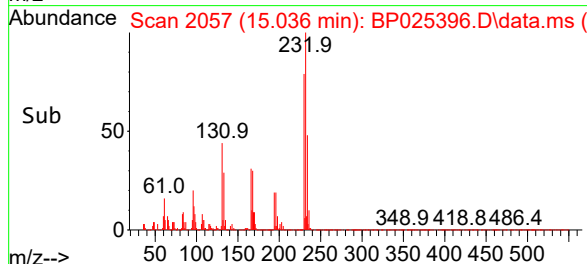
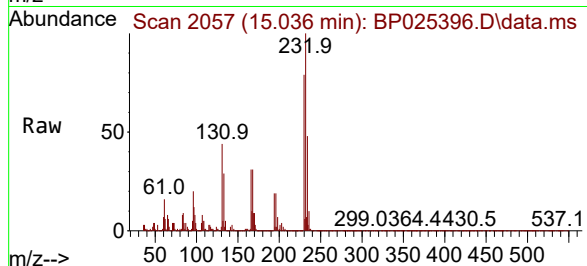
166 31.7 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#60

Diethylphthalate

Concen: 38.533 ng

RT: 15.236 min Scan# 2091

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

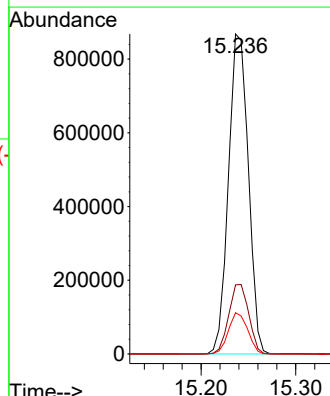
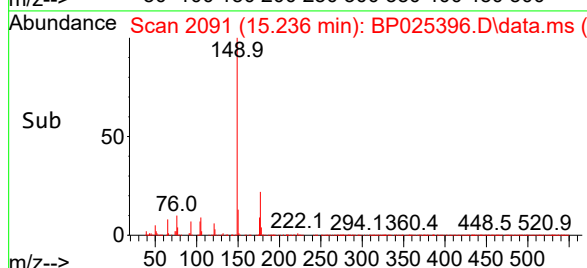
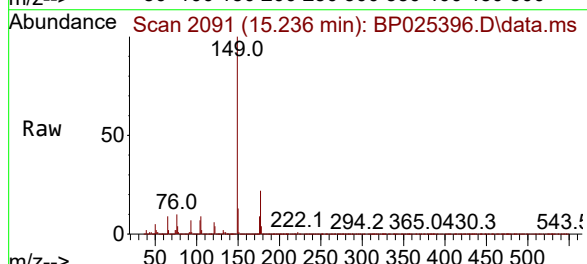
Tgt Ion:149 Resp: 1264740

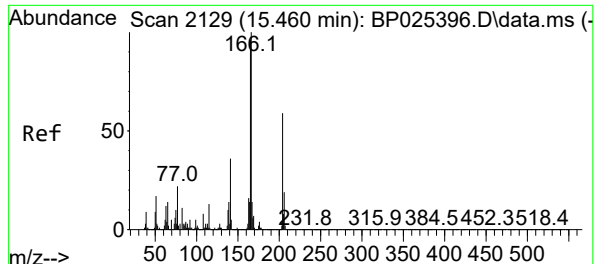
Ion Ratio Lower Upper

149 100

177 21.6 17.3 25.9

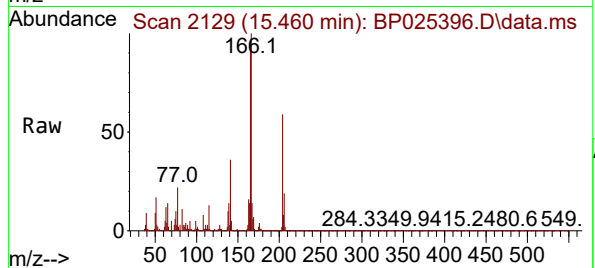
150 12.9 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 38.228 ng
RT: 15.460 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

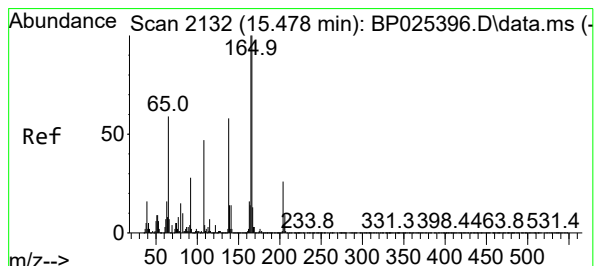
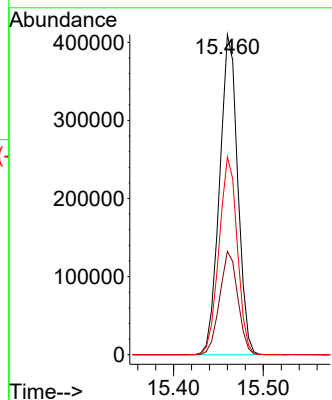
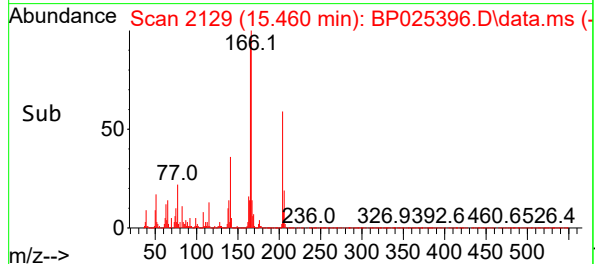
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:204 Resp: 574540
Ion Ratio Lower Upper
204 100
206 32.3 25.8 38.8
141 61.8 49.4 74.2

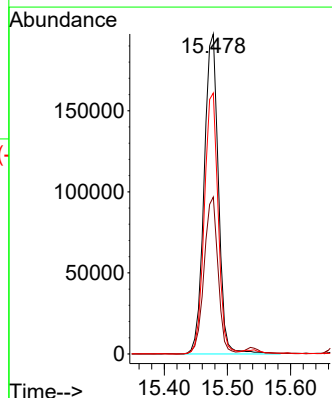
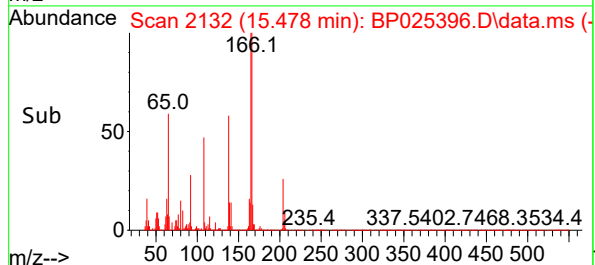
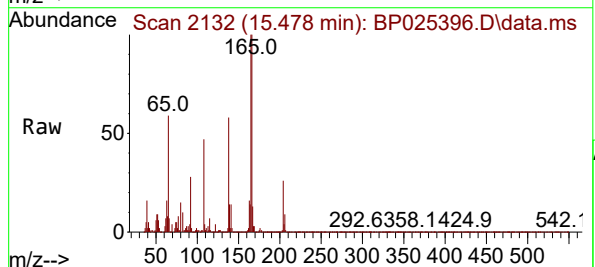
Manual Integrations
APPROVED

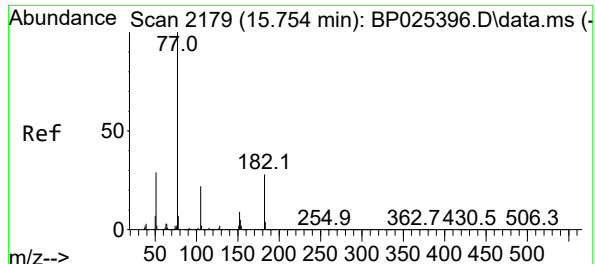
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#62
4-Nitroaniline
Concen: 39.443 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

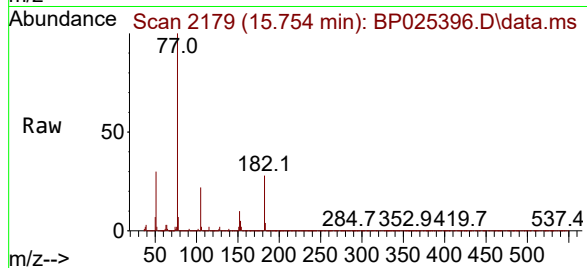
Tgt Ion:138 Resp: 309740
Ion Ratio Lower Upper
138 100
92 49.1 29.1 69.1
108 81.5 61.5 101.5





#63
Azobenzene
Concen: 38.820 ng
RT: 15.754 min Scan# 2179
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

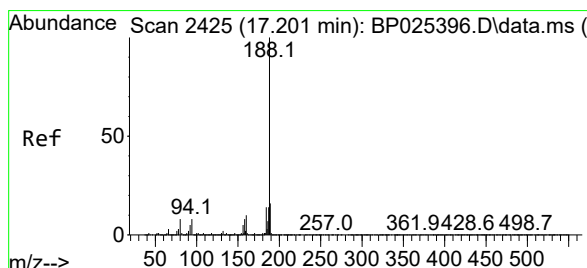
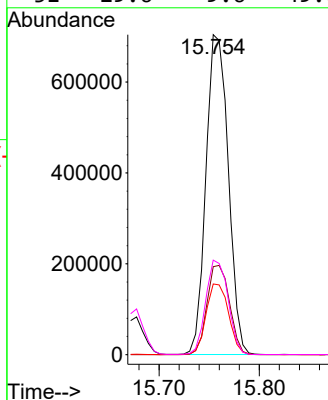
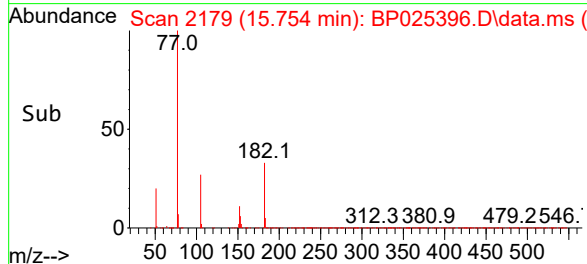
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



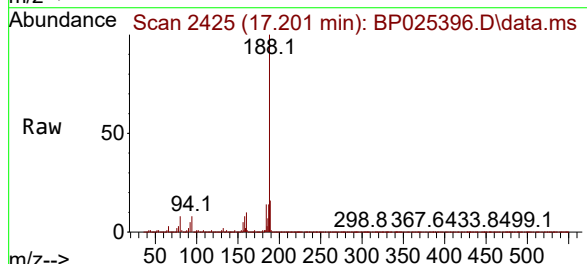
Tgt Ion: 77 Resp: 1091004
Ion Ratio Lower Upper
77 100
182 27.5 7.5 47.5
105 22.1 2.1 42.1
51 29.6 9.6 49.6

Manual Integrations
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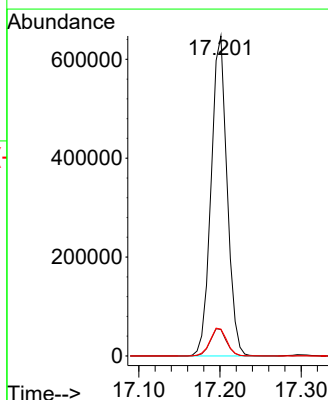
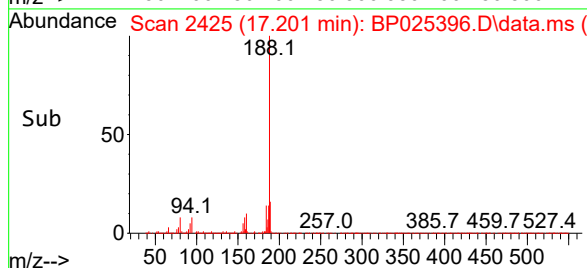
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

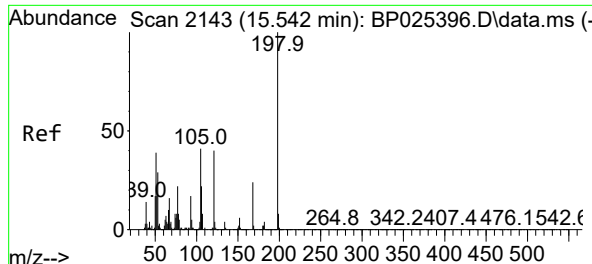


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19



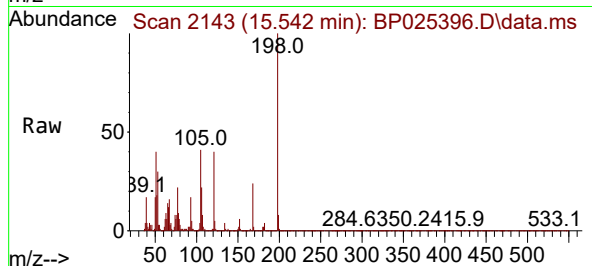
Tgt Ion:188 Resp: 884529
Ion Ratio Lower Upper
188 100
94 8.3 6.6 10.0
80 8.4 6.7 10.1





#65
4,6-Dinitro-2-methylphenol
Concen: 39.384 ng
RT: 15.542 min Scan# 2143
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

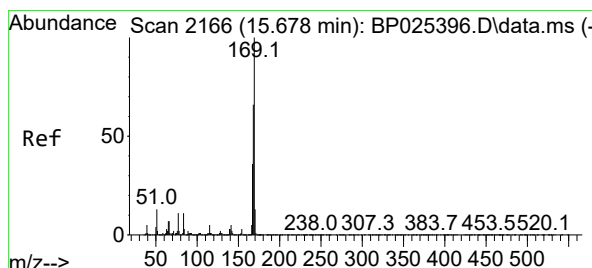
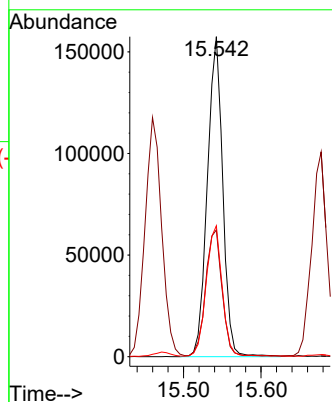
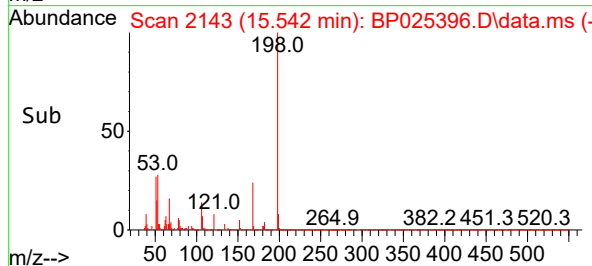
Instrument :
BNA_P
Client Sample Id :
SSTDICCC040



Tgt Ion:198 Resp: 21715
Ion Ratio Lower Upper
198 100
51 39.6 19.6 59.6
105 40.9 20.9 60.9

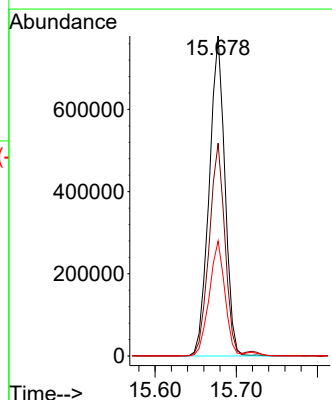
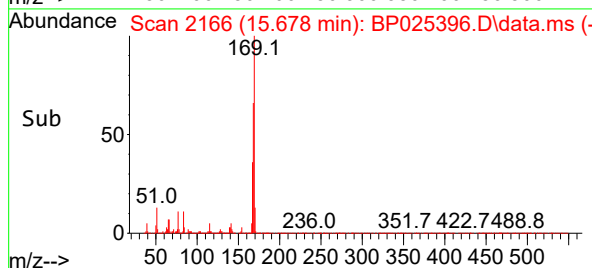
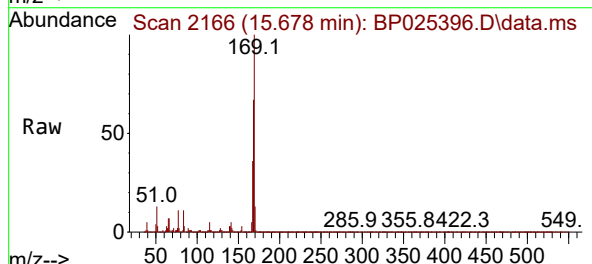
Manual Integrations
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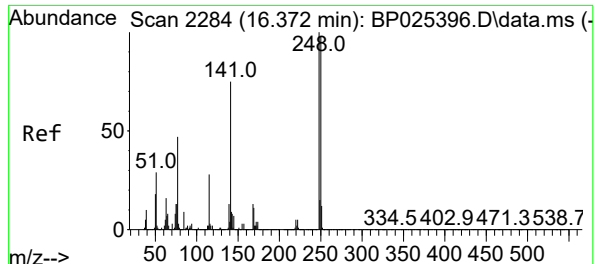
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#66
n-Nitrosodiphenylamine
Concen: 38.749 ng
RT: 15.678 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:169 Resp: 1045170
Ion Ratio Lower Upper
169 100
168 66.5 53.2 79.8
167 35.9 28.7 43.1





#67

4-Bromophenyl-phenylether

Concen: 38.739 ng

RT: 16.372 min Scan# 2284

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:248 Resp: 376864

Ion Ratio Lower Upper

248 100

250 97.7 78.2 117.2

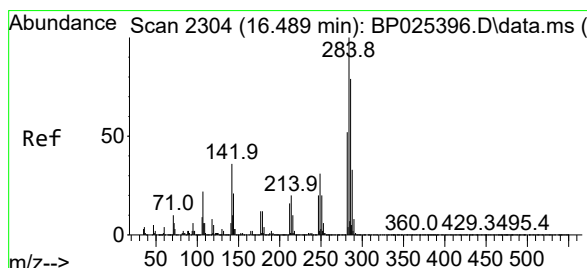
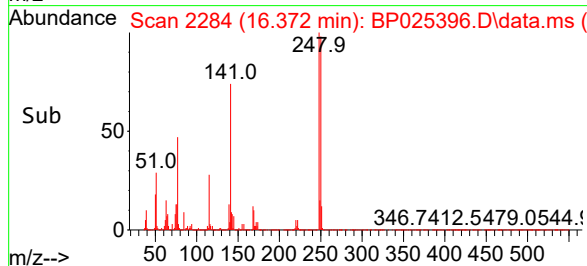
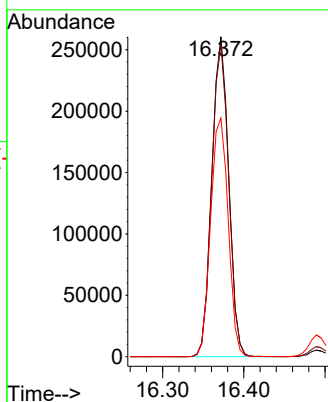
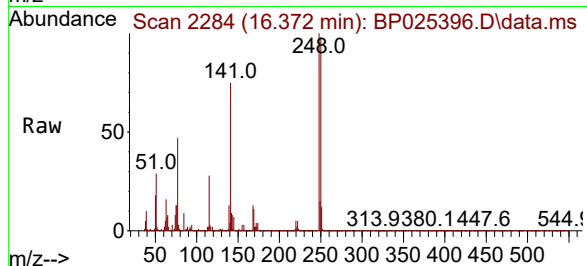
141 74.5 59.6 89.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#68

Hexachlorobenzene

Concen: 37.986 ng

RT: 16.489 min Scan# 2304

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

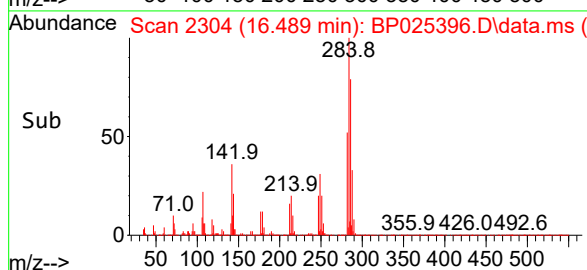
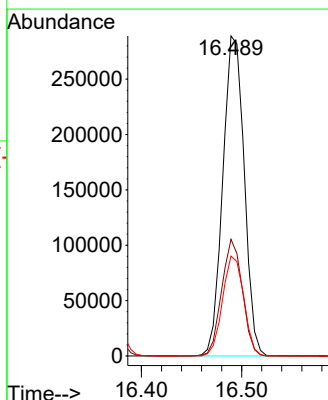
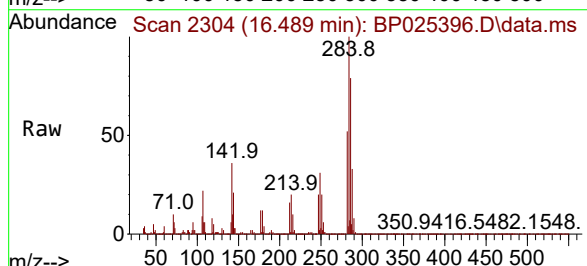
Tgt Ion:284 Resp: 428361

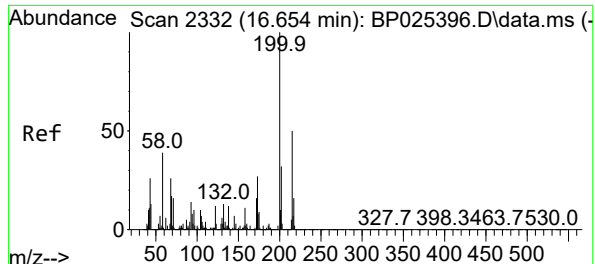
Ion Ratio Lower Upper

284 100

142 36.4 29.1 43.7

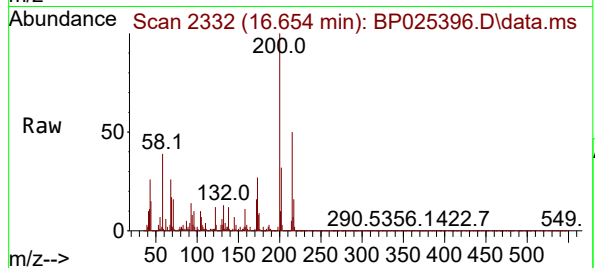
249 31.2 25.0 37.4





#69
Atrazine
Concen: 38.238 ng
RT: 16.654 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

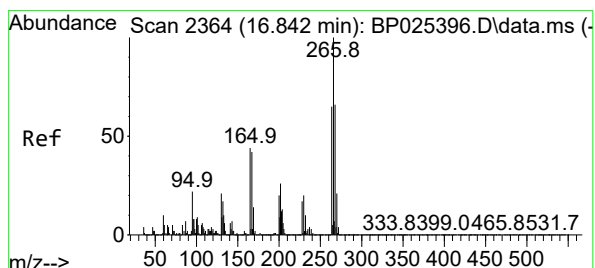
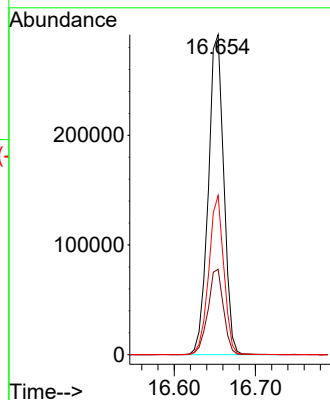
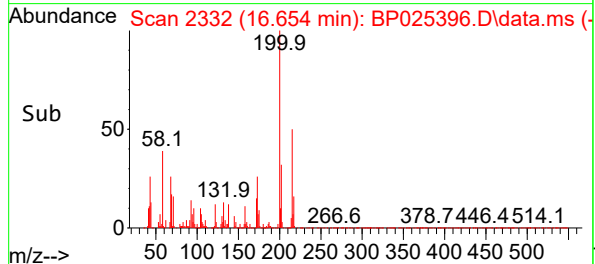
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:200 Resp: 386250
Ion Ratio Lower Upper
200 100
173 26.7 6.7 46.7
215 49.7 29.7 69.7

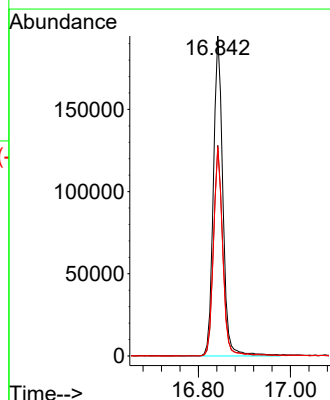
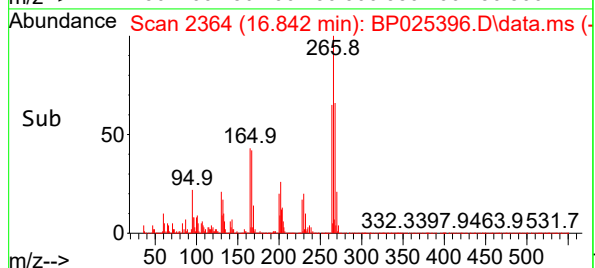
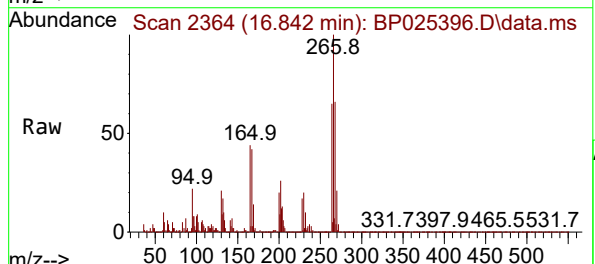
Manual Integrations
APPROVED

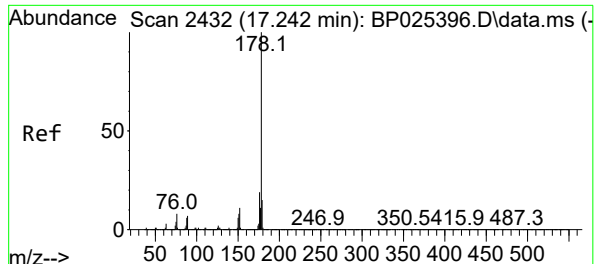
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#70
Pentachlorophenol
Concen: 39.110 ng
RT: 16.842 min Scan# 2364
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion:266 Resp: 278412
Ion Ratio Lower Upper
266 100
268 65.8 52.6 79.0
264 65.0 52.0 78.0





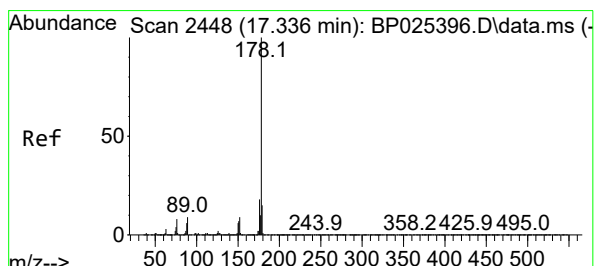
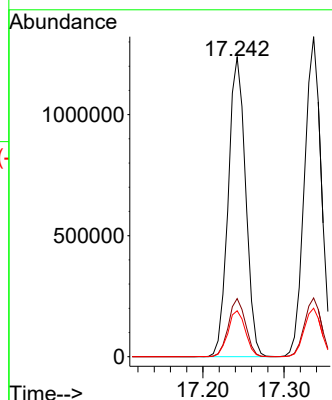
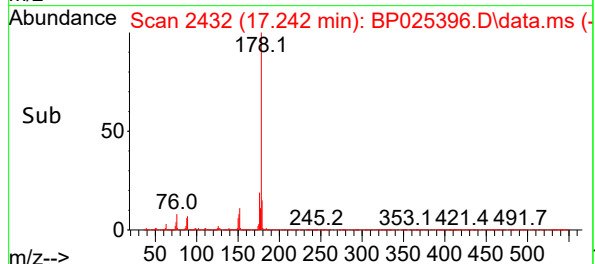
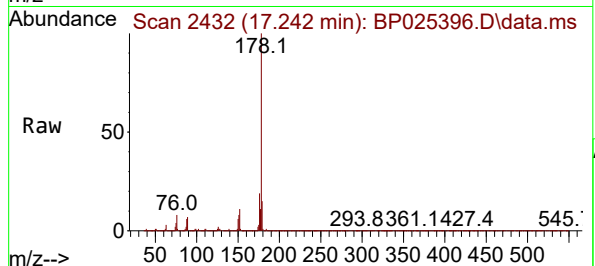
#71
Phenanthrene
Concen: 37.851 ng
RT: 17.242 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:178 Resp: 183919
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.3 12.2 18.4

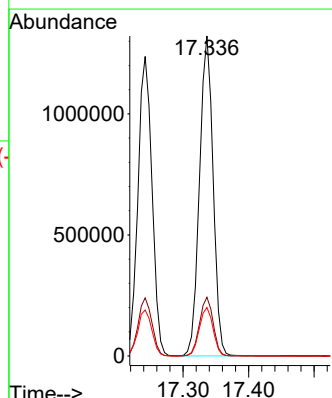
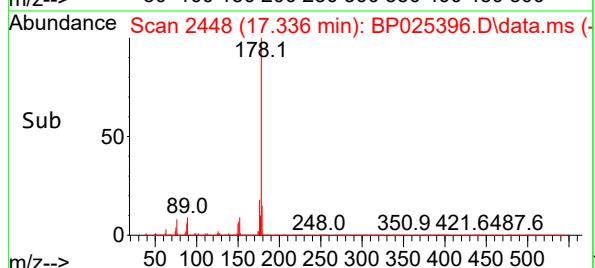
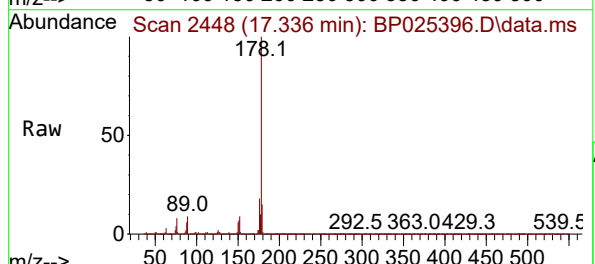
Manual Integrations
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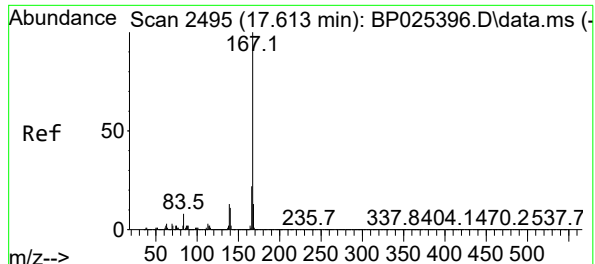
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#72
Anthracene
Concen: 38.456 ng
RT: 17.336 min Scan# 2448
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

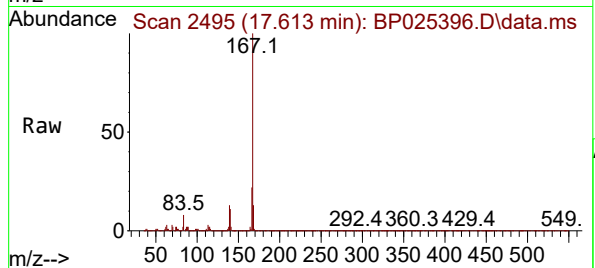
Tgt Ion:178 Resp: 1908189
Ion Ratio Lower Upper
178 100
176 18.4 14.7 22.1
179 15.2 12.2 18.2





#73
Carbazole
Concen: 38.125 ng
RT: 17.613 min Scan# 2495
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

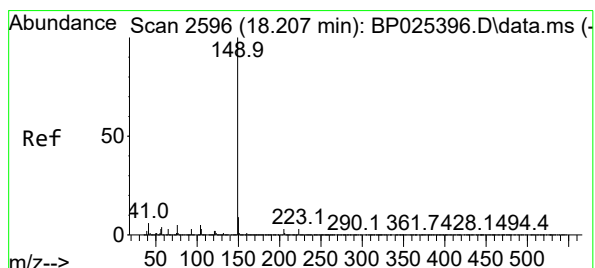
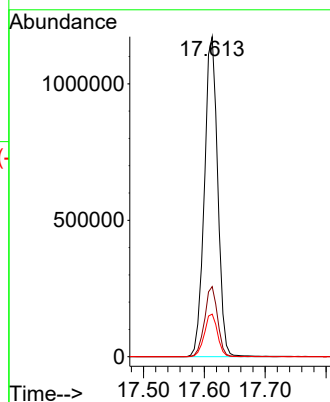
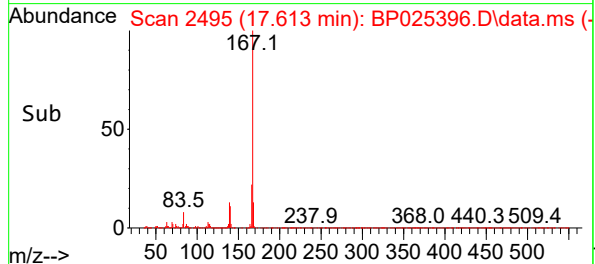
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:167 Resp: 1781890
Ion Ratio Lower Upper
167 100
166 21.9 17.5 26.3
139 13.3 10.6 16.0

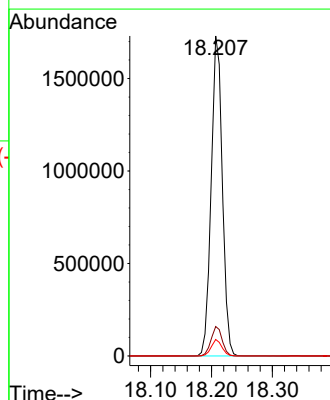
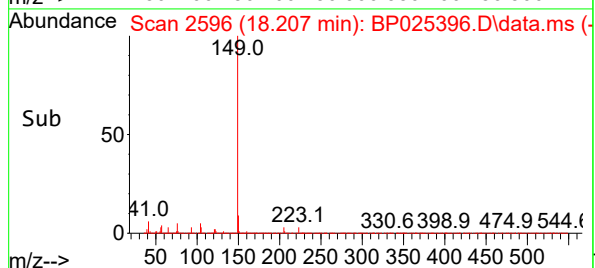
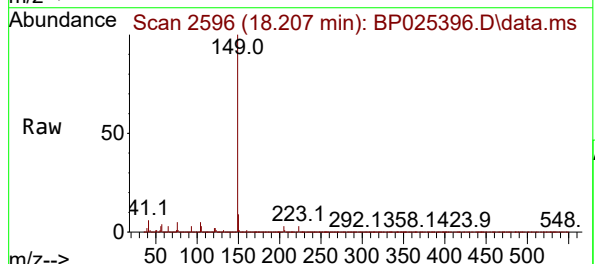
Manual Integrations
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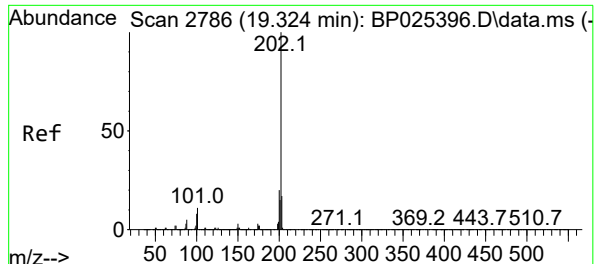
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#74
Di-n-butylphthalate
Concen: 38.277 ng
RT: 18.207 min Scan# 2596
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

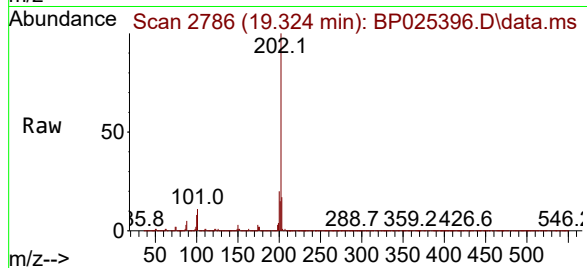
Tgt Ion:149 Resp: 2201043
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 5.2 4.2 6.2





#75
Fluoranthene
Concen: 37.488 ng
RT: 19.324 min Scan# 2786
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

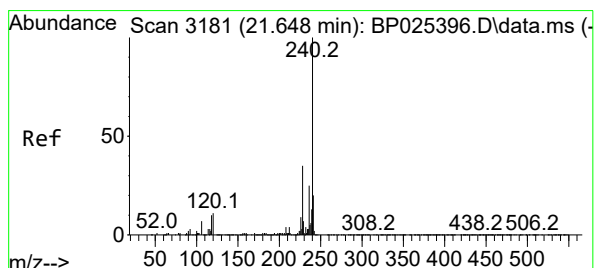
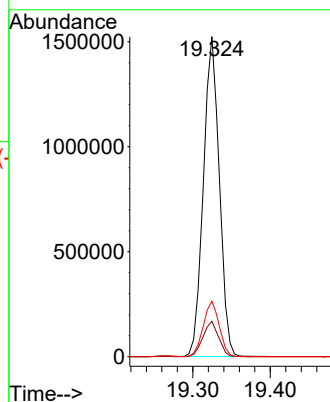
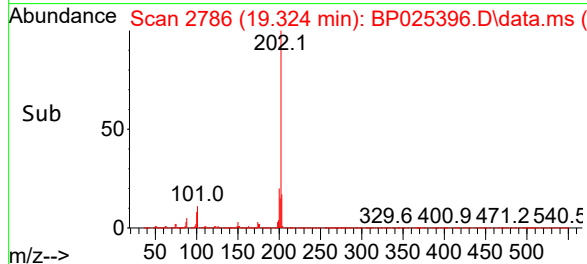
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:202 Resp: 2172758
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.1
203 17.3 0.0 37.3

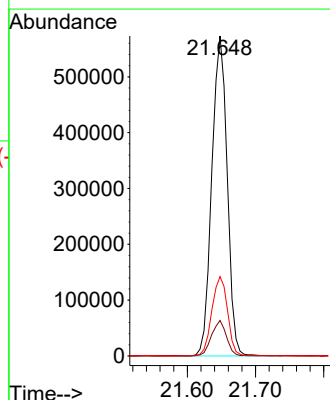
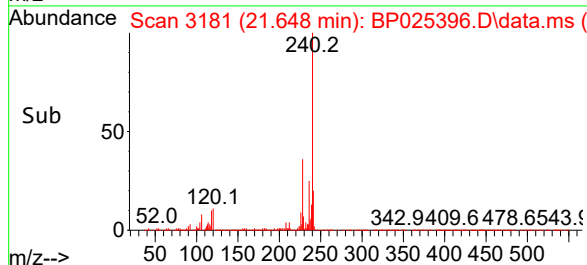
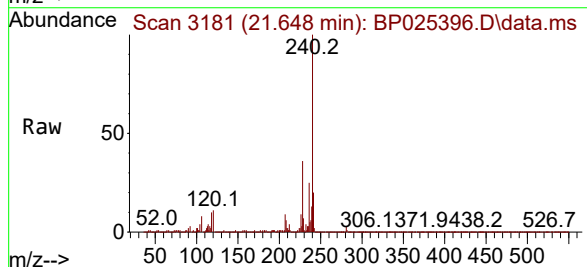
Manual Integrations
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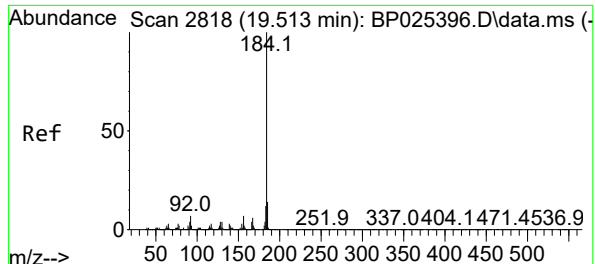
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.648 min Scan# 3181
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

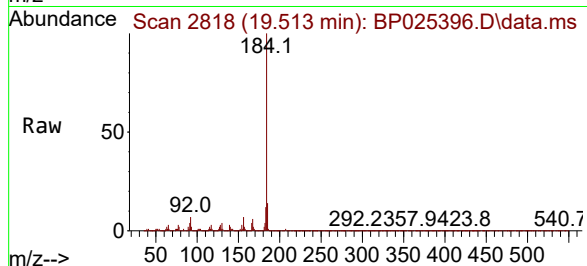
Tgt Ion:240 Resp: 899207
Ion Ratio Lower Upper
240 100
120 11.1 8.9 13.3
236 24.8 19.8 29.8





#77
Benzidine
Concen: 56.665 ng
RT: 19.513 min Scan# 2818
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

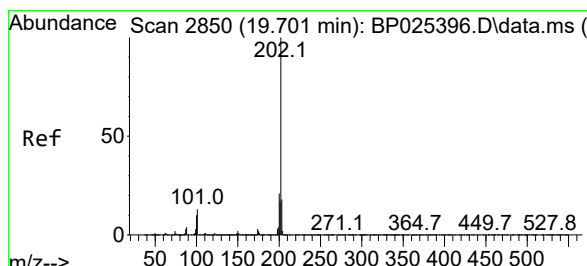
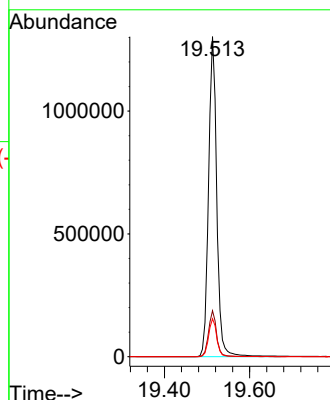
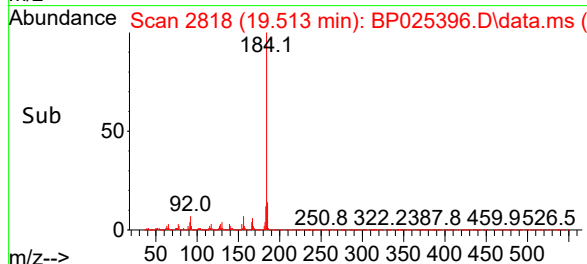
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:184 Resp: 1738920
Ion Ratio Lower Upper
184 100
185 14.4 11.5 17.3
183 11.8 9.4 14.2

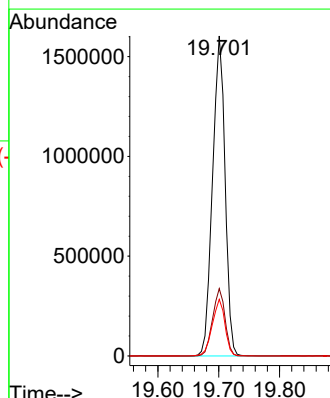
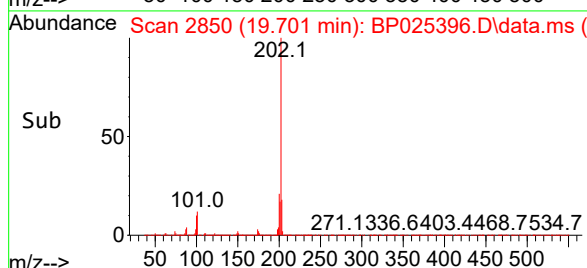
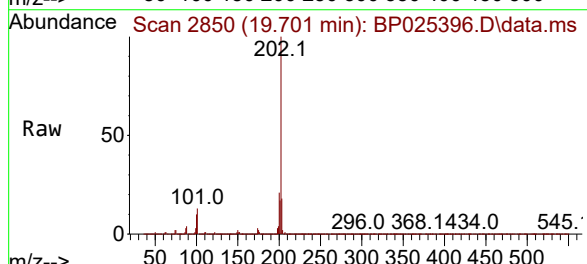
Manual Integrations
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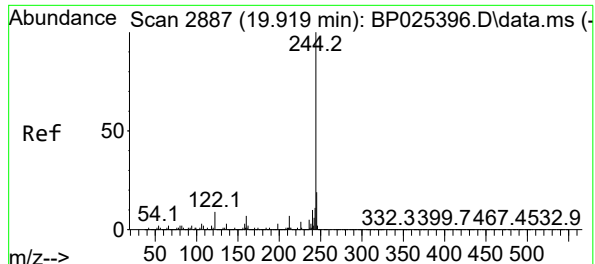
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#78
Pyrene
Concen: 39.189 ng
RT: 19.701 min Scan# 2850
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

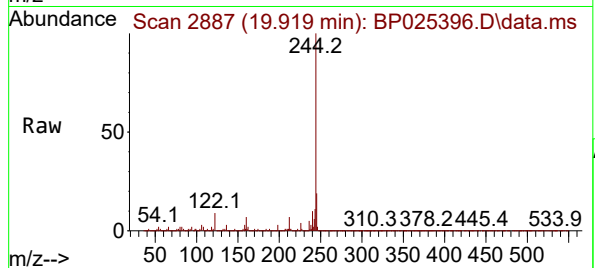
Tgt Ion:202 Resp: 2290461
Ion Ratio Lower Upper
202 100
200 21.1 16.9 25.3
203 17.7 14.2 21.2





#79
 Terphenyl-d14
 Concen: 76.508 ng
 RT: 19.919 min Scan# 2887
 Delta R.T. 0.000 min
 Lab File: BP025396.D
 Acq: 14 Aug 2025 15:19

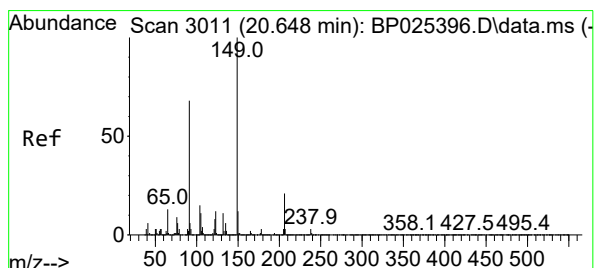
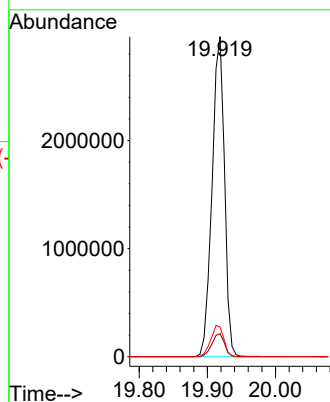
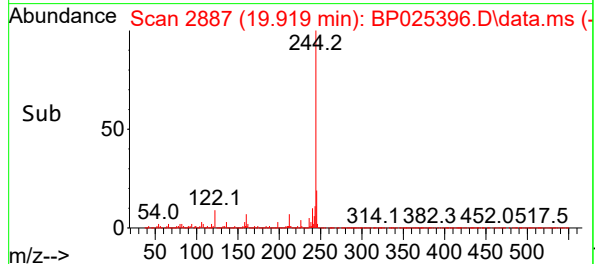
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC040



Tgt Ion:244 Resp: 3760230
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 9.3 7.4 11.2

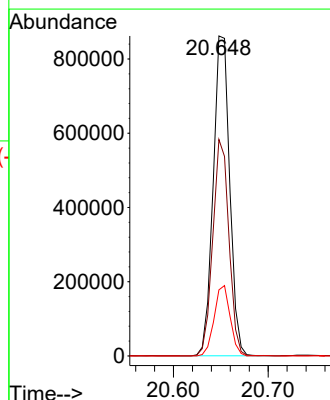
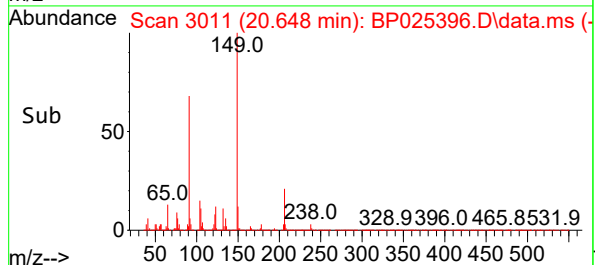
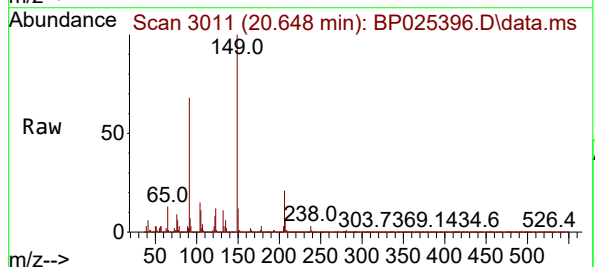
Manual Integrations
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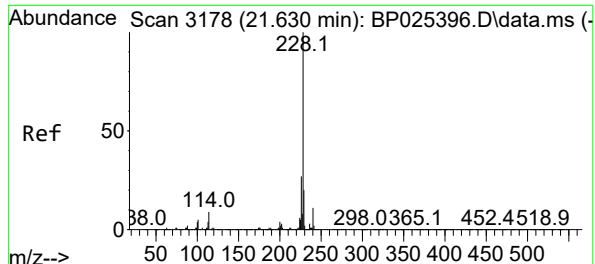
Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025



#80
 Butylbenzylphthalate
 Concen: 39.338 ng
 RT: 20.648 min Scan# 3011
 Delta R.T. 0.000 min
 Lab File: BP025396.D
 Acq: 14 Aug 2025 15:19

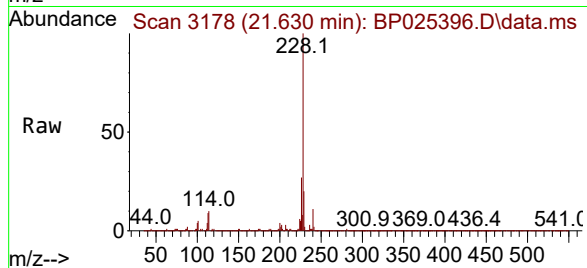
Tgt Ion:149 Resp: 1041998
 Ion Ratio Lower Upper
 149 100
 91 67.7 54.2 81.2
 206 20.7 16.6 24.8





#81
Benzo(a)anthracene
Concen: 38.460 ng
RT: 21.630 min Scan# 3178
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

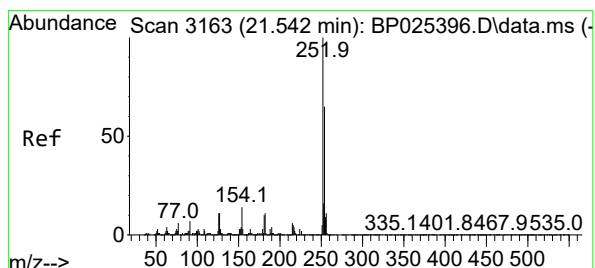
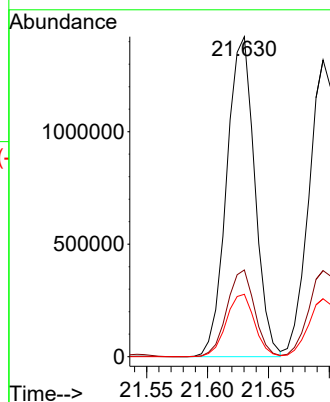
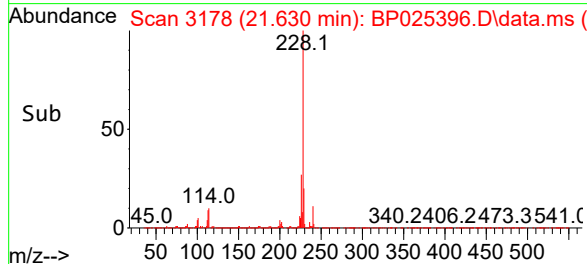
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



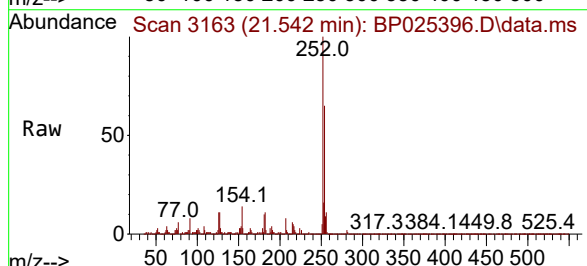
Tgt Ion:228 Resp: 2280774
Ion Ratio Lower Upper
228 100
226 27.1 21.7 32.5
229 19.5 15.6 23.4

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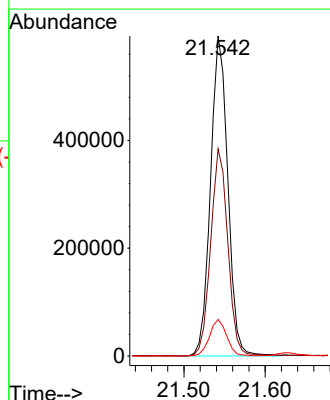
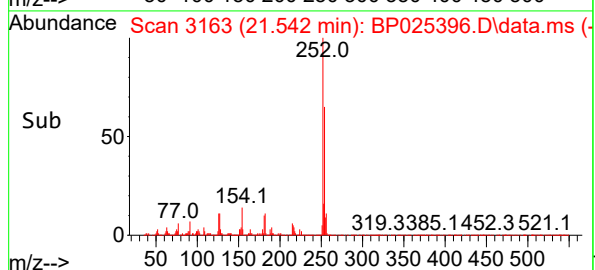
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

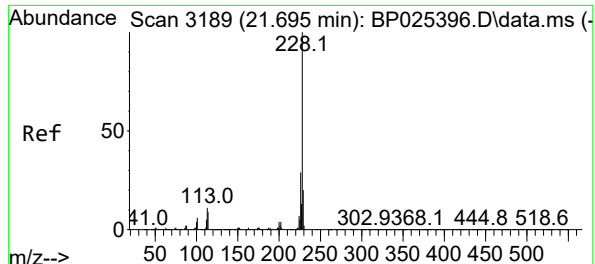


#82
3,3'-Dichlorobenzidine
Concen: 39.266 ng
RT: 21.542 min Scan# 3163
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19



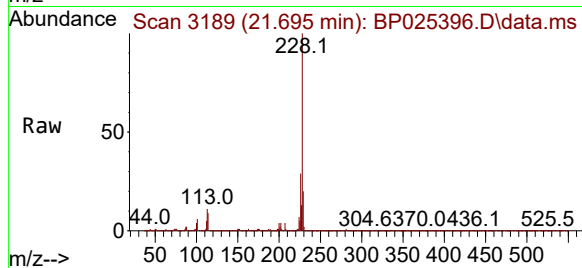
Tgt Ion:252 Resp: 877708
Ion Ratio Lower Upper
252 100
254 64.7 51.8 77.6
126 11.4 9.1 13.7





#83
Chrysene
Concen: 38.278 ng
RT: 21.695 min Scan# 3189
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

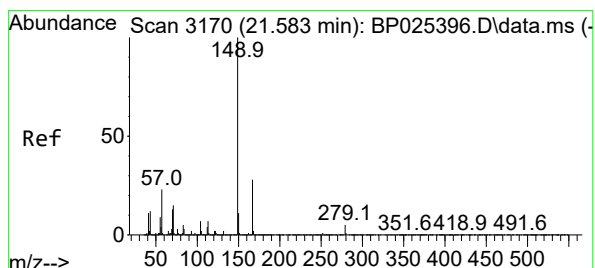
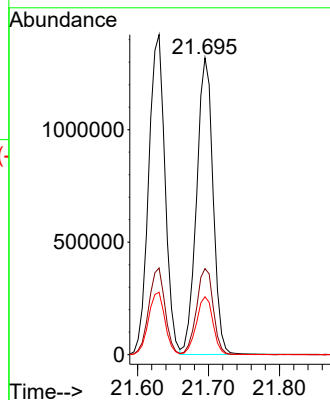
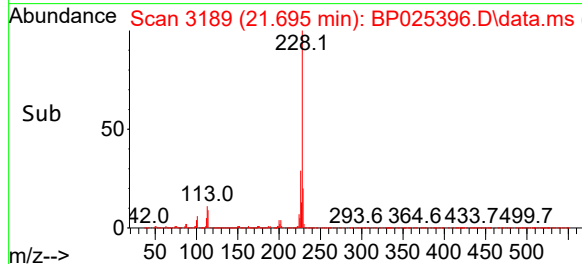
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:228 Resp: 2125860
Ion Ratio Lower Upper
228 100
226 29.0 23.2 34.8
229 19.5 15.6 23.4

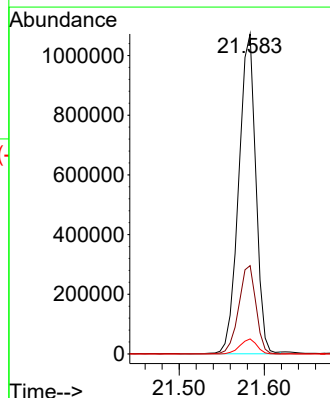
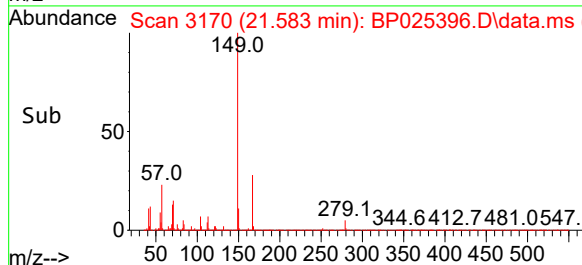
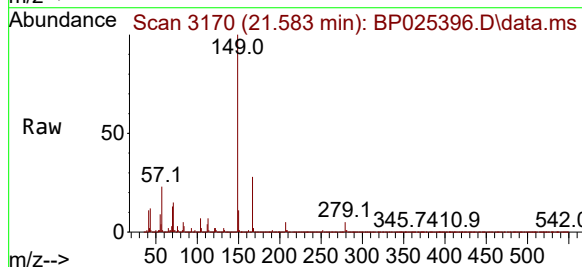
Manual Integrations
APPROVED

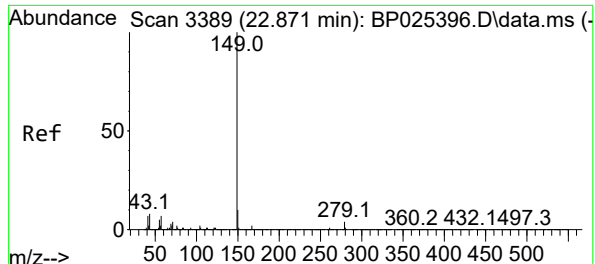
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 38.310 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

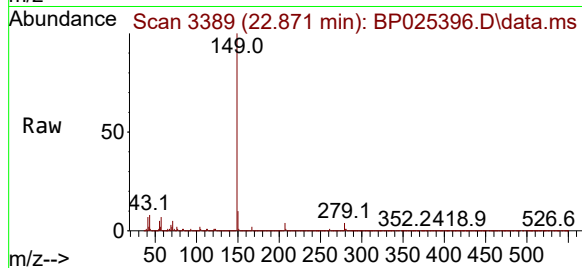
Tgt Ion:149 Resp: 1493804
Ion Ratio Lower Upper
149 100
167 27.6 22.1 33.1
279 4.7 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 38.730 ng
RT: 22.871 min Scan# 3389
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

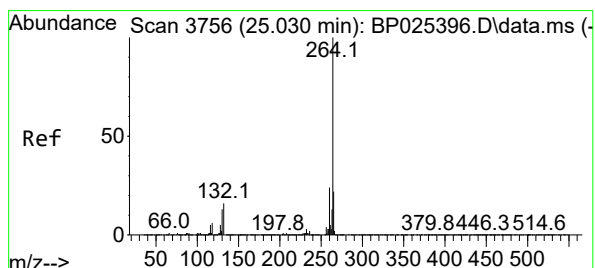
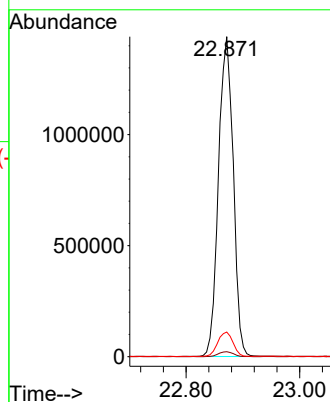
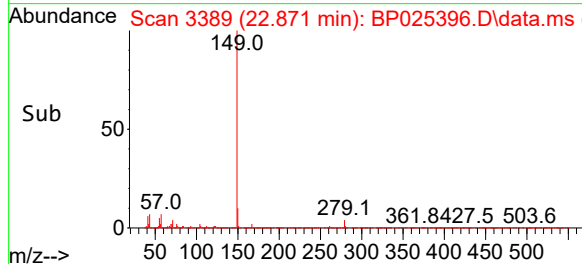
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:149 Resp: 2597558
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.9 6.3 9.5

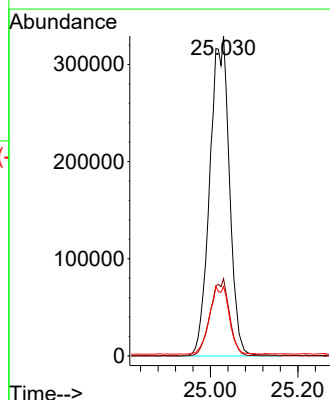
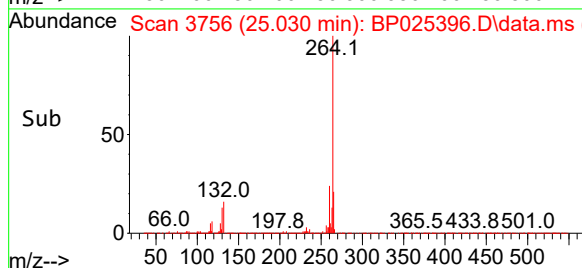
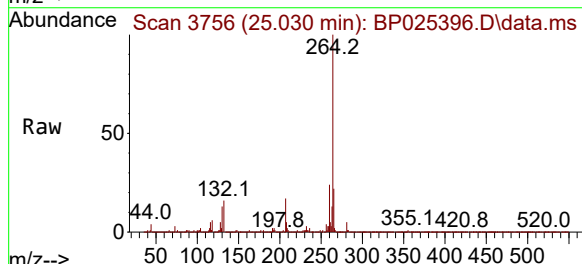
Manual Integrations
APPROVED

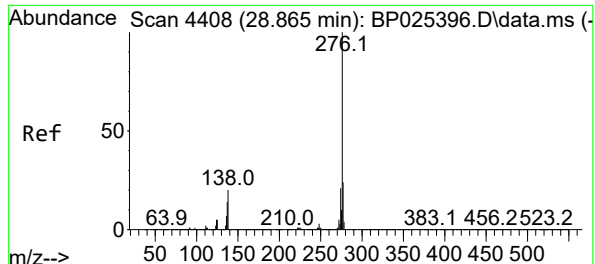
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.030 min Scan# 3756
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

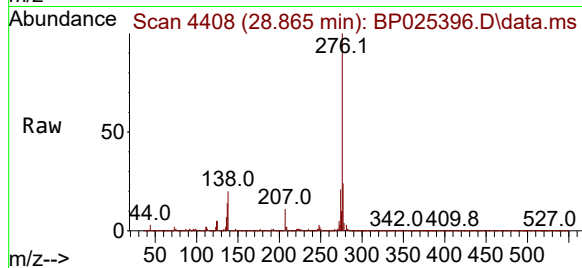
Tgt Ion:264 Resp: 1022138
Ion Ratio Lower Upper
264 100
260 24.1 19.3 28.9
265 21.7 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 38.470 ng m
RT: 28.865 min Scan# 4408
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

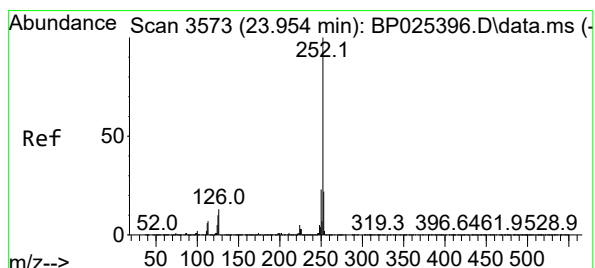
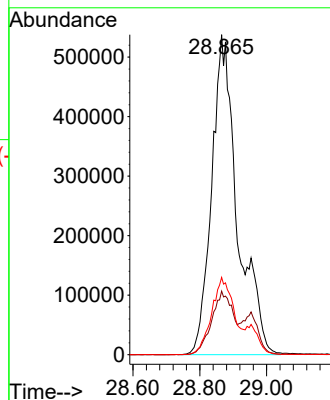
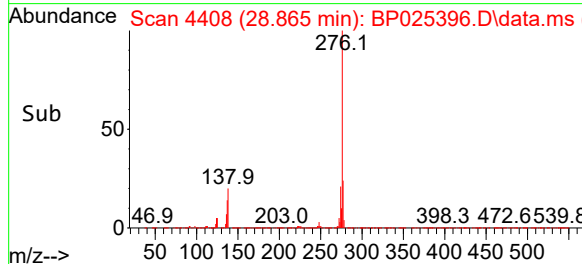
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion: 276 Resp: 288471
Ion Ratio Lower Upper
276 100
138 16.1 12.9 19.3
277 21.3 17.0 25.6

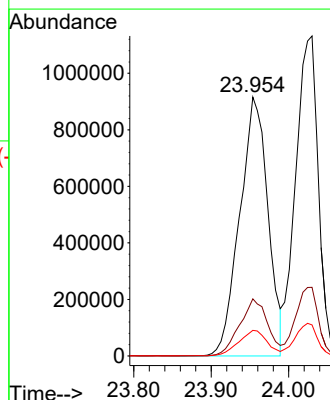
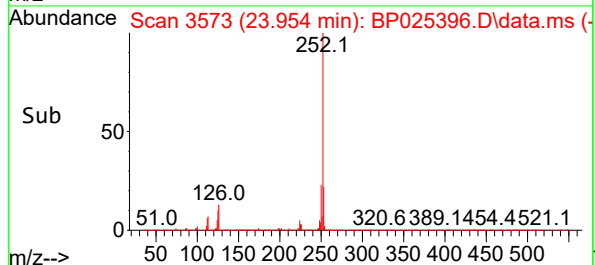
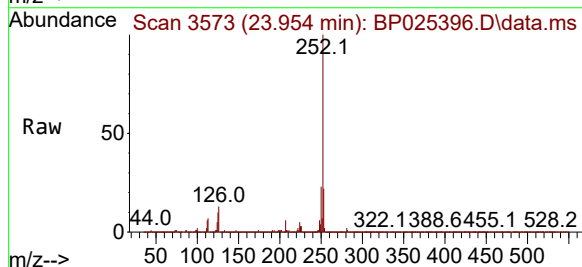
Manual Integrations
APPROVED

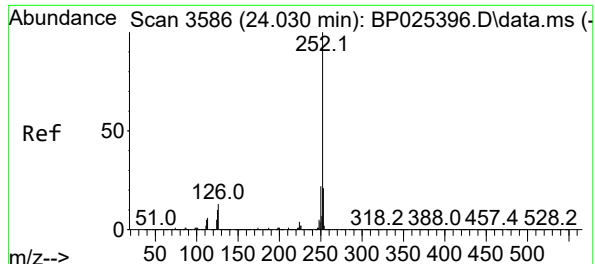
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#88
Benzo(b)fluoranthene
Concen: 38.462 ng
RT: 23.954 min Scan# 3573
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion: 252 Resp: 2318198
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 9.9 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 38.285 ng

RT: 24.030 min Scan# 3586

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:252 Resp: 230909

Ion Ratio Lower Upper

252 100

253 21.4 17.1 25.7

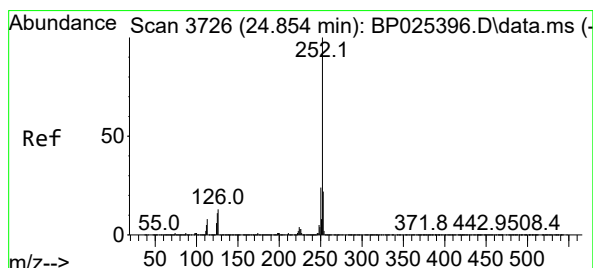
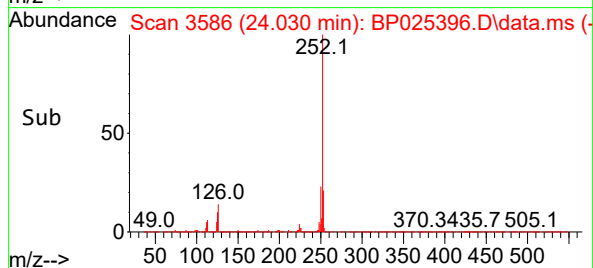
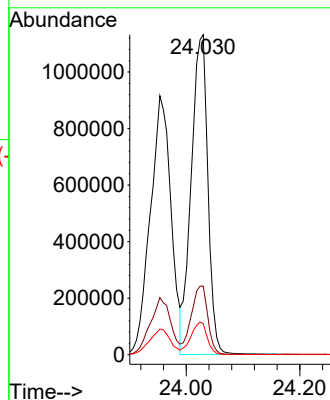
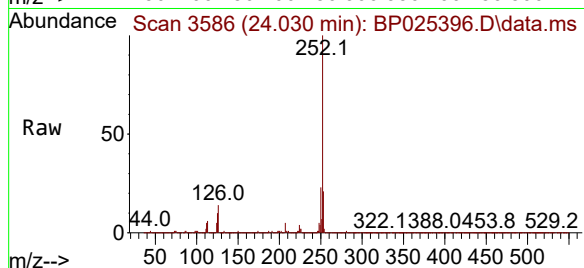
125 9.7 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#90

Benzo(a)pyrene

Concen: 38.620 ng

RT: 24.854 min Scan# 3726

Delta R.T. 0.000 min

Lab File: BP025396.D

Acq: 14 Aug 2025 15:19

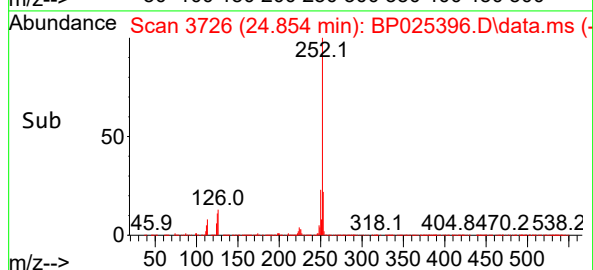
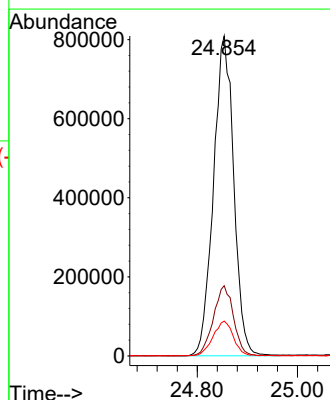
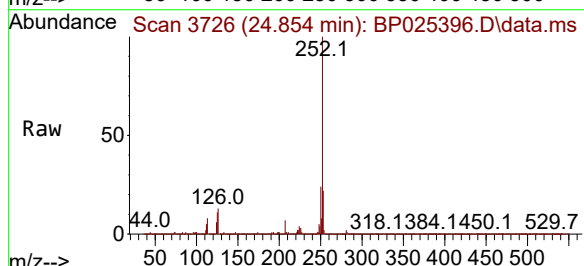
Tgt Ion:252 Resp: 2265862

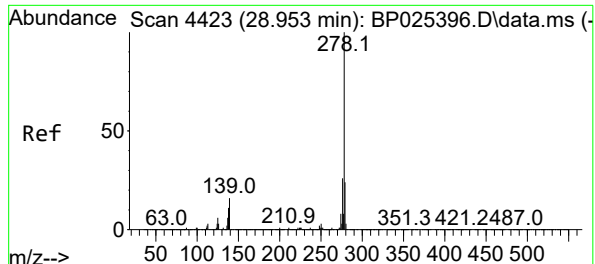
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

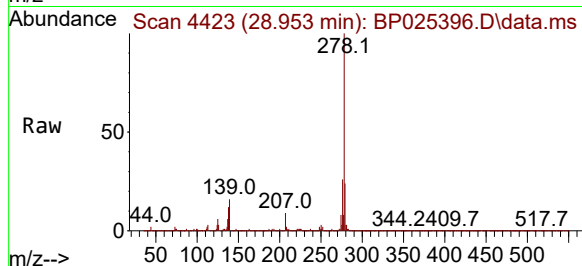
125 10.9 8.7 13.1





#91
Dibenzo(a,h)anthracene
Concen: 38.589 ng
RT: 28.953 min Scan# 4423
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

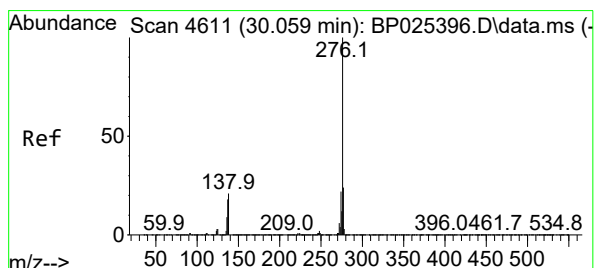
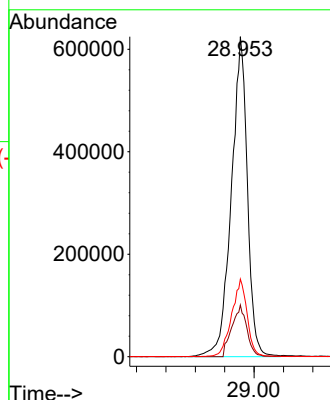
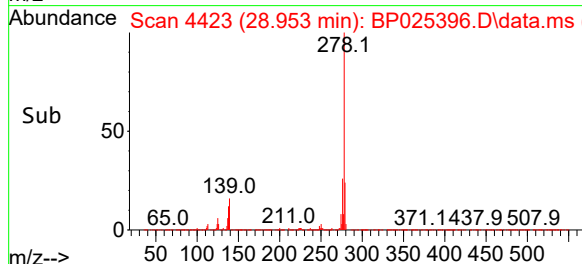
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion: 278 Resp: 2363840
Ion Ratio Lower Upper
278 100
139 16.2 13.0 19.4
279 24.3 19.4 29.2

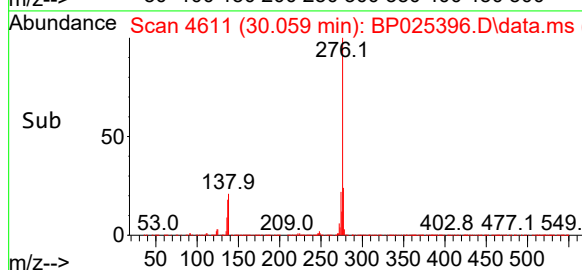
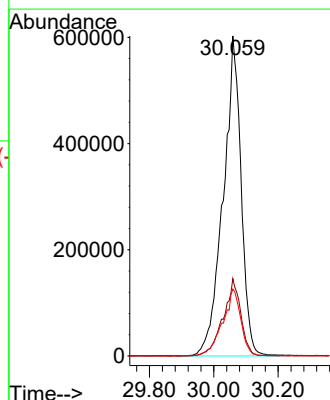
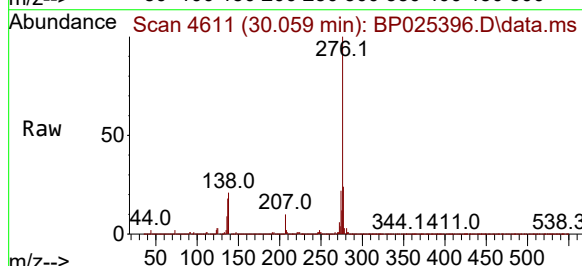
Manual Integrations
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Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#92
Benzo(g,h,i)perylene
Concen: 38.654 ng
RT: 30.059 min Scan# 4611
Delta R.T. 0.000 min
Lab File: BP025396.D
Acq: 14 Aug 2025 15:19

Tgt Ion: 276 Resp: 2327292
Ion Ratio Lower Upper
276 100
277 24.2 19.4 29.0
138 20.9 16.7 25.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025397.D
 Acq On : 14 Aug 2025 16:01
 Operator : CG/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 17:57:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 17:44:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	137945	20.000	ng	0.00
21) Naphthalene-d8	10.560	136	573916	20.000	ng	0.00
39) Acenaphthene-d10	14.407	164	376731	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	753705	20.000	ng	0.00
76) Chrysene-d12	21.648	240	801742	20.000	ng	0.00
86) Perylene-d12	25.036	264	918939	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	855256	102.963	ng	0.00
7) Phenol-d6	6.966	99	1131869	106.283	ng	0.00
23) Nitrobenzene-d5	8.937	82	1201601	105.910	ng	0.00
42) 2,4,6-Tribromophenol	15.913	330	539295	106.352	ng	0.00
45) 2-Fluorobiphenyl	13.019	172	2856639	103.632	ng	0.00
79) Terphenyl-d14	19.925	244	4409094	100.615	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.331	88	165184	50.769	ng	98
3) Pyridine	3.725	79	454022	50.983	ng	97
4) n-Nitrosodimethylamine	3.631	42	192837	52.524	ng	99
6) Aniline	7.125	93	756782	52.743	ng	100
8) 2-Chlorophenol	7.366	128	492570	52.550	ng	99
9) Benzaldehyde	6.943	77	435174	58.325	ng	97
10) Phenol	6.996	94	588764	52.687	ng	99
11) bis(2-Chloroethyl)ether	7.219	93	455697	52.320	ng	99
12) 1,3-Dichlorobenzene	7.684	146	536261	51.884	ng	99
13) 1,4-Dichlorobenzene	7.825	146	550541	52.113	ng	99
14) 1,2-Dichlorobenzene	8.143	146	528750	51.705	ng	99
15) Benzyl Alcohol	8.025	79	443889	52.458	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.319	45	603716	51.742	ng	99
17) 2-Methylphenol	8.225	107	412974	53.211	ng	98
18) Hexachloroethane	8.866	117	202672	52.178	ng	96
19) n-Nitroso-di-n-propyla...	8.590	70	363151	51.419	ng	98
20) 3+4-Methylphenols	8.549	107	565208	52.538	ng	99
22) Acetophenone	8.602	105	750308	52.131	ng	100
24) Nitrobenzene	8.978	77	537647	53.024	ng	98
25) Isophorone	9.502	82	1047736	52.182	ng	99
26) 2-Nitrophenol	9.678	139	282682	54.323	ng	98
27) 2,4-Dimethylphenol	9.737	122	481502	53.806	ng	97
28) bis(2-Chloroethoxy)met...	9.972	93	630027	51.909	ng	99
29) 2,4-Dichlorophenol	10.213	162	475406	53.478	ng	99
30) 1,2,4-Trichlorobenzene	10.431	180	507724	52.101	ng	99
31) Naphthalene	10.607	128	1560240	52.305	ng	100
32) Benzoic acid	9.884	122	357706	54.274	ng	96
33) 4-Chloroaniline	10.713	127	705562	53.548	ng	99
34) Hexachlorobutadiene	10.902	225	312163	51.436	ng	98
35) Caprolactam	11.502	113	172663	52.969	ng	94
36) 4-Chloro-3-methylphenol	11.843	107	534583	52.407	ng	100
37) 2-Methylnaphthalene	12.219	142	1003813	51.710	ng	99
38) 1-Methylnaphthalene	12.443	142	1076949	52.167	ng	99
40) 1,2,4,5-Tetrachloroben...	12.590	216	574152	52.769	ng	99
41) Hexachlorocyclopentadiene	12.572	237	364047	55.392	ng	98
43) 2,4,6-Trichlorophenol	12.831	196	396440	53.971	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025397.D
 Acq On : 14 Aug 2025 16:01
 Operator : CG/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 17:57:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 17:44:43 2025
 Response via : Initial Calibration

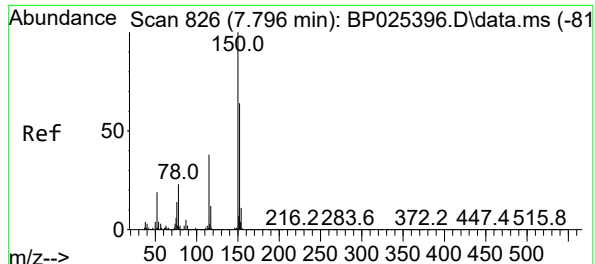
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.896	196	430061	53.421	ng	99
46) 1,1'-Biphenyl	13.231	154	1447968	52.922	ng	99
47) 2-Chloronaphthalene	13.272	162	1114922	52.344	ng	99
48) 2-Nitroaniline	13.472	65	338939	54.613	ng	98
49) Acenaphthylene	14.125	152	1875998	53.227	ng	100
50) Dimethylphthalate	13.860	163	1424127	51.622	ng	100
51) 2,6-Dinitrotoluene	13.966	165	312149	53.683	ng	97
52) Acenaphthene	14.472	154	1087721	52.577	ng	98
53) 3-Nitroaniline	14.301	138	362030	55.339	ng	99
54) 2,4-Dinitrophenol	14.507	184	175453	56.503	ng	98
55) Dibenzofuran	14.813	168	1705630	52.147	ng	99
56) 4-Nitrophenol	14.619	139	296227	55.103	ng	98
57) 2,4-Dinitrotoluene	14.766	165	450923	54.354	ng	97
58) Fluorene	15.466	166	1332448	51.627	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.043	232	378743	53.281	ng	99
60) Diethylphthalate	15.243	149	1450033	51.728	ng	99
61) 4-Chlorophenyl-phenyle...	15.466	204	650101	50.647	ng	99
62) 4-Nitroaniline	15.478	138	364030	54.278	ng	99
63) Azobenzene	15.760	77	1262576	52.602	ng	99
65) 4,6-Dinitro-2-methylph...	15.542	198	262126	55.792	ng	98
66) n-Nitrosodiphenylamine	15.678	169	1195077	51.997	ng	100
67) 4-Bromophenyl-phenylether	16.372	248	433740	52.325	ng	99
68) Hexachlorobenzene	16.495	284	497906	51.816	ng	97
69) Atrazine	16.654	200	451704	52.479	ng	98
70) Pentachlorophenol	16.842	266	332839	54.872	ng	97
71) Phenanthrene	17.248	178	2139431	51.673	ng	100
72) Anthracene	17.337	178	2214911	52.385	ng	100
73) Carbazole	17.613	167	2093175	52.559	ng	99
74) Di-n-butylphthalate	18.213	149	2589522	52.849	ng	99
75) Fluoranthene	19.325	202	2563702	51.910	ng	99
77) Benzidine	19.513	184	1330198	48.615	ng	99
78) Pyrene	19.701	202	2644850	50.754	ng	100
80) Butylbenzylphthalate	20.660	149	1231376	52.139	ng	98
81) Benzo(a)anthracene	21.630	228	2723006	51.499	ng	100
82) 3,3'-Dichlorobenzidine	21.548	252	1043476	52.357	ng	99
83) Chrysene	21.701	228	2565856	51.817	ng	99
84) Bis(2-ethylhexyl)phtha...	21.577	149	1805478	51.933	ng	100
85) Di-n-octyl phthalate	22.877	149	3150824	52.690	ng	100
87) Indeno(1,2,3-cd)pyrene	28.859	276	3604179m	53.463	ng	
88) Benzo(b)fluoranthene	23.960	252	2870971	52.982	ng	100
89) Benzo(k)fluoranthene	24.042	252	2817276	51.956	ng	99
90) Benzo(a)pyrene	24.877	252	2800880	53.100	ng	99
91) Dibenzo(a,h)anthracene	28.965	278	2962622	53.795	ng	98
92) Benzo(g,h,i)perylene	30.053	276	2866689m	52.960	ng	

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

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

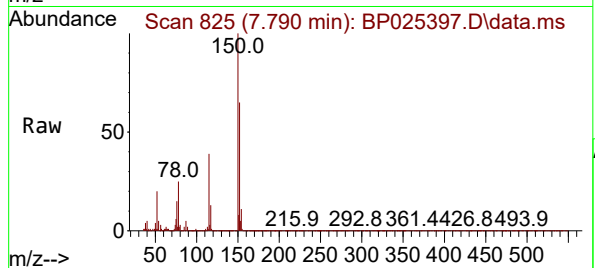
Manual Integrations APPROVED

[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

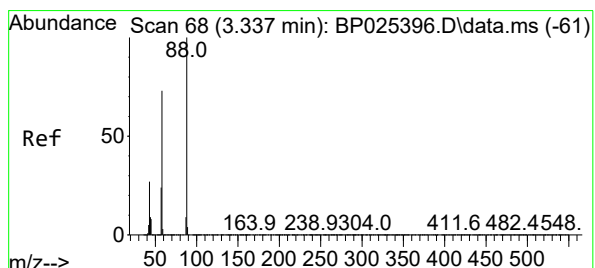
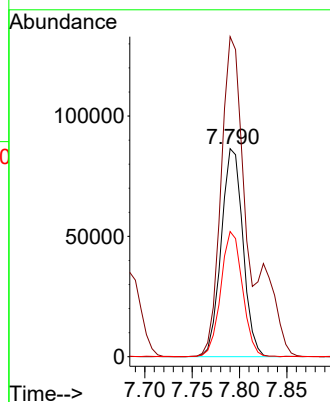
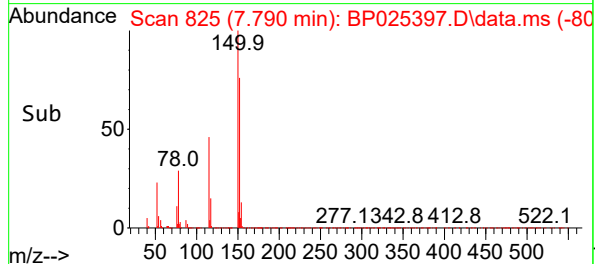
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion: 152 Resp: 13794
Ion Ratio Lower Upper
152 100
150 153.9 125.9 188.9
115 60.2 48.5 72.7

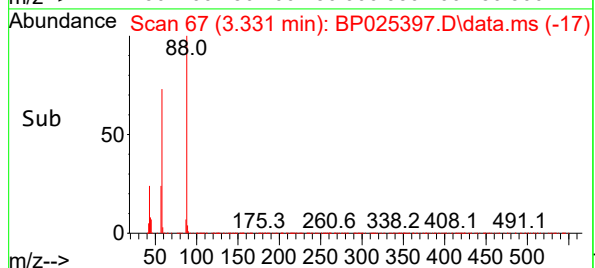
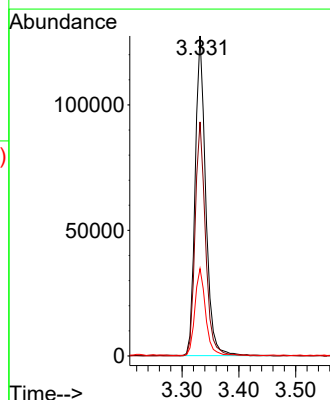
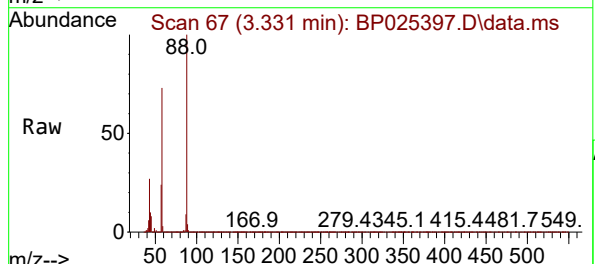
Manual Integrations
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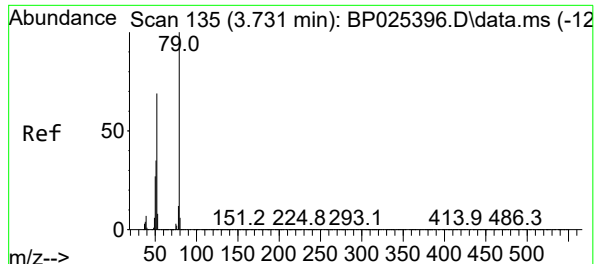
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#2
1,4-Dioxane
Concen: 50.769 ng
RT: 3.331 min Scan# 67
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

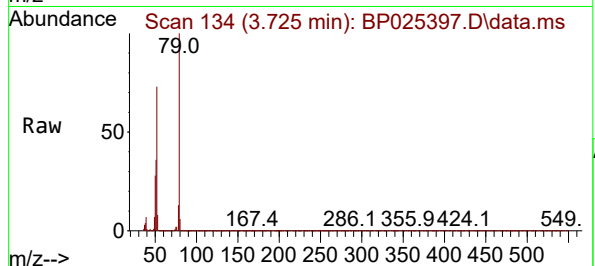
Tgt Ion: 88 Resp: 165184
Ion Ratio Lower Upper
88 100
58 72.6 59.2 88.8
43 27.8 21.7 32.5





#3
Pyridine
Concen: 50.983 ng
RT: 3.725 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

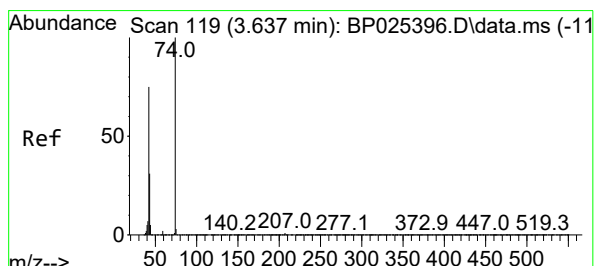
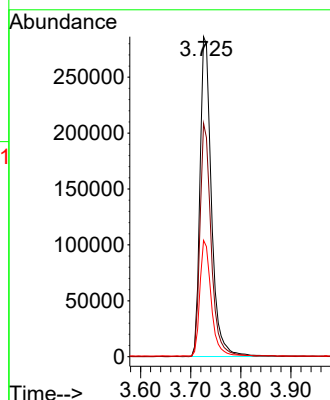
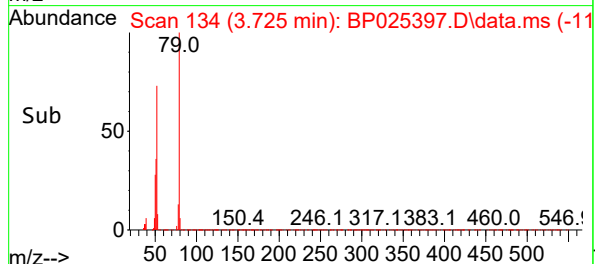
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion: 79 Resp: 45402
Ion Ratio Lower Upper
79 100
52 72.9 55.5 83.3
51 36.3 28.3 42.5

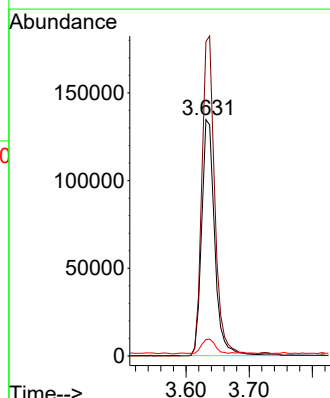
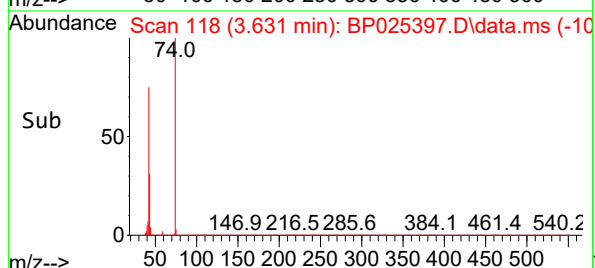
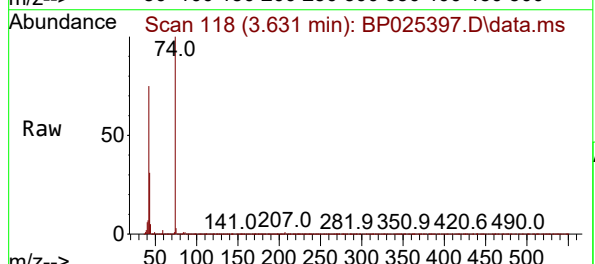
Manual Integrations
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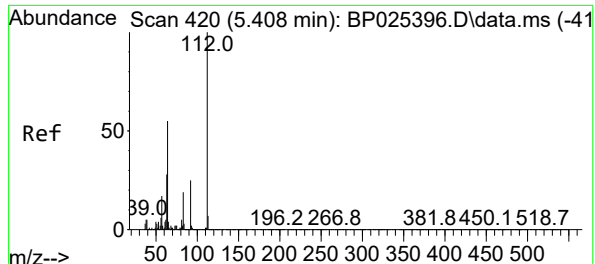
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#4
n-Nitrosodimethylamine
Concen: 52.524 ng
RT: 3.631 min Scan# 118
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

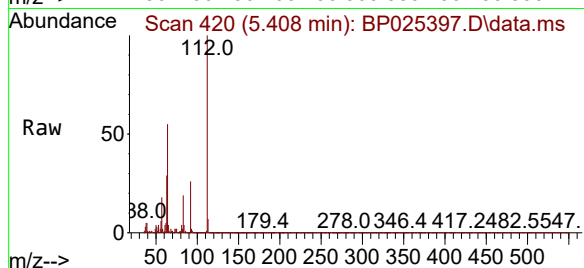
Tgt Ion: 42 Resp: 192837
Ion Ratio Lower Upper
42 100
74 133.0 107.0 160.4
44 6.9 6.2 9.4





#5
2-Fluorophenol
Concen: 102.963 ng
RT: 5.408 min Scan# 41
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

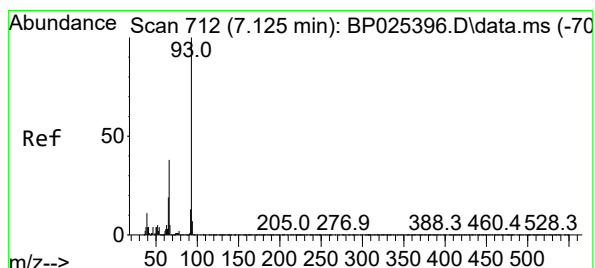
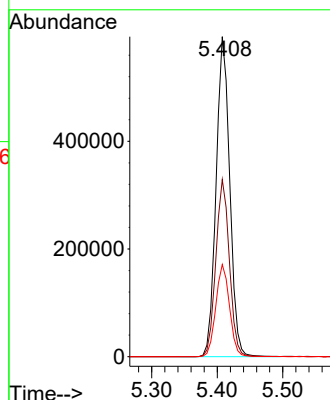
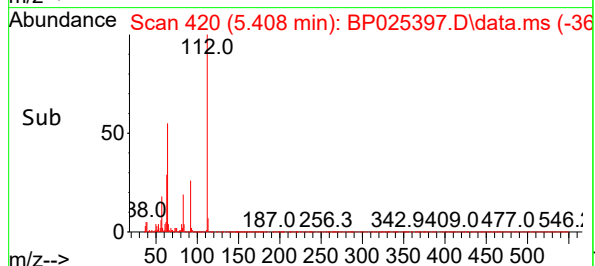
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion: 112 Resp: 855250
Ion Ratio Lower Upper
112 100
64 55.4 43.8 65.8
63 28.8 22.7 34.1

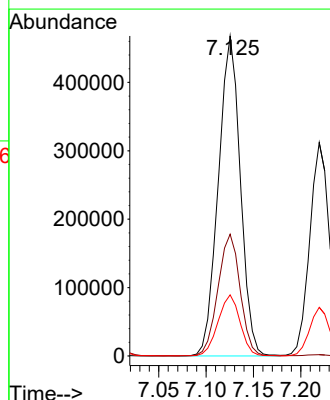
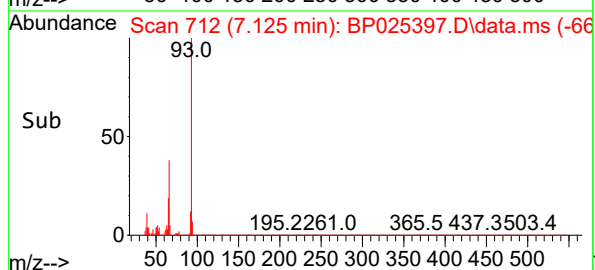
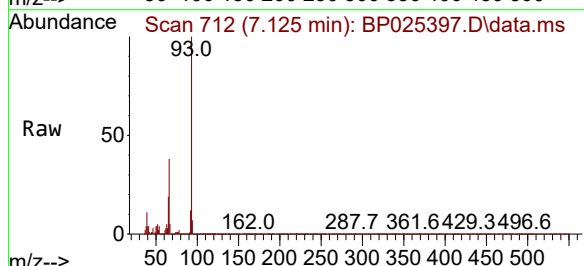
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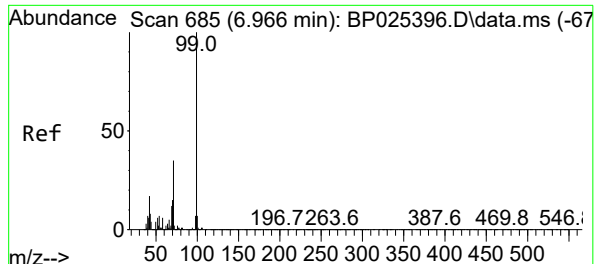
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#6
Aniline
Concen: 52.743 ng
RT: 7.125 min Scan# 712
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion: 93 Resp: 756782
Ion Ratio Lower Upper
93 100
66 38.0 30.4 45.6
65 19.1 15.3 22.9





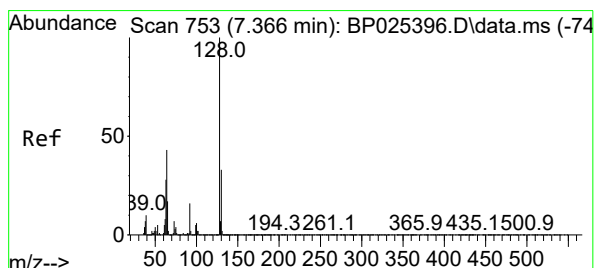
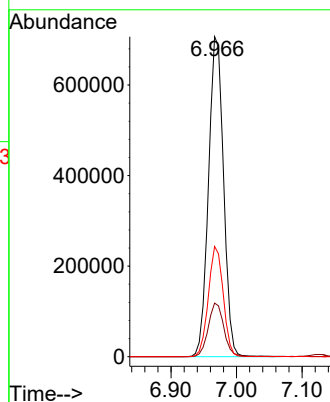
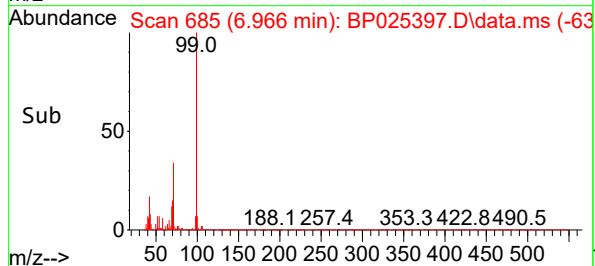
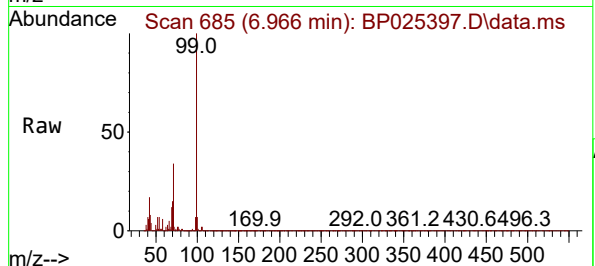
#7
Phenol-d6
Concen: 106.283 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 99 Resp: 1131869
Ion Ratio Lower Upper
99 100
42 16.7 13.7 20.5
71 34.4 28.2 42.4

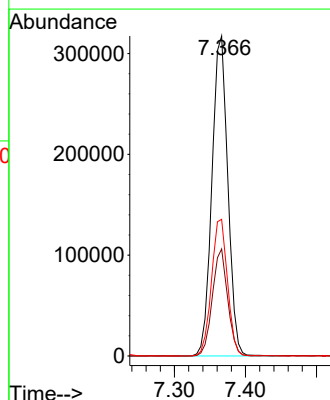
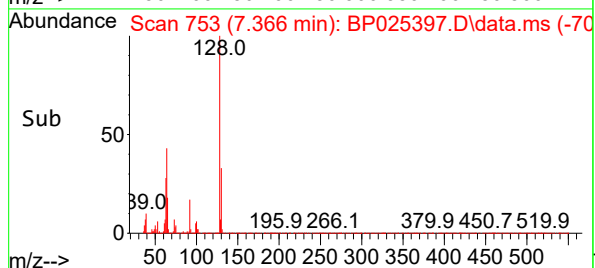
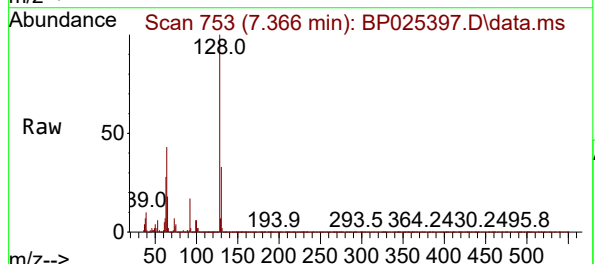
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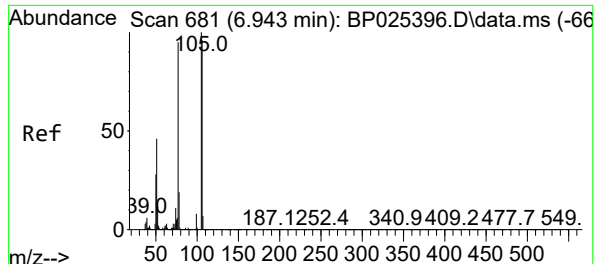
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#8
2-Chlorophenol
Concen: 52.550 ng
RT: 7.366 min Scan# 753
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

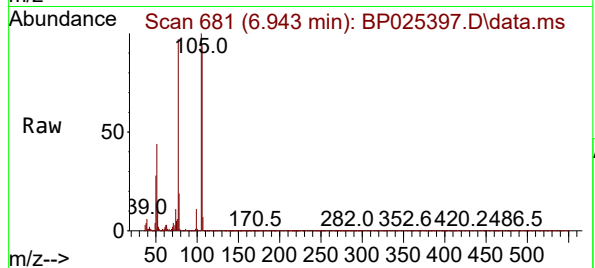
Tgt Ion:128 Resp: 492570
Ion Ratio Lower Upper
128 100
130 33.4 12.6 52.6
64 42.7 23.4 63.4





#9
Benzaldehyde
Concen: 58.325 ng
RT: 6.943 min Scan# 681
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

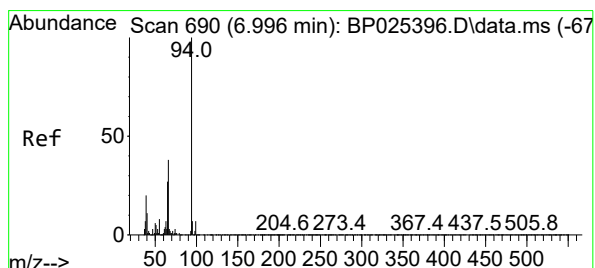
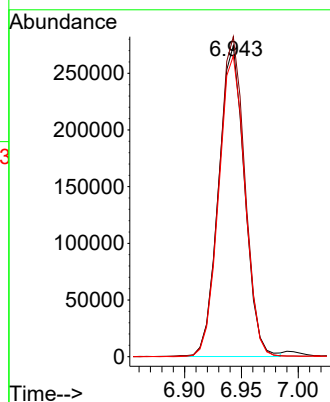
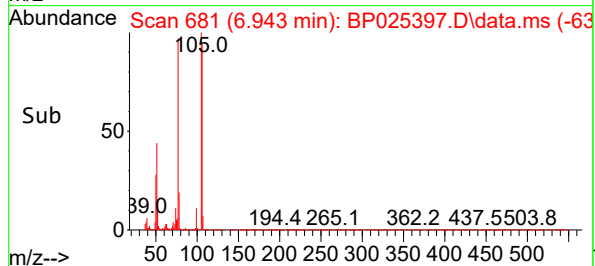
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion: 77 Resp: 435174
Ion Ratio Lower Upper
77 100
105 102.9 84.8 124.8
106 96.7 80.5 120.5

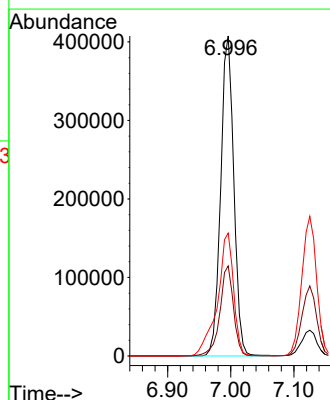
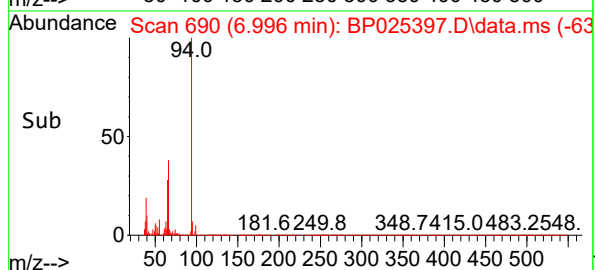
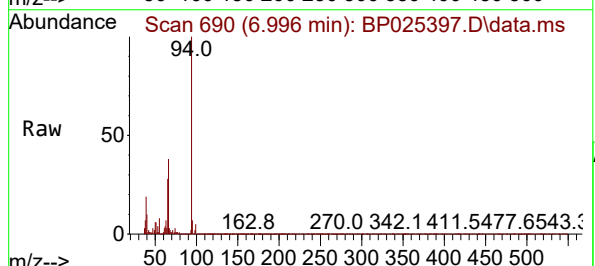
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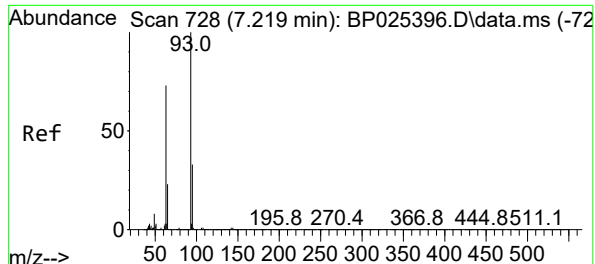
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#10
Phenol
Concen: 52.687 ng
RT: 6.996 min Scan# 690
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion: 94 Resp: 588764
Ion Ratio Lower Upper
94 100
65 28.1 6.8 46.8
66 38.4 18.2 58.2





#11

bis(2-Chloroethyl)ether

Concen: 52.320 ng

RT: 7.219 min Scan# 728

Delta R.T. 0.000 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion: 93 Resp: 45569

Ion Ratio Lower Upper

93 100

63 73.4 52.6 92.6

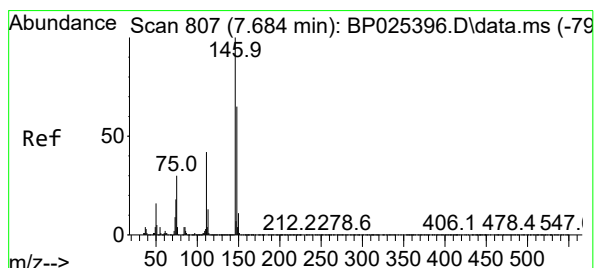
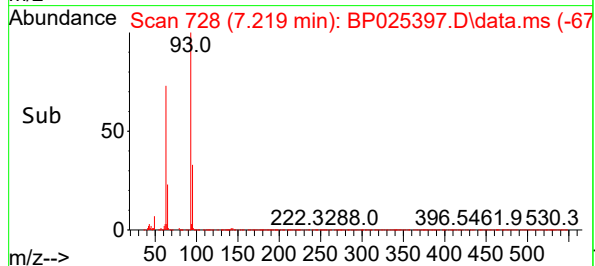
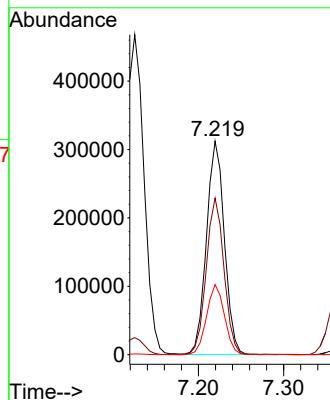
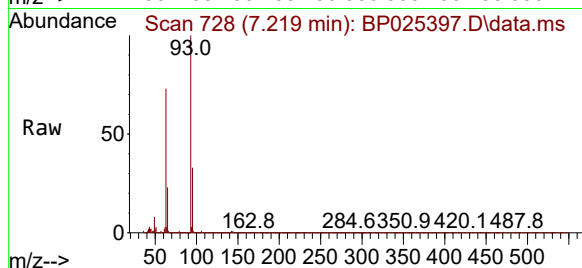
95 32.9 12.7 52.7

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Supervised By :Jagrut Upadhyay 08/15/2025



#12

1,3-Dichlorobenzene

Concen: 51.884 ng

RT: 7.684 min Scan# 807

Delta R.T. 0.000 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

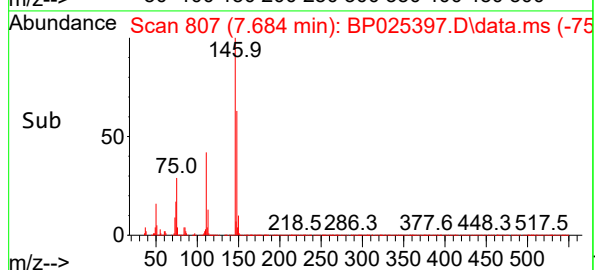
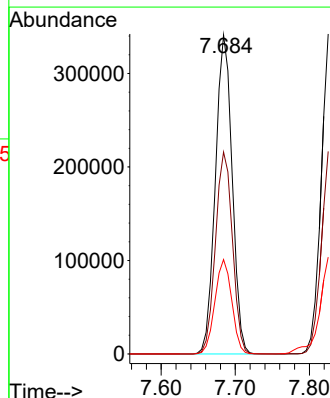
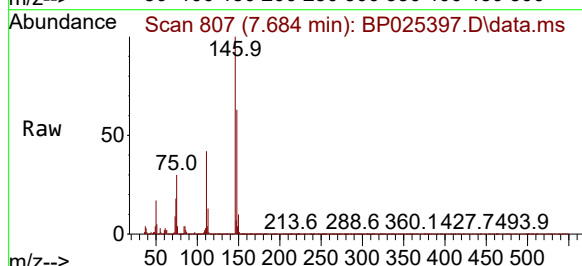
Tgt Ion:146 Resp: 536261

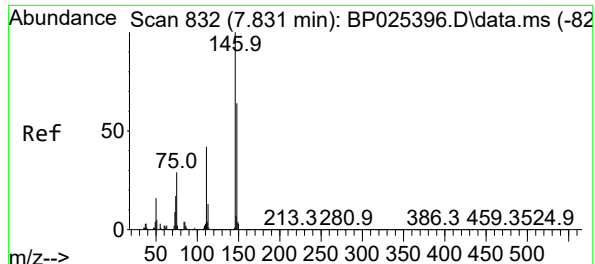
Ion Ratio Lower Upper

146 100

148 63.3 51.9 77.9

75 29.6 23.7 35.5





#13

1,4-Dichlorobenzene

Concen: 52.113 ng

RT: 7.825 min Scan# 831

Delta R.T. -0.006 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:146 Resp: 55054

Ion Ratio Lower Upper

146 100

148 63.3 51.6 77.4

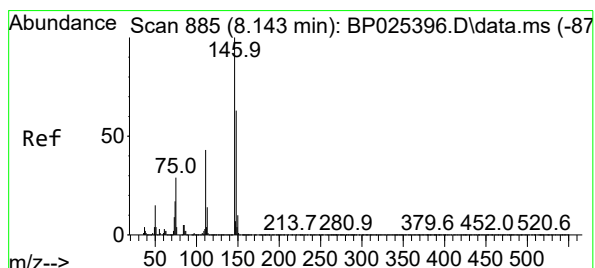
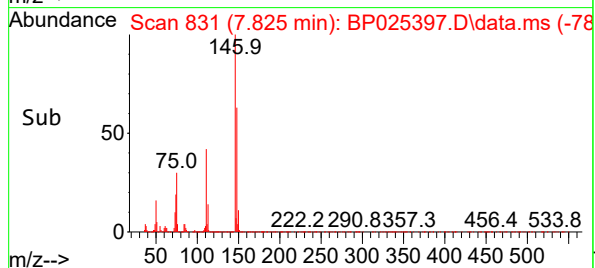
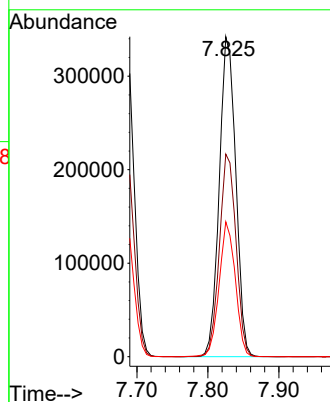
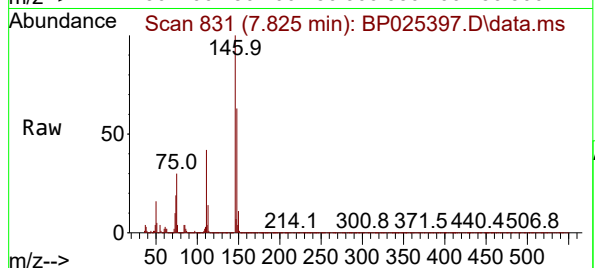
111 42.2 33.4 50.0

Manual Integrations

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#14

1,2-Dichlorobenzene

Concen: 51.705 ng

RT: 8.143 min Scan# 885

Delta R.T. 0.000 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

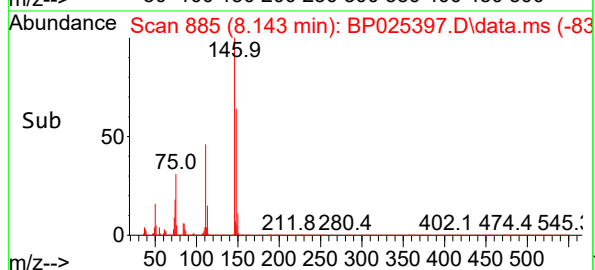
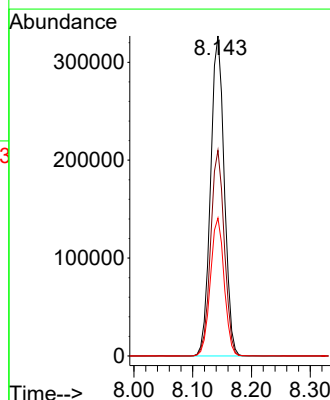
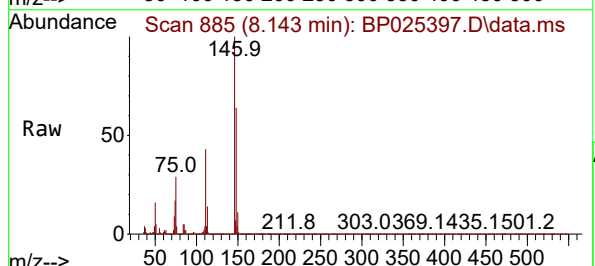
Tgt Ion:146 Resp: 528750

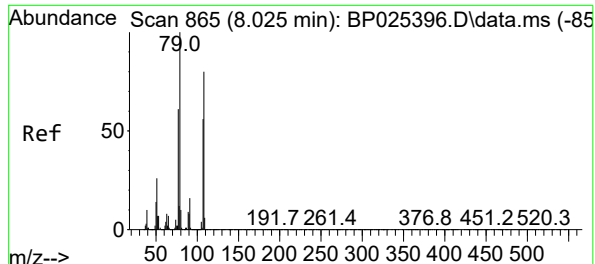
Ion Ratio Lower Upper

146 100

148 64.3 50.4 75.6

111 43.1 34.5 51.7





#15

Benzyl Alcohol

Concen: 52.458 ng

RT: 8.025 min Scan# 80

Delta R.T. 0.000 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion: 79 Resp: 443889

Ion Ratio Lower Upper

79 100

108 77.9 63.8 95.6

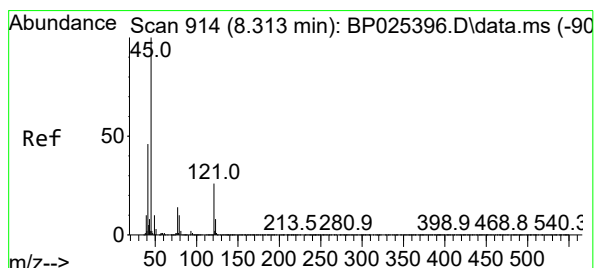
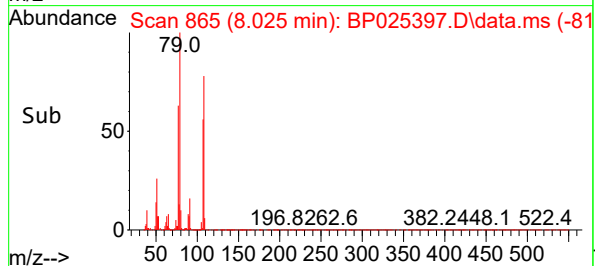
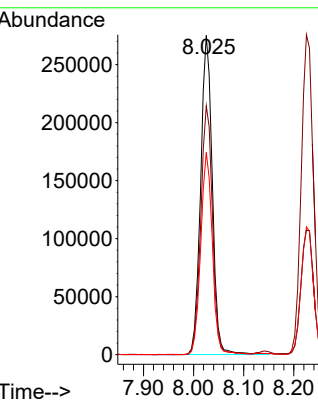
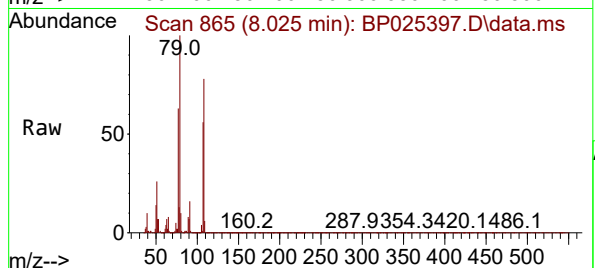
77 63.4 49.0 73.4

Manual Integrations

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Supervised By :Jagrut Upadhyay 08/15/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 51.742 ng

RT: 8.319 min Scan# 915

Delta R.T. 0.006 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

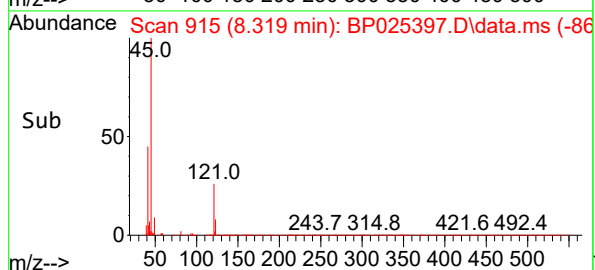
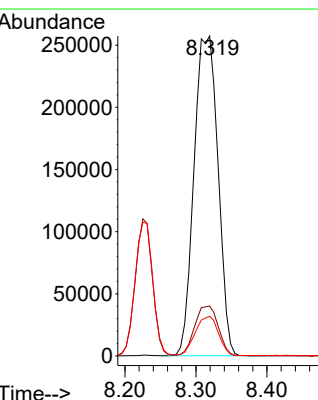
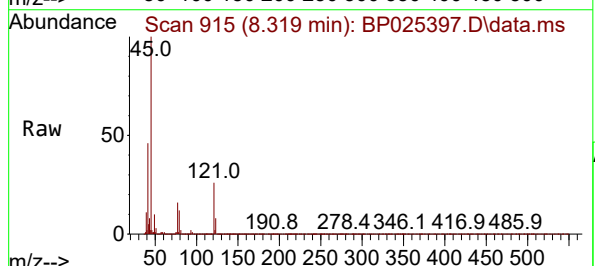
Tgt Ion: 45 Resp: 603716

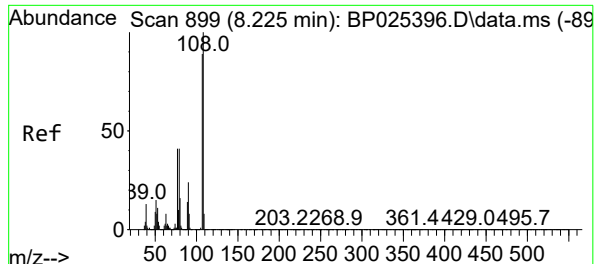
Ion Ratio Lower Upper

45 100

77 15.6 0.0 35.3

79 12.4 0.0 31.8





#17

2-Methylphenol

Concen: 53.211 ng

RT: 8.225 min Scan# 899

Delta R.T. 0.000 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:107 Resp: 412974

Ion Ratio Lower Upper

107 100

108 113.8 89.4 134.0

77 45.5 36.3 54.5

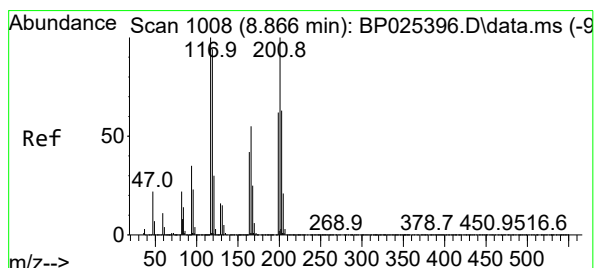
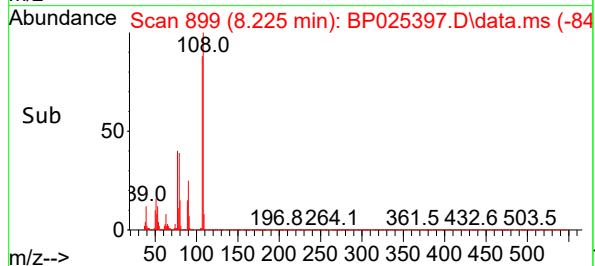
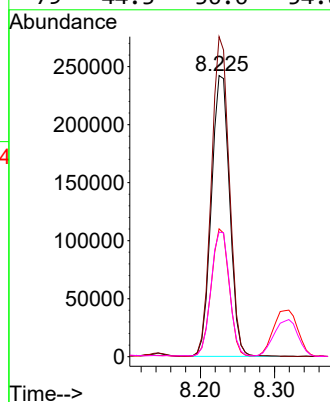
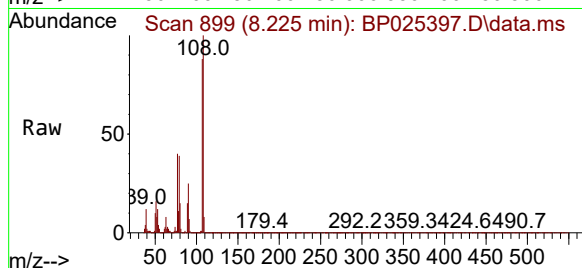
79 44.3 36.6 54.8

Manual Integrations

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Supervised By :Jagrut Upadhyay 08/15/2025



#18

Hexachloroethane

Concen: 52.178 ng

RT: 8.866 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

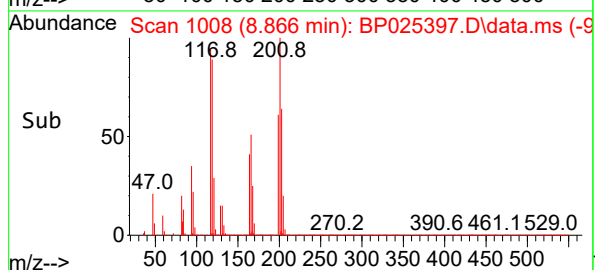
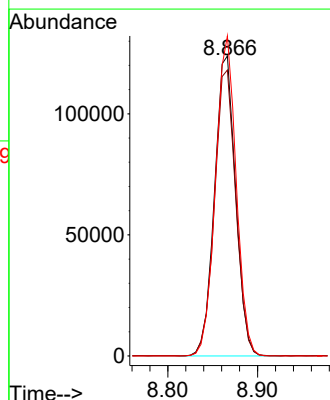
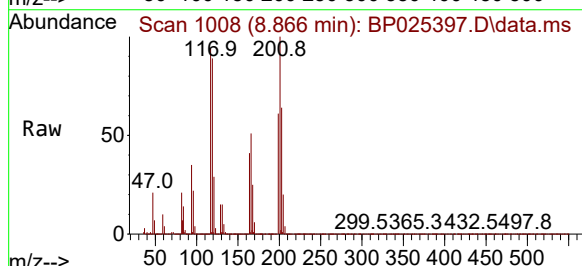
Tgt Ion:117 Resp: 202672

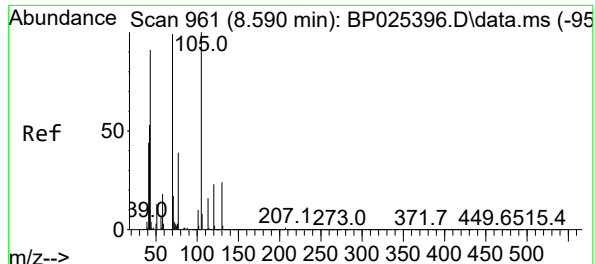
Ion Ratio Lower Upper

117 100

119 95.4 75.1 112.7

201 106.7 80.1 120.1





#19

n-Nitroso-di-n-propylamine

Concen: 51.419 ng

RT: 8.590 min Scan# 961

Delta R.T. 0.000 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion: 70 Resp: 36315

Ion Ratio Lower Upper

70 100

42 56.4 43.8 65.6

101 10.6 8.5 12.7

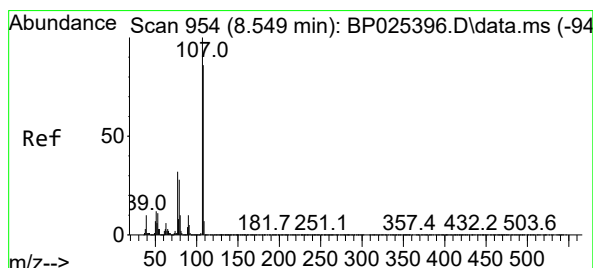
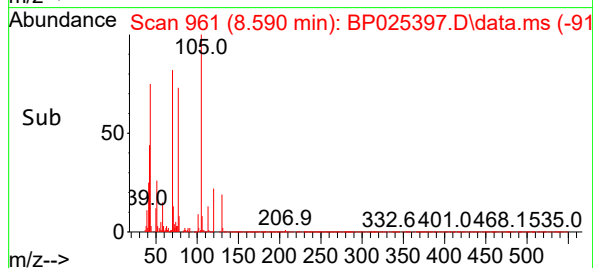
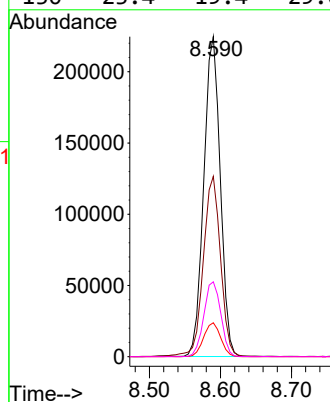
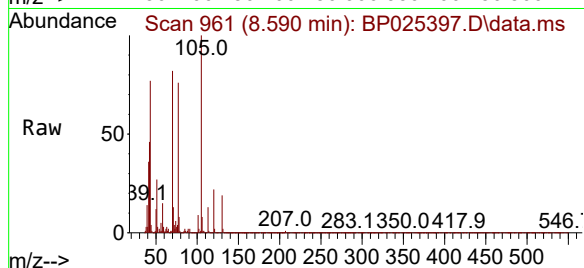
130 23.4 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#20

3+4-Methylphenols

Concen: 52.538 ng

RT: 8.549 min Scan# 954

Delta R.T. 0.000 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

Tgt Ion:107 Resp: 565208

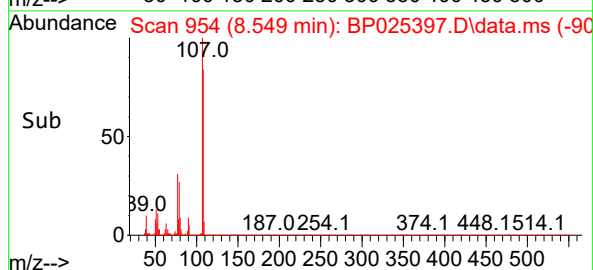
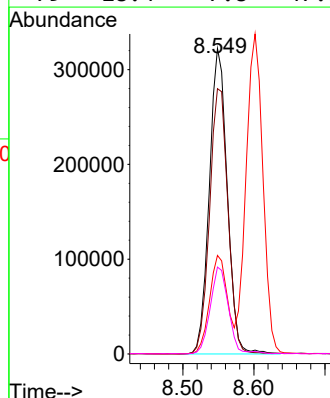
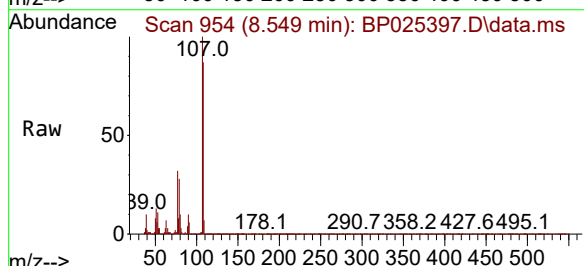
Ion Ratio Lower Upper

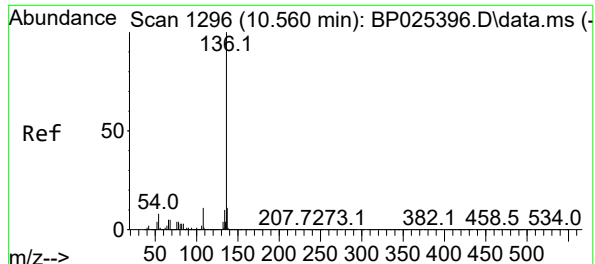
107 100

108 86.8 66.3 106.3

77 32.2 12.3 52.3

79 28.4 7.8 47.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.560 min Scan# 1296

Delta R.T. 0.000 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:136 Resp: 573910

Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 7.9 6.0 9.0

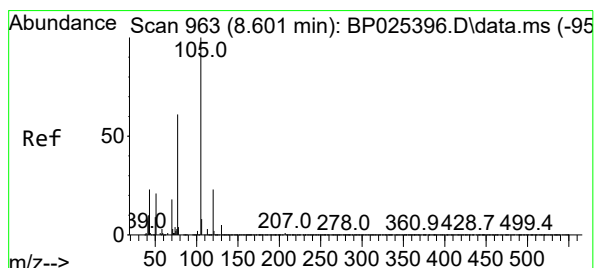
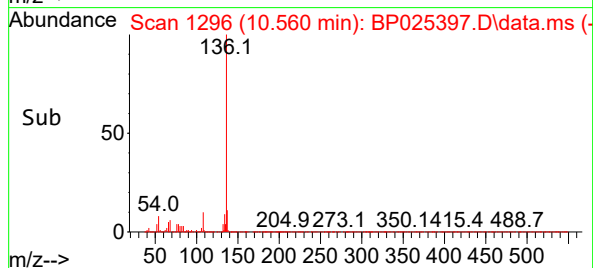
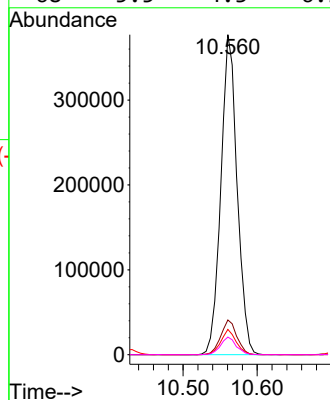
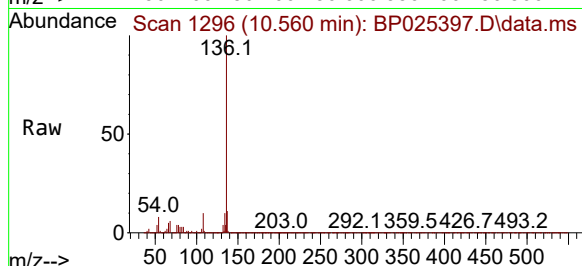
68 5.5 4.3 6.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#22

Acetophenone

Concen: 52.131 ng

RT: 8.602 min Scan# 963

Delta R.T. 0.000 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

Tgt Ion:105 Resp: 750308

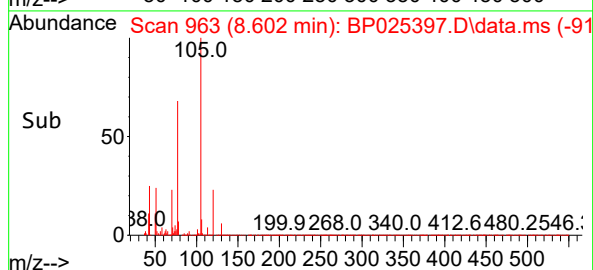
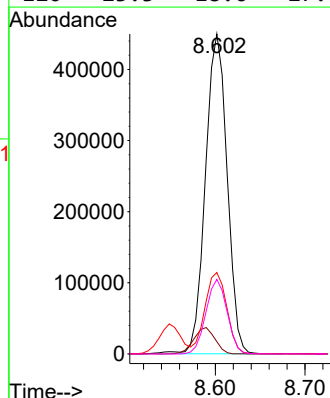
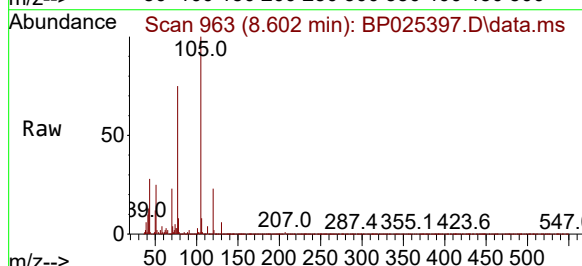
Ion Ratio Lower Upper

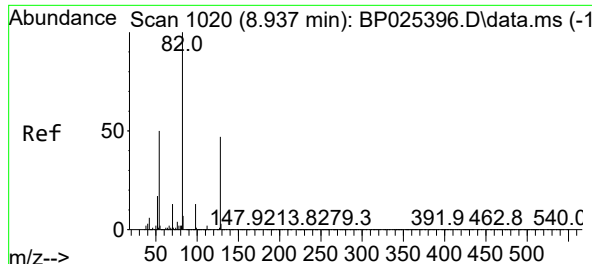
105 100

71 3.9 2.6 4.0

51 25.5 20.6 30.8

120 23.3 18.6 27.8





#23

Nitrobenzene-d5

Concen: 105.910 ng

RT: 8.937 min Scan# 1020

Delta R.T. 0.000 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion: 82 Resp: 120160

Ion Ratio Lower Upper

82 100

128 46.2 37.7 56.5

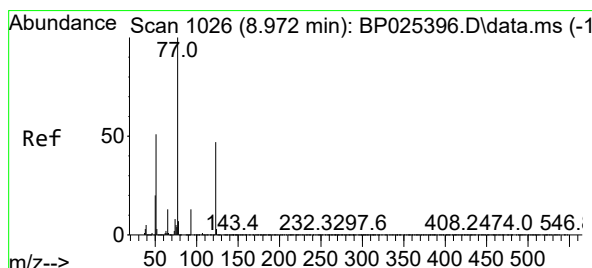
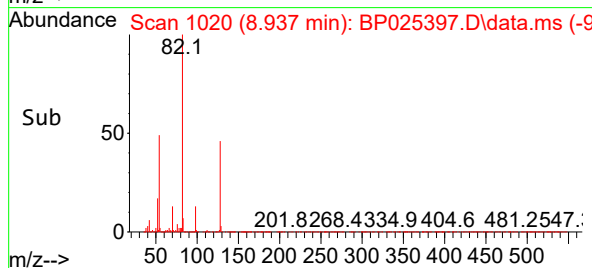
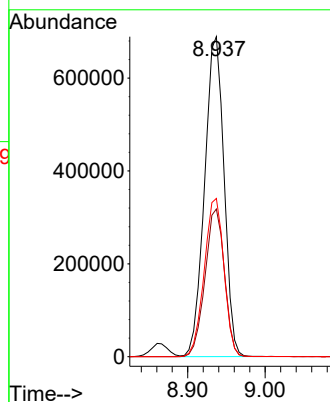
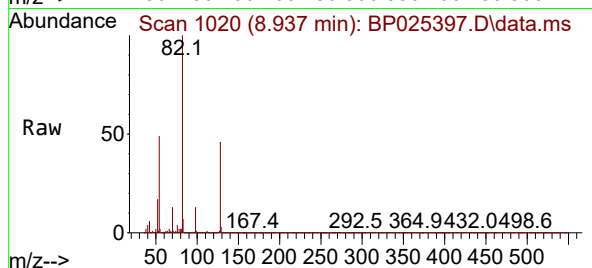
54 49.4 39.8 59.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#24

Nitrobenzene

Concen: 53.024 ng

RT: 8.978 min Scan# 1027

Delta R.T. 0.006 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

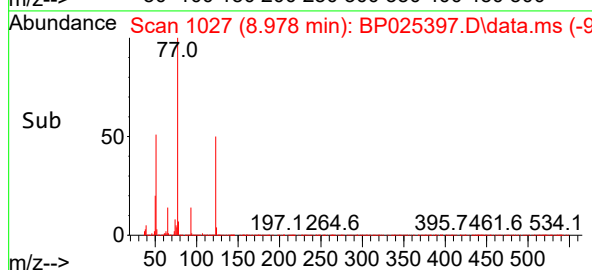
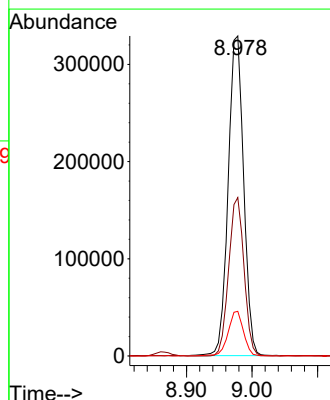
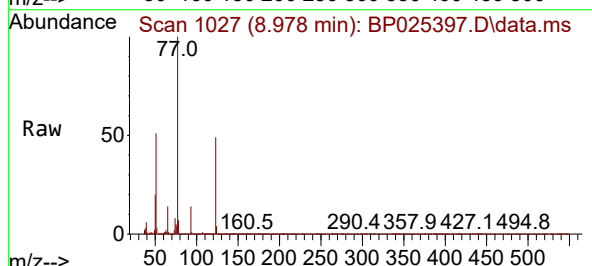
Tgt Ion: 77 Resp: 537647

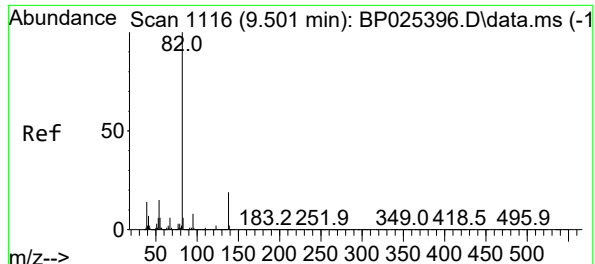
Ion Ratio Lower Upper

77 100

123 49.5 38.6 58.0

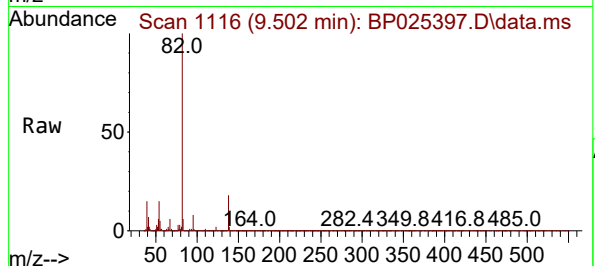
65 13.9 10.6 15.8





#25
Isophorone
Concen: 52.182 ng
RT: 9.502 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

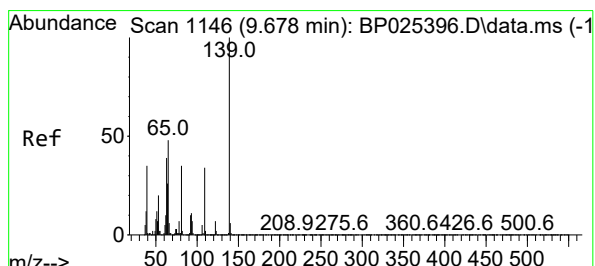
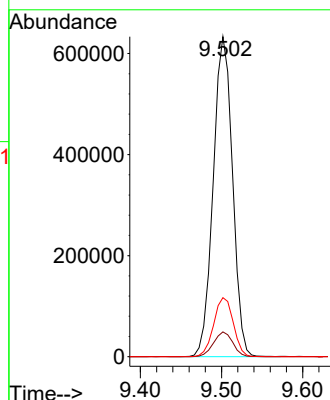
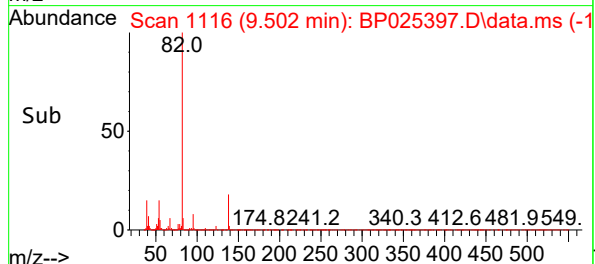
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion: 82 Resp: 1047730
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 18.5 15.4 23.0

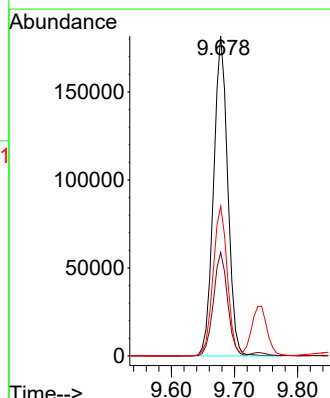
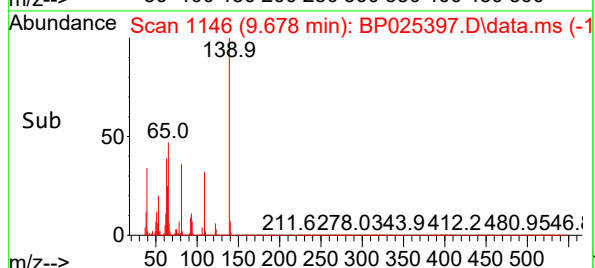
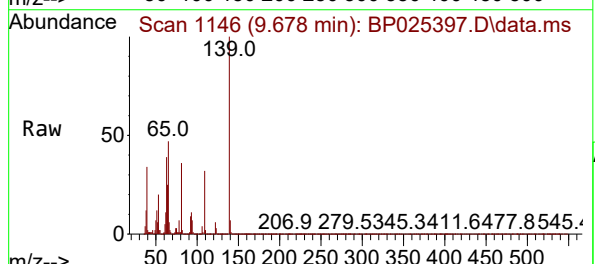
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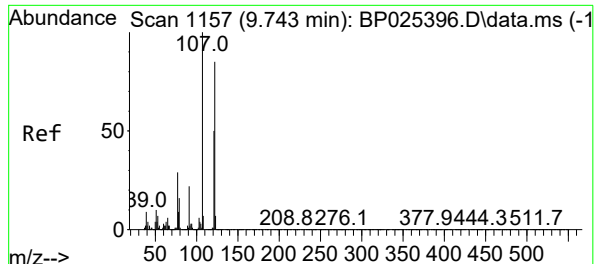
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#26
2-Nitrophenol
Concen: 54.323 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

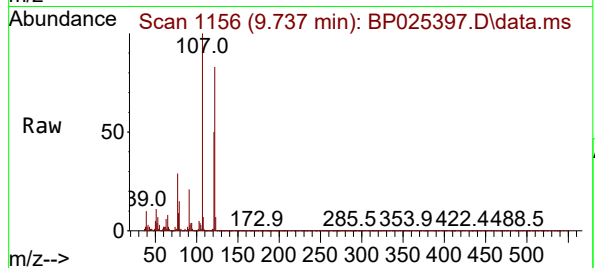
Tgt Ion:139 Resp: 282682
Ion Ratio Lower Upper
139 100
109 32.3 26.9 40.3
65 46.8 38.3 57.5





#27
2,4-Dimethylphenol
Concen: 53.806 ng
RT: 9.737 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

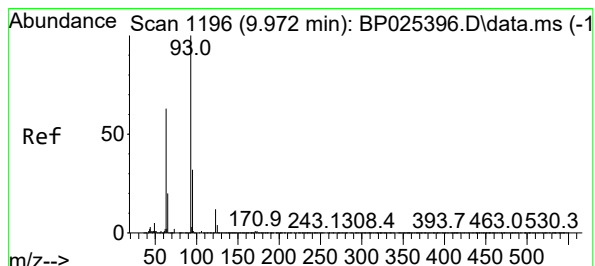
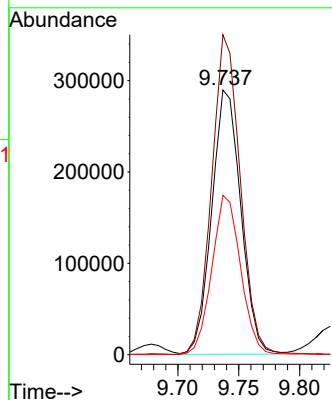
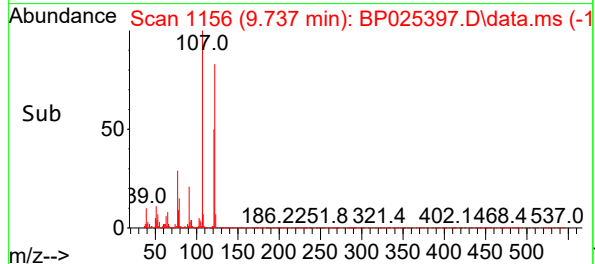
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:122 Resp: 481502
Ion Ratio Lower Upper
122 100
107 120.8 93.7 140.5
121 60.2 46.6 69.8

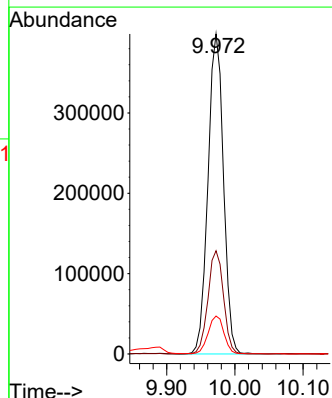
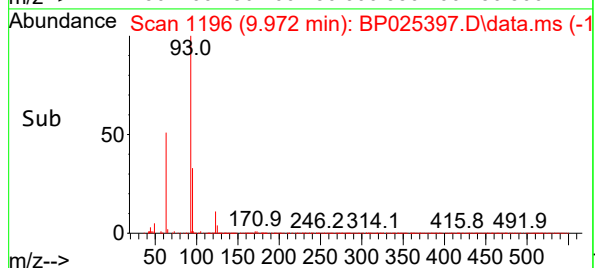
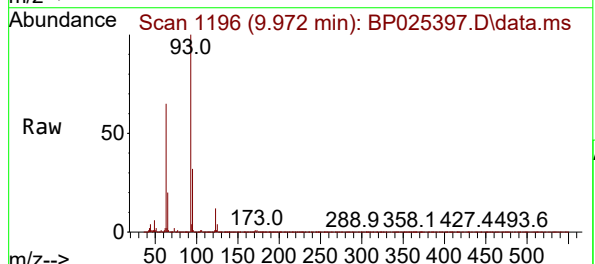
Manual Integrations
APPROVED

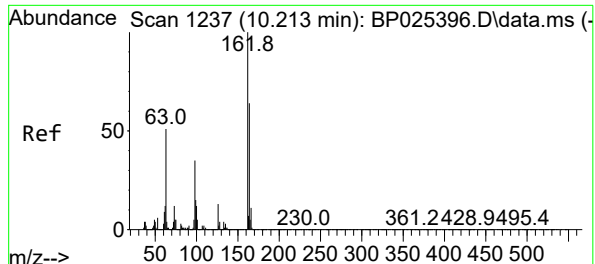
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#28
bis(2-Chloroethoxy)methane
Concen: 51.909 ng
RT: 9.972 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion: 93 Resp: 630027
Ion Ratio Lower Upper
93 100
95 32.2 25.4 38.0
123 11.8 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 53.478 ng

RT: 10.213 min Scan# 1237

Delta R.T. 0.000 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:162 Resp: 475400

Ion Ratio Lower Upper

162 100

164 64.1 44.4 84.4

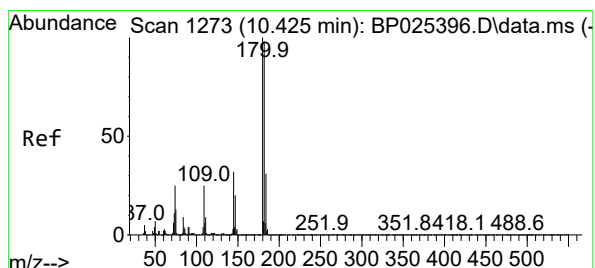
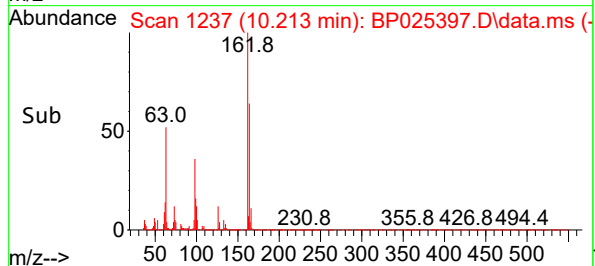
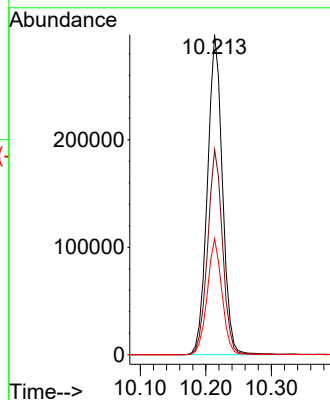
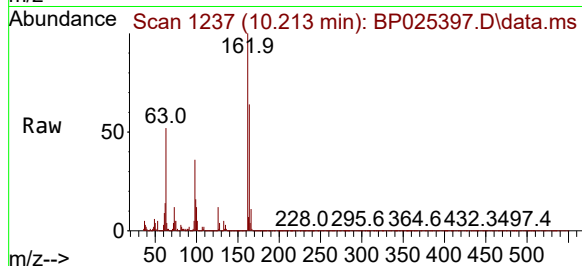
98 36.2 14.9 54.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#30

1,2,4-Trichlorobenzene

Concen: 52.101 ng

RT: 10.431 min Scan# 1274

Delta R.T. 0.006 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

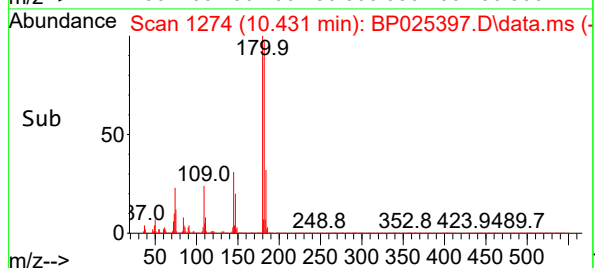
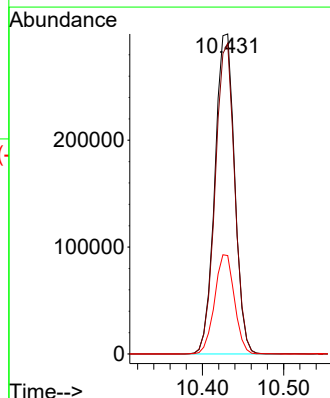
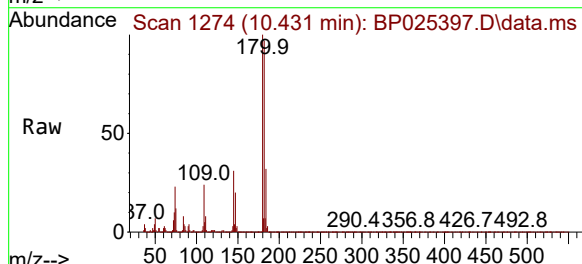
Tgt Ion:180 Resp: 507724

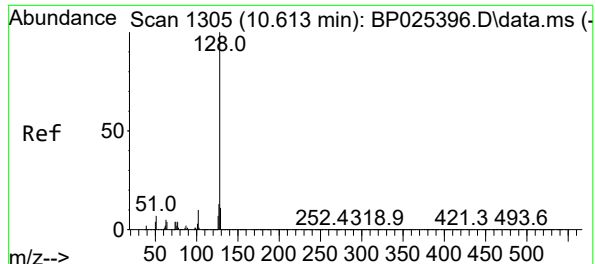
Ion Ratio Lower Upper

180 100

182 97.0 78.0 117.0

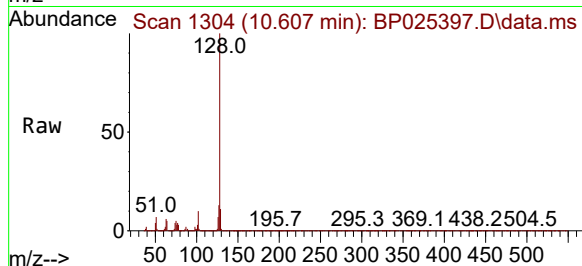
145 30.8 25.9 38.9





#31
Naphthalene
Concen: 52.305 ng
RT: 10.607 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

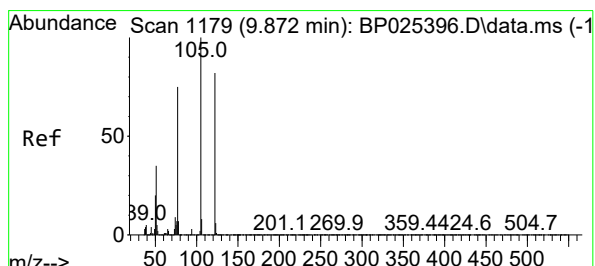
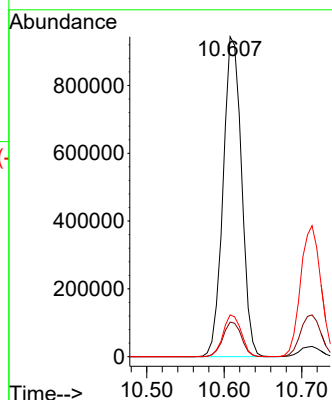
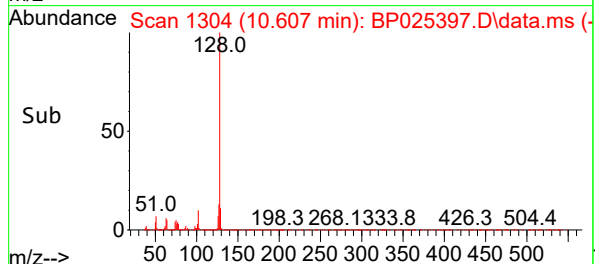
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:128 Resp: 1560240
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.1 10.7 16.1

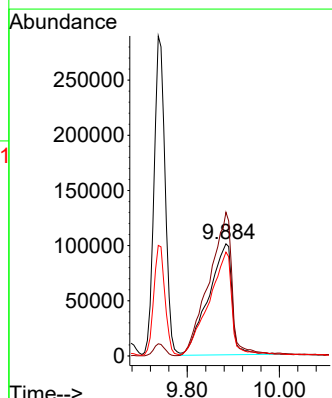
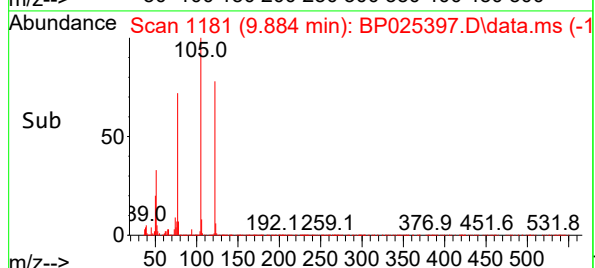
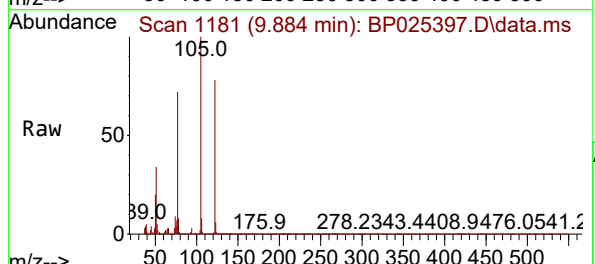
Manual Integrations
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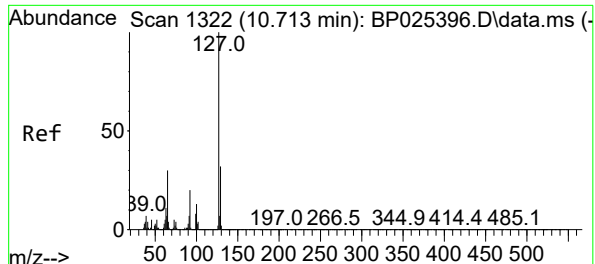
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#32
Benzoic acid
Concen: 54.274 ng
RT: 9.884 min Scan# 1181
Delta R.T. 0.012 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

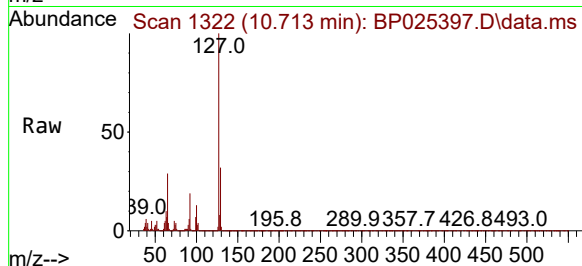
Tgt Ion:122 Resp: 357706
Ion Ratio Lower Upper
122 100
105 128.1 100.6 140.6
77 92.6 71.5 111.5





#33
4-Chloroaniline
Concen: 53.548 ng
RT: 10.713 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

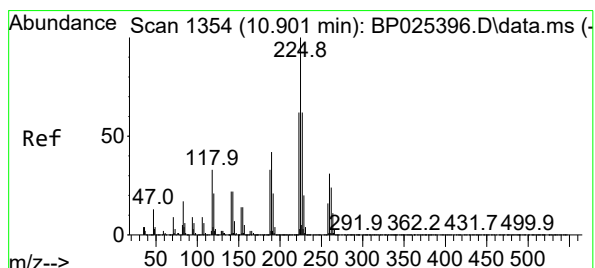
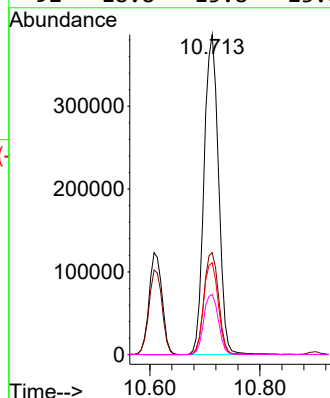
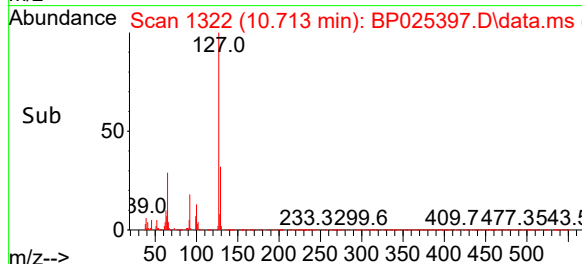
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:127 Resp: 705562
Ion Ratio Lower Upper
127 100
129 31.9 25.4 38.2
65 28.7 23.8 35.6
92 18.8 15.8 23.8

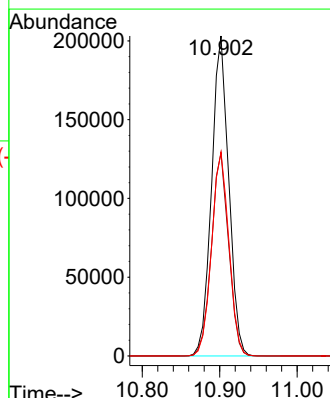
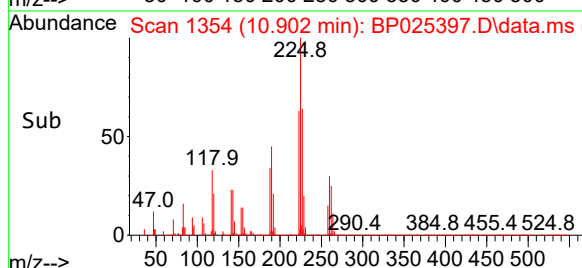
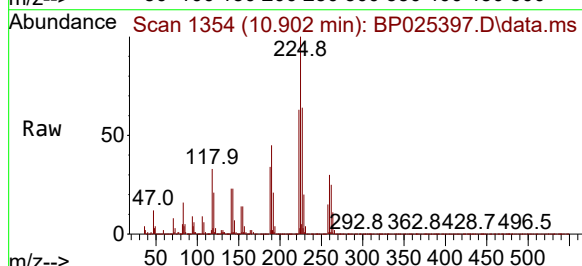
Manual Integrations
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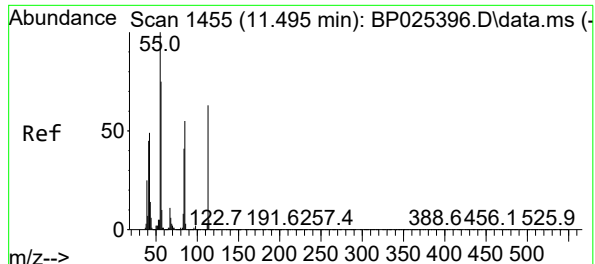
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#34
Hexachlorobutadiene
Concen: 51.436 ng
RT: 10.902 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

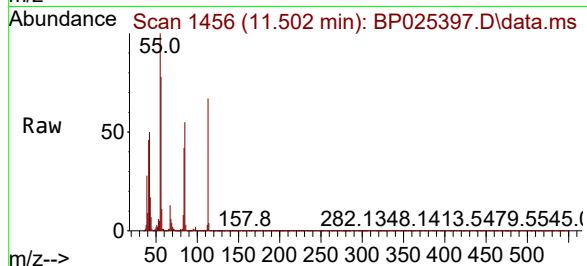
Tgt Ion:225 Resp: 312163
Ion Ratio Lower Upper
225 100
223 63.5 50.0 75.0
227 63.7 49.7 74.5





#35
Caprolactam
Concen: 52.969 ng
RT: 11.502 min Scan# 1455
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

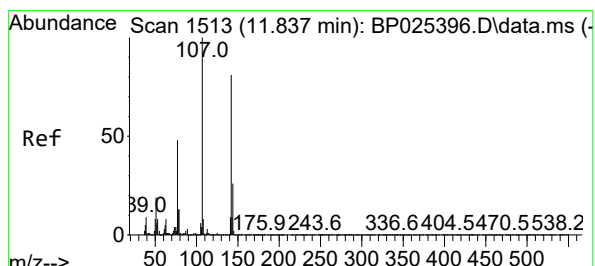
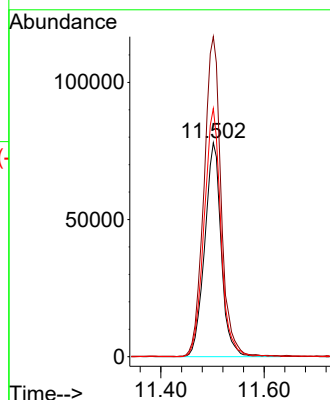
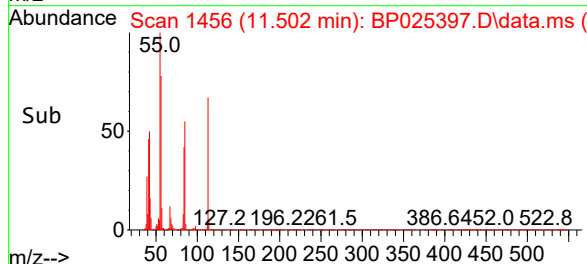
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



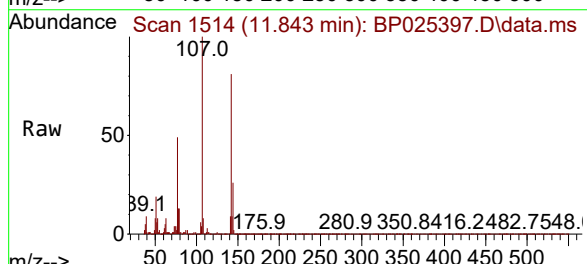
Tgt Ion:113 Resp: 17266
Ion Ratio Lower Upper
113 100
55 149.6 140.0 180.0
56 116.0 100.0 140.0

Manual Integrations
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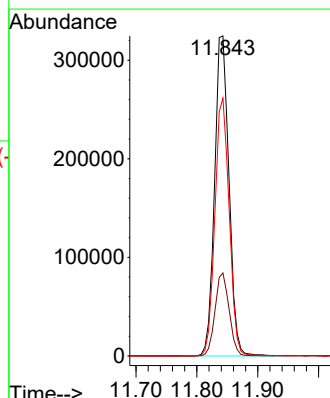
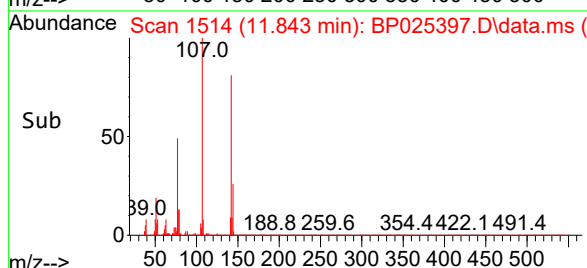
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

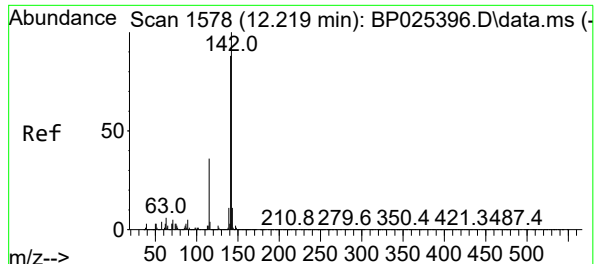


#36
4-Chloro-3-methylphenol
Concen: 52.407 ng
RT: 11.843 min Scan# 1514
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01



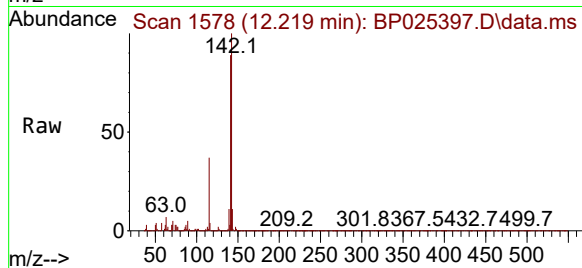
Tgt Ion:107 Resp: 534583
Ion Ratio Lower Upper
107 100
144 26.0 21.0 31.4
142 80.6 64.6 97.0





#37
2-Methylnaphthalene
Concen: 51.710 ng
RT: 12.219 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

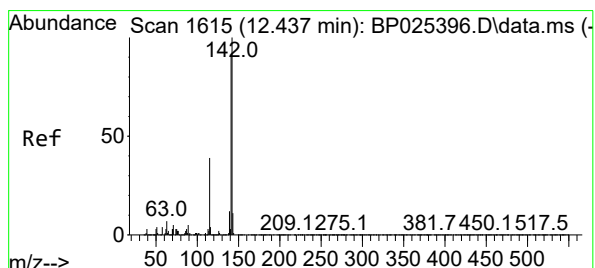
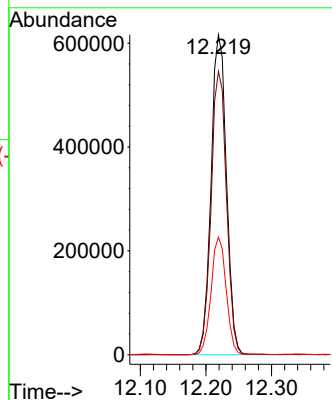
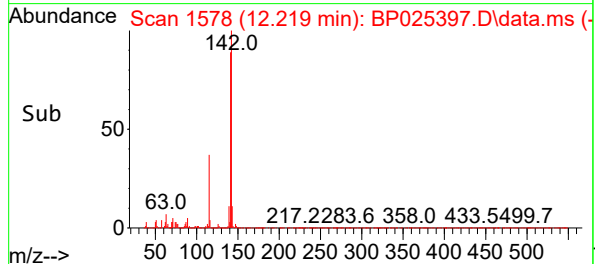
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



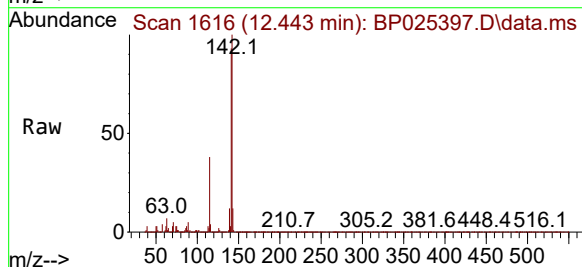
Tgt Ion:142 Resp: 100381
Ion Ratio Lower Upper
142 100
141 88.5 70.3 105.5
115 36.7 28.9 43.3

Manual Integrations
APPROVED

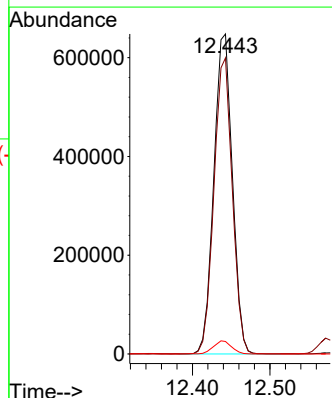
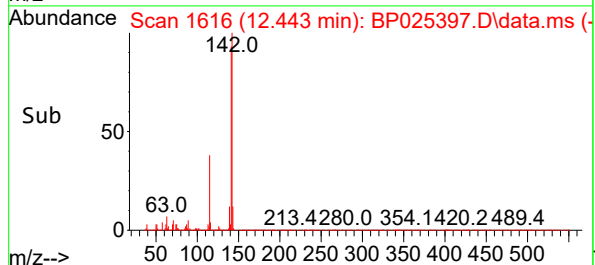
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

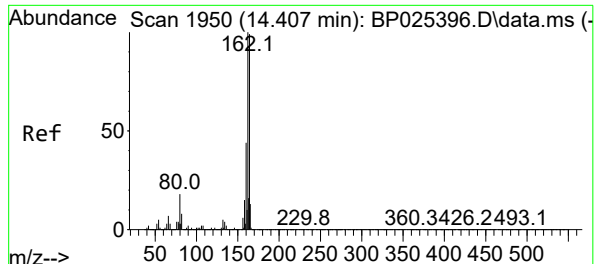


#38
1-Methylnaphthalene
Concen: 52.167 ng
RT: 12.443 min Scan# 1616
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01



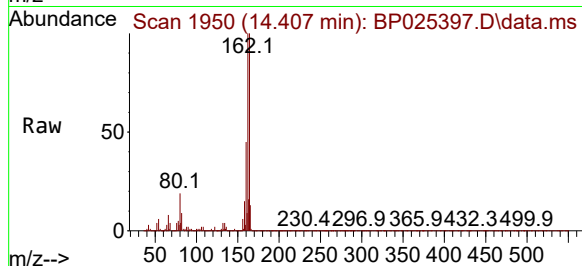
Tgt Ion:142 Resp: 1076949
Ion Ratio Lower Upper
142 100
141 92.5 73.1 109.7
116 3.9 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.407 min Scan# 1950
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

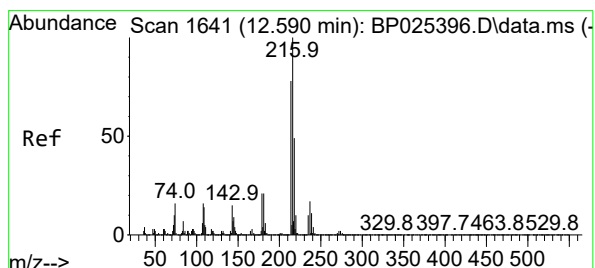
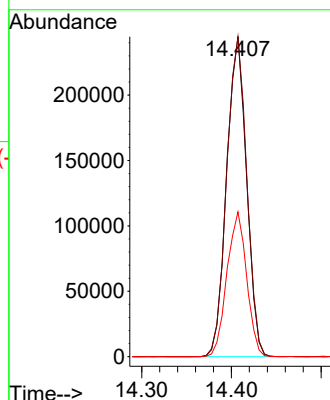
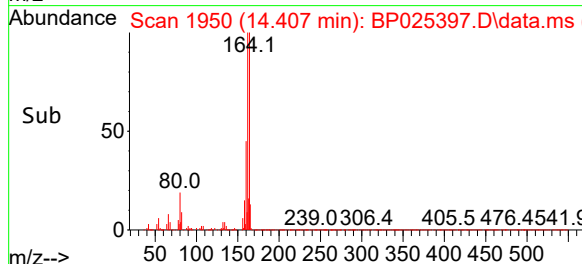
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



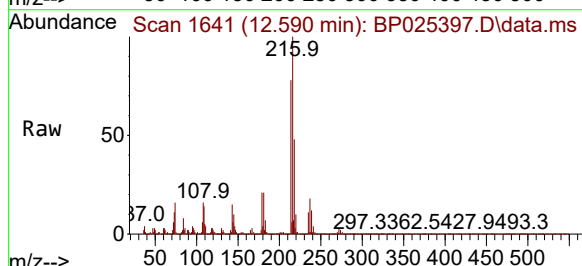
Tgt Ion:164 Resp: 37673
Ion Ratio Lower Upper
164 100
162 100.0 81.0 121.6
160 45.2 35.4 53.2

Manual Integrations
APPROVED

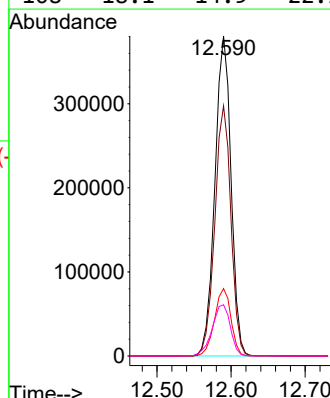
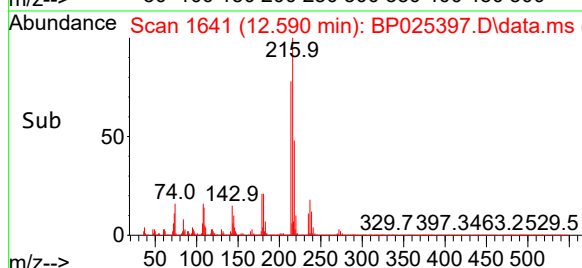
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

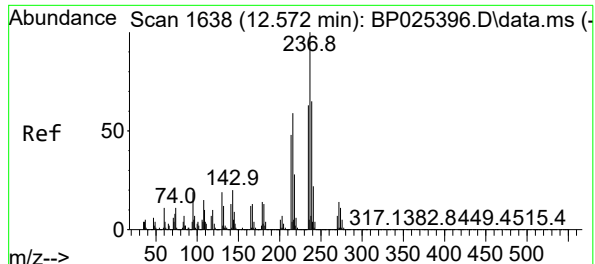


#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.769 ng
RT: 12.590 min Scan# 1641
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01



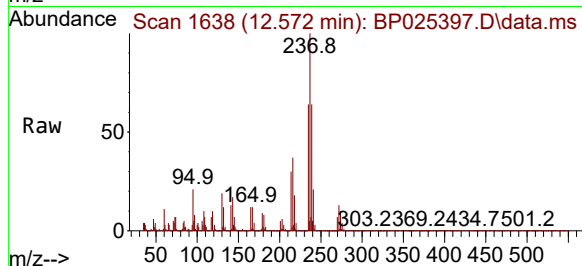
Tgt Ion:216 Resp: 574152
Ion Ratio Lower Upper
216 100
214 78.2 63.0 94.4
179 21.5 17.1 25.7
108 18.1 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 55.392 ng
RT: 12.572 min Scan# 1638
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

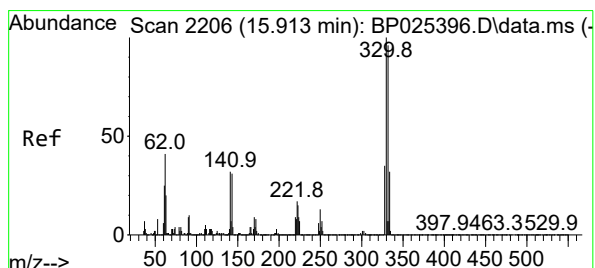
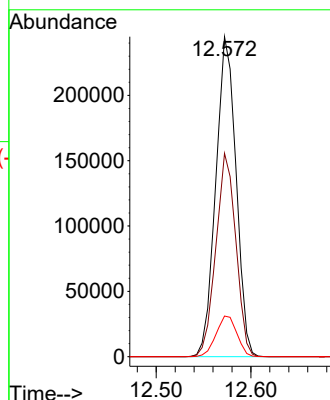
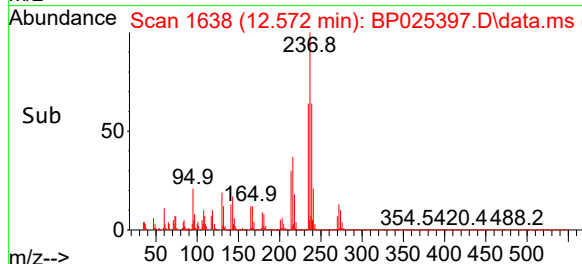
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion: 237 Resp: 36404
Ion Ratio Lower Upper
237 100
235 63.6 42.7 82.7
272 12.7 0.0 34.0

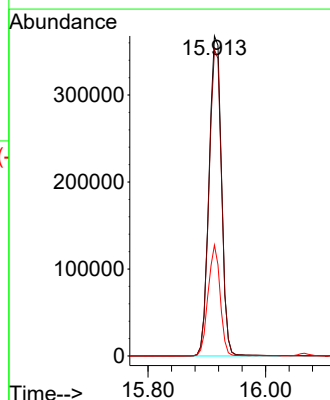
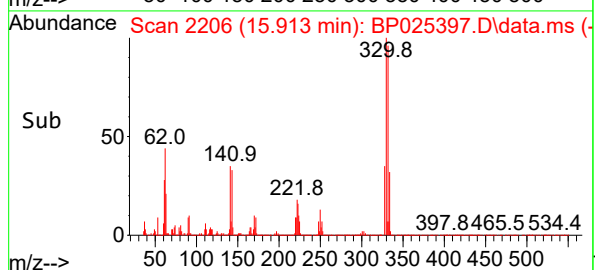
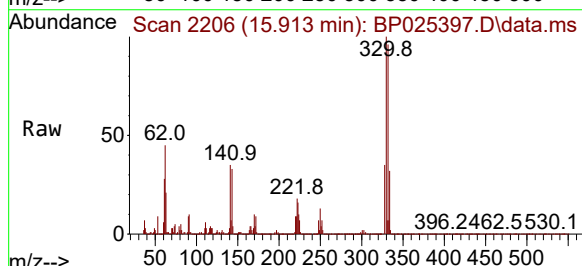
Manual Integrations
APPROVED

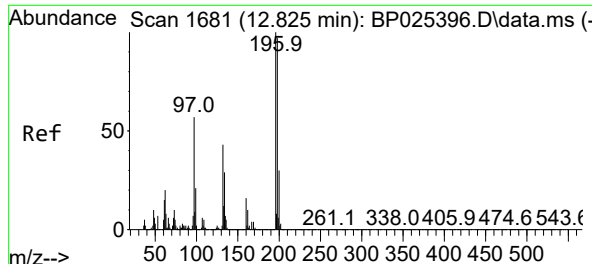
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#42
2,4,6-Tribromophenol
Concen: 106.352 ng
RT: 15.913 min Scan# 2206
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion: 330 Resp: 539295
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 33.5 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 53.971 ng

RT: 12.831 min Scan# 1682

Delta R.T. 0.006 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:196 Resp: 396440

Ion Ratio Lower Upper

196 100

198 96.3 77.2 115.8

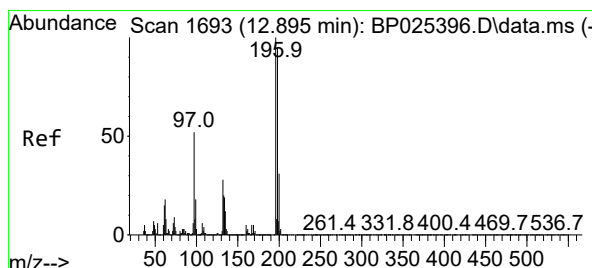
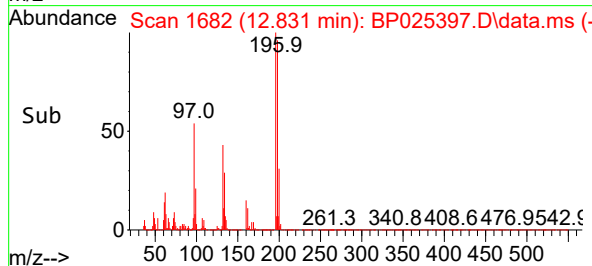
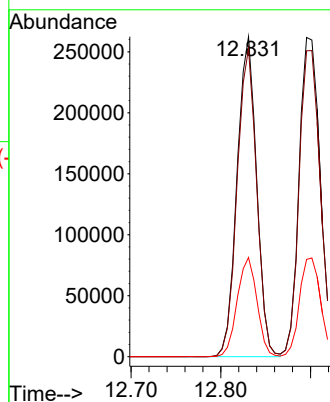
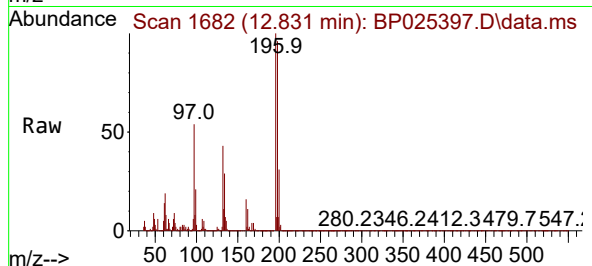
200 31.0 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#44

2,4,5-Trichlorophenol

Concen: 53.421 ng

RT: 12.896 min Scan# 1693

Delta R.T. 0.000 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

Tgt Ion:196 Resp: 430061

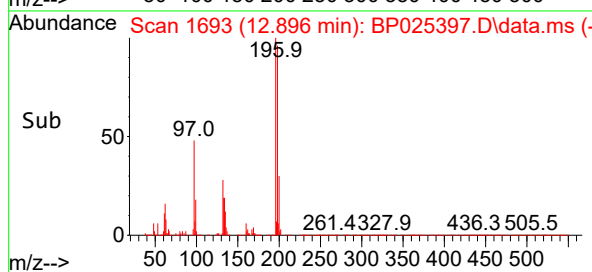
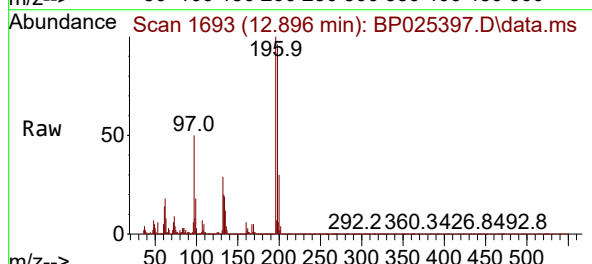
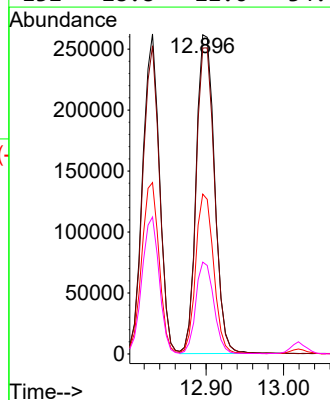
Ion Ratio Lower Upper

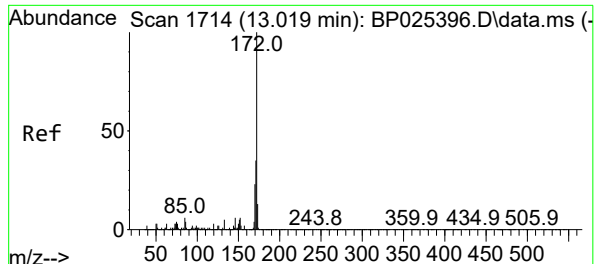
196 100

198 95.8 76.2 114.2

97 50.1 41.2 61.8

132 28.8 22.6 34.0





#45

2-Fluorobiphenyl

Concen: 103.632 ng

RT: 13.019 min Scan# 1714

Delta R.T. 0.000 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:172 Resp: 2856639

Ion Ratio Lower Upper

172 100

171 35.3 28.1 42.1

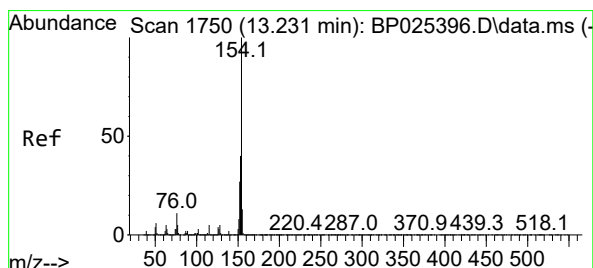
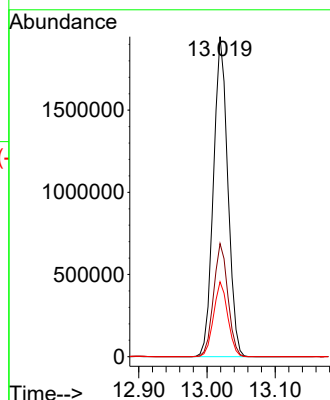
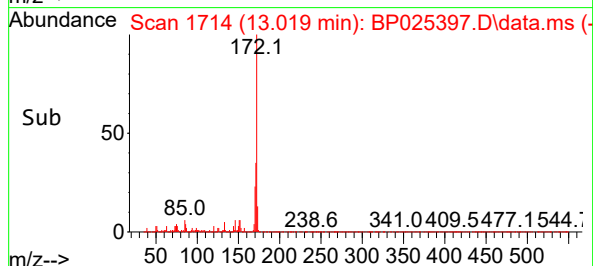
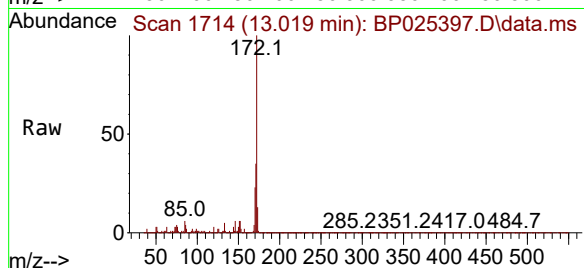
170 23.4 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#46

1,1'-Biphenyl

Concen: 52.922 ng

RT: 13.231 min Scan# 1750

Delta R.T. 0.000 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

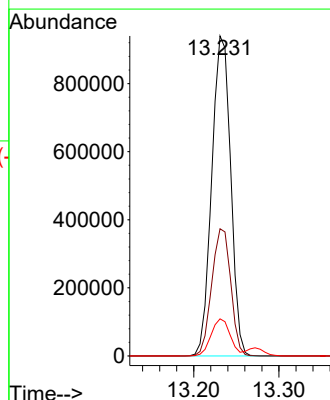
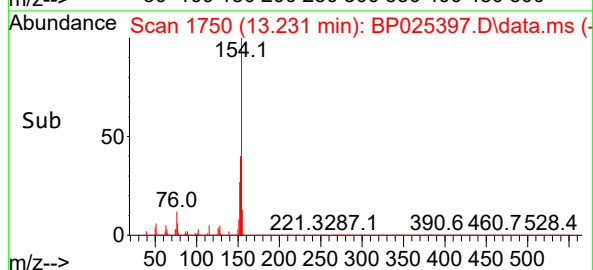
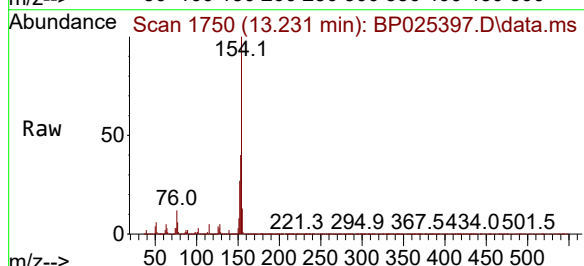
Tgt Ion:154 Resp: 1447968

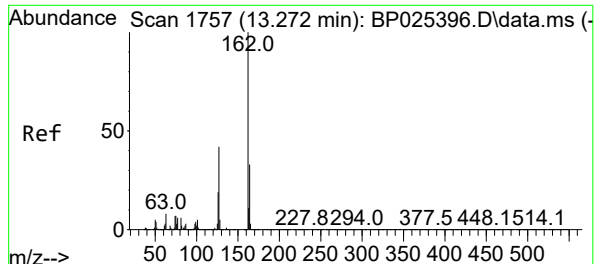
Ion Ratio Lower Upper

154 100

153 39.8 19.5 59.5

76 11.6 0.0 31.1





#47

2-Chloronaphthalene

Concen: 52.344 ng

RT: 13.272 min Scan# 1757

Delta R.T. 0.000 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:162 Resp: 111492

Ion Ratio Lower Upper

162 100

127 41.3 33.4 50.2

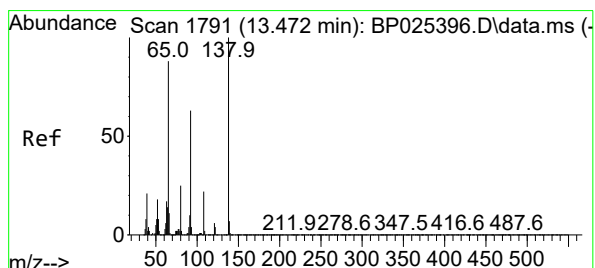
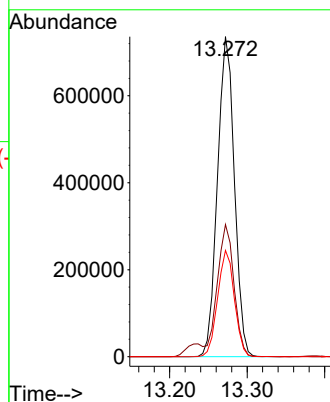
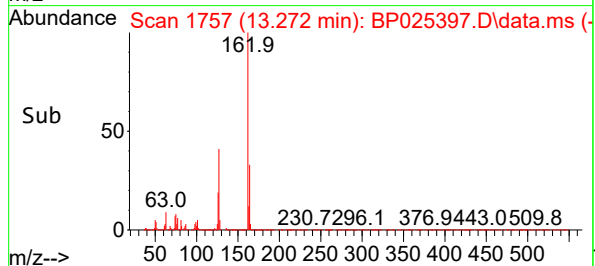
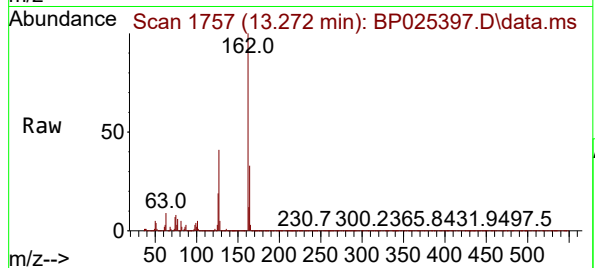
164 33.2 26.2 39.2

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#48

2-Nitroaniline

Concen: 54.613 ng

RT: 13.472 min Scan# 1791

Delta R.T. 0.000 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

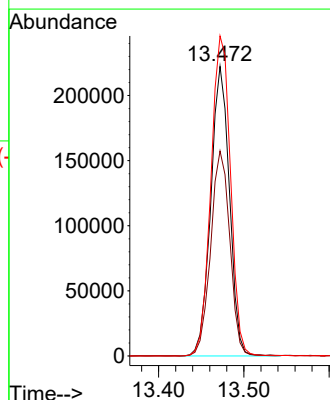
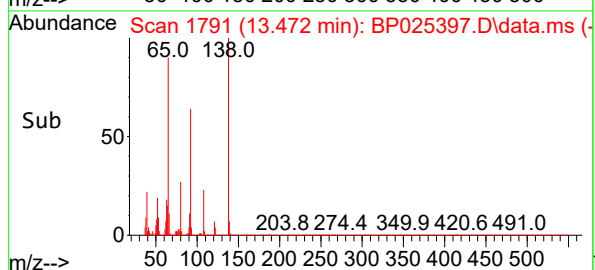
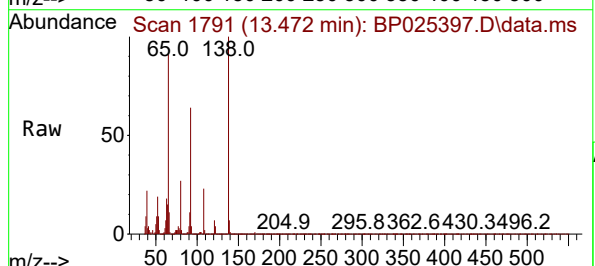
Tgt Ion: 65 Resp: 338939

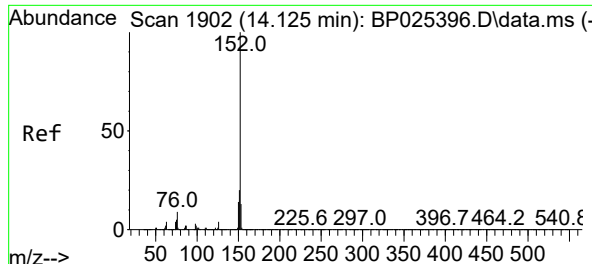
Ion Ratio Lower Upper

65 100

92 70.7 57.6 86.4

138 110.5 91.0 136.6





#49

Acenaphthylene

Concen: 53.227 ng

RT: 14.125 min Scan# 1902

Delta R.T. 0.000 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:152 Resp: 1875998

Ion Ratio Lower Upper

152 100

151 20.1 16.0 24.0

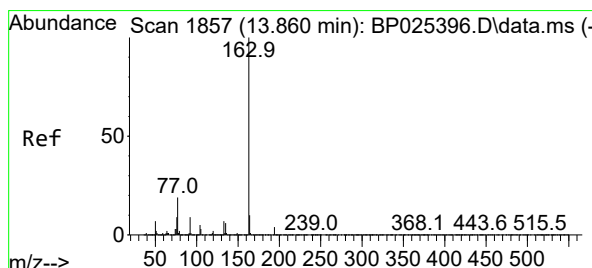
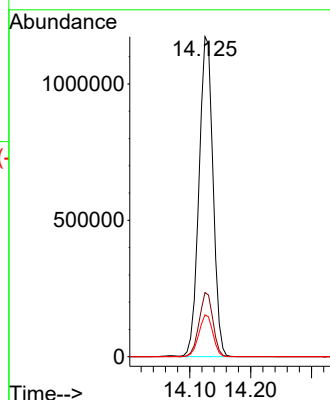
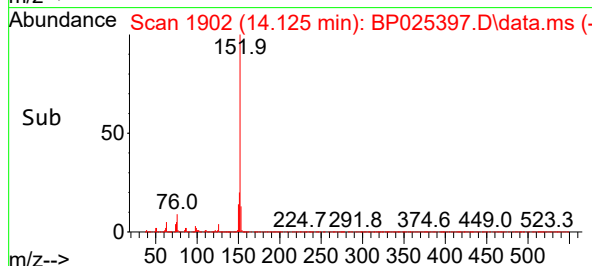
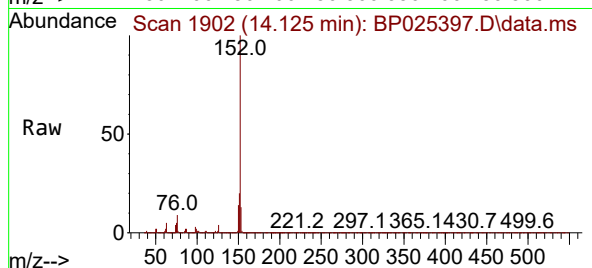
153 13.1 10.6 15.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#50

Dimethylphthalate

Concen: 51.622 ng

RT: 13.860 min Scan# 1857

Delta R.T. 0.000 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

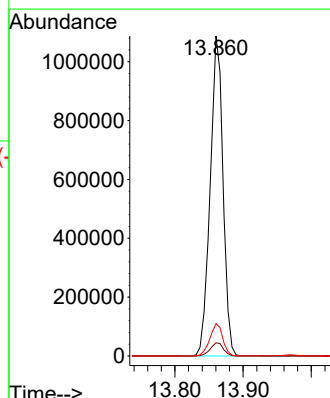
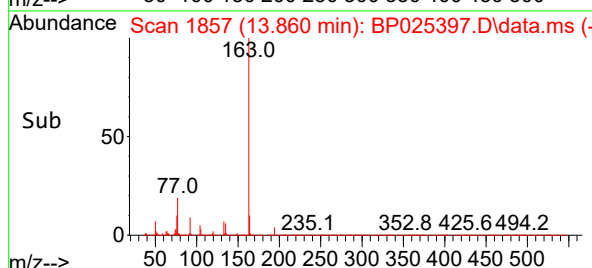
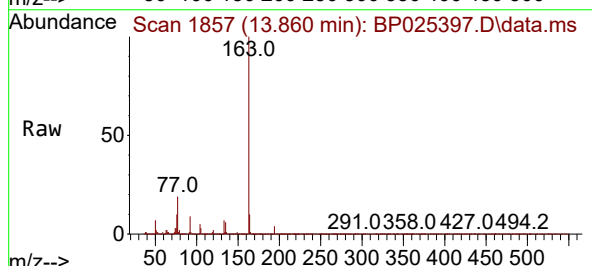
Tgt Ion:163 Resp: 1424127

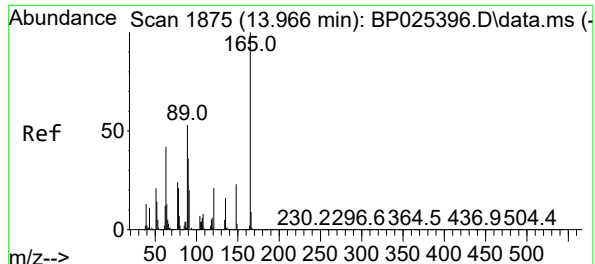
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

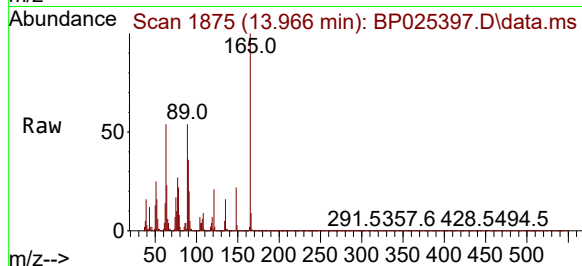
164 10.1 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 53.683 ng
RT: 13.966 min Scan# 1875
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

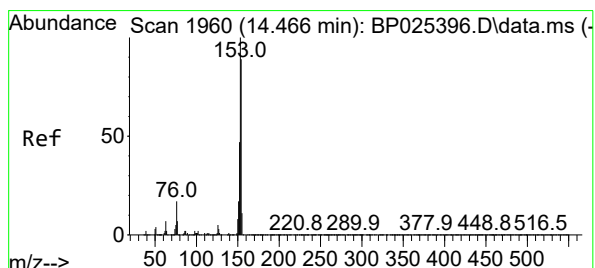
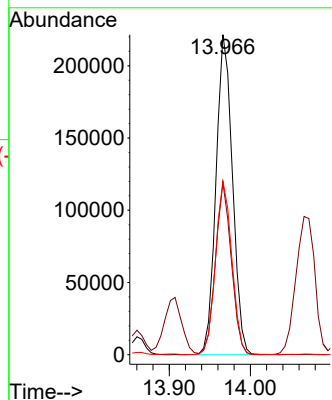
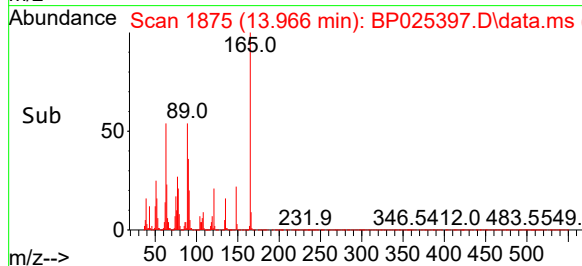
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:165 Resp: 312149
Ion Ratio Lower Upper
165 100
63 53.8 40.9 61.3
89 54.2 42.1 63.1

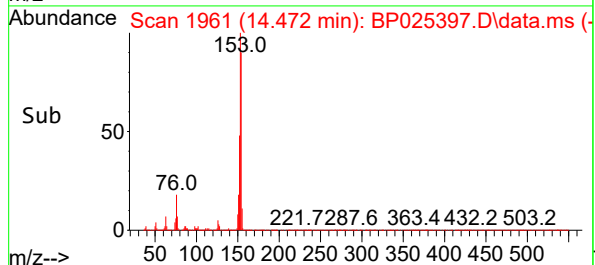
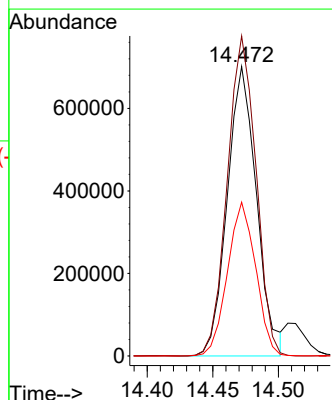
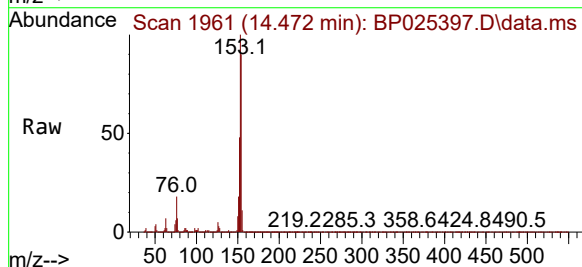
Manual Integrations
APPROVED

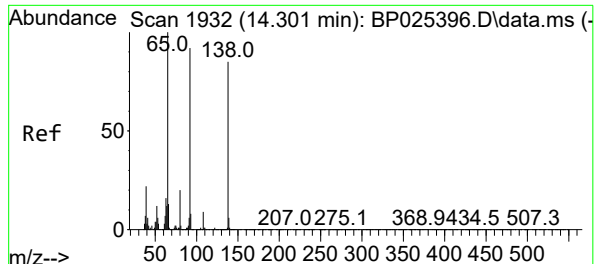
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#52
Acenaphthene
Concen: 52.577 ng
RT: 14.472 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

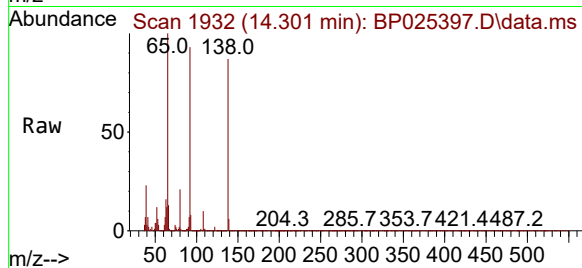
Tgt Ion:154 Resp: 1087721
Ion Ratio Lower Upper
154 100
153 110.6 90.2 135.2
152 53.1 42.1 63.1





#53
3-Nitroaniline
Concen: 55.339 ng
RT: 14.301 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

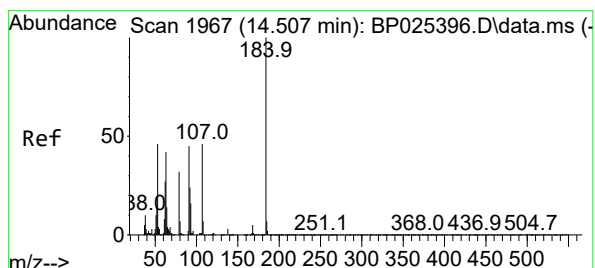
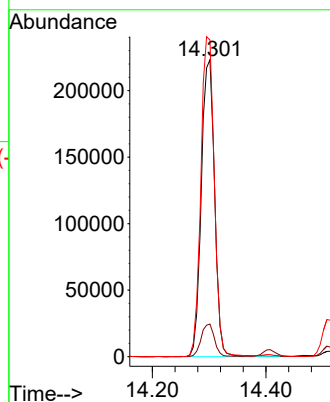
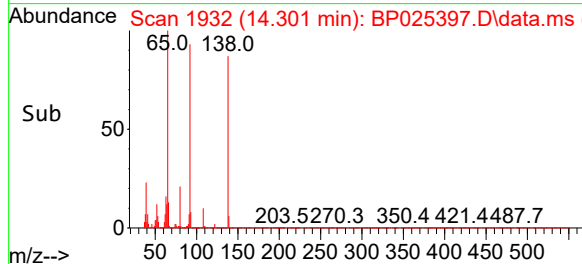
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:138 Resp: 362030
Ion Ratio Lower Upper
138 100
108 11.0 8.3 12.5
92 106.6 86.2 129.2

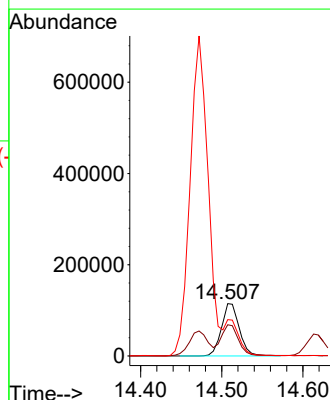
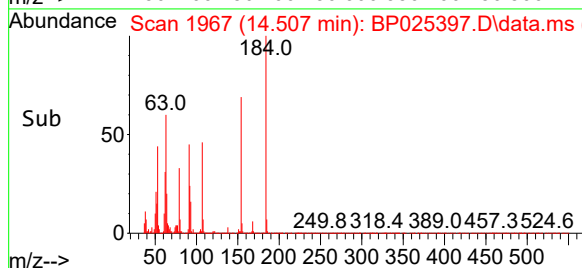
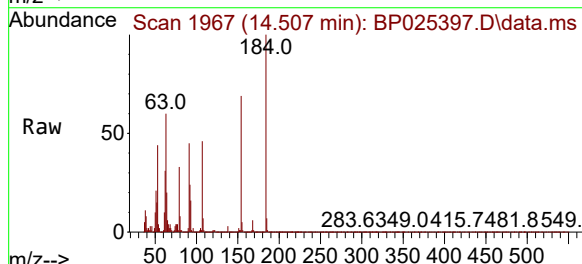
Manual Integrations
APPROVED

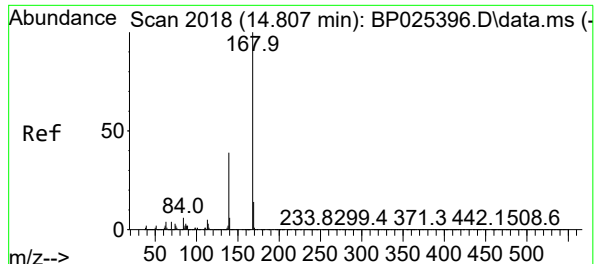
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#54
2,4-Dinitrophenol
Concen: 56.503 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

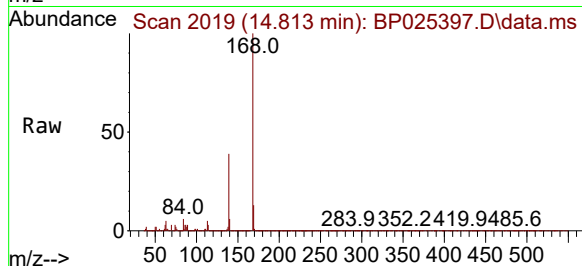
Tgt Ion:184 Resp: 175453
Ion Ratio Lower Upper
184 100
63 59.7 49.4 74.2
154 69.4 54.6 82.0





#55
Dibenzenofuran
Concen: 52.147 ng
RT: 14.813 min Scan# 2018
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

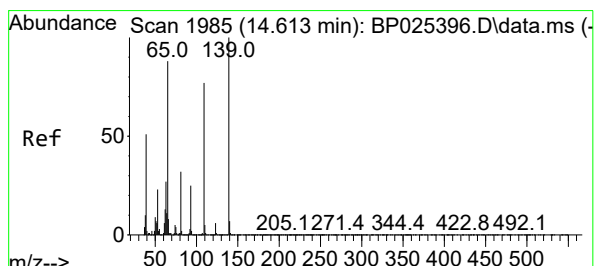
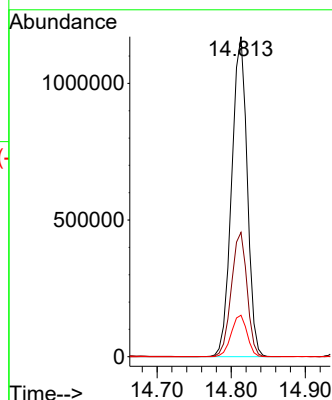
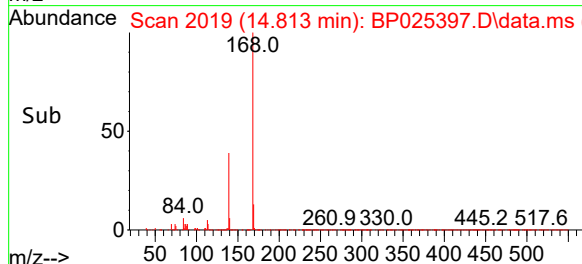
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:168 Resp: 1705630
Ion Ratio Lower Upper
168 100
139 38.9 31.5 47.3
169 13.0 10.9 16.3

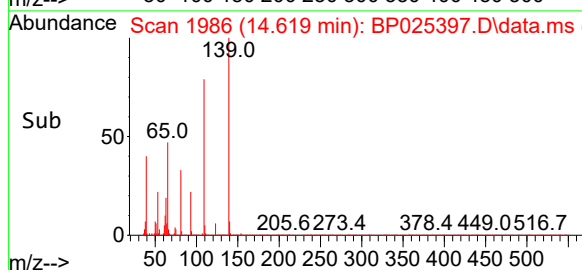
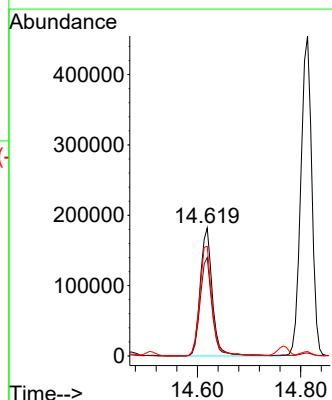
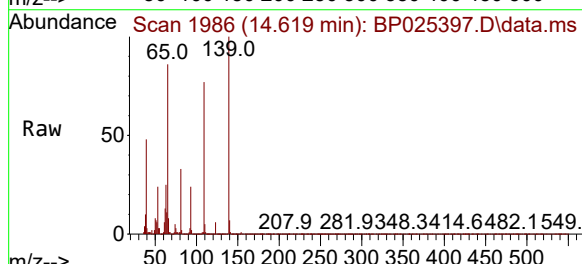
Manual Integrations
APPROVED

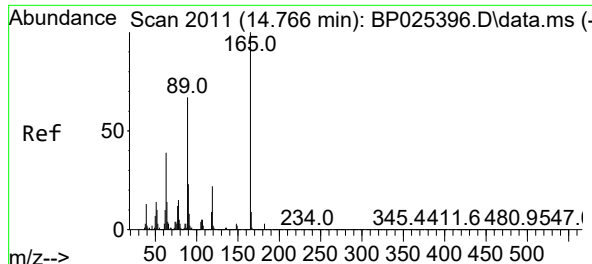
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#56
4-Nitrophenol
Concen: 55.103 ng
RT: 14.619 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

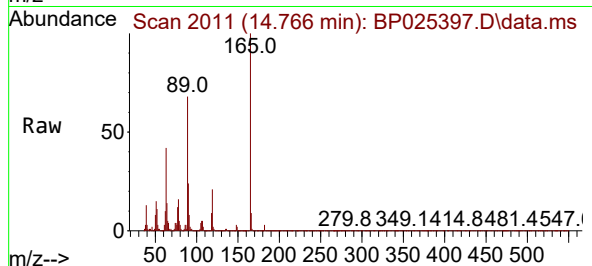
Tgt Ion:139 Resp: 296227
Ion Ratio Lower Upper
139 100
109 76.8 56.6 96.6
65 85.5 68.2 108.2





#57
2,4-Dinitrotoluene
Concen: 54.354 ng
RT: 14.766 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

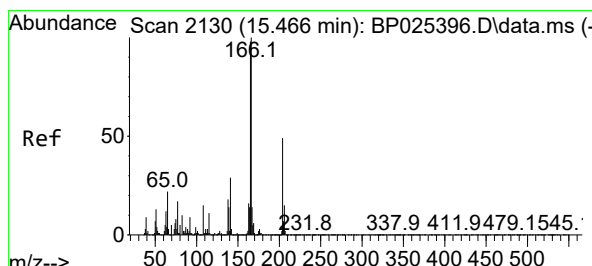
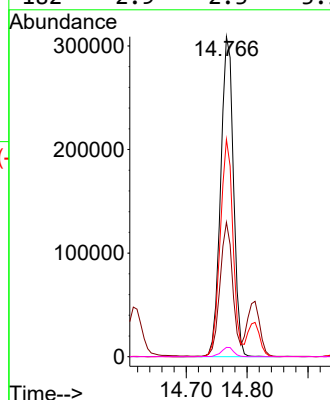
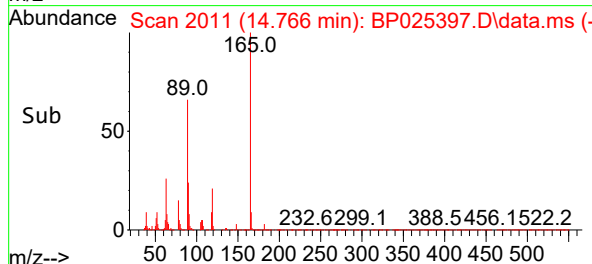
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:165 Resp: 45092.0
Ion Ratio Lower Upper
165 100
63 42.0 31.4 47.2
89 67.9 53.3 79.9
182 2.9 2.3 3.5

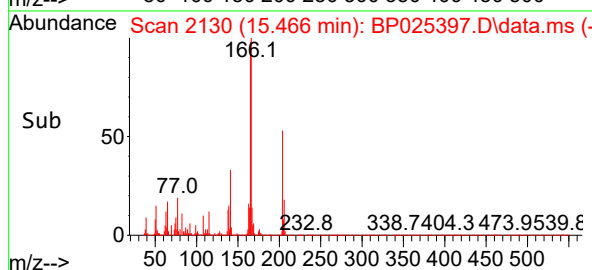
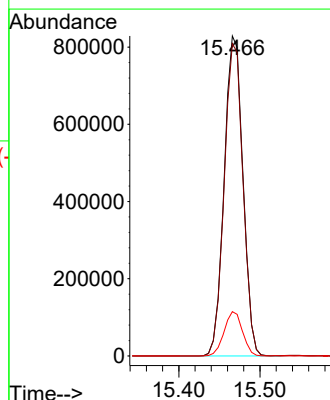
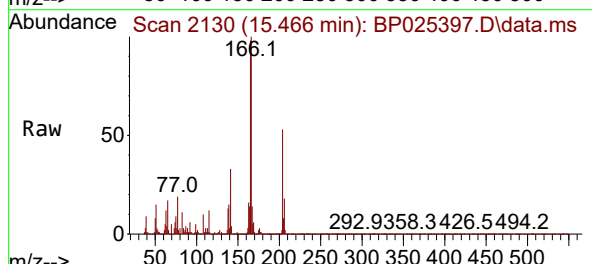
Manual Integrations
APPROVED

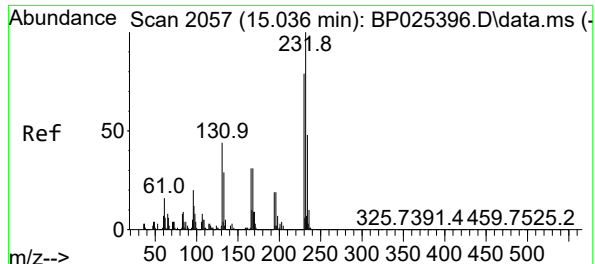
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#58
Fluorene
Concen: 51.627 ng
RT: 15.466 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

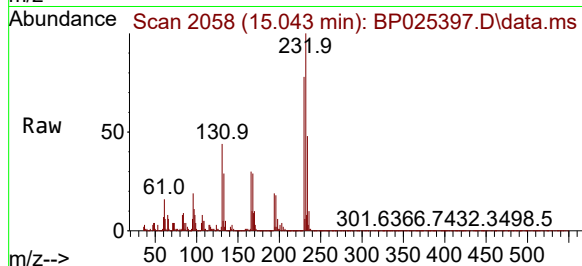
Tgt Ion:166 Resp: 1332448
Ion Ratio Lower Upper
166 100
165 97.6 78.8 118.2
167 13.9 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.281 ng
RT: 15.043 min Scan# 2058
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

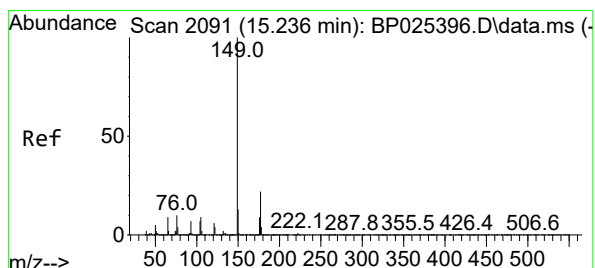
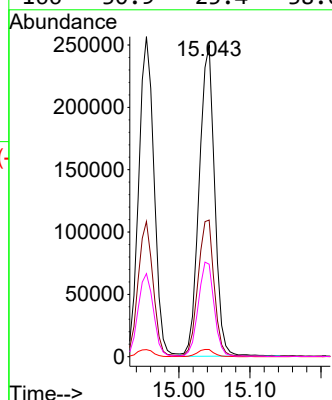
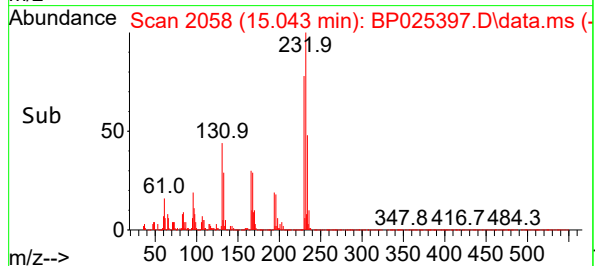
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:232 Resp: 37874
Ion Ratio Lower Upper
232 100
131 46.0 37.0 55.6
130 2.5 1.9 2.9
166 30.9 25.4 38.0

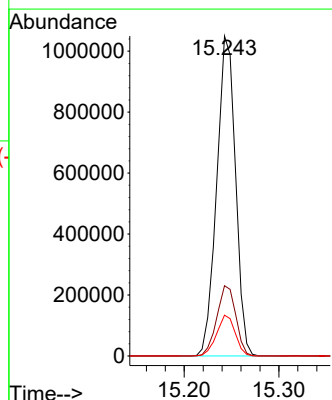
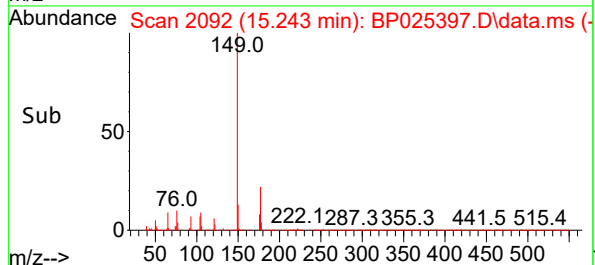
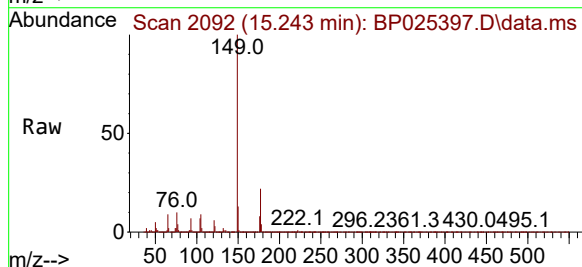
Manual Integrations
APPROVED

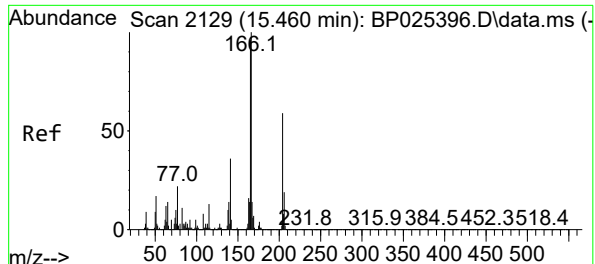
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#60
Diethylphthalate
Concen: 51.728 ng
RT: 15.243 min Scan# 2092
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

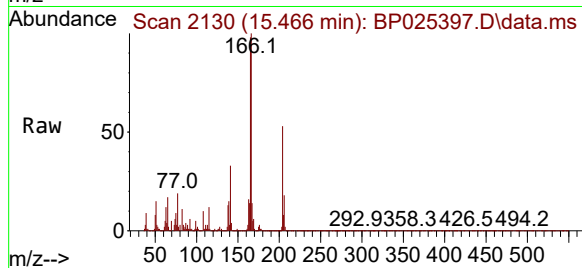
Tgt Ion:149 Resp: 1450033
Ion Ratio Lower Upper
149 100
177 21.9 17.3 25.9
150 12.8 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 50.647 ng
RT: 15.466 min Scan# 2129
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

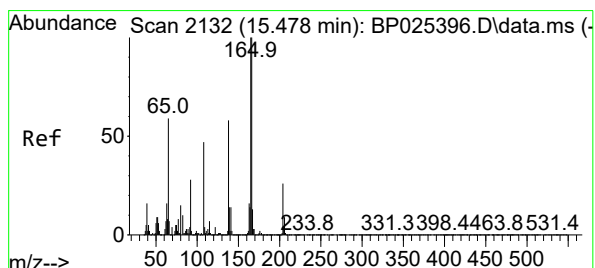
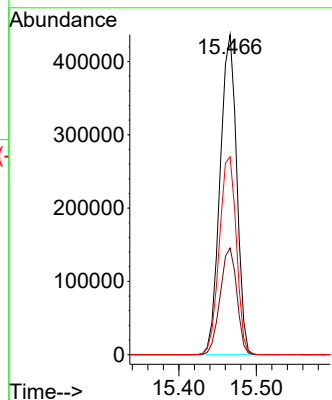
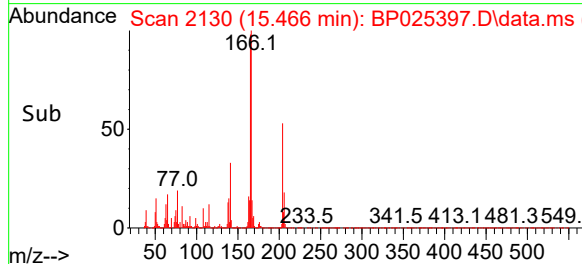
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:204 Resp: 65010
Ion Ratio Lower Upper
204 100
206 33.4 25.8 38.8
141 61.8 49.4 74.2

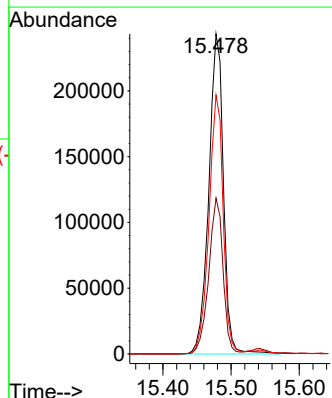
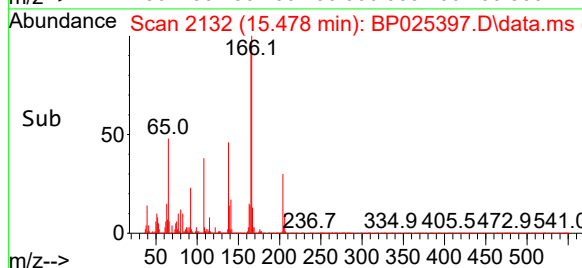
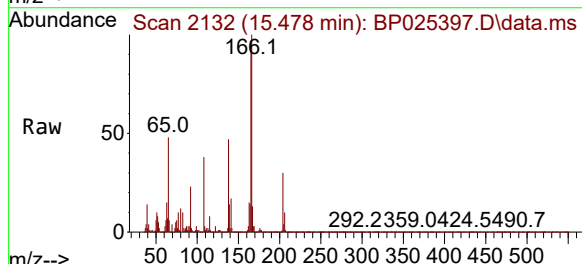
Manual Integrations
APPROVED

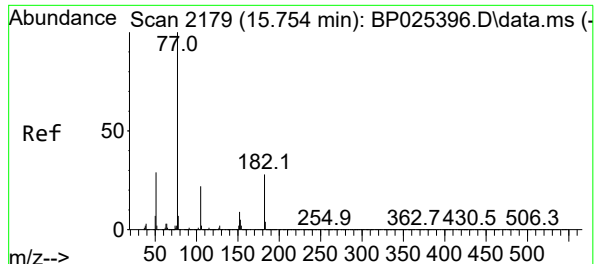
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#62
4-Nitroaniline
Concen: 54.278 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

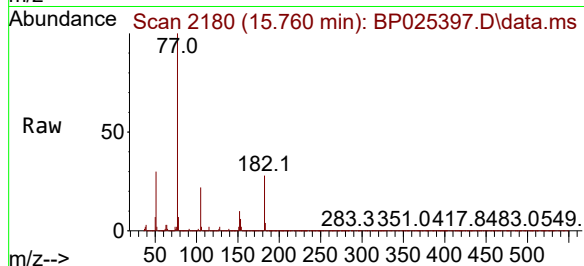
Tgt Ion:138 Resp: 364030
Ion Ratio Lower Upper
138 100
92 48.6 29.1 69.1
108 80.9 61.5 101.5





#63
Azobenzene
Concen: 52.602 ng
RT: 15.760 min Scan# 2179
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

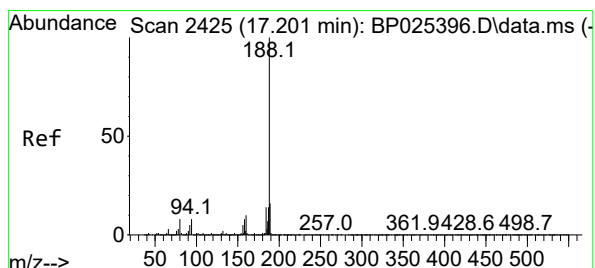
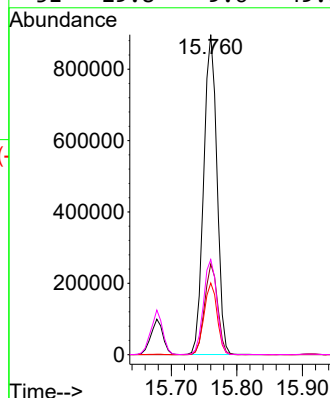
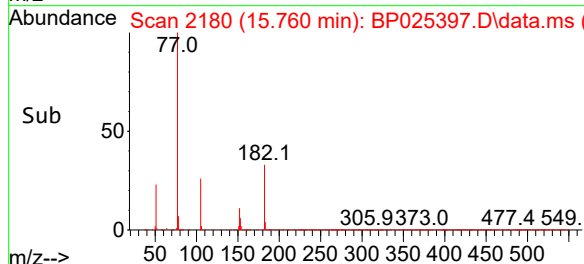
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion: 77 Resp: 1262570
Ion Ratio Lower Upper
77 100
182 28.3 7.5 47.5
105 22.4 2.1 42.1
51 29.8 9.6 49.6

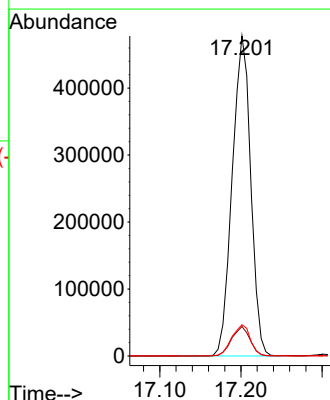
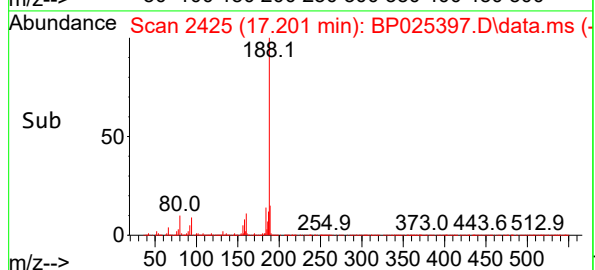
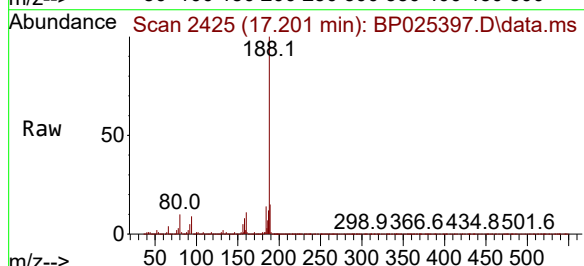
Manual Integrations
APPROVED

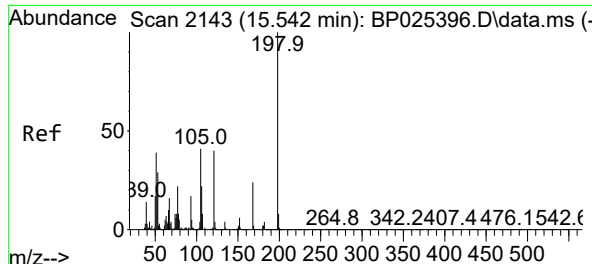
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

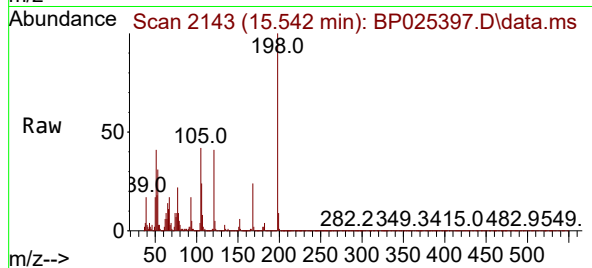
Tgt Ion:188 Resp: 753705
Ion Ratio Lower Upper
188 100
94 9.2 6.6 10.0
80 9.8 6.7 10.1





#65
4,6-Dinitro-2-methylphenol
Concen: 55.792 ng
RT: 15.542 min Scan# 2143
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

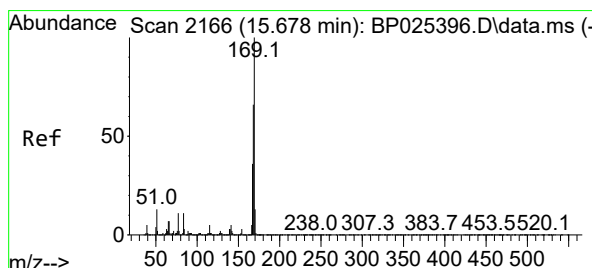
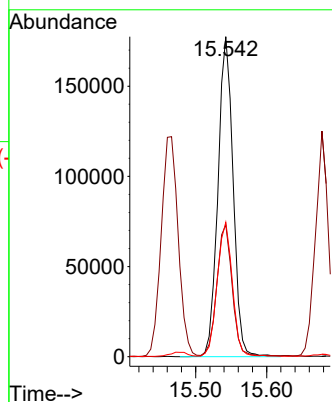
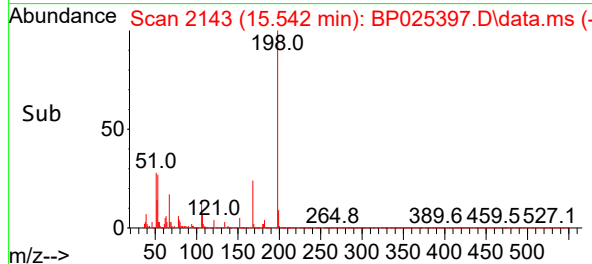
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:198 Resp: 262120
Ion Ratio Lower Upper
198 100
51 41.2 19.6 59.6
105 42.0 20.9 60.9

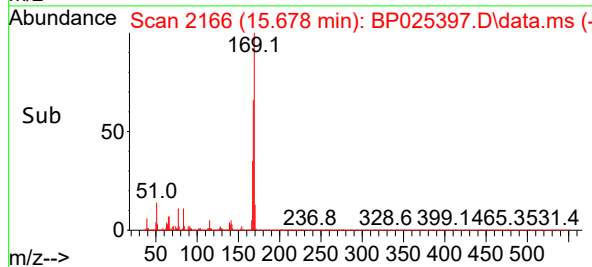
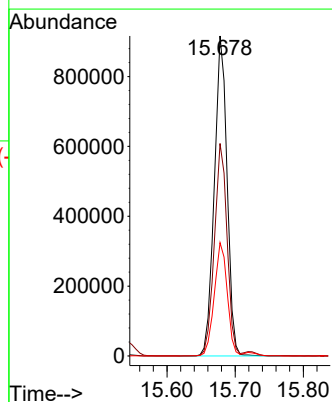
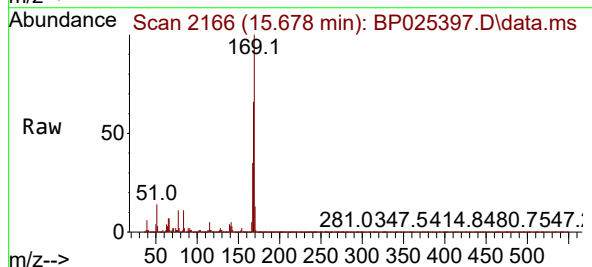
Manual Integrations
APPROVED

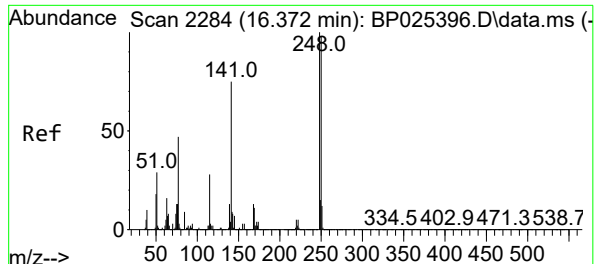
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#66
n-Nitrosodiphenylamine
Concen: 51.997 ng
RT: 15.678 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

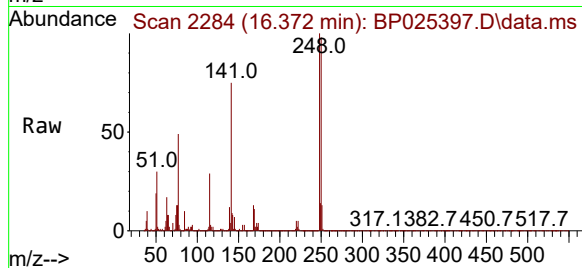
Tgt Ion:169 Resp: 1195077
Ion Ratio Lower Upper
169 100
168 66.4 53.2 79.8
167 35.4 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 52.325 ng
RT: 16.372 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

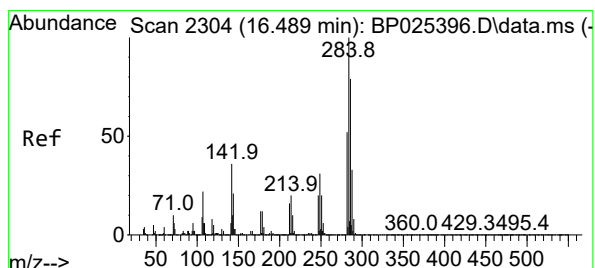
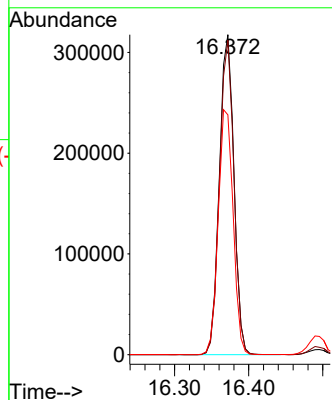
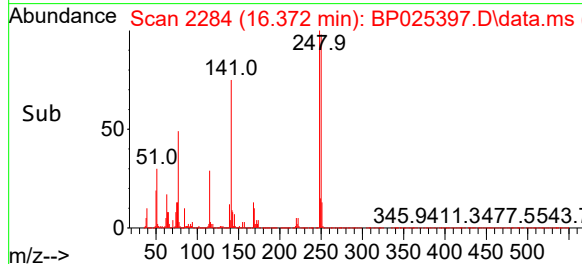
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:248 Resp: 433740
Ion Ratio Lower Upper
248 100
250 98.3 78.2 117.2
141 75.0 59.6 89.4

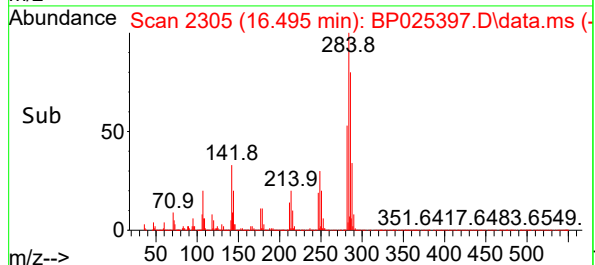
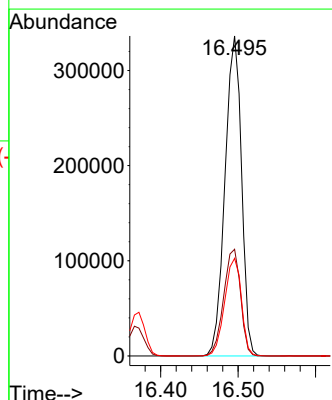
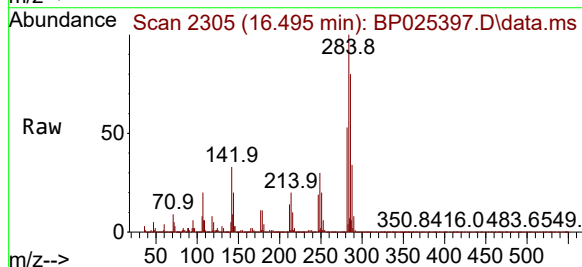
Manual Integrations
APPROVED

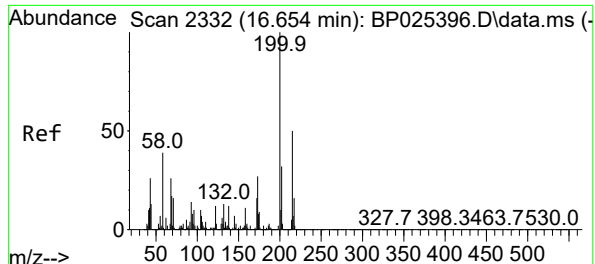
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#68
Hexachlorobenzene
Concen: 51.816 ng
RT: 16.495 min Scan# 2305
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

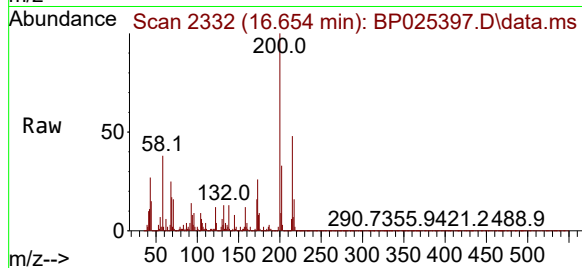
Tgt Ion:284 Resp: 497906
Ion Ratio Lower Upper
284 100
142 33.3 29.1 43.7
249 30.5 25.0 37.4





#69
Atrazine
Concen: 52.479 ng
RT: 16.654 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

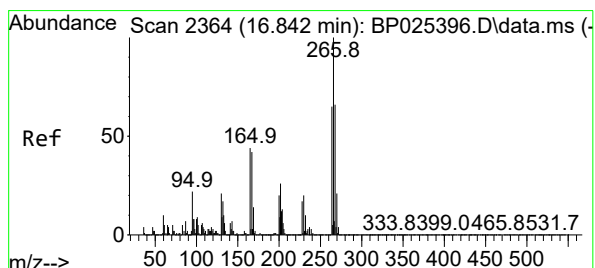
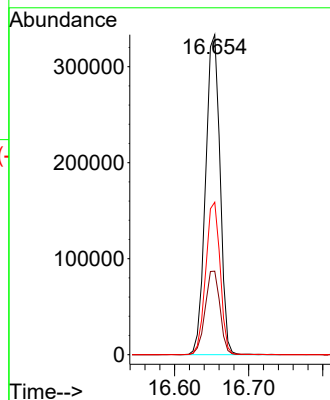
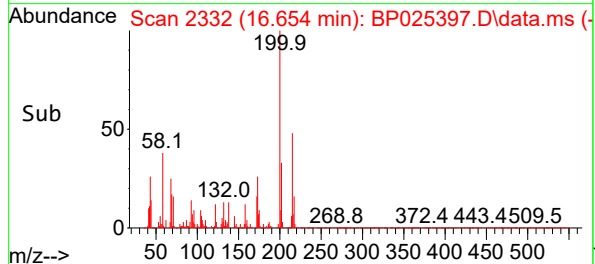
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



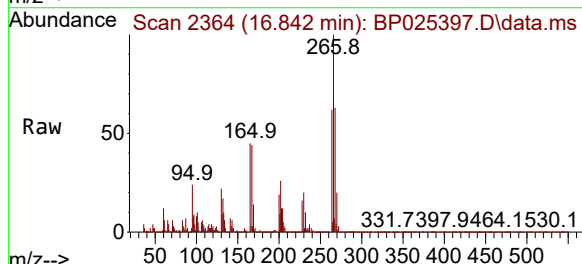
Tgt Ion:200 Resp: 451704
Ion Ratio Lower Upper
200 100
173 26.1 6.7 46.7
215 47.7 29.7 69.7

Manual Integrations
APPROVED

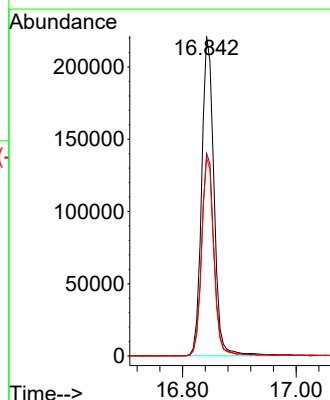
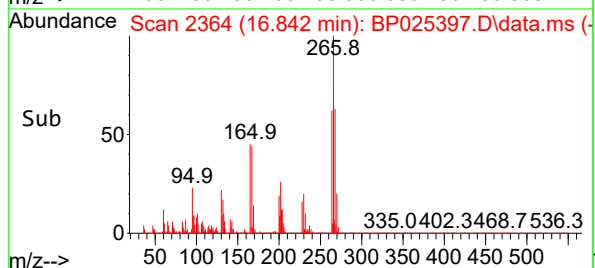
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

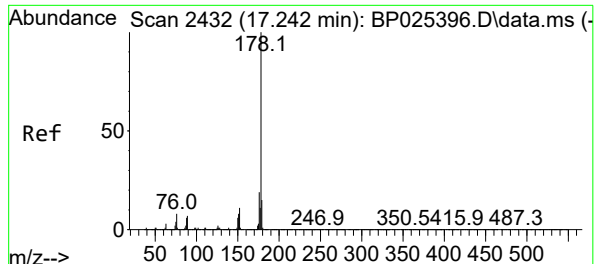


#70
Pentachlorophenol
Concen: 54.872 ng
RT: 16.842 min Scan# 2364
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01



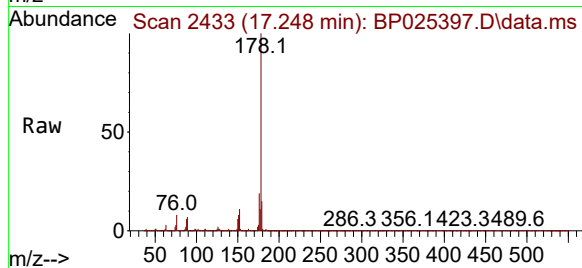
Tgt Ion:266 Resp: 332839
Ion Ratio Lower Upper
266 100
268 63.2 52.6 79.0
264 62.1 52.0 78.0





#71
Phenanthrene
Concen: 51.673 ng
RT: 17.248 min Scan# 2432
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

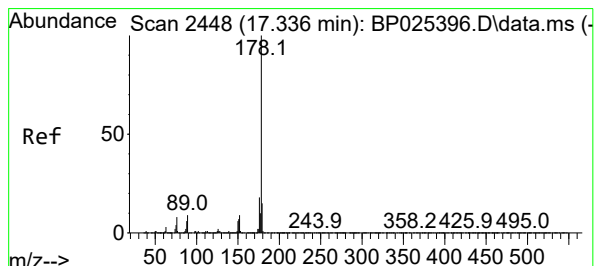
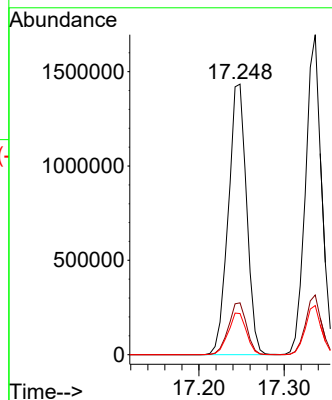
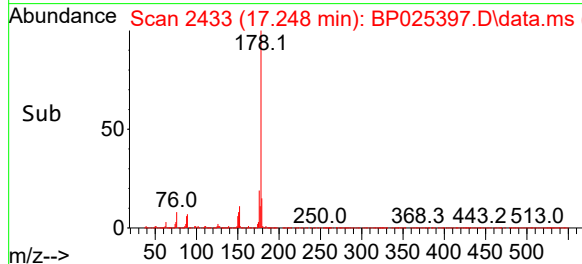
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:178 Resp: 213943
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.2 12.2 18.4

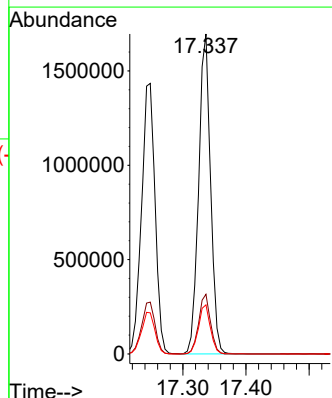
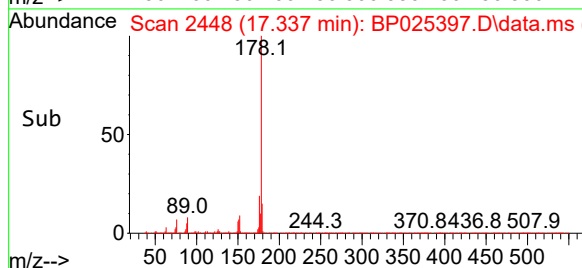
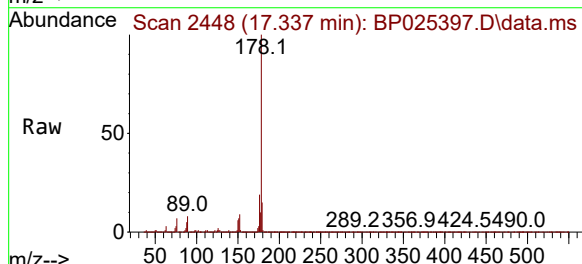
Manual Integrations
APPROVED

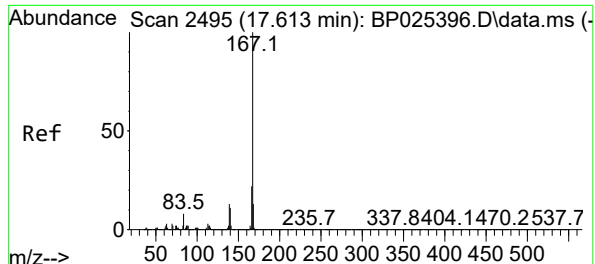
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#72
Anthracene
Concen: 52.385 ng
RT: 17.337 min Scan# 2448
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

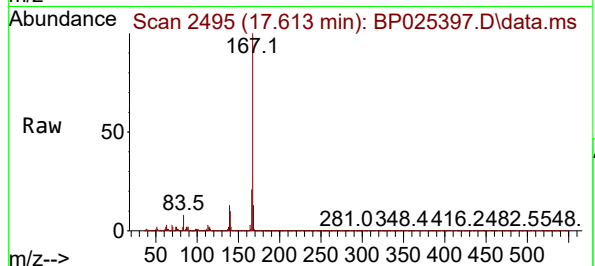
Tgt Ion:178 Resp: 2214911
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 15.4 12.2 18.2





#73
Carbazole
Concen: 52.559 ng
RT: 17.613 min Scan# 2495
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

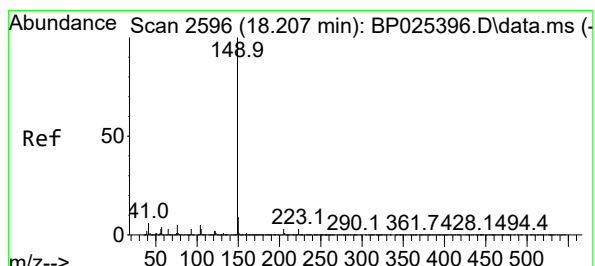
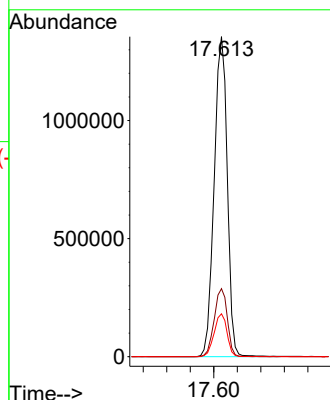
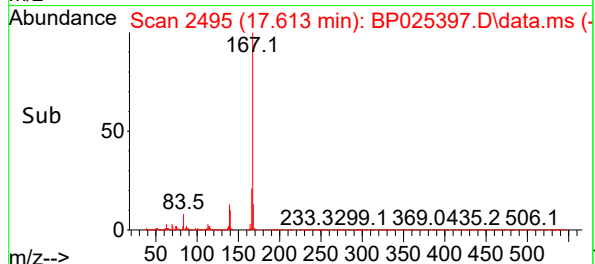
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:167 Resp: 209317
Ion Ratio Lower Upper
167 100
166 21.2 17.5 26.3
139 13.4 10.6 16.0

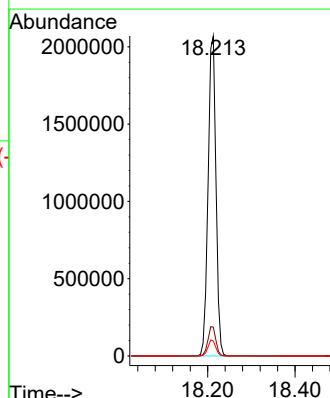
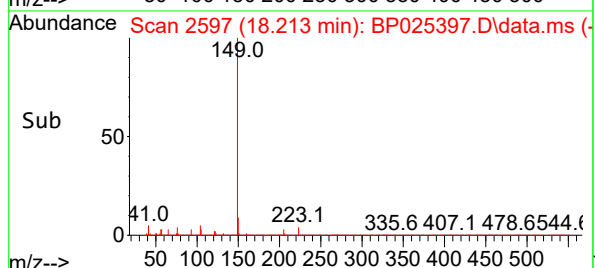
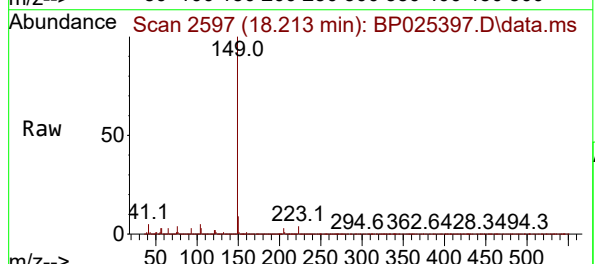
Manual Integrations
APPROVED

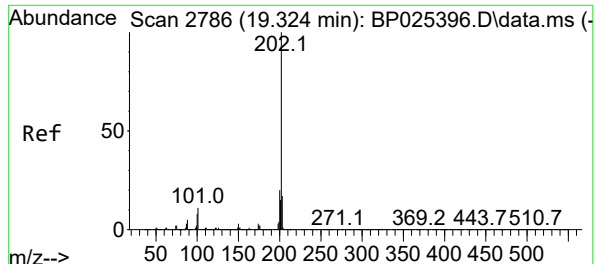
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#74
Di-n-butylphthalate
Concen: 52.849 ng
RT: 18.213 min Scan# 2597
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

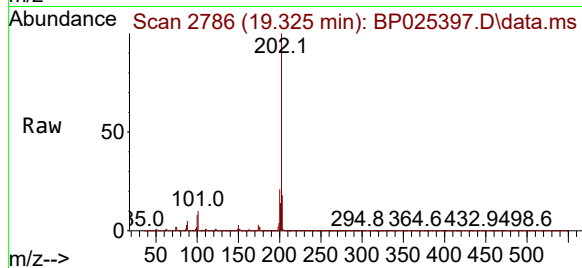
Tgt Ion:149 Resp: 2589522
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.0
104 4.7 4.2 6.2





#75
Fluoranthene
Concen: 51.910 ng
RT: 19.325 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

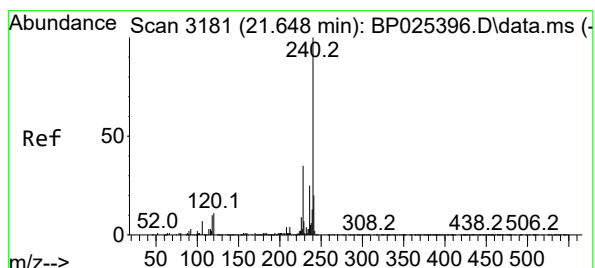
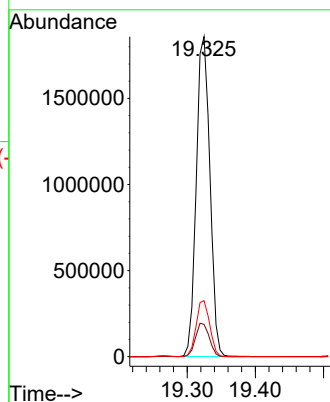
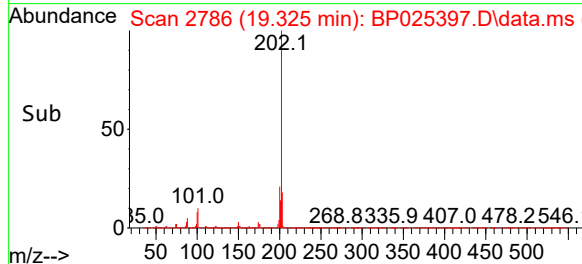
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:202 Resp: 256370
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.1
203 17.5 0.0 37.3

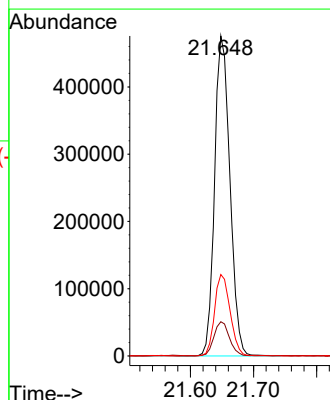
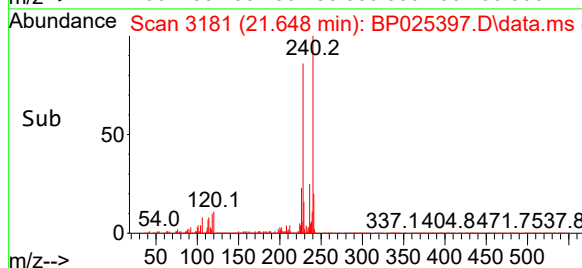
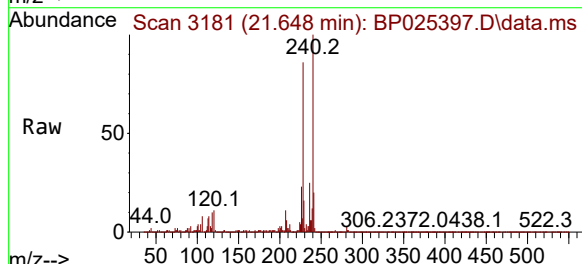
Manual Integrations
APPROVED

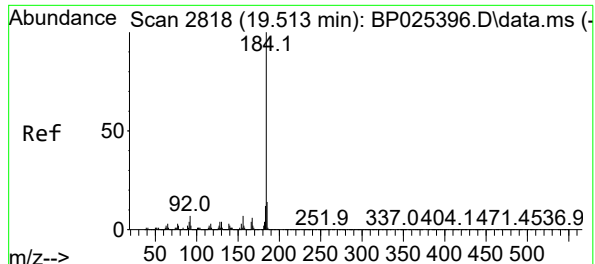
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.648 min Scan# 3181
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

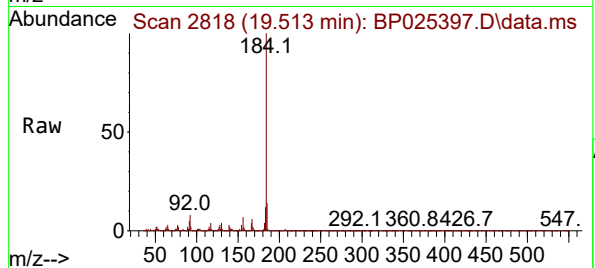
Tgt Ion:240 Resp: 801742
Ion Ratio Lower Upper
240 100
120 10.7 8.9 13.3
236 25.5 19.8 29.8





#77
Benzidine
Concen: 48.615 ng
RT: 19.513 min Scan# 2818
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

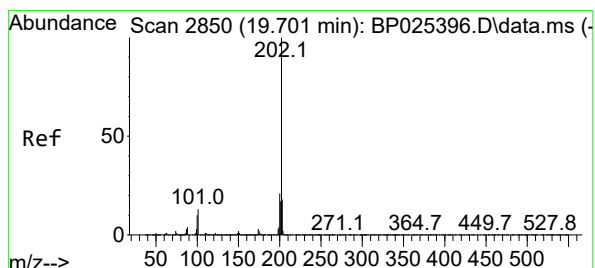
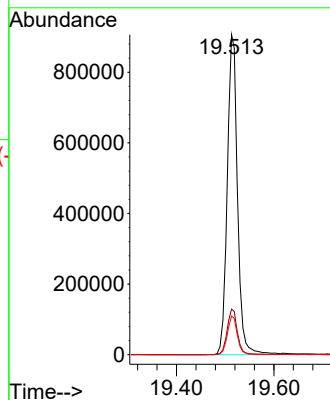
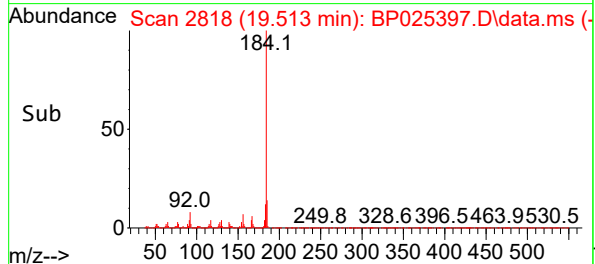
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:184 Resp: 1330198
Ion Ratio Lower Upper
184 100
185 14.2 11.5 17.3
183 12.1 9.4 14.2

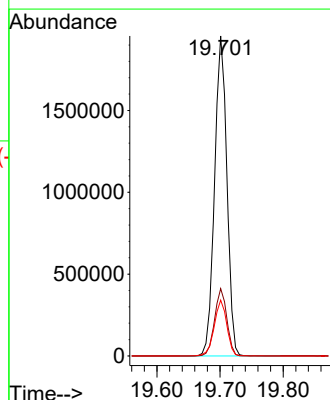
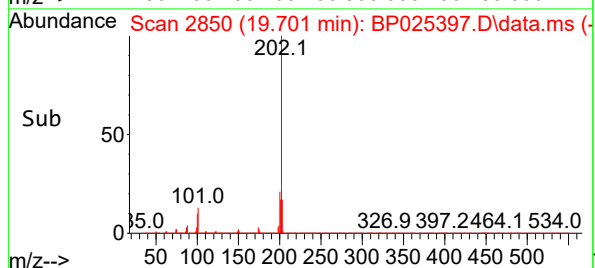
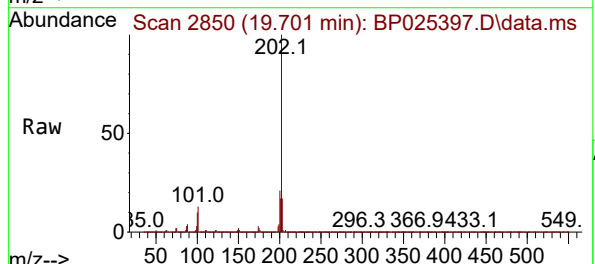
Manual Integrations
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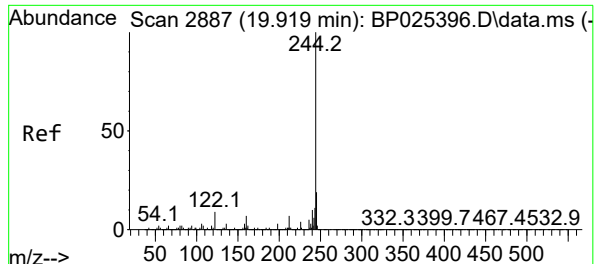
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#78
Pyrene
Concen: 50.754 ng
RT: 19.701 min Scan# 2850
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

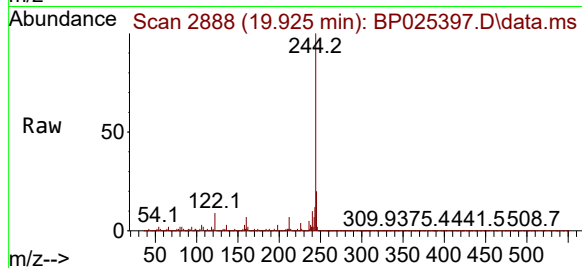
Tgt Ion:202 Resp: 2644850
Ion Ratio Lower Upper
202 100
200 21.0 16.9 25.3
203 17.4 14.2 21.2





#79
Terphenyl-d14
Concen: 100.615 ng
RT: 19.925 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

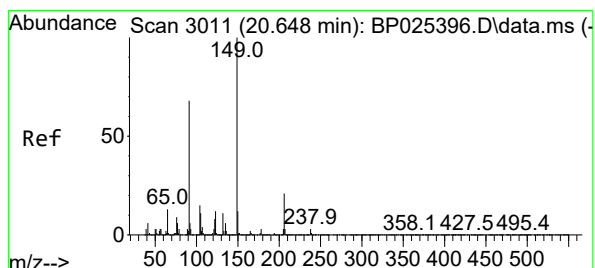
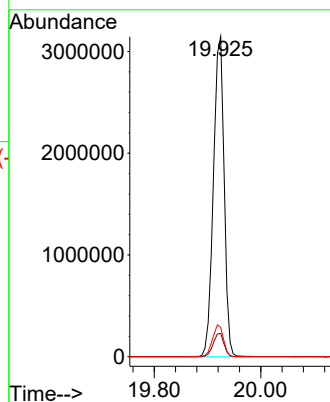
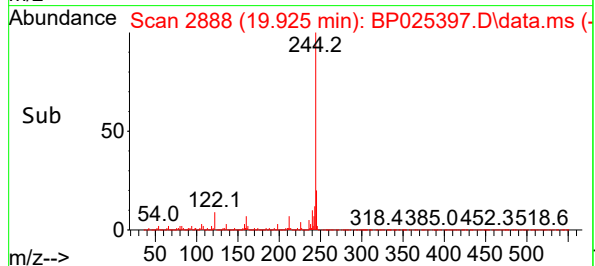
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:244 Resp: 4409094
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 9.2 7.4 11.2

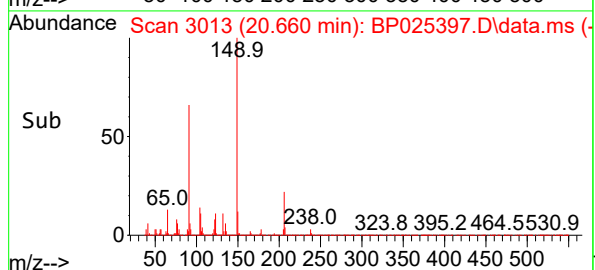
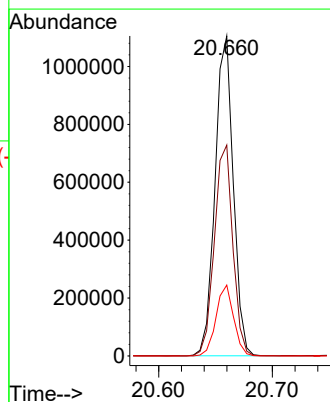
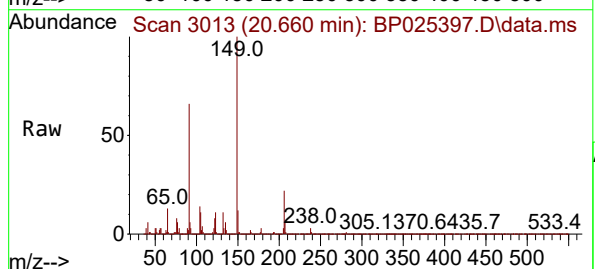
Manual Integrations
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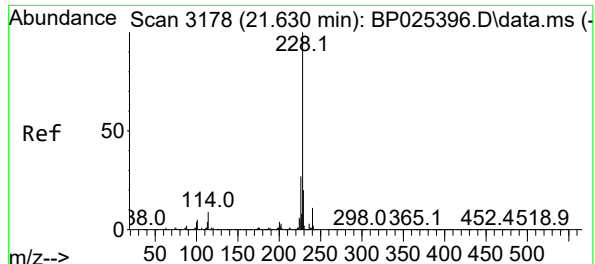
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#80
Butylbenzylphthalate
Concen: 52.139 ng
RT: 20.660 min Scan# 3013
Delta R.T. 0.012 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

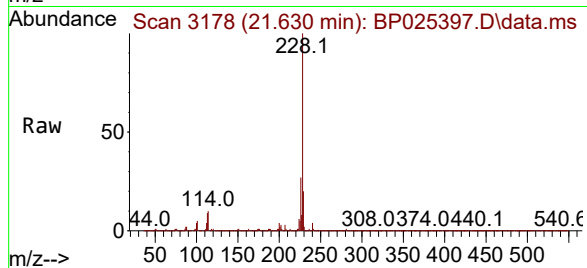
Tgt Ion:149 Resp: 1231376
Ion Ratio Lower Upper
149 100
91 65.9 54.2 81.2
206 22.2 16.6 24.8





#81
Benzo(a)anthracene
Concen: 51.499 ng
RT: 21.630 min Scan# 3178
Delta R.T. 0.000 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

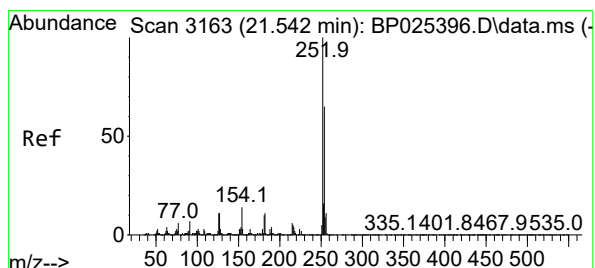
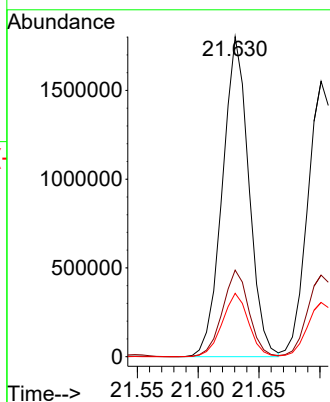
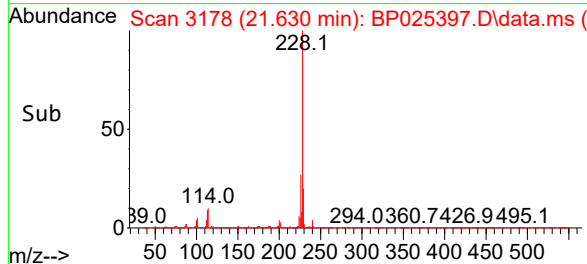
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



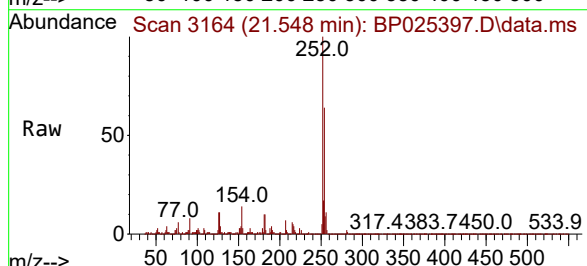
Tgt Ion:228 Resp: 2723000
Ion Ratio Lower Upper
228 100
226 27.0 21.7 32.5
229 19.8 15.6 23.4

Manual Integrations
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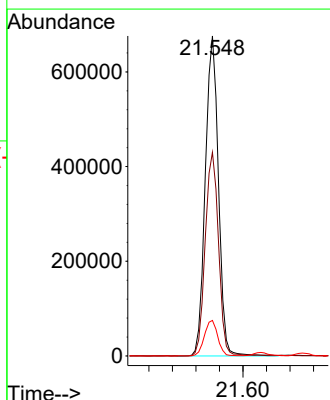
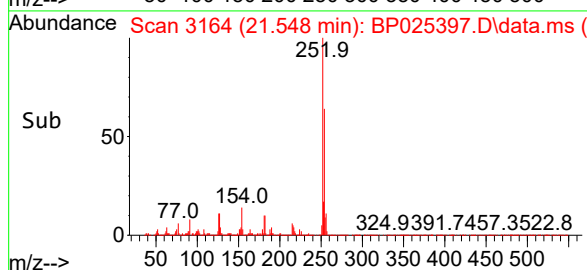
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

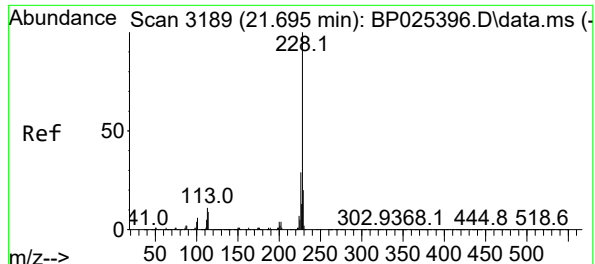


#82
3,3'-Dichlorobenzidine
Concen: 52.357 ng
RT: 21.548 min Scan# 3164
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01



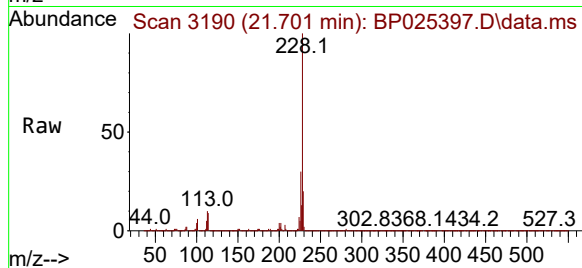
Tgt Ion:252 Resp: 1043476
Ion Ratio Lower Upper
252 100
254 63.7 51.8 77.6
126 11.1 9.1 13.7





#83
Chrysene
Concen: 51.817 ng
RT: 21.701 min Scan# 3189
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

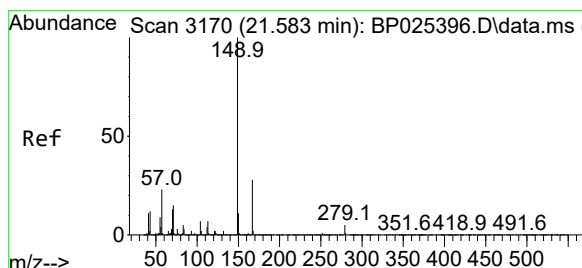
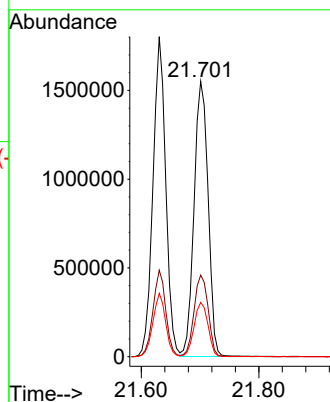
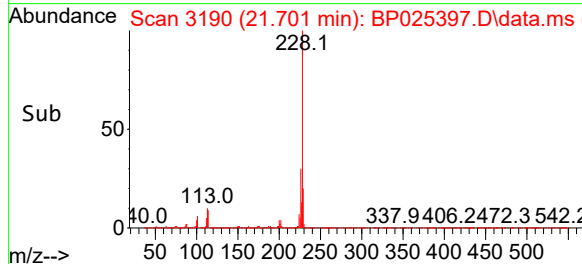
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:228 Resp: 2565850
Ion Ratio Lower Upper
228 100
226 29.6 23.2 34.8
229 19.7 15.6 23.4

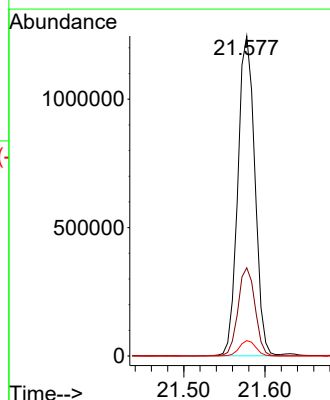
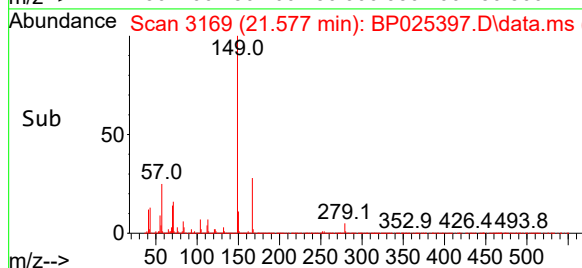
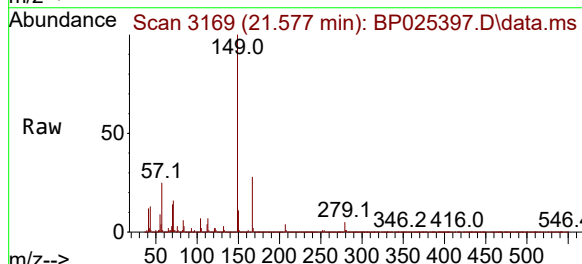
Manual Integrations
APPROVED

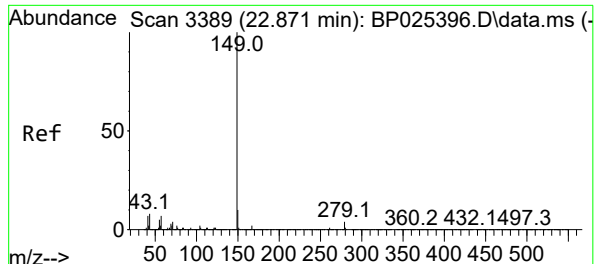
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 51.933 ng
RT: 21.577 min Scan# 3169
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

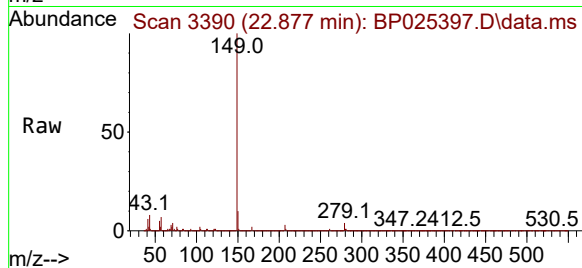
Tgt Ion:149 Resp: 1805478
Ion Ratio Lower Upper
149 100
167 27.6 22.1 33.1
279 4.8 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 52.690 ng
RT: 22.877 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

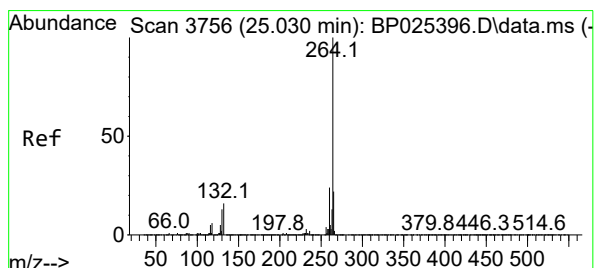
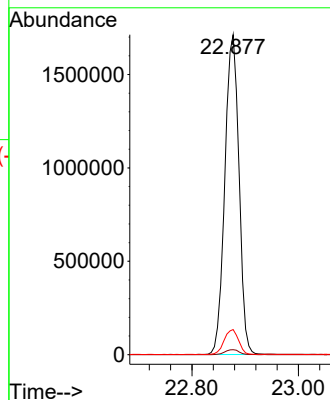
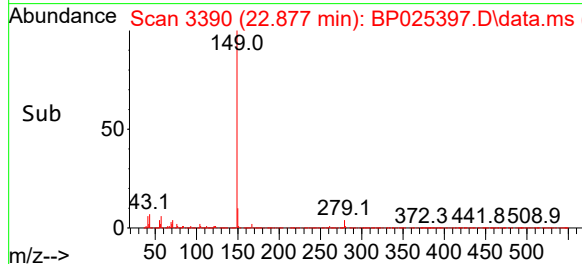
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:149 Resp: 3150824
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.9 6.3 9.5

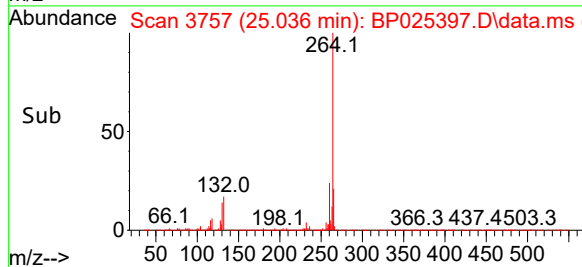
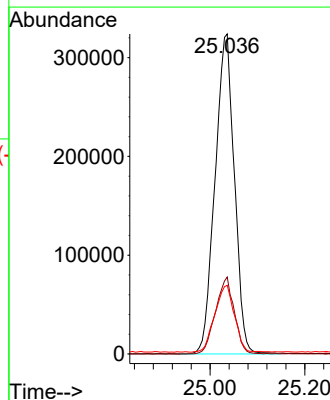
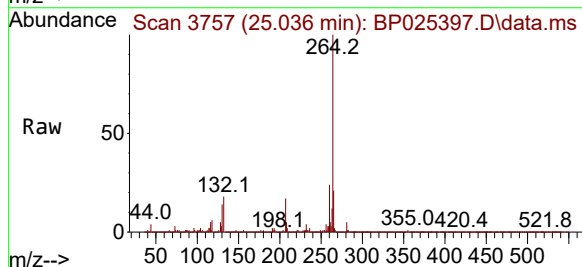
Manual Integrations
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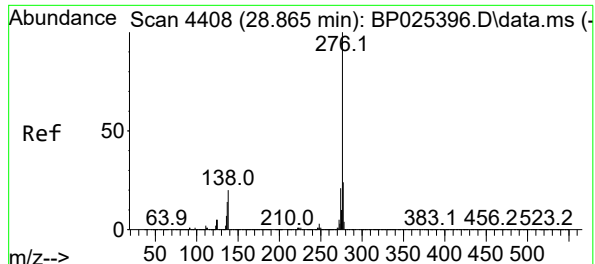
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.036 min Scan# 3757
Delta R.T. 0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

Tgt Ion:264 Resp: 918939
Ion Ratio Lower Upper
264 100
260 24.1 19.3 28.9
265 21.5 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.463 ng m

RT: 28.859 min Scan# 4408

Delta R.T. -0.006 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:276 Resp: 3604179

Ion Ratio Lower Upper

276 100

138 8.3 12.9 19.3

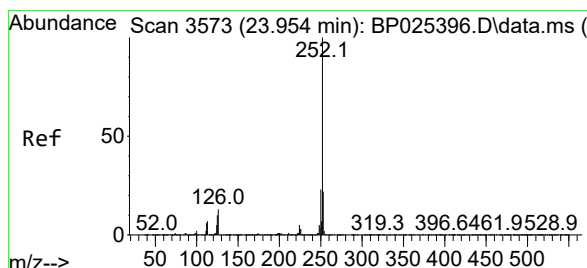
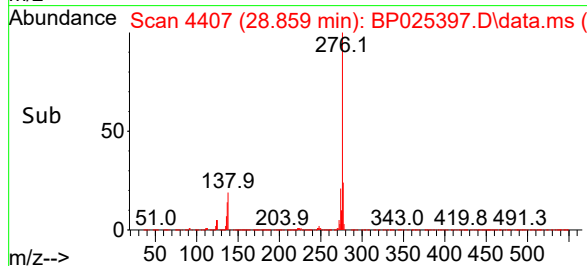
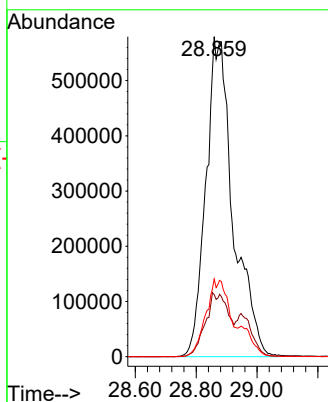
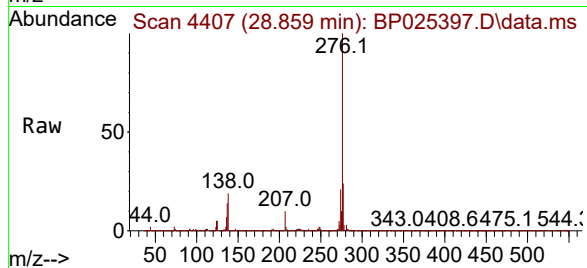
277 9.7 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#88

Benzo(b)fluoranthene

Concen: 52.982 ng

RT: 23.960 min Scan# 3574

Delta R.T. 0.006 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

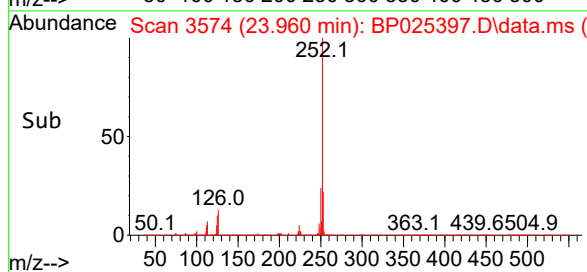
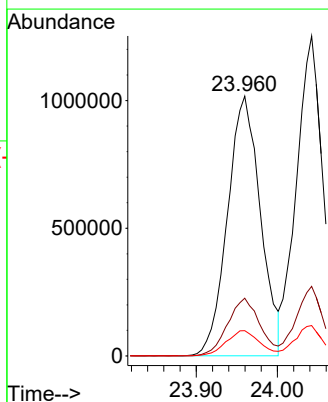
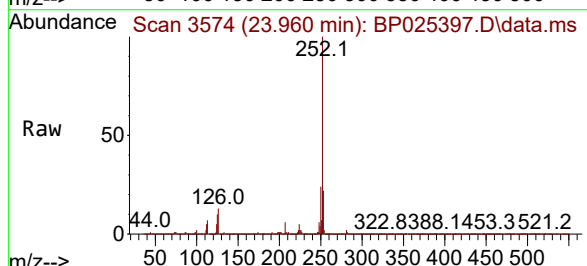
Tgt Ion:252 Resp: 2870971

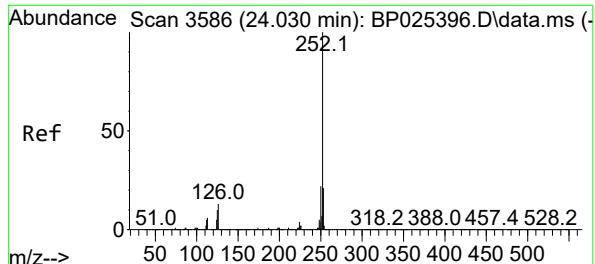
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 9.8 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 51.956 ng

RT: 24.042 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:252 Resp: 2817270

Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

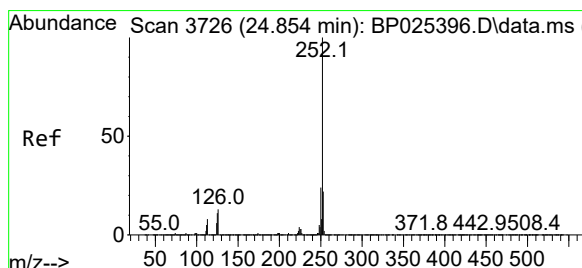
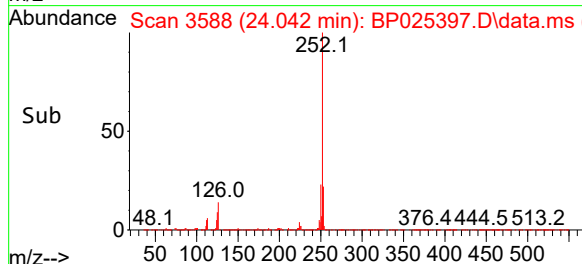
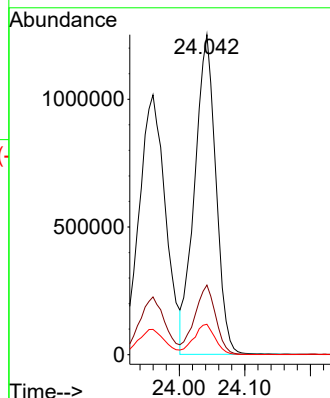
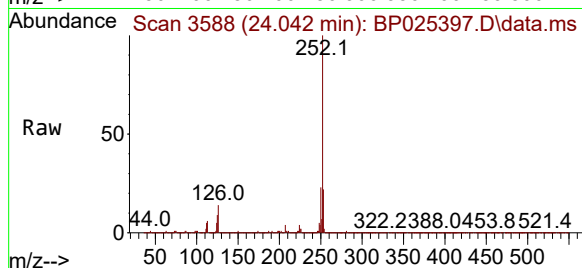
125 9.5 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#90

Benzo(a)pyrene

Concen: 53.100 ng

RT: 24.877 min Scan# 3730

Delta R.T. 0.024 min

Lab File: BP025397.D

Acq: 14 Aug 2025 16:01

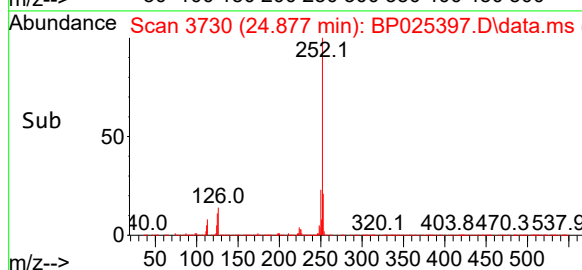
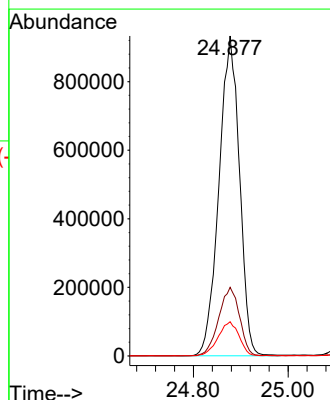
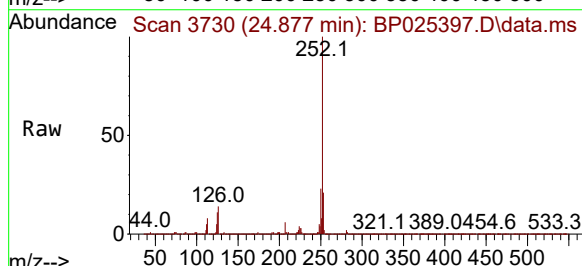
Tgt Ion:252 Resp: 2800880

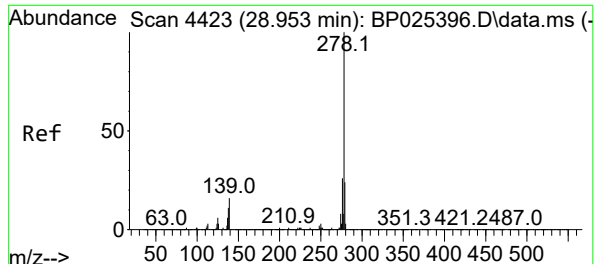
Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

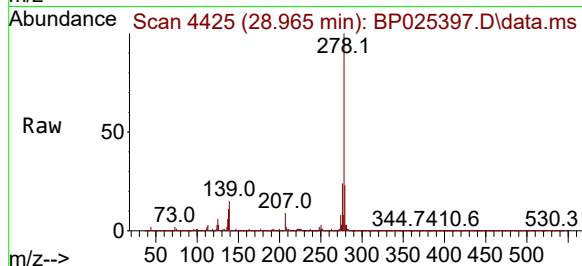
125 10.7 8.7 13.1





#91
Dibenzo(a,h)anthracene
Concen: 53.795 ng
RT: 28.965 min Scan# 4423
Delta R.T. 0.012 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01

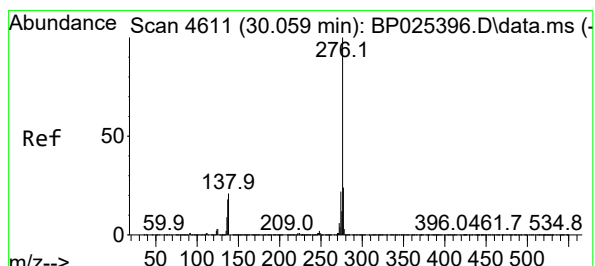
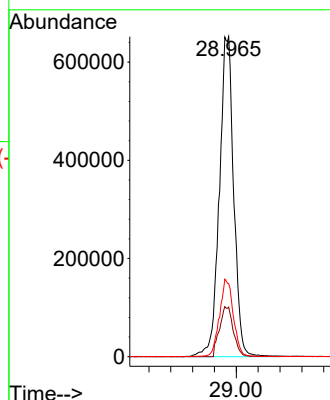
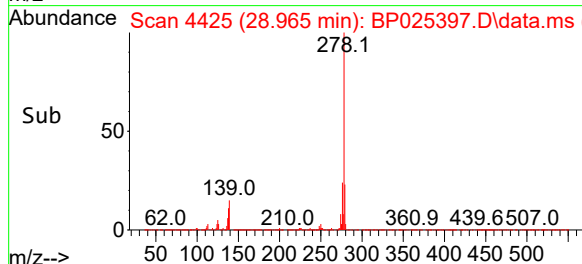
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



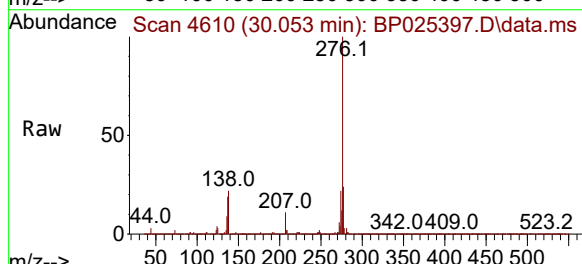
Tgt Ion: 278 Resp: 296262
Ion Ratio Lower Upper
278 100
139 15.5 13.0 19.4
279 22.9 19.4 29.2

Manual Integrations
APPROVED

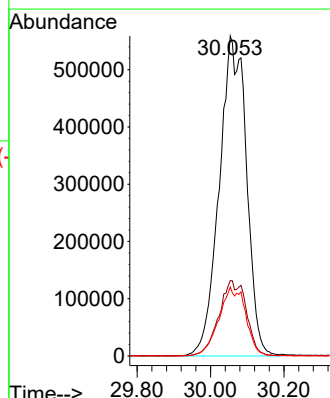
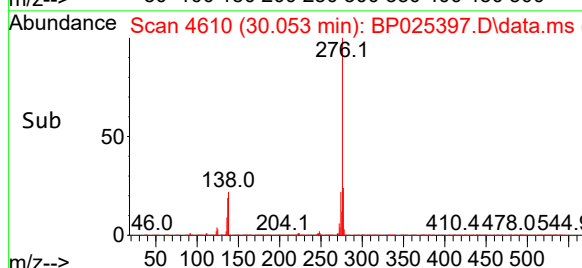
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#92
Benzo(g,h,i)perylene
Concen: 52.960 ng m
RT: 30.053 min Scan# 4610
Delta R.T. -0.006 min
Lab File: BP025397.D
Acq: 14 Aug 2025 16:01



Tgt Ion: 276 Resp: 2866689
Ion Ratio Lower Upper
276 100
277 23.5 19.4 29.0
138 21.6 16.7 25.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025398.D
 Acq On : 14 Aug 2025 16:42
 Operator : CG/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC060

Quant Time: Aug 14 17:58:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 17:44:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	162248	20.000	ng	0.00
21) Naphthalene-d8	10.566	136	693237	20.000	ng	0.00
39) Acenaphthene-d10	14.413	164	460439	20.000	ng	0.00
64) Phenanthrene-d10	17.213	188	923402	20.000	ng	0.01
76) Chrysene-d12	21.666	240	926019	20.000	ng	0.02
86) Perylene-d12	25.042	264	1081163	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1193329	122.144	ng	0.00
7) Phenol-d6	6.972	99	1566626	125.072	ng	0.00
23) Nitrobenzene-d5	8.931	82	1698557	123.944	ng	0.00
42) 2,4,6-Tribromophenol	15.925	330	760738	122.748	ng	0.01
45) 2-Fluorobiphenyl	13.025	172	3963871	117.656	ng	0.00
79) Terphenyl-d14	19.930	244	5896004	116.490	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.337	88	225015	58.799	ng	99
3) Pyridine	3.731	79	623639	59.539	ng	97
4) n-Nitrosodimethylamine	3.637	42	269971	62.518	ng	100
6) Aniline	7.125	93	1053232	62.408	ng	99
8) 2-Chlorophenol	7.366	128	688094	62.413	ng	100
9) Benzaldehyde	6.943	77	489205	55.745	ng	97
10) Phenol	7.002	94	821863	62.530	ng	98
11) bis(2-Chloroethyl)ether	7.219	93	634374	61.925	ng	99
12) 1,3-Dichlorobenzene	7.684	146	744884	61.273	ng	99
13) 1,4-Dichlorobenzene	7.825	146	751354	60.469	ng	100
14) 1,2-Dichlorobenzene	8.143	146	723663	60.165	ng	99
15) Benzyl Alcohol	8.025	79	627198	63.019	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.313	45	846896	61.712	ng	99
17) 2-Methylphenol	8.225	107	579471	63.480	ng	99
18) Hexachloroethane	8.866	117	281129	61.535	ng	95
19) n-Nitroso-di-n-propyla...	8.590	70	507223	61.060	ng	98
20) 3+4-Methylphenols	8.555	107	798107	63.075	ng	96
22) Acetophenone	8.602	105	1051848	60.503	ng	# 99
24) Nitrobenzene	8.978	77	752762	61.461	ng	98
25) Isophorone	9.502	82	1475193	60.825	ng	99
26) 2-Nitrophenol	9.678	139	405821	64.564	ng	98
27) 2,4-Dimethylphenol	9.743	122	675186	62.463	ng	100
28) bis(2-Chloroethoxy)met...	9.972	93	894872	61.040	ng	99
29) 2,4-Dichlorophenol	10.213	162	673952	62.764	ng	99
30) 1,2,4-Trichlorobenzene	10.425	180	715954	60.823	ng	98
31) Naphthalene	10.613	128	2187912	60.722	ng	100
32) Benzoic acid	9.907	122	530609	66.651	ng	98
33) 4-Chloroaniline	10.713	127	993155	62.401	ng	99
34) Hexachlorobutadiene	10.901	225	442929	60.421	ng	100
35) Caprolactam	11.513	113	241521	61.340	ng	95
36) 4-Chloro-3-methylphenol	11.843	107	764338	62.033	ng	98
37) 2-Methylnaphthalene	12.219	142	1418882	60.511	ng	99
38) 1-Methylnaphthalene	12.437	142	1494304	59.925	ng	100
40) 1,2,4,5-Tetrachloroben...	12.590	216	802737	60.365	ng	100
41) Hexachlorocyclopentadiene	12.572	237	536440	66.784	ng	99
43) 2,4,6-Trichlorophenol	12.831	196	564165	62.841	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025398.D
 Acq On : 14 Aug 2025 16:42
 Operator : CG/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC060

Quant Time: Aug 14 17:58:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 17:44:43 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	619246	62.937	ng	97
46) 1,1'-Biphenyl	13.237	154	1996186	59.695	ng	99
47) 2-Chloronaphthalene	13.272	162	1577577	60.600	ng	99
48) 2-Nitroaniline	13.472	65	485429	63.996	ng	100
49) Acenaphthylene	14.131	152	2634005	61.147	ng	99
50) Dimethylphthalate	13.866	163	2042324	60.572	ng	99
51) 2,6-Dinitrotoluene	13.972	165	446520	62.831	ng	100
52) Acenaphthene	14.478	154	1527191	60.399	ng	100
53) 3-Nitroaniline	14.301	138	506373	63.331	ng	96
54) 2,4-Dinitrophenol	14.519	184	265089	69.849	ng	98
55) Dibenzofuran	14.819	168	2387933	59.734	ng	100
56) 4-Nitrophenol	14.625	139	419801	63.893	ng	99
57) 2,4-Dinitrotoluene	14.778	165	650054	64.112	ng	96
58) Fluorene	15.478	166	1836972	58.236	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.042	232	541317	62.307	ng	100
60) Diethylphthalate	15.254	149	2015888	58.840	ng	99
61) 4-Chlorophenyl-phenyle...	15.472	204	926280	59.044	ng	99
62) 4-Nitroaniline	15.489	138	510438	62.272	ng	99
63) Azobenzene	15.766	77	1796580	61.242	ng	99
65) 4,6-Dinitro-2-methylph...	15.554	198	385873	67.038	ng	98
66) n-Nitrosodiphenylamine	15.684	169	1674806	59.478	ng	99
67) 4-Bromophenyl-phenylether	16.378	248	616767	60.731	ng	97
68) Hexachlorobenzene	16.501	284	711778	60.461	ng	100
69) Atrazine	16.666	200	633381	60.063	ng	99
70) Pentachlorophenol	16.854	266	474276	63.820	ng	97
71) Phenanthrene	17.260	178	3006132	59.263	ng	100
72) Anthracene	17.342	178	3050794	58.895	ng	99
73) Carbazole	17.625	167	2916606	59.776	ng	99
74) Di-n-butylphthalate	18.219	149	3560427	59.310	ng	100
75) Fluoranthene	19.342	202	3563798	58.899	ng	99
77) Benzidine	19.525	184	1690432	53.489	ng	99
78) Pyrene	19.713	202	3664453	60.883	ng	100
80) Butylbenzylphthalate	20.660	149	1710246	62.697	ng	99
81) Benzo(a)anthracene	21.648	228	3702064	60.619	ng	99
82) 3,3'-Dichlorobenzidine	21.554	252	1405597	61.062	ng	100
83) Chrysene	21.707	228	3453736	60.387	ng	99
84) Bis(2-ethylhexyl)phtha...	21.583	149	2450963	61.038	ng	100
85) Di-n-octyl phthalate	22.883	149	4342211	62.869	ng	100
87) Indeno(1,2,3-cd)pyrene	28.901	276	4937235	62.248	ng	96
88) Benzo(b)fluoranthene	23.960	252	3883465	60.914	ng	99
89) Benzo(k)fluoranthene	24.036	252	3912900	61.334	ng	99
90) Benzo(a)pyrene	24.883	252	3845093	61.959	ng	99
91) Dibenzo(a,h)anthracene	28.977	278	4035414	62.280	ng	98
92) Benzo(g,h,i)perylene	30.083	276	3958545	62.159	ng	100

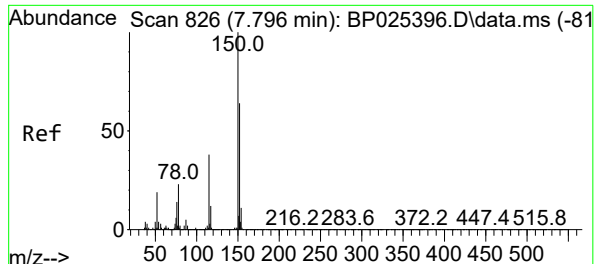
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Abundance

TIC: BP025398.D\data.ms

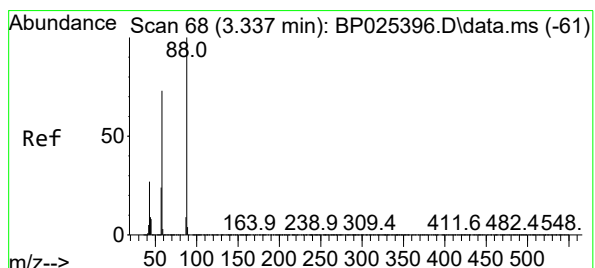
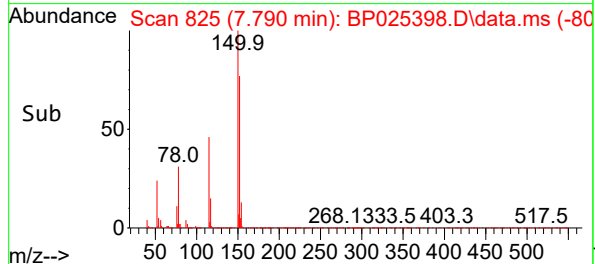
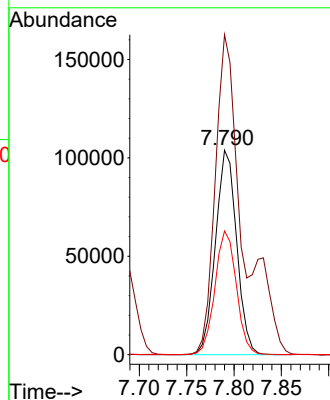
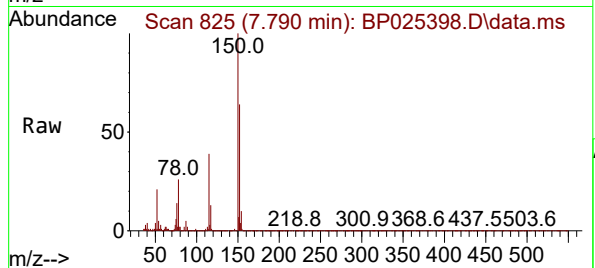
Time-->



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

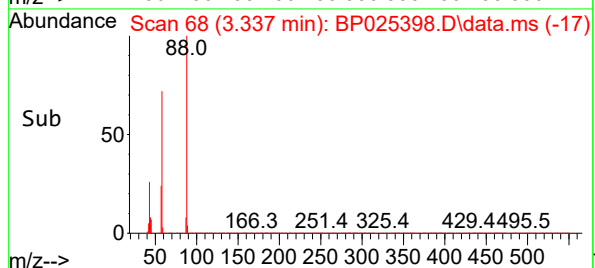
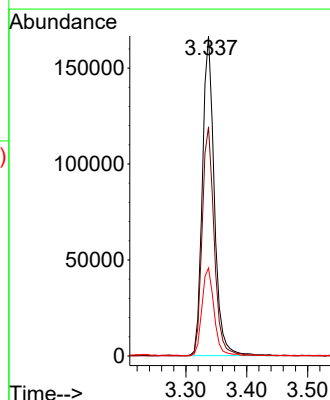
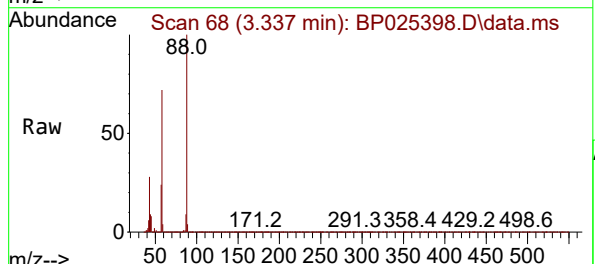
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

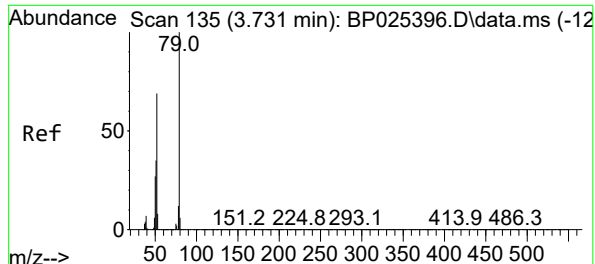
Tgt Ion:152 Resp: 162248
Ion Ratio Lower Upper
152 100
150 156.4 125.9 188.9
115 60.5 48.5 72.7



#2
1,4-Dioxane
Concen: 58.799 ng
RT: 3.337 min Scan# 68
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion: 88 Resp: 225015
Ion Ratio Lower Upper
88 100
58 73.0 59.2 88.8
43 27.9 21.7 32.5





#3

Pyridine

Concen: 59.539 ng

RT: 3.731 min Scan# 119

Delta R.T. 0.000 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

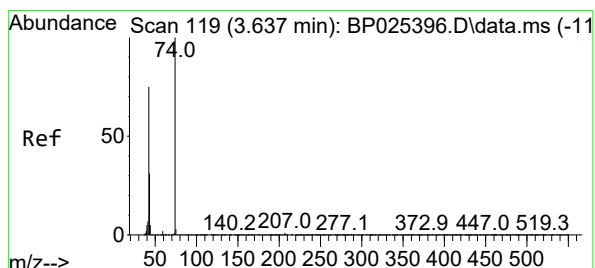
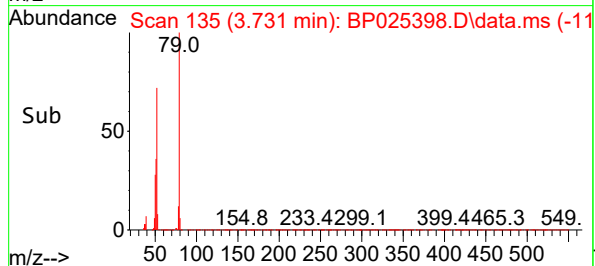
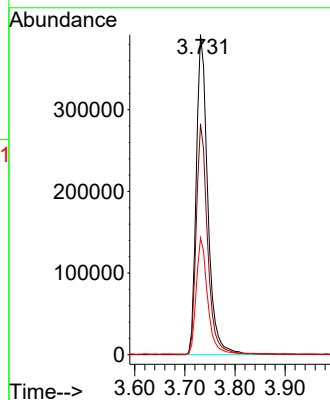
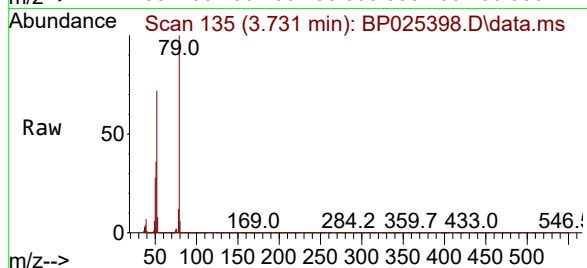
Tgt Ion: 79 Resp: 623639

Ion Ratio Lower Upper

79 100

52 72.1 55.5 83.3

51 36.5 28.3 42.5



#4

n-Nitrosodimethylamine

Concen: 62.518 ng

RT: 3.637 min Scan# 119

Delta R.T. 0.000 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

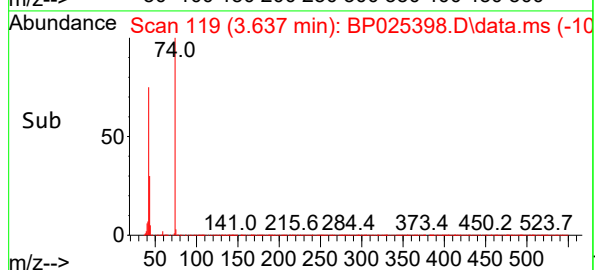
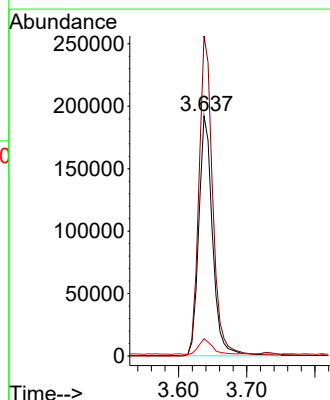
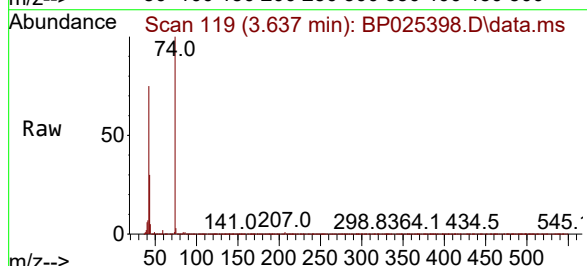
Tgt Ion: 42 Resp: 269971

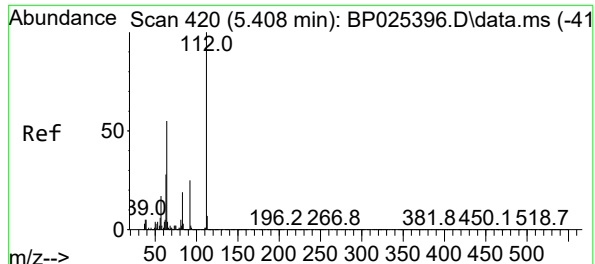
Ion Ratio Lower Upper

42 100

74 133.4 107.0 160.4

44 7.2 6.2 9.4





#5

2-Fluorophenol

Concen: 122.144 ng

RT: 5.408 min Scan# 41

Delta R.T. 0.000 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

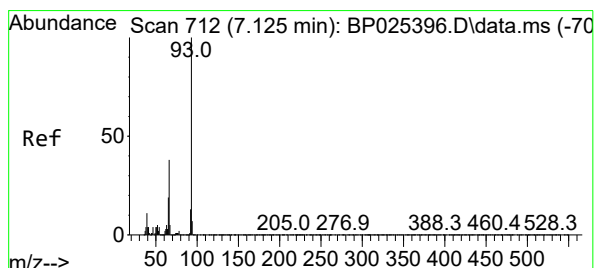
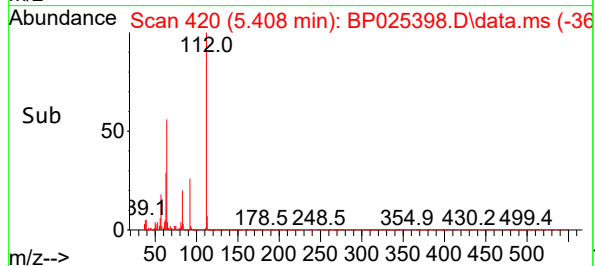
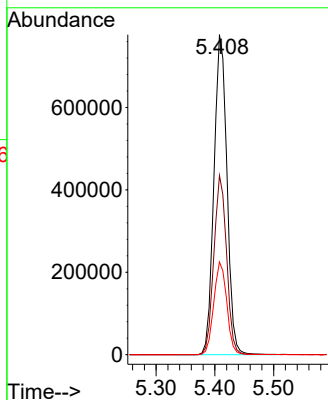
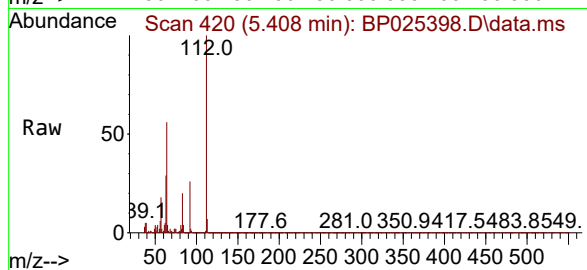
Tgt Ion:112 Resp: 1193329

Ion Ratio Lower Upper

112 100

64 56.0 43.8 65.8

63 29.0 22.7 34.1



#6

Aniline

Concen: 62.408 ng

RT: 7.125 min Scan# 712

Delta R.T. 0.000 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

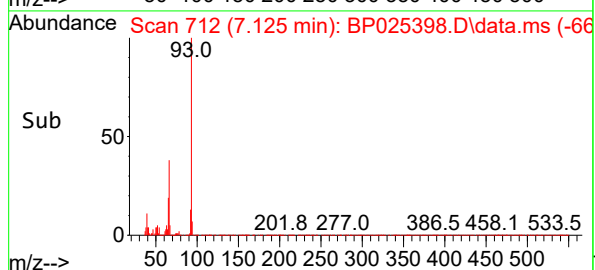
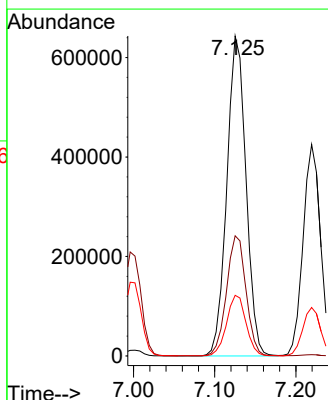
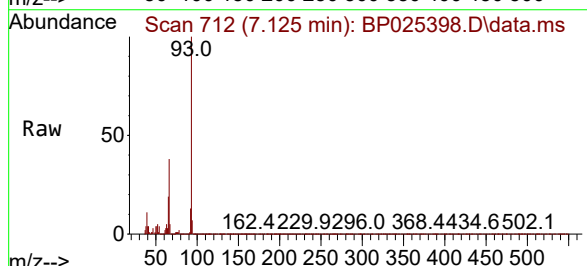
Tgt Ion: 93 Resp: 1053232

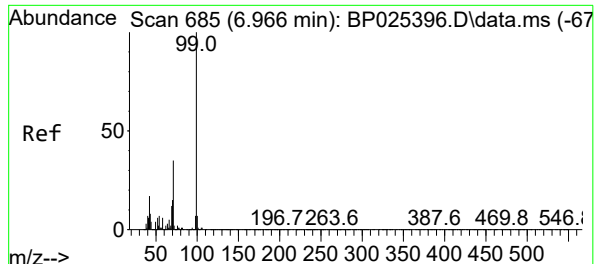
Ion Ratio Lower Upper

93 100

66 37.5 30.4 45.6

65 18.9 15.3 22.9





#7

Phenol-d6

Concen: 125.072 ng

RT: 6.972 min Scan# 685

Delta R.T. 0.006 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

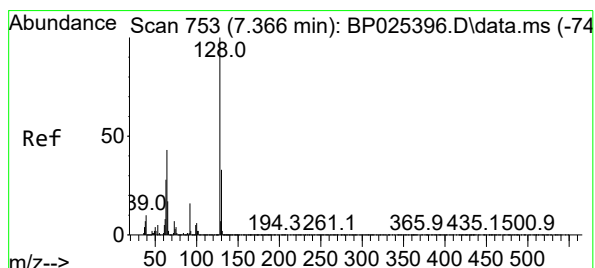
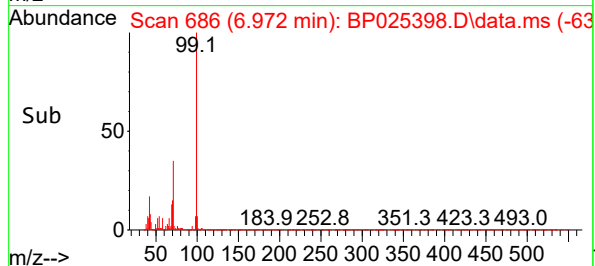
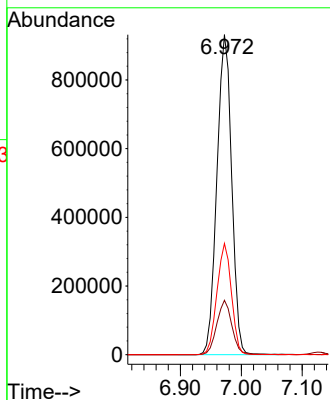
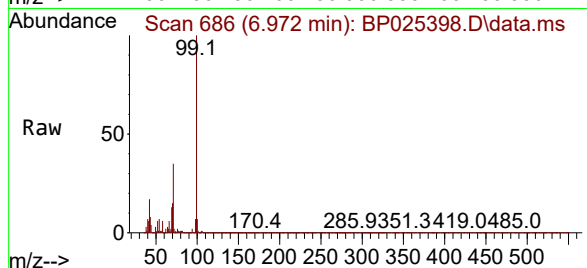
Tgt Ion: 99 Resp: 1566626

Ion Ratio Lower Upper

99 100

42 17.0 13.7 20.5

71 34.8 28.2 42.4



#8

2-Chlorophenol

Concen: 62.413 ng

RT: 7.366 min Scan# 753

Delta R.T. 0.000 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

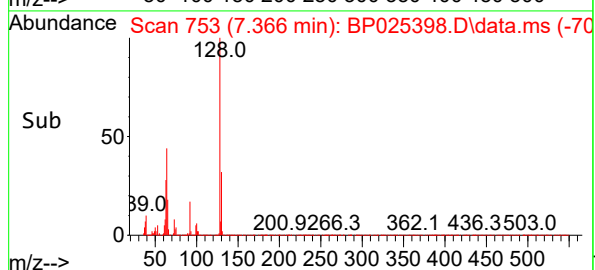
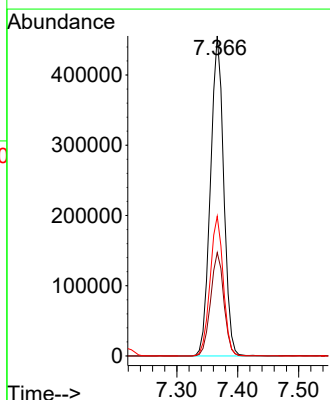
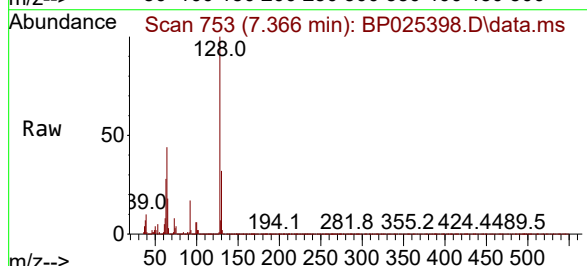
Tgt Ion:128 Resp: 688094

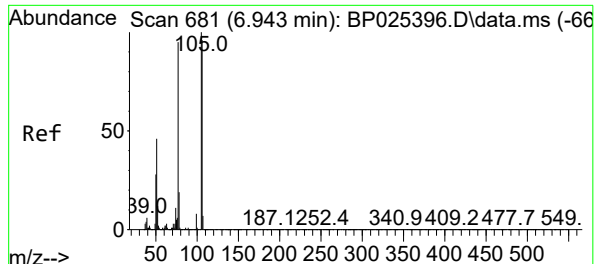
Ion Ratio Lower Upper

128 100

130 32.3 12.6 52.6

64 43.7 23.4 63.4

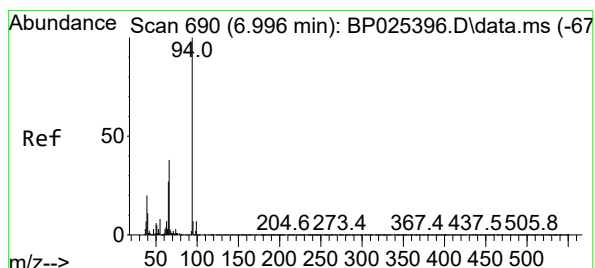
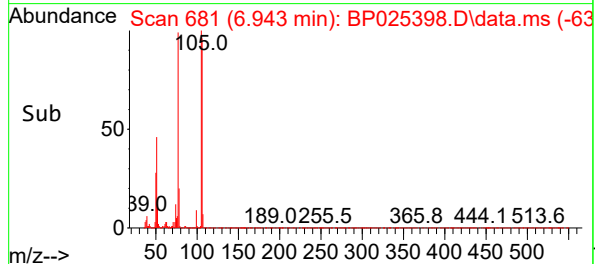
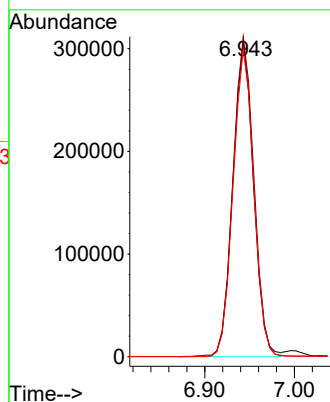
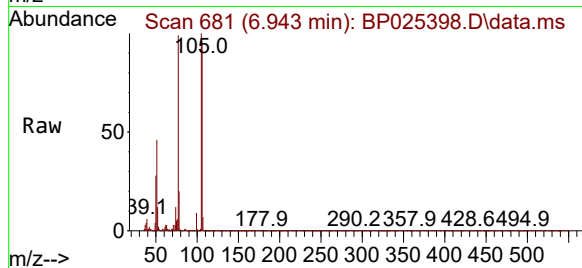




#9
Benzaldehyde
Concen: 55.745 ng
RT: 6.943 min Scan# 681
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

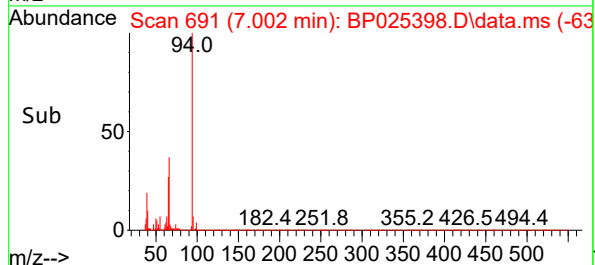
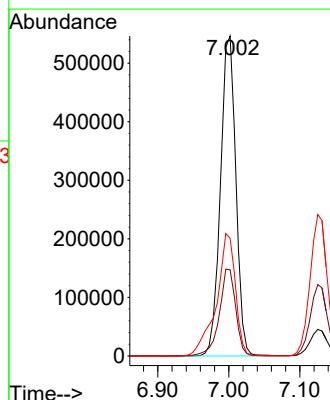
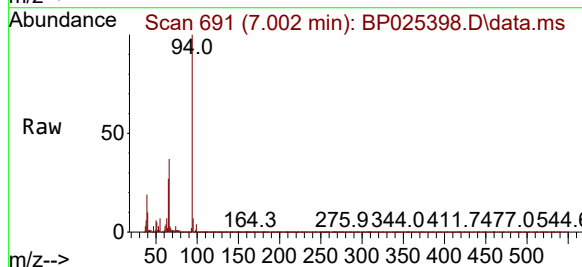
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

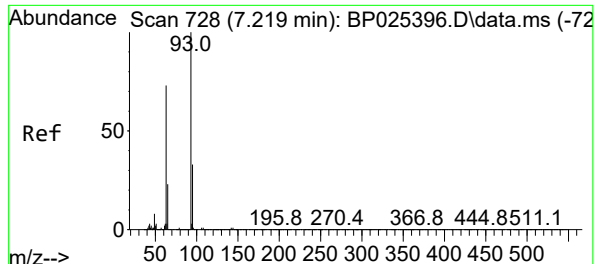
Tgt Ion: 77 Resp: 489205
Ion Ratio Lower Upper
77 100
105 101.4 84.8 124.8
106 97.4 80.5 120.5



#10
Phenol
Concen: 62.530 ng
RT: 7.002 min Scan# 691
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion: 94 Resp: 821863
Ion Ratio Lower Upper
94 100
65 26.9 6.8 46.8
66 36.8 18.2 58.2





#11

bis(2-Chloroethyl)ether

Concen: 61.925 ng

RT: 7.219 min Scan# 728

Delta R.T. 0.000 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

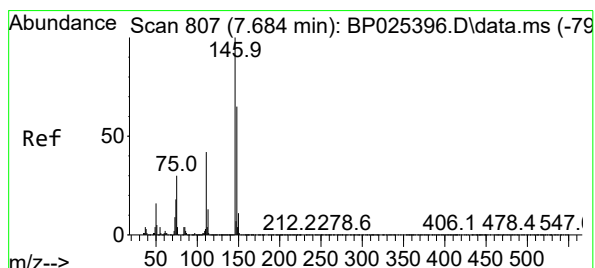
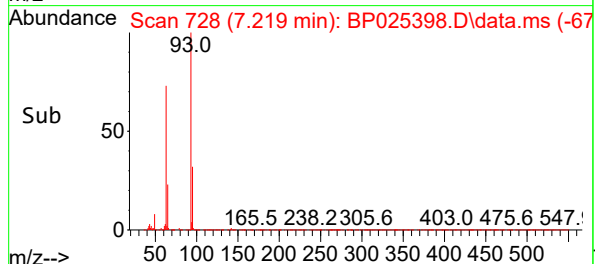
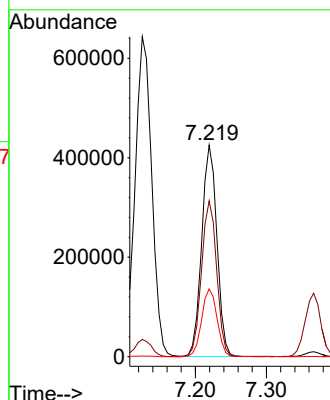
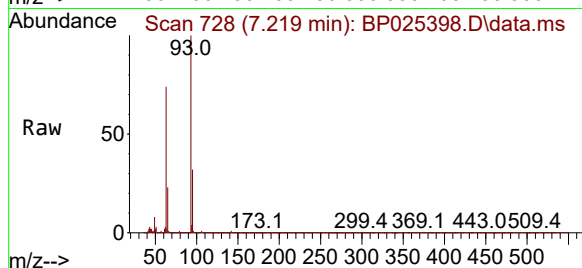
Tgt Ion: 93 Resp: 634374

Ion Ratio Lower Upper

93 100

63 73.6 52.6 92.6

95 32.0 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 61.273 ng

RT: 7.684 min Scan# 807

Delta R.T. 0.000 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

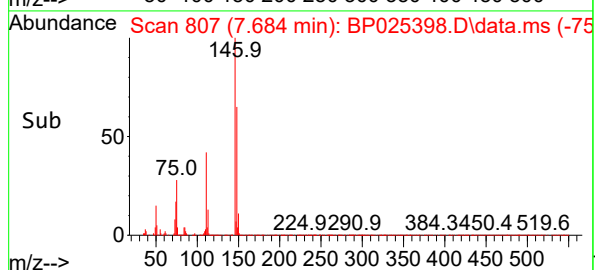
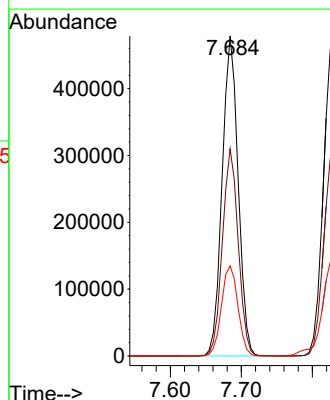
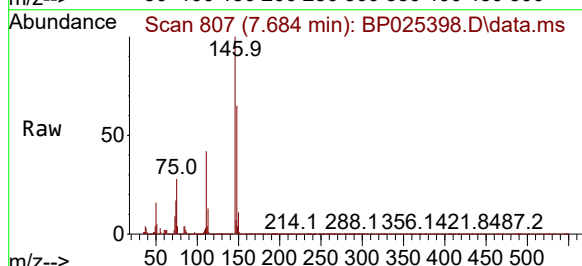
Tgt Ion: 146 Resp: 744884

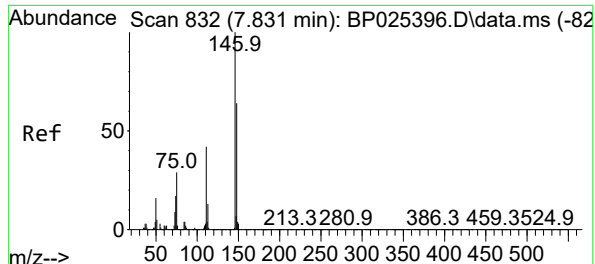
Ion Ratio Lower Upper

146 100

148 64.8 51.9 77.9

75 28.2 23.7 35.5





#13

1,4-Dichlorobenzene

Concen: 60.469 ng

RT: 7.825 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

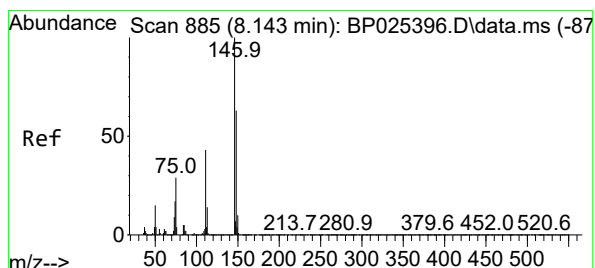
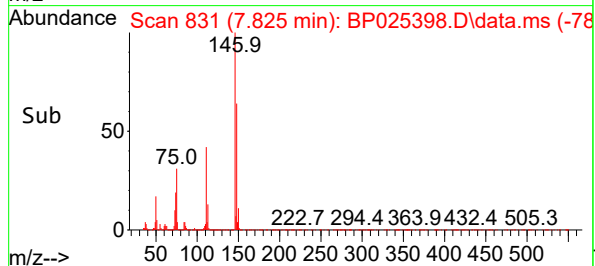
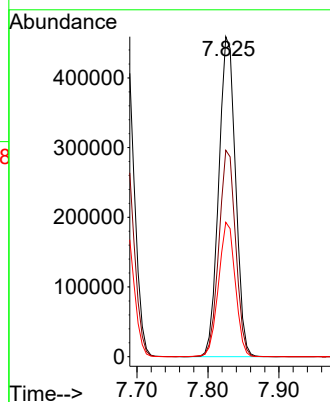
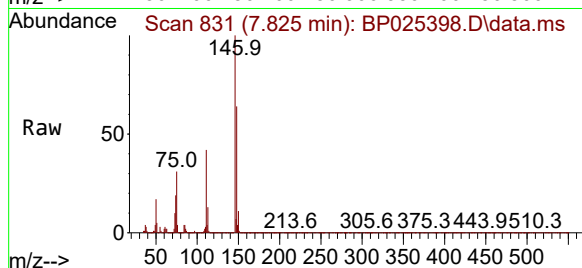
Tgt Ion:146 Resp: 751354

Ion Ratio Lower Upper

146 100

148 64.5 51.6 77.4

111 42.0 33.4 50.0



#14

1,2-Dichlorobenzene

Concen: 60.165 ng

RT: 8.143 min Scan# 885

Delta R.T. 0.000 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

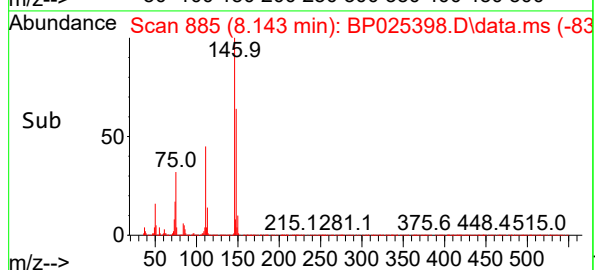
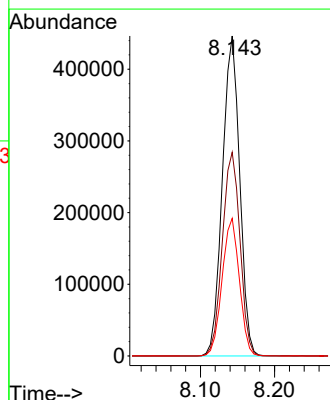
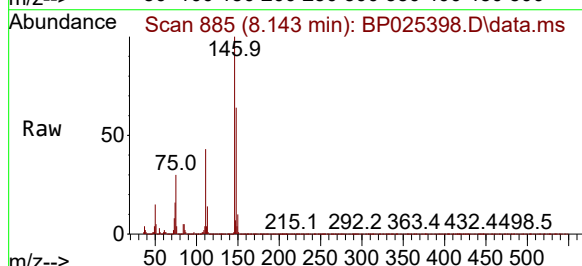
Tgt Ion:146 Resp: 723663

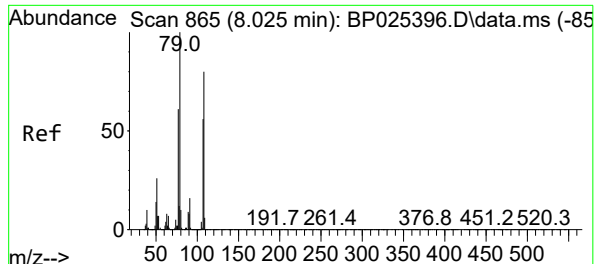
Ion Ratio Lower Upper

146 100

148 63.6 50.4 75.6

111 43.0 34.5 51.7





#15

Benzyl Alcohol

Concen: 63.019 ng

RT: 8.025 min Scan# 8

Delta R.T. 0.000 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

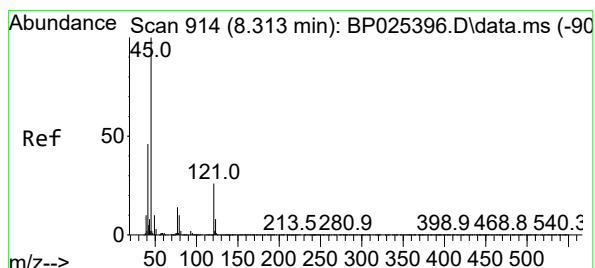
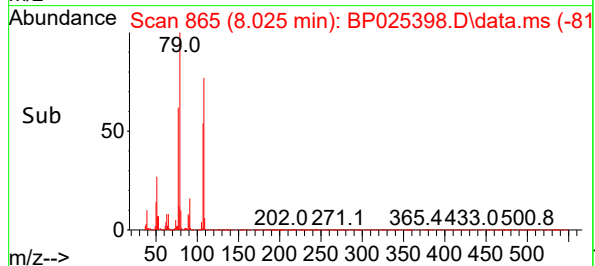
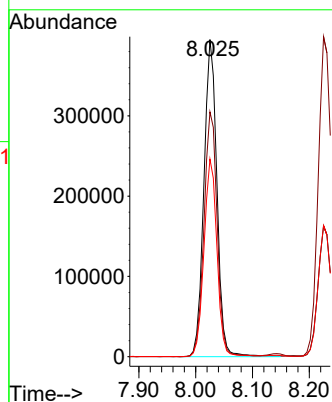
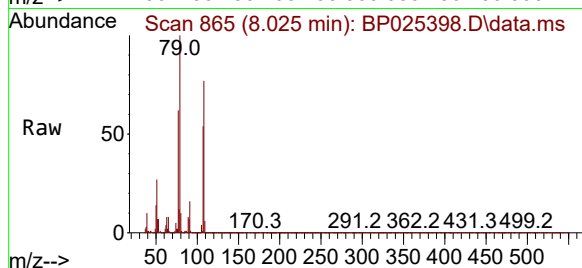
Tgt Ion: 79 Resp: 627198

Ion Ratio Lower Upper

79 100

108 77.2 63.8 95.6

77 62.3 49.0 73.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 61.712 ng

RT: 8.313 min Scan# 914

Delta R.T. 0.000 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

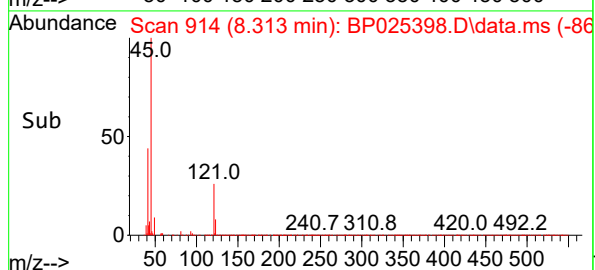
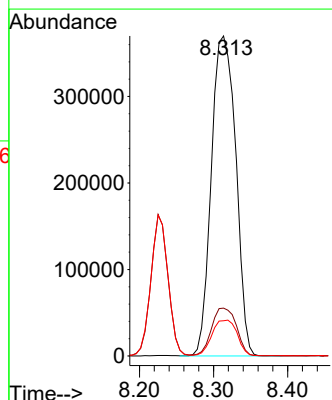
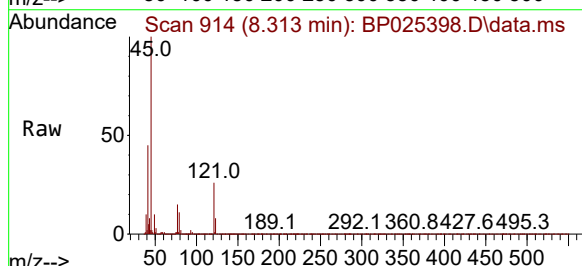
Tgt Ion: 45 Resp: 846896

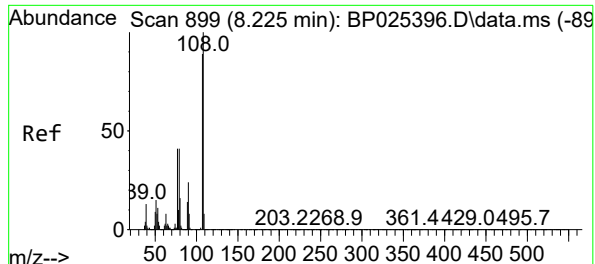
Ion Ratio Lower Upper

45 100

77 14.9 0.0 35.3

79 11.0 0.0 31.8





#17

2-Methylphenol

Concen: 63.480 ng

RT: 8.225 min Scan# 899

Delta R.T. 0.000 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:107 Resp: 579471

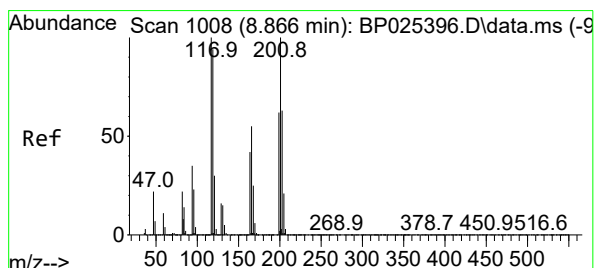
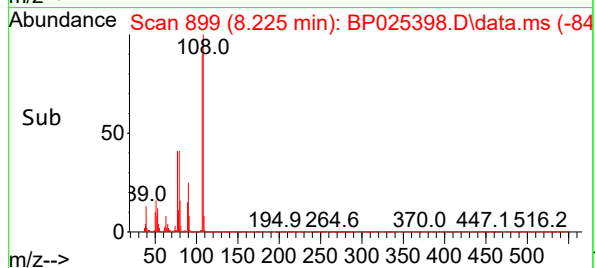
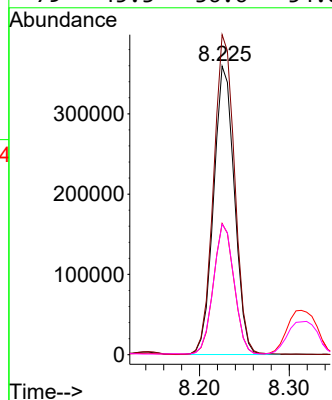
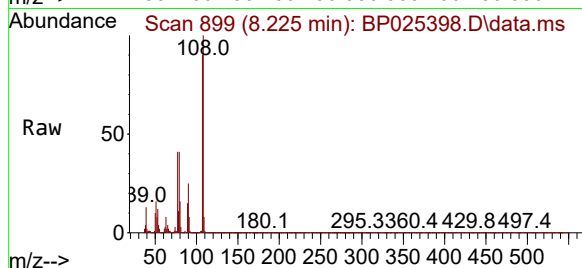
Ion Ratio Lower Upper

107 100

108 110.9 89.4 134.0

77 45.5 36.3 54.5

79 45.3 36.6 54.8



#18

Hexachloroethane

Concen: 61.535 ng

RT: 8.866 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

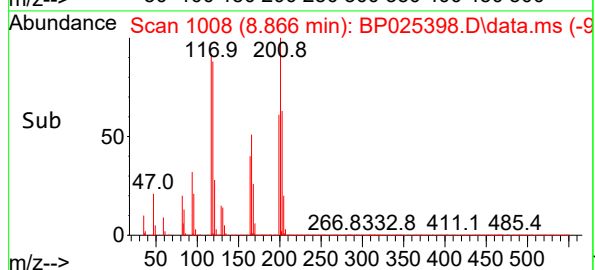
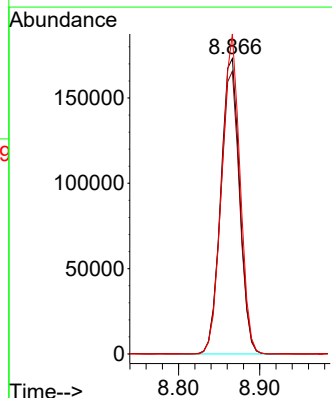
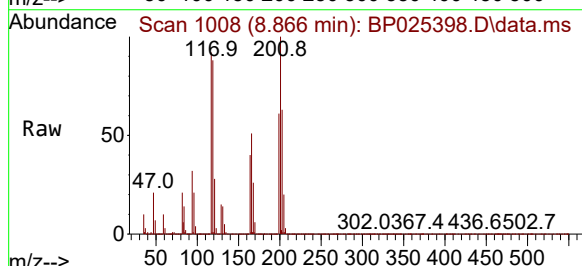
Tgt Ion:117 Resp: 281129

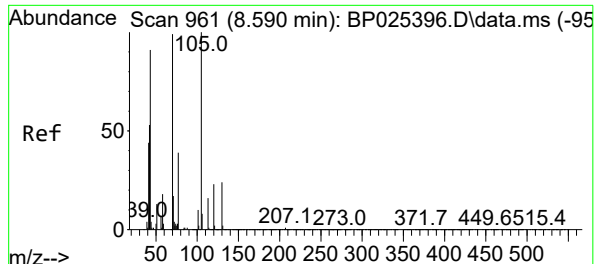
Ion Ratio Lower Upper

117 100

119 95.7 75.1 112.7

201 108.4 80.1 120.1





#19

n-Nitroso-di-n-propylamine

Concen: 61.060 ng

RT: 8.590 min Scan# 961

Delta R.T. 0.000 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion: 70 Resp: 507223

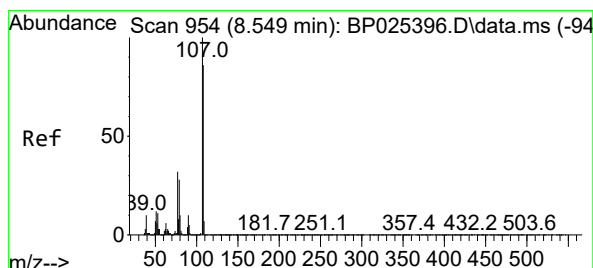
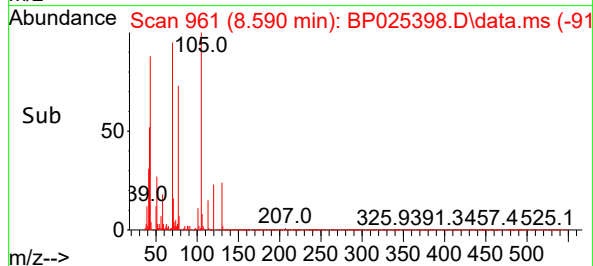
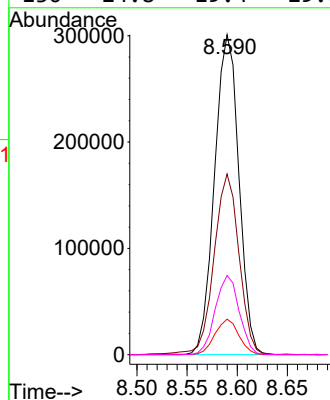
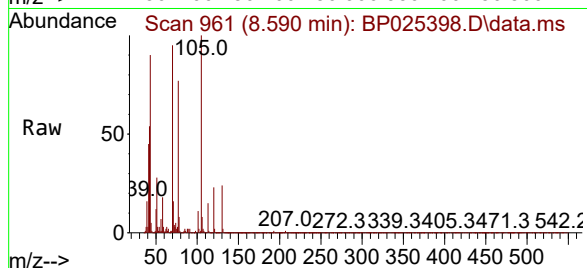
Ion Ratio Lower Upper

70 100

42 56.5 43.8 65.6

101 11.1 8.5 12.7

130 24.8 19.4 29.0



#20

3+4-Methylphenols

Concen: 63.075 ng

RT: 8.555 min Scan# 955

Delta R.T. 0.006 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Tgt Ion: 107 Resp: 798107

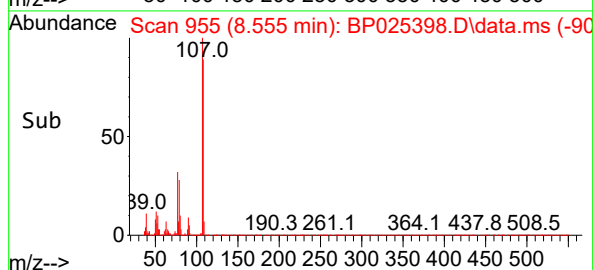
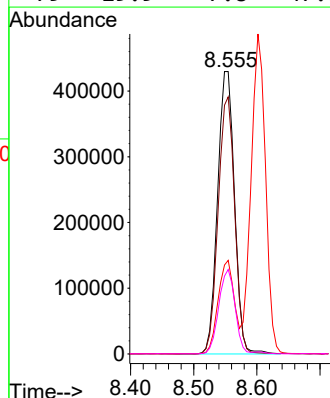
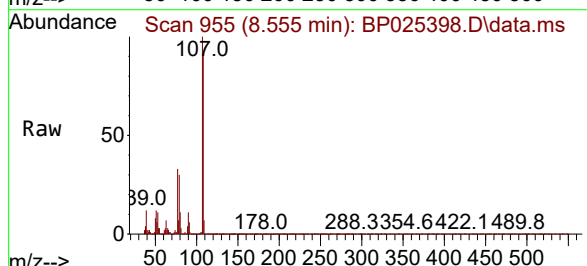
Ion Ratio Lower Upper

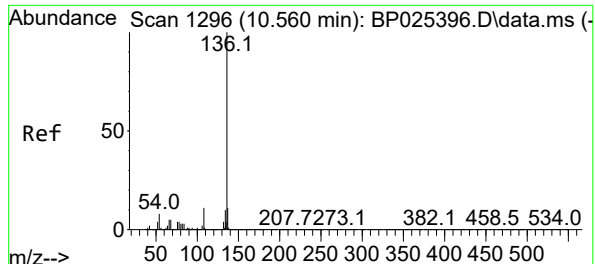
107 100

108 91.0 66.3 106.3

77 33.1 12.3 52.3

79 29.9 7.8 47.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.566 min Scan# 1296

Delta R.T. 0.006 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:136 Resp: 693237

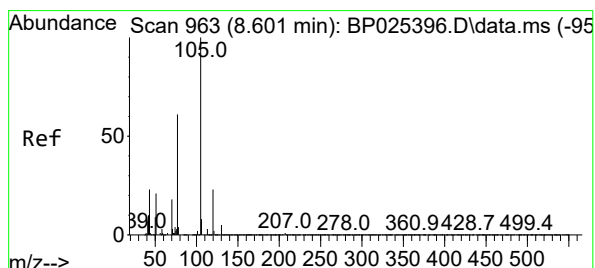
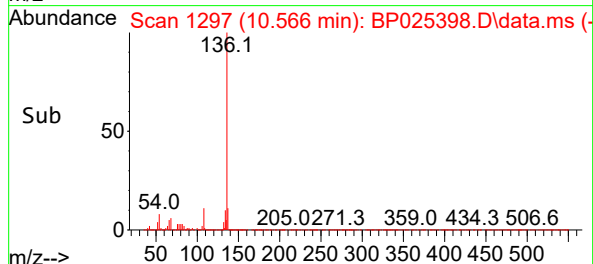
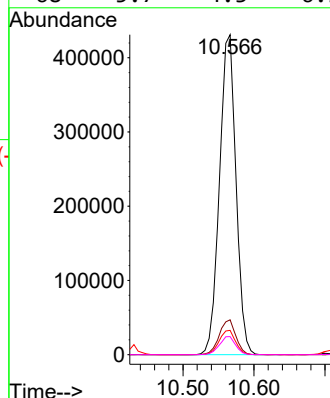
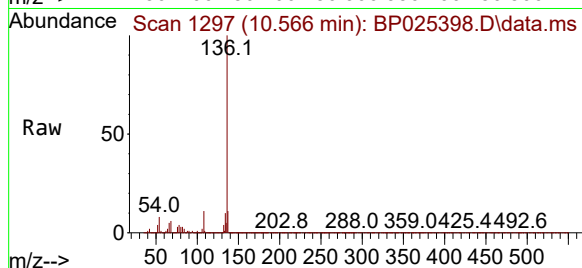
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 7.6 6.0 9.0

68 5.7 4.3 6.5



#22

Acetophenone

Concen: 60.503 ng

RT: 8.602 min Scan# 963

Delta R.T. 0.000 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Tgt Ion:105 Resp: 1051848

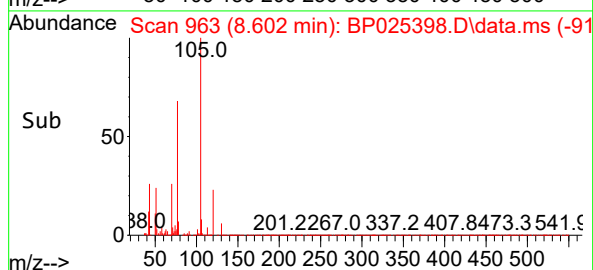
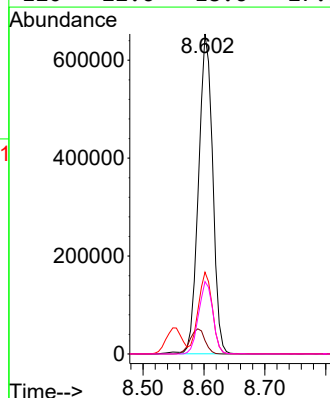
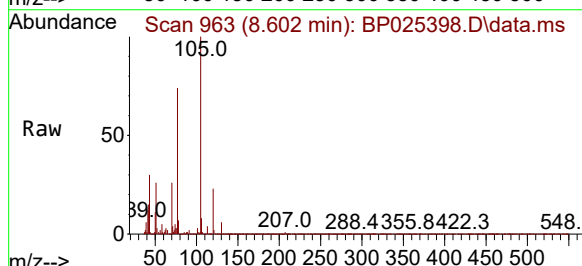
Ion Ratio Lower Upper

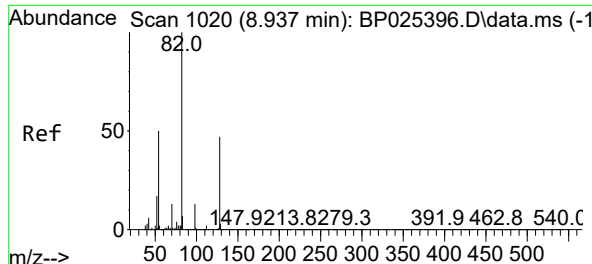
105 100

71 4.2 2.6 4.0

51 25.5 20.6 30.8

120 22.6 18.6 27.8

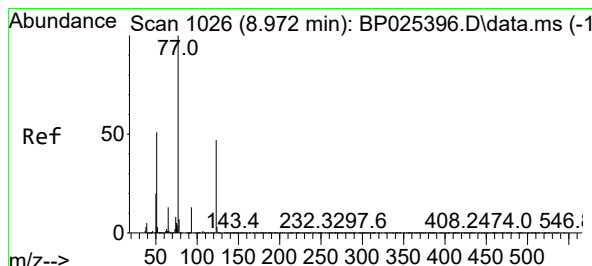
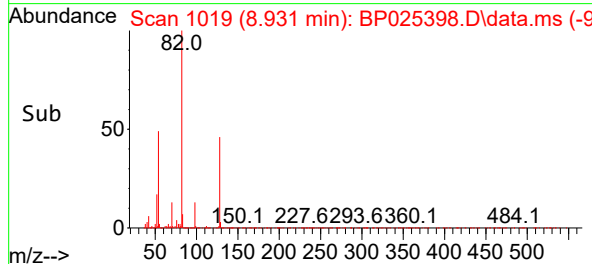
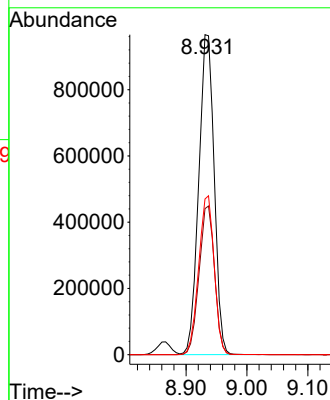
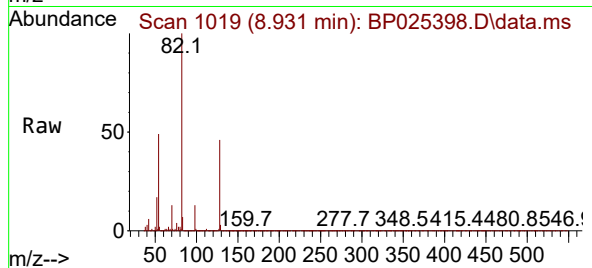




#23
Nitrobenzene-d5
Concen: 123.944 ng
RT: 8.931 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

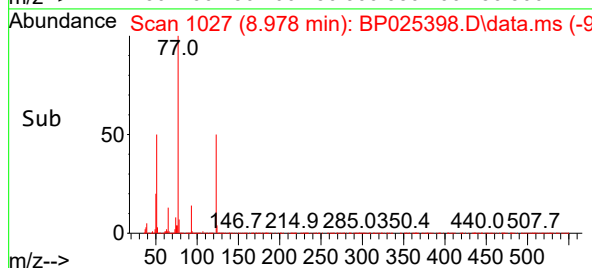
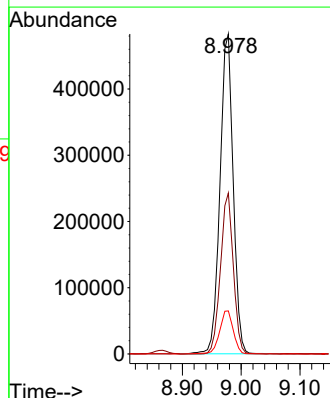
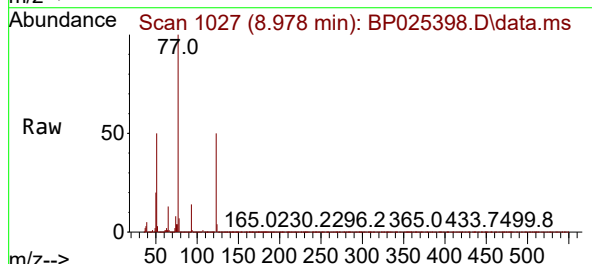
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

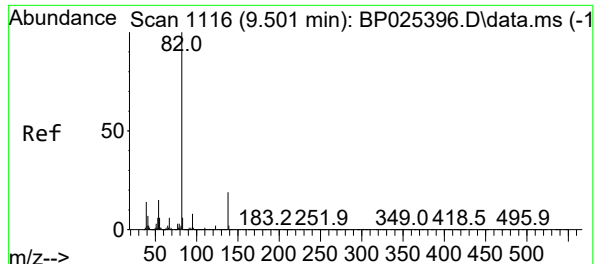
Tgt Ion: 82 Resp: 1698557
Ion Ratio Lower Upper
82 100
128 45.7 37.7 56.5
54 48.6 39.8 59.6



#24
Nitrobenzene
Concen: 61.461 ng
RT: 8.978 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion: 77 Resp: 752762
Ion Ratio Lower Upper
77 100
123 50.3 38.6 58.0
65 13.4 10.6 15.8

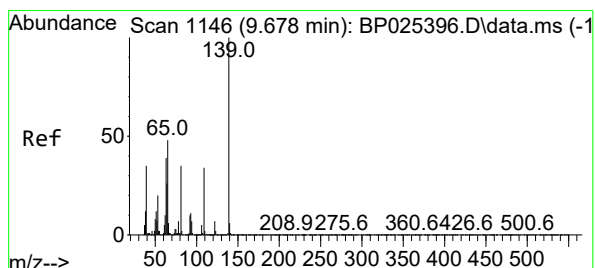
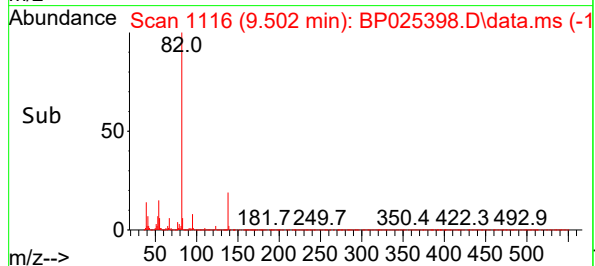
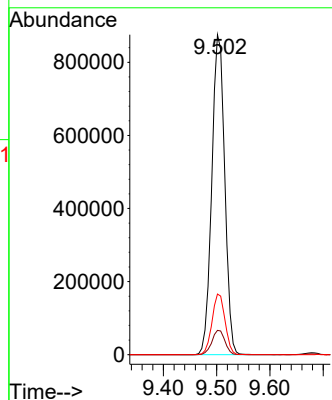
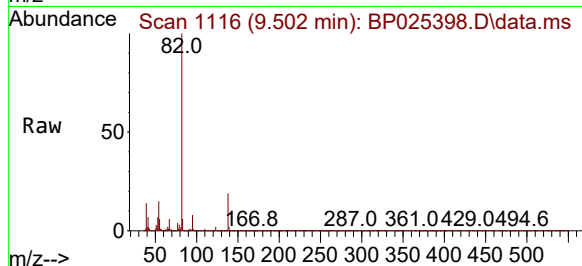




#25
Isophorone
Concen: 60.825 ng
RT: 9.502 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

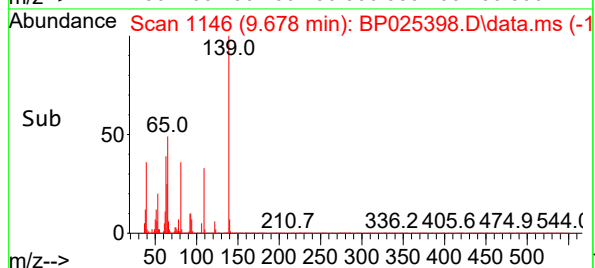
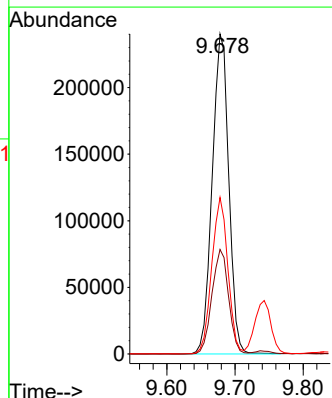
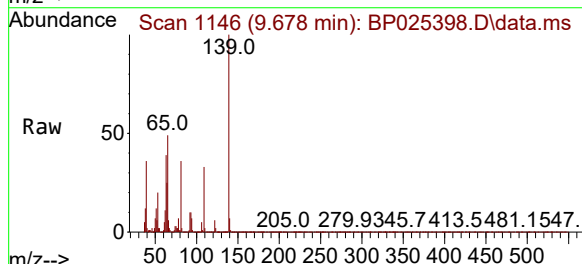
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

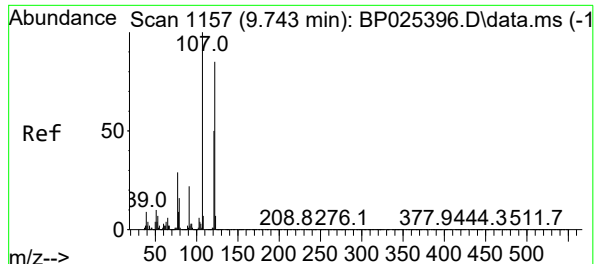
Tgt Ion: 82 Resp: 1475193
Ion Ratio Lower Upper
82 100
95 7.6 6.4 9.6
138 19.0 15.4 23.0



#26
2-Nitrophenol
Concen: 64.564 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion: 139 Resp: 405821
Ion Ratio Lower Upper
139 100
109 32.7 26.9 40.3
65 48.9 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 62.463 ng

RT: 9.743 min Scan# 1157

Delta R.T. 0.000 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

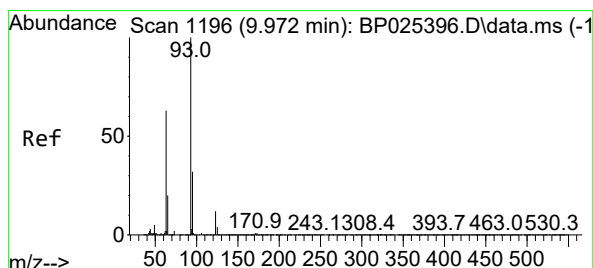
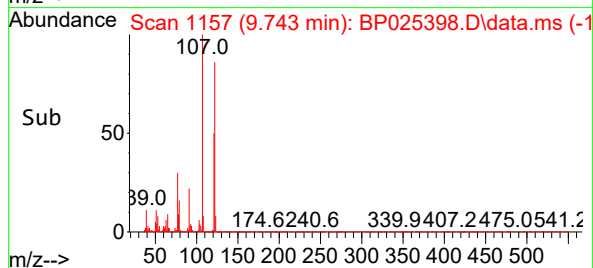
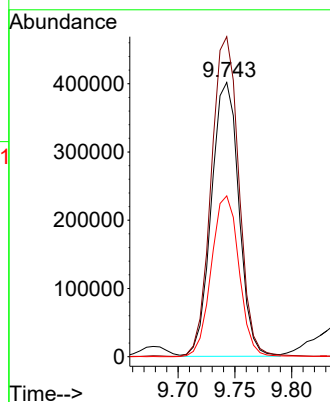
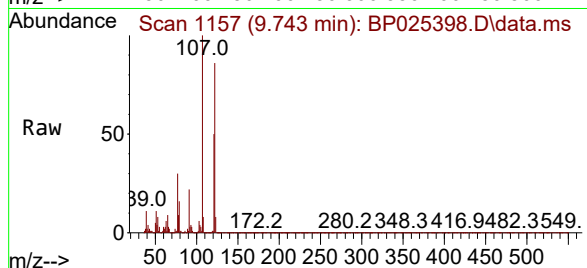
Tgt Ion:122 Resp: 675186

Ion Ratio Lower Upper

122 100

107 116.7 93.7 140.5

121 58.6 46.6 69.8



#28

bis(2-Chloroethoxy)methane

Concen: 61.040 ng

RT: 9.972 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

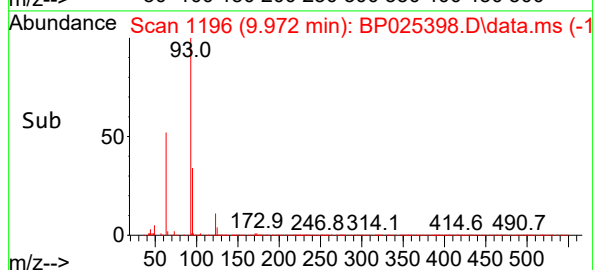
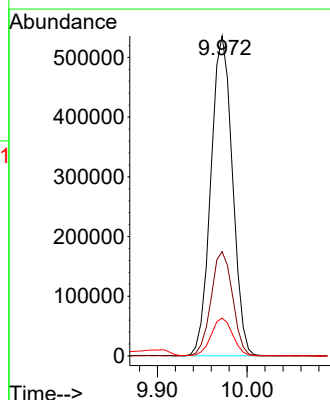
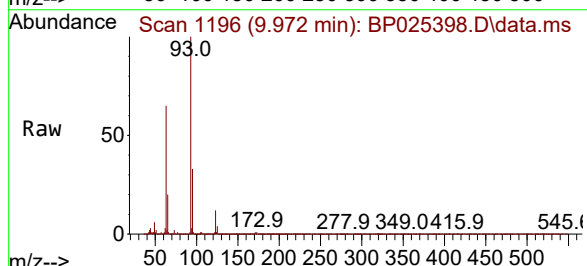
Tgt Ion: 93 Resp: 894872

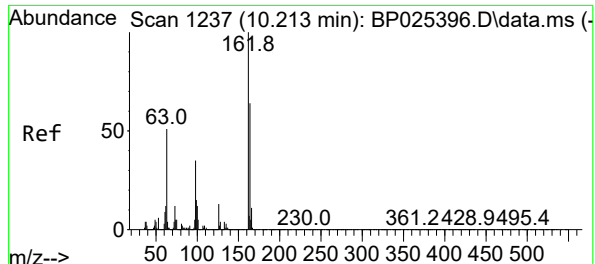
Ion Ratio Lower Upper

93 100

95 32.6 25.4 38.0

123 11.9 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 62.764 ng

RT: 10.213 min Scan# 1237

Delta R.T. 0.000 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

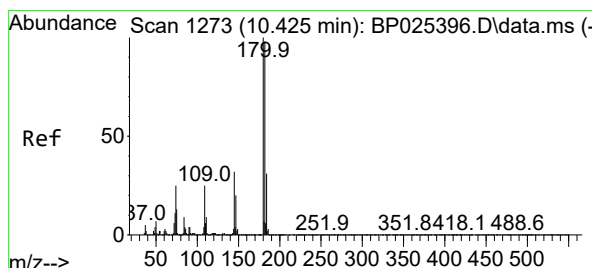
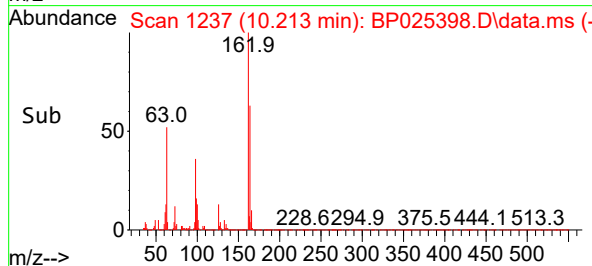
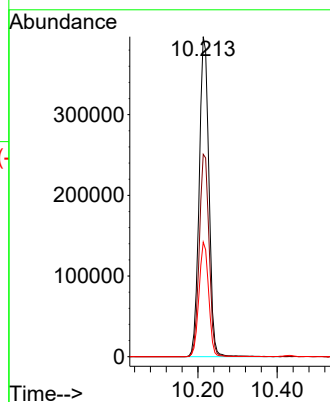
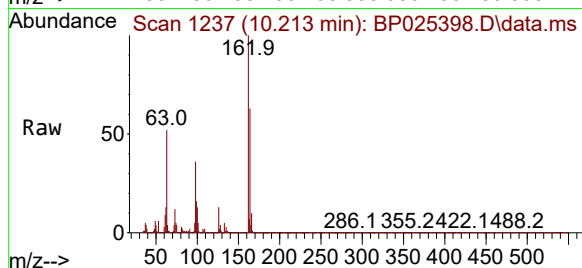
Tgt Ion:162 Resp: 673952

Ion Ratio Lower Upper

162 100

164 63.3 44.4 84.4

98 35.8 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 60.823 ng

RT: 10.425 min Scan# 1273

Delta R.T. 0.000 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

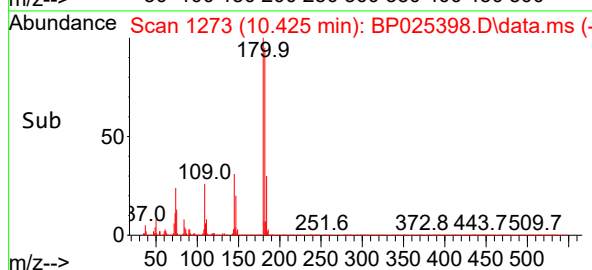
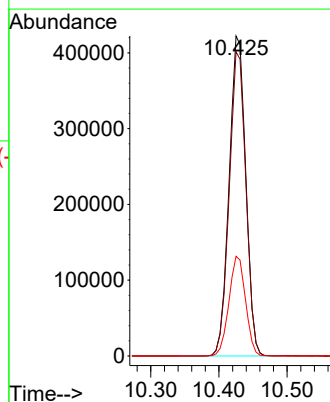
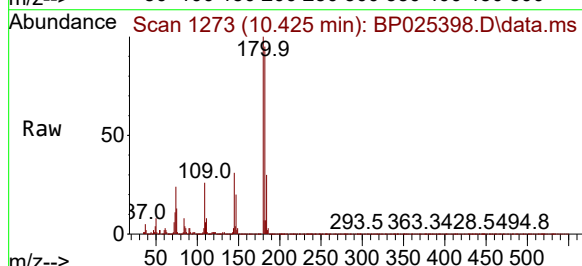
Tgt Ion:180 Resp: 715954

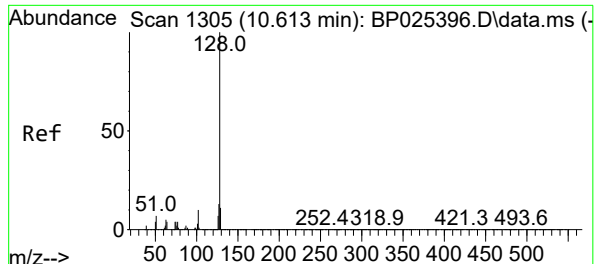
Ion Ratio Lower Upper

180 100

182 95.0 78.0 117.0

145 31.2 25.9 38.9





#31

Naphthalene

Concen: 60.722 ng

RT: 10.613 min Scan# 1185

Delta R.T. 0.000 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

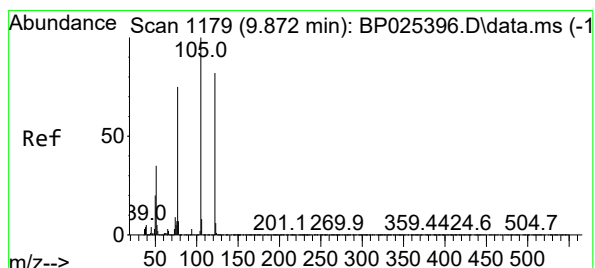
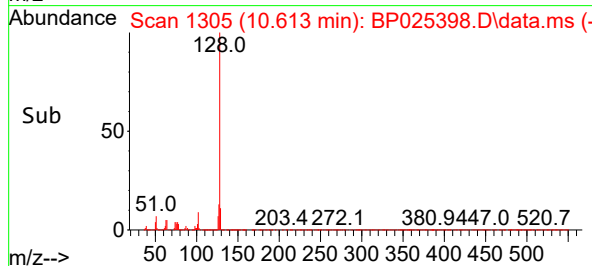
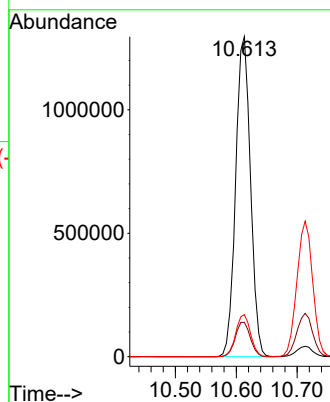
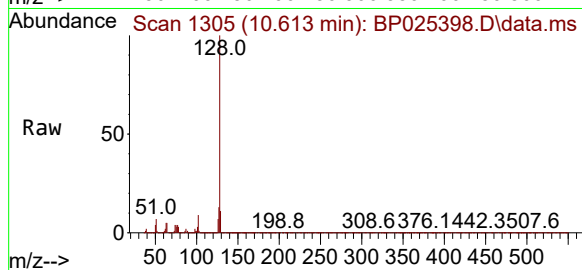
Tgt Ion:128 Resp: 2187912

Ion Ratio Lower Upper

128 100

129 10.8 8.6 13.0

127 13.2 10.7 16.1



#32

Benzoic acid

Concen: 66.651 ng

RT: 9.907 min Scan# 1185

Delta R.T. 0.035 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

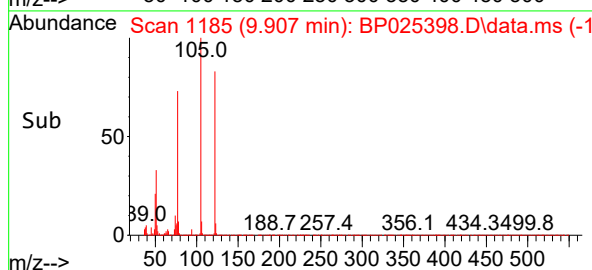
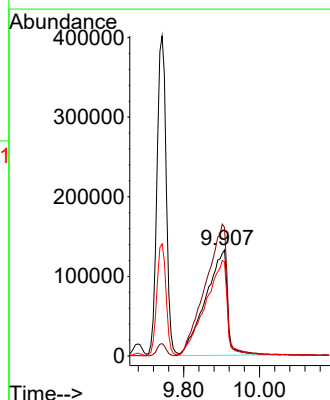
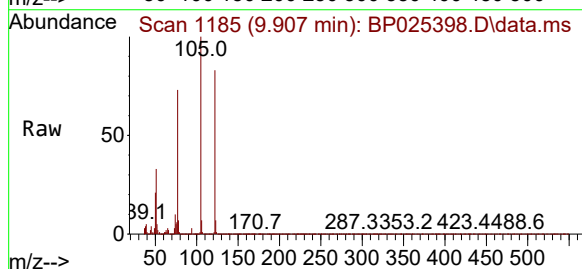
Tgt Ion:122 Resp: 530609

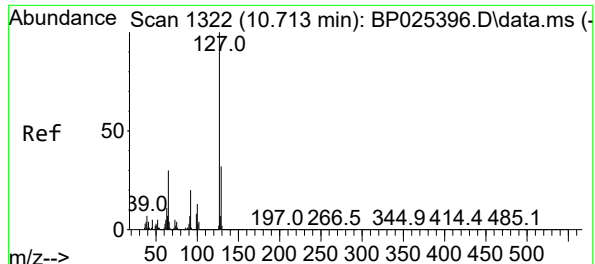
Ion Ratio Lower Upper

122 100

105 121.0 100.6 140.6

77 88.6 71.5 111.5

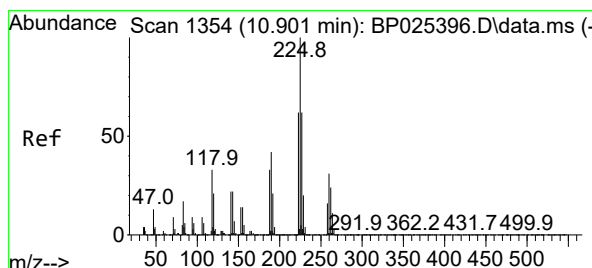
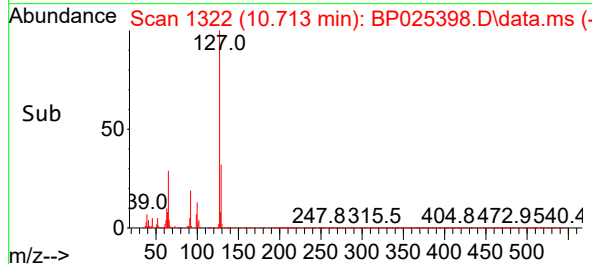
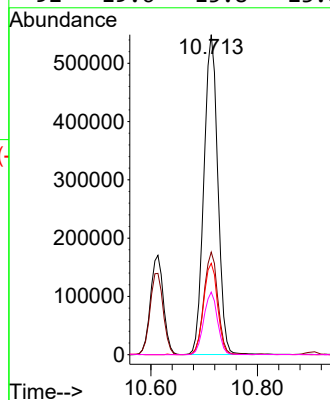
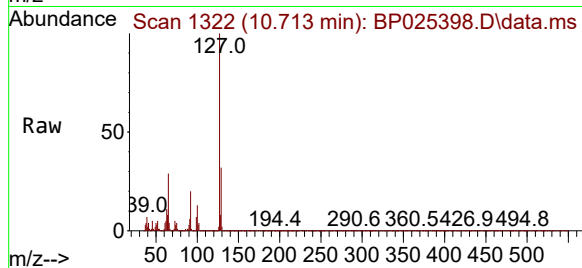




#33
4-Chloroaniline
Concen: 62.401 ng
RT: 10.713 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

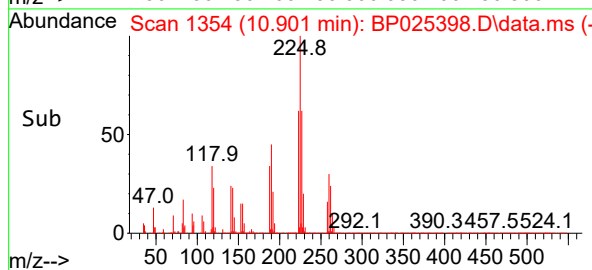
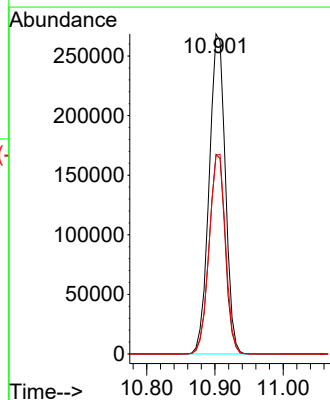
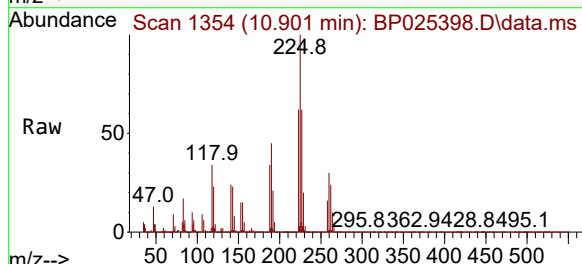
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

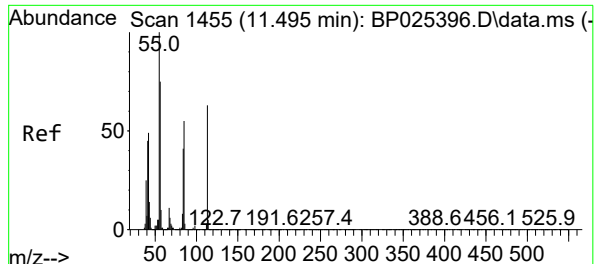
Tgt Ion:	127	Resp:	993155
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.4	38.2
65	28.5	23.8	35.6
92	19.6	15.8	23.8



#34
Hexachlorobutadiene
Concen: 60.421 ng
RT: 10.901 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:	225	Resp:	442929
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.0	75.0
227	62.1	49.7	74.5

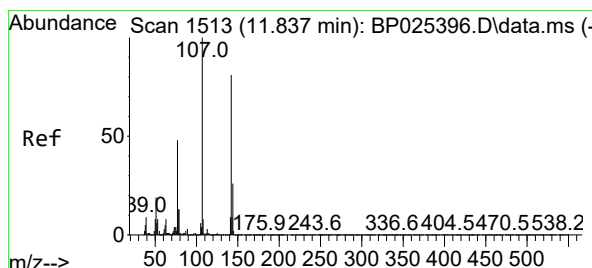
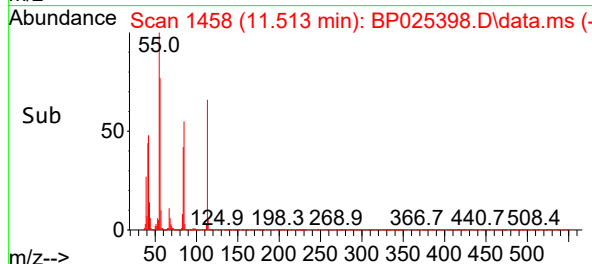
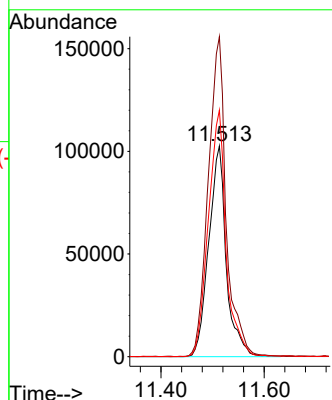
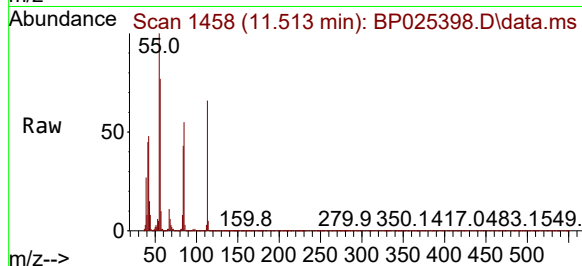




#35
Caprolactam
Concen: 61.340 ng
RT: 11.513 min Scan# 1458
Delta R.T. 0.018 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

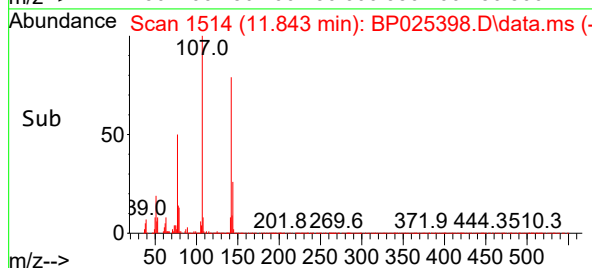
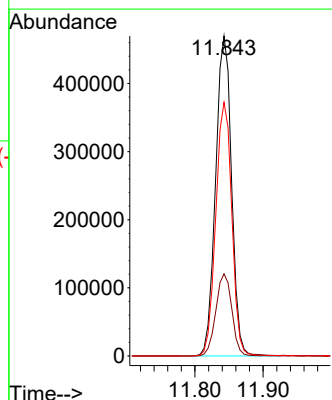
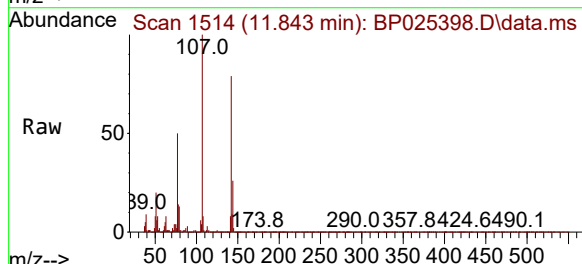
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

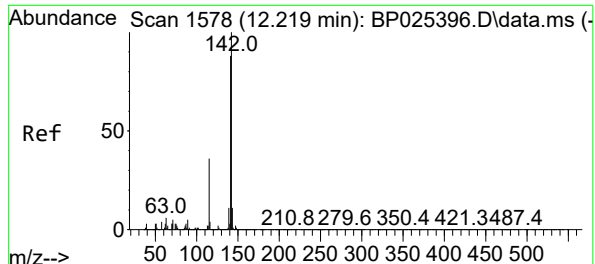
Tgt Ion:113 Resp: 241521
Ion Ratio Lower Upper
113 100
55 151.8 140.0 180.0
56 117.0 100.0 140.0



#36
4-Chloro-3-methylphenol
Concen: 62.033 ng
RT: 11.843 min Scan# 1514
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:107 Resp: 764338
Ion Ratio Lower Upper
107 100
144 25.7 21.0 31.4
142 79.2 64.6 97.0

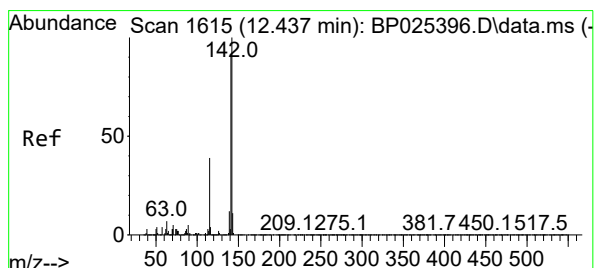
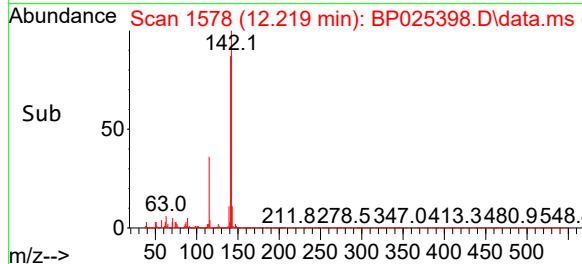
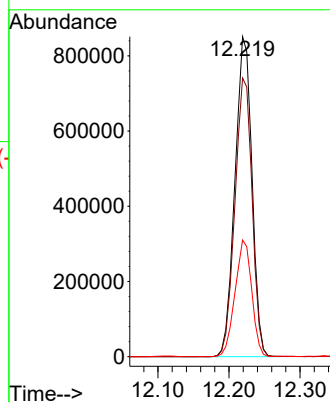
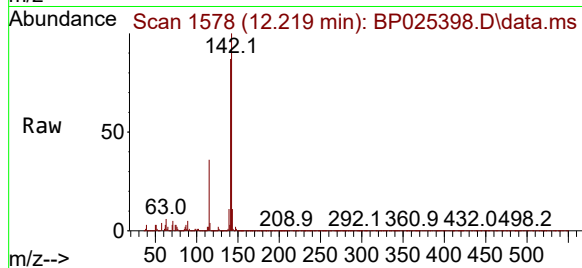




#37
2-Methylnaphthalene
Concen: 60.511 ng
RT: 12.219 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

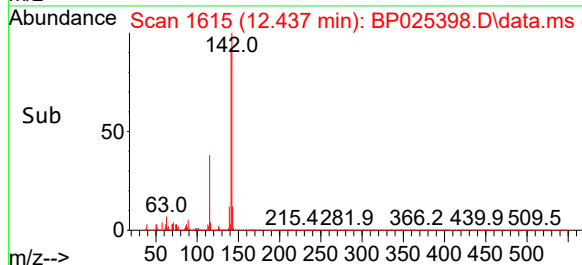
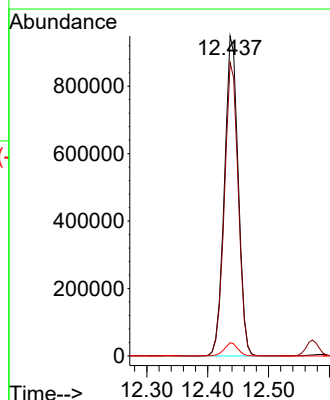
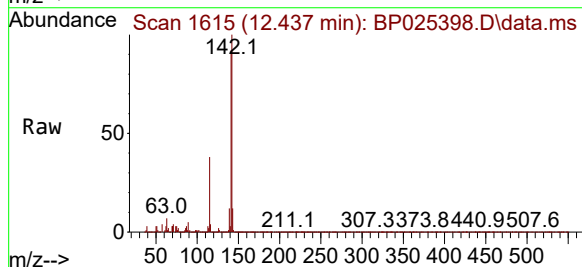
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

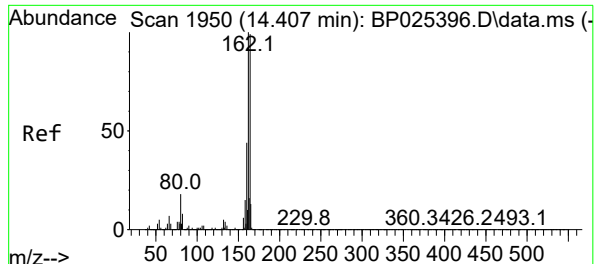
Tgt Ion:142 Resp: 1418882
Ion Ratio Lower Upper
142 100
141 87.1 70.3 105.5
115 36.5 28.9 43.3



#38
1-Methylnaphthalene
Concen: 59.925 ng
RT: 12.437 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:142 Resp: 1494304
Ion Ratio Lower Upper
142 100
141 91.7 73.1 109.7
116 4.1 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.413 min Scan# 1951

Delta R.T. 0.006 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

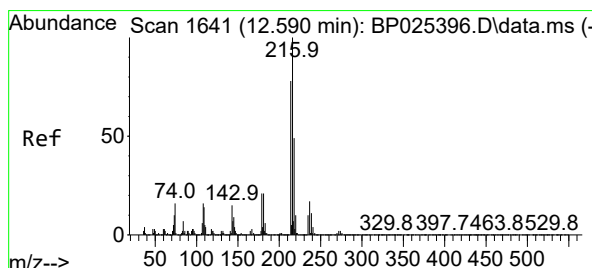
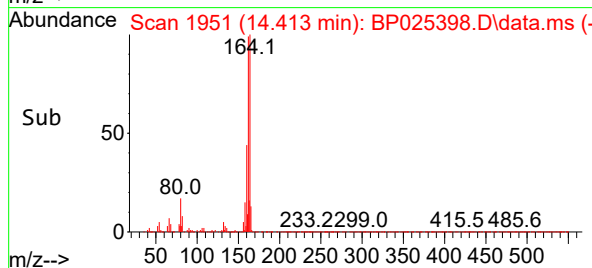
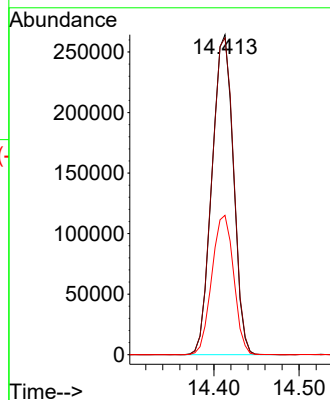
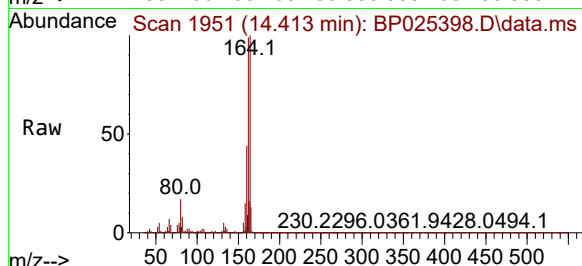
Tgt Ion:164 Resp: 460439

Ion Ratio Lower Upper

164 100

162 99.0 81.0 121.6

160 43.6 35.4 53.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 60.365 ng

RT: 12.590 min Scan# 1641

Delta R.T. 0.000 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Tgt Ion:216 Resp: 802737

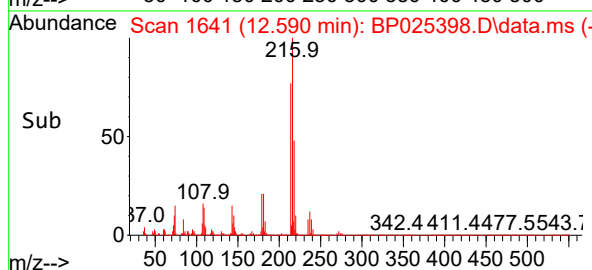
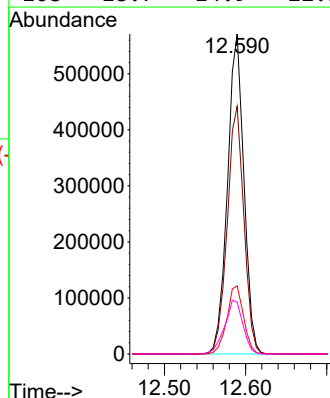
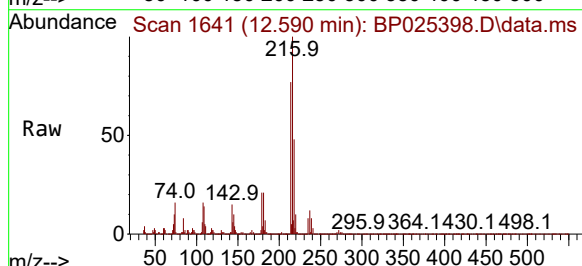
Ion Ratio Lower Upper

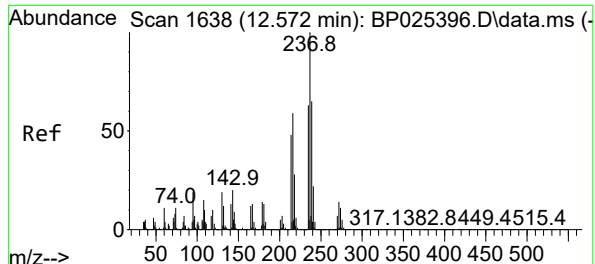
216 100

214 78.3 63.0 94.4

179 21.6 17.1 25.7

108 18.7 14.9 22.3

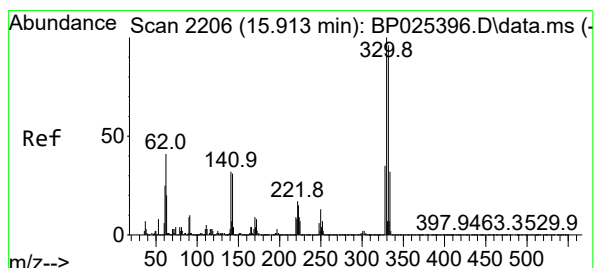
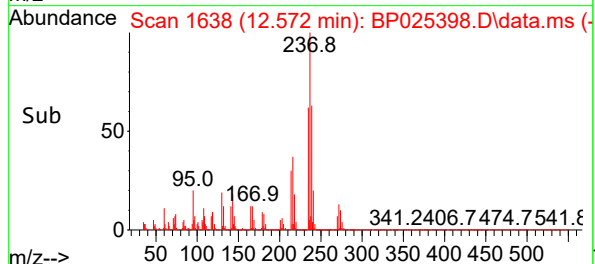
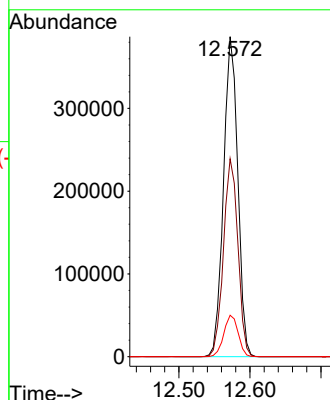
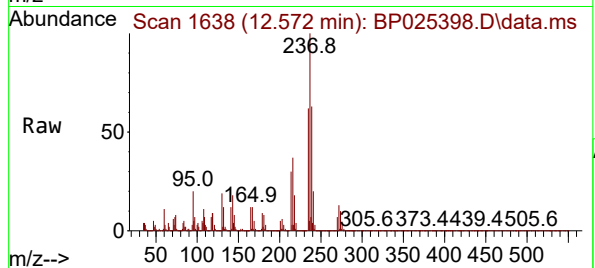




#41
Hexachlorocyclopentadiene
Concen: 66.784 ng
RT: 12.572 min Scan# 1638
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

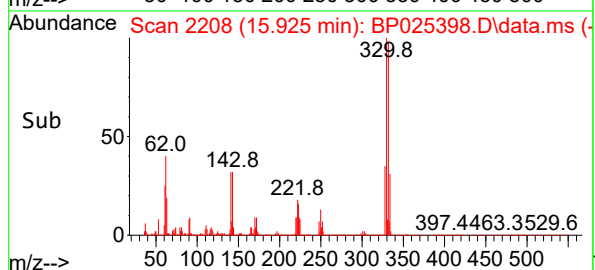
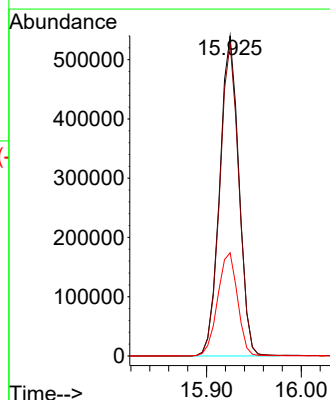
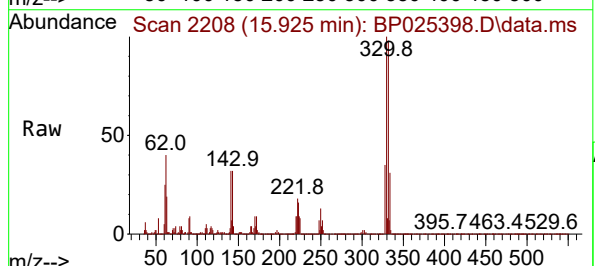
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

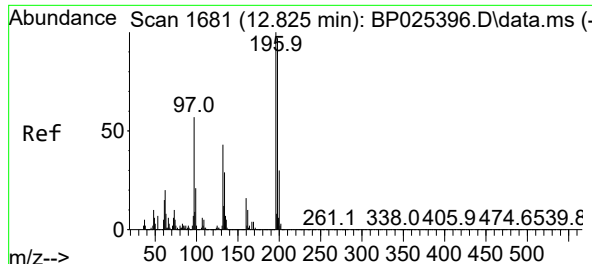
Tgt Ion: 237 Resp: 536440
Ion Ratio Lower Upper
237 100
235 61.9 42.7 82.7
272 13.0 0.0 34.0



#42
2,4,6-Tribromophenol
Concen: 122.748 ng
RT: 15.925 min Scan# 2208
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion: 330 Resp: 760738
Ion Ratio Lower Upper
330 100
332 97.5 77.3 115.9
141 33.3 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 62.841 ng

RT: 12.831 min Scan# 1682

Delta R.T. 0.006 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

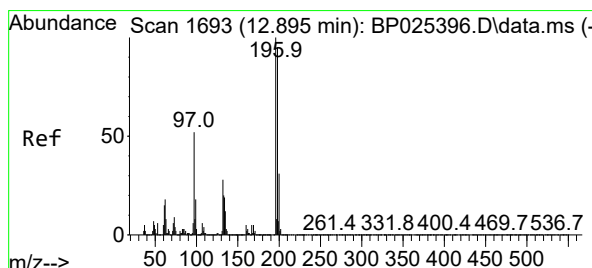
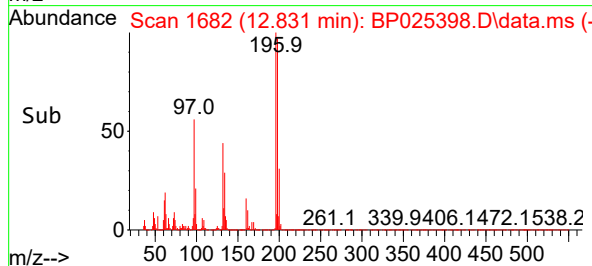
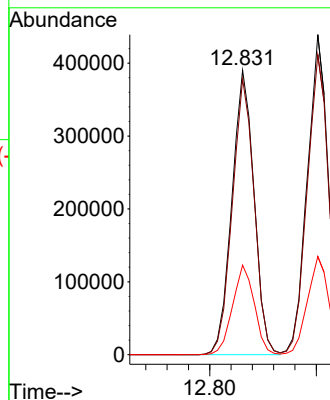
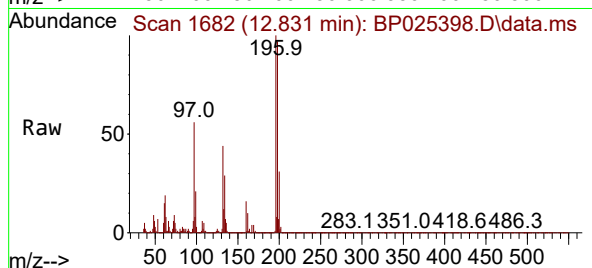
Tgt Ion:196 Resp: 564165

Ion Ratio Lower Upper

196 100

198 96.9 77.2 115.8

200 31.5 23.9 35.9



#44

2,4,5-Trichlorophenol

Concen: 62.937 ng

RT: 12.901 min Scan# 1694

Delta R.T. 0.006 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Tgt Ion:196 Resp: 619246

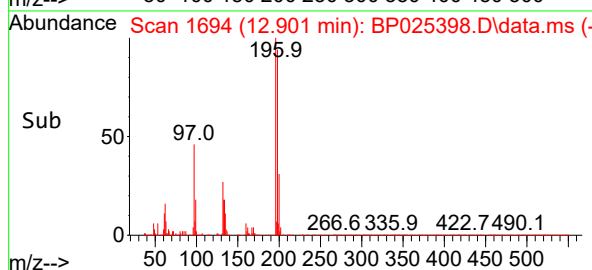
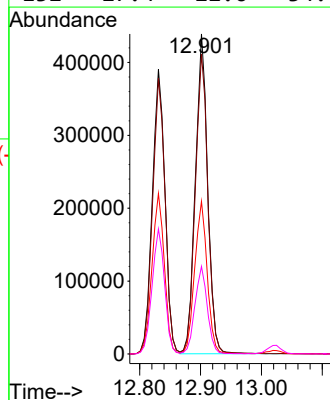
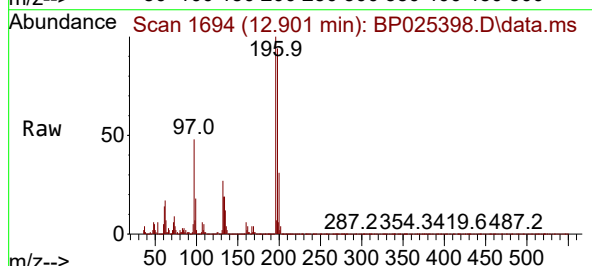
Ion Ratio Lower Upper

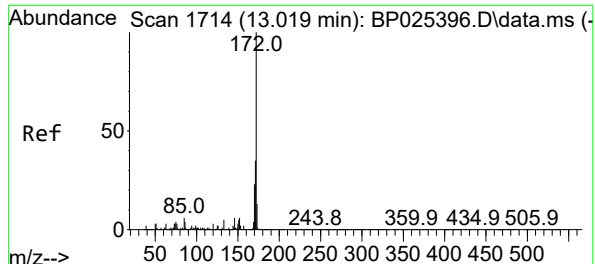
196 100

198 93.8 76.2 114.2

97 47.7 41.2 61.8

132 27.4 22.6 34.0





#45

2-Fluorobiphenyl

Concen: 117.656 ng

RT: 13.025 min Scan# 1715

Delta R.T. 0.006 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

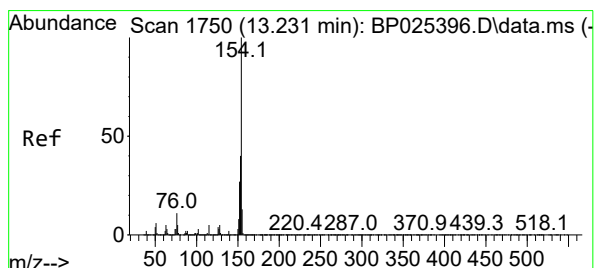
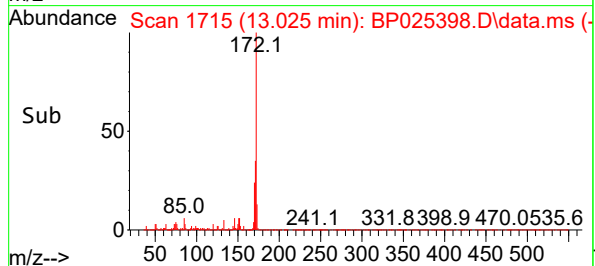
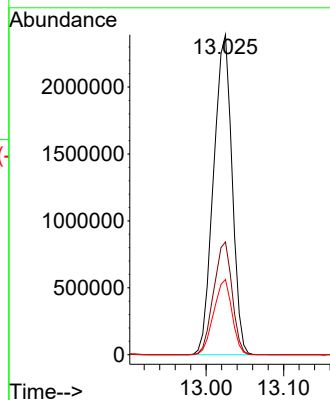
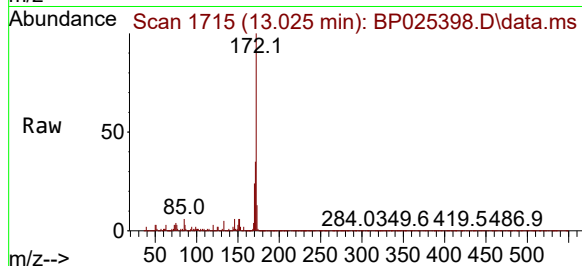
Tgt Ion:172 Resp: 3963871

Ion Ratio Lower Upper

172 100

171 35.3 28.1 42.1

170 23.5 18.6 28.0



#46

1,1'-Biphenyl

Concen: 59.695 ng

RT: 13.237 min Scan# 1751

Delta R.T. 0.006 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

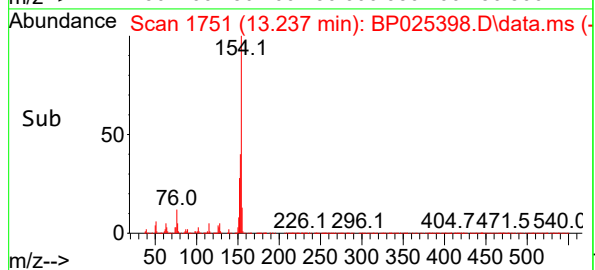
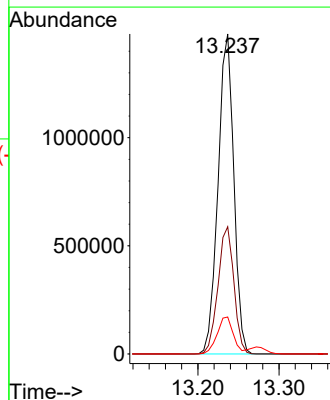
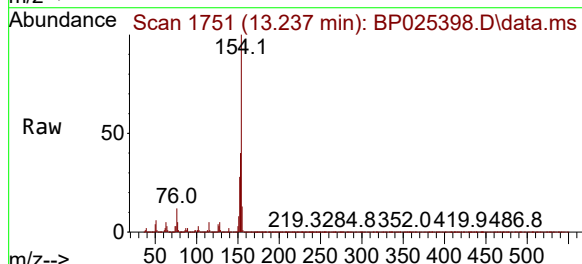
Tgt Ion:154 Resp: 1996186

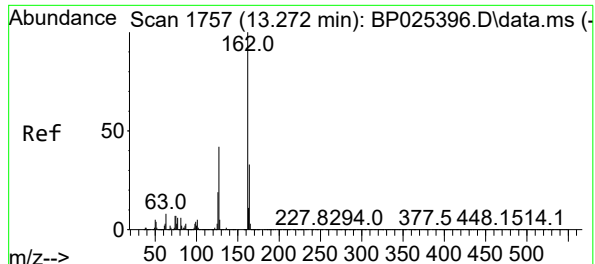
Ion Ratio Lower Upper

154 100

153 39.8 19.5 59.5

76 11.6 0.0 31.1





#47

2-Chloronaphthalene

Concen: 60.600 ng

RT: 13.272 min Scan# 1757

Delta R.T. 0.000 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

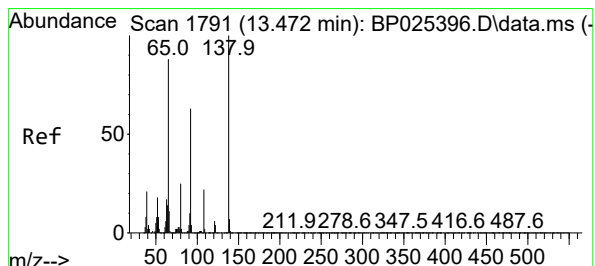
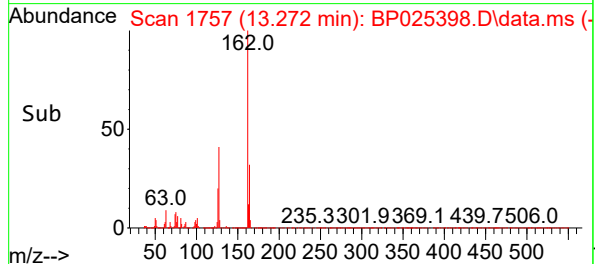
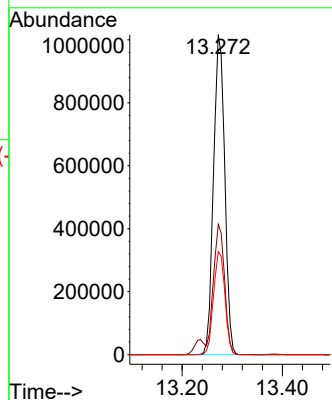
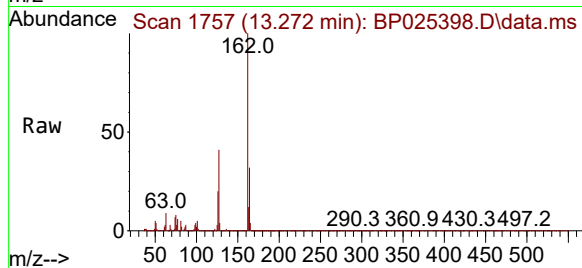
Tgt Ion:162 Resp: 1577577

Ion Ratio Lower Upper

162 100

127 40.7 33.4 50.2

164 32.2 26.2 39.2



#48

2-Nitroaniline

Concen: 63.996 ng

RT: 13.472 min Scan# 1791

Delta R.T. 0.000 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

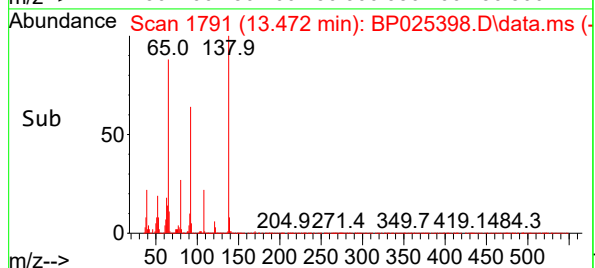
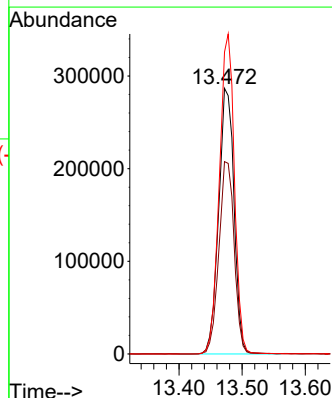
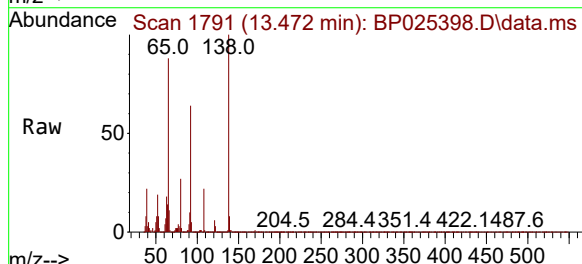
Tgt Ion: 65 Resp: 485429

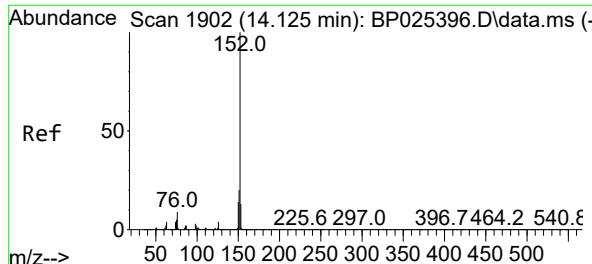
Ion Ratio Lower Upper

65 100

92 72.4 57.6 86.4

138 113.7 91.0 136.6





#49

Acenaphthylene

Concen: 61.147 ng

RT: 14.131 min Scan# 1903

Delta R.T. 0.006 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

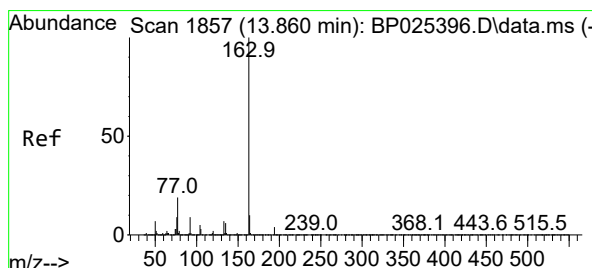
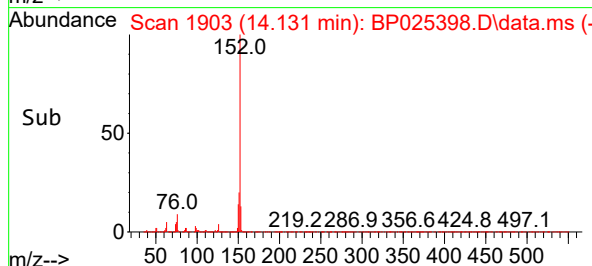
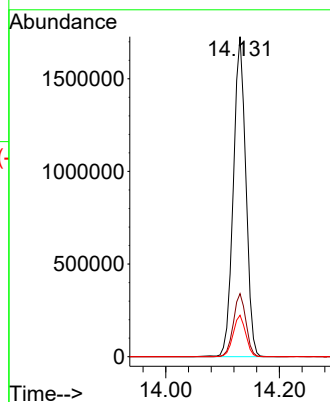
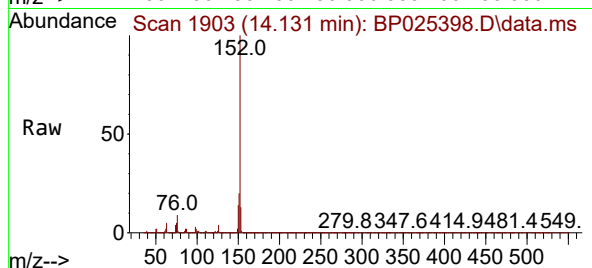
Tgt Ion:152 Resp: 2634005

Ion Ratio Lower Upper

152 100

151 19.7 16.0 24.0

153 13.0 10.6 15.8



#50

Dimethylphthalate

Concen: 60.572 ng

RT: 13.866 min Scan# 1858

Delta R.T. 0.006 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

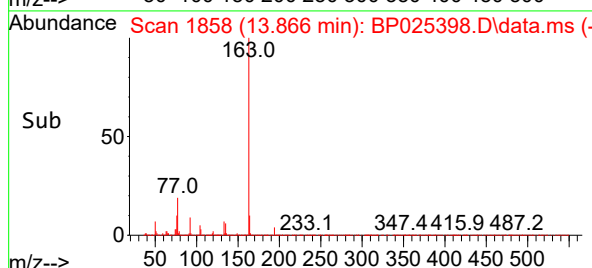
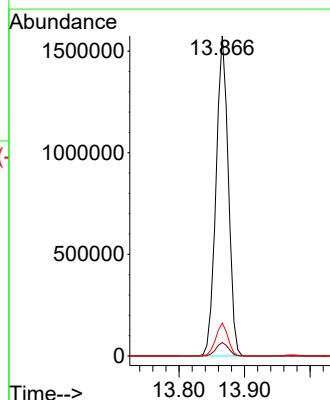
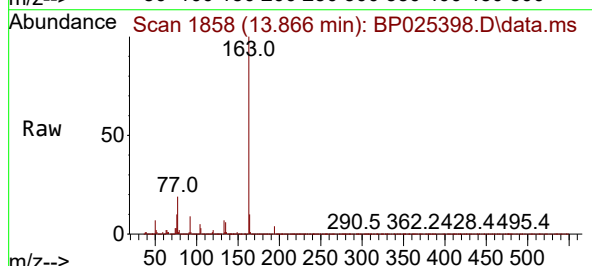
Tgt Ion:163 Resp: 2042324

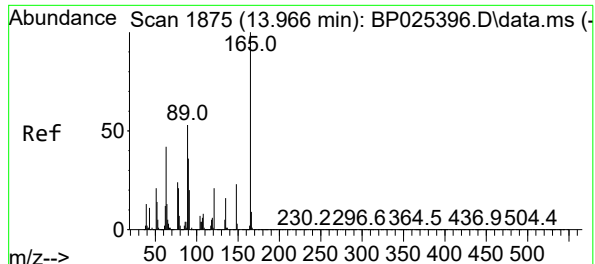
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.3 7.9 11.9

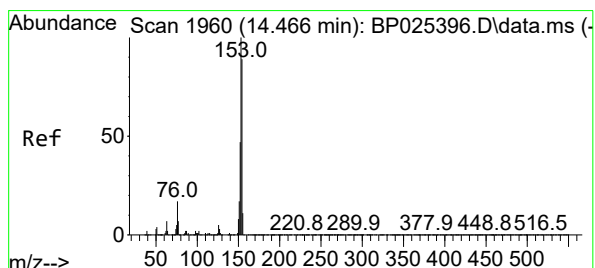
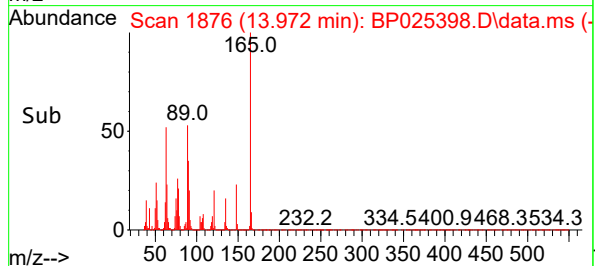
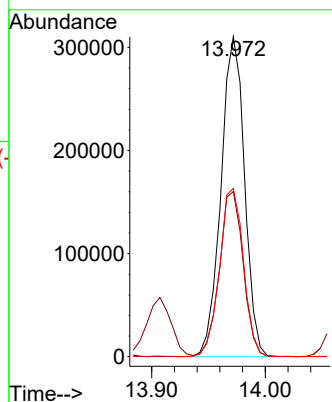
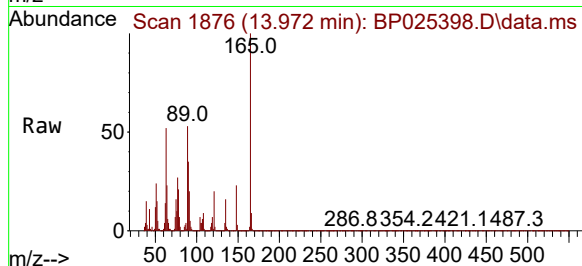




#51
2,6-Dinitrotoluene
Concen: 62.831 ng
RT: 13.972 min Scan# 1876
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

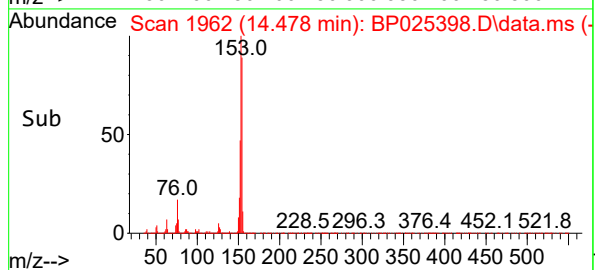
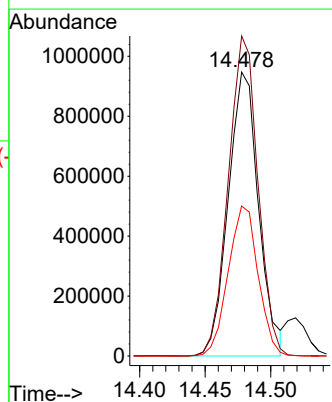
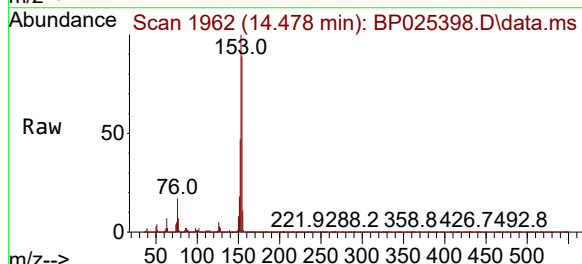
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

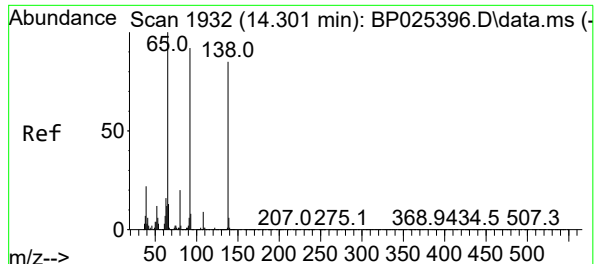
Tgt Ion:165 Resp: 446520
Ion Ratio Lower Upper
165 100
63 51.6 40.9 61.3
89 52.5 42.1 63.1



#52
Acenaphthene
Concen: 60.399 ng
RT: 14.478 min Scan# 1962
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:154 Resp: 1527191
Ion Ratio Lower Upper
154 100
153 112.7 90.2 135.2
152 52.8 42.1 63.1

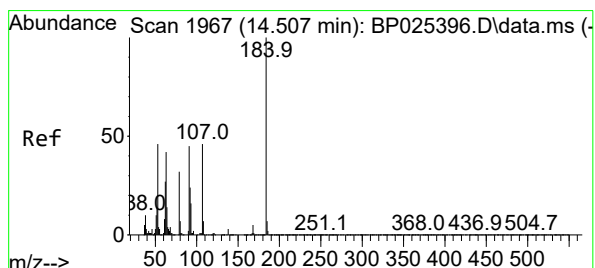
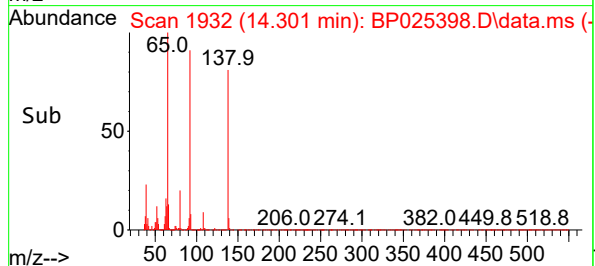
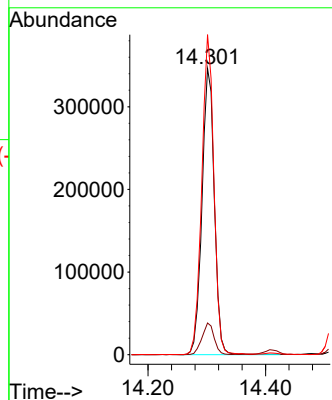
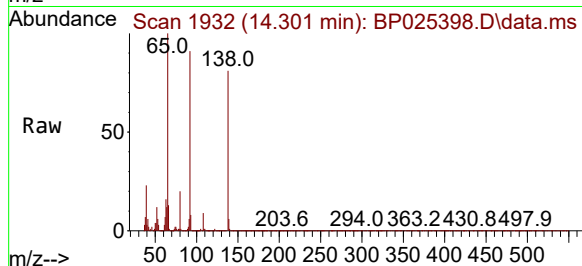




#53
3-Nitroaniline
Concen: 63.331 ng
RT: 14.301 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

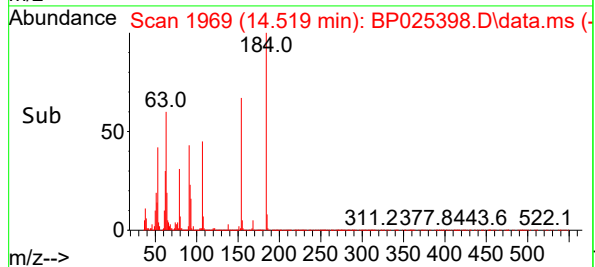
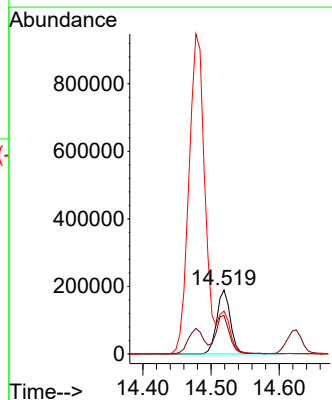
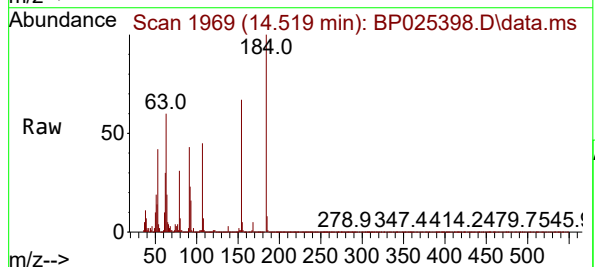
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

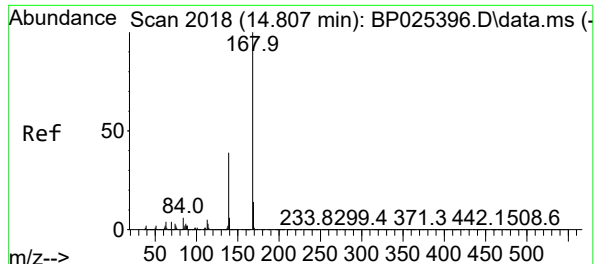
Tgt Ion:138 Resp: 506373
Ion Ratio Lower Upper
138 100
108 11.1 8.3 12.5
92 111.9 86.2 129.2



#54
2,4-Dinitrophenol
Concen: 69.849 ng
RT: 14.519 min Scan# 1969
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:184 Resp: 265089
Ion Ratio Lower Upper
184 100
63 60.1 49.4 74.2
154 67.3 54.6 82.0





#55

Dibenzenofuran

Concen: 59.734 ng

RT: 14.819 min Scan# 20

Delta R.T. 0.012 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

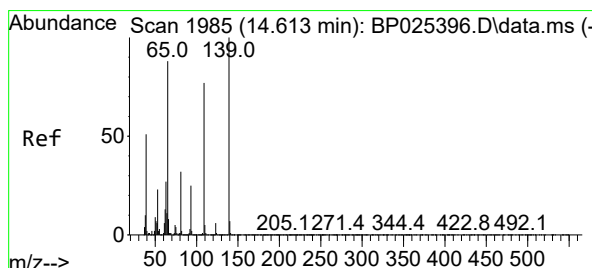
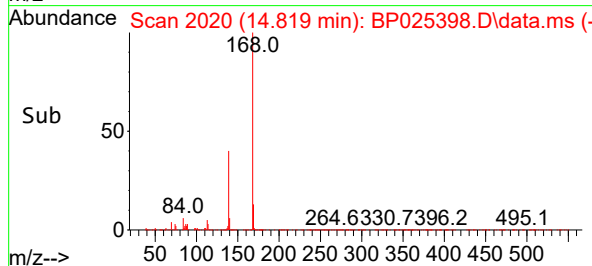
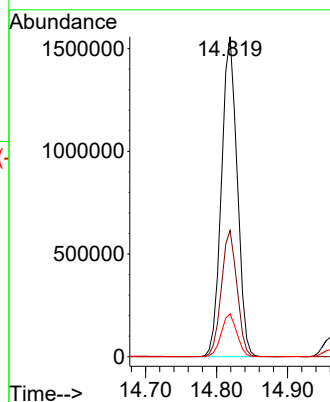
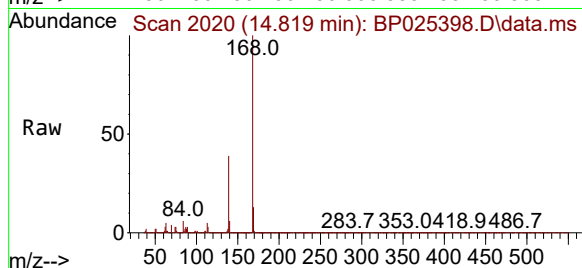
Tgt Ion:168 Resp: 2387933

Ion Ratio Lower Upper

168 100

139 39.5 31.5 47.3

169 13.4 10.9 16.3



#56

4-Nitrophenol

Concen: 63.893 ng

RT: 14.625 min Scan# 1987

Delta R.T. 0.012 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

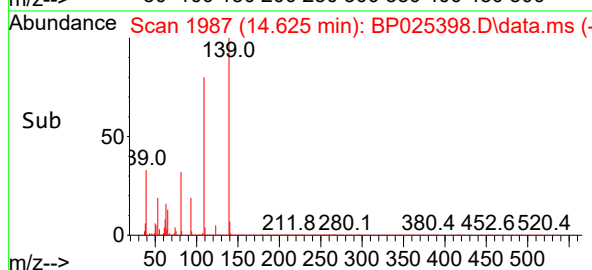
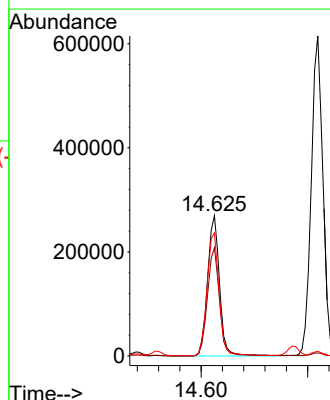
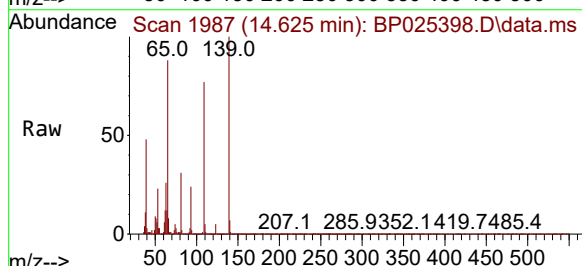
Tgt Ion:139 Resp: 419801

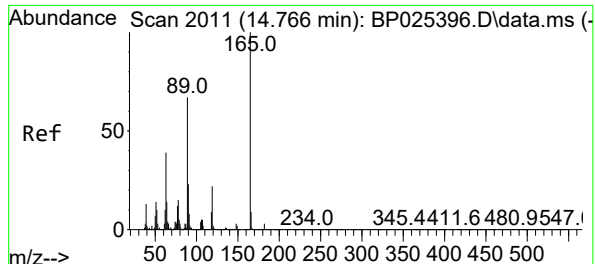
Ion Ratio Lower Upper

139 100

109 77.0 56.6 96.6

65 87.6 68.2 108.2





#57

2,4-Dinitrotoluene

Concen: 64.112 ng

RT: 14.778 min Scan# 2011

Delta R.T. 0.012 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:165 Resp: 650054

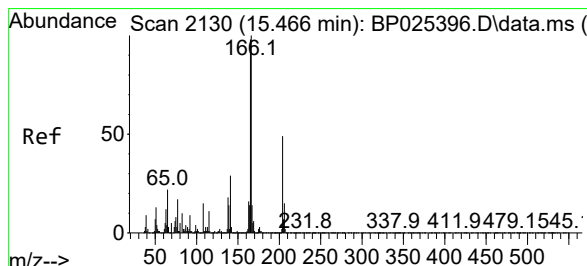
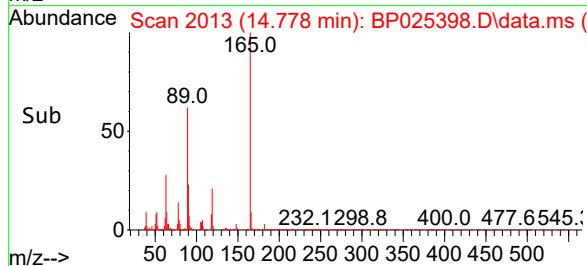
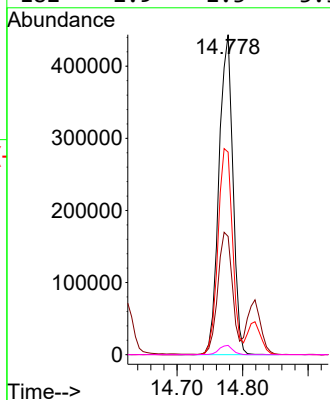
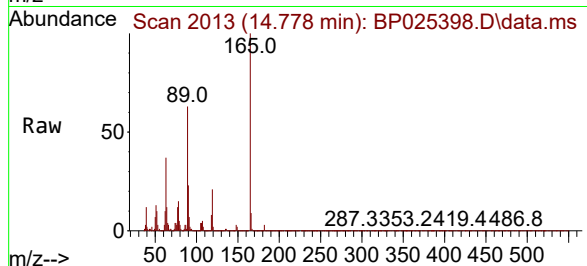
Ion Ratio Lower Upper

165 100

63 37.0 31.4 47.2

89 63.3 53.3 79.9

182 2.9 2.3 3.5



#58

Fluorene

Concen: 58.236 ng

RT: 15.478 min Scan# 2132

Delta R.T. 0.012 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

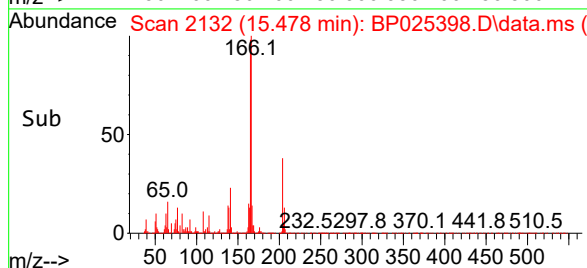
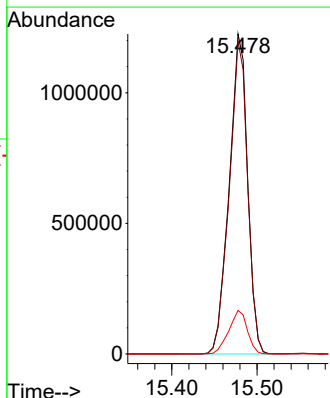
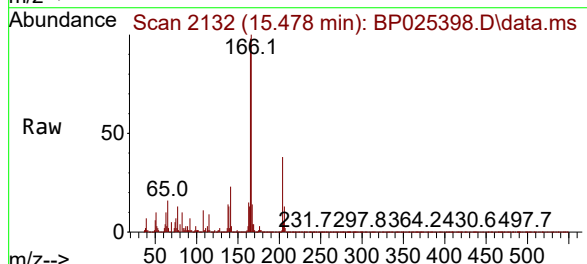
Tgt Ion:166 Resp: 1836972

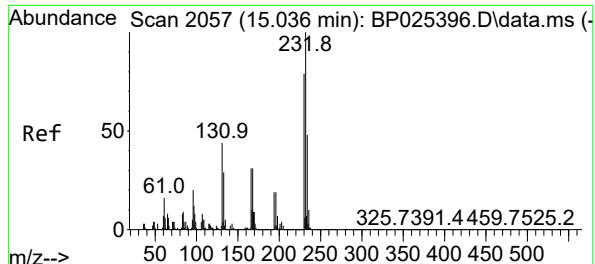
Ion Ratio Lower Upper

166 100

165 97.8 78.8 118.2

167 13.6 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 62.307 ng

RT: 15.042 min Scan# 2058

Delta R.T. 0.006 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:232 Resp: 541317

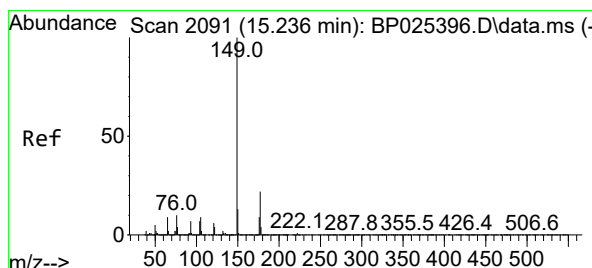
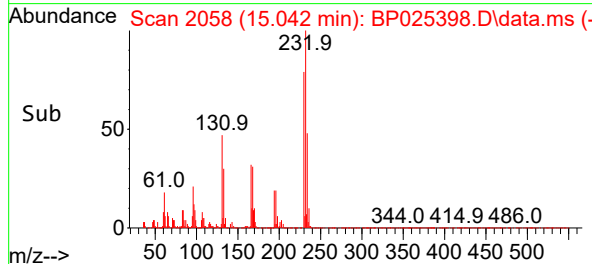
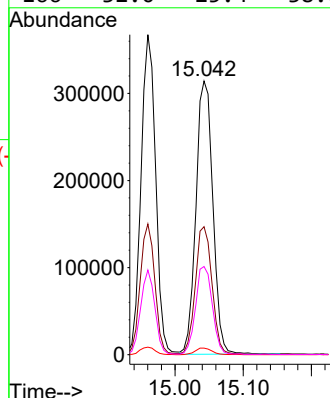
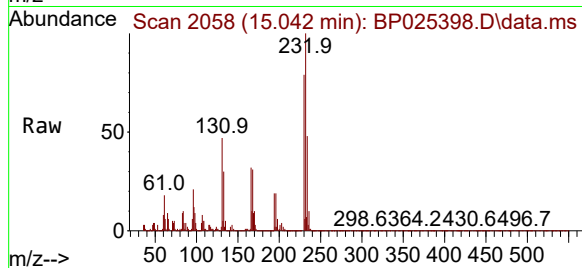
Ion Ratio Lower Upper

232 100

131 46.2 37.0 55.6

130 2.4 1.9 2.9

166 32.0 25.4 38.0



#60

Diethylphthalate

Concen: 58.840 ng

RT: 15.254 min Scan# 2094

Delta R.T. 0.018 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

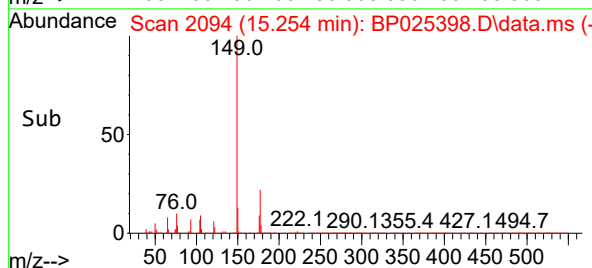
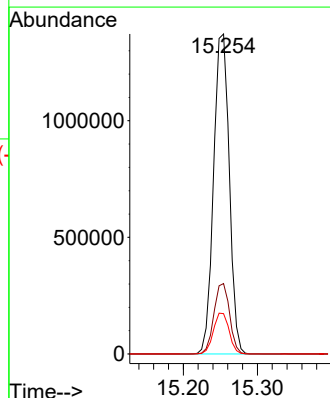
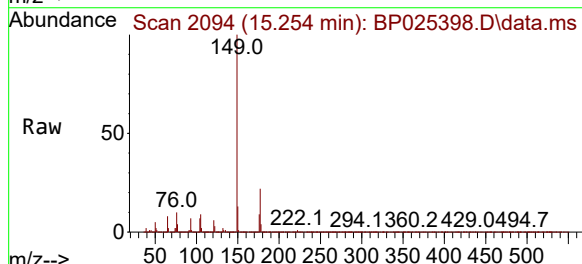
Tgt Ion:149 Resp: 2015888

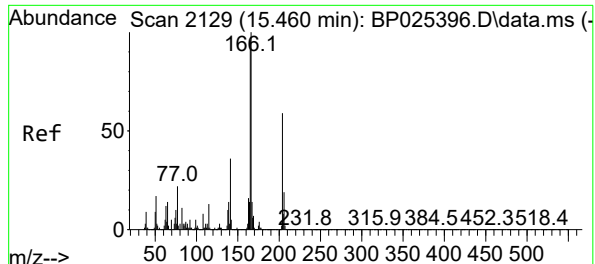
Ion Ratio Lower Upper

149 100

177 22.0 17.3 25.9

150 12.6 10.3 15.5

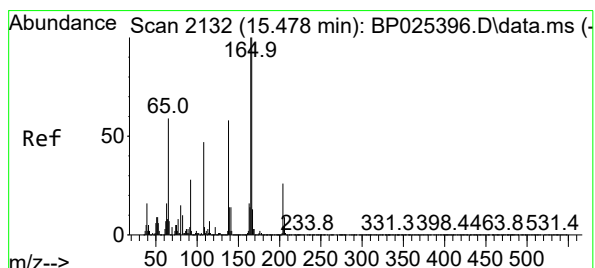
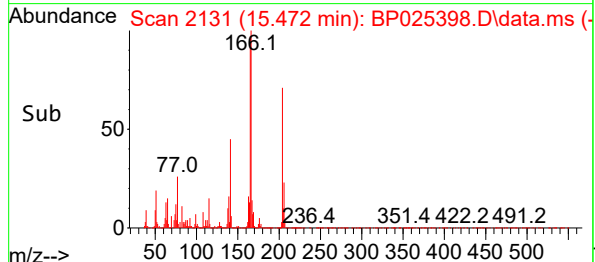
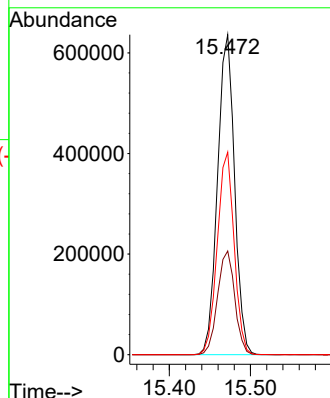
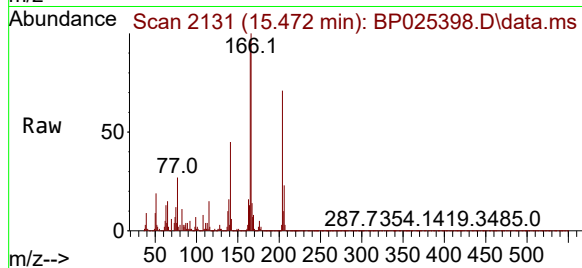




#61
4-Chlorophenyl-phenylether
Concen: 59.044 ng
RT: 15.472 min Scan# 2131
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

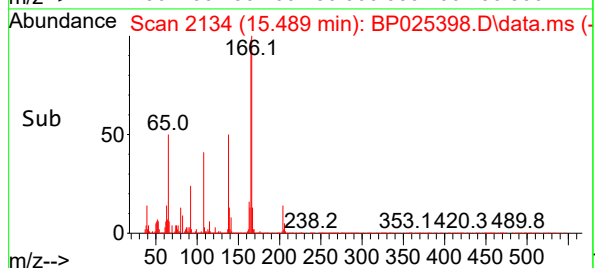
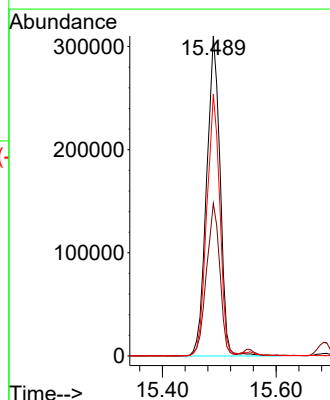
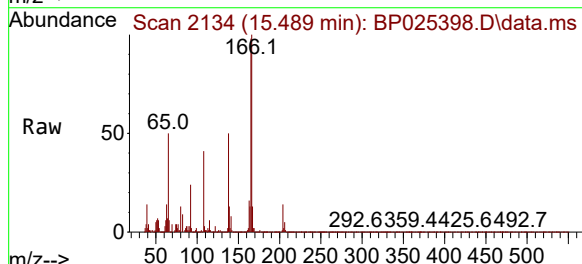
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

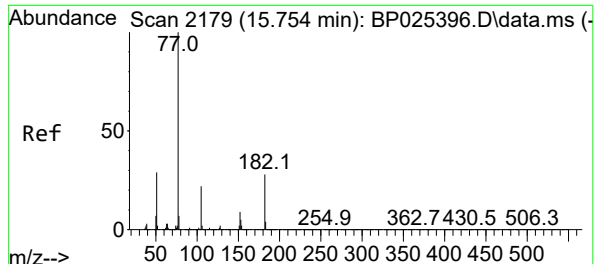
Tgt Ion:204 Resp: 926280
Ion Ratio Lower Upper
204 100
206 32.4 25.8 38.8
141 63.3 49.4 74.2



#62
4-Nitroaniline
Concen: 62.272 ng
RT: 15.489 min Scan# 2134
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:138 Resp: 510438
Ion Ratio Lower Upper
138 100
92 47.7 29.1 69.1
108 81.8 61.5 101.5

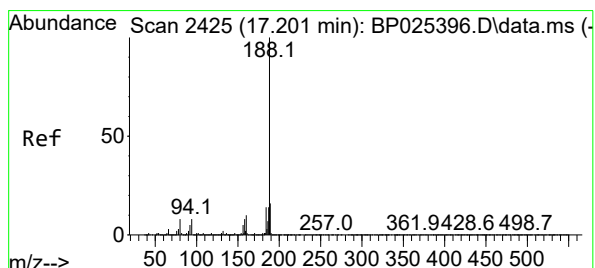
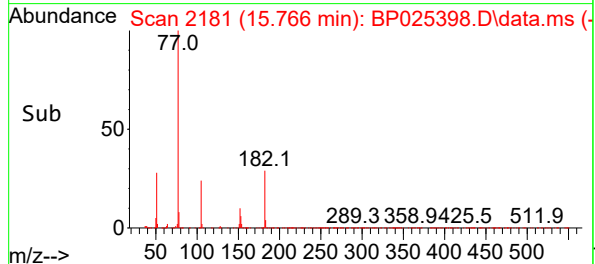
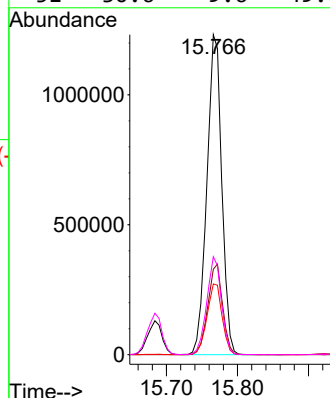
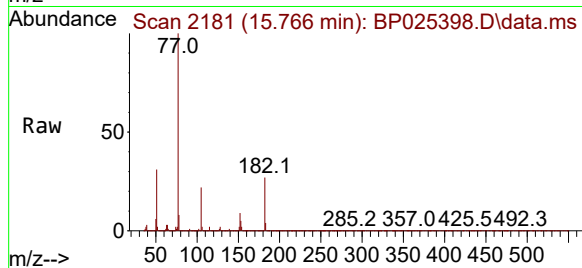




#63
Azobenzene
Concen: 61.242 ng
RT: 15.766 min Scan# 2179
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

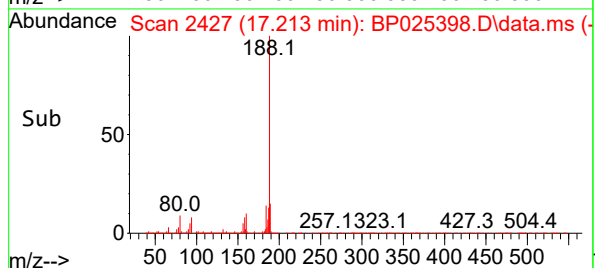
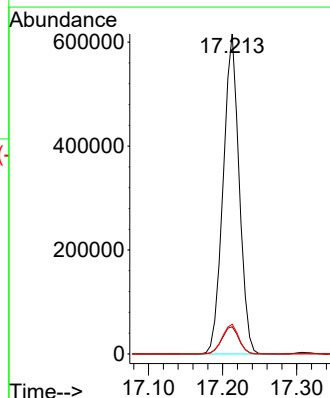
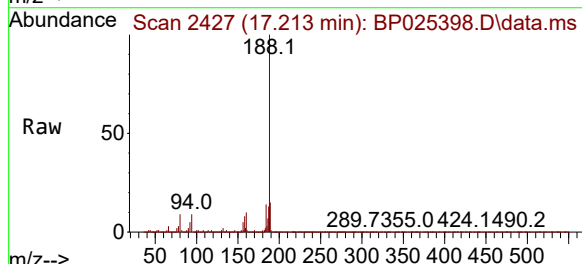
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

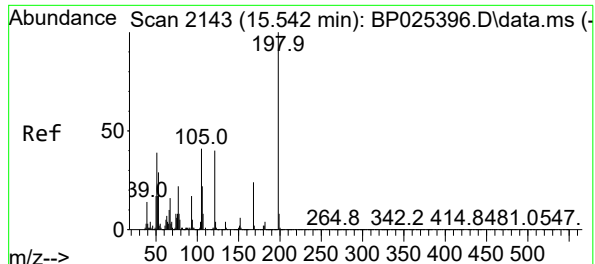
Tgt Ion: 77 Resp: 1796580
Ion Ratio Lower Upper
77 100
182 26.7 7.5 47.5
105 22.1 2.1 42.1
51 30.6 9.6 49.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.213 min Scan# 2427
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion: 188 Resp: 923402
Ion Ratio Lower Upper
188 100
94 8.5 6.6 10.0
80 9.3 6.7 10.1

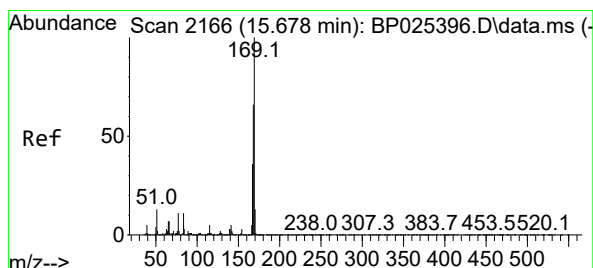
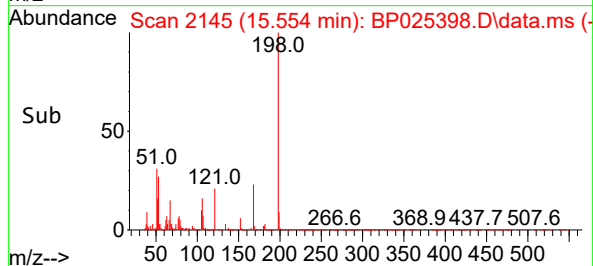
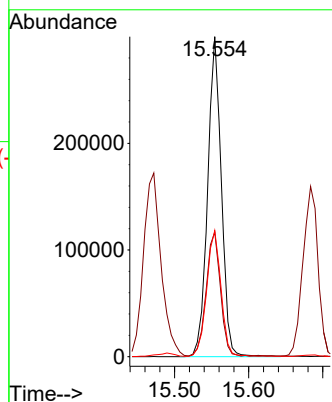
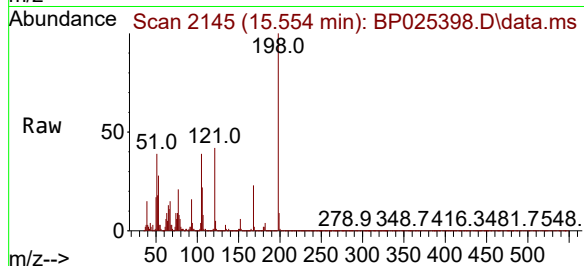




#65
4,6-Dinitro-2-methylphenol
Concen: 67.038 ng
RT: 15.554 min Scan# 2145
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

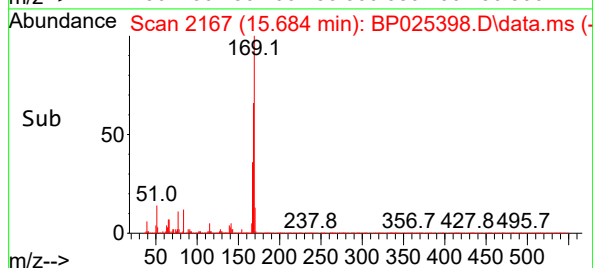
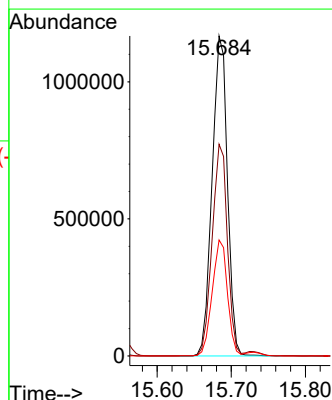
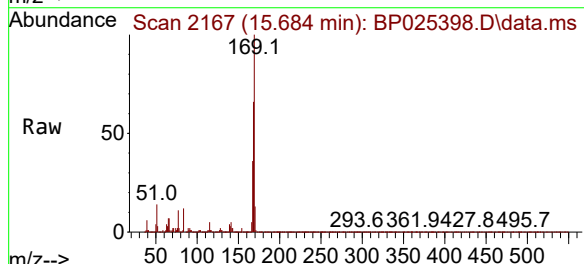
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

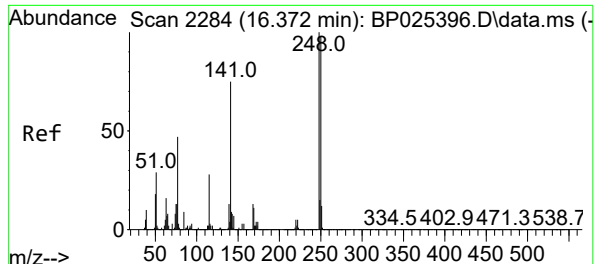
Tgt Ion:198 Resp: 385873
Ion Ratio Lower Upper
198 100
51 38.9 19.6 59.6
105 39.4 20.9 60.9



#66
n-Nitrosodiphenylamine
Concen: 59.478 ng
RT: 15.684 min Scan# 2167
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:169 Resp: 1674806
Ion Ratio Lower Upper
169 100
168 66.1 53.2 79.8
167 36.3 28.7 43.1

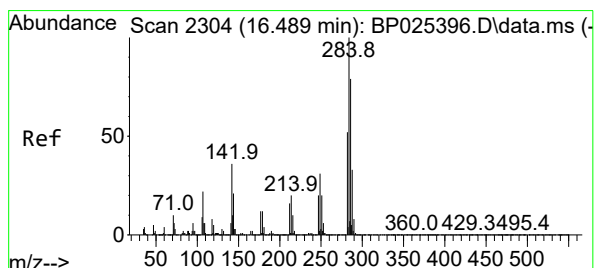
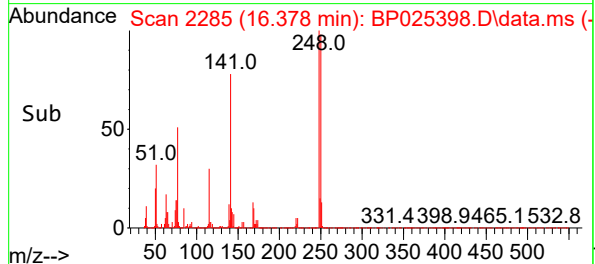
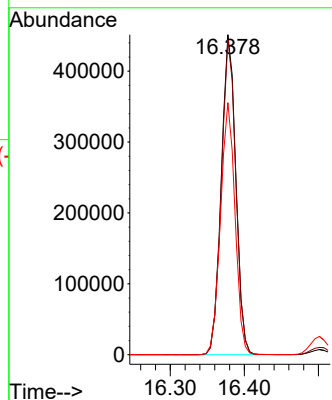
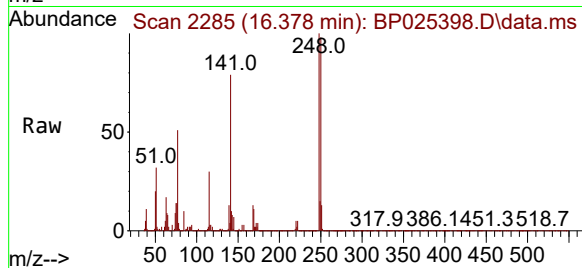




#67
4-Bromophenyl-phenylether
Concen: 60.731 ng
RT: 16.378 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

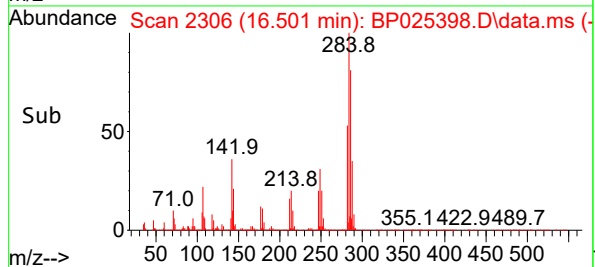
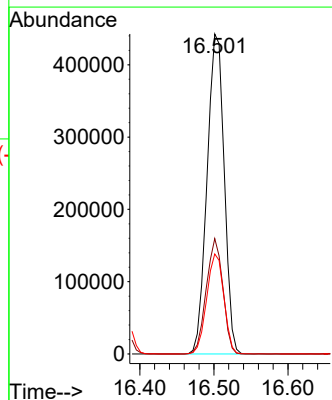
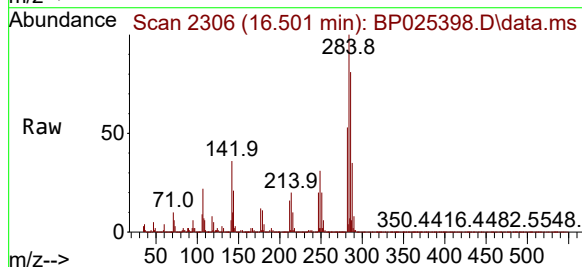
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

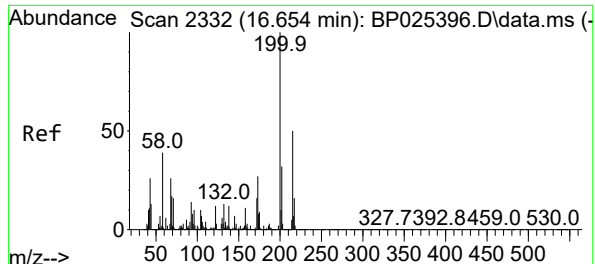
Tgt Ion:248 Resp: 616767
Ion Ratio Lower Upper
248 100
250 98.4 78.2 117.2
141 78.7 59.6 89.4



#68
Hexachlorobenzene
Concen: 60.461 ng
RT: 16.501 min Scan# 2306
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:284 Resp: 711778
Ion Ratio Lower Upper
284 100
142 36.1 29.1 43.7
249 31.3 25.0 37.4





#69

Atrazine

Concen: 60.063 ng

RT: 16.666 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

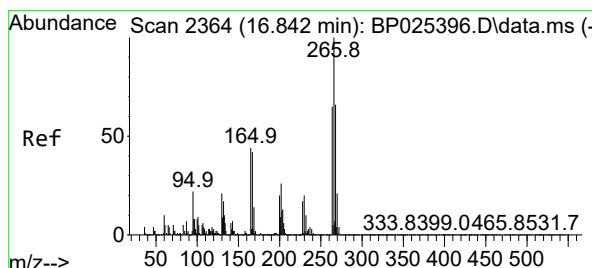
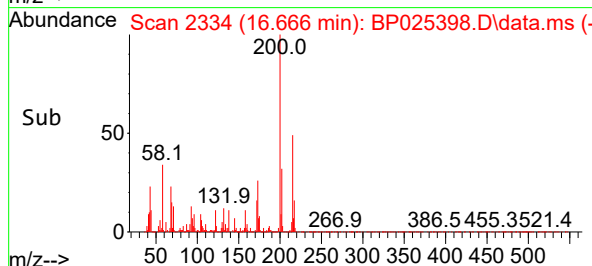
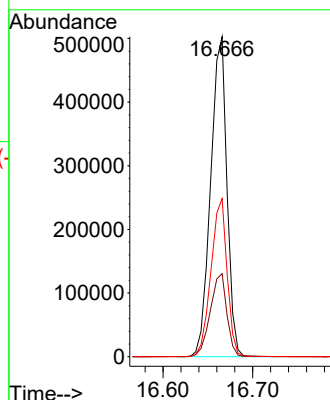
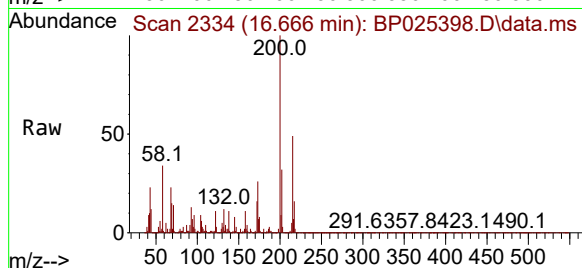
Tgt Ion:200 Resp: 633381

Ion Ratio Lower Upper

200 100

173 26.0 6.7 46.7

215 49.4 29.7 69.7



#70

Pentachlorophenol

Concen: 63.820 ng

RT: 16.854 min Scan# 2366

Delta R.T. 0.012 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

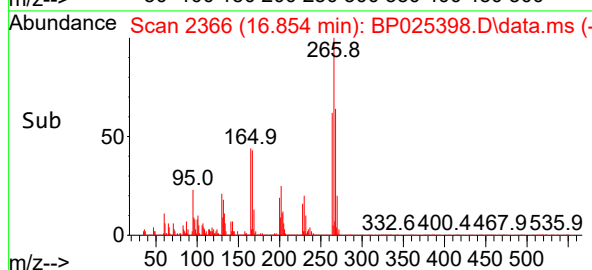
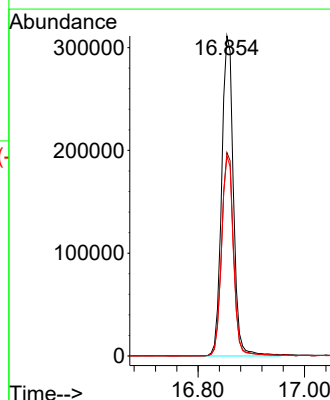
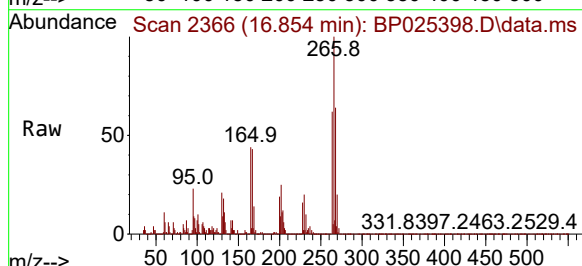
Tgt Ion:266 Resp: 474276

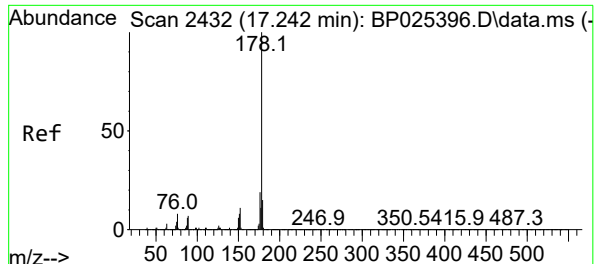
Ion Ratio Lower Upper

266 100

268 63.5 52.6 79.0

264 62.4 52.0 78.0

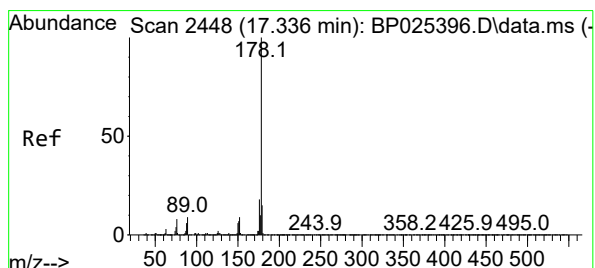
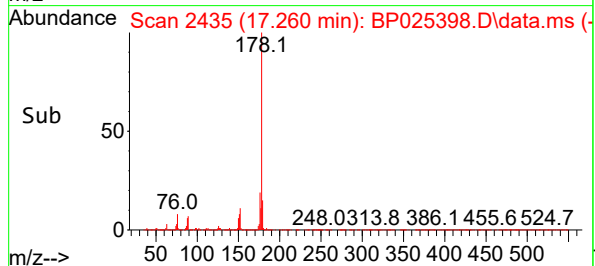
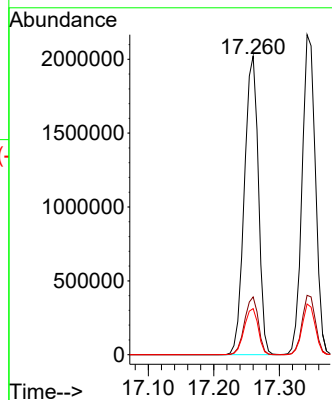
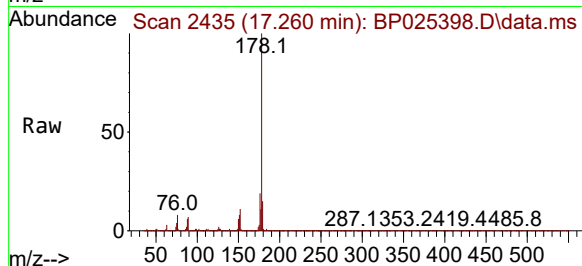




#71
Phenanthrene
Concen: 59.263 ng
RT: 17.260 min Scan# 2435
Delta R.T. 0.018 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

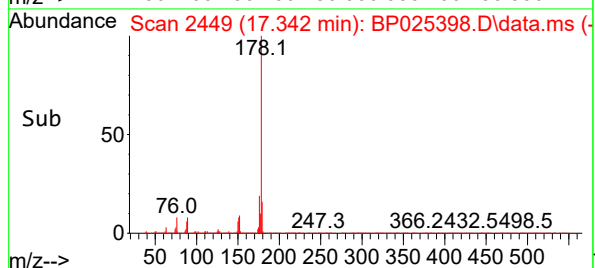
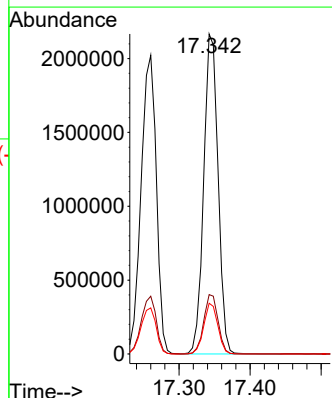
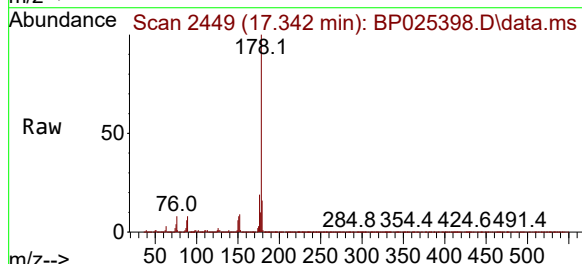
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

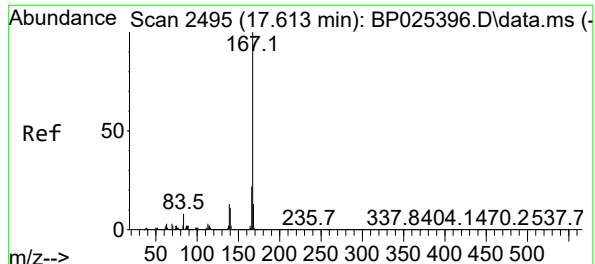
Tgt Ion:178 Resp: 3006132
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.4 12.2 18.4



#72
Anthracene
Concen: 58.895 ng
RT: 17.342 min Scan# 2449
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:178 Resp: 3050794
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 15.9 12.2 18.2

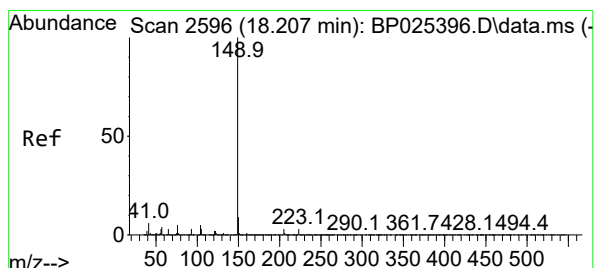
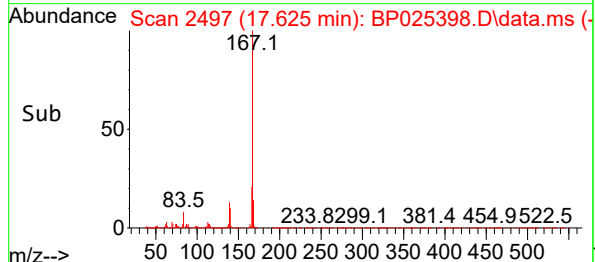
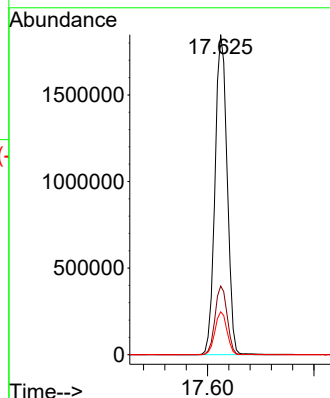
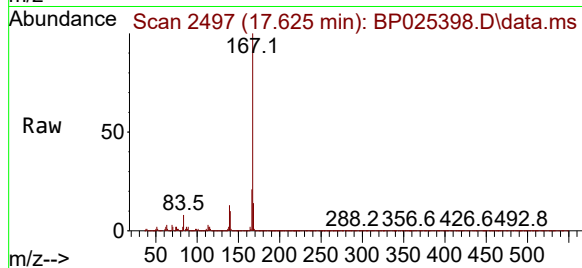




#73
Carbazole
Concen: 59.776 ng
RT: 17.625 min Scan# 2497
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

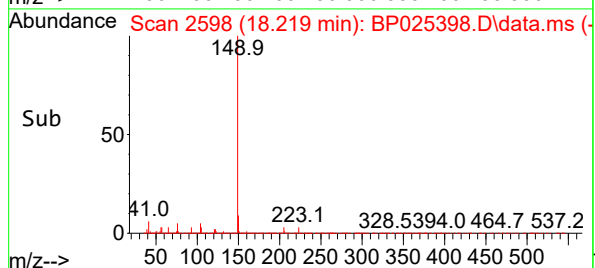
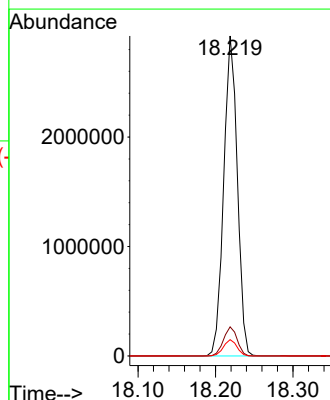
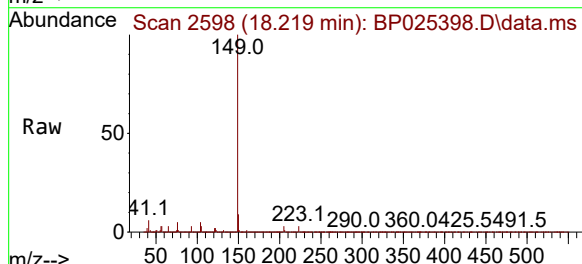
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

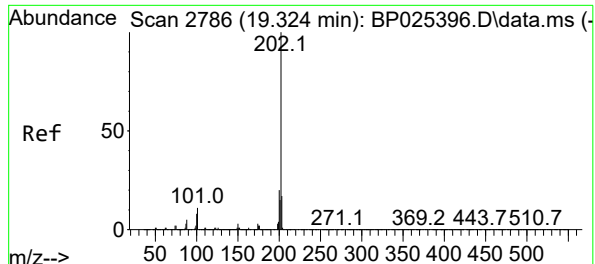
Tgt Ion:167 Resp: 2916606
Ion Ratio Lower Upper
167 100
166 21.4 17.5 26.3
139 13.4 10.6 16.0



#74
Di-n-butylphthalate
Concen: 59.310 ng
RT: 18.219 min Scan# 2598
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:149 Resp: 3560427
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 5.1 4.2 6.2

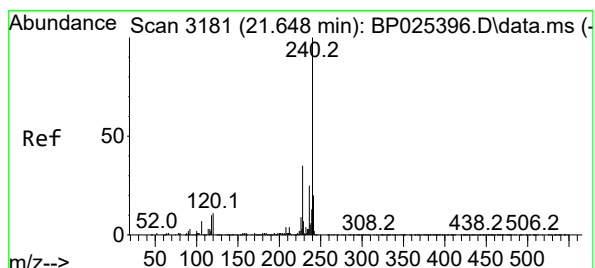
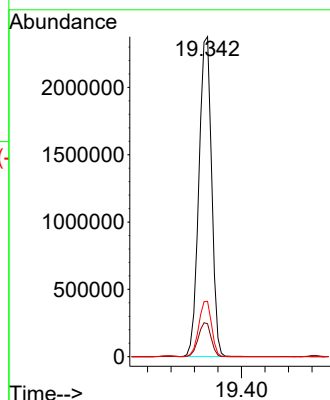
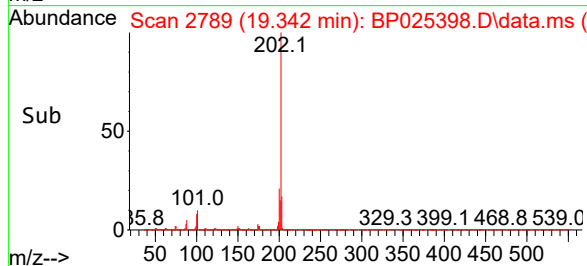
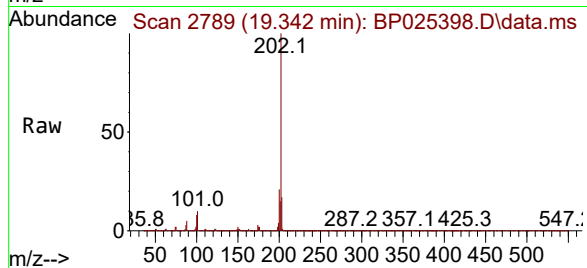




#75
Fluoranthene
Concen: 58.899 ng
RT: 19.342 min Scan# 21
Delta R.T. 0.018 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

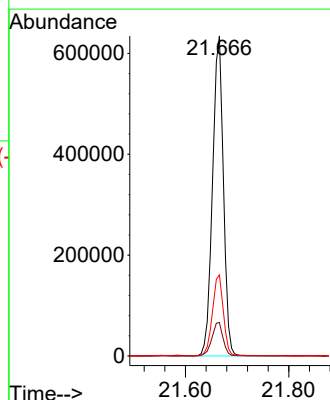
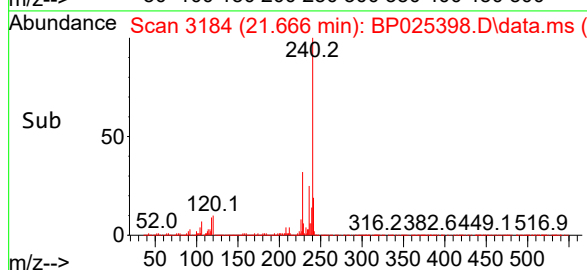
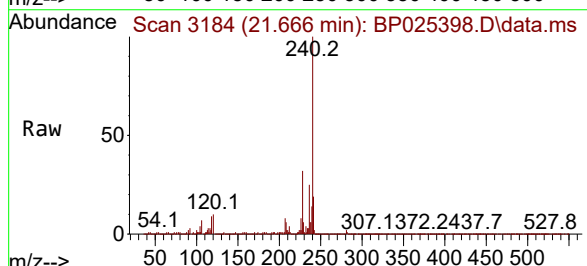
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

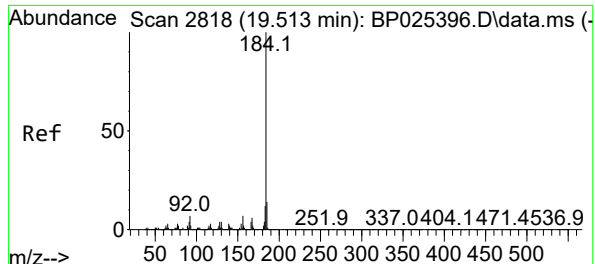
Tgt Ion:202 Resp: 3563798
Ion Ratio Lower Upper
202 100
101 10.3 0.0 31.1
203 17.3 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.666 min Scan# 3184
Delta R.T. 0.018 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:240 Resp: 926019
Ion Ratio Lower Upper
240 100
120 10.5 8.9 13.3
236 25.3 19.8 29.8

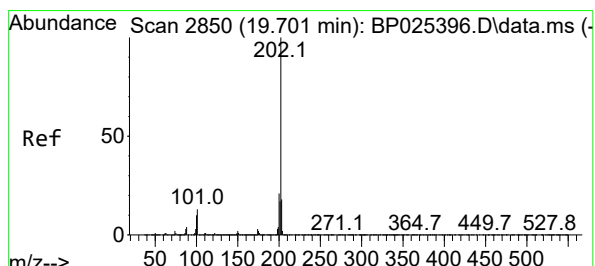
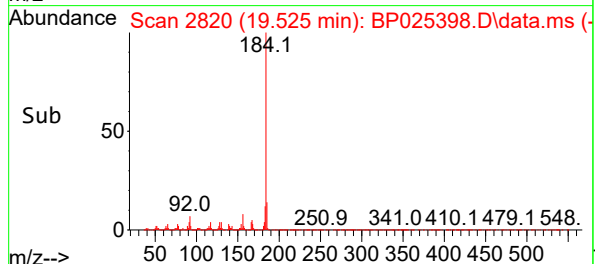
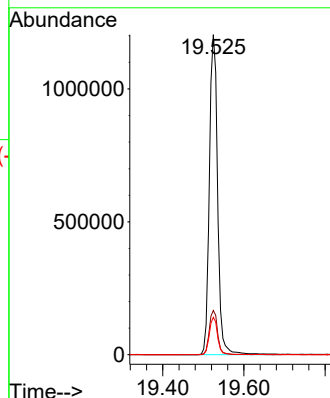
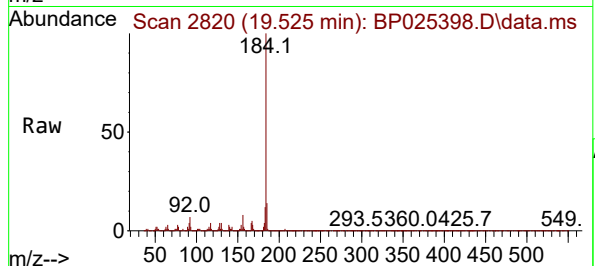




#77
Benzidine
Concen: 53.489 ng
RT: 19.525 min Scan# 2818
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

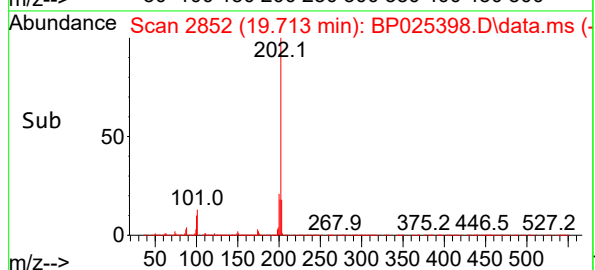
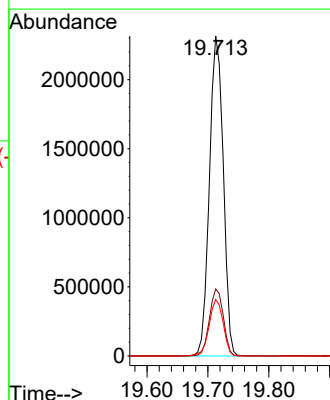
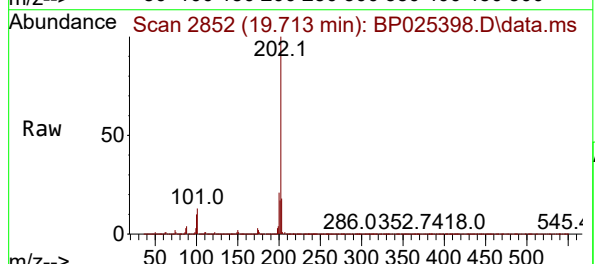
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

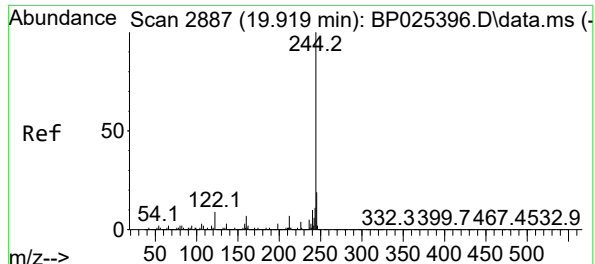
Tgt Ion:184 Resp: 1690432
Ion Ratio Lower Upper
184 100
185 13.8 11.5 17.3
183 11.7 9.4 14.2



#78
Pyrene
Concen: 60.883 ng
RT: 19.713 min Scan# 2852
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:202 Resp: 3664453
Ion Ratio Lower Upper
202 100
200 20.9 16.9 25.3
203 17.7 14.2 21.2

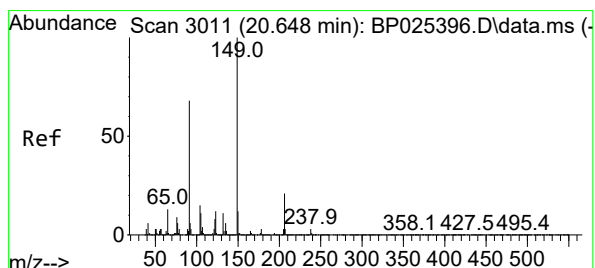
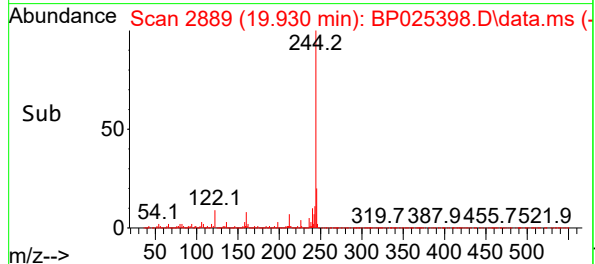
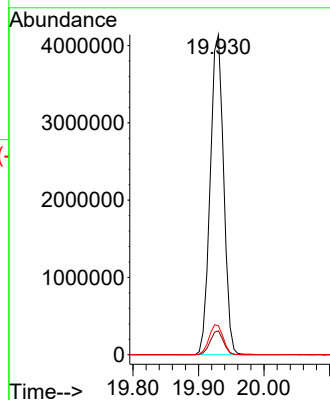
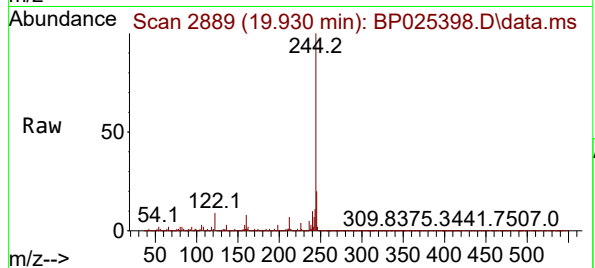




#79
Terphenyl-d14
Concen: 116.490 ng
RT: 19.930 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

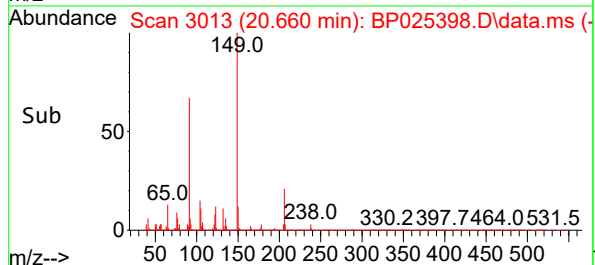
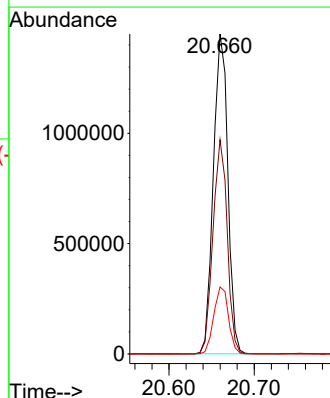
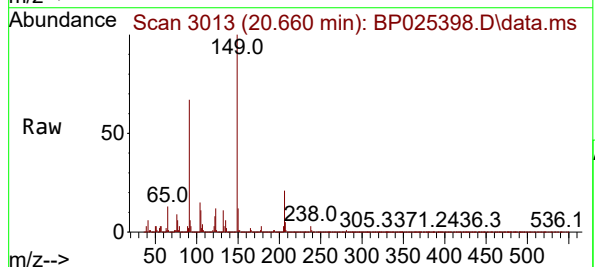
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

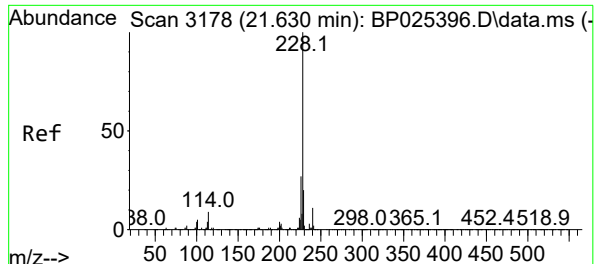
Tgt Ion:244 Resp: 5896004
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.6
122 9.0 7.4 11.2



#80
Butylbenzylphthalate
Concen: 62.697 ng
RT: 20.660 min Scan# 3013
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:149 Resp: 1710246
Ion Ratio Lower Upper
149 100
91 66.9 54.2 81.2
206 20.9 16.6 24.8

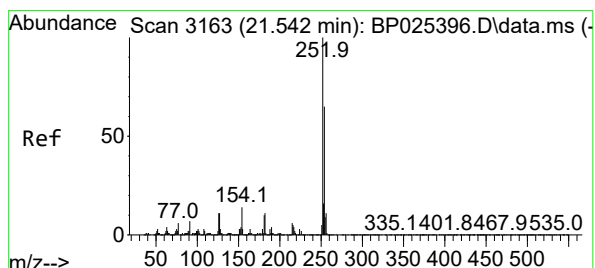
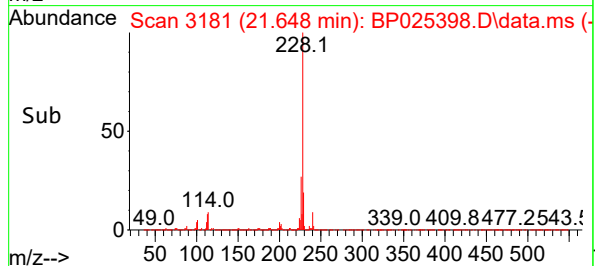
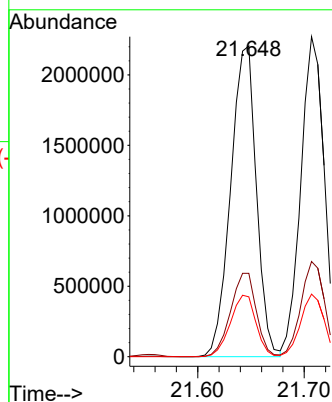
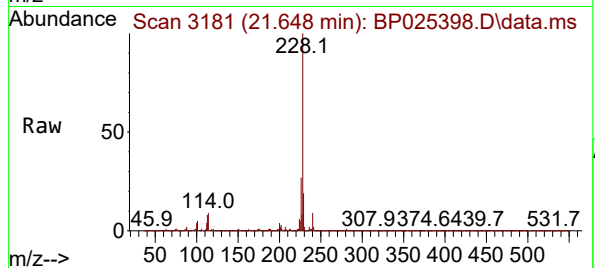




#81
Benzo(a)anthracene
Concen: 60.619 ng
RT: 21.648 min Scan# 3181
Delta R.T. 0.018 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

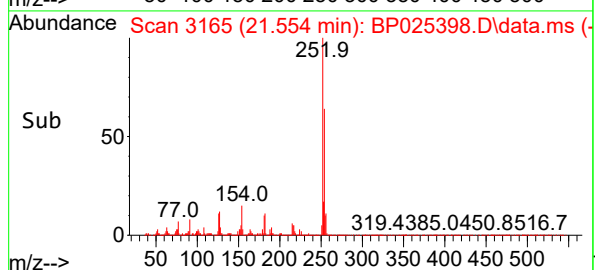
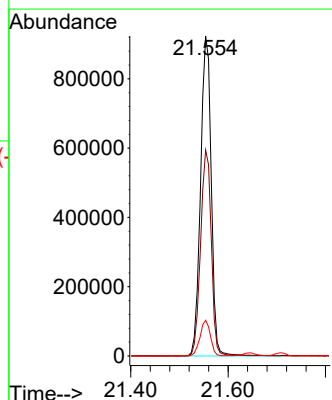
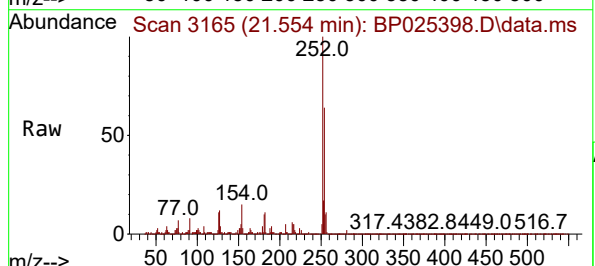
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

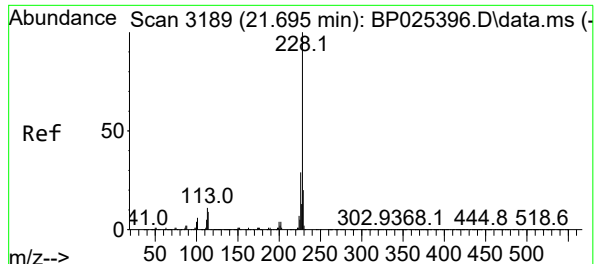
Tgt Ion:228 Resp: 3702064
Ion Ratio Lower Upper
228 100
226 26.8 21.7 32.5
229 19.2 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 61.062 ng
RT: 21.554 min Scan# 3165
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:252 Resp: 1405597
Ion Ratio Lower Upper
252 100
254 64.4 51.8 77.6
126 11.2 9.1 13.7





#83

Chrysene

Concen: 60.387 ng

RT: 21.707 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

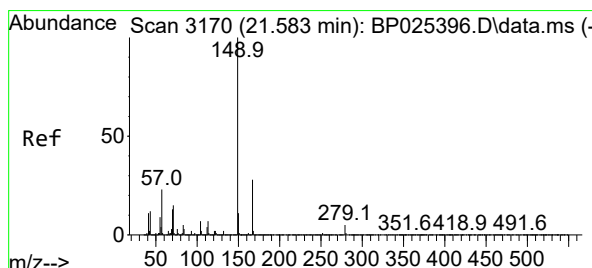
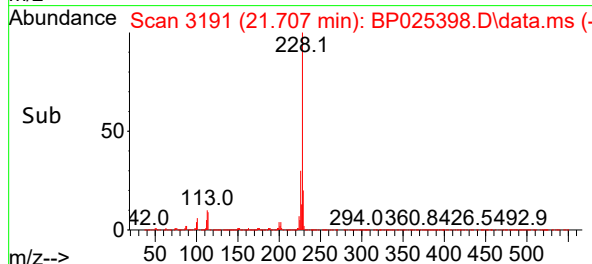
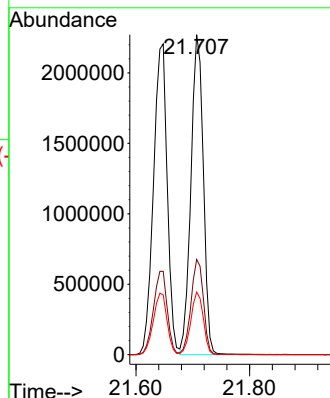
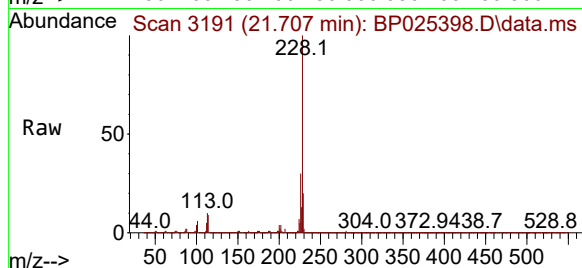
Tgt Ion:228 Resp: 3453736

Ion Ratio Lower Upper

228 100

226 29.7 23.2 34.8

229 19.6 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.038 ng

RT: 21.583 min Scan# 3170

Delta R.T. 0.000 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

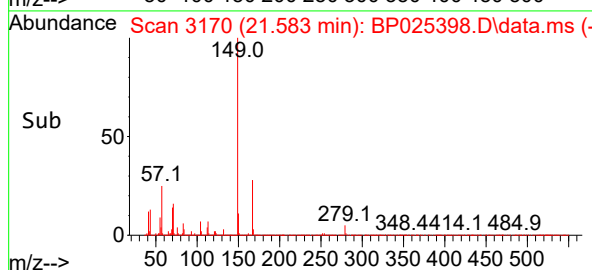
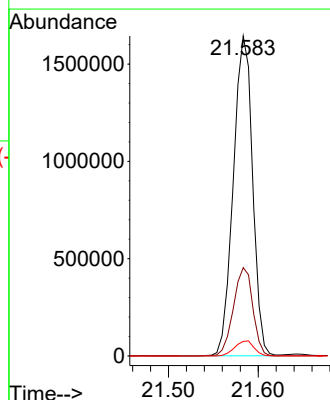
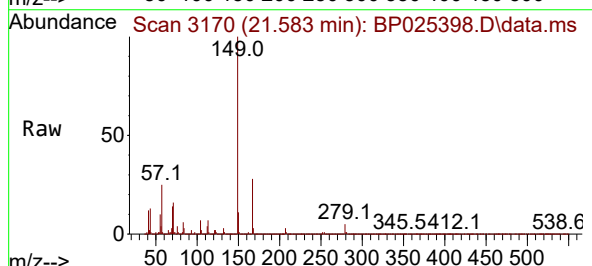
Tgt Ion:149 Resp: 2450963

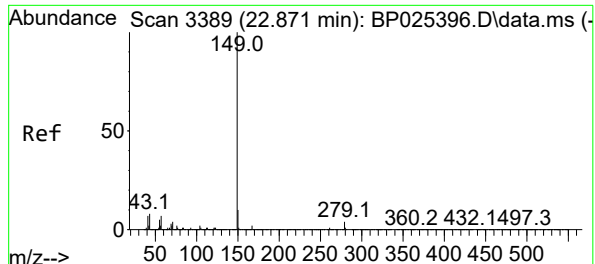
Ion Ratio Lower Upper

149 100

167 27.6 22.1 33.1

279 4.6 3.8 5.6

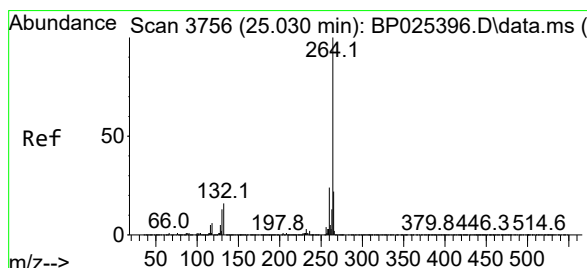
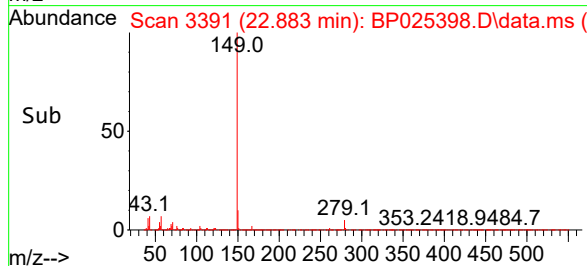
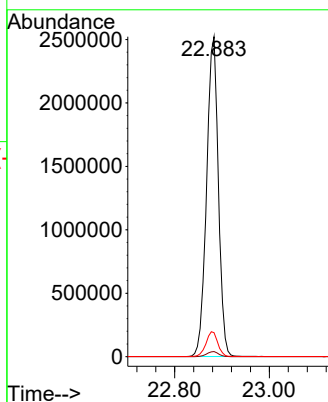
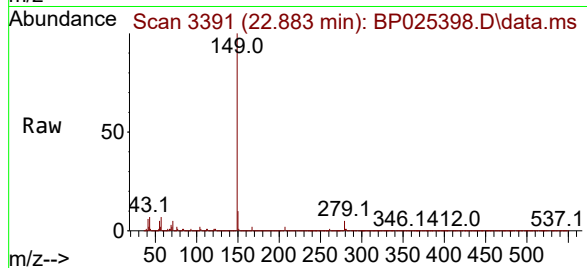




#85
Di-n-octyl phthalate
Concen: 62.869 ng
RT: 22.883 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

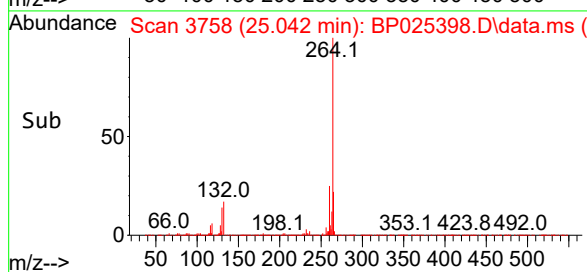
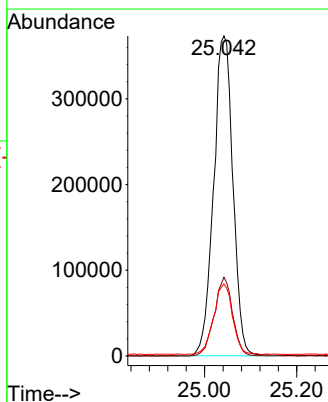
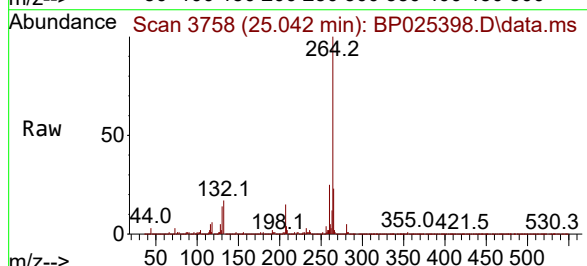
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

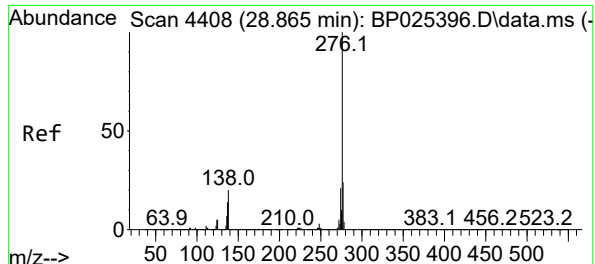
Tgt Ion:149 Resp: 4342211
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.8 6.3 9.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.042 min Scan# 3758
Delta R.T. 0.012 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:264 Resp: 1081163
Ion Ratio Lower Upper
264 100
260 24.6 19.3 28.9
265 22.5 17.4 26.0

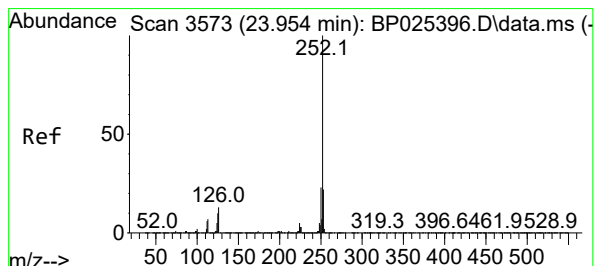
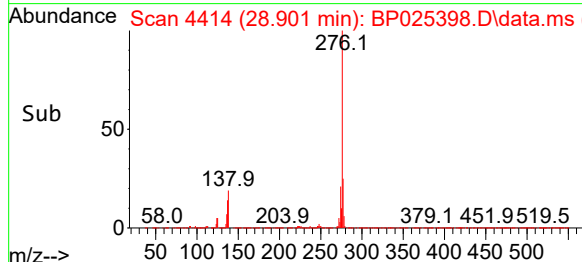
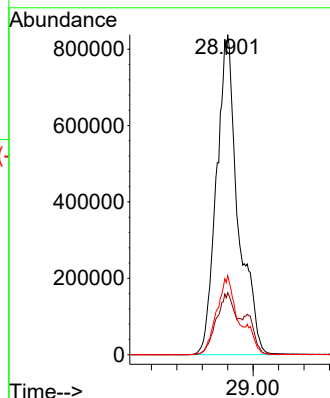
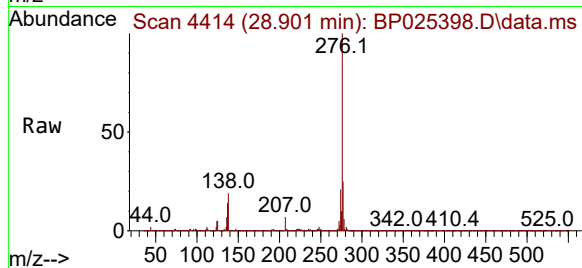




#87
Indeno(1,2,3-cd)pyrene
Concen: 62.248 ng
RT: 28.901 min Scan# 4408
Delta R.T. 0.035 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

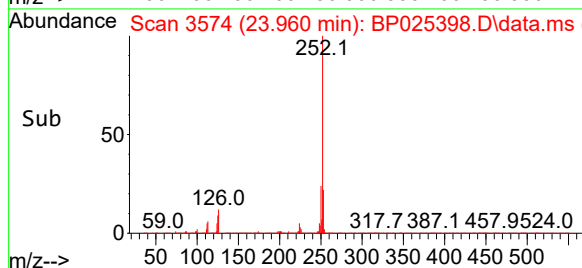
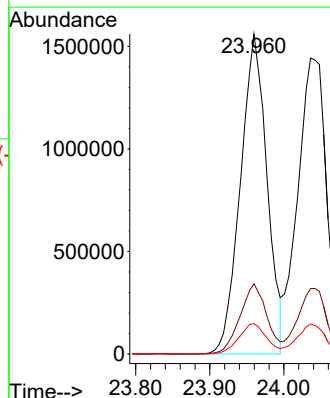
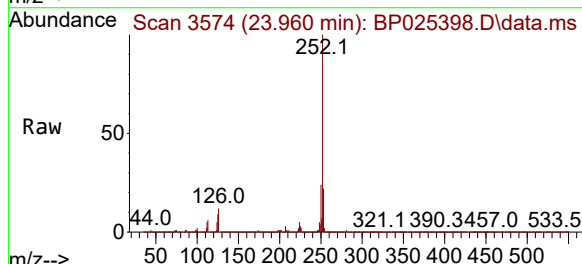
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

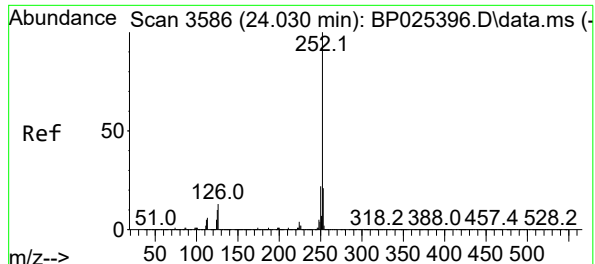
Tgt Ion:276 Resp: 4937235
Ion Ratio Lower Upper
276 100
138 18.5 12.9 19.3
277 22.4 17.0 25.6



#88
Benzo(b)fluoranthene
Concen: 60.914 ng
RT: 23.960 min Scan# 3574
Delta R.T. 0.006 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion:252 Resp: 3883465
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 9.4 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 61.334 ng

RT: 24.036 min Scan# 3

Delta R.T. 0.006 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

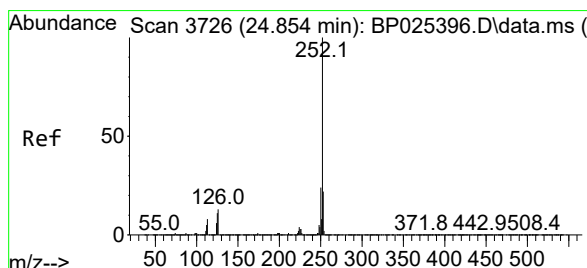
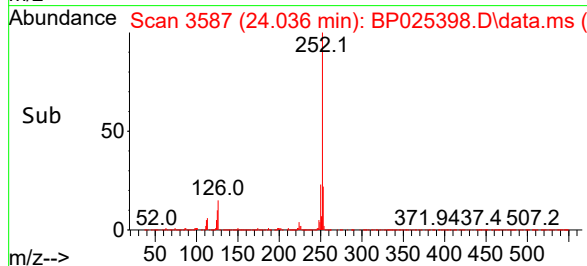
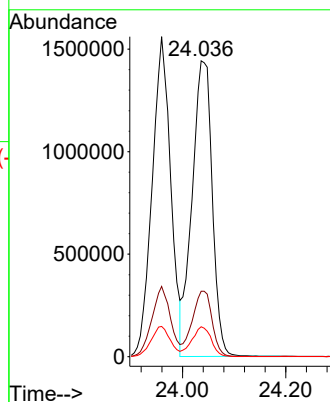
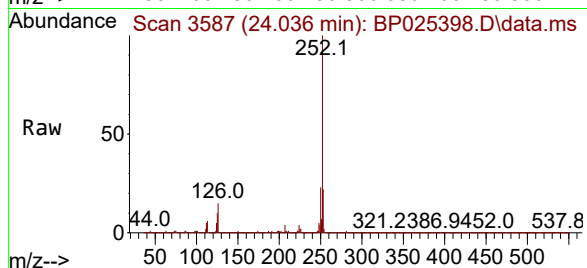
Tgt Ion:252 Resp: 3912900

Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

125 10.1 7.8 11.6



#90

Benzo(a)pyrene

Concen: 61.959 ng

RT: 24.883 min Scan# 3731

Delta R.T. 0.030 min

Lab File: BP025398.D

Acq: 14 Aug 2025 16:42

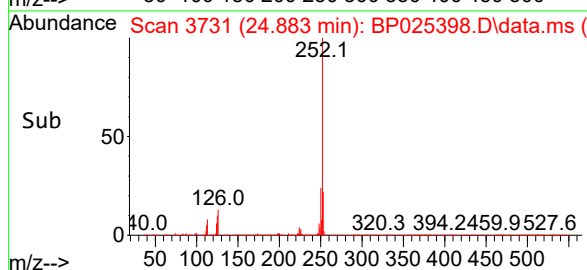
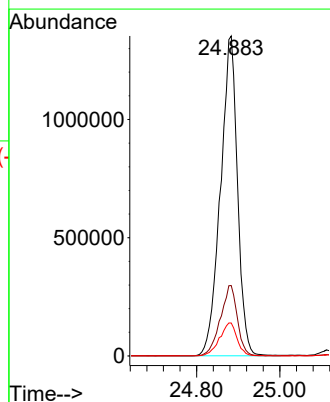
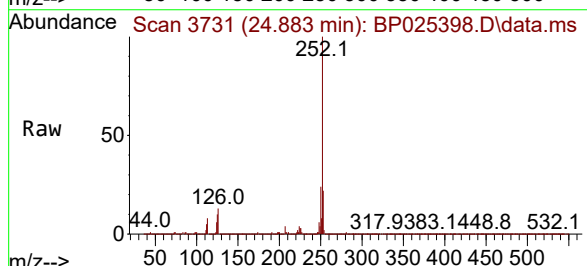
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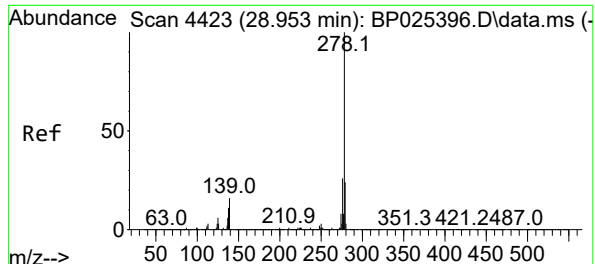
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 10.3 8.7 13.1

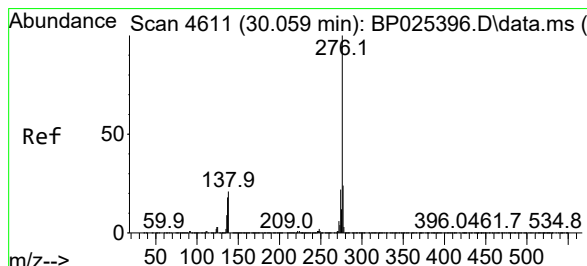
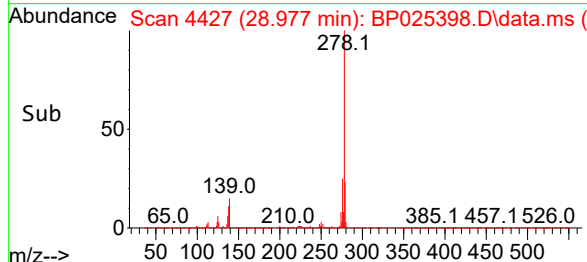
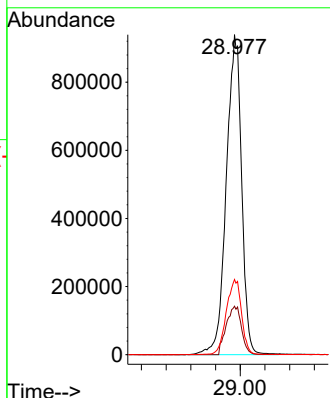
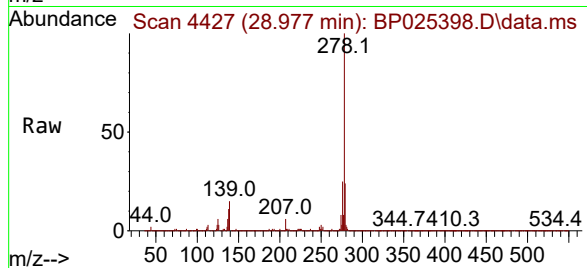




#91
Dibenzo(a,h)anthracene
Concen: 62.280 ng
RT: 28.977 min Scan# 4423
Delta R.T. 0.024 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

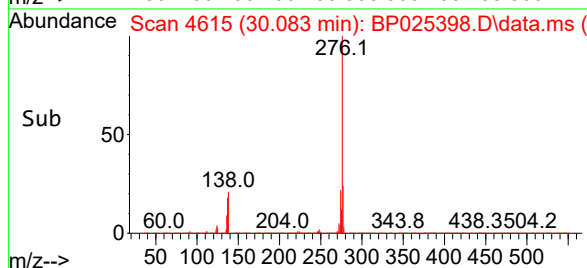
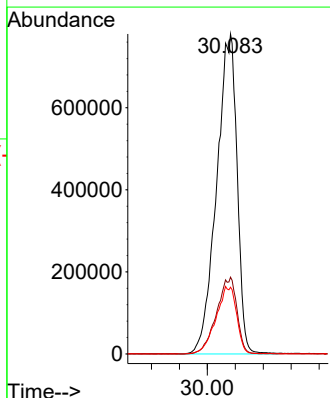
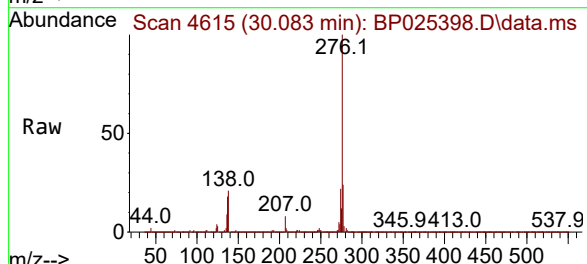
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 278 Resp: 4035414
Ion Ratio Lower Upper
278 100
139 15.1 13.0 19.4
279 23.5 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 62.159 ng
RT: 30.083 min Scan# 4615
Delta R.T. 0.024 min
Lab File: BP025398.D
Acq: 14 Aug 2025 16:42

Tgt Ion: 276 Resp: 3958545
Ion Ratio Lower Upper
276 100
277 24.0 19.4 29.0
138 20.8 16.7 25.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025399.D
 Acq On : 14 Aug 2025 17:24
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 17:59:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 17:44:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	159148	20.000	ng	0.00
21) Naphthalene-d8	10.566	136	673018	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	436046	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	856946	20.000	ng	# 0.00
76) Chrysene-d12	21.660	240	888879	20.000	ng	0.01
86) Perylene-d12	25.030	264	1037707	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1526166	159.254	ng	0.00
7) Phenol-d6	6.972	99	1989633	161.937	ng	0.00
23) Nitrobenzene-d5	8.937	82	2123522	159.609	ng	0.00
42) 2,4,6-Tribromophenol	15.913	330	936489	159.559	ng	0.00
45) 2-Fluorobiphenyl	13.019	172	4712591	147.705	ng	0.00
79) Terphenyl-d14	19.930	244	7103816	146.217	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.337	88	291527	77.664	ng	99
3) Pyridine	3.731	79	807269	78.572	ng	97
4) n-Nitrosodimethylamine	3.637	42	344349	81.296	ng	99
6) Aniline	7.131	93	1333221	80.538	ng	100
8) 2-Chlorophenol	7.372	128	877073	81.104	ng	99
9) Benzaldehyde	6.943	77	582344	67.651	ng	98
10) Phenol	7.002	94	1040534	80.710	ng	98
11) bis(2-Chloroethyl)ether	7.219	93	798672	79.481	ng	99
12) 1,3-Dichlorobenzene	7.684	146	950596	79.718	ng	98
13) 1,4-Dichlorobenzene	7.825	146	961421	78.882	ng	99
14) 1,2-Dichlorobenzene	8.143	146	922658	78.203	ng	99
15) Benzyl Alcohol	8.031	79	795618	81.498	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.319	45	1059824	78.732	ng	99
17) 2-Methylphenol	8.225	107	734482	82.028	ng	100
18) Hexachloroethane	8.866	117	355791	79.395	ng	94
19) n-Nitroso-di-n-propyla...	8.596	70	636387	78.102	ng	99
20) 3+4-Methylphenols	8.555	107	1005632	81.023	ng	97
22) Acetophenone	8.607	105	1314548	77.886	ng	99
24) Nitrobenzene	8.978	77	947511	79.686	ng	99
25) Isophorone	9.507	82	1829675	77.708	ng	99
26) 2-Nitrophenol	9.678	139	511806	83.872	ng	99
27) 2,4-Dimethylphenol	9.743	122	842467	80.280	ng	100
28) bis(2-Chloroethoxy)met...	9.972	93	1103640	77.542	ng	99
29) 2,4-Dichlorophenol	10.213	162	844787	81.037	ng	99
30) 1,2,4-Trichlorobenzene	10.425	180	892771	78.123	ng	98
31) Naphthalene	10.613	128	2722703	77.835	ng	99
32) Benzoic acid	9.901	122	686791	88.861	ng	99
33) 4-Chloroaniline	10.713	127	1232431	79.761	ng	100
34) Hexachlorobutadiene	10.901	225	557922	78.393	ng	99
35) Caprolactam	11.519	113	302874	79.233	ng	95
36) 4-Chloro-3-methylphenol	11.843	107	949779	79.399	ng	99
37) 2-Methylnaphthalene	12.213	142	1761325	77.372	ng	99
38) 1-Methylnaphthalene	12.437	142	1844376	76.186	ng	99
40) 1,2,4,5-Tetrachloroben...	12.584	216	995064	79.014	ng	100
41) Hexachlorocyclopentadiene	12.572	237	668771	87.916	ng	99
43) 2,4,6-Trichlorophenol	12.825	196	706484	83.096	ng	98

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 Data File : BP025399.D
 Acq On : 14 Aug 2025 17:24
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 17:59:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 17:44:43 2025
 Response via : Initial Calibration

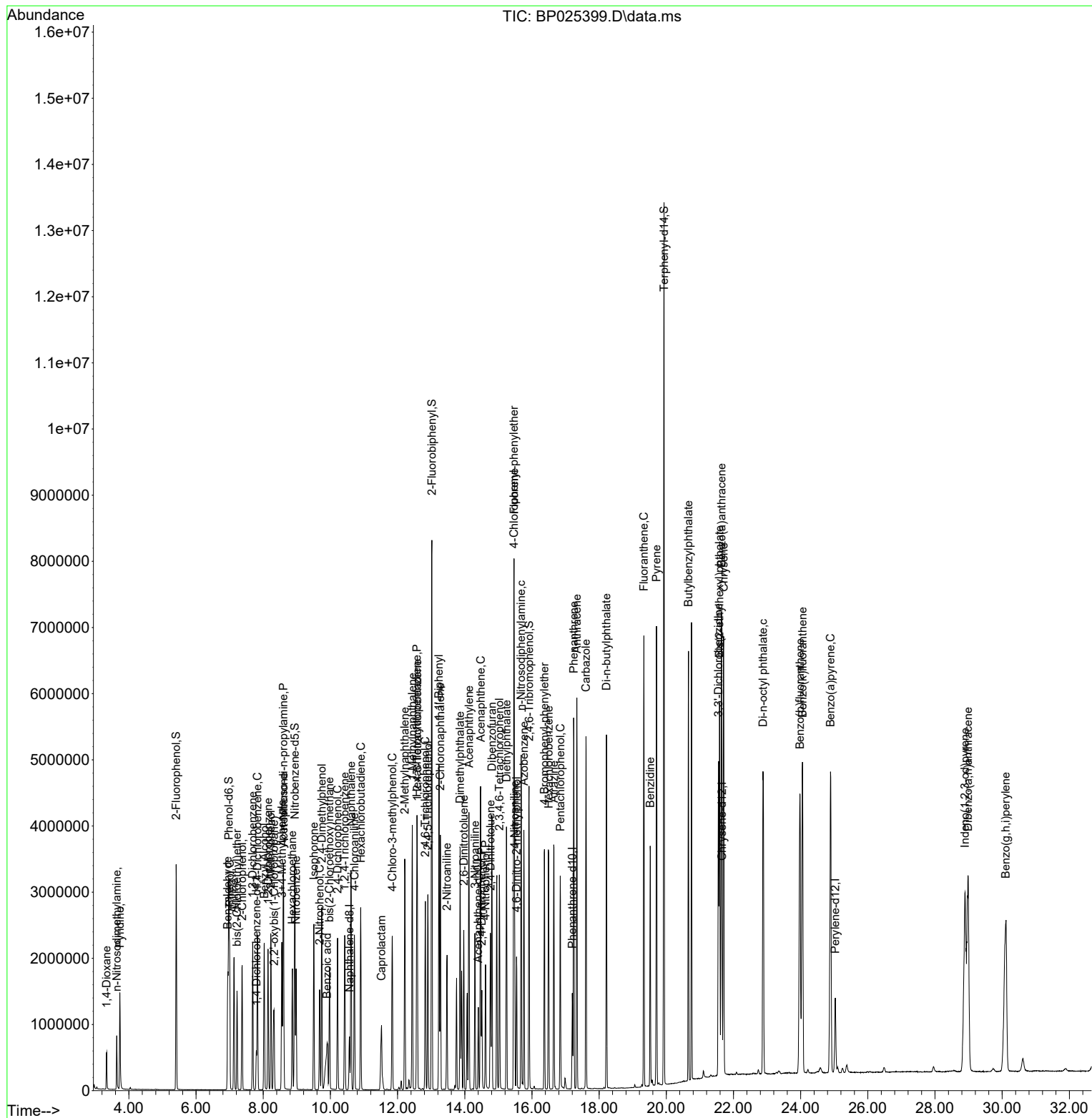
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	762861	81.870	ng	99
46) 1,1'-Biphenyl	13.231	154	2453536	77.476	ng	99
47) 2-Chloronaphthalene	13.272	162	1918120	77.804	ng	100
48) 2-Nitroaniline	13.472	65	594696	82.788	ng	96
49) Acenaphthylene	14.125	152	3194918	78.318	ng	100
50) Dimethylphthalate	13.860	163	2446951	76.632	ng	99
51) 2,6-Dinitrotoluene	13.972	165	542710	80.639	ng	99
52) Acenaphthene	14.472	154	1841448	76.902	ng	99
53) 3-Nitroaniline	14.301	138	618087	81.627	ng	100
54) 2,4-Dinitrophenol	14.507	184	339125	94.356	ng	100
55) Dibenzofuran	14.807	168	2915933	77.023	ng	99
56) 4-Nitrophenol	14.619	139	520294	83.618	ng	96
57) 2,4-Dinitrotoluene	14.766	165	791214	82.399	ng	99
58) Fluorene	15.466	166	2185593	73.164	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.031	232	661890	80.448	ng	100
60) Diethylphthalate	15.242	149	2494087	76.870	ng	100
61) 4-Chlorophenyl-phenyle...	15.460	204	1105157	74.388	ng	97
62) 4-Nitroaniline	15.484	138	626525	80.710	ng	97
63) Azobenzene	15.760	77	2139674	77.017	ng	99
65) 4,6-Dinitro-2-methylph...	15.542	198	472602	88.473	ng	93
66) n-Nitrosodiphenylamine	15.678	169	2034782	77.866	ng	100
67) 4-Bromophenyl-phenylether	16.372	248	745915	79.144	ng	98
68) Hexachlorobenzene	16.495	284	860051	78.721	ng	97
69) Atrazine	16.654	200	783533	80.064	ng	98
70) Pentachlorophenol	16.842	266	589673	85.502	ng	98
71) Phenanthrene	17.242	178	3623454	76.972	ng	99
72) Anthracene	17.336	178	3702277	77.014	ng	99
73) Carbazole	17.607	167	3503273	77.368	ng	99
74) Di-n-butylphthalate	18.219	149	4336701	77.844	ng	100
75) Fluoranthene	19.330	202	4313301	76.815	ng	99
77) Benzidine	19.525	184	2036246	67.124	ng	99
78) Pyrene	19.707	202	4410693	76.343	ng	99
80) Butylbenzylphthalate	20.660	149	2054404	78.460	ng	97
81) Benzo(a)anthracene	21.642	228	4532763	77.322	ng	100
82) 3,3'-Dichlorobenzidine	21.554	252	1705746	77.197	ng	100
83) Chrysene	21.707	228	4218161	76.835	ng	99
84) Bis(2-ethylhexyl)phtha...	21.583	149	3021891	78.400	ng	100
85) Di-n-octyl phthalate	22.877	149	5302080	79.974	ng	100
87) Indeno(1,2,3-cd)pyrene	28.895	276	6168570m	81.030	ng	
88) Benzo(b)fluoranthene	23.977	252	4876398	79.692	ng	100
89) Benzo(k)fluoranthene	24.054	252	4734637	77.323	ng	99
90) Benzo(a)pyrene	24.889	252	4735685	79.505	ng	99
91) Dibenzo(a,h)anthracene	28.983	278	5046260	81.142	ng	99
92) Benzo(g,h,i)perylene	30.106	276	4949477	80.973	ng	98

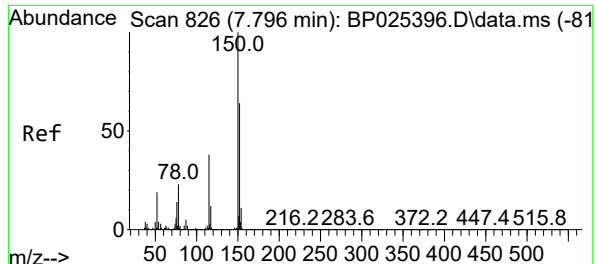
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Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

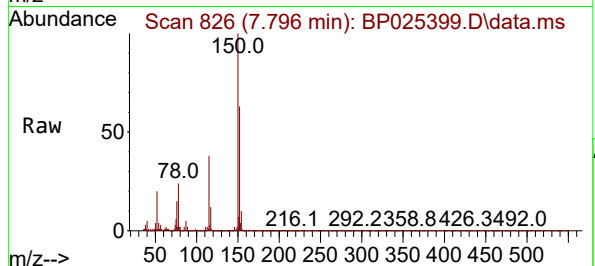
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jaagrut Upadhyay 08/15/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.796 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

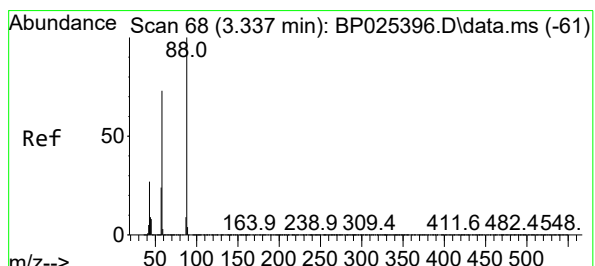
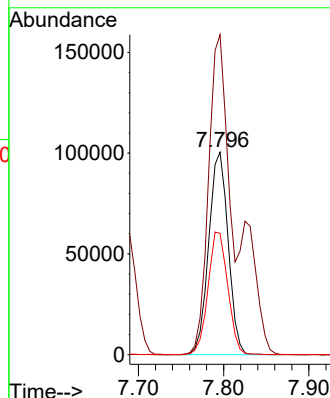
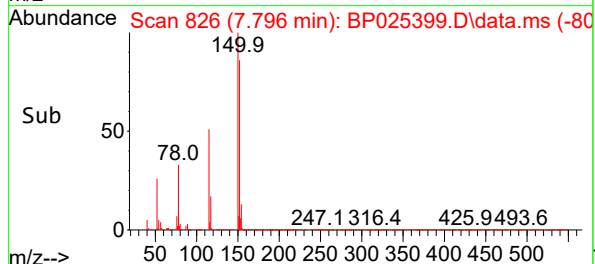
Instrument :
BNA_P
Client Sample Id :
SSTDICC080



Tgt Ion: 152 Resp: 15914
Ion Ratio Lower Upper
152 100
150 157.9 125.9 188.9
115 59.9 48.5 72.7

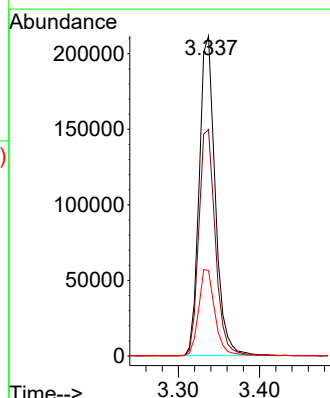
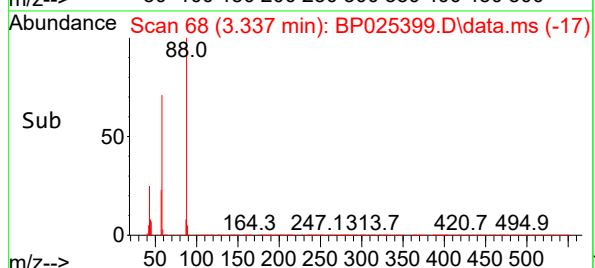
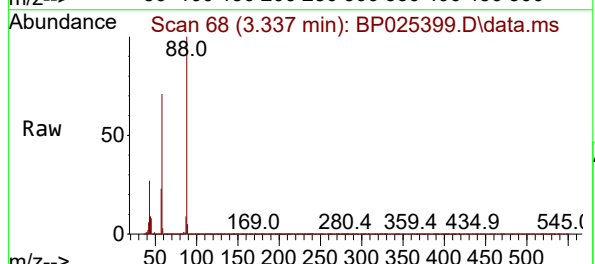
Manual Integrations
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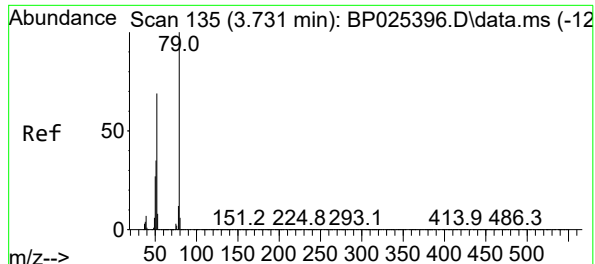
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#2
1,4-Dioxane
Concen: 77.664 ng
RT: 3.337 min Scan# 68
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

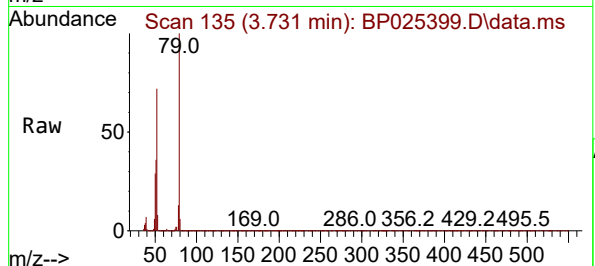
Tgt Ion: 88 Resp: 291527
Ion Ratio Lower Upper
88 100
58 73.3 59.2 88.8
43 27.4 21.7 32.5





#3
Pyridine
Concen: 78.572 ng
RT: 3.731 min Scan# 119
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

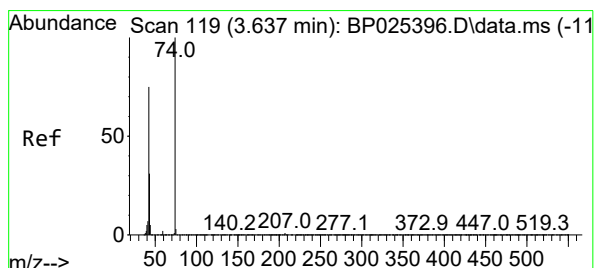
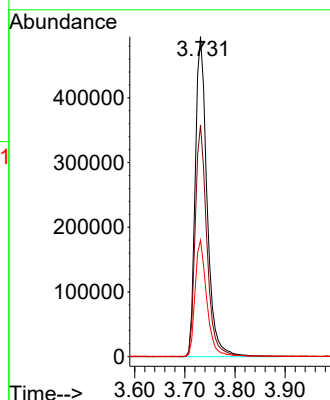
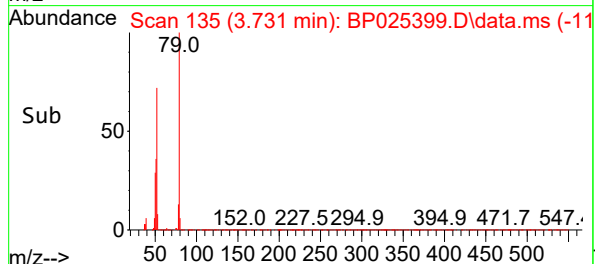
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 79 Resp: 807269
Ion Ratio Lower Upper
79 100
52 72.4 55.5 83.3
51 36.4 28.3 42.5

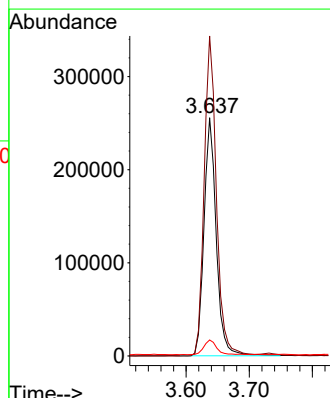
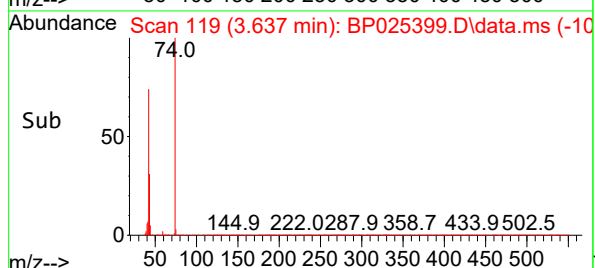
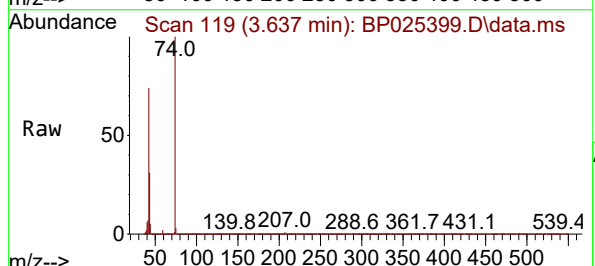
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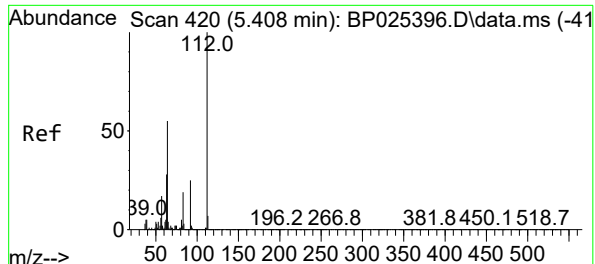
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#4
n-Nitrosodimethylamine
Concen: 81.296 ng
RT: 3.637 min Scan# 119
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

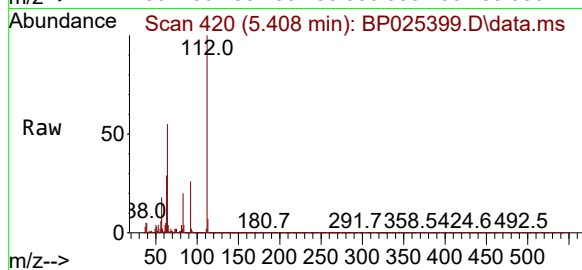
Tgt Ion: 42 Resp: 344349
Ion Ratio Lower Upper
42 100
74 134.3 107.0 160.4
44 6.7 6.2 9.4





#5
2-Fluorophenol
Concen: 159.254 ng
RT: 5.408 min Scan# 41
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

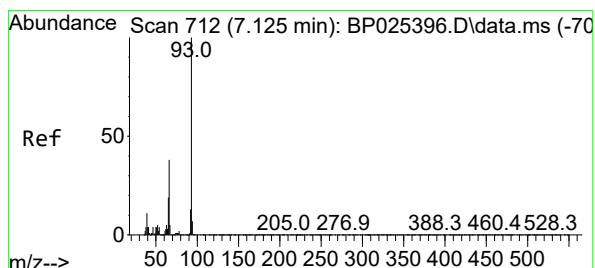
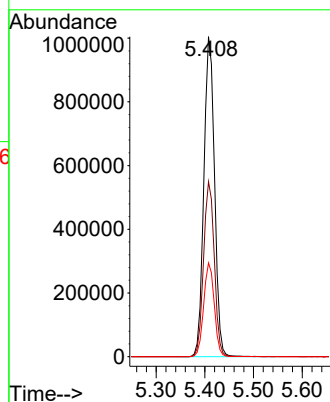
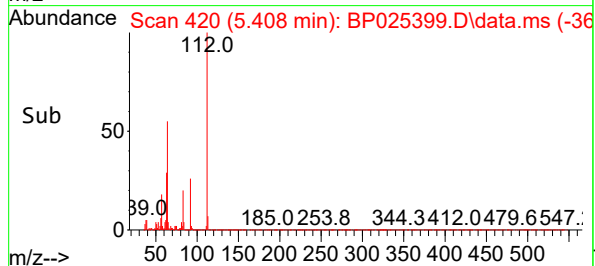
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 112 Resp: 152616
Ion Ratio Lower Upper
112 100
64 54.7 43.8 65.8
63 29.3 22.7 34.1

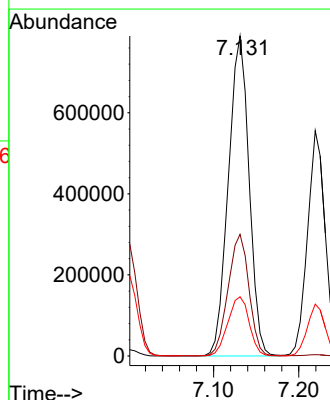
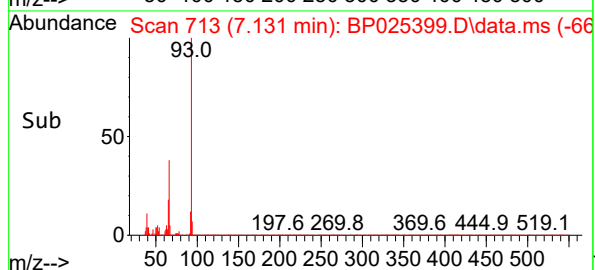
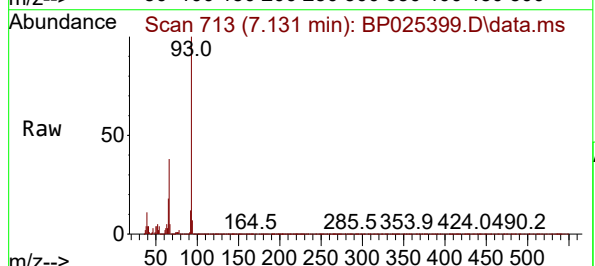
Manual Integrations
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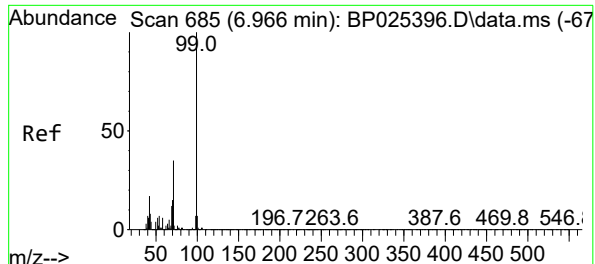
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#6
Aniline
Concen: 80.538 ng
RT: 7.131 min Scan# 713
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

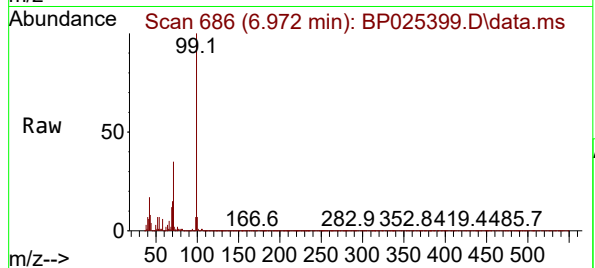
Tgt Ion: 93 Resp: 1333221
Ion Ratio Lower Upper
93 100
66 38.0 30.4 45.6
65 18.5 15.3 22.9





#7
Phenol-d6
Concen: 161.937 ng
RT: 6.972 min Scan# 685
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

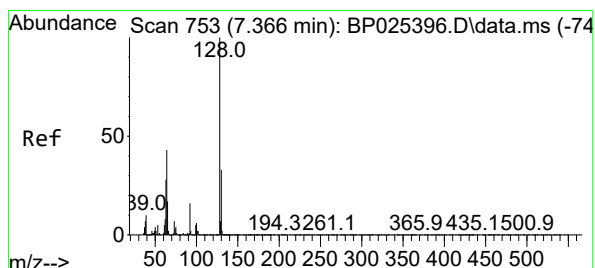
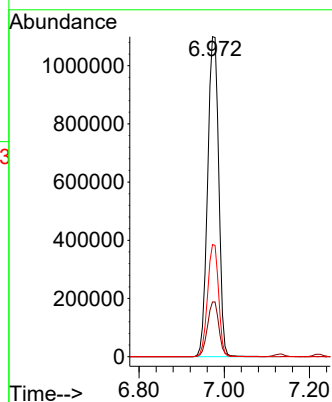
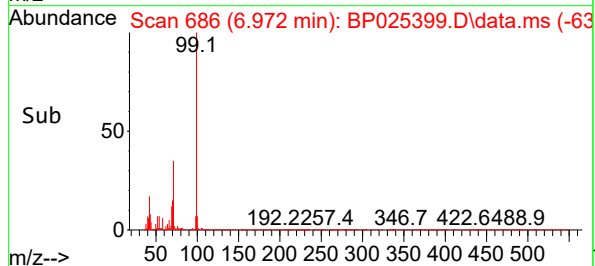
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 99 Resp: 198963
Ion Ratio Lower Upper
99 100
42 17.1 13.7 20.5
71 35.1 28.2 42.4

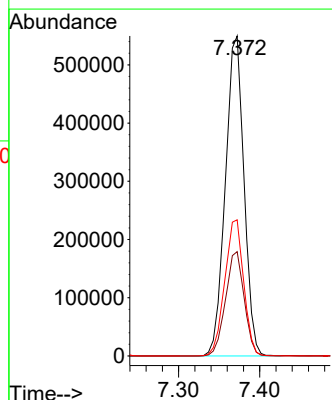
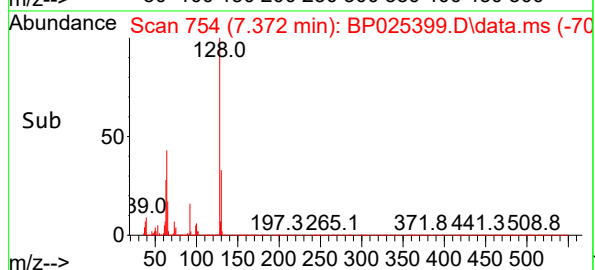
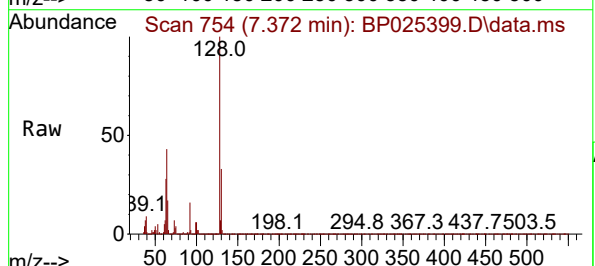
Manual Integrations
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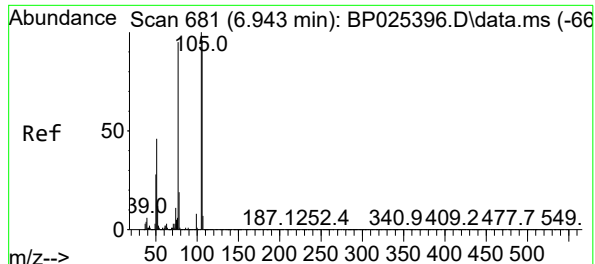
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#8
2-Chlorophenol
Concen: 81.104 ng
RT: 7.372 min Scan# 754
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

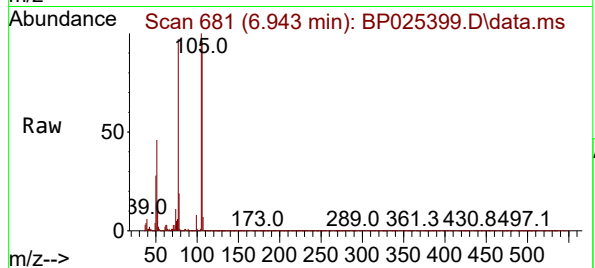
Tgt Ion:128 Resp: 877073
Ion Ratio Lower Upper
128 100
130 32.6 12.6 52.6
64 42.5 23.4 63.4





#9
Benzaldehyde
Concen: 67.651 ng
RT: 6.943 min Scan# 681
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

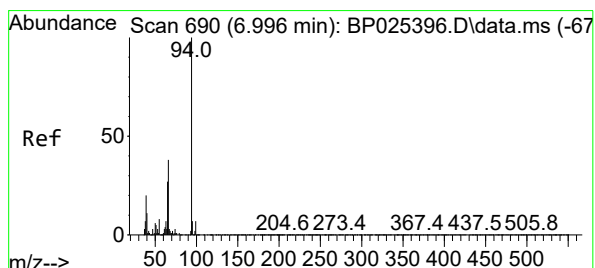
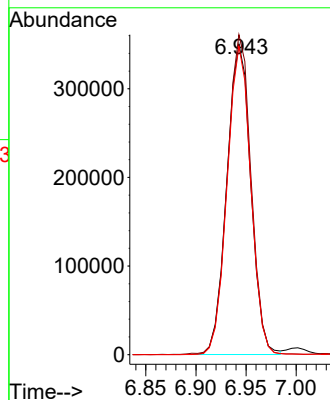
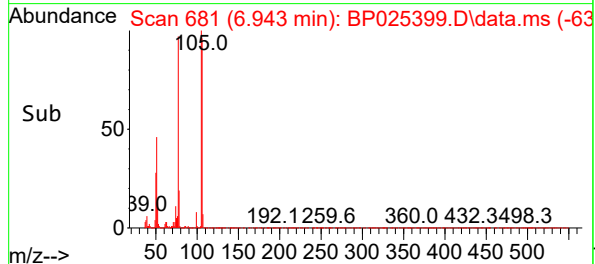
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 77 Resp: 582344
Ion Ratio Lower Upper
77 100
105 103.0 84.8 124.8
106 99.3 80.5 120.5

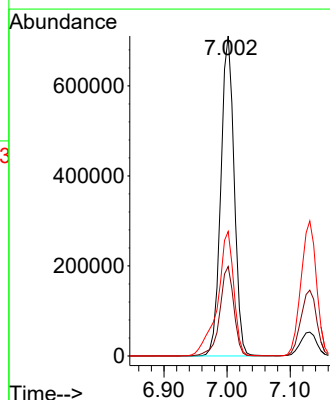
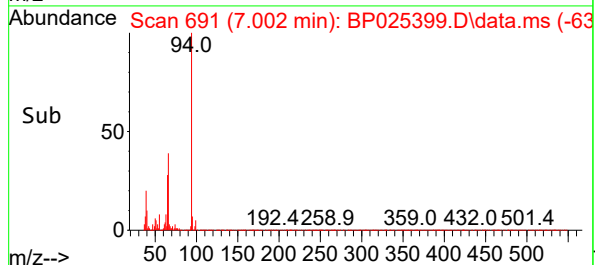
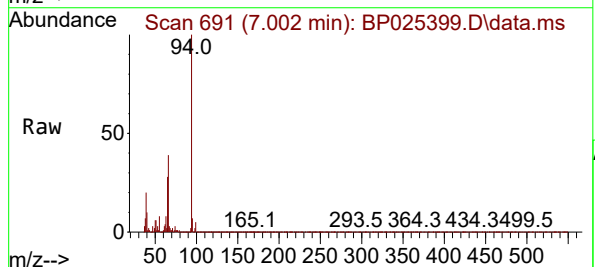
Manual Integrations
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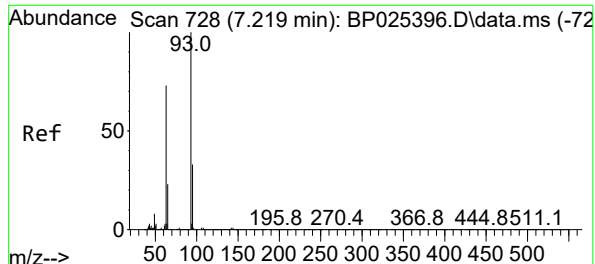
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#10
Phenol
Concen: 80.710 ng
RT: 7.002 min Scan# 691
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion: 94 Resp: 1040534
Ion Ratio Lower Upper
94 100
65 28.0 6.8 46.8
66 38.9 18.2 58.2





#11

bis(2-Chloroethyl)ether

Concen: 79.481 ng

RT: 7.219 min Scan# 728

Delta R.T. 0.000 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion: 93 Resp: 798672

Ion Ratio Lower Upper

93 100

63 71.7 52.6 92.6

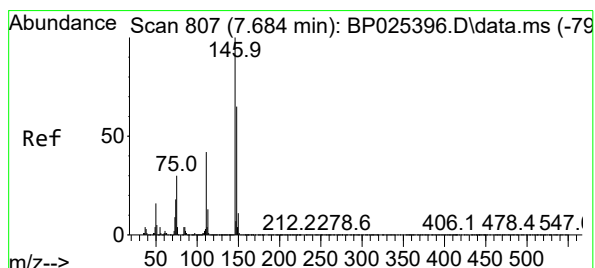
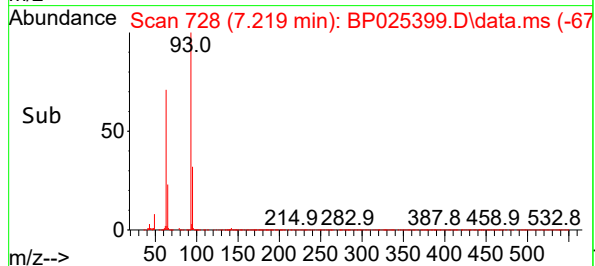
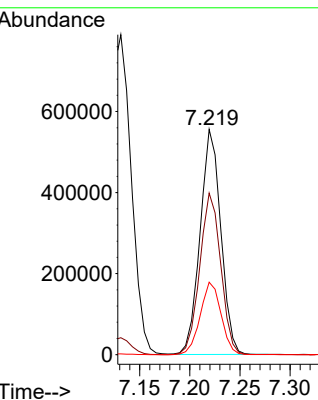
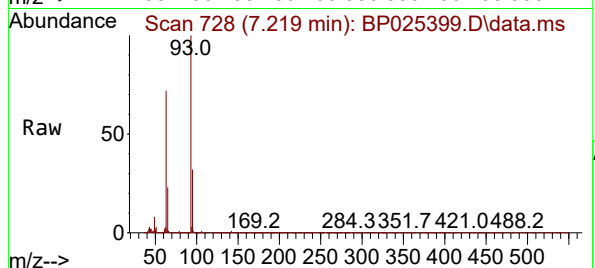
95 32.2 12.7 52.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#12

1,3-Dichlorobenzene

Concen: 79.718 ng

RT: 7.684 min Scan# 807

Delta R.T. 0.000 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

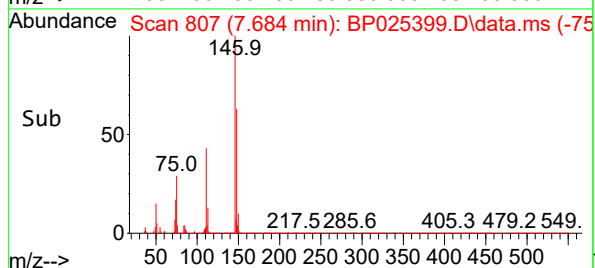
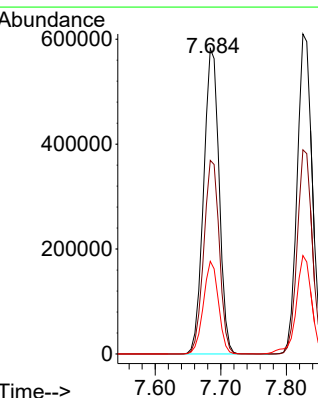
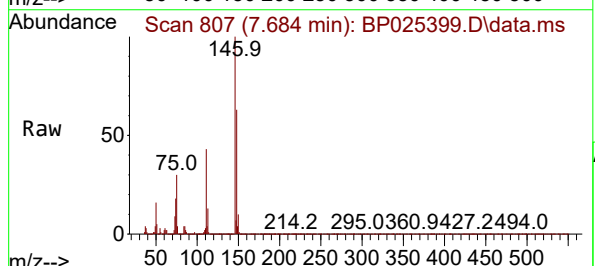
Tgt Ion:146 Resp: 950596

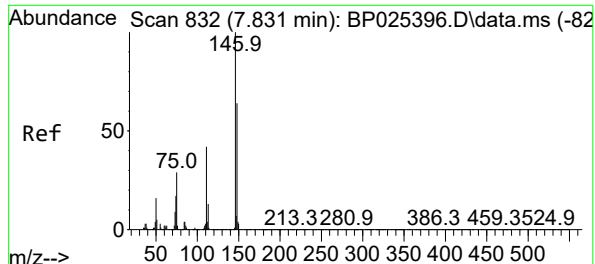
Ion Ratio Lower Upper

146 100

148 63.4 51.9 77.9

75 30.3 23.7 35.5





#13

1,4-Dichlorobenzene

Concen: 78.882 ng

RT: 7.825 min Scan# 831

Delta R.T. -0.006 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 96142

Ion Ratio Lower Upper

146 100

148 63.8 51.6 77.4

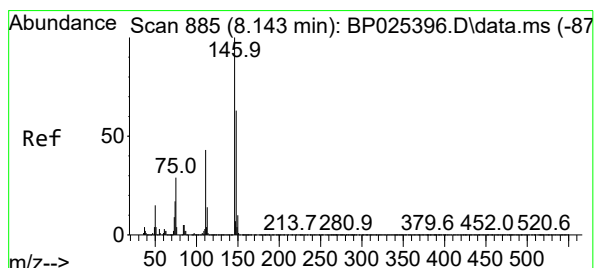
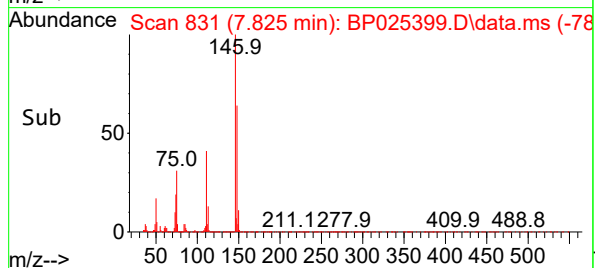
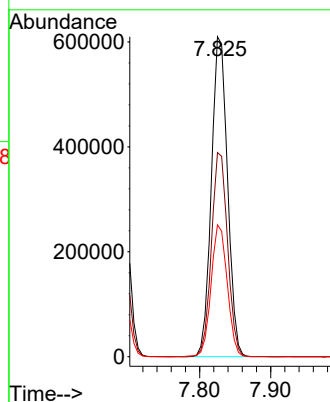
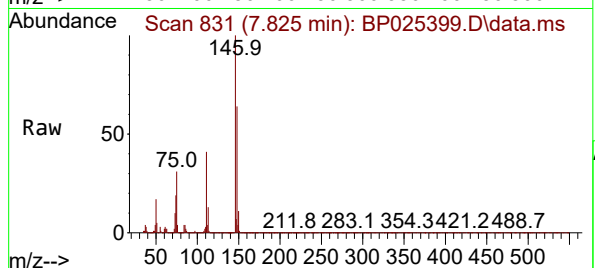
111 41.2 33.4 50.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#14

1,2-Dichlorobenzene

Concen: 78.203 ng

RT: 8.143 min Scan# 885

Delta R.T. 0.000 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

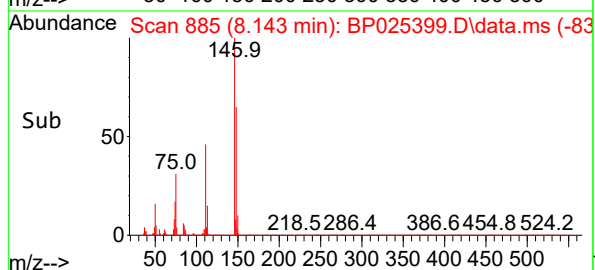
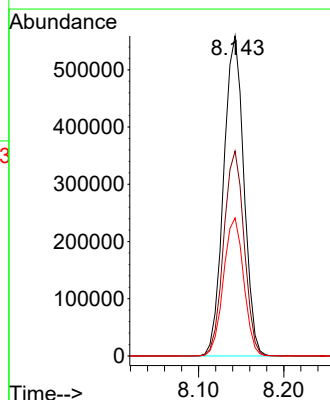
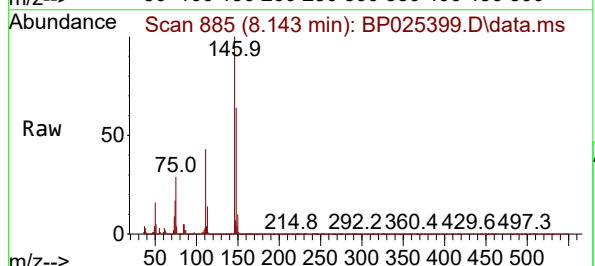
Tgt Ion:146 Resp: 922658

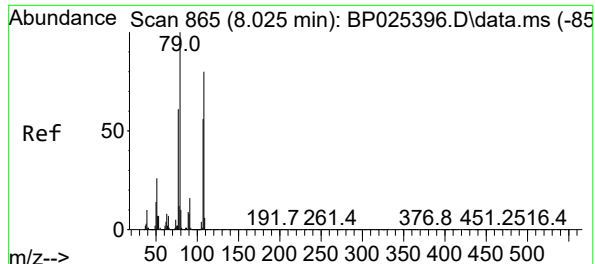
Ion Ratio Lower Upper

146 100

148 64.1 50.4 75.6

111 43.1 34.5 51.7





#15

Benzyl Alcohol

Concen: 81.498 ng

RT: 8.031 min Scan# 80

Delta R.T. 0.006 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion: 79 Resp: 795618

Ion Ratio Lower Upper

79 100

108 78.3 63.8 95.6

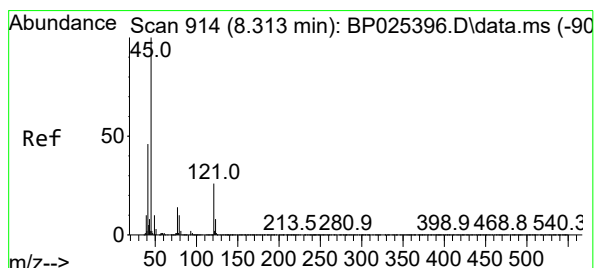
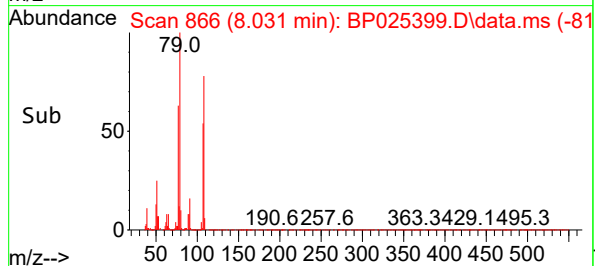
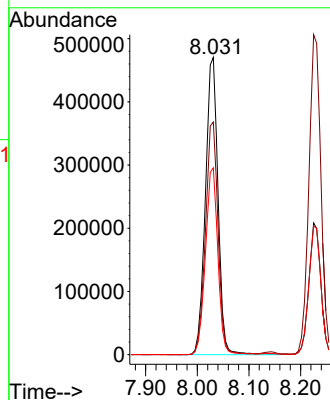
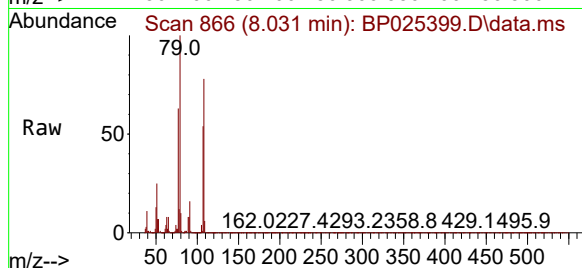
77 62.8 49.0 73.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 78.732 ng

RT: 8.319 min Scan# 915

Delta R.T. 0.006 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

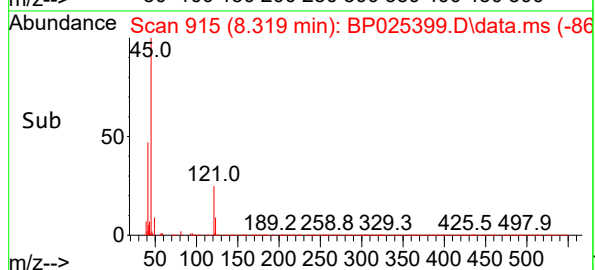
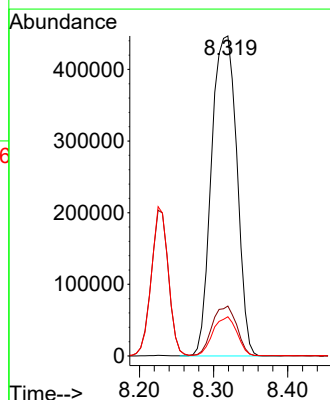
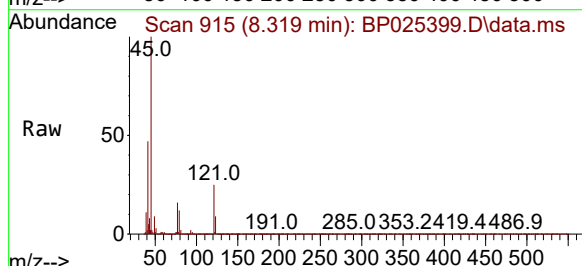
Tgt Ion: 45 Resp: 1059824

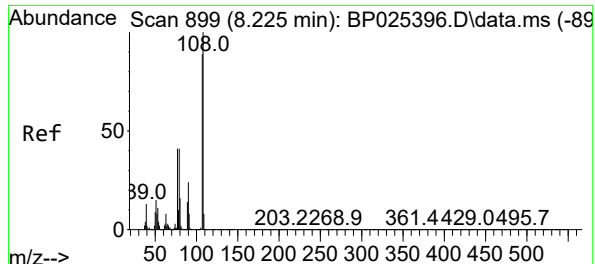
Ion Ratio Lower Upper

45 100

77 15.6 0.0 35.3

79 12.2 0.0 31.8





#17

2-Methylphenol

Concen: 82.028 ng

RT: 8.225 min Scan# 899

Delta R.T. 0.000 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:107 Resp: 73448

Ion Ratio Lower Upper

107 100

108 111.5 89.4 134.0

77 44.8 36.3 54.5

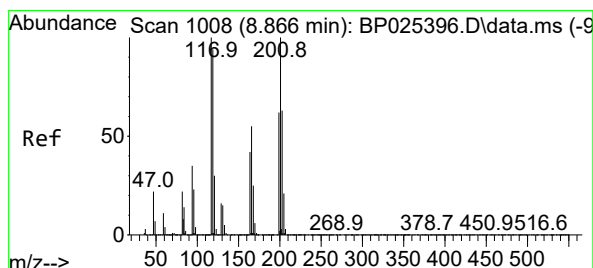
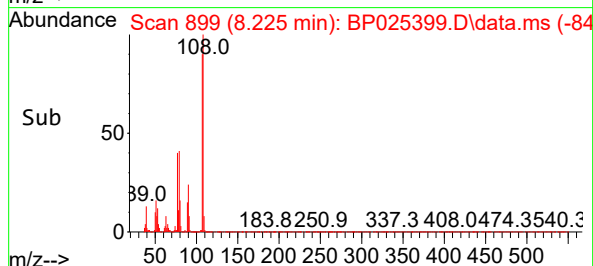
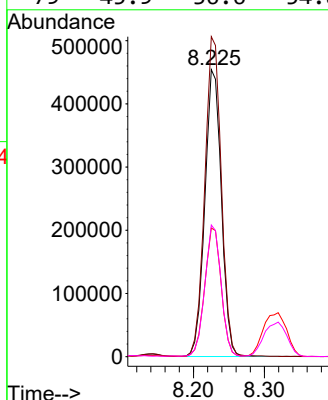
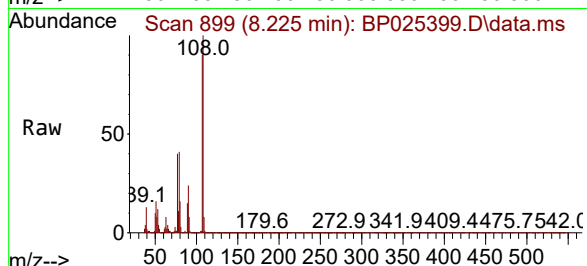
79 45.9 36.6 54.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#18

Hexachloroethane

Concen: 79.395 ng

RT: 8.866 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

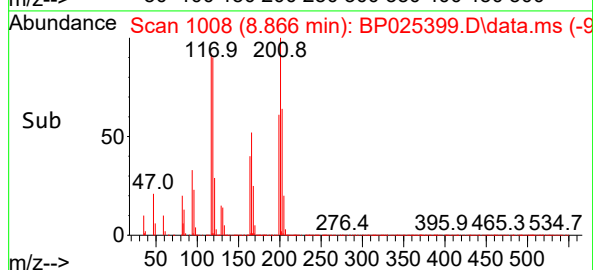
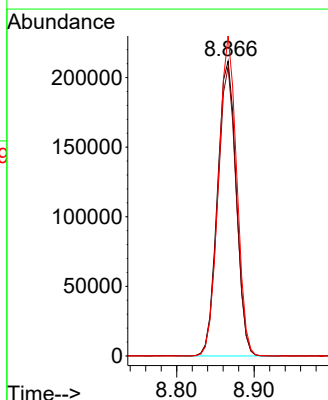
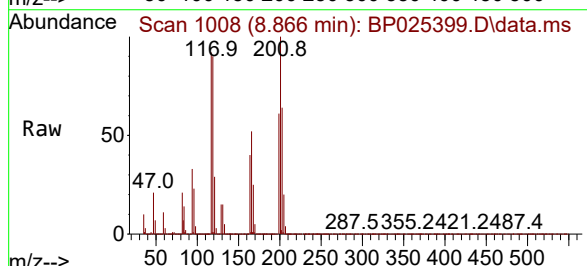
Tgt Ion:117 Resp: 355791

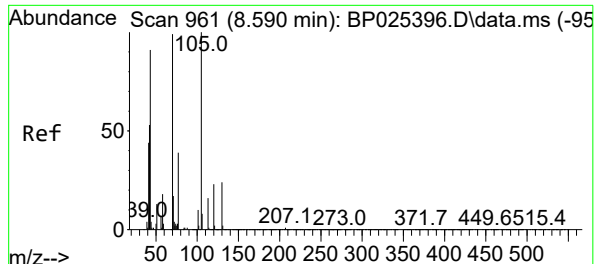
Ion Ratio Lower Upper

117 100

119 97.9 75.1 112.7

201 108.5 80.1 120.1





#19

n-Nitroso-di-n-propylamine

Concen: 78.102 ng

RT: 8.596 min Scan# 961

Delta R.T. 0.006 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion: 70 Resp: 63638

Ion Ratio Lower Upper

70 100

42 54.2 43.8 65.6

101 11.0 8.5 12.7

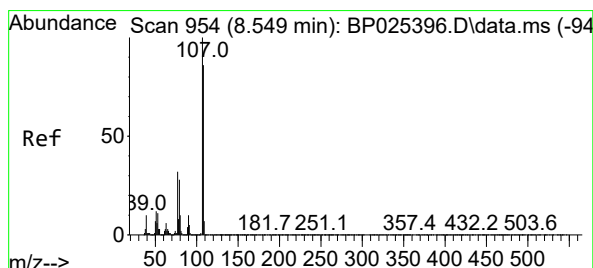
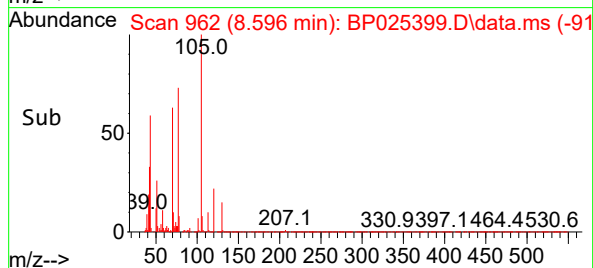
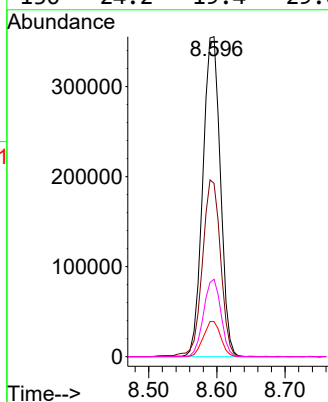
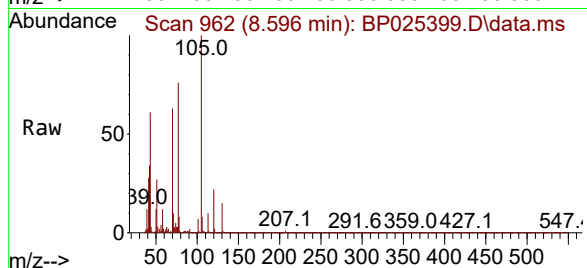
130 24.2 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#20

3+4-Methylphenols

Concen: 81.023 ng

RT: 8.555 min Scan# 955

Delta R.T. 0.006 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

Tgt Ion:107 Resp: 1005632

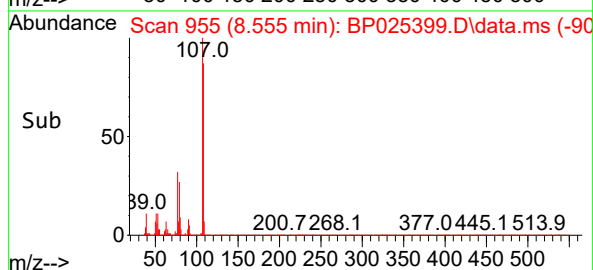
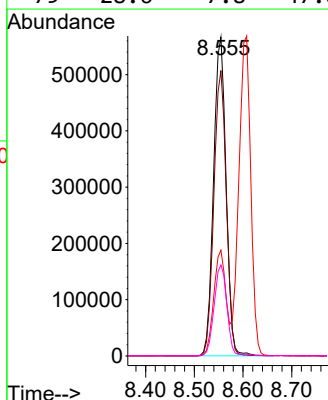
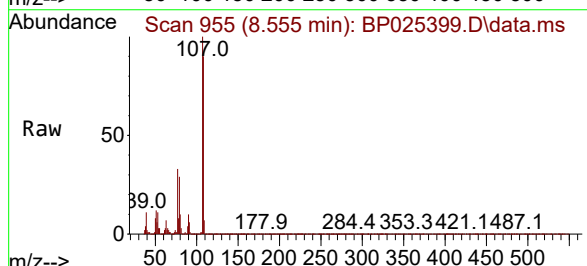
Ion Ratio Lower Upper

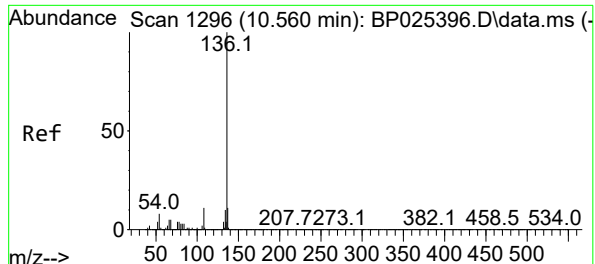
107 100

108 89.6 66.3 106.3

77 33.2 12.3 52.3

79 28.6 7.8 47.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.566 min Scan# 1296

Delta R.T. 0.006 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:136 Resp: 673018

Ion Ratio Lower Upper

136 100

137 10.1 9.2 13.8

54 7.8 6.0 9.0

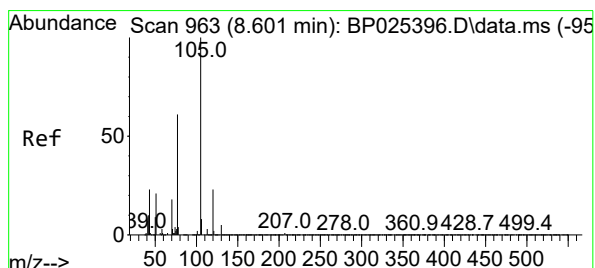
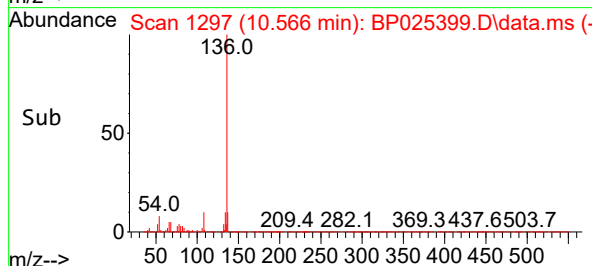
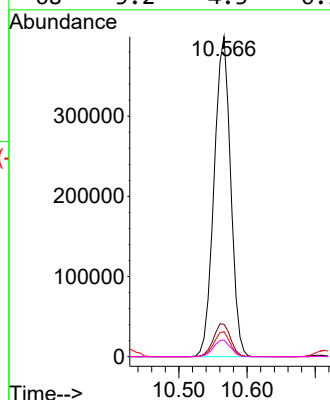
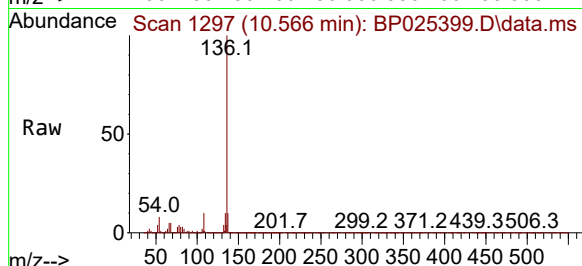
68 5.2 4.3 6.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#22

Acetophenone

Concen: 77.886 ng

RT: 8.607 min Scan# 964

Delta R.T. 0.006 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

Tgt Ion:105 Resp: 1314548

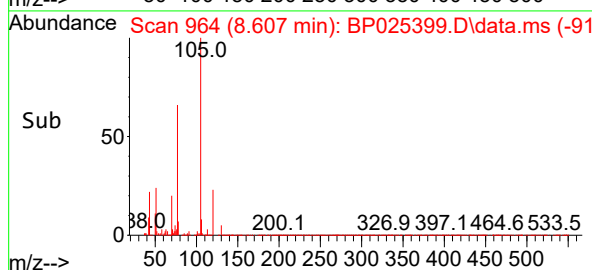
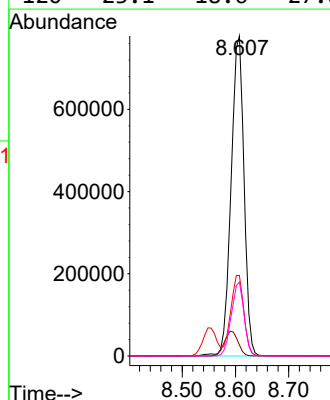
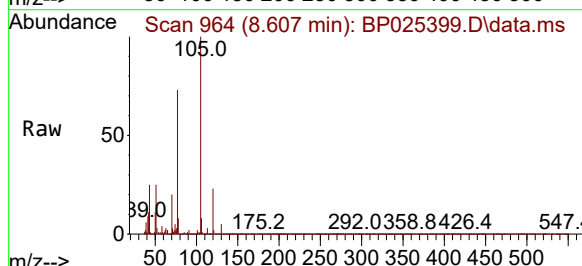
Ion Ratio Lower Upper

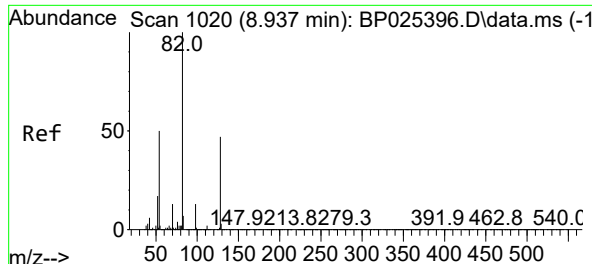
105 100

71 3.4 2.6 4.0

51 25.1 20.6 30.8

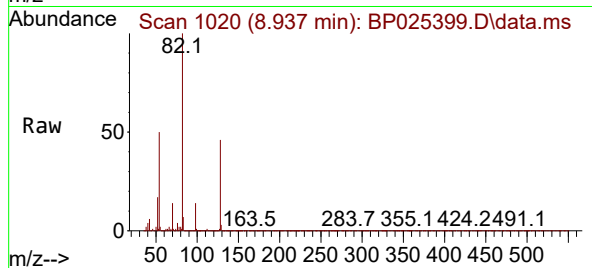
120 23.1 18.6 27.8





#23
Nitrobenzene-d5
Concen: 159.609 ng
RT: 8.937 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

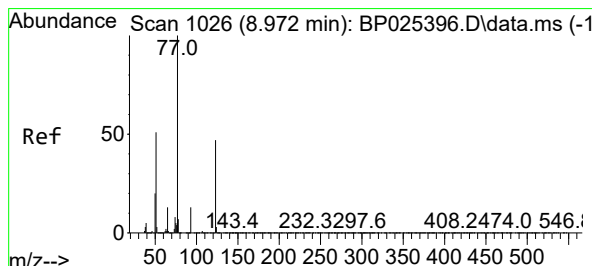
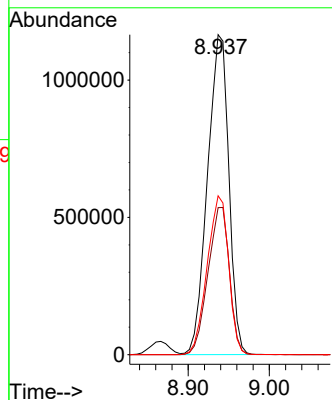
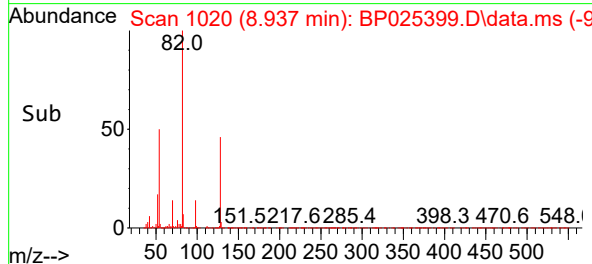
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



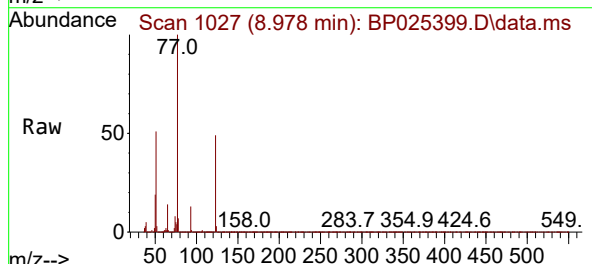
Tgt Ion: 82 Resp: 212352
Ion Ratio Lower Upper
82 100
128 46.0 37.7 56.5
54 49.7 39.8 59.6

Manual Integrations
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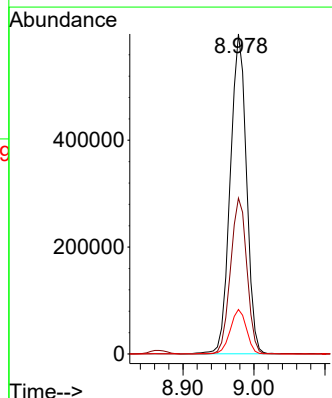
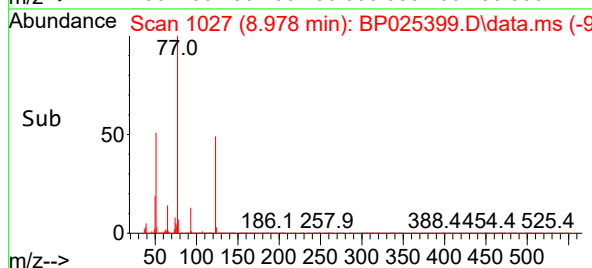
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

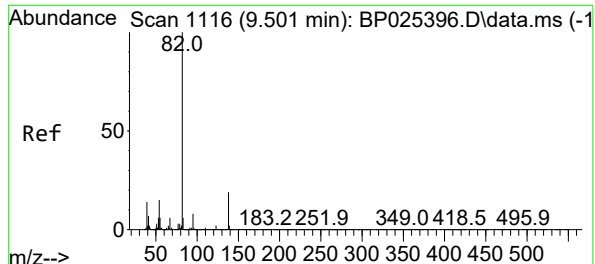


#24
Nitrobenzene
Concen: 79.686 ng
RT: 8.978 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24



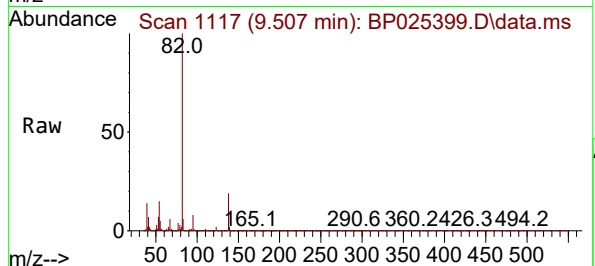
Tgt Ion: 77 Resp: 947511
Ion Ratio Lower Upper
77 100
123 48.7 38.6 58.0
65 13.9 10.6 15.8





#25
Isophorone
Concen: 77.708 ng
RT: 9.507 min Scan# 1116
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

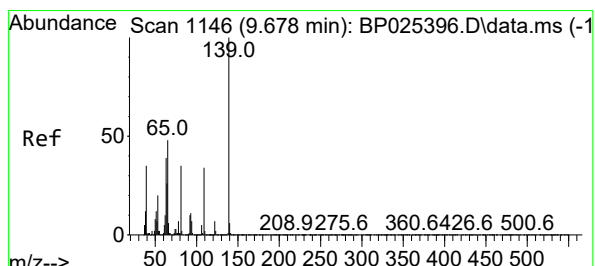
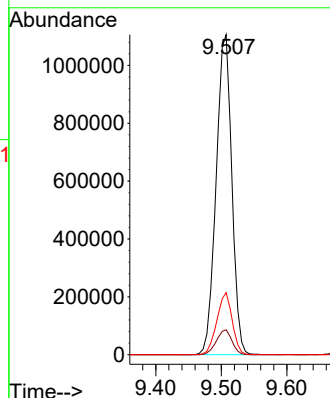
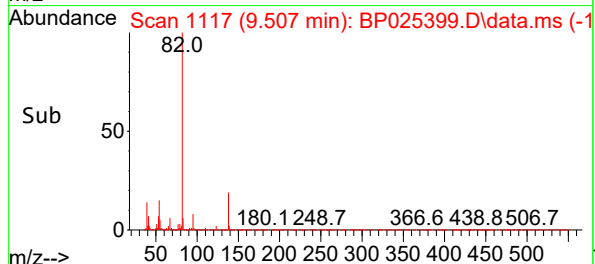
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 82 Resp: 182967
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 19.4 15.4 23.0

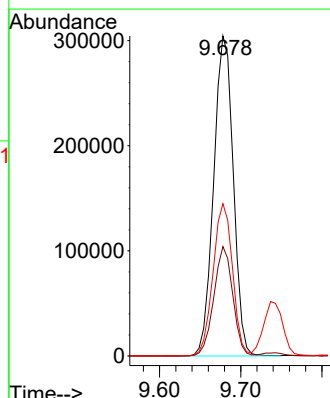
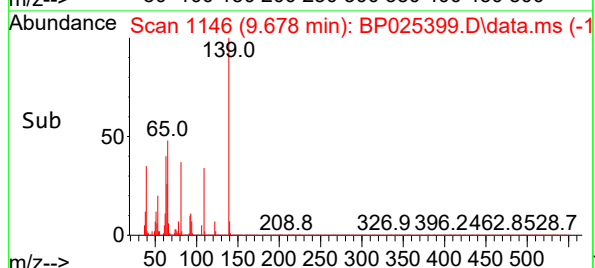
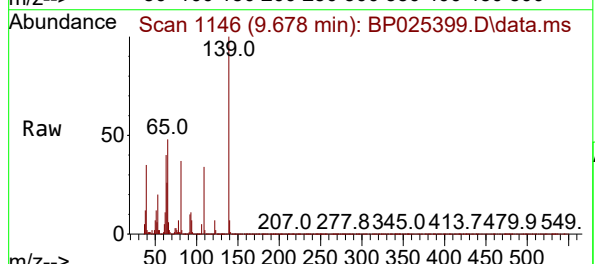
Manual Integrations
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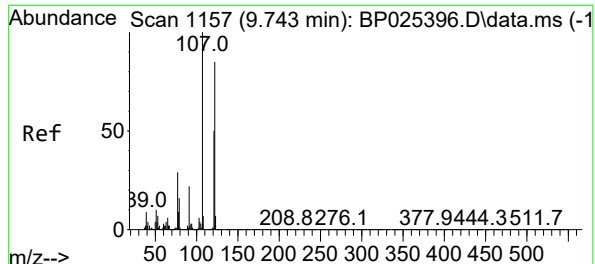
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#26
2-Nitrophenol
Concen: 83.872 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:139 Resp: 511806
Ion Ratio Lower Upper
139 100
109 34.2 26.9 40.3
65 47.6 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 80.280 ng

RT: 9.743 min Scan# 1157

Delta R.T. 0.000 min

Lab File: BP025399.D

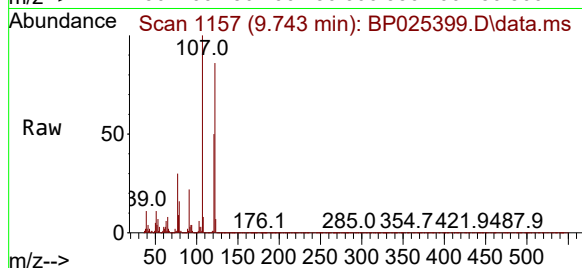
Acq: 14 Aug 2025 17:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080



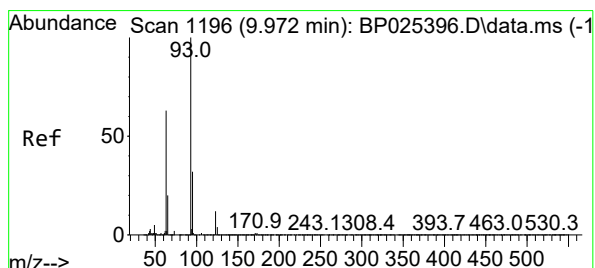
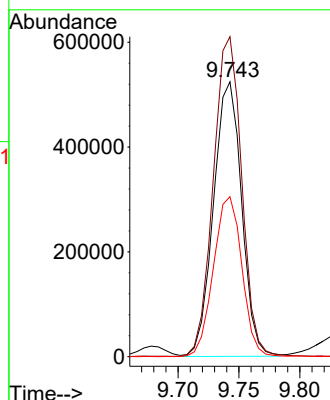
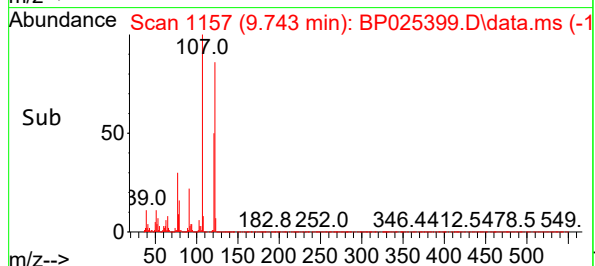
Tgt Ion:	122	Resp:	84246
Ion Ratio	Lower	Upper	
122	100		
107	116.4	93.7	140.5
121	58.2	46.6	69.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#28

bis(2-Chloroethoxy)methane

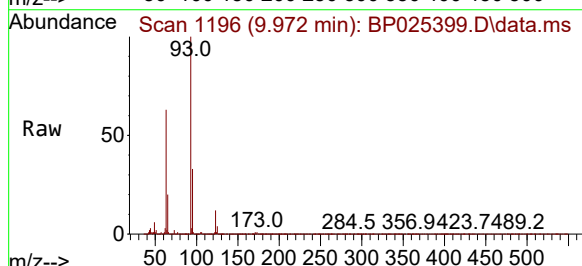
Concen: 77.542 ng

RT: 9.972 min Scan# 1196

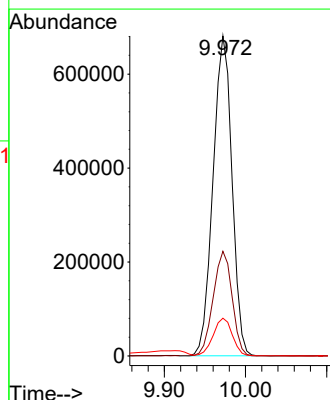
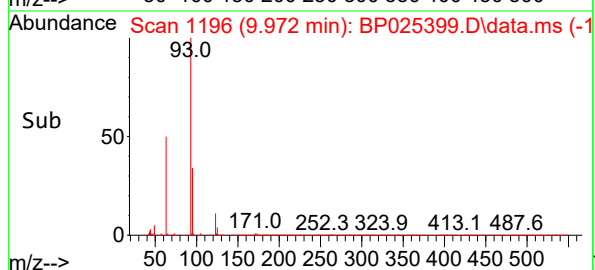
Delta R.T. 0.000 min

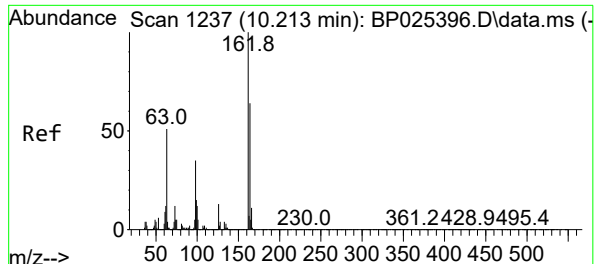
Lab File: BP025399.D

Acq: 14 Aug 2025 17:24



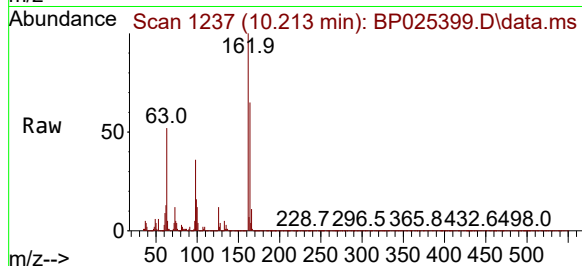
Tgt Ion:	93	Resp:	1103640
Ion Ratio	Lower	Upper	
93	100		
95	32.7	25.4	38.0
123	11.8	9.4	14.0





#29
2,4-Dichlorophenol
Concen: 81.037 ng
RT: 10.213 min Scan# 1237
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

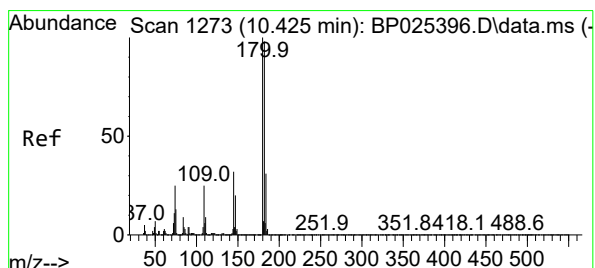
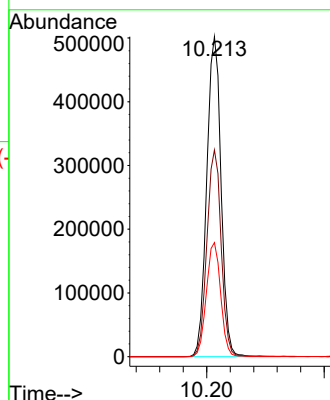
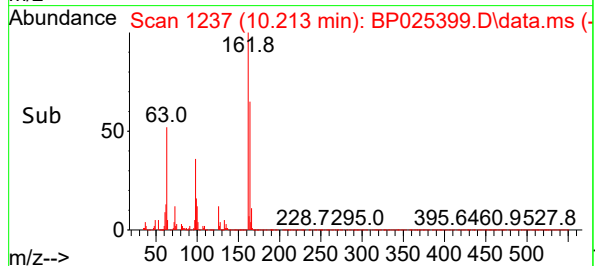
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:162 Resp: 84478
Ion Ratio Lower Upper
162 100
164 64.6 44.4 84.4
98 35.6 14.9 54.9

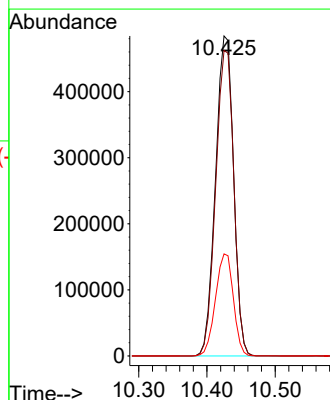
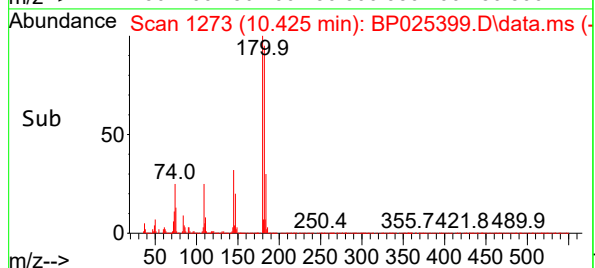
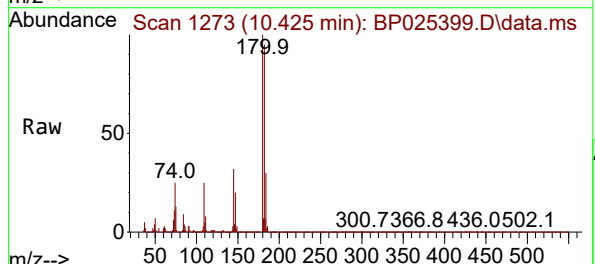
Manual Integrations
APPROVED

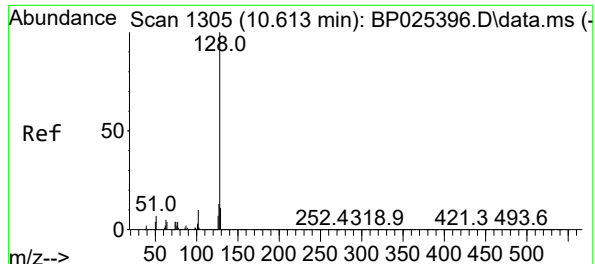
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#30
1,2,4-Trichlorobenzene
Concen: 78.123 ng
RT: 10.425 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

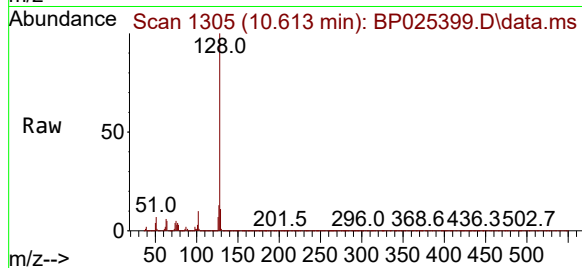
Tgt Ion:180 Resp: 892771
Ion Ratio Lower Upper
180 100
182 95.4 78.0 117.0
145 31.9 25.9 38.9





#31
Naphthalene
Concen: 77.835 ng
RT: 10.613 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

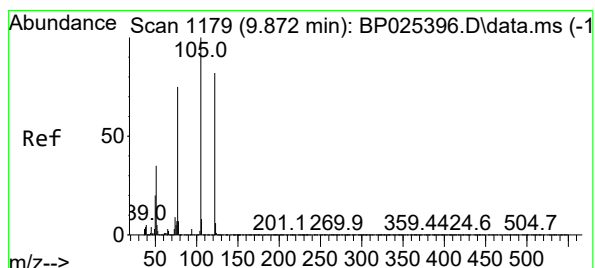
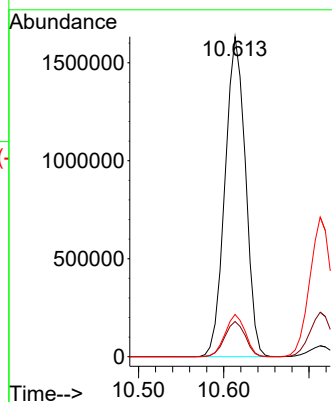
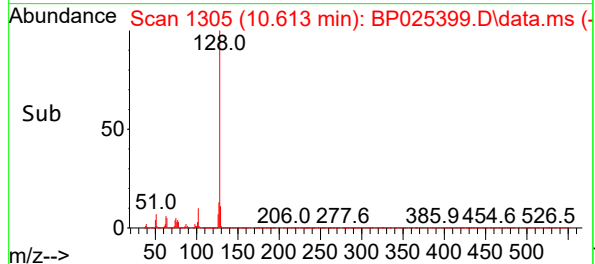
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:128 Resp: 272270
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.2 10.7 16.1

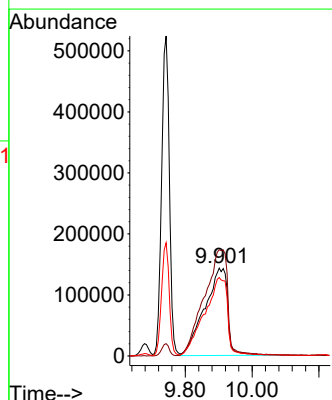
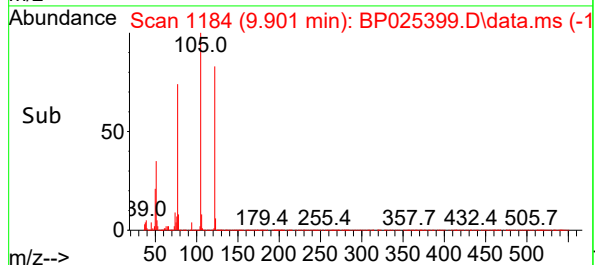
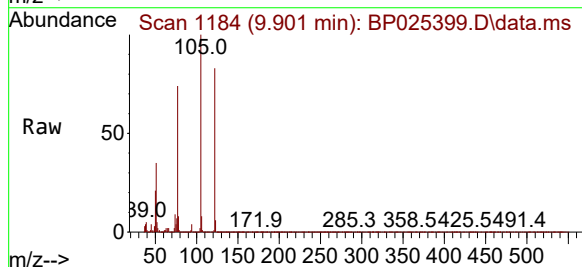
Manual Integrations
APPROVED

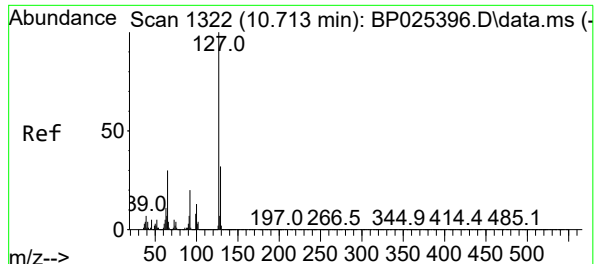
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#32
Benzoic acid
Concen: 88.861 ng
RT: 9.901 min Scan# 1184
Delta R.T. 0.029 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

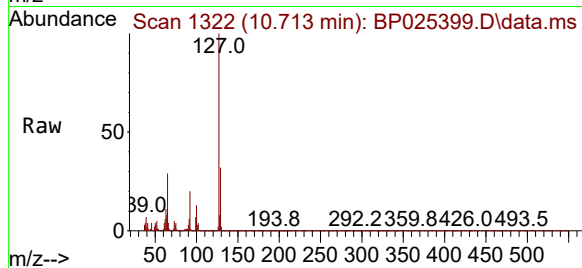
Tgt Ion:122 Resp: 686791
Ion Ratio Lower Upper
122 100
105 121.0 100.6 140.6
77 89.3 71.5 111.5





#33
4-Chloroaniline
Concen: 79.761 ng
RT: 10.713 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

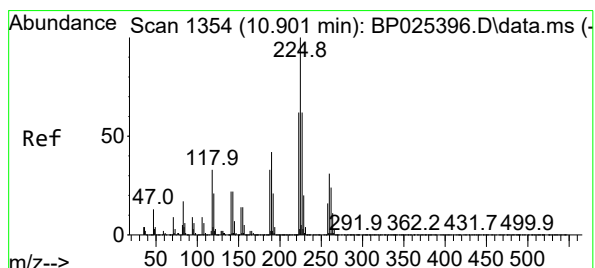
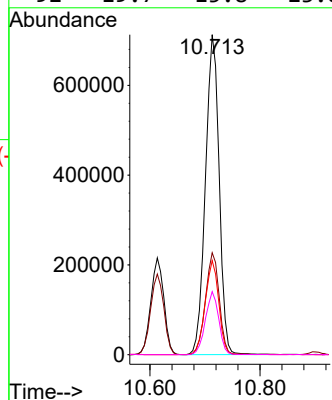
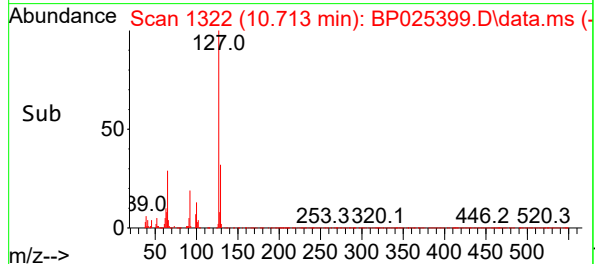
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



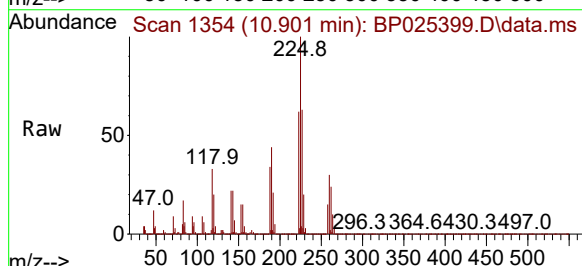
Tgt Ion:127 Resp: 123243
Ion Ratio Lower Upper
127 100
129 31.9 25.4 38.2
65 29.4 23.8 35.6
92 19.7 15.8 23.8

Manual Integrations
APPROVED

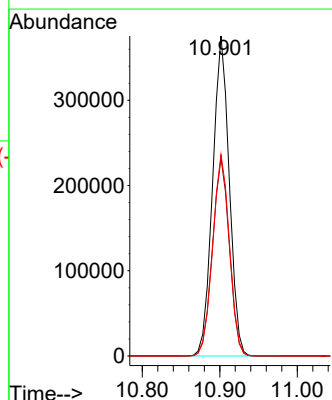
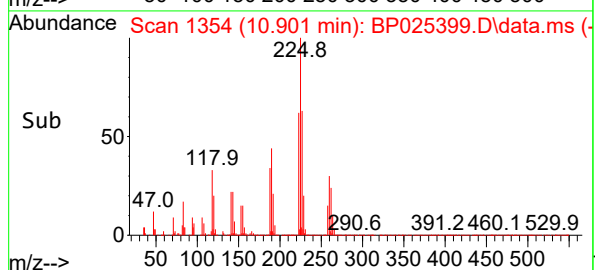
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

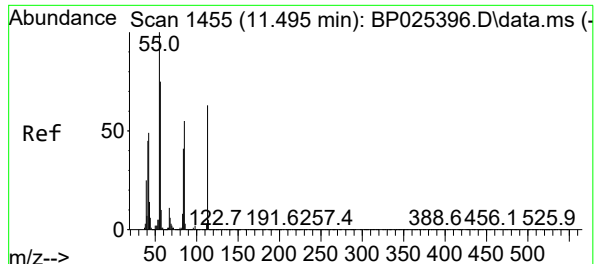


#34
Hexachlorobutadiene
Concen: 78.393 ng
RT: 10.901 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24



Tgt Ion:225 Resp: 557922
Ion Ratio Lower Upper
225 100
223 61.8 50.0 75.0
227 62.9 49.7 74.5





#35

Caprolactam

Concen: 79.233 ng

RT: 11.519 min Scan# 1455

Delta R.T. 0.024 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:113 Resp: 302874

Ion Ratio Lower Upper

113 100

55 151.5 140.0 180.0

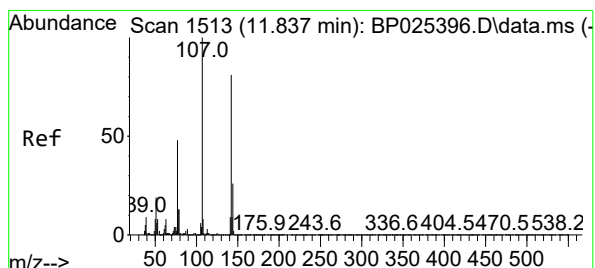
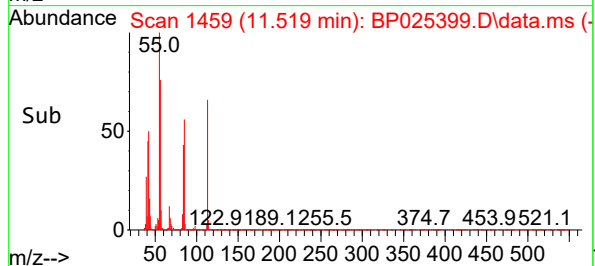
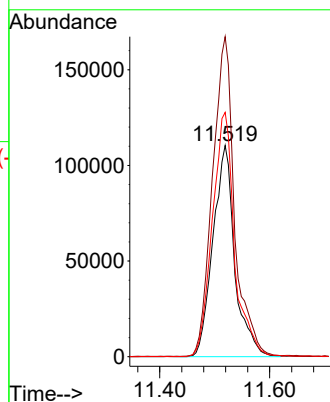
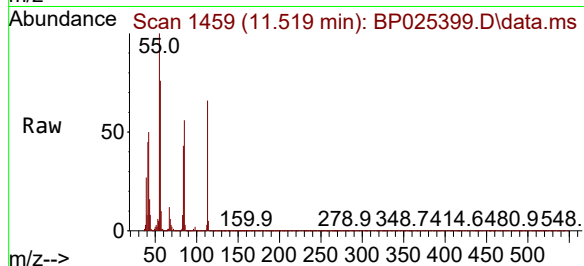
56 115.6 100.0 140.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#36

4-Chloro-3-methylphenol

Concen: 79.399 ng

RT: 11.843 min Scan# 1514

Delta R.T. 0.006 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

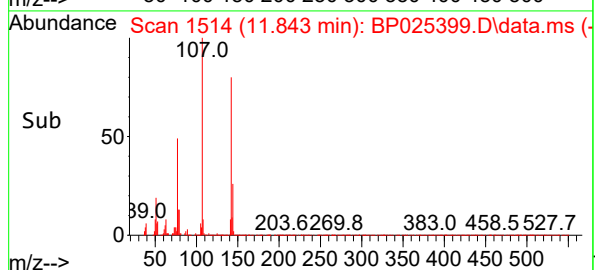
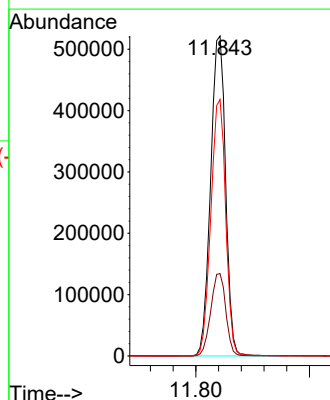
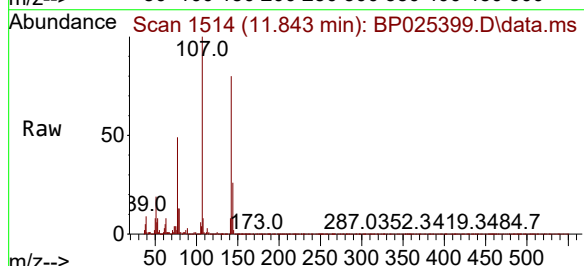
Tgt Ion:107 Resp: 949779

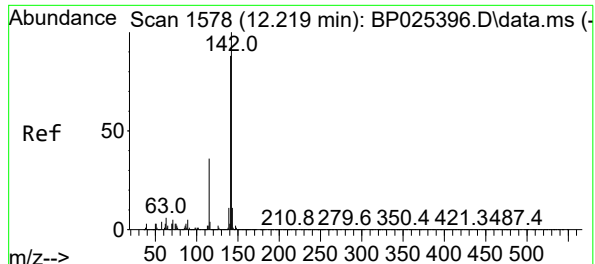
Ion Ratio Lower Upper

107 100

144 25.7 21.0 31.4

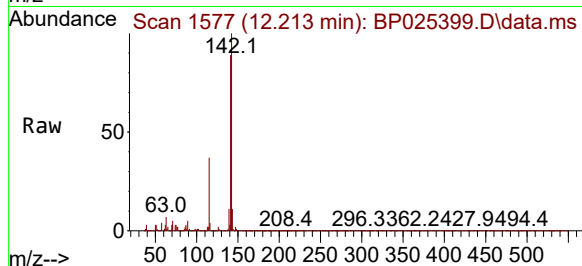
142 80.2 64.6 97.0





#37
2-Methylnaphthalene
Concen: 77.372 ng
RT: 12.213 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

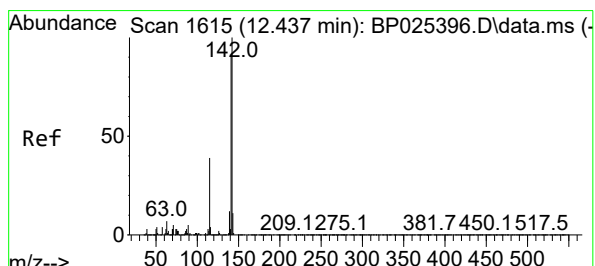
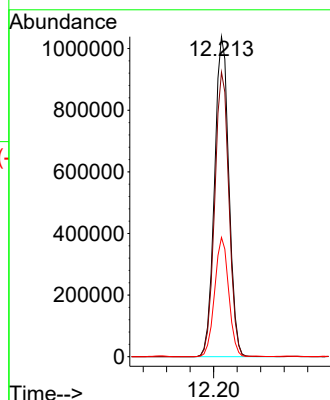
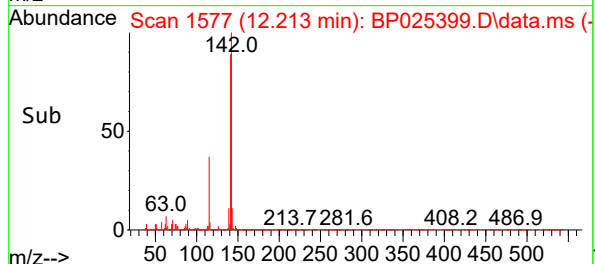
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:142 Resp: 1761325
Ion Ratio Lower Upper
142 100
141 88.9 70.3 105.5
115 37.2 28.9 43.3

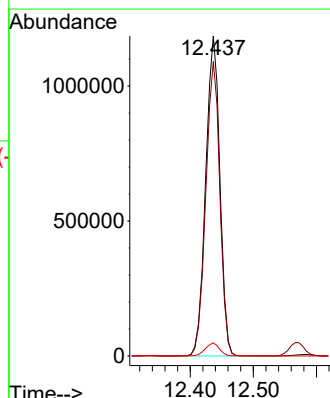
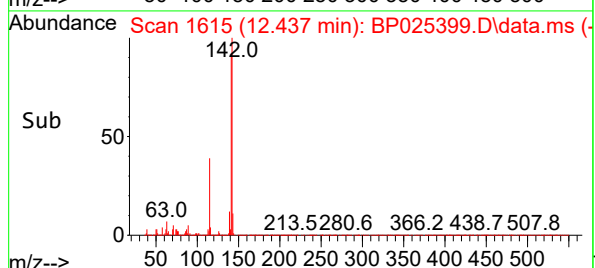
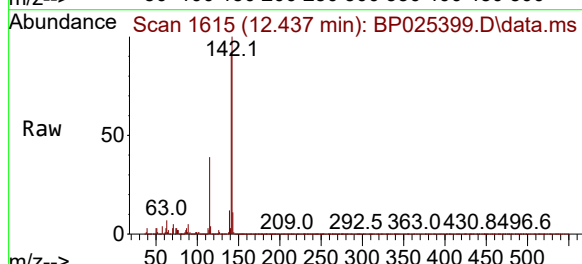
Manual Integrations
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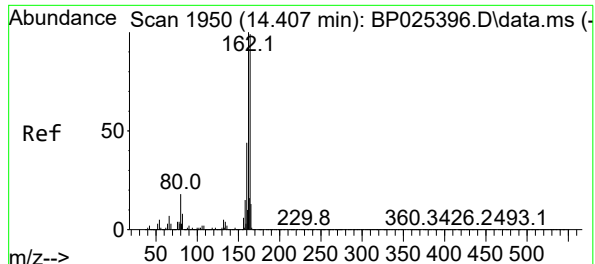
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#38
1-Methylnaphthalene
Concen: 76.186 ng
RT: 12.437 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:142 Resp: 1844376
Ion Ratio Lower Upper
142 100
141 92.0 73.1 109.7
116 4.1 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.401 min Scan# 1950

Delta R.T. -0.006 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:164 Resp: 436040

Ion Ratio Lower Upper

164 100

162 98.6 81.0 121.6

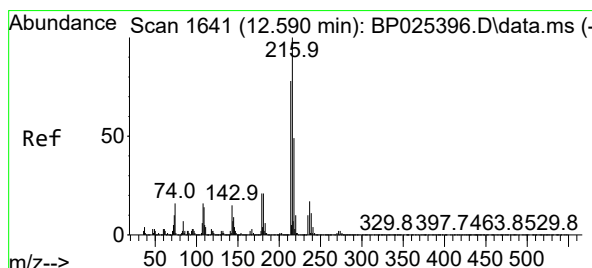
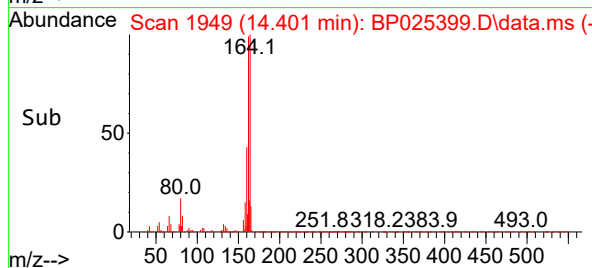
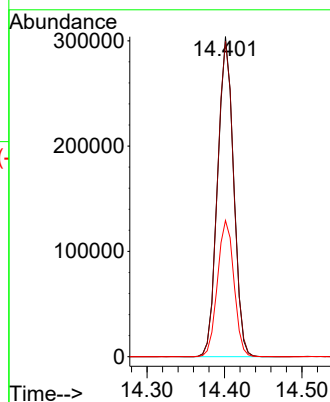
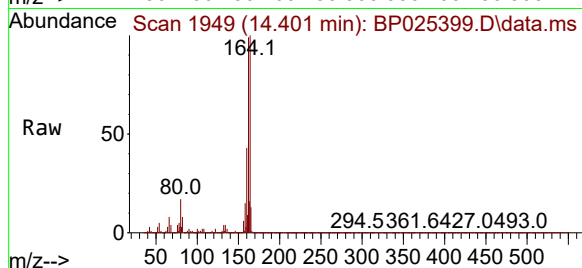
160 42.6 35.4 53.2

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 79.014 ng

RT: 12.584 min Scan# 1640

Delta R.T. -0.006 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

Tgt Ion:216 Resp: 995064

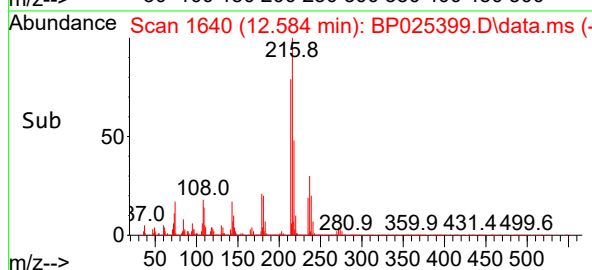
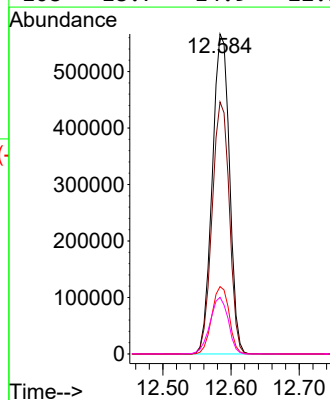
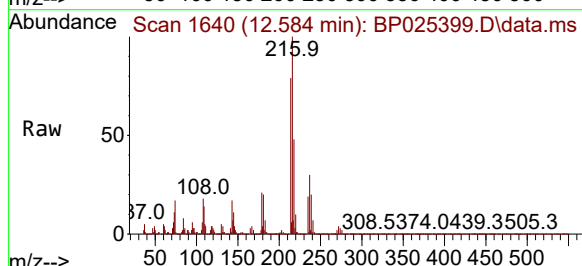
Ion Ratio Lower Upper

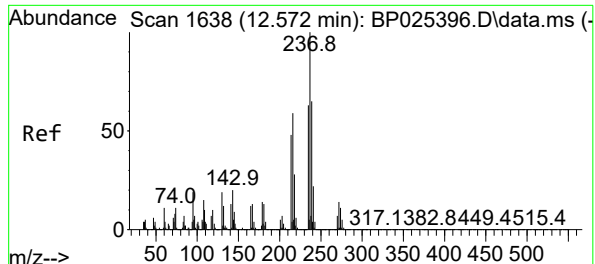
216 100

214 78.8 63.0 94.4

179 21.2 17.1 25.7

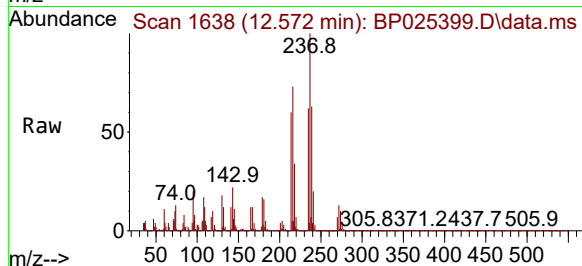
108 18.7 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 87.916 ng
RT: 12.572 min Scan# 1638
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

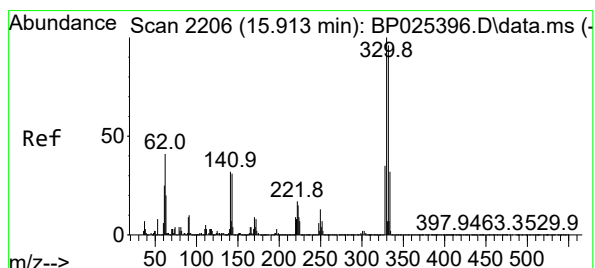
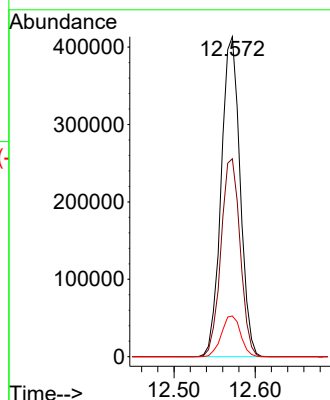
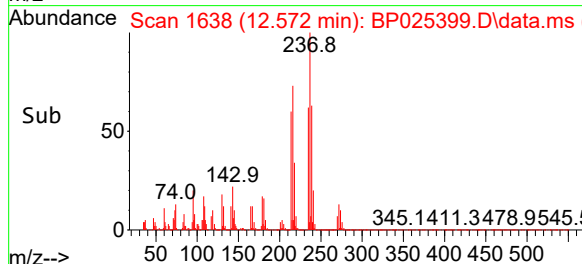
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



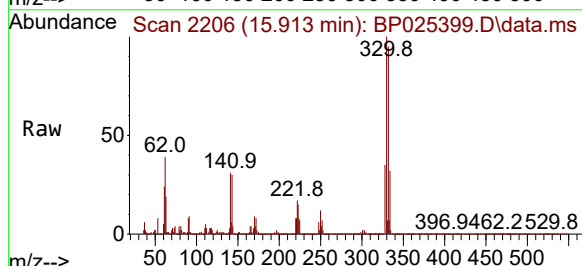
Tgt Ion: 237 Resp: 66877
Ion Ratio Lower Upper
237 100
235 61.9 42.7 82.7
272 12.7 0.0 34.0

Manual Integrations
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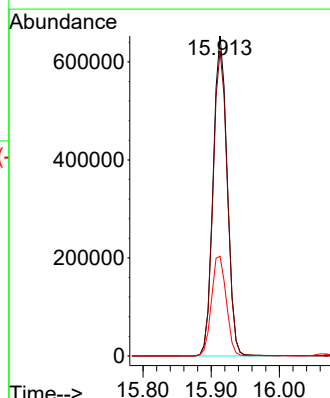
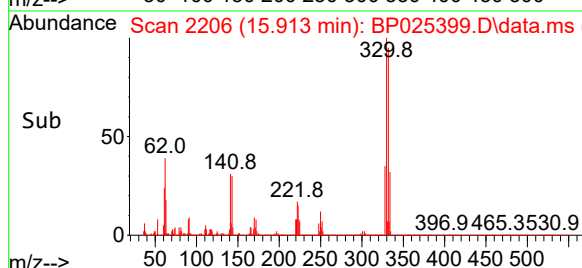
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

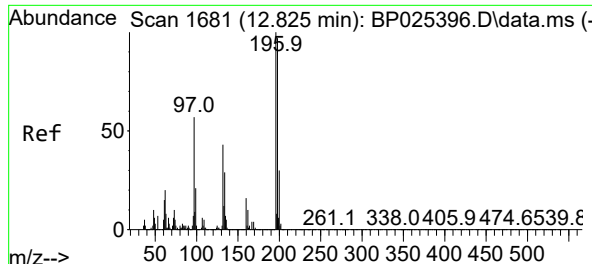


#42
2,4,6-Tribromophenol
Concen: 159.559 ng
RT: 15.913 min Scan# 2206
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24



Tgt Ion: 330 Resp: 936489
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 32.8 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 83.096 ng

RT: 12.825 min Scan# 1681

Delta R.T. 0.000 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

Instrument :

BNA_P

ClientSampleId :

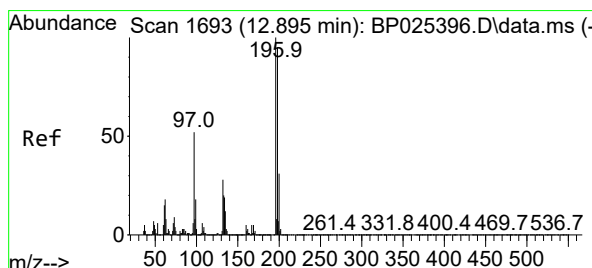
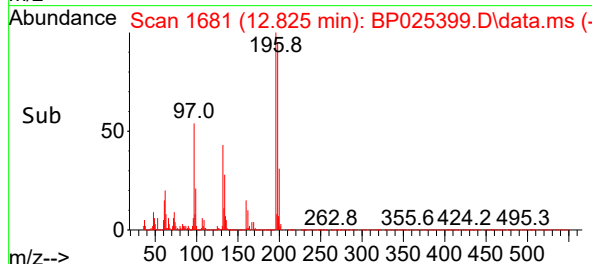
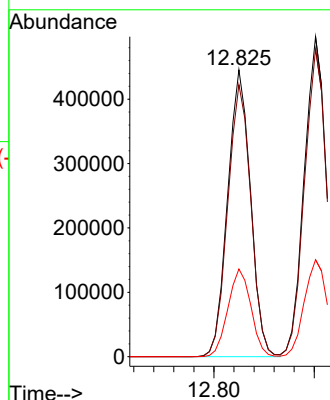
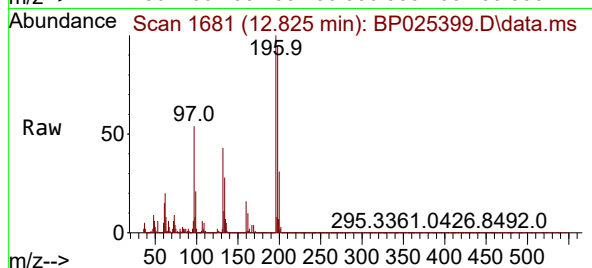
SSTDICC080

Tgt Ion:	196	Resp:	706484
Ion Ratio	Lower	Upper	
196	100		
198	94.8	77.2	115.8
200	30.5	23.9	35.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#44

2,4,5-Trichlorophenol

Concen: 81.870 ng

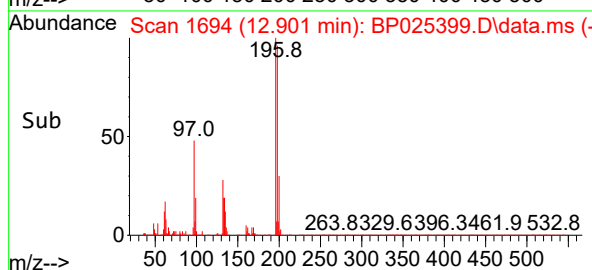
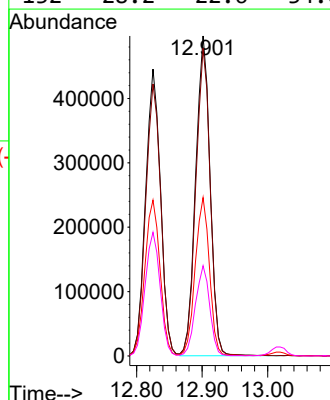
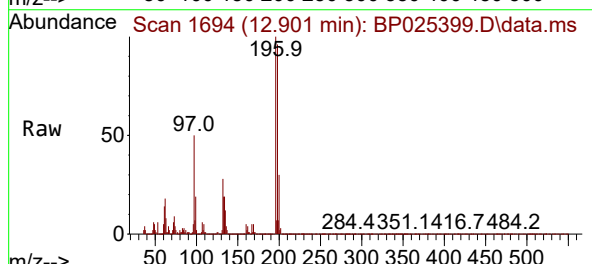
RT: 12.901 min Scan# 1694

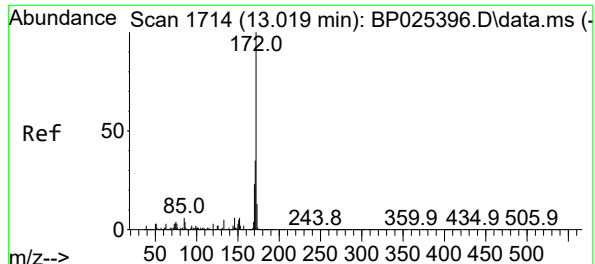
Delta R.T. 0.006 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

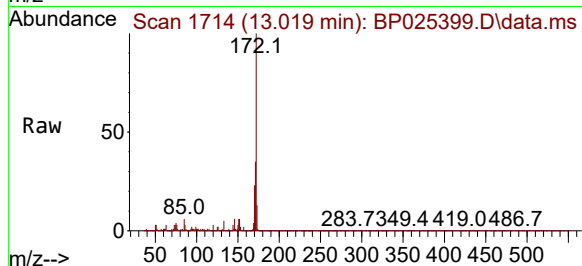
Tgt Ion:	196	Resp:	762861
Ion Ratio	Lower	Upper	
196	100		
198	96.1	76.2	114.2
97	49.5	41.2	61.8
132	28.2	22.6	34.0





#45
2-Fluorobiphenyl
Concen: 147.705 ng
RT: 13.019 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

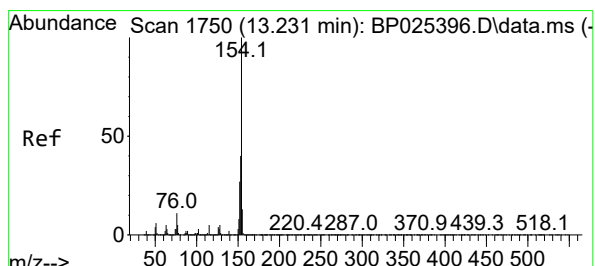
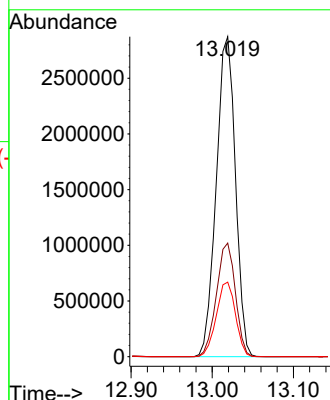
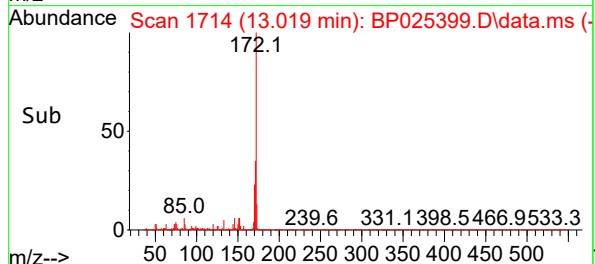
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:172 Resp: 471259
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 23.3 18.6 28.0

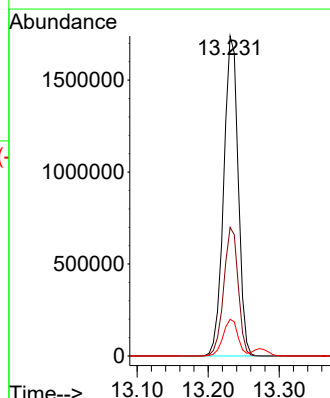
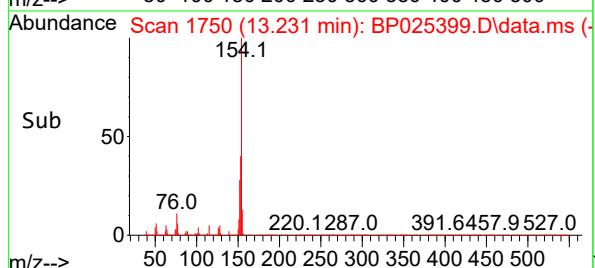
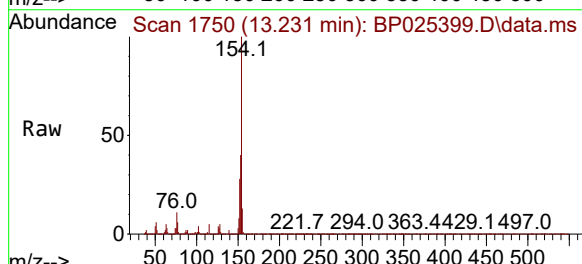
Manual Integrations
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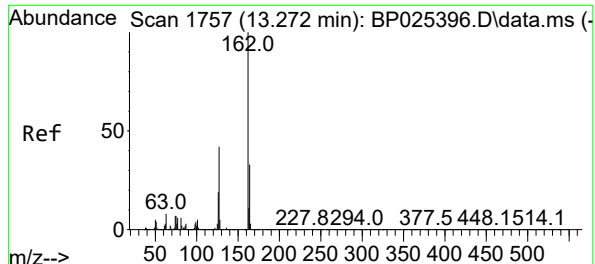
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#46
1,1'-Biphenyl
Concen: 77.476 ng
RT: 13.231 min Scan# 1750
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:154 Resp: 2453536
Ion Ratio Lower Upper
154 100
153 40.2 19.5 59.5
76 11.5 0.0 31.1





#47

2-Chloronaphthalene

Concen: 77.804 ng

RT: 13.272 min Scan# 1757

Delta R.T. 0.000 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:162 Resp: 1918120

Ion Ratio Lower Upper

162 100

127 41.9 33.4 50.2

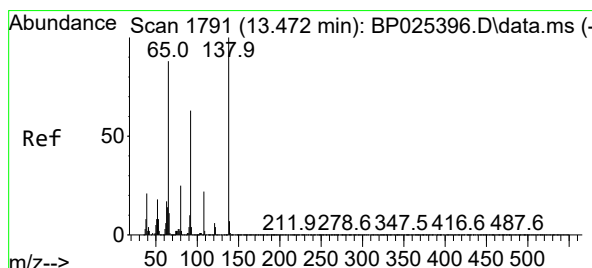
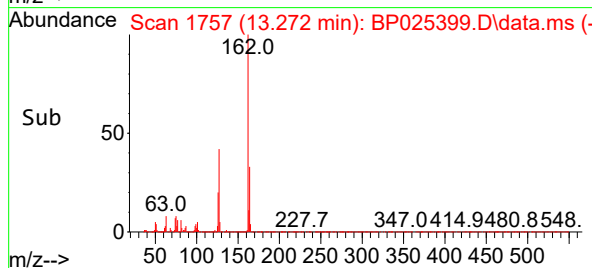
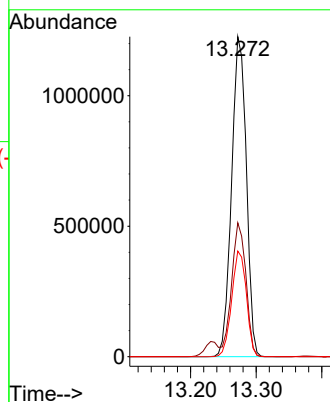
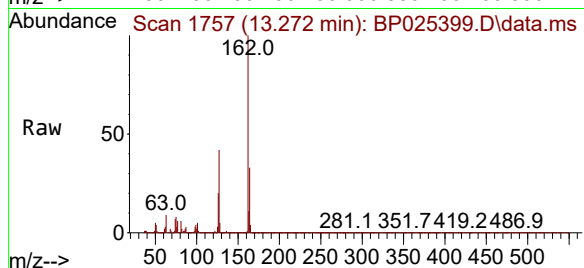
164 33.0 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#48

2-Nitroaniline

Concen: 82.788 ng

RT: 13.472 min Scan# 1791

Delta R.T. 0.000 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

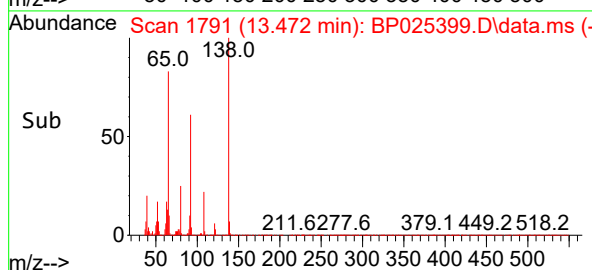
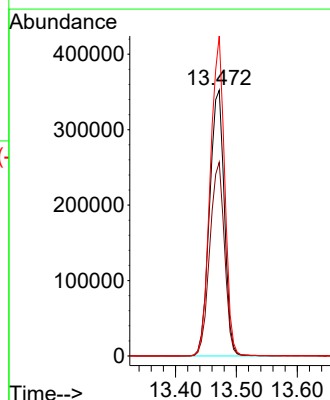
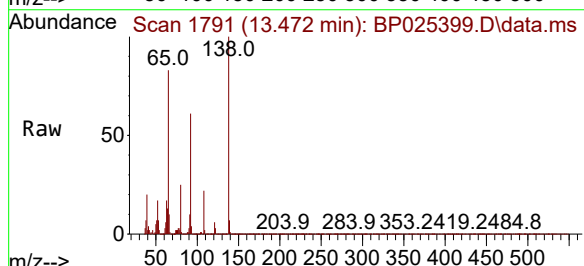
Tgt Ion: 65 Resp: 594696

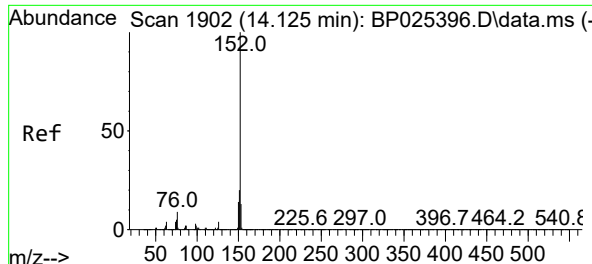
Ion Ratio Lower Upper

65 100

92 72.9 57.6 86.4

138 120.4 91.0 136.6





#49

Acenaphthylene

Concen: 78.318 ng

RT: 14.125 min Scan# 1902

Delta R.T. 0.000 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:152 Resp: 3194918

Ion Ratio Lower Upper

152 100

151 20.2 16.0 24.0

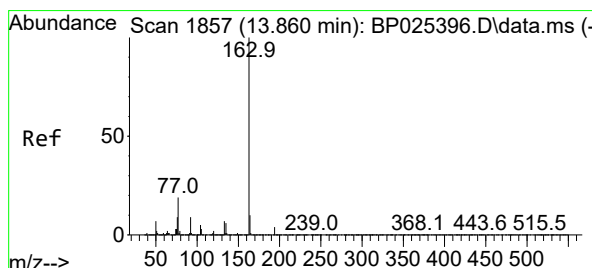
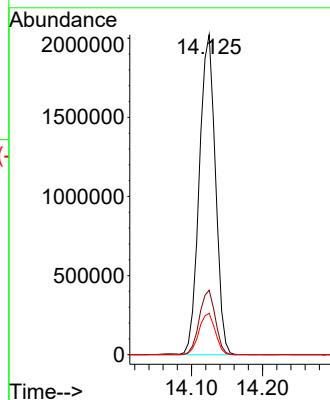
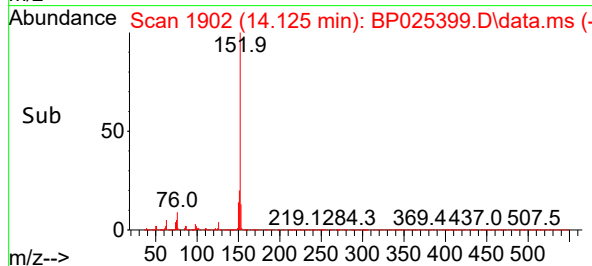
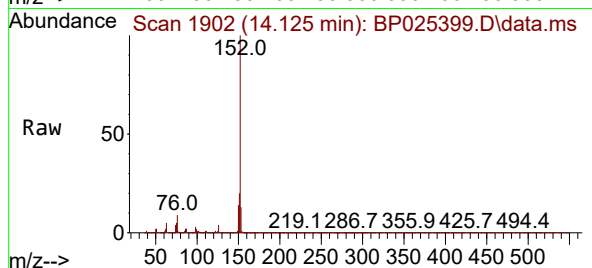
153 13.0 10.6 15.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#50

Dimethylphthalate

Concen: 76.632 ng

RT: 13.860 min Scan# 1857

Delta R.T. 0.000 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

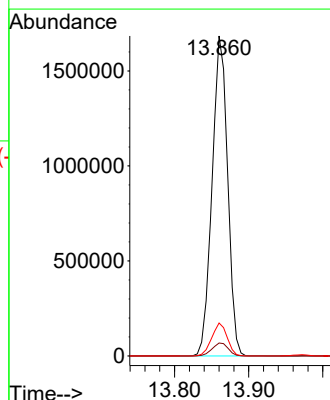
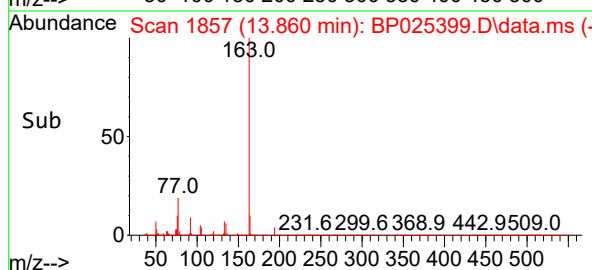
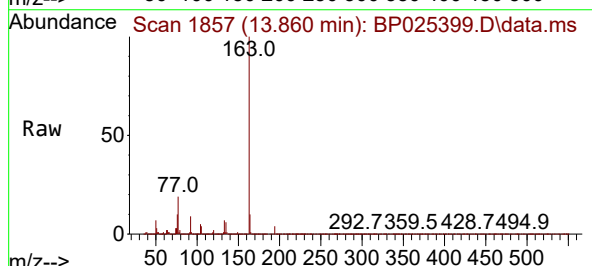
Tgt Ion:163 Resp: 2446951

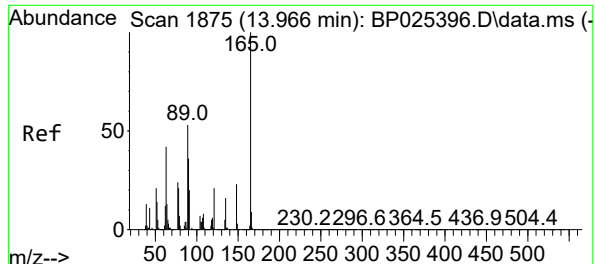
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

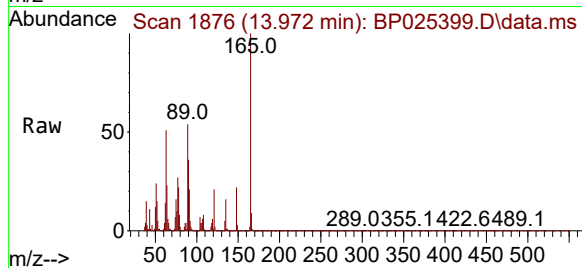
164 10.3 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 80.639 ng
RT: 13.972 min Scan# 1876
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

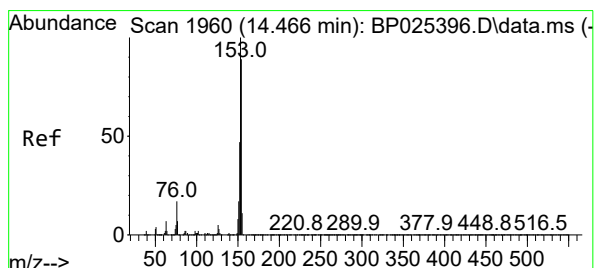
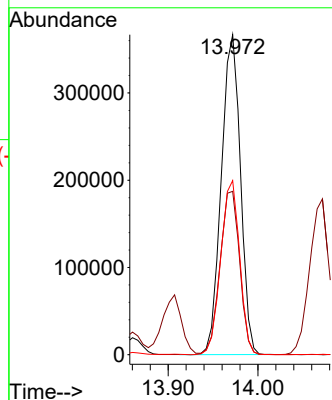
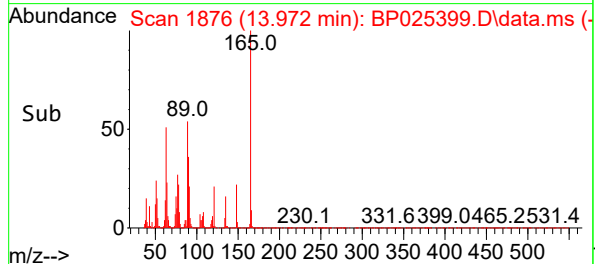
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:165 Resp: 542710
Ion Ratio Lower Upper
165 100
63 51.0 40.9 61.3
89 54.4 42.1 63.1

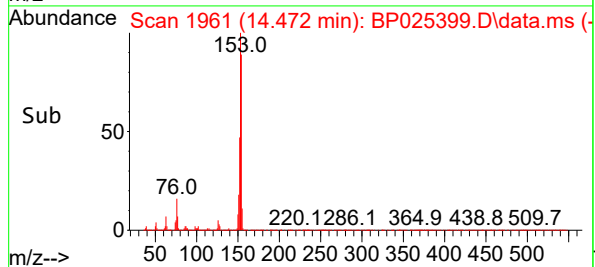
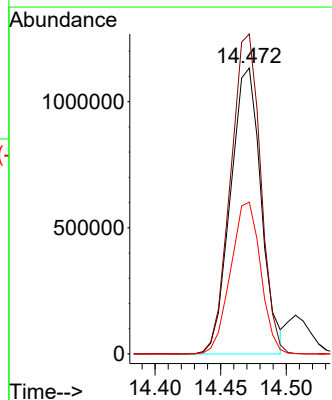
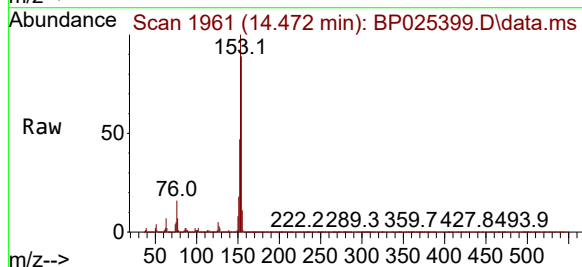
Manual Integrations
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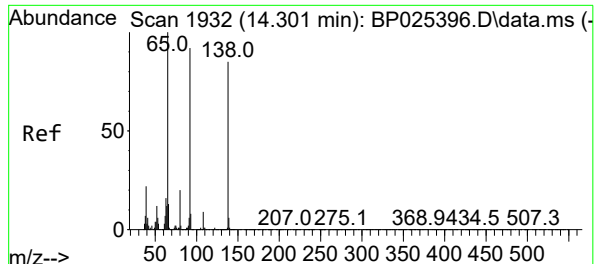
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#52
Acenaphthene
Concen: 76.902 ng
RT: 14.472 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

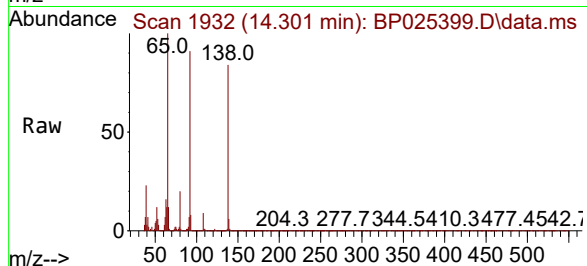
Tgt Ion:154 Resp: 1841448
Ion Ratio Lower Upper
154 100
153 111.9 90.2 135.2
152 53.1 42.1 63.1





#53
3-Nitroaniline
Concen: 81.627 ng
RT: 14.301 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

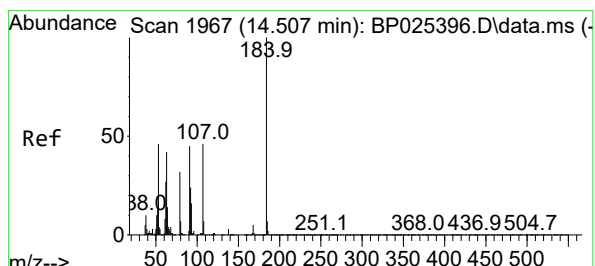
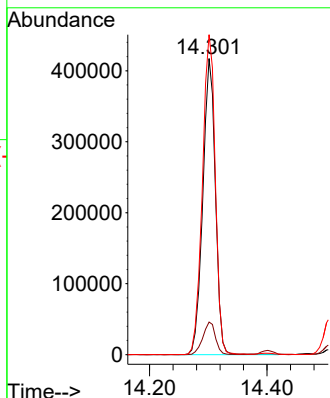
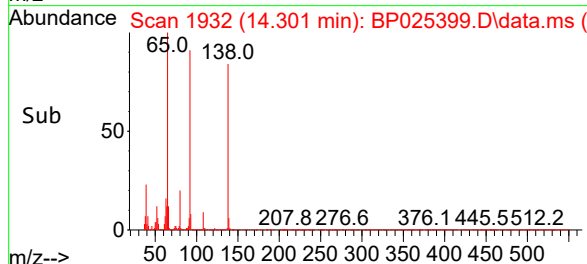
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:138 Resp: 61808
Ion Ratio Lower Upper
138 100
108 11.1 8.3 12.5
92 108.1 86.2 129.2

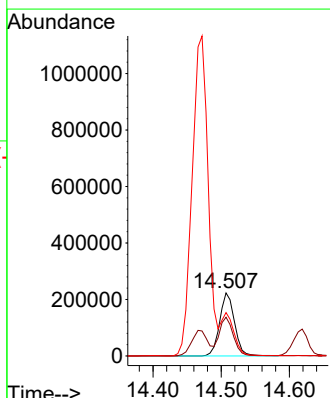
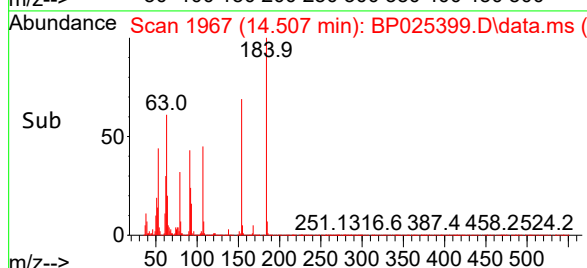
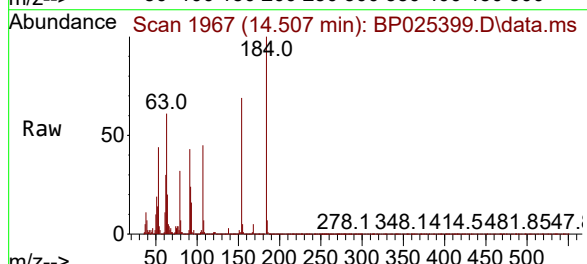
Manual Integrations
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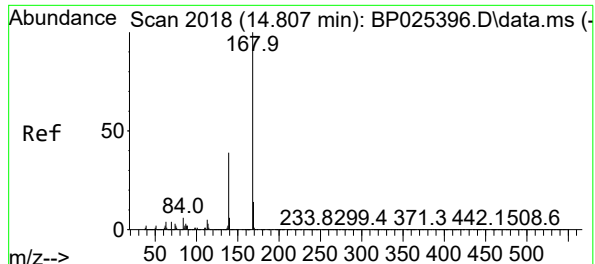
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#54
2,4-Dinitrophenol
Concen: 94.356 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

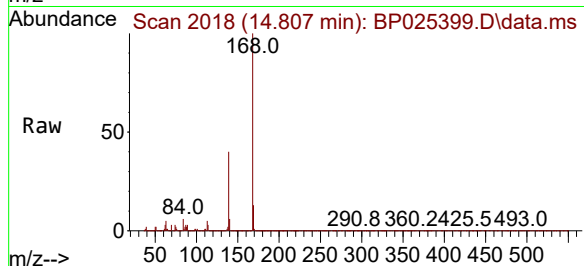
Tgt Ion:184 Resp: 339125
Ion Ratio Lower Upper
184 100
63 61.4 49.4 74.2
154 68.6 54.6 82.0





#55
Dibenzenofuran
Concen: 77.023 ng
RT: 14.807 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

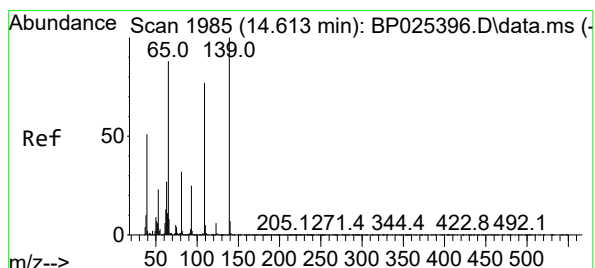
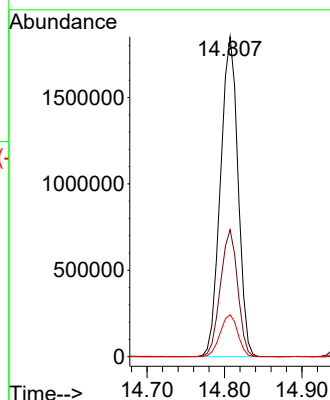
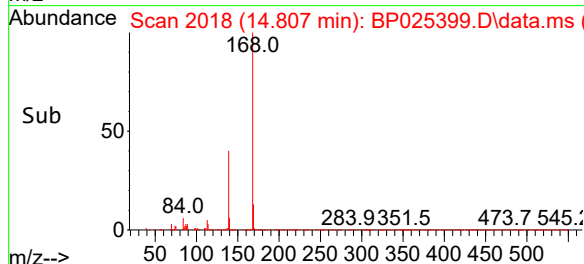
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



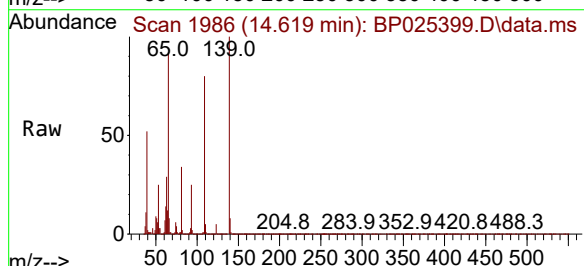
Tgt Ion:168 Resp: 291593
Ion Ratio Lower Upper
168 100
139 39.7 31.5 47.3
169 13.1 10.9 16.3

Manual Integrations
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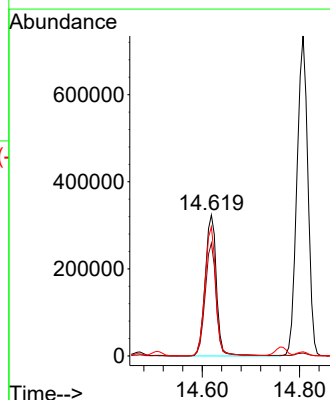
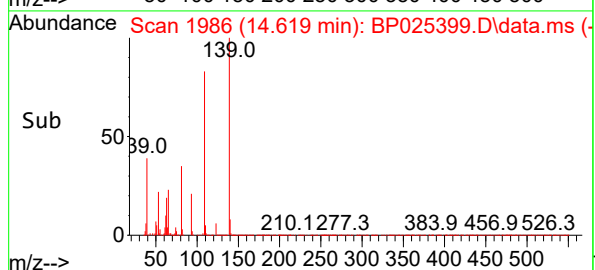
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

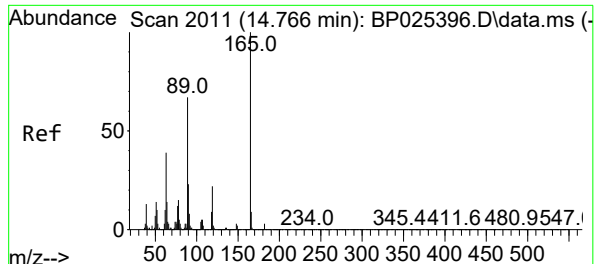


#56
4-Nitrophenol
Concen: 83.618 ng
RT: 14.619 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24



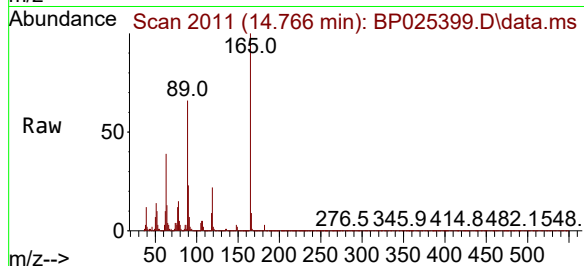
Tgt Ion:139 Resp: 520294
Ion Ratio Lower Upper
139 100
109 80.0 56.6 96.6
65 91.5 68.2 108.2





#57
2,4-Dinitrotoluene
Concen: 82.399 ng
RT: 14.766 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

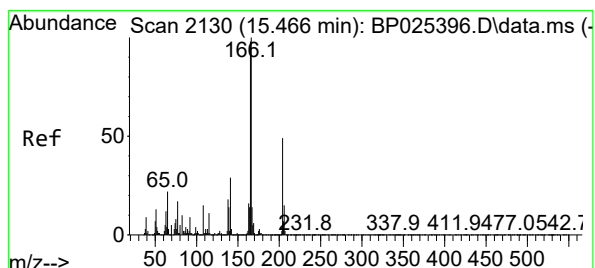
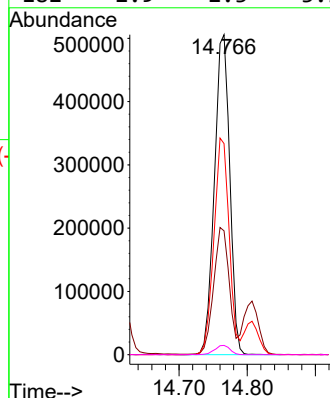
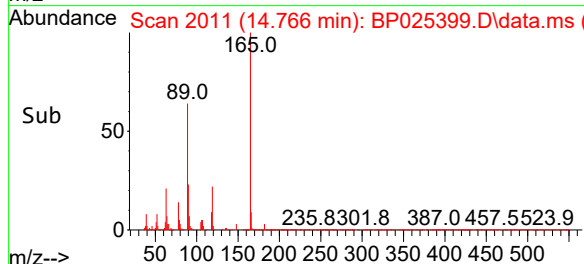
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:165 Resp: 791214
Ion Ratio Lower Upper
165 100
63 38.7 31.4 47.2
89 66.0 53.3 79.9
182 2.9 2.3 3.5

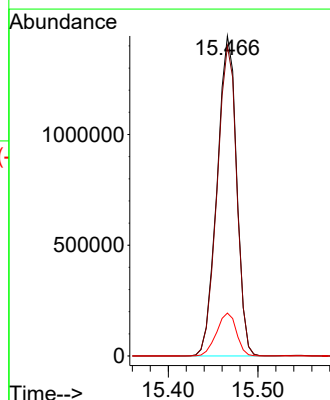
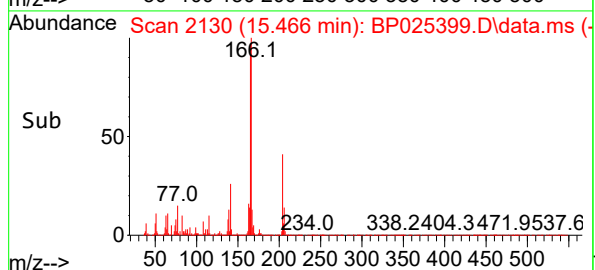
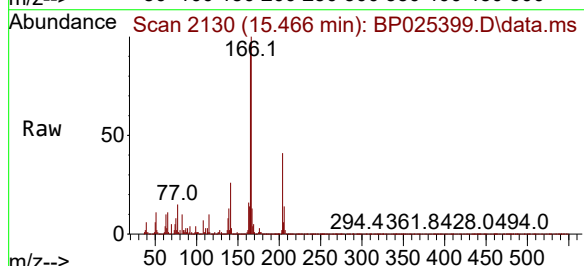
Manual Integrations
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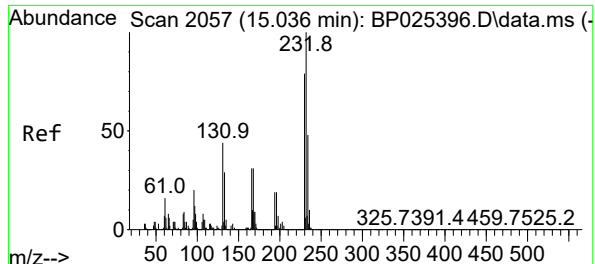
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#58
Fluorene
Concen: 73.164 ng
RT: 15.466 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:166 Resp: 2185593
Ion Ratio Lower Upper
166 100
165 96.8 78.8 118.2
167 13.4 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 80.448 ng

RT: 15.031 min Scan# 2057

Delta R.T. -0.006 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:232 Resp: 661890

Ion Ratio Lower Upper

232 100

131 45.9 37.0 55.6

130 2.5 1.9 2.9

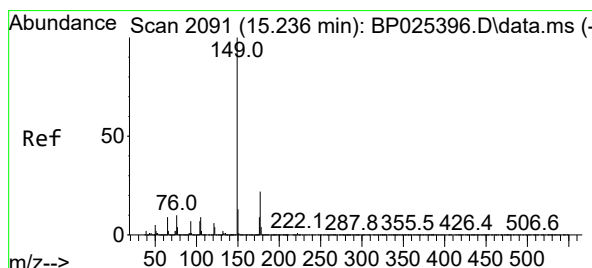
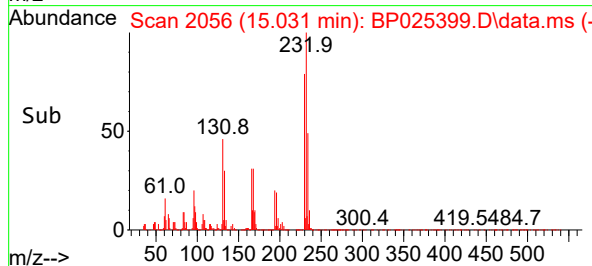
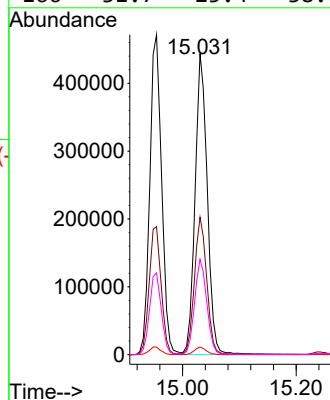
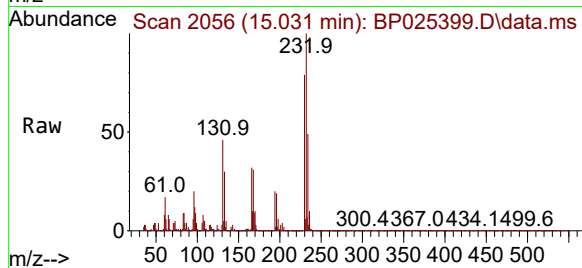
166 31.7 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#60

Diethylphthalate

Concen: 76.870 ng

RT: 15.242 min Scan# 2092

Delta R.T. 0.006 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

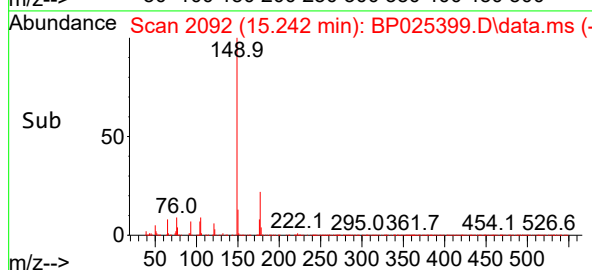
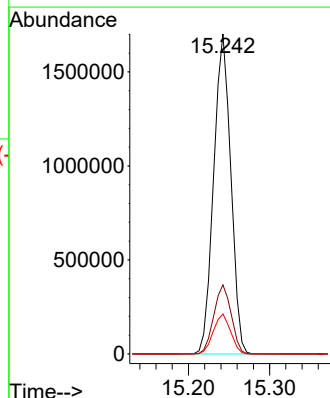
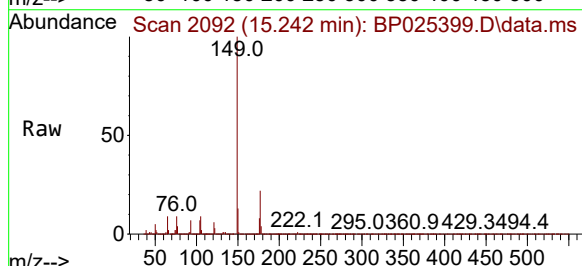
Tgt Ion:149 Resp: 2494087

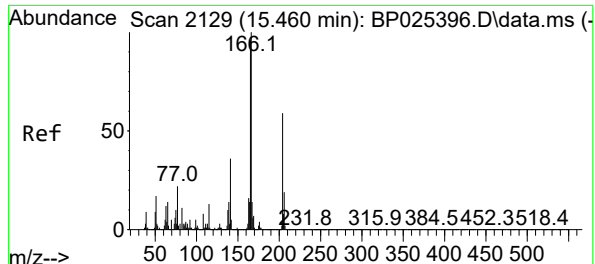
Ion Ratio Lower Upper

149 100

177 21.6 17.3 25.9

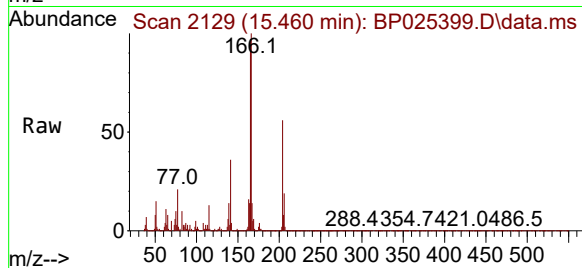
150 12.5 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 74.388 ng
RT: 15.460 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

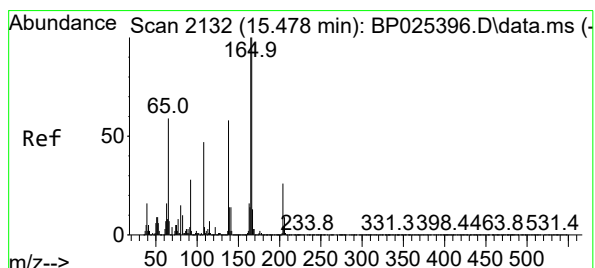
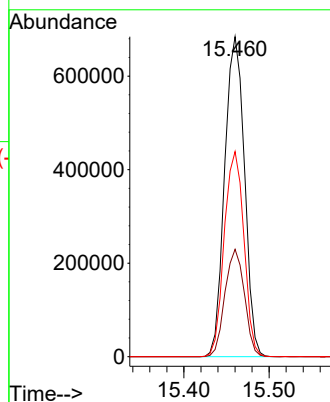
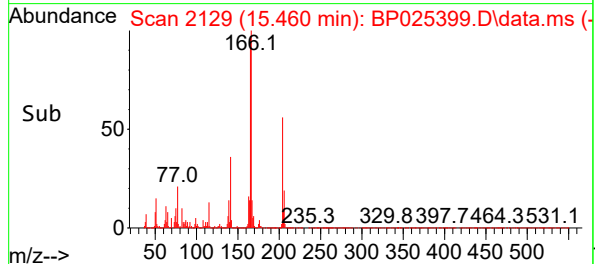
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



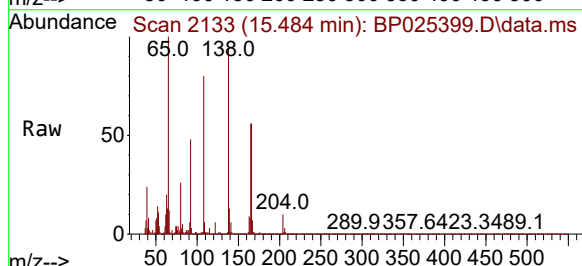
Tgt Ion:204 Resp: 110515
Ion Ratio Lower Upper
204 100
206 33.6 25.8 38.8
141 64.1 49.4 74.2

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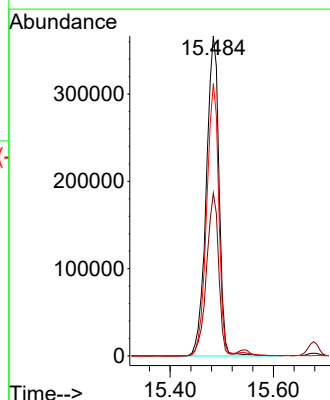
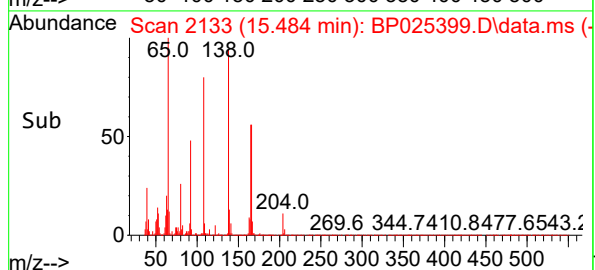
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

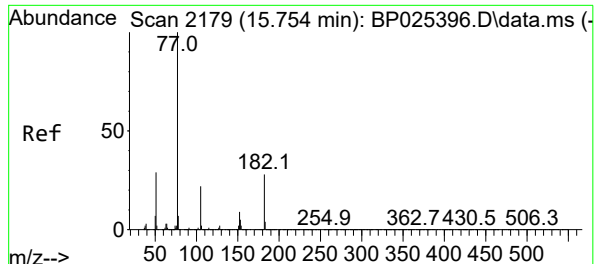


#62
4-Nitroaniline
Concen: 80.710 ng
RT: 15.484 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24



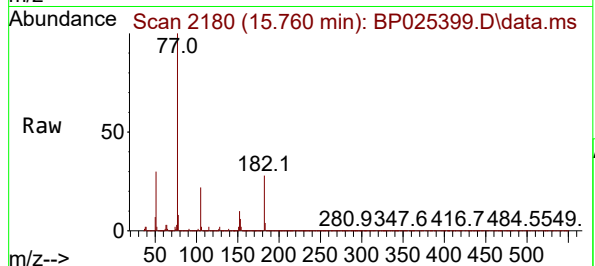
Tgt Ion:138 Resp: 626525
Ion Ratio Lower Upper
138 100
92 50.8 29.1 69.1
108 85.1 61.5 101.5





#63
Azobenzene
Concen: 77.017 ng
RT: 15.760 min Scan# 2179
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

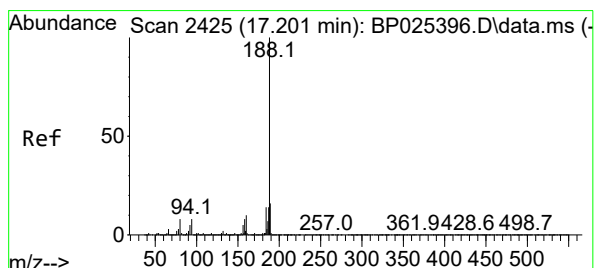
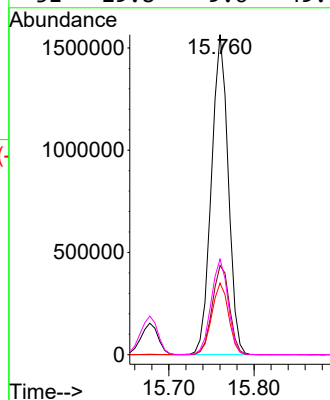
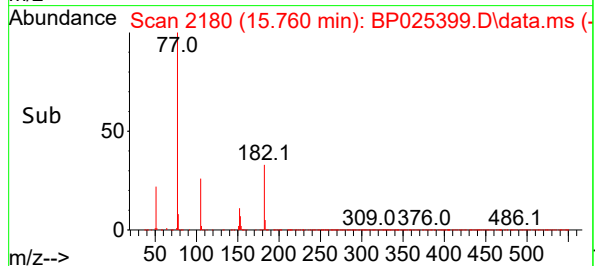
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 77 Resp: 2139674
Ion Ratio Lower Upper
77 100
182 27.9 7.5 47.5
105 22.3 2.1 42.1
51 29.8 9.6 49.6

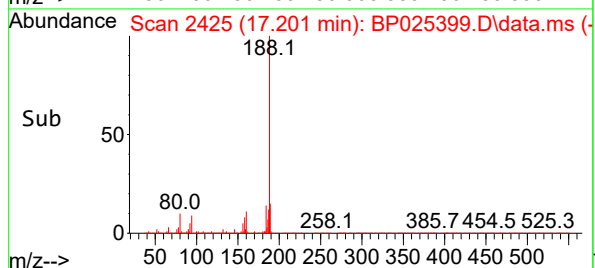
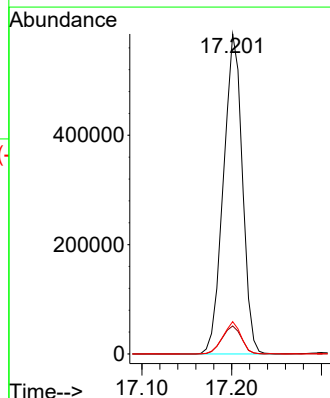
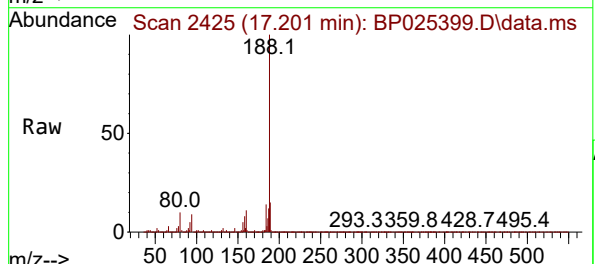
Manual Integrations
APPROVED

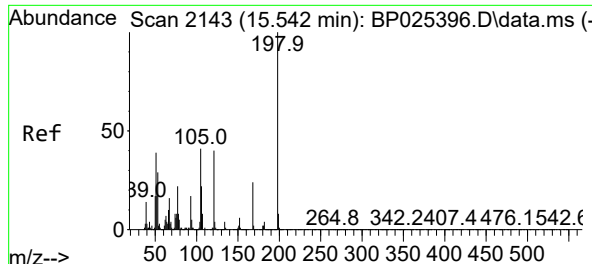
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion:188 Resp: 856946
Ion Ratio Lower Upper
188 100
94 8.7 6.6 10.0
80 10.1 6.7 10.1#





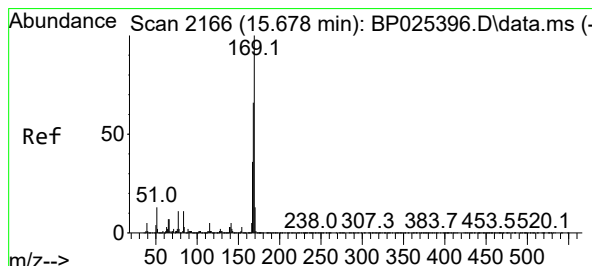
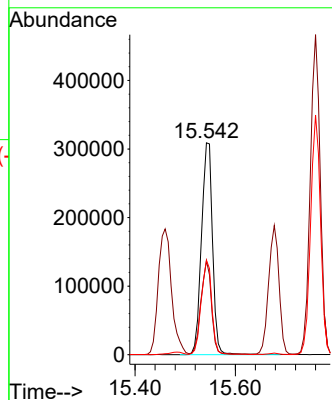
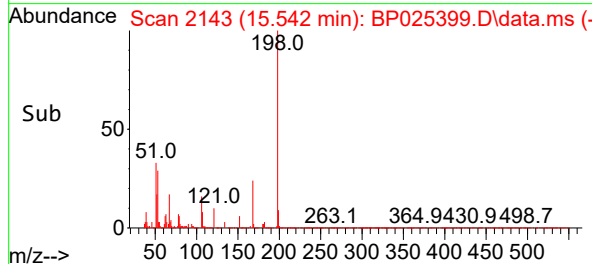
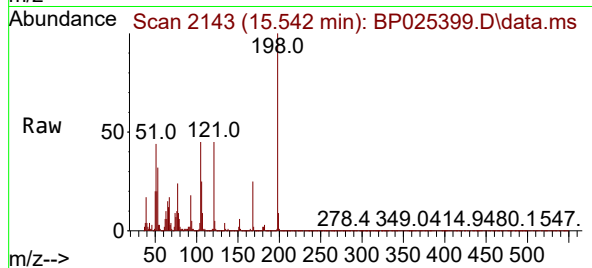
#65
4,6-Dinitro-2-methylphenol
Concen: 88.473 ng
RT: 15.542 min Scan# 2143
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:198 Resp: 472602
Ion Ratio Lower Upper
198 100
51 44.3 19.6 59.6
105 44.6 20.9 60.9

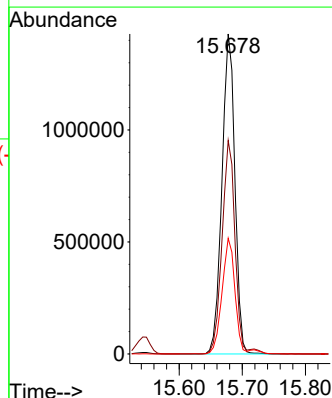
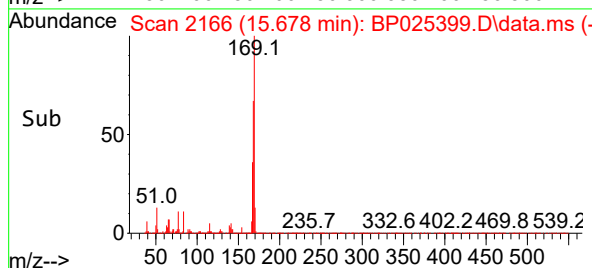
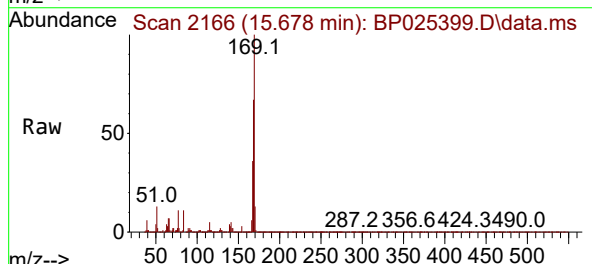
Manual Integrations
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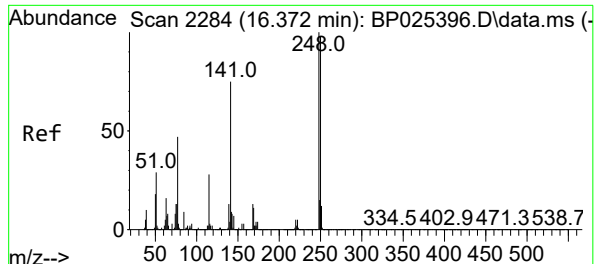
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#66
n-Nitrosodiphenylamine
Concen: 77.866 ng
RT: 15.678 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

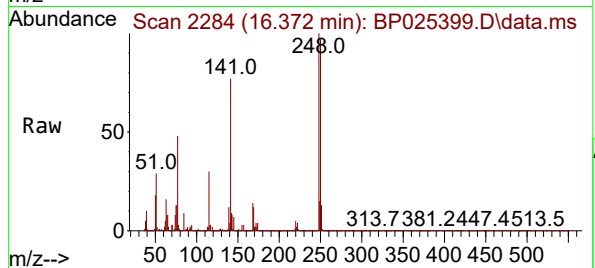
Tgt Ion:169 Resp: 2034782
Ion Ratio Lower Upper
169 100
168 66.7 53.2 79.8
167 36.2 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 79.144 ng
RT: 16.372 min Scan# 2284
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

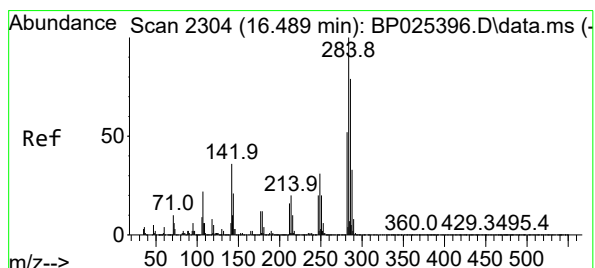
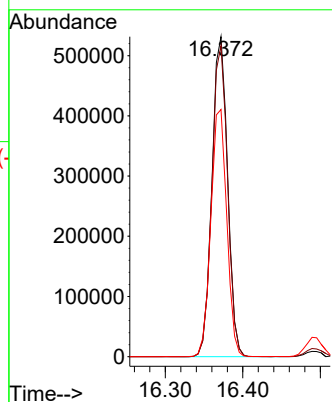
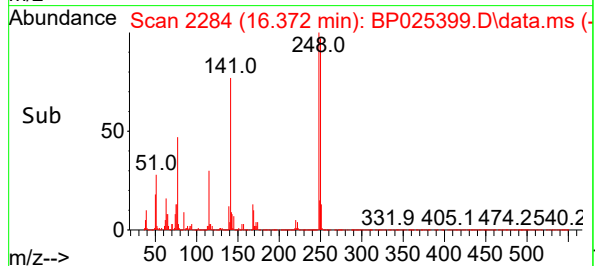
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:248 Resp: 745915
Ion Ratio Lower Upper
248 100
250 97.2 78.2 117.2
141 77.2 59.6 89.4

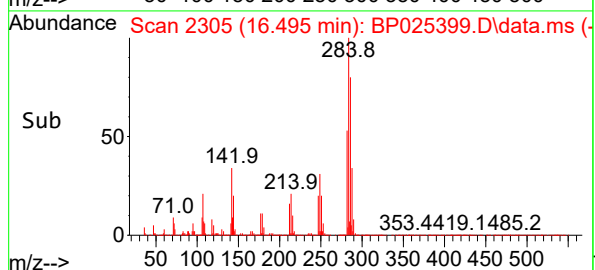
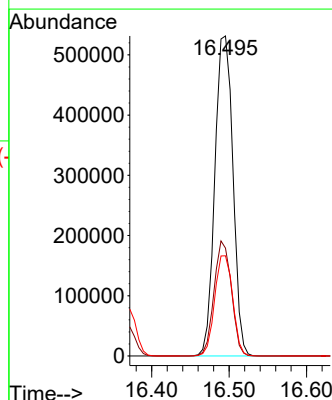
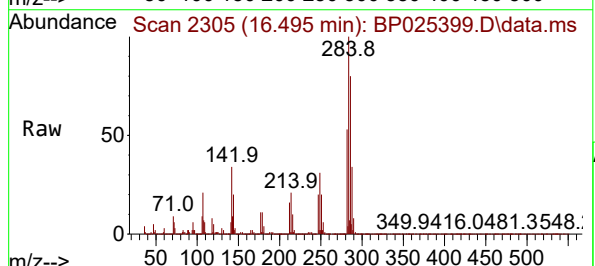
Manual Integrations
APPROVED

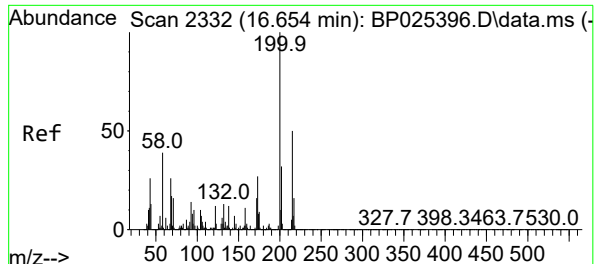
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#68
Hexachlorobenzene
Concen: 78.721 ng
RT: 16.495 min Scan# 2305
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

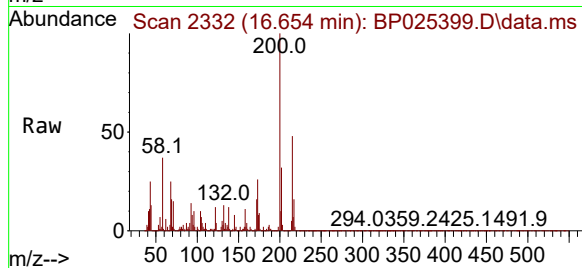
Tgt Ion:284 Resp: 860051
Ion Ratio Lower Upper
284 100
142 33.7 29.1 43.7
249 31.3 25.0 37.4





#69
Atrazine
Concen: 80.064 ng
RT: 16.654 min Scan# 2332
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

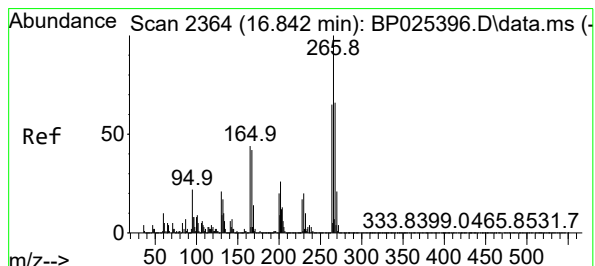
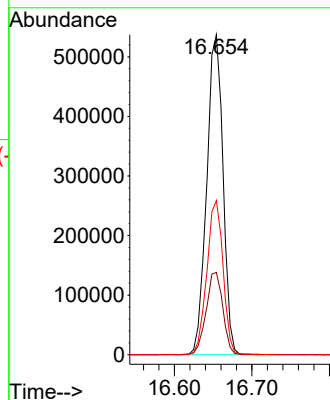
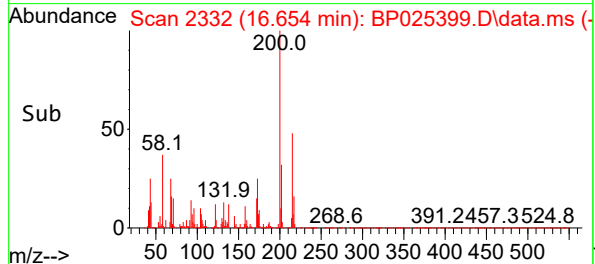
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:200 Resp: 78353
Ion Ratio Lower Upper
200 100
173 25.7 6.7 46.7
215 48.2 29.7 69.7

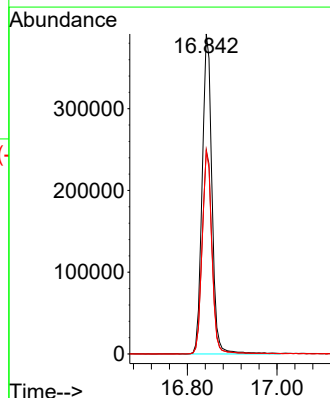
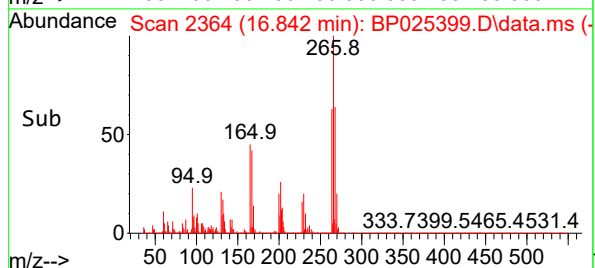
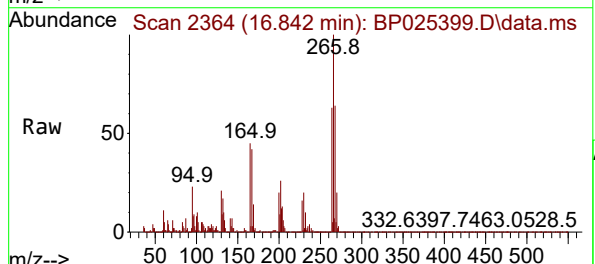
Manual Integrations
APPROVED

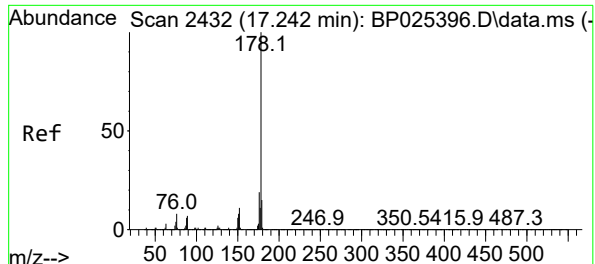
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#70
Pentachlorophenol
Concen: 85.502 ng
RT: 16.842 min Scan# 2364
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

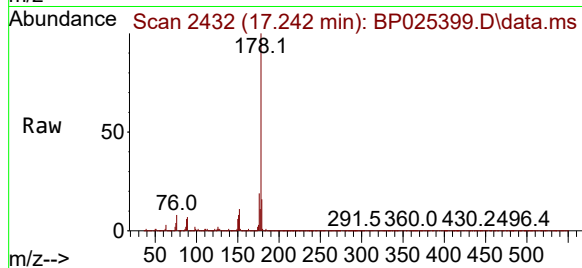
Tgt Ion:266 Resp: 589673
Ion Ratio Lower Upper
266 100
268 63.8 52.6 79.0
264 63.4 52.0 78.0





#71
Phenanthrene
Concen: 76.972 ng
RT: 17.242 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

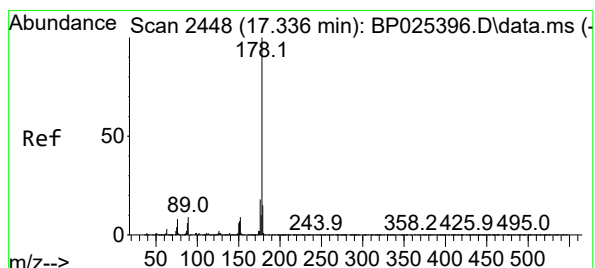
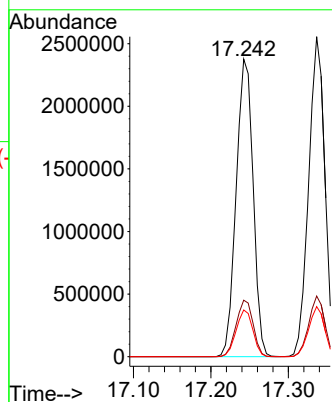
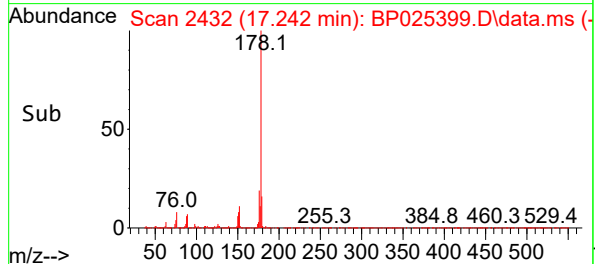
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:178 Resp: 3623454
Ion Ratio Lower Upper
178 100
176 19.0 15.5 23.3
179 15.7 12.2 18.4

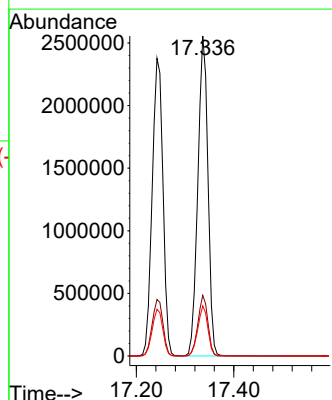
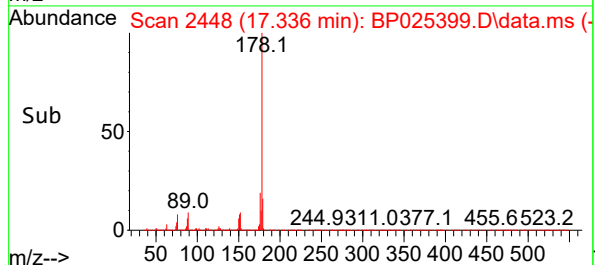
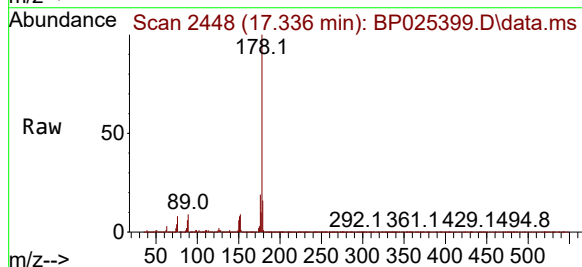
Manual Integrations
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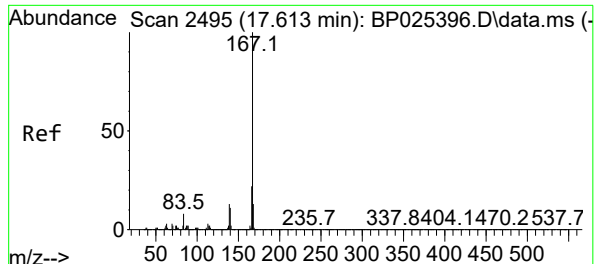
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#72
Anthracene
Concen: 77.014 ng
RT: 17.336 min Scan# 2448
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

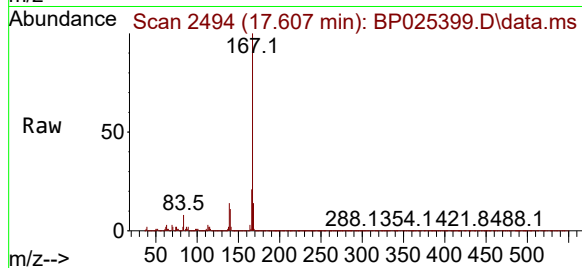
Tgt Ion:178 Resp: 3702277
Ion Ratio Lower Upper
178 100
176 18.9 14.7 22.1
179 15.7 12.2 18.2





#73
Carbazole
Concen: 77.368 ng
RT: 17.607 min Scan# 2494
Delta R.T. -0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

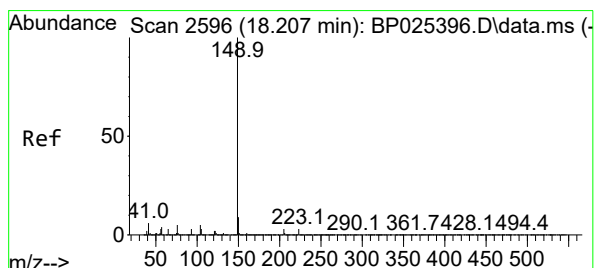
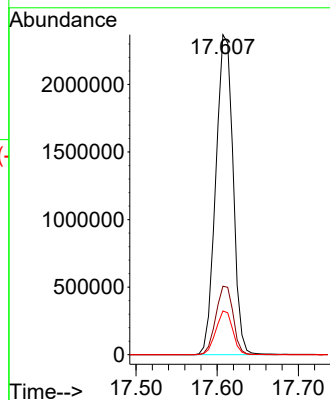
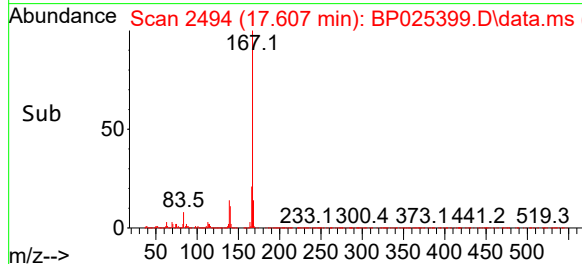
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:167 Resp: 350327
Ion Ratio Lower Upper
167 100
166 21.4 17.5 26.3
139 13.7 10.6 16.0

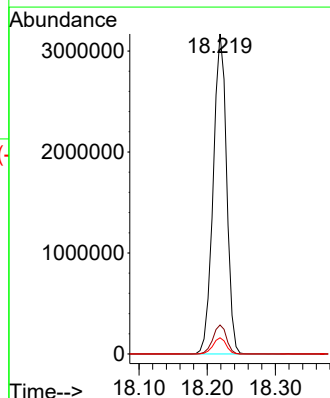
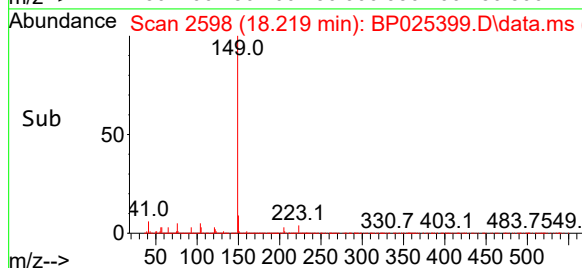
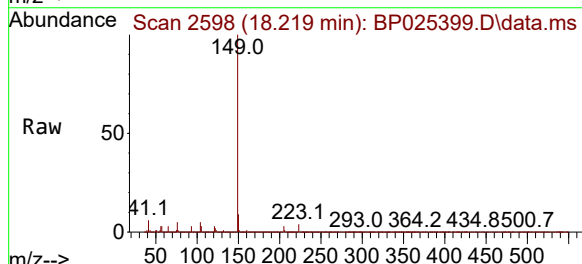
Manual Integrations
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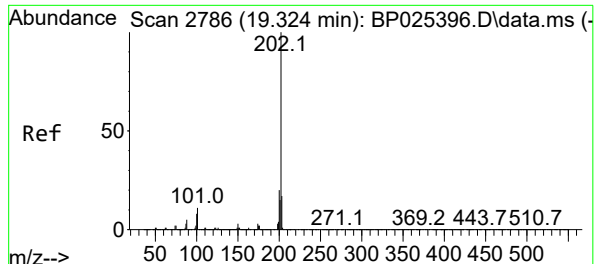
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#74
Di-n-butylphthalate
Concen: 77.844 ng
RT: 18.219 min Scan# 2598
Delta R.T. 0.012 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

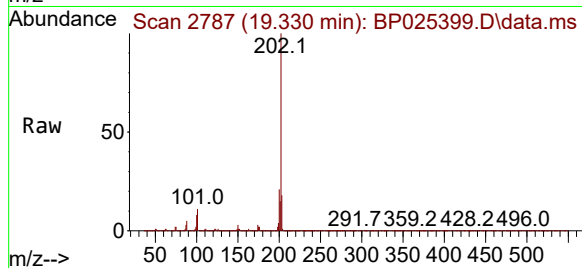
Tgt Ion:149 Resp: 4336701
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 5.0 4.2 6.2





#75
Fluoranthene
Concen: 76.815 ng
RT: 19.330 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

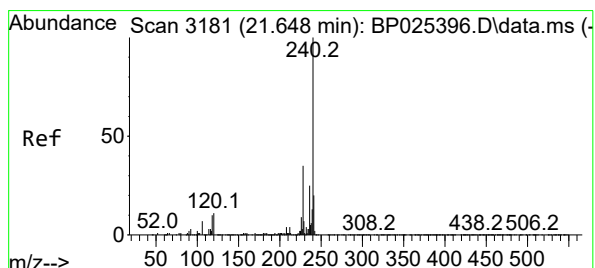
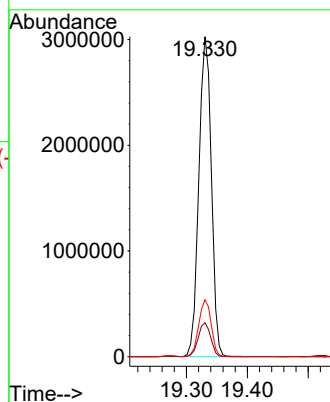
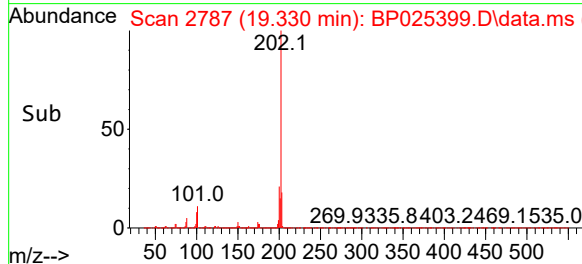
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:202 Resp: 431330
Ion Ratio Lower Upper
202 100
101 10.6 0.0 31.1
203 17.8 0.0 37.3

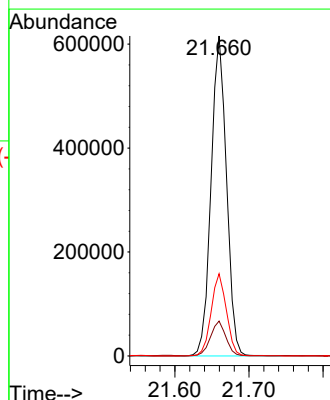
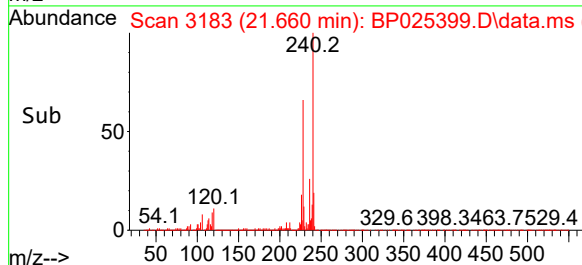
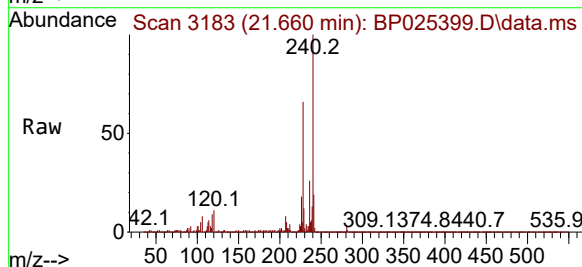
Manual Integrations
APPROVED

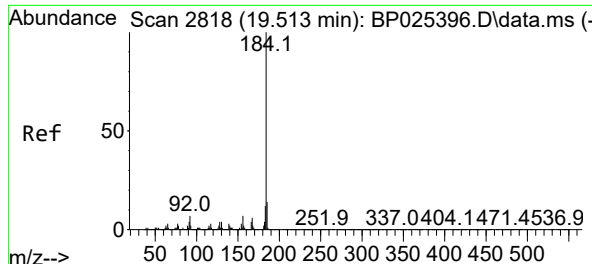
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.660 min Scan# 3183
Delta R.T. 0.012 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

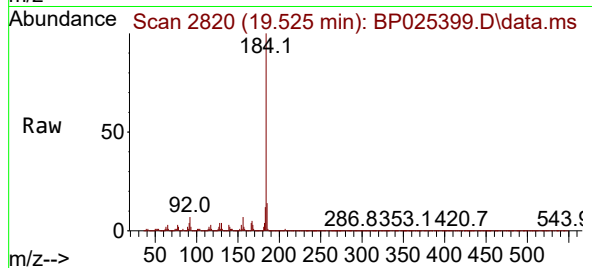
Tgt Ion:240 Resp: 888879
Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 25.7 19.8 29.8





#77
Benzidine
Concen: 67.124 ng
RT: 19.525 min Scan# 2820
Delta R.T. 0.012 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

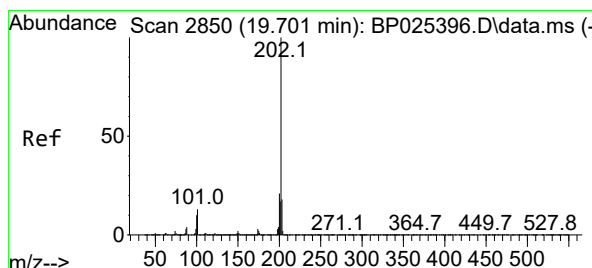
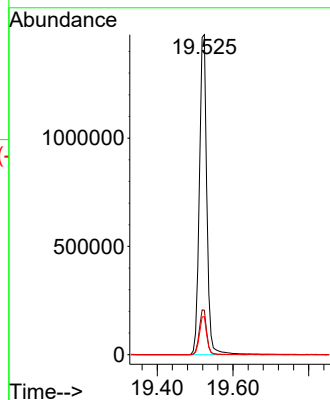
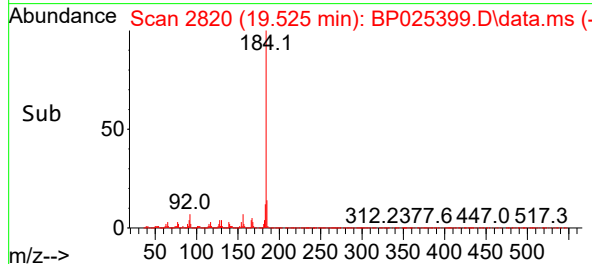
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:184 Resp: 2036240
Ion Ratio Lower Upper
184 100
185 13.9 11.5 17.3
183 11.9 9.4 14.2

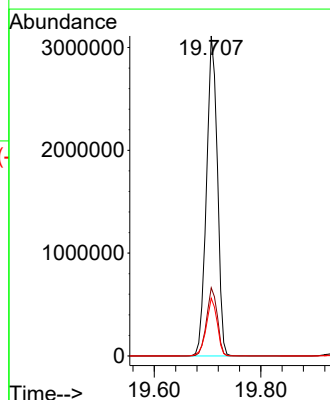
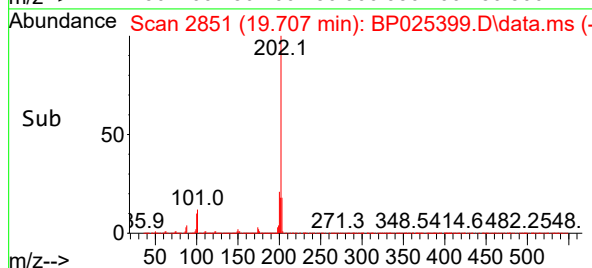
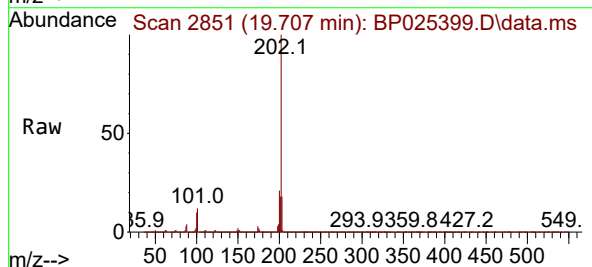
Manual Integrations
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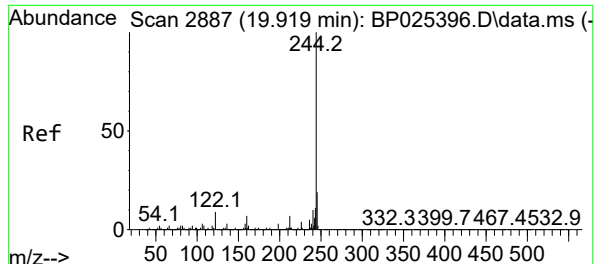
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#78
Pyrene
Concen: 76.343 ng
RT: 19.707 min Scan# 2851
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

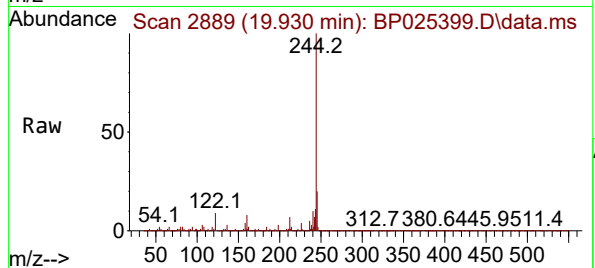
Tgt Ion:202 Resp: 4410693
Ion Ratio Lower Upper
202 100
200 21.3 16.9 25.3
203 18.1 14.2 21.2





#79
Terphenyl-d14
Concen: 146.217 ng
RT: 19.930 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

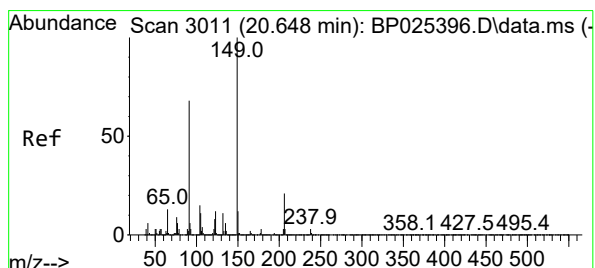
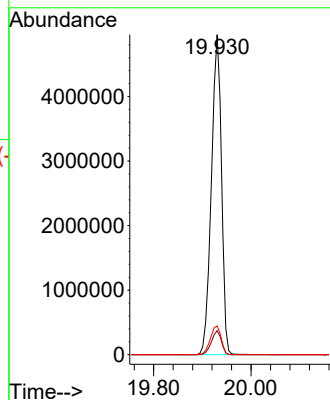
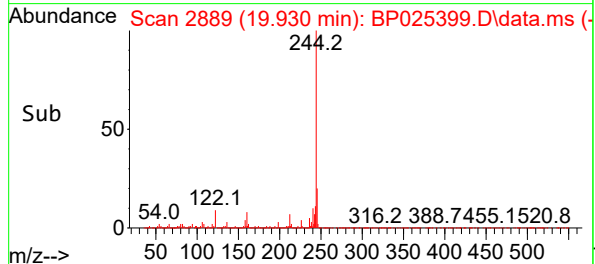
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:244 Resp: 7103810
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.6
122 9.0 7.4 11.2

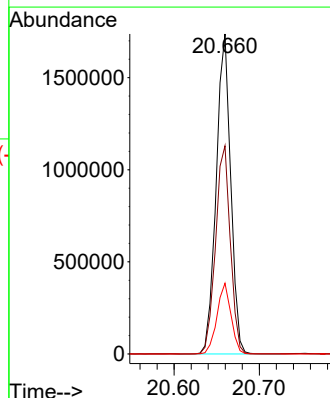
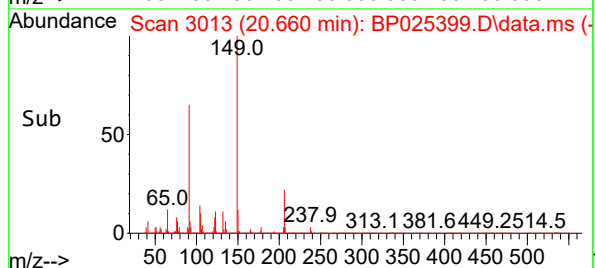
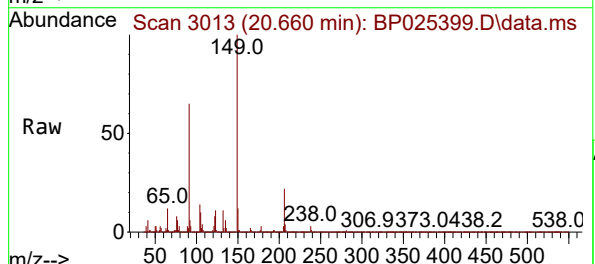
Manual Integrations
APPROVED

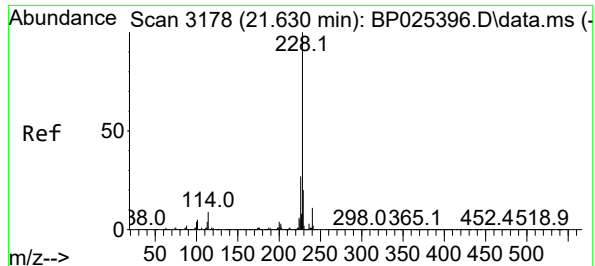
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#80
Butylbenzylphthalate
Concen: 78.460 ng
RT: 20.660 min Scan# 3013
Delta R.T. 0.012 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

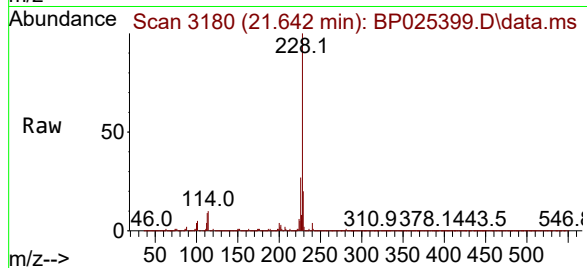
Tgt Ion:149 Resp: 2054404
Ion Ratio Lower Upper
149 100
91 65.0 54.2 81.2
206 22.1 16.6 24.8





#81
Benzo(a)anthracene
Concen: 77.322 ng
RT: 21.642 min Scan# 3178
Delta R.T. 0.012 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

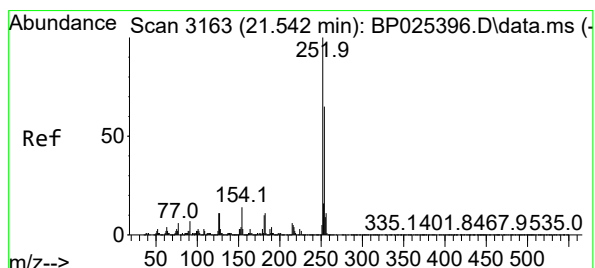
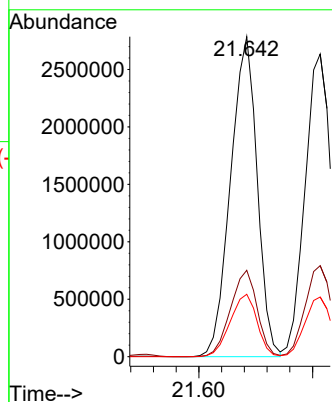
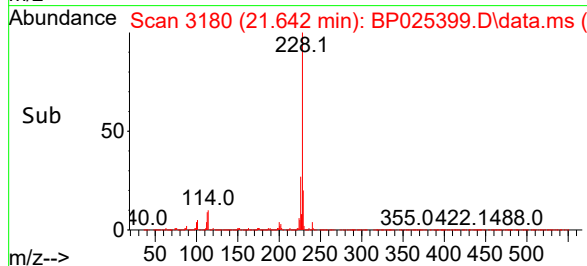
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



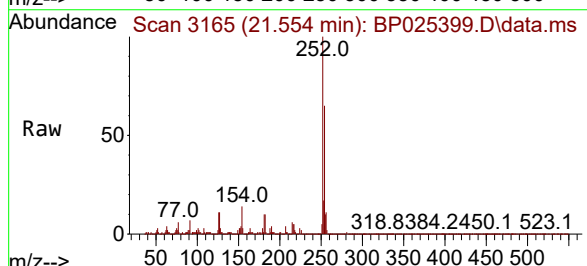
Tgt Ion:228 Resp: 453276
Ion Ratio Lower Upper
228 100
226 27.0 21.7 32.5
229 19.5 15.6 23.4

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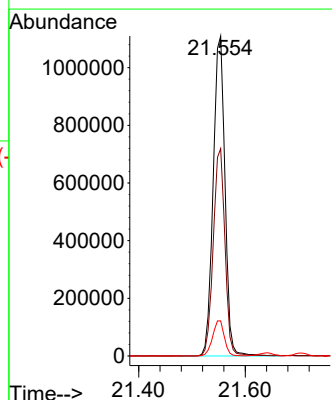
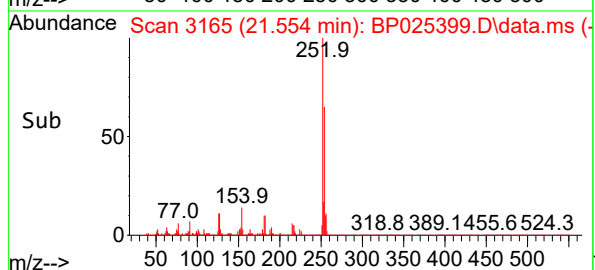
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

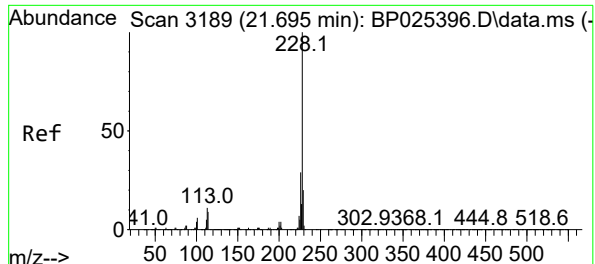


#82
3,3'-Dichlorobenzidine
Concen: 77.197 ng
RT: 21.554 min Scan# 3165
Delta R.T. 0.012 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24



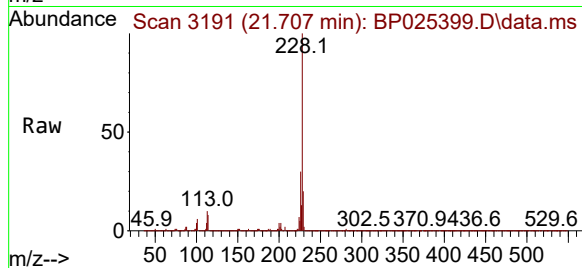
Tgt Ion:252 Resp: 1705746
Ion Ratio Lower Upper
252 100
254 64.8 51.8 77.6
126 11.0 9.1 13.7





#83
Chrysene
Concen: 76.835 ng
RT: 21.707 min Scan# 3189
Delta R.T. 0.012 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

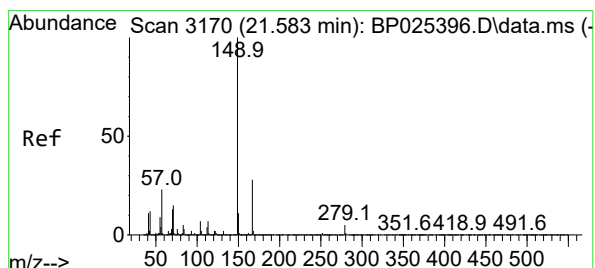
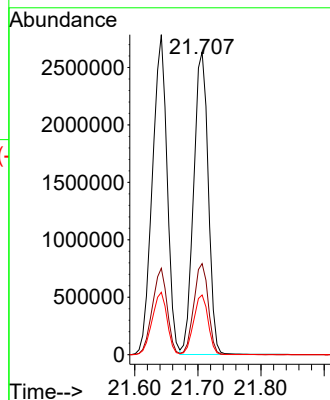
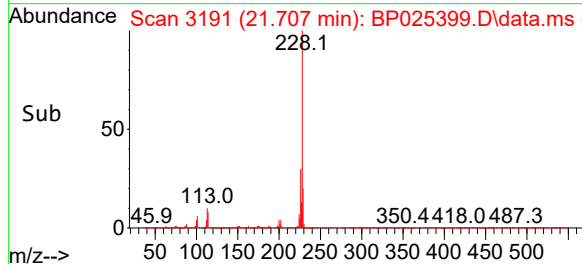
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:228 Resp: 421816
Ion Ratio Lower Upper
228 100
226 30.1 23.2 34.8
229 19.7 15.6 23.4

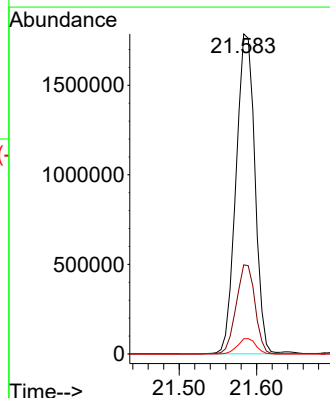
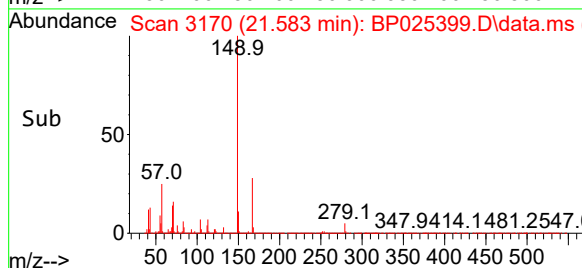
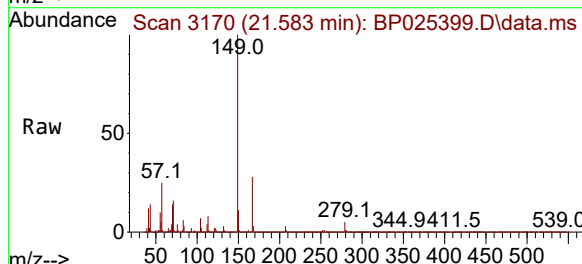
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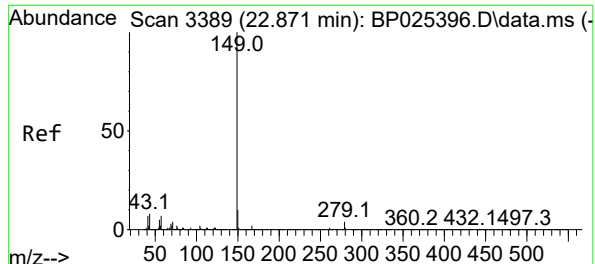
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 78.400 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

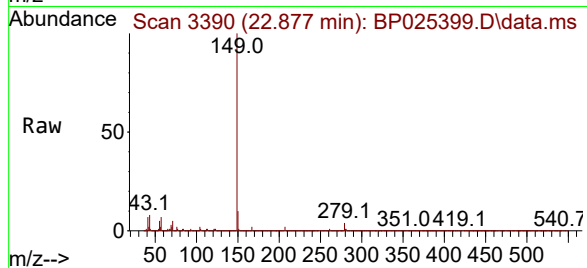
Tgt Ion:149 Resp: 3021891
Ion Ratio Lower Upper
149 100
167 27.8 22.1 33.1
279 4.8 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 79.974 ng
RT: 22.877 min Scan# 3389
Delta R.T. 0.006 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

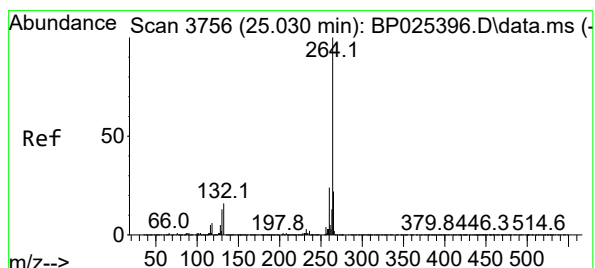
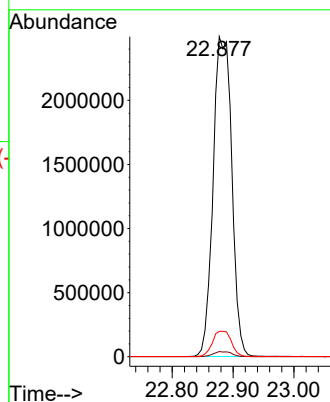
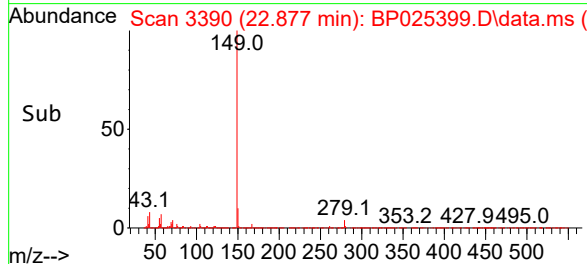
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:149 Resp: 5302080
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.0 6.3 9.5

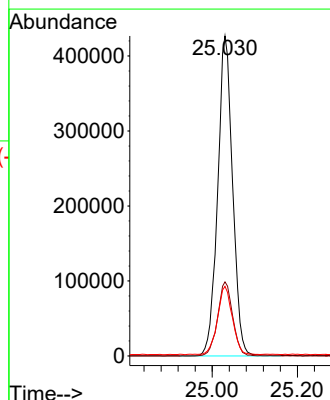
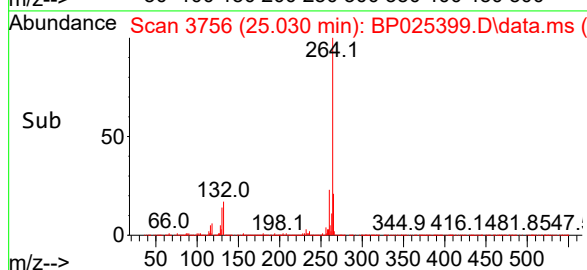
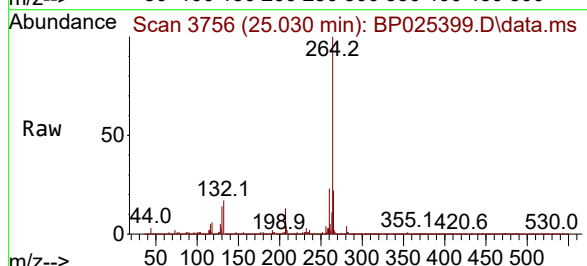
Manual Integrations
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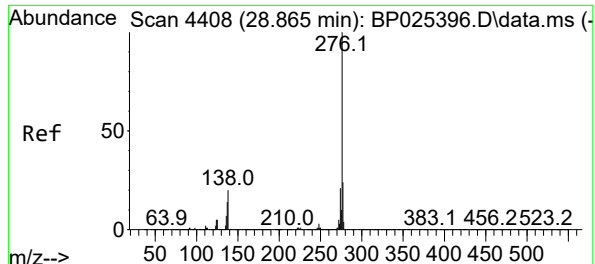
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.030 min Scan# 3756
Delta R.T. 0.000 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

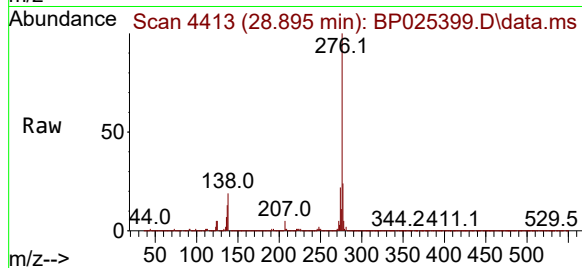
Tgt Ion:264 Resp: 1037707
Ion Ratio Lower Upper
264 100
260 23.2 19.3 28.9
265 21.8 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 81.030 ng m
RT: 28.895 min Scan# 4408
Delta R.T. 0.029 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

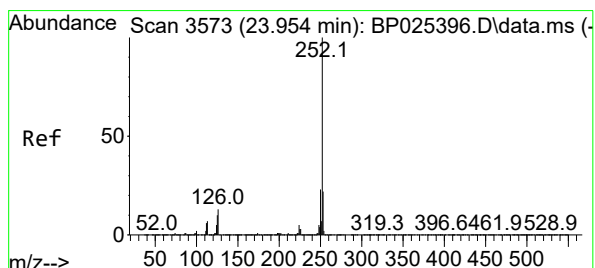
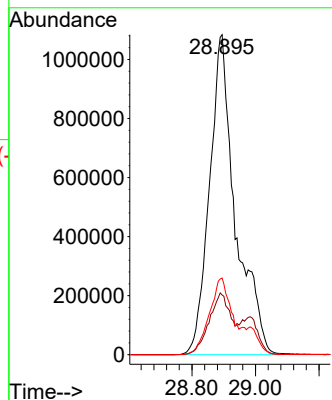
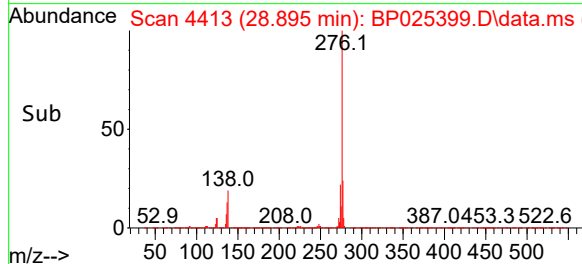
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 276 Resp: 6168570
Ion Ratio Lower Upper
276 100
138 16.9 12.9 19.3
277 20.5 17.0 25.6

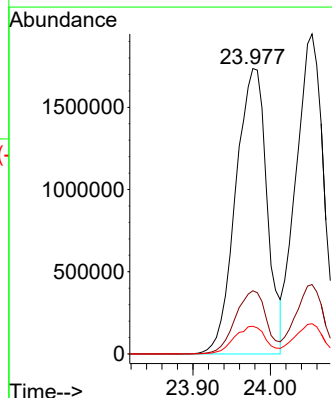
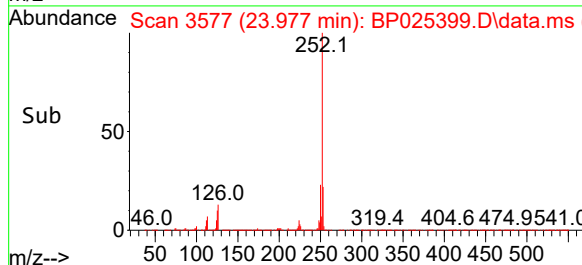
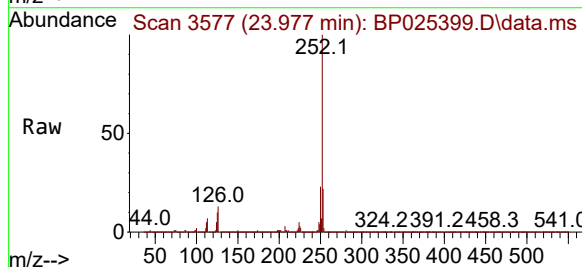
Manual Integrations
APPROVED

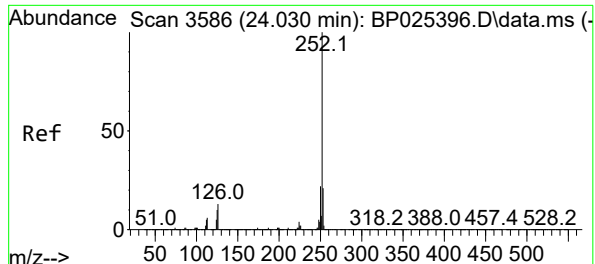
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#88
Benzo(b)fluoranthene
Concen: 79.692 ng
RT: 23.977 min Scan# 3577
Delta R.T. 0.024 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion: 252 Resp: 4876398
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 9.7 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 77.323 ng

RT: 24.054 min Scan# 31

Delta R.T. 0.024 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:252 Resp: 473463

Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

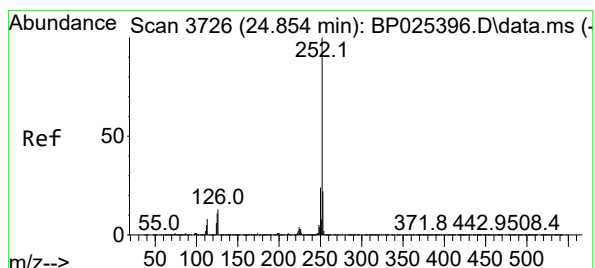
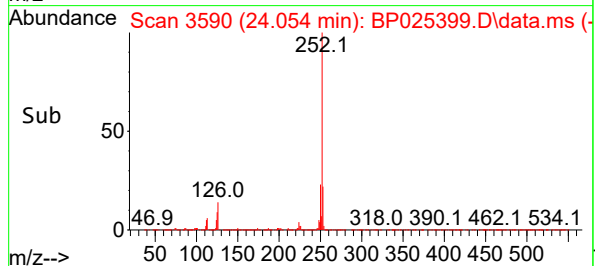
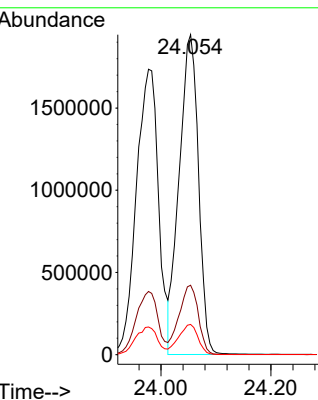
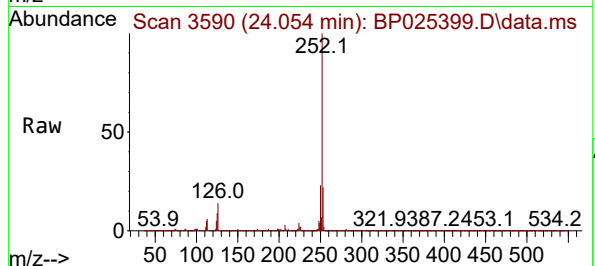
125 9.5 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#90

Benzo(a)pyrene

Concen: 79.505 ng

RT: 24.889 min Scan# 3732

Delta R.T. 0.035 min

Lab File: BP025399.D

Acq: 14 Aug 2025 17:24

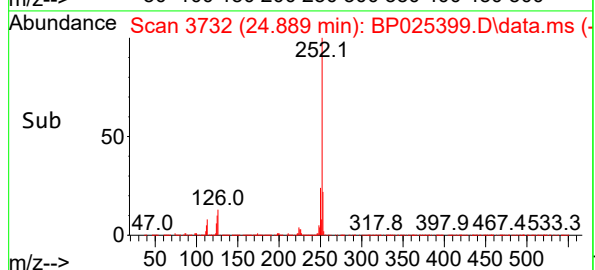
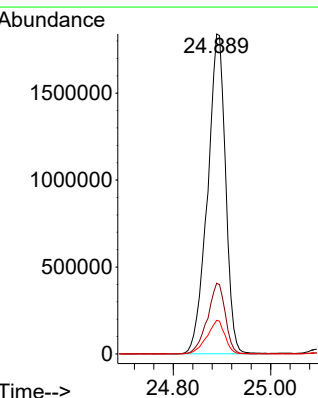
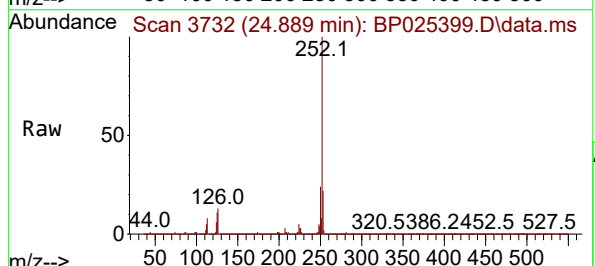
Tgt Ion:252 Resp: 4735685

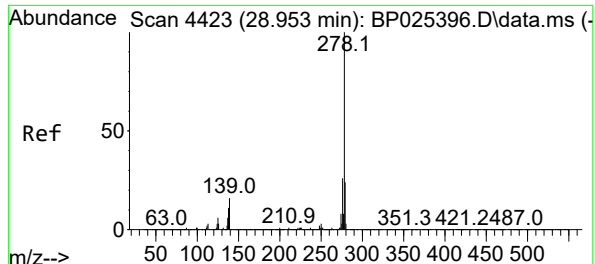
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

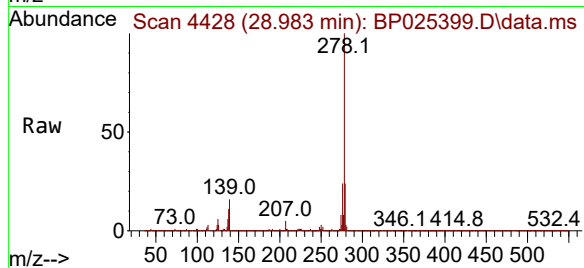
125 10.5 8.7 13.1





#91
Dibenzo(a,h)anthracene
Concen: 81.142 ng
RT: 28.983 min Scan# 4423
Delta R.T. 0.029 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

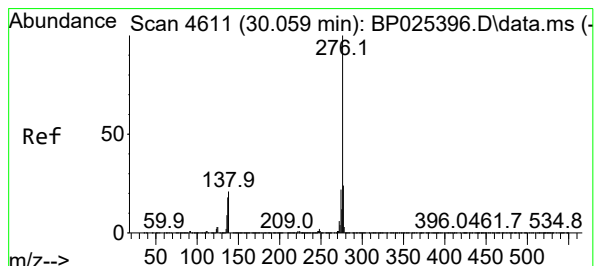
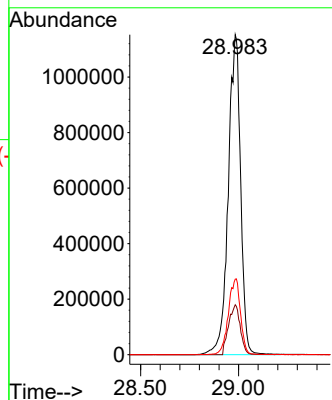
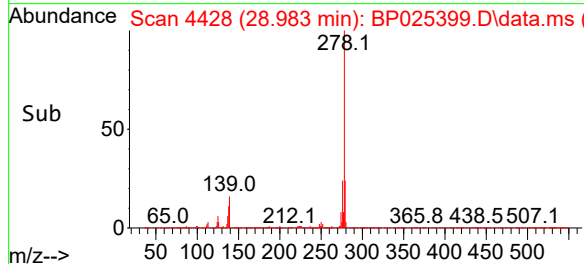
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 278 Resp: 5046260
Ion Ratio Lower Upper
278 100
139 15.6 13.0 19.4
279 23.6 19.4 29.2

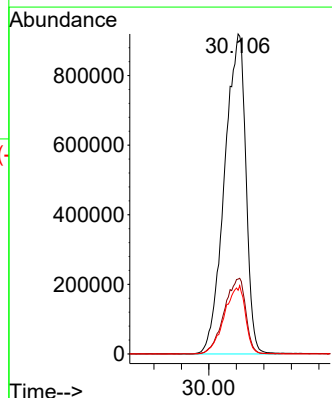
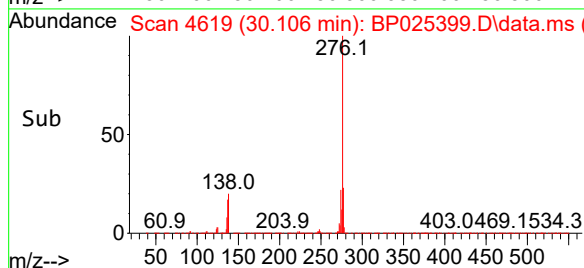
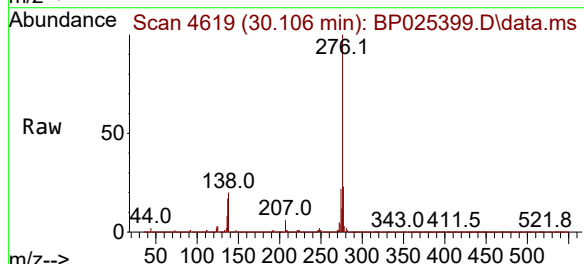
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#92
Benzo(g,h,i)perylene
Concen: 80.973 ng
RT: 30.106 min Scan# 4619
Delta R.T. 0.047 min
Lab File: BP025399.D
Acq: 14 Aug 2025 17:24

Tgt Ion: 276 Resp: 4949477
Ion Ratio Lower Upper
276 100
277 23.4 19.4 29.0
138 19.9 16.7 25.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025400.D
 Acq On : 14 Aug 2025 18:05
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP081425

Manual Integrations
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Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 18:24:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	174007	20.000	ng	0.00
21) Naphthalene-d8	10.566	136	750079	20.000	ng	0.00
39) Acenaphthene-d10	14.407	164	503239	20.000	ng	0.00
64) Phenanthrene-d10	17.213	188	1034378	20.000	ng	0.01
76) Chrysene-d12	21.654	240	1060337	20.000	ng	0.00
86) Perylene-d12	25.024	264	1200519	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	727486	69.430	ng	0.00
7) Phenol-d6	6.966	99	962695	71.663	ng	0.00
23) Nitrobenzene-d5	8.937	82	984441	66.391	ng	0.00
42) 2,4,6-Tribromophenol	15.919	330	484870	71.582	ng	0.00
45) 2-Fluorobiphenyl	13.025	172	2430828	66.016	ng	0.00
79) Terphenyl-d14	19.936	244	3848160	66.399	ng	0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.331	88	138687	33.792	ng	99
3) Pyridine	3.731	79	403298	35.901	ng	98
4) n-Nitrosodimethylamine	3.631	42	176521	38.115	ng	98
6) Aniline	7.125	93	690437	38.147	ng	99
8) 2-Chlorophenol	7.366	128	455230	38.501	ng	99
9) Benzaldehyde	6.943	77	321335	34.142	ng	96
10) Phenol	6.996	94	541123	38.388	ng	99
11) bis(2-Chloroethyl)ether	7.219	93	421318	38.348	ng	99
12) 1,3-Dichlorobenzene	7.684	146	492014	37.738	ng	100
13) 1,4-Dichlorobenzene	7.825	146	504919	37.890	ng	97
14) 1,2-Dichlorobenzene	8.143	146	487845	37.818	ng	99
15) Benzyl Alcohol	8.025	79	416544	39.025	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.319	45	563276	38.271	ng	99
17) 2-Methylphenol	8.225	107	380608	38.877	ng	100
18) Hexachloroethane	8.866	117	186691	38.103	ng	97
19) n-Nitroso-di-n-propyla...	8.590	70	340533	38.270	ng	99
20) 3+4-Methylphenols	8.549	107	524095	38.620	ng	99
22) Acetophenone	8.602	105	718869	38.216	ng	# 99
24) Nitrobenzene	8.978	77	494466	37.313	ng	98
25) Isophorone	9.501	82	993378	37.855	ng	99
26) 2-Nitrophenol	9.678	139	263348	38.722	ng	97
27) 2,4-Dimethylphenol	9.743	122	455078	38.910	ng	99
28) bis(2-Chloroethoxy)met...	9.972	93	599862	37.816	ng	99
29) 2,4-Dichlorophenol	10.213	162	449034	38.649	ng	98
30) 1,2,4-Trichlorobenzene	10.431	180	474183	37.231	ng	98
31) Naphthalene	10.613	128	1459279	37.431	ng	99
32) Benzoic acid	9.884	122	330207	38.242	ng	96
33) 4-Chloroaniline	10.713	127	655135	38.043	ng	99
34) Hexachlorobutadiene	10.901	225	293728	37.031	ng	98
35) Caprolactam	11.501	113	163211	38.310	ng	98
36) 4-Chloro-3-methylphenol	11.837	107	517126	38.789	ng	98
37) 2-Methylnaphthalene	12.219	142	960146	37.845	ng	99
38) 1-Methylnaphthalene	12.443	142	1012844	37.539	ng	99
40) 1,2,4,5-Tetrachloroben...	12.590	216	550777	37.895	ng	100
41) Hexachlorocyclopentadiene	12.572	237	351819	40.074	ng	100
43) 2,4,6-Trichlorophenol	12.831	196	382393	38.972	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025400.D
 Acq On : 14 Aug 2025 18:05
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP081425

Manual Integrations
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Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 18:24:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

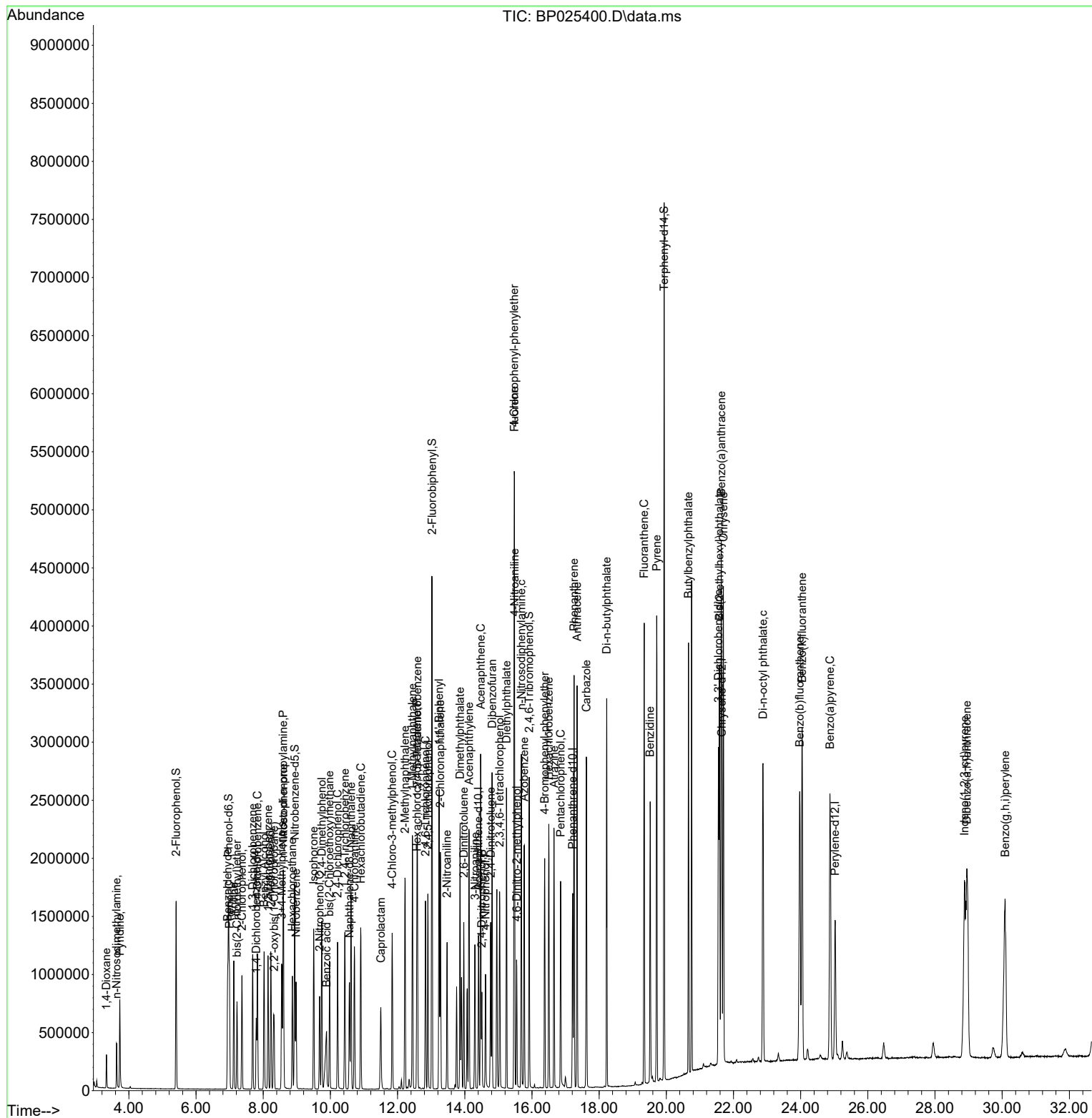
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	420565	39.108	ng	99
46) 1,1'-Biphenyl	13.237	154	1376834	37.672	ng	99
47) 2-Chloronaphthalene	13.272	162	1072147	37.682	ng	99
48) 2-Nitroaniline	13.472	65	323995	39.081	ng	99
49) Acenaphthylene	14.125	152	1775899	37.720	ng	100
50) Dimethylphthalate	13.860	163	1406620	38.170	ng	100
51) 2,6-Dinitrotoluene	13.972	165	304562	39.211	ng	98
52) Acenaphthene	14.472	154	1018011m	36.837	ng	
53) 3-Nitroaniline	14.301	138	349791	40.027	ng	98
54) 2,4-Dinitrophenol	14.507	184	172743	41.646	ng	100
55) Dibenzofuran	14.813	168	1630744	37.324	ng	100
56) 4-Nitrophenol	14.619	139	284585	39.630	ng	99
57) 2,4-Dinitrotoluene	14.772	165	448143	40.439	ng	98
58) Fluorene	15.478	166	1275341	36.992	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.036	232	371715	39.147	ng	99
60) Diethylphthalate	15.242	149	1415787	37.810	ng	99
61) 4-Chlorophenyl-phenyle...	15.472	204	627477	36.596	ng	99
62) 4-Nitroaniline	15.484	138	346865	38.717	ng	99
63) Azobenzene	15.766	77	1235242	38.526	ng	99
65) 4,6-Dinitro-2-methylph...	15.548	198	256111	39.721	ng	99
66) n-Nitrosodiphenylamine	15.684	169	1174244	37.227	ng	100
67) 4-Bromophenyl-phenylether	16.378	248	422072	37.101	ng	96
68) Hexachlorobenzene	16.501	284	488749	37.062	ng	98
69) Atrazine	16.660	200	449555	38.057	ng	100
70) Pentachlorophenol	16.854	266	322435	38.733	ng	98
71) Phenanthrene	17.254	178	2070873	36.445	ng	99
72) Anthracene	17.342	178	2179669	37.563	ng	100
73) Carbazole	17.619	167	2028595	37.116	ng	100
74) Di-n-butylphthalate	18.225	149	2528547	37.602	ng	100
75) Fluoranthene	19.342	202	2540417	37.481	ng	99
77) Benzidine	19.519	184	1529656	42.271	ng	99
78) Pyrene	19.713	202	2577810	37.404	ng	99
80) Butylbenzylphthalate	20.660	149	1199445	38.401	ng	98
81) Benzo(a)anthracene	21.636	228	2583866	36.950	ng	99
82) 3,3'-Dichlorobenzidine	21.554	252	1002597	38.038	ng	99
83) Chrysene	21.701	228	2446197	37.353	ng	99
84) Bis(2-ethylhexyl)phtha...	21.583	149	1780746	38.729	ng	100
85) Di-n-octyl phthalate	22.877	149	2998528	37.915	ng	100
87) Indeno(1,2,3-cd)pyrene	28.877	276	3267965	37.119	ng	94
88) Benzo(b)fluoranthene	23.971	252	2616701	36.964	ng	100
89) Benzo(k)fluoranthene	24.042	252	2653905	37.464	ng	99
90) Benzo(a)pyrene	24.871	252	2560692	37.160	ng	100
91) Dibenzo(a,h)anthracene	28.948	278	2697336	37.490	ng	99
92) Benzo(g,h,i)perylene	30.089	276	2632085	37.216	ng	98

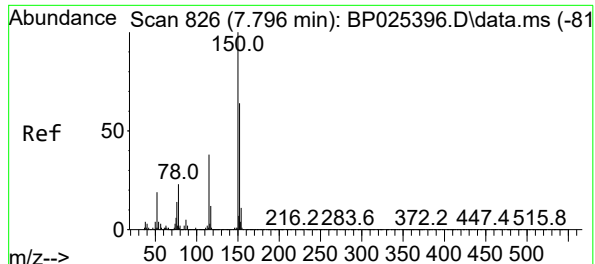
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations APPROVED

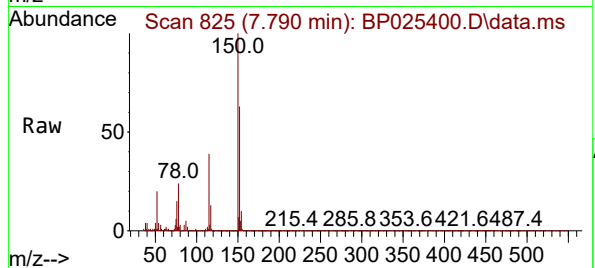
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

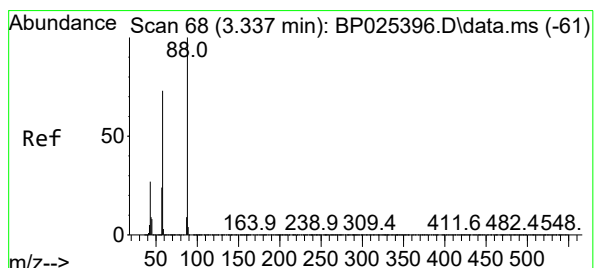
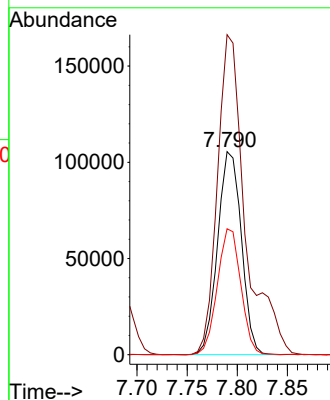
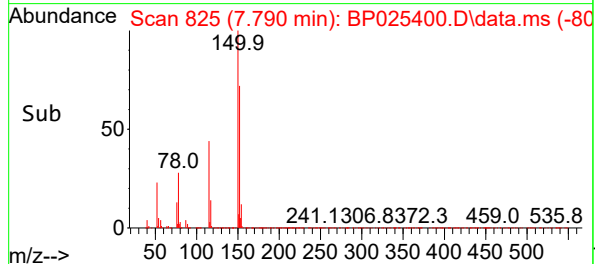
Instrument :
BNA_P
Client Sample Id :
ICVBP081425



Tgt Ion: 152 Resp: 17400
Ion Ratio Lower Upper
152 100
150 157.6 125.9 188.9
115 62.0 48.5 72.7

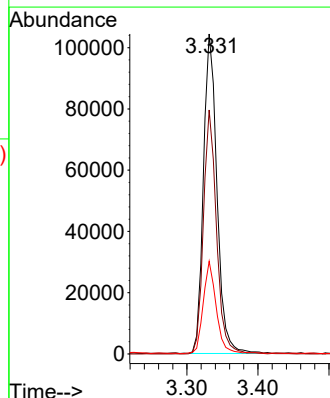
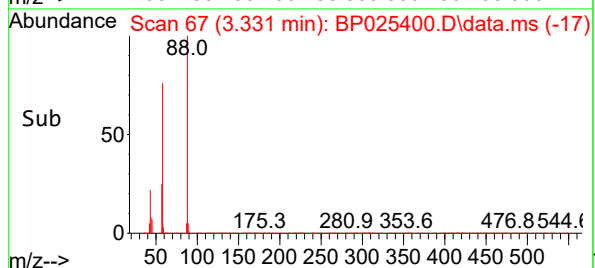
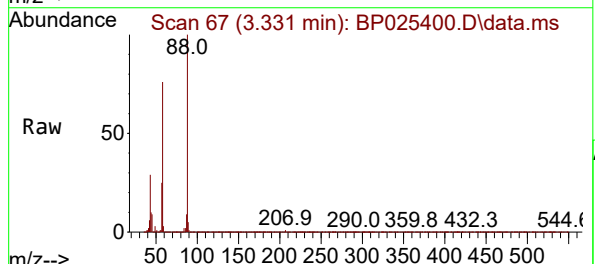
Manual Integrations
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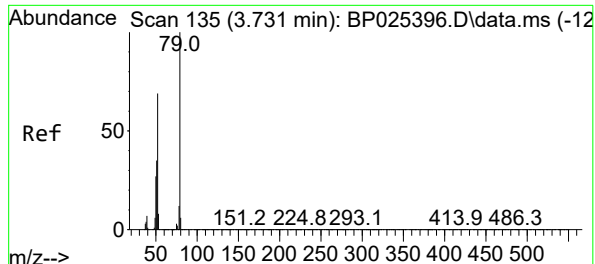
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#2
1,4-Dioxane
Concen: 33.792 ng
RT: 3.331 min Scan# 67
Delta R.T. -0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion: 88 Resp: 138687
Ion Ratio Lower Upper
88 100
58 73.7 59.2 88.8
43 27.9 21.7 32.5





#3

Pyridine

Concen: 35.901 ng

RT: 3.731 min Scan# 118

Delta R.T. 0.000 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

Instrument :

BNA_P

ClientSampleId :

ICVBP081425

Tgt Ion: 79 Resp: 403298

Ion Ratio Lower Upper

79 100

52 70.8 55.5 83.3

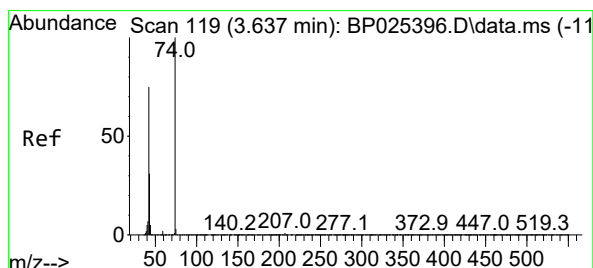
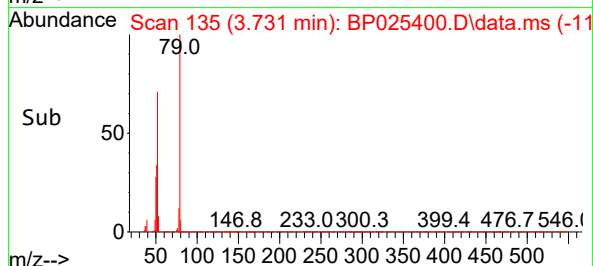
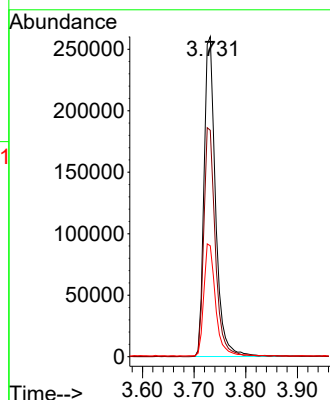
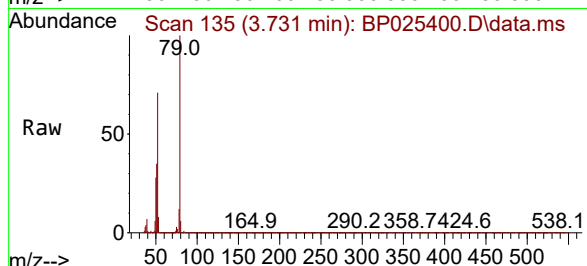
51 34.7 28.3 42.5

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#4

n-Nitrosodimethylamine

Concen: 38.115 ng

RT: 3.631 min Scan# 118

Delta R.T. -0.006 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

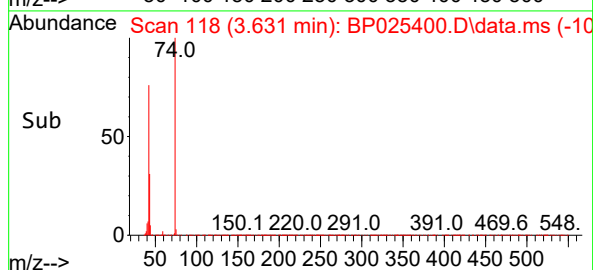
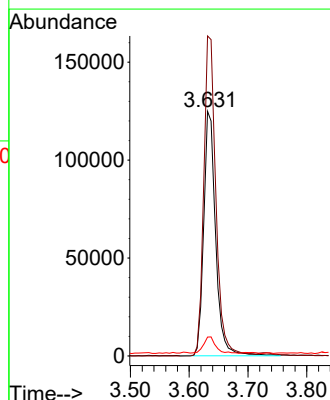
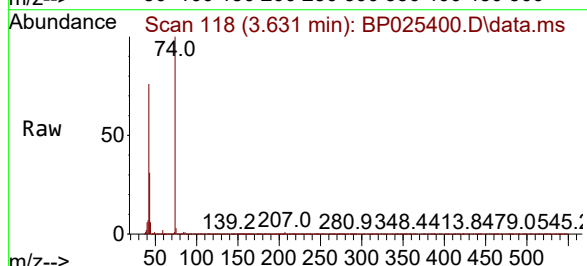
Tgt Ion: 42 Resp: 176521

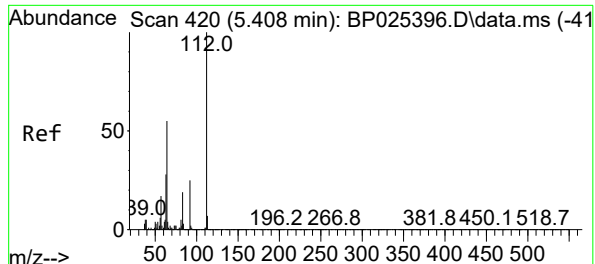
Ion Ratio Lower Upper

42 100

74 130.8 107.0 160.4

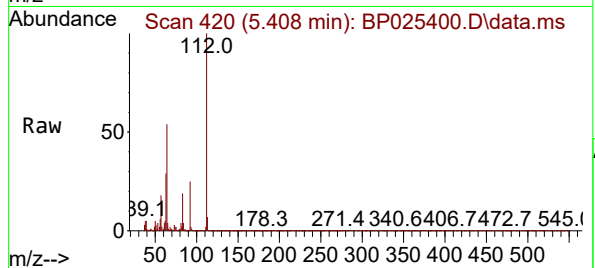
44 7.7 6.2 9.4





#5
2-Fluorophenol
Concen: 69.430 ng
RT: 5.408 min Scan# 41
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

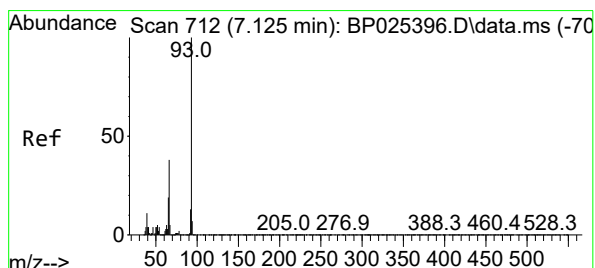
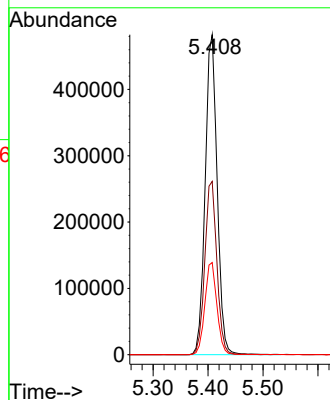
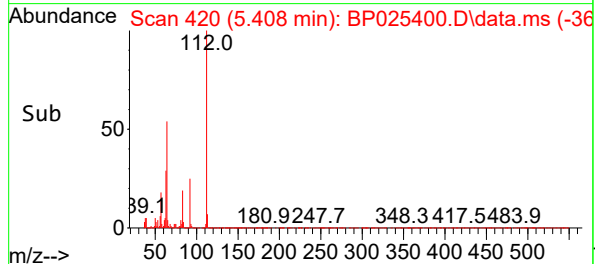
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



Tgt Ion:112 Resp: 727480
Ion Ratio Lower Upper
112 100
64 54.2 43.8 65.8
63 28.8 22.7 34.1

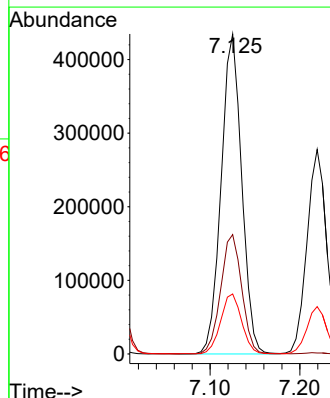
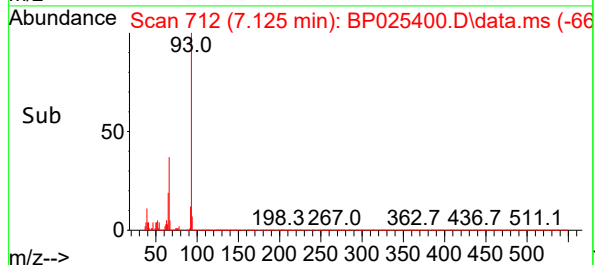
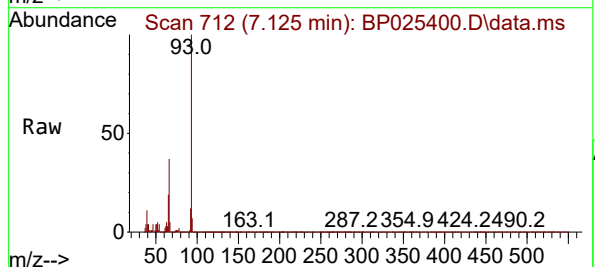
Manual Integrations
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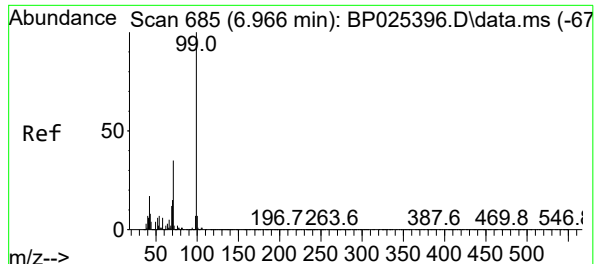
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#6
Aniline
Concen: 38.147 ng
RT: 7.125 min Scan# 712
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

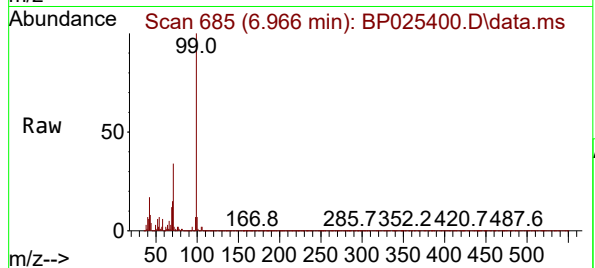
Tgt Ion: 93 Resp: 690437
Ion Ratio Lower Upper
93 100
66 37.3 30.4 45.6
65 18.7 15.3 22.9





#7
Phenol-d6
Concen: 71.663 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

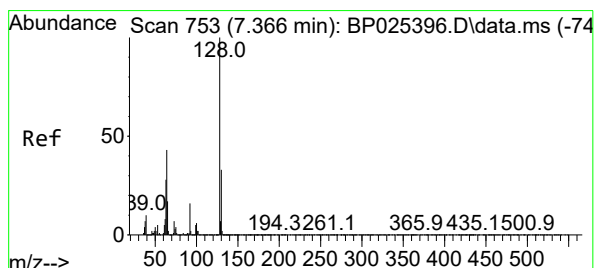
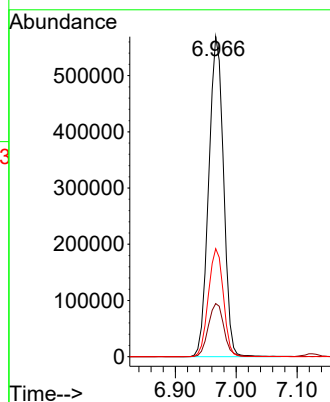
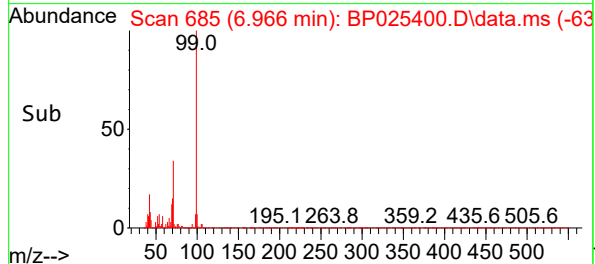
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



Tgt Ion: 99 Resp: 96269
Ion Ratio Lower Upper
99 100
42 16.6 13.7 20.5
71 33.7 28.2 42.4

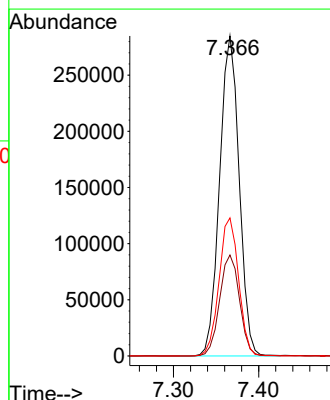
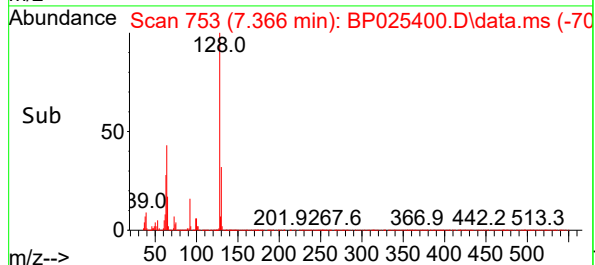
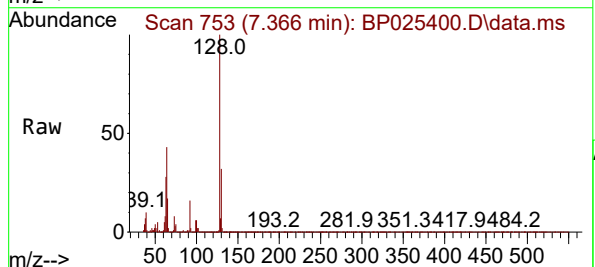
Manual Integrations
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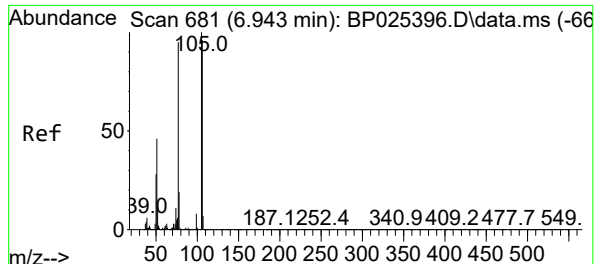
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#8
2-Chlorophenol
Concen: 38.501 ng
RT: 7.366 min Scan# 753
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

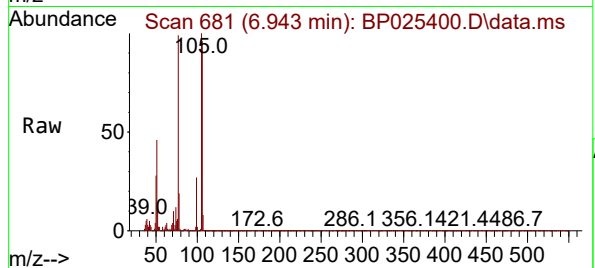
Tgt Ion:128 Resp: 455230
Ion Ratio Lower Upper
128 100
130 31.6 12.6 52.6
64 43.2 23.4 63.4





#9
Benzaldehyde
Concen: 34.142 ng
RT: 6.943 min Scan# 681
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

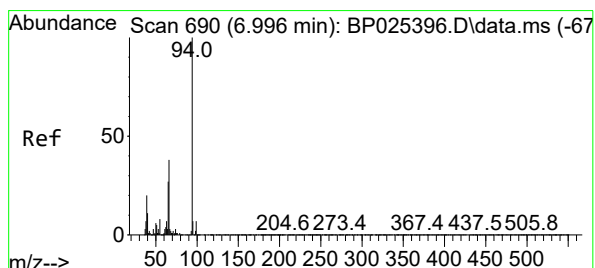
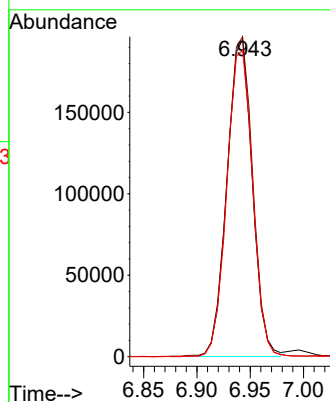
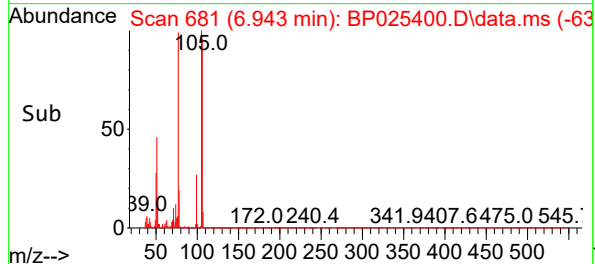
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



Tgt Ion: 77 Resp: 32133
Ion Ratio Lower Upper
77 100
105 100.9 84.8 124.8
106 96.6 80.5 120.5

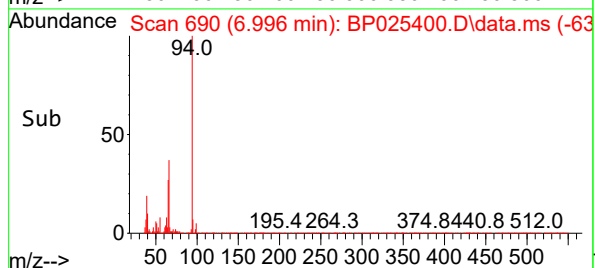
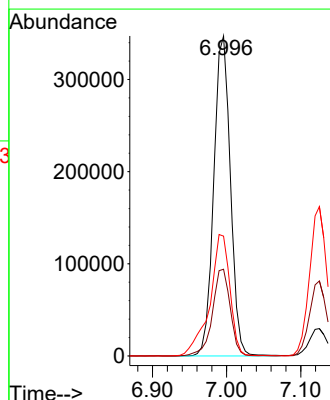
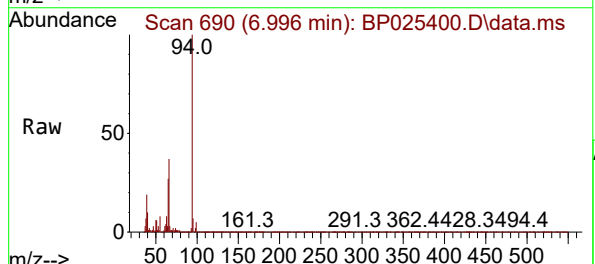
Manual Integrations
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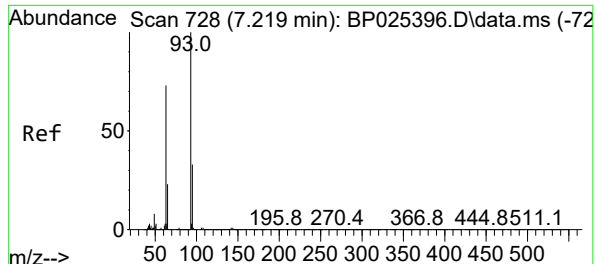
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#10
Phenol
Concen: 38.388 ng
RT: 6.996 min Scan# 690
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

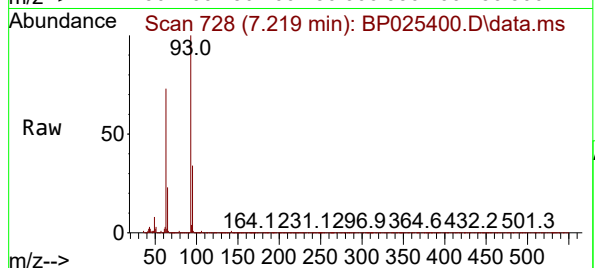
Tgt Ion: 94 Resp: 541123
Ion Ratio Lower Upper
94 100
65 27.1 6.8 46.8
66 37.5 18.2 58.2





#11
bis(2-Chloroethyl)ether
Concen: 38.348 ng
RT: 7.219 min Scan# 728
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

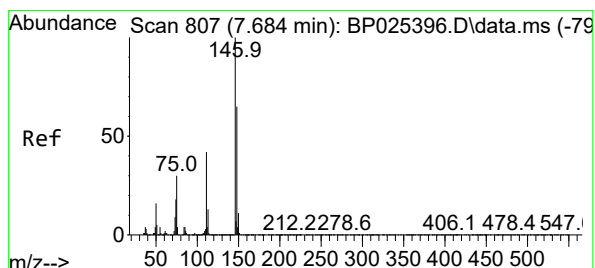
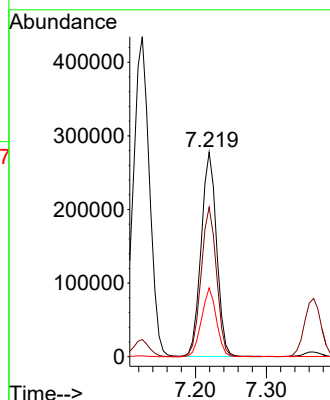
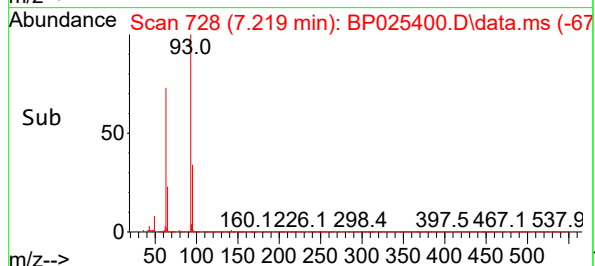
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



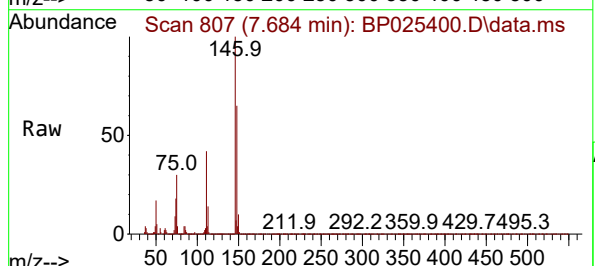
Tgt Ion: 93 Resp: 421318
Ion Ratio Lower Upper
93 100
63 73.1 52.6 92.6
95 33.6 12.7 52.7

Manual Integrations
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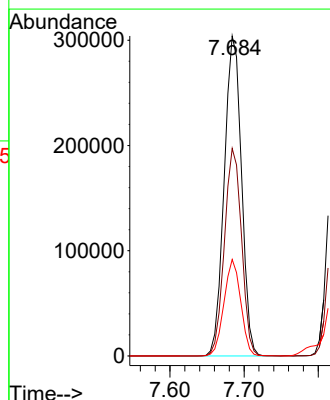
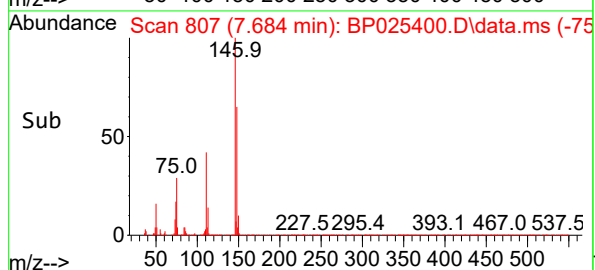
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

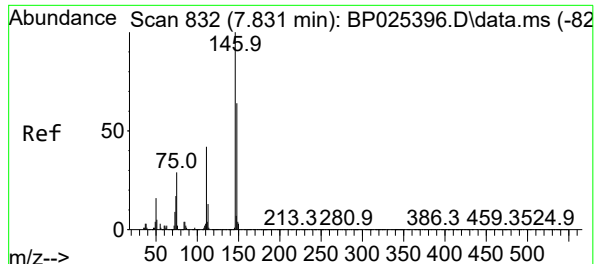


#12
1,3-Dichlorobenzene
Concen: 37.738 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05



Tgt Ion:146 Resp: 492014
Ion Ratio Lower Upper
146 100
148 64.8 51.9 77.9
75 30.1 23.7 35.5





#13

1,4-Dichlorobenzene

Concen: 37.890 ng

RT: 7.825 min Scan# 831

Delta R.T. -0.006 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

Instrument :

BNA_P

ClientSampleId :

ICVBP081425

Tgt Ion:146 Resp: 504919

Ion Ratio Lower Upper

146 100

148 62.3 51.6 77.4

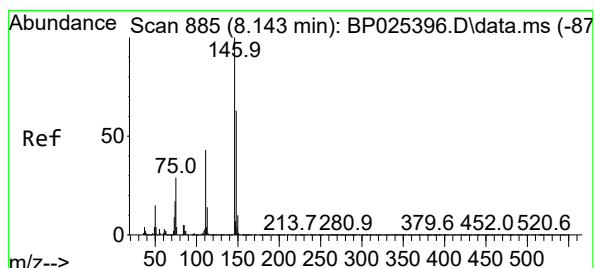
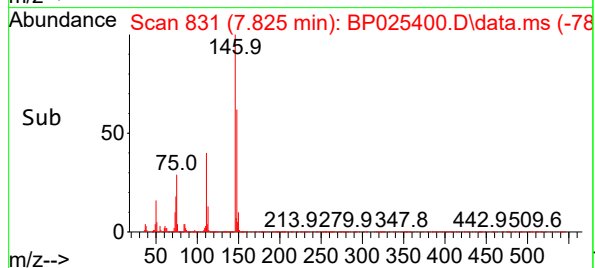
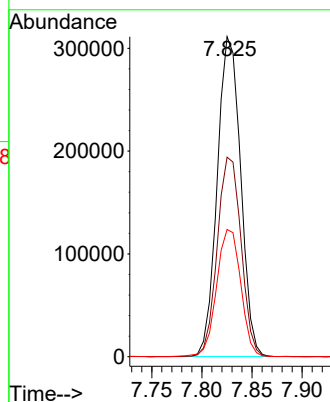
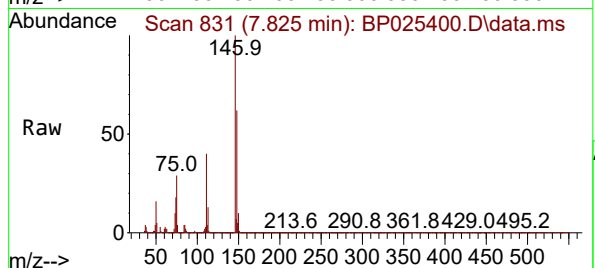
111 39.8 33.4 50.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#14

1,2-Dichlorobenzene

Concen: 37.818 ng

RT: 8.143 min Scan# 885

Delta R.T. 0.000 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

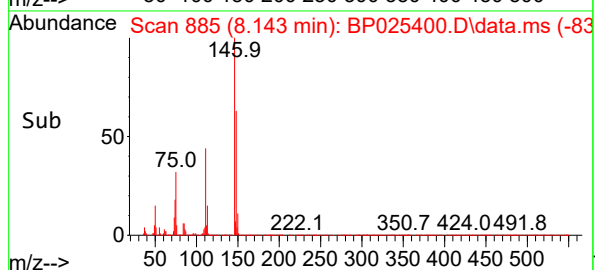
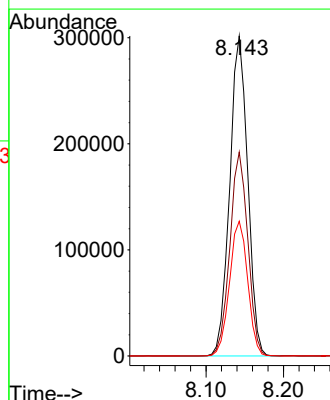
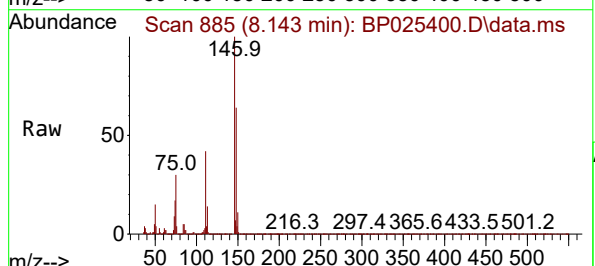
Tgt Ion:146 Resp: 487845

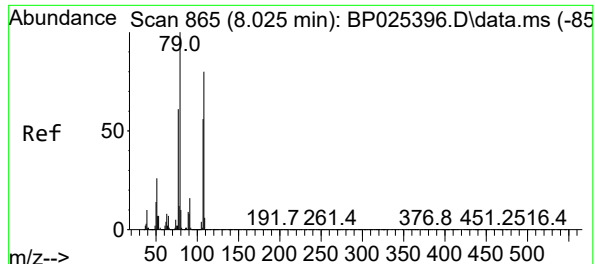
Ion Ratio Lower Upper

146 100

148 63.7 50.4 75.6

111 42.1 34.5 51.7





#15

Benzyl Alcohol

Concen: 39.025 ng

RT: 8.025 min Scan# 80

Delta R.T. 0.000 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

Instrument :

BNA_P

ClientSampleId :

ICVBP081425

Tgt Ion: 79 Resp: 416544

Ion Ratio Lower Upper

79 100

108 78.5 63.8 95.6

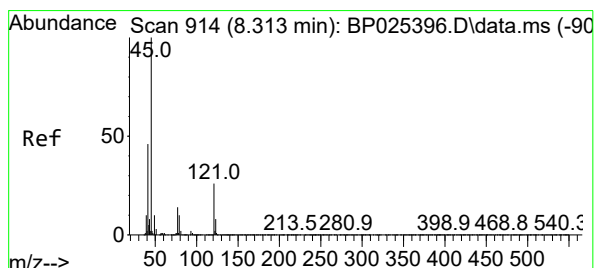
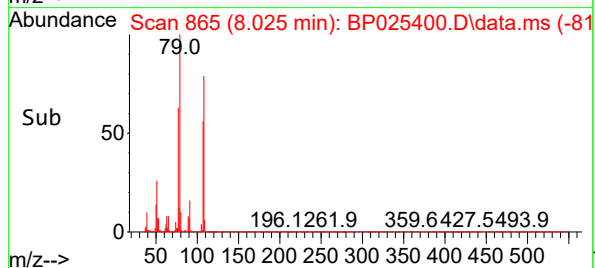
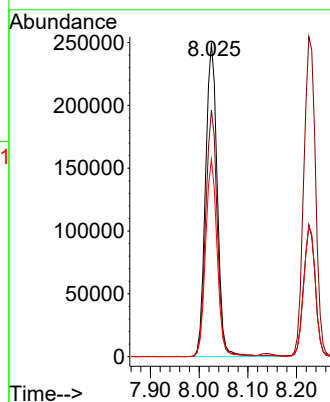
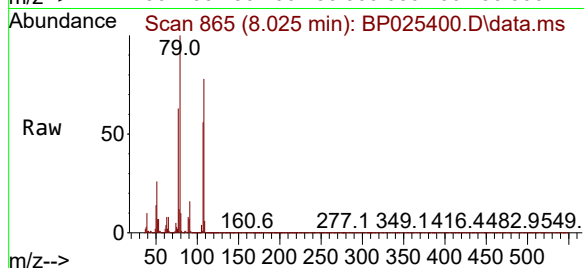
77 62.8 49.0 73.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.271 ng

RT: 8.319 min Scan# 915

Delta R.T. 0.006 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

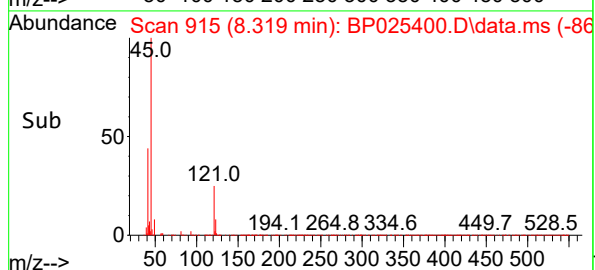
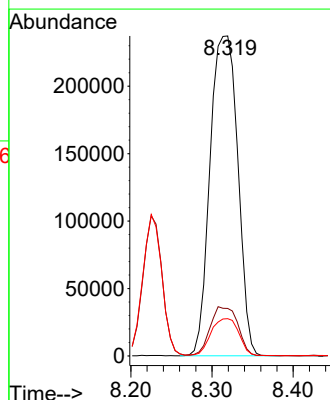
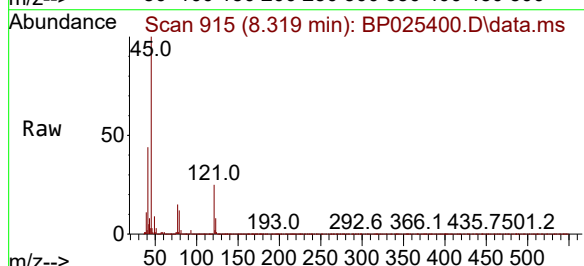
Tgt Ion: 45 Resp: 563276

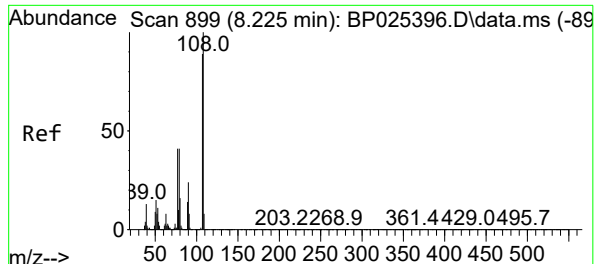
Ion Ratio Lower Upper

45 100

77 14.8 0.0 35.3

79 11.7 0.0 31.8





#17

2-Methylphenol

Concen: 38.877 ng

RT: 8.225 min Scan# 899

Delta R.T. 0.000 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

Instrument :

BNA_P

ClientSampleId :

ICVBP081425

Tgt Ion:107 Resp: 380608

Ion Ratio Lower Upper

107 100

108 111.0 89.4 134.0

77 45.3 36.3 54.5

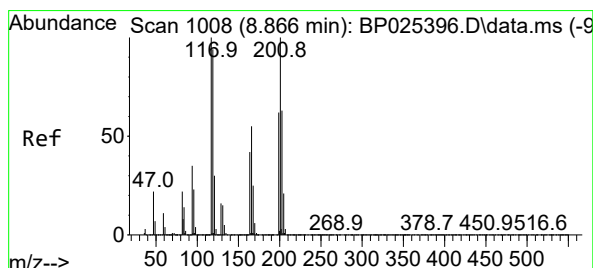
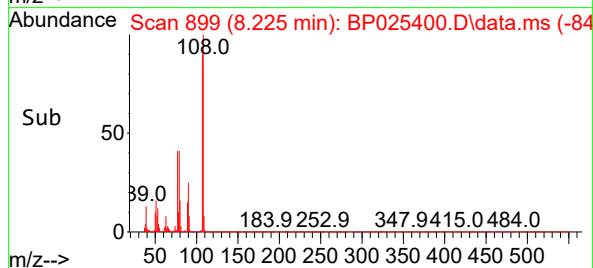
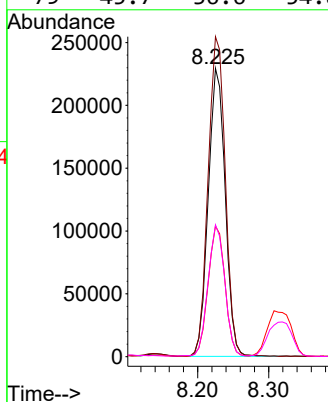
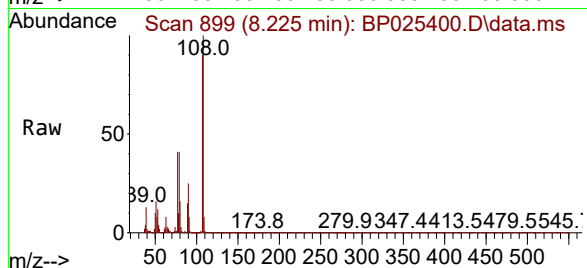
79 45.7 36.6 54.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#18

Hexachloroethane

Concen: 38.103 ng

RT: 8.866 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

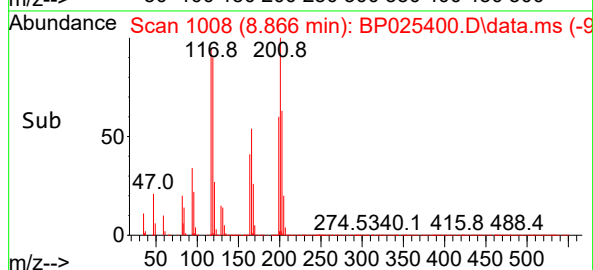
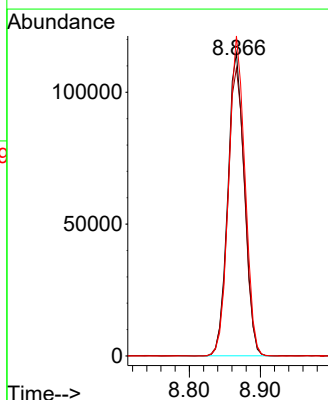
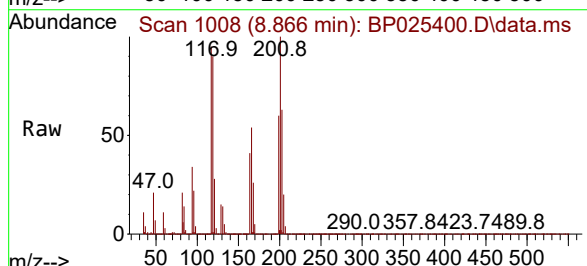
Tgt Ion:117 Resp: 186691

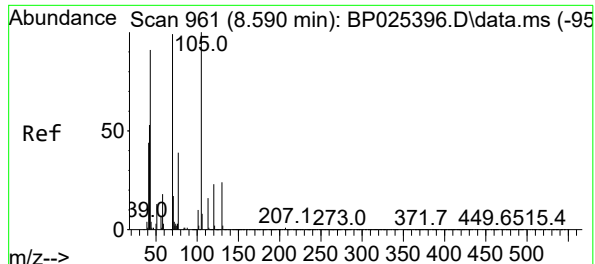
Ion Ratio Lower Upper

117 100

119 95.0 75.1 112.7

201 105.6 80.1 120.1





#19

n-Nitroso-di-n-propylamine

Concen: 38.270 ng

RT: 8.590 min Scan# 961

Delta R.T. 0.000 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

Instrument :

BNA_P

ClientSampleId :

ICVBP081425

Tgt Ion: 70 Resp: 34053

Ion Ratio Lower Upper

70 100

42 55.7 43.8 65.6

101 10.7 8.5 12.7

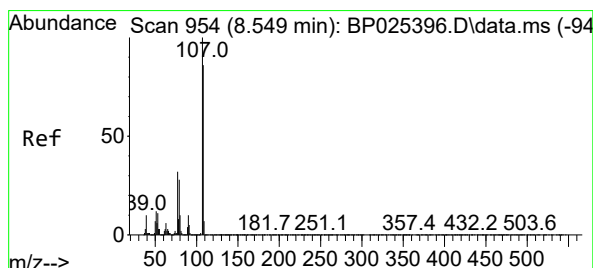
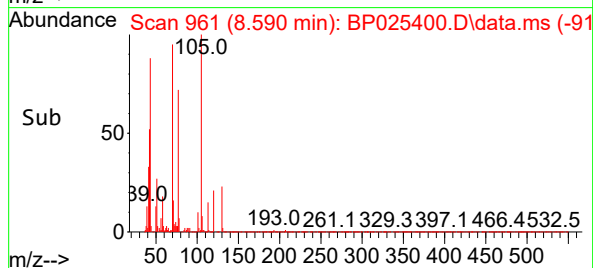
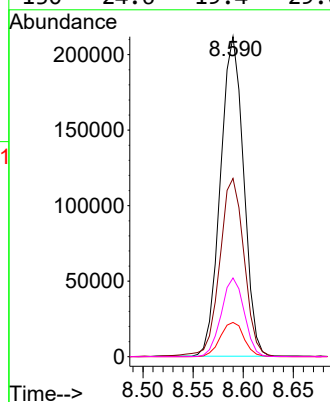
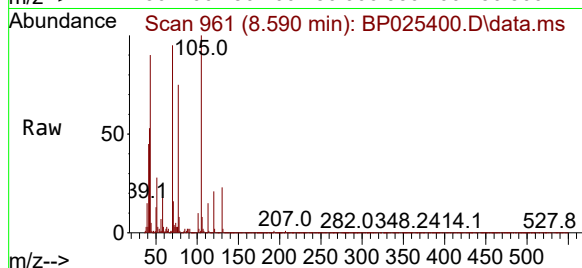
130 24.6 19.4 29.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#20

3+4-Methylphenols

Concen: 38.620 ng

RT: 8.549 min Scan# 954

Delta R.T. 0.000 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

Tgt Ion:107 Resp: 524095

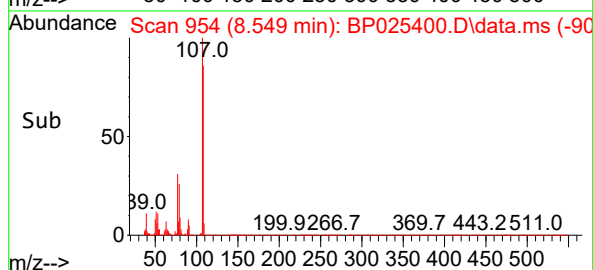
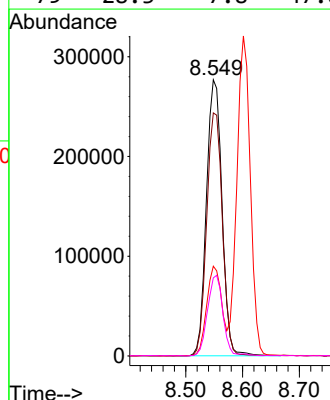
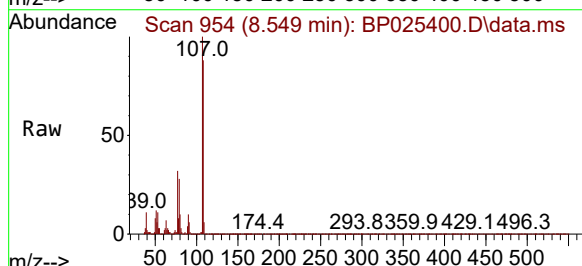
Ion Ratio Lower Upper

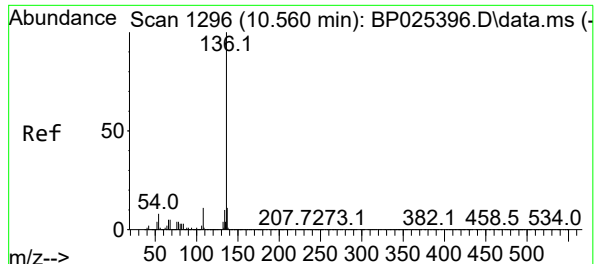
107 100

108 88.0 66.3 106.3

77 32.5 12.3 52.3

79 28.3 7.8 47.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.566 min Scan# 1296

Delta R.T. 0.006 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

Instrument :

BNA_P

ClientSampleId :

ICVBP081425

Tgt Ion:136 Resp: 750079

Ion Ratio Lower Upper

136 100

137 10.6 9.2 13.8

54 7.3 6.0 9.0

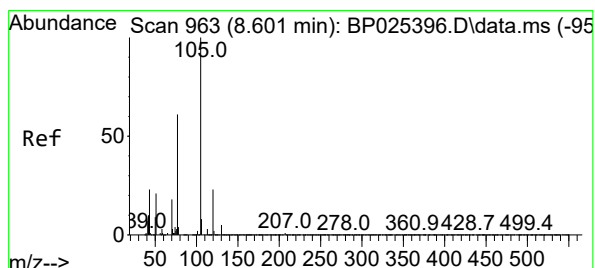
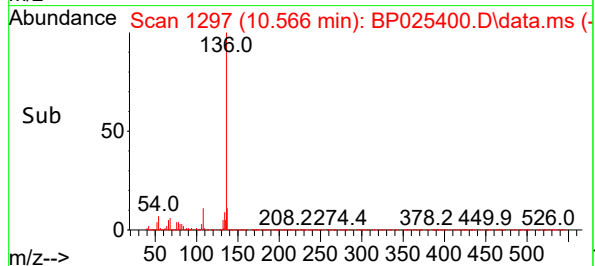
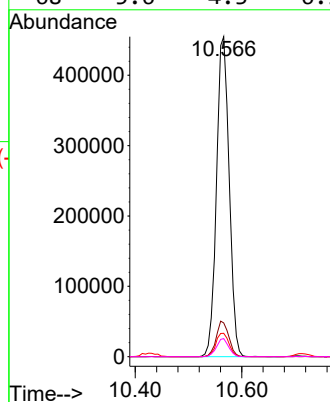
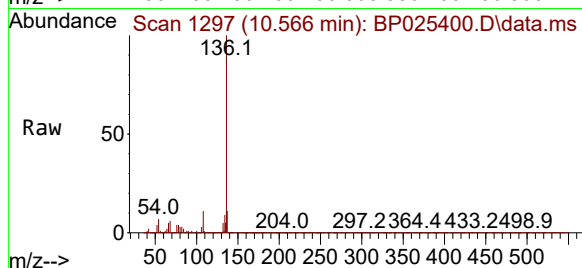
68 5.6 4.3 6.5

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#22

Acetophenone

Concen: 38.216 ng

RT: 8.602 min Scan# 963

Delta R.T. 0.000 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

Tgt Ion:105 Resp: 718869

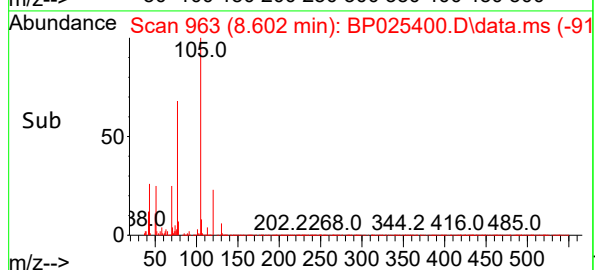
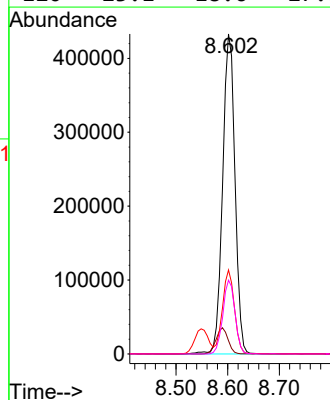
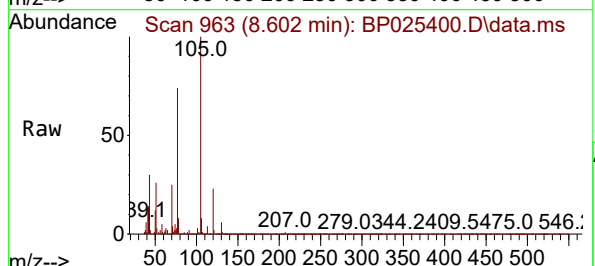
Ion Ratio Lower Upper

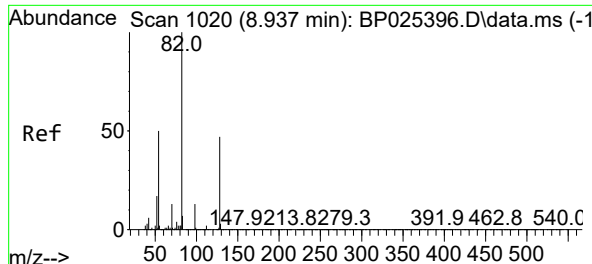
105 100

71 4.2 2.6 4.0#

51 26.2 20.6 30.8

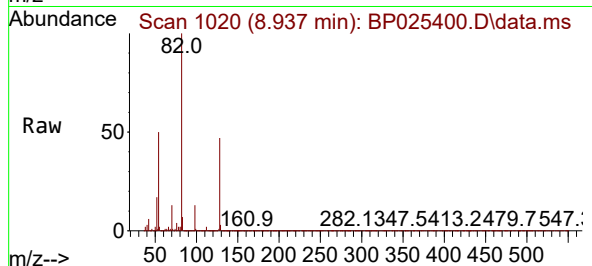
120 23.1 18.6 27.8





#23
Nitrobenzene-d5
Concen: 66.391 ng
RT: 8.937 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

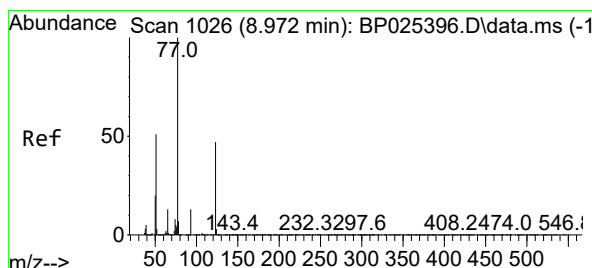
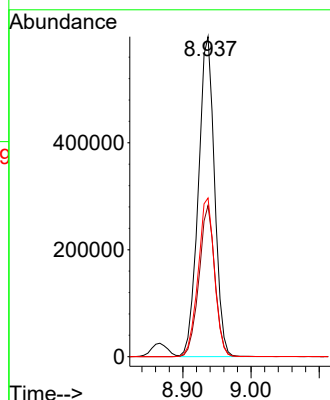
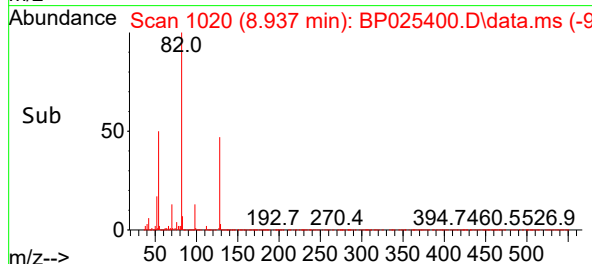
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



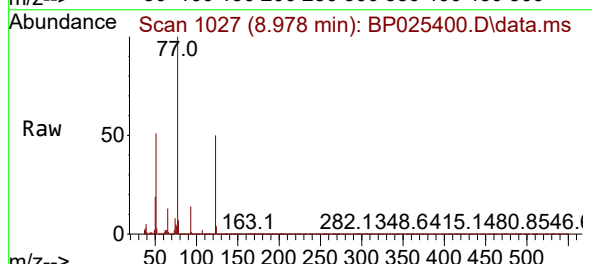
Tgt Ion: 82 Resp: 98444
Ion Ratio Lower Upper
82 100
128 47.3 37.7 56.5
54 49.6 39.8 59.6

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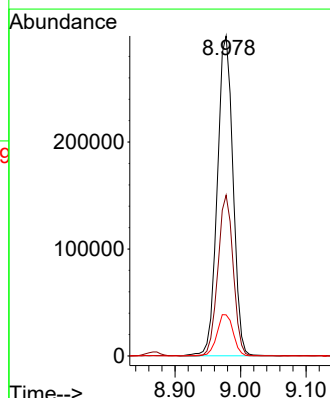
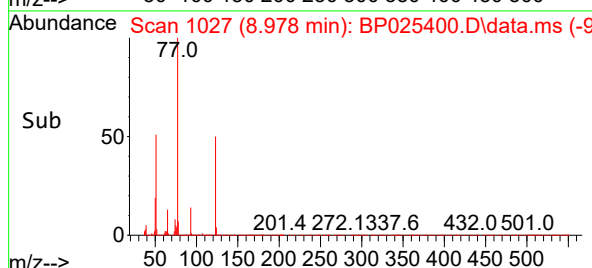
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

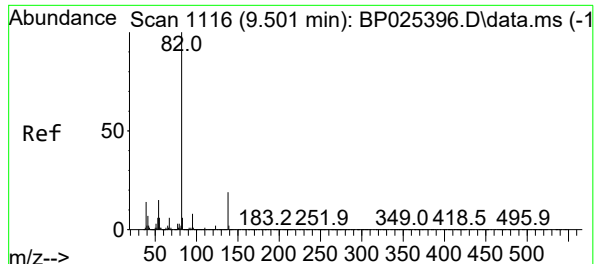


#24
Nitrobenzene
Concen: 37.313 ng
RT: 8.978 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05



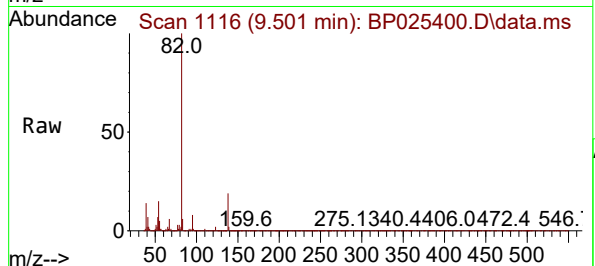
Tgt Ion: 77 Resp: 494466
Ion Ratio Lower Upper
77 100
123 50.3 38.6 58.0
65 12.9 10.6 15.8





#25
Isophorone
Concen: 37.855 ng
RT: 9.501 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

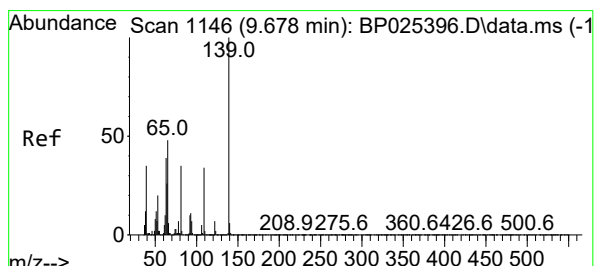
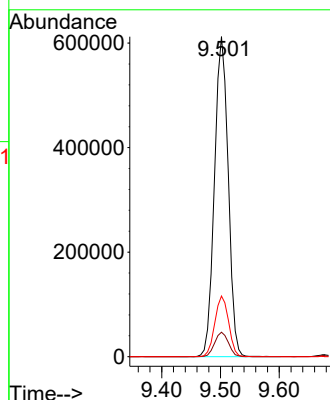
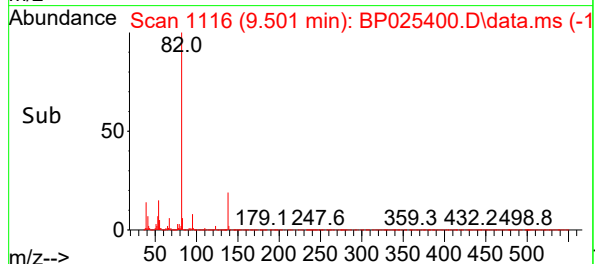
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



Tgt Ion: 82 Resp: 993378
Ion Ratio Lower Upper
82 100
95 7.7 6.4 9.6
138 18.9 15.4 23.0

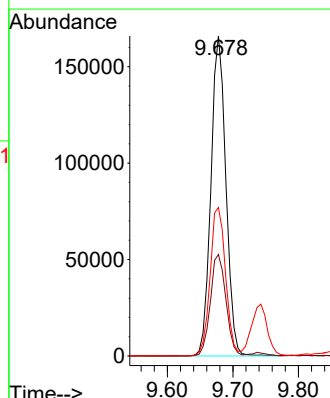
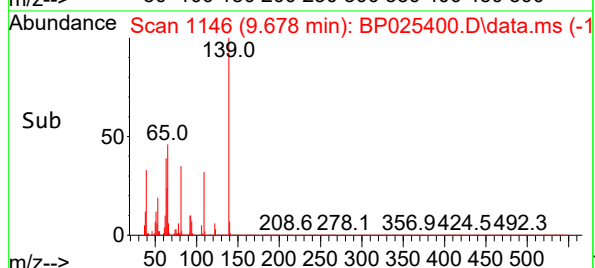
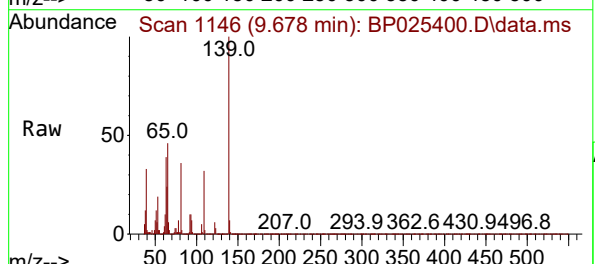
Manual Integrations
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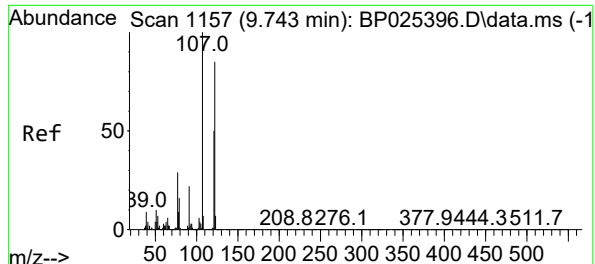
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#26
2-Nitrophenol
Concen: 38.722 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:139 Resp: 263348
Ion Ratio Lower Upper
139 100
109 31.7 26.9 40.3
65 46.4 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 38.910 ng

RT: 9.743 min Scan# 1157

Delta R.T. 0.000 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

Instrument :

BNA_P

ClientSampleId :

ICVBP081425

Tgt Ion:122 Resp: 455078

Ion Ratio Lower Upper

122 100

107 115.6 93.7 140.5

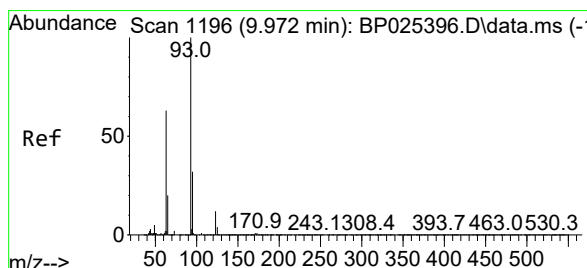
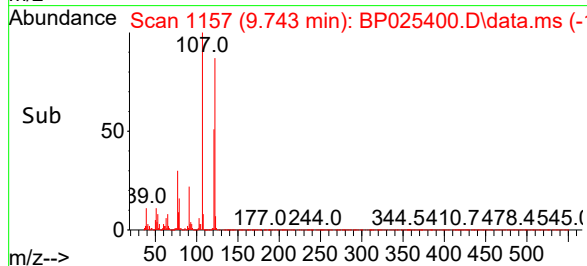
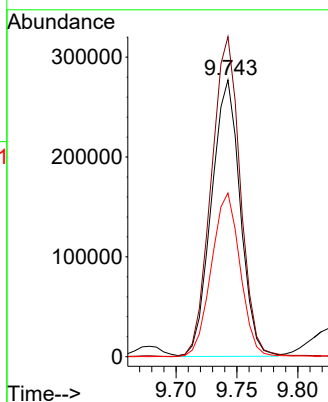
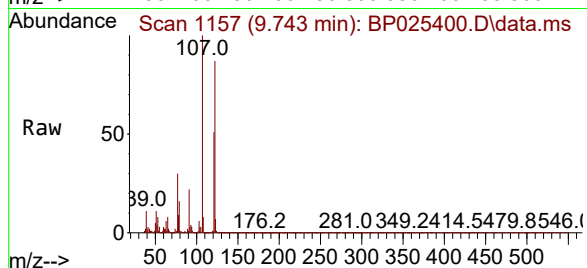
121 59.1 46.6 69.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#28

bis(2-Chloroethoxy)methane

Concen: 37.816 ng

RT: 9.972 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

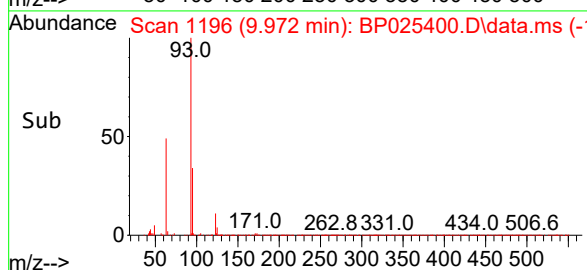
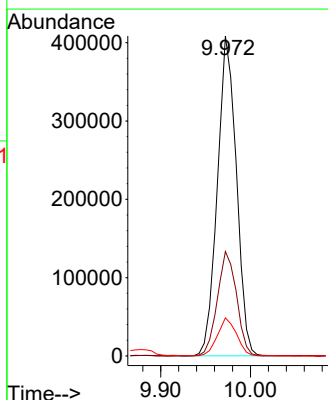
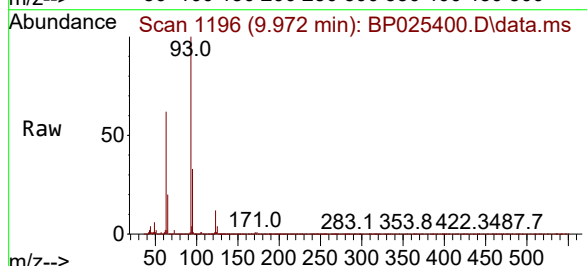
Tgt Ion: 93 Resp: 599862

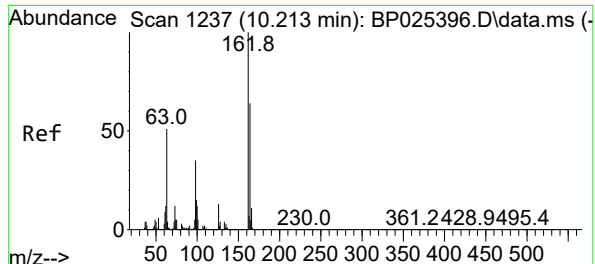
Ion Ratio Lower Upper

93 100

95 32.7 25.4 38.0

123 11.9 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 38.649 ng

RT: 10.213 min Scan# 1237

Delta R.T. 0.000 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

Instrument :

BNA_P

ClientSampleId :

ICVBP081425

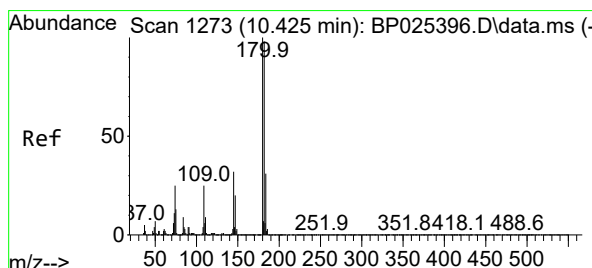
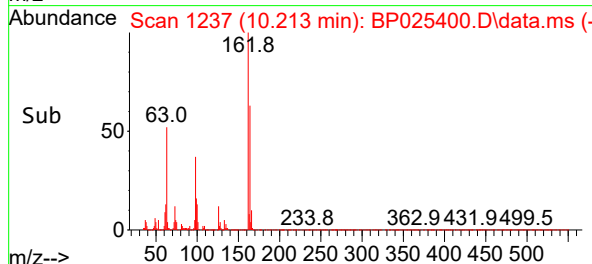
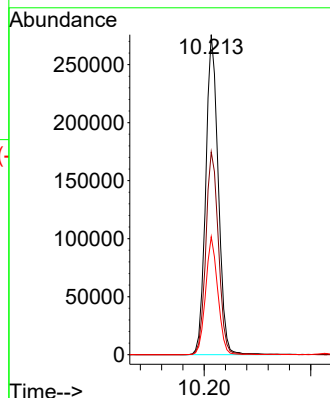
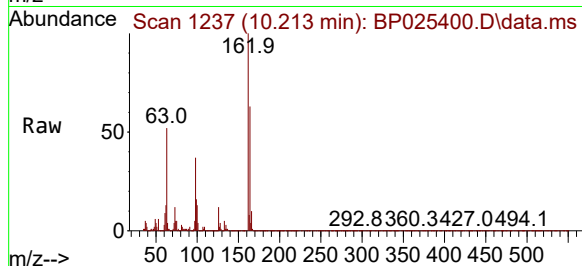
Tgt Ion:	162	Resp:	449034
Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.4	84.4
98	36.9	14.9	54.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#30

1,2,4-Trichlorobenzene

Concen: 37.231 ng

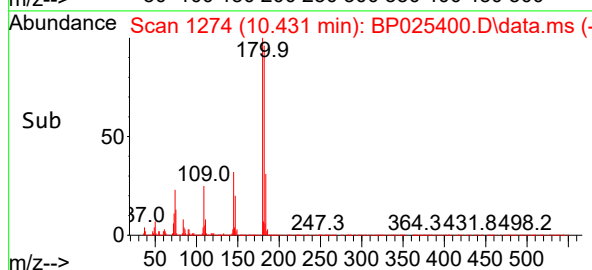
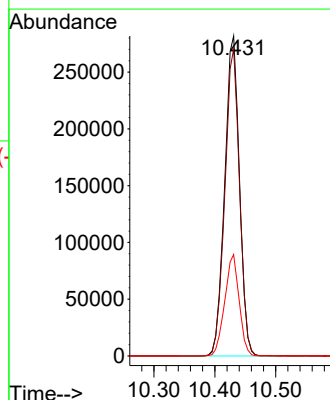
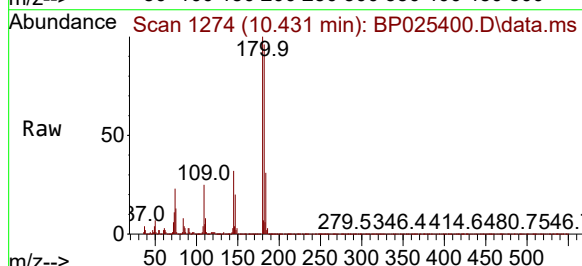
RT: 10.431 min Scan# 1274

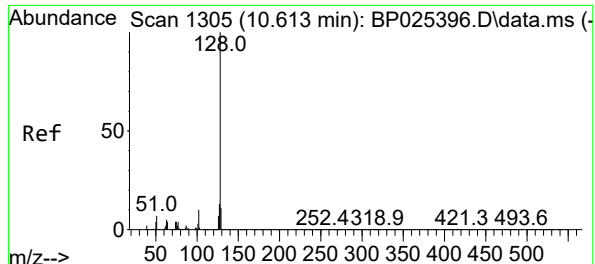
Delta R.T. 0.006 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

Tgt Ion:	180	Resp:	474183
Ion	Ratio	Lower	Upper
180	100		
182	95.9	78.0	117.0
145	31.7	25.9	38.9





#31

Naphthalene

Concen: 37.431 ng

RT: 10.613 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

Instrument :

BNA_P

ClientSampleId :

ICVBP081425

Tgt Ion:128 Resp: 1459279

Ion Ratio Lower Upper

128 100

129 10.9 8.6 13.0

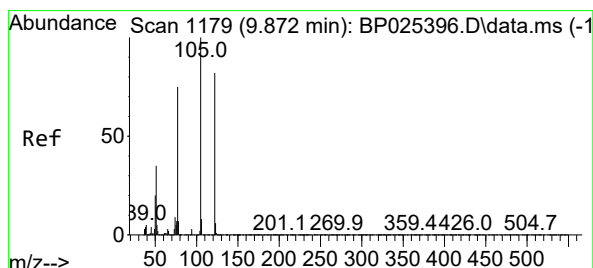
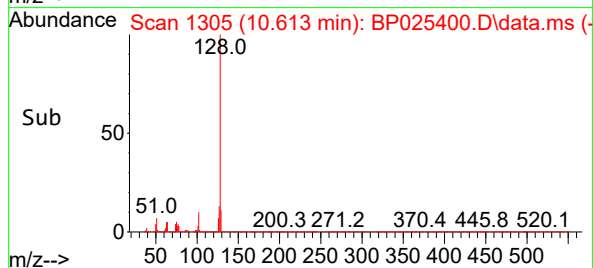
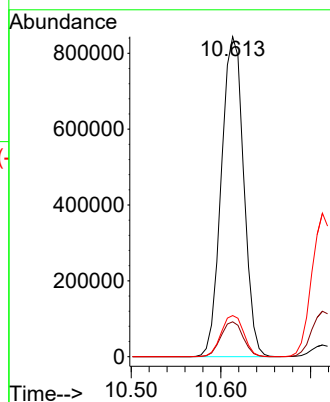
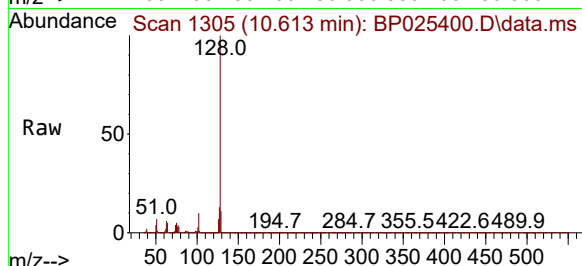
127 12.8 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#32

Benzoic acid

Concen: 38.242 ng

RT: 9.884 min Scan# 1181

Delta R.T. 0.012 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

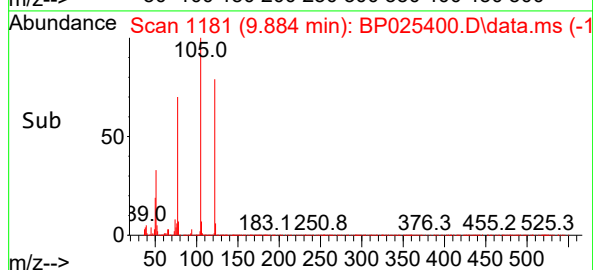
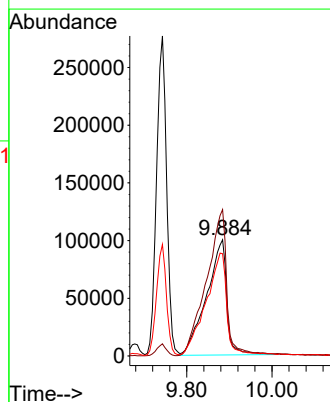
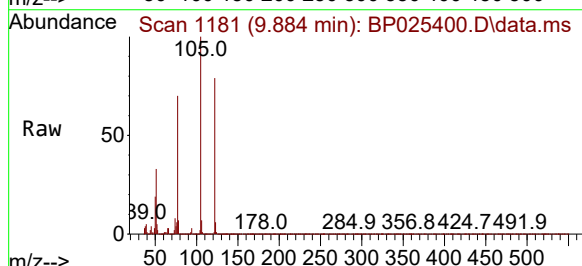
Tgt Ion:122 Resp: 330207

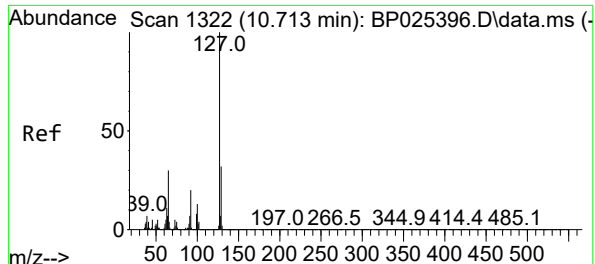
Ion Ratio Lower Upper

122 100

105 126.0 100.6 140.6

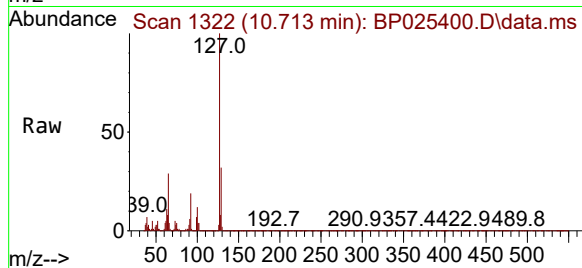
77 88.0 71.5 111.5





#33
4-Chloroaniline
Concen: 38.043 ng
RT: 10.713 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

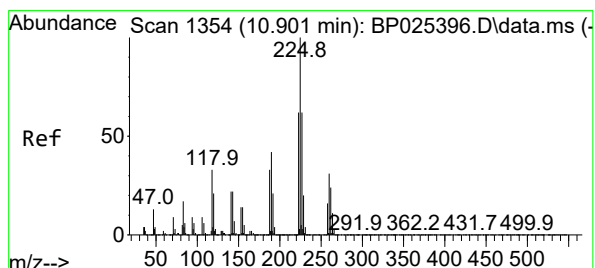
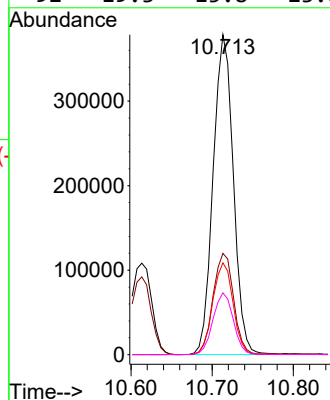
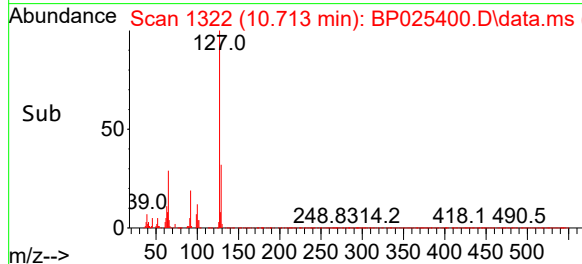
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



Tgt Ion:127 Resp: 65513
Ion Ratio Lower Upper
127 100
129 31.7 25.4 38.2
65 28.7 23.8 35.6
92 19.3 15.8 23.8

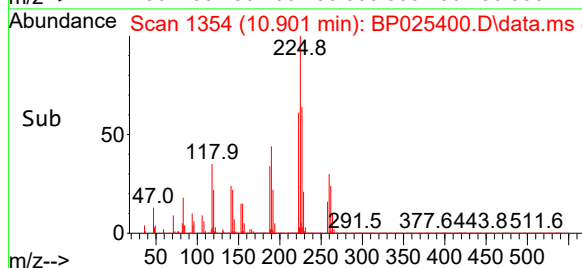
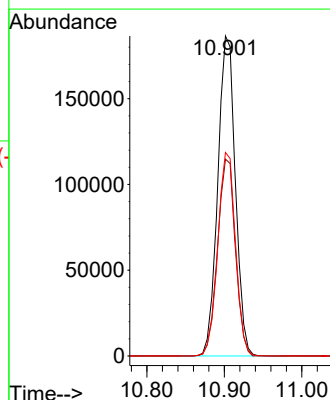
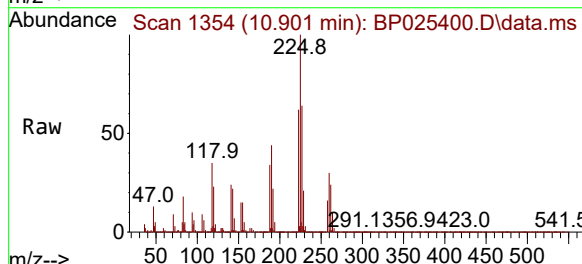
Manual Integrations
APPROVED

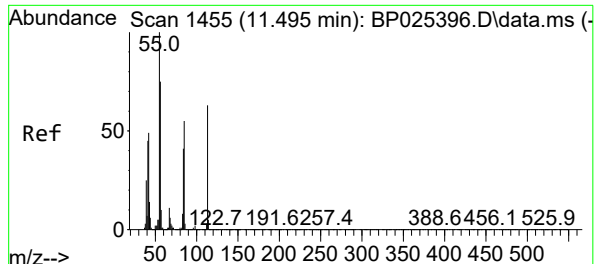
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#34
Hexachlorobutadiene
Concen: 37.031 ng
RT: 10.901 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

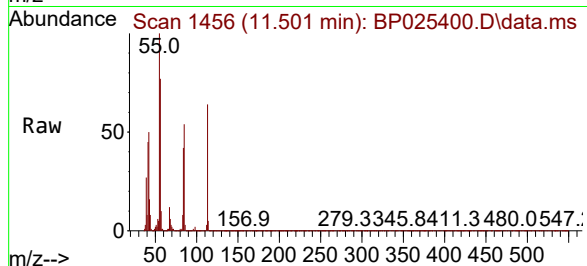
Tgt Ion:225 Resp: 293728
Ion Ratio Lower Upper
225 100
223 61.5 50.0 75.0
227 63.6 49.7 74.5





#35
Caprolactam
Concen: 38.310 ng
RT: 11.501 min Scan# 1455
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

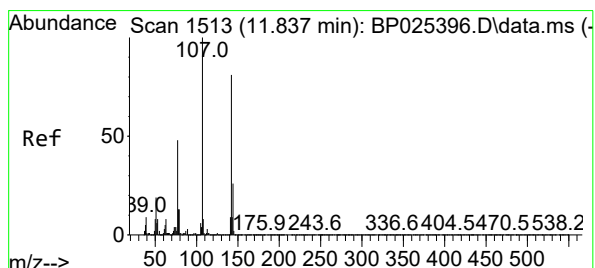
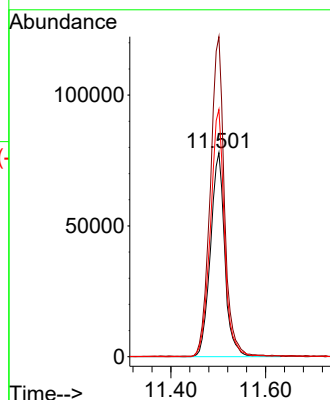
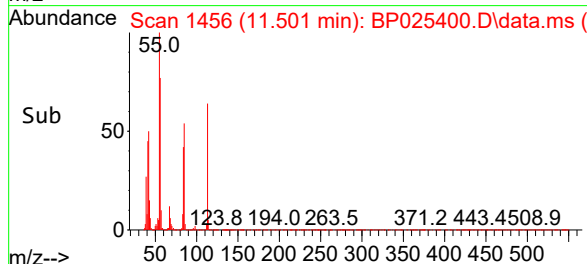
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



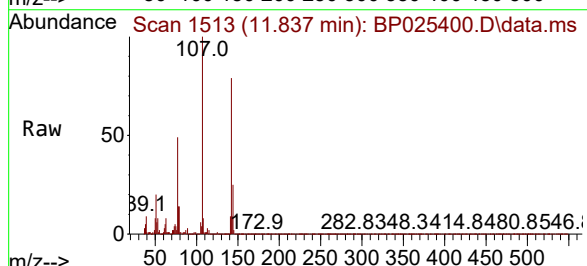
Tgt Ion:113 Resp: 16321
Ion Ratio Lower Upper
113 100
55 156.9 140.0 180.0
56 121.2 100.0 140.0

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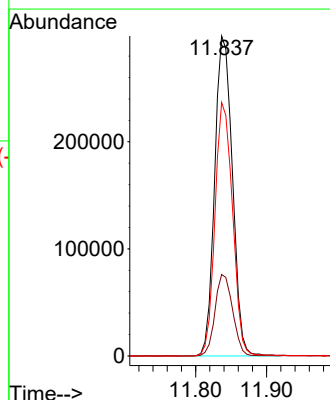
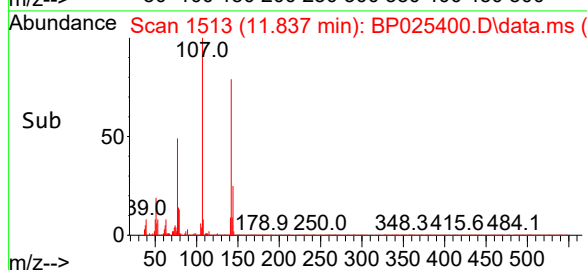
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

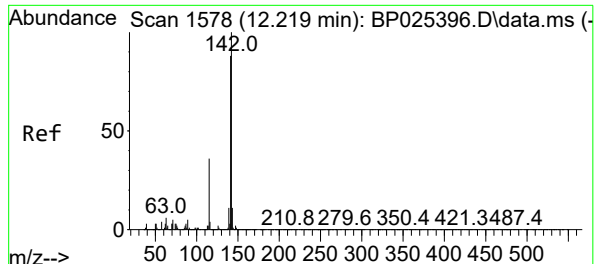


#36
4-Chloro-3-methylphenol
Concen: 38.789 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05



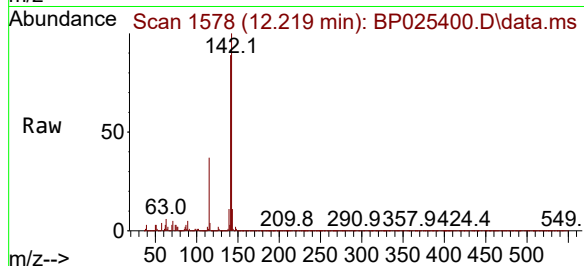
Tgt Ion:107 Resp: 517126
Ion Ratio Lower Upper
107 100
144 25.4 21.0 31.4
142 79.2 64.6 97.0





#37
2-Methylnaphthalene
Concen: 37.845 ng
RT: 12.219 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

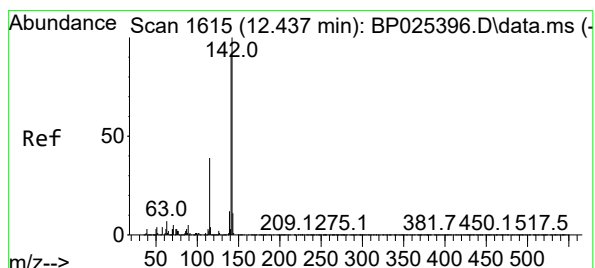
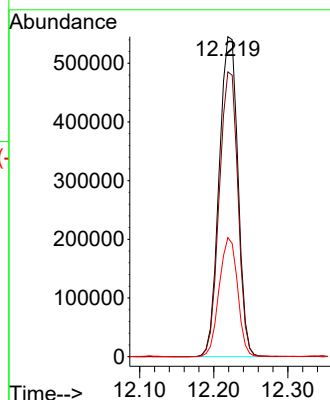
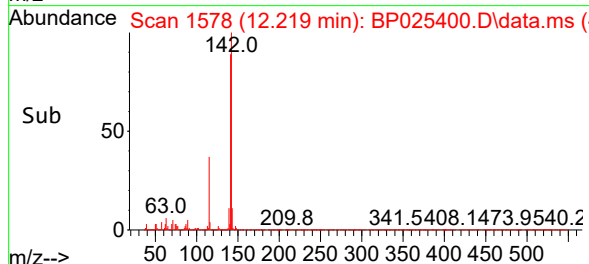
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



Tgt Ion:142 Resp: 960140
Ion Ratio Lower Upper
142 100
141 89.0 70.3 105.5
115 37.2 28.9 43.3

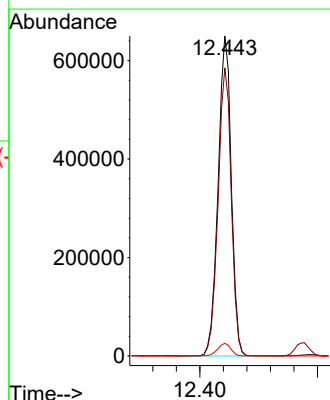
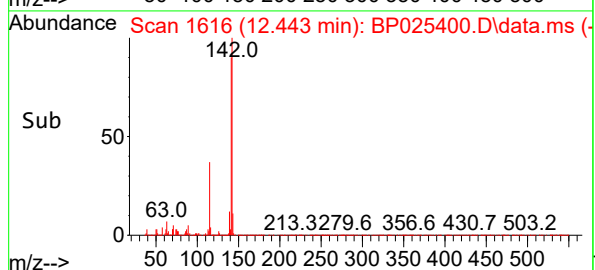
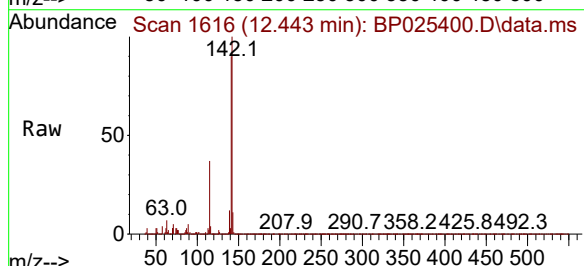
Manual Integrations
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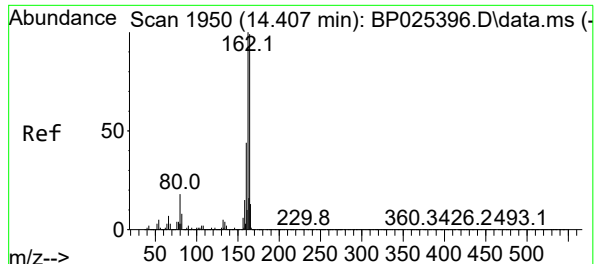
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#38
1-Methylnaphthalene
Concen: 37.539 ng
RT: 12.443 min Scan# 1616
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:142 Resp: 1012844
Ion Ratio Lower Upper
142 100
141 90.0 73.1 109.7
116 3.9 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.407 min Scan# 1950

Delta R.T. 0.000 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

Instrument :

BNA_P

ClientSampleId :

ICVBP081425

Tgt Ion:164 Resp: 503239

Ion Ratio Lower Upper

164 100

162 99.1 81.0 121.6

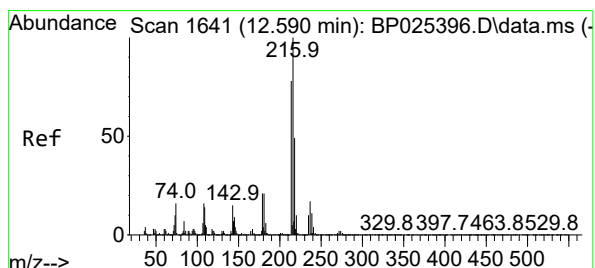
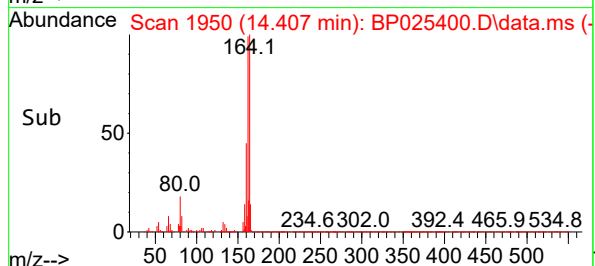
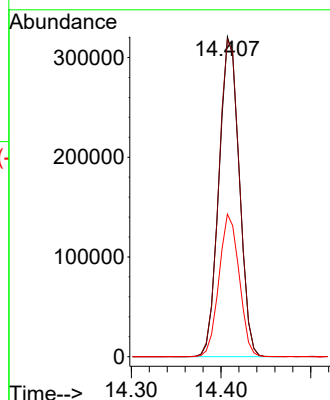
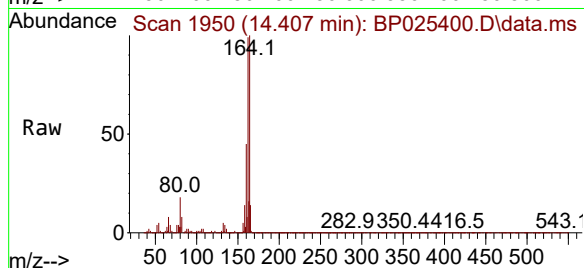
160 44.5 35.4 53.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.895 ng

RT: 12.590 min Scan# 1641

Delta R.T. 0.000 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

Tgt Ion:216 Resp: 550777

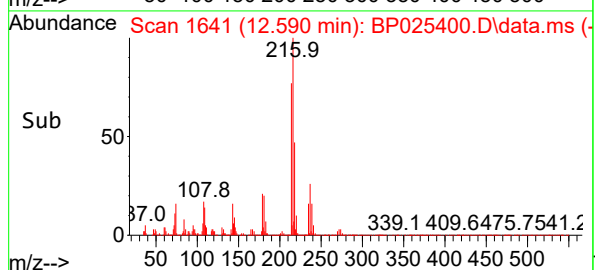
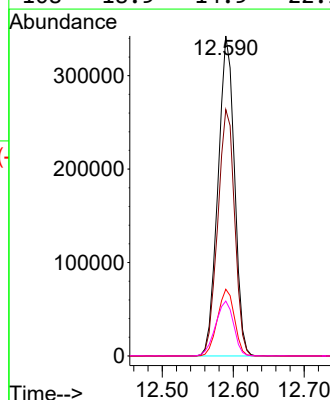
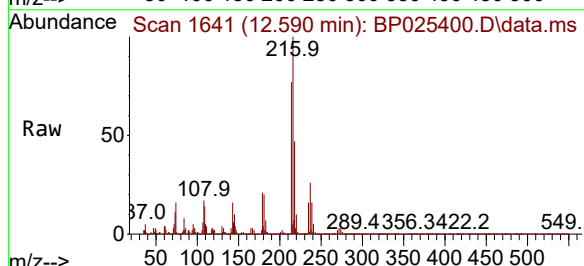
Ion Ratio Lower Upper

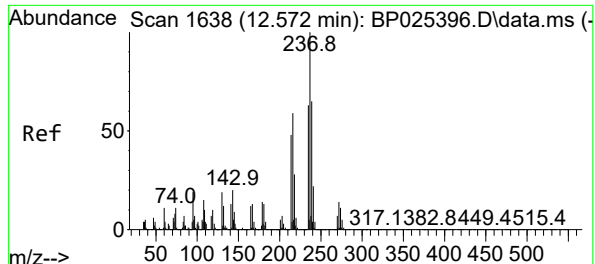
216 100

214 78.8 63.0 94.4

179 21.4 17.1 25.7

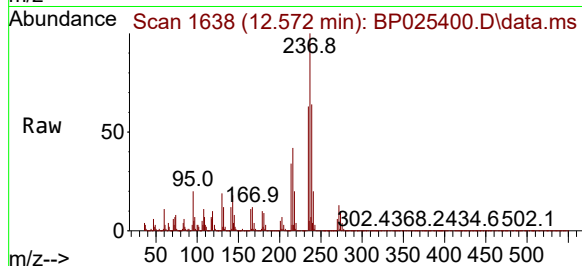
108 18.9 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 40.074 ng
RT: 12.572 min Scan# 10
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

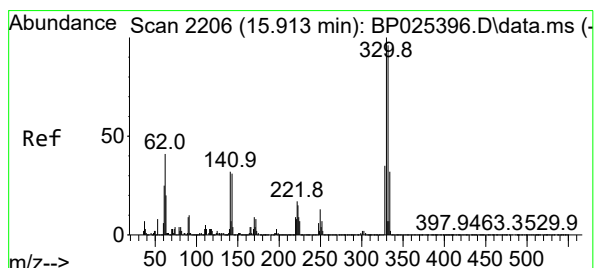
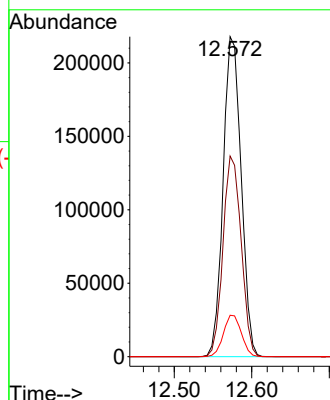
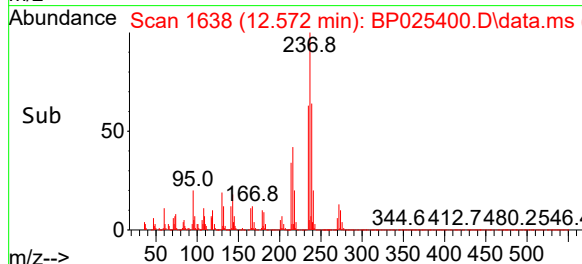
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



Tgt Ion: 237 Resp: 351819
Ion Ratio Lower Upper
237 100
235 62.7 42.7 82.7
272 13.0 0.0 34.0

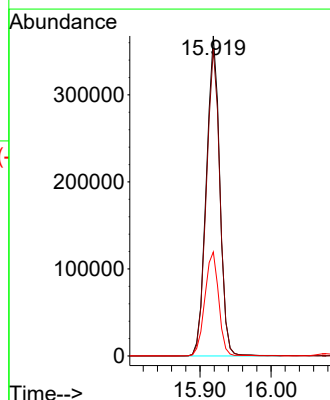
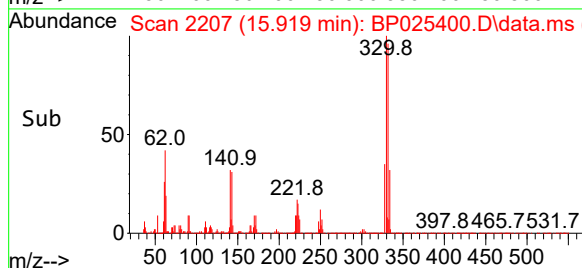
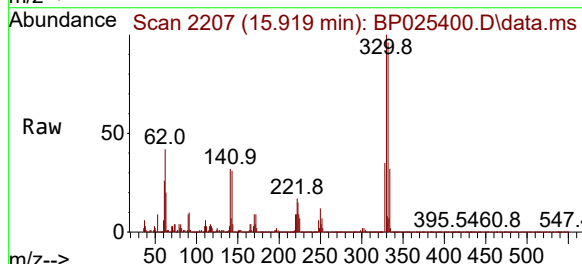
Manual Integrations
APPROVED

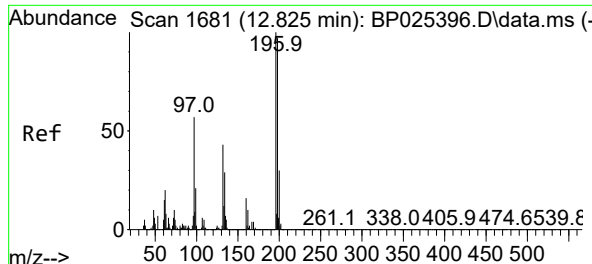
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#42
2,4,6-Tribromophenol
Concen: 71.582 ng
RT: 15.919 min Scan# 2207
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion: 330 Resp: 484870
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 33.4 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 38.972 ng

RT: 12.831 min Scan# 1682

Delta R.T. 0.006 min

Lab File: BP025400.D

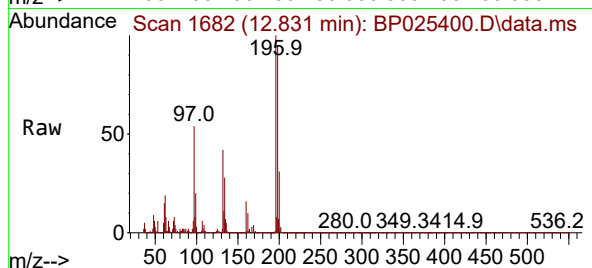
Acq: 14 Aug 2025 18:05

Instrument :

BNA_P

ClientSampleId :

ICVBP081425



Tgt Ion:196 Resp: 38239

Ion Ratio Lower Upper

196 100

198 94.8 77.2 115.8

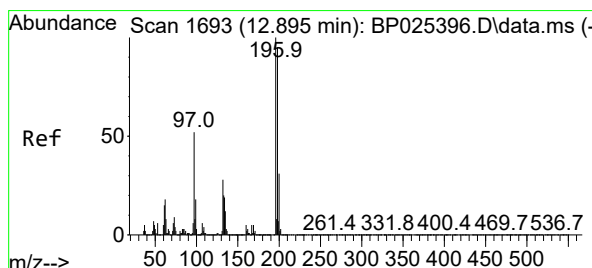
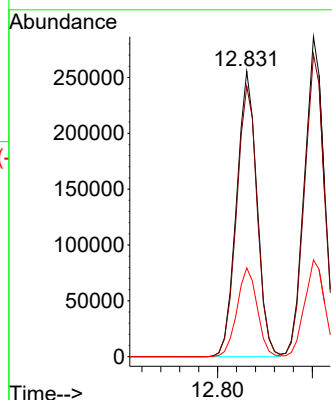
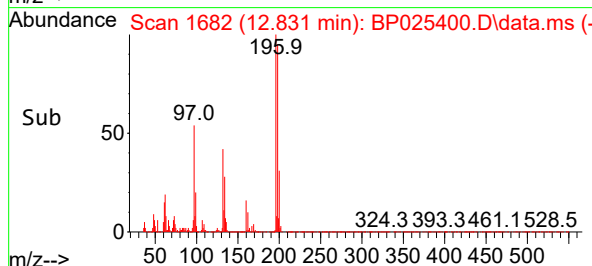
200 31.1 23.9 35.9

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#44

2,4,5-Trichlorophenol

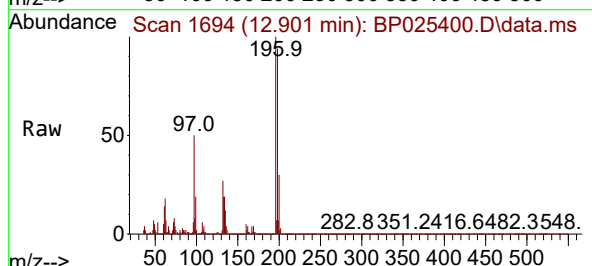
Concen: 39.108 ng

RT: 12.901 min Scan# 1694

Delta R.T. 0.006 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05



Tgt Ion:196 Resp: 420565

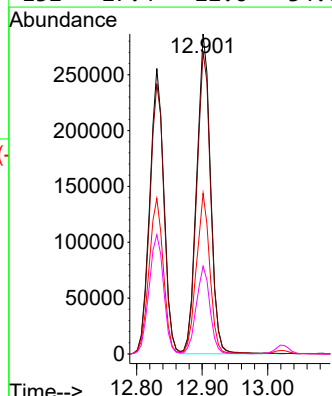
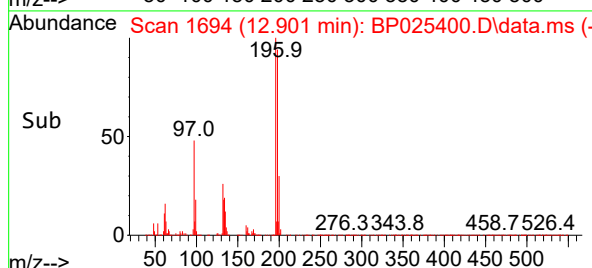
Ion Ratio Lower Upper

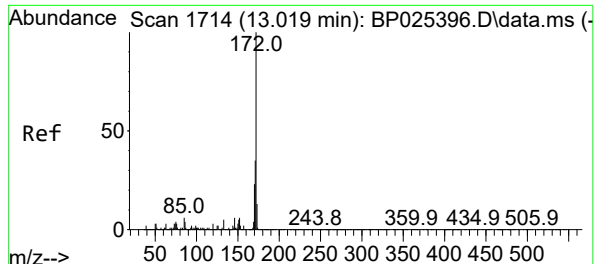
196 100

198 94.5 76.2 114.2

97 50.2 41.2 61.8

132 27.4 22.6 34.0





#45
2-Fluorobiphenyl
Concen: 66.016 ng
RT: 13.025 min Scan# 1714
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Instrument :

BNA_P

ClientSampleId :

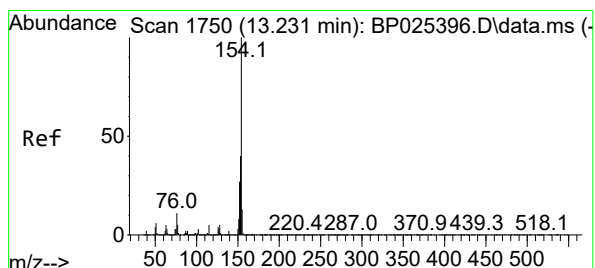
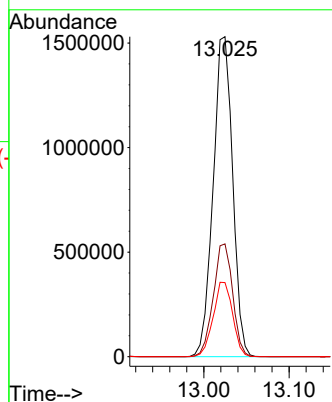
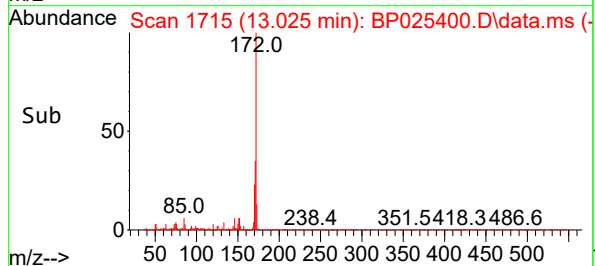
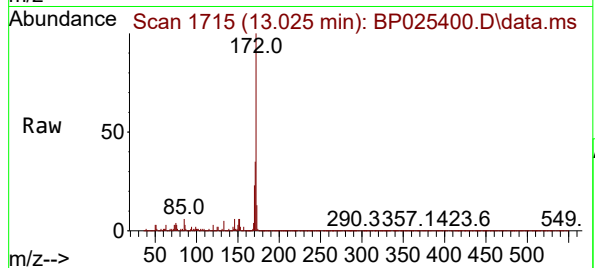
ICVBP081425

Tgt Ion:172 Resp: 2430828
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 23.1 18.6 28.0

Manual Integrations

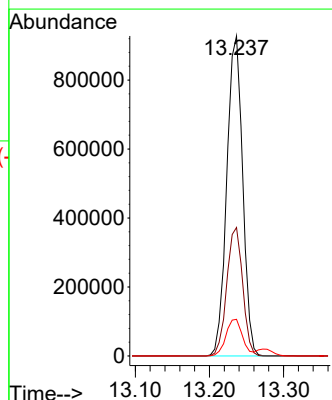
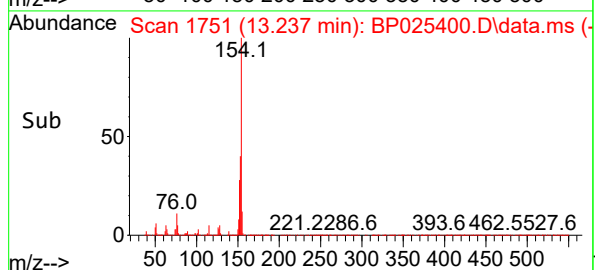
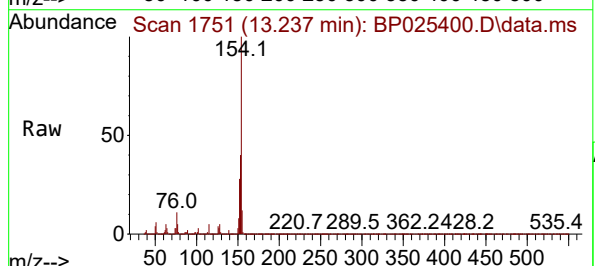
APPROVED

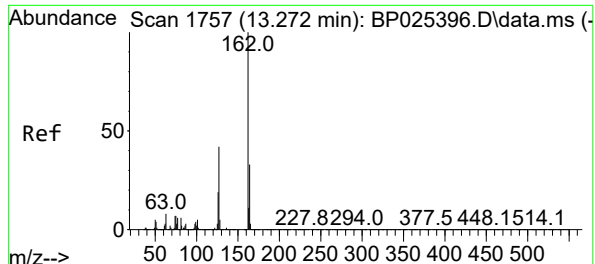
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#46
1,1'-Biphenyl
Concen: 37.672 ng
RT: 13.237 min Scan# 1751
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

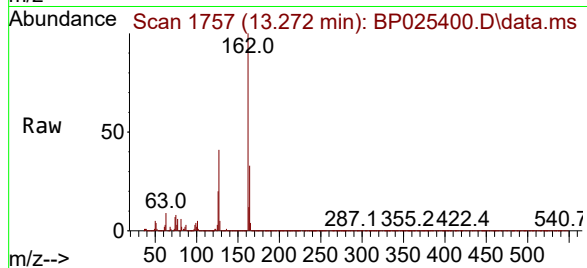
Tgt Ion:154 Resp: 1376834
Ion Ratio Lower Upper
154 100
153 40.2 19.5 59.5
76 11.4 0.0 31.1





#47
2-Chloronaphthalene
Concen: 37.682 ng
RT: 13.272 min Scan# 1757
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

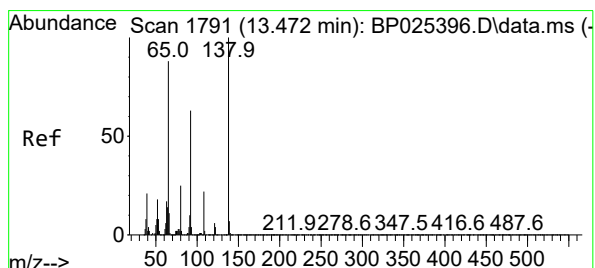
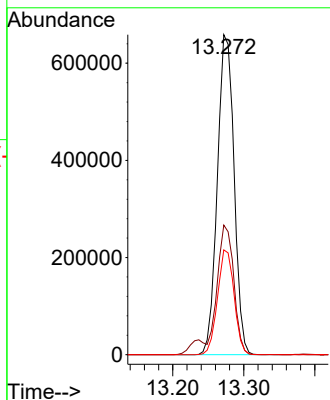
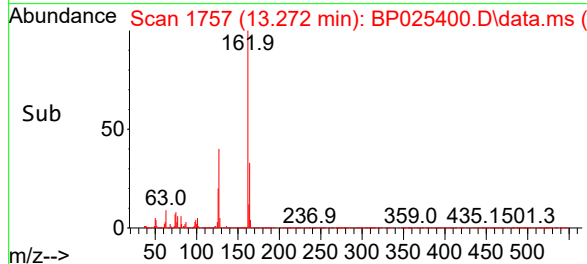
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



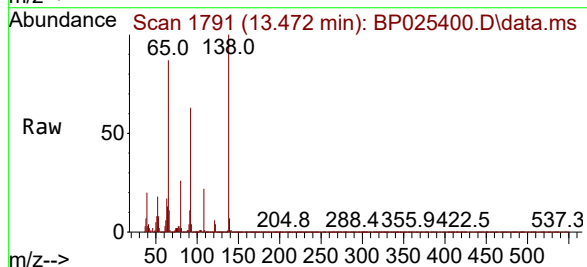
Tgt Ion: 162 Resp: 107214
Ion Ratio Lower Upper
162 100
127 40.5 33.4 50.2
164 32.8 26.2 39.2

Manual Integrations
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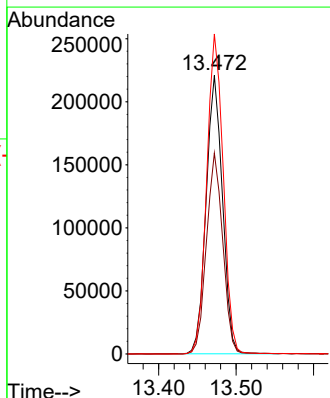
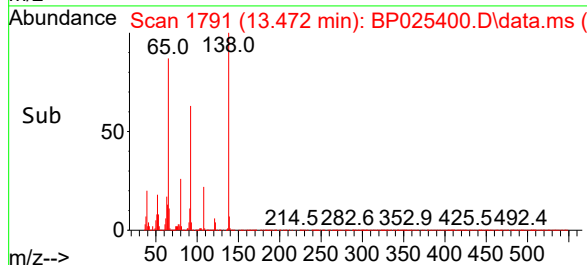
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

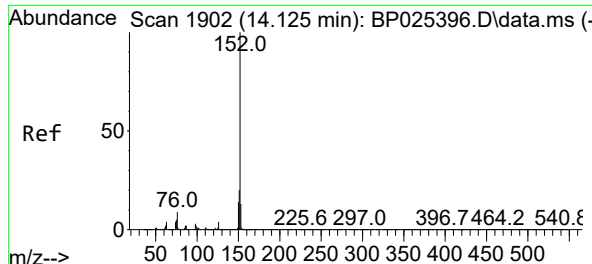


#48
2-Nitroaniline
Concen: 39.081 ng
RT: 13.472 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05



Tgt Ion: 65 Resp: 323995
Ion Ratio Lower Upper
65 100
92 72.2 57.6 86.4
138 114.9 91.0 136.6





#49

Acenaphthylene

Concen: 37.720 ng

RT: 14.125 min Scan# 1902

Delta R.T. 0.000 min

Lab File: BP025400.D

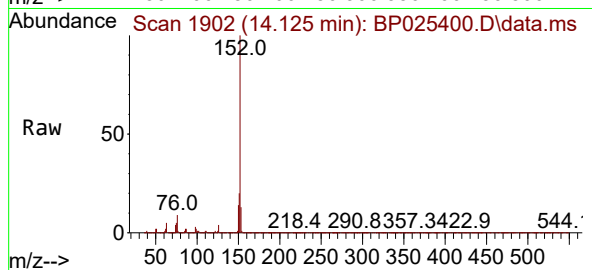
Acq: 14 Aug 2025 18:05

Instrument :

BNA_P

ClientSampleId :

ICVBP081425



Tgt Ion:152 Resp: 177589

Ion Ratio Lower Upper

152 100

151 19.8 16.0 24.0

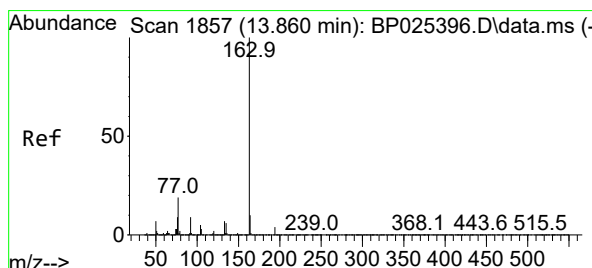
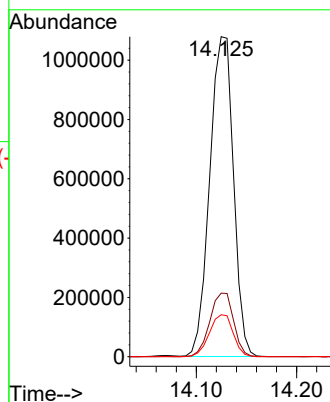
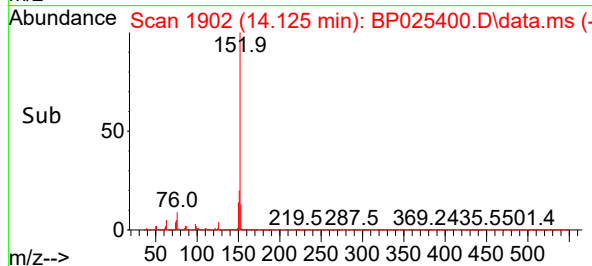
153 13.1 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#50

Dimethylphthalate

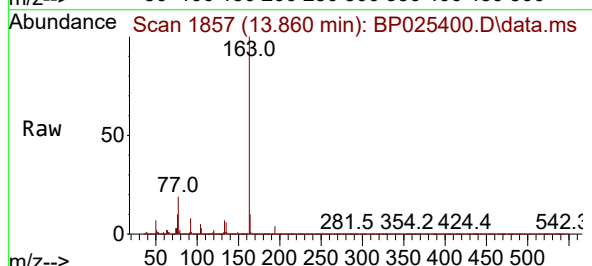
Concen: 38.170 ng

RT: 13.860 min Scan# 1857

Delta R.T. 0.000 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05



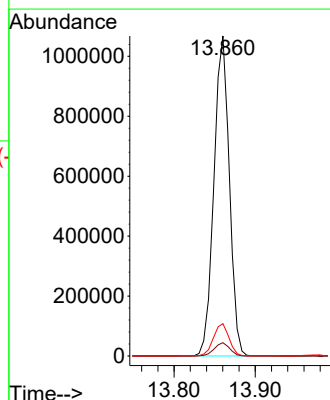
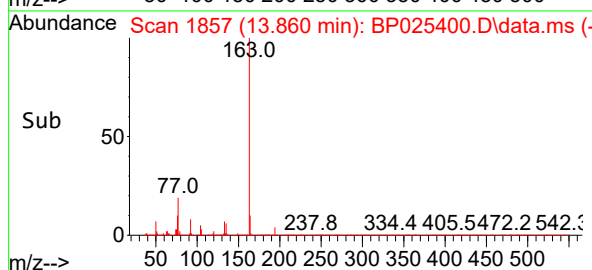
Tgt Ion:163 Resp: 1406620

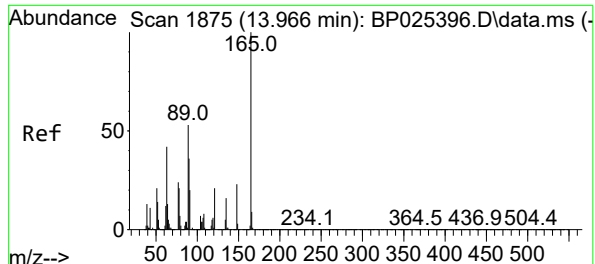
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

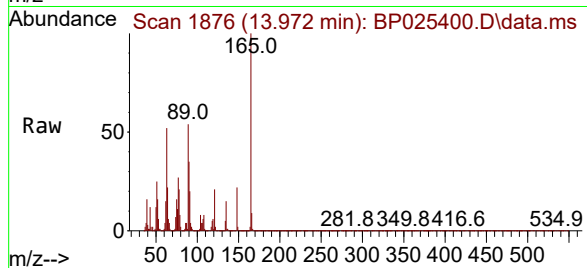
164 10.1 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 39.211 ng
RT: 13.972 min Scan# 1875
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

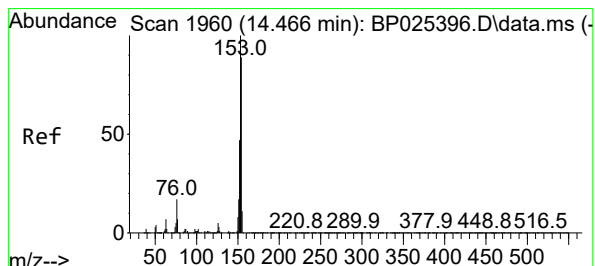
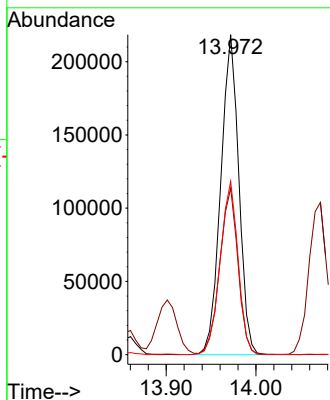
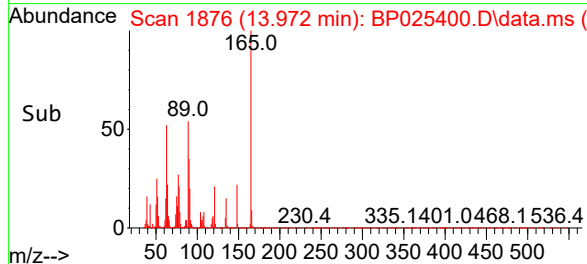
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



Tgt Ion:165 Resp: 304562
Ion Ratio Lower Upper
165 100
63 52.1 40.9 61.3
89 54.2 42.1 63.1

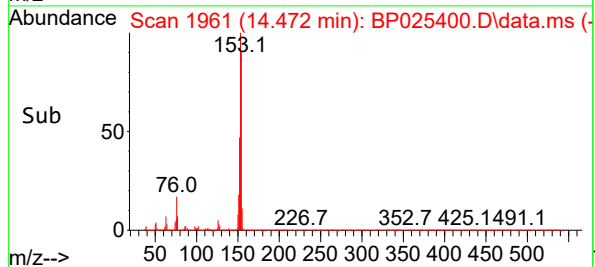
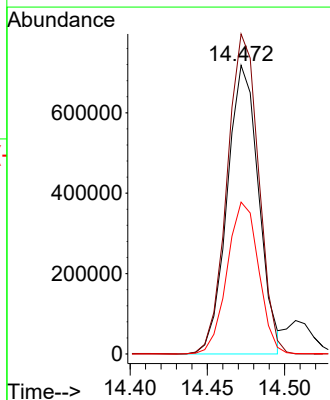
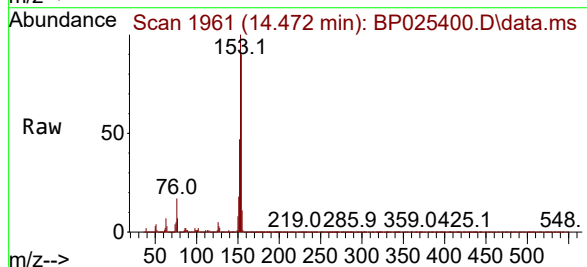
Manual Integrations
APPROVED

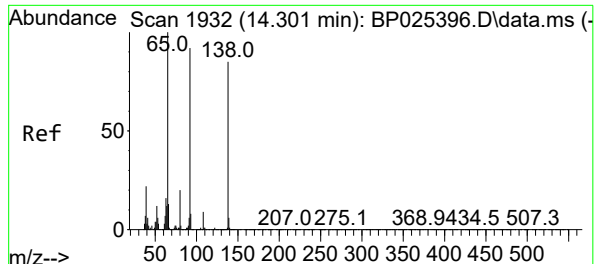
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#52
Acenaphthene
Concen: 36.837 ng m
RT: 14.472 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

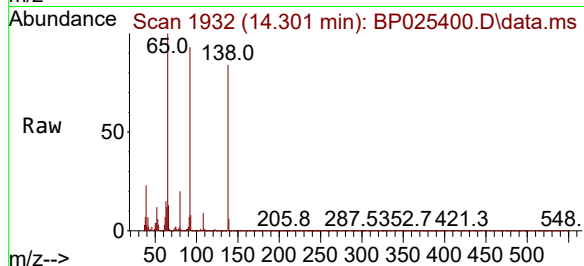
Tgt Ion:154 Resp: 1018011
Ion Ratio Lower Upper
154 100
153 110.9 90.2 135.2
152 52.6 42.1 63.1





#53
3-Nitroaniline
Concen: 40.027 ng
RT: 14.301 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

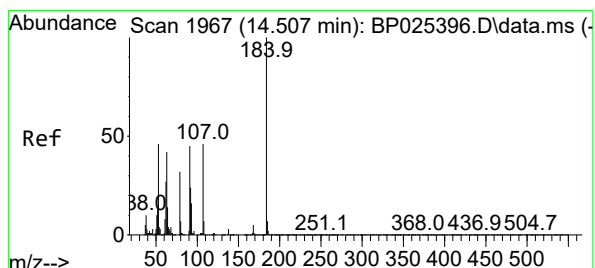
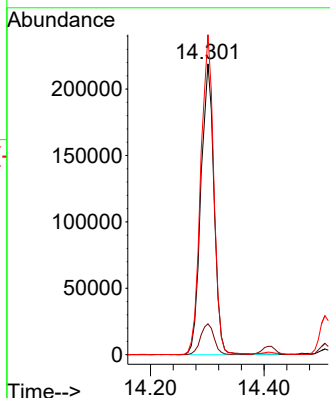
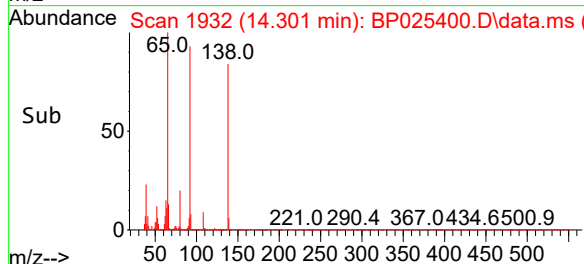
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



Tgt Ion:138 Resp: 34979
Ion Ratio Lower Upper
138 100
108 10.6 8.3 12.5
92 110.0 86.2 129.2

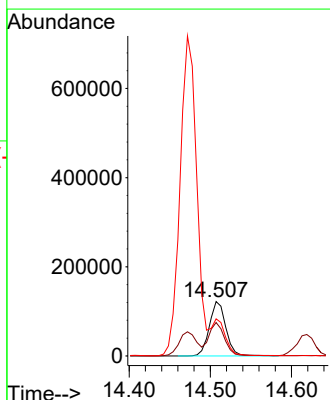
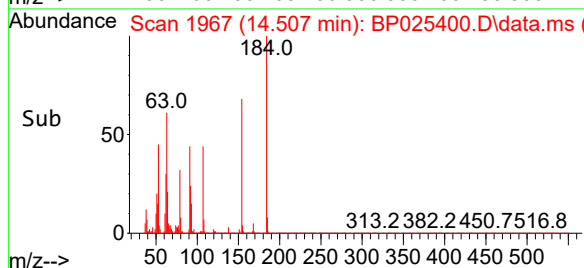
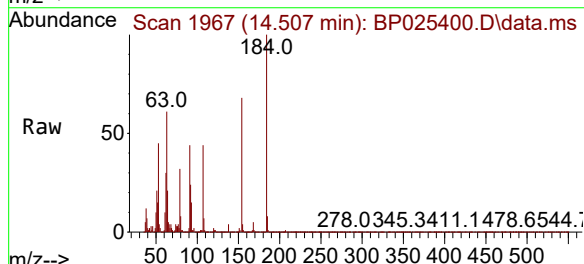
Manual Integrations
APPROVED

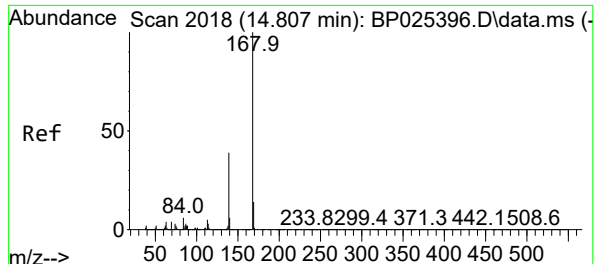
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#54
2,4-Dinitrophenol
Concen: 41.646 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

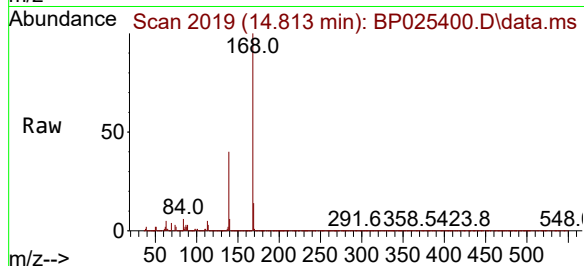
Tgt Ion:184 Resp: 172743
Ion Ratio Lower Upper
184 100
63 61.3 49.4 74.2
154 68.1 54.6 82.0





#55
Dibenzenofuran
Concen: 37.324 ng
RT: 14.813 min Scan# 2018
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

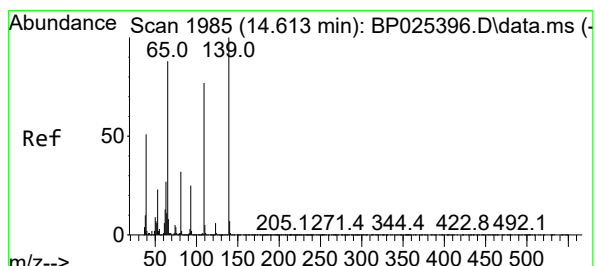
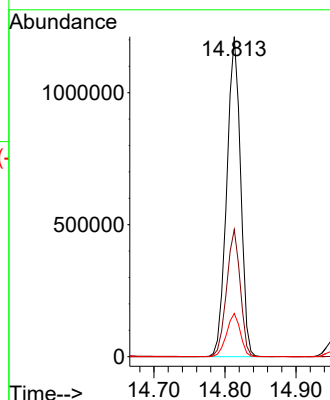
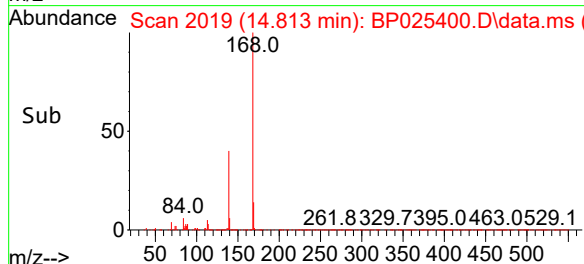
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



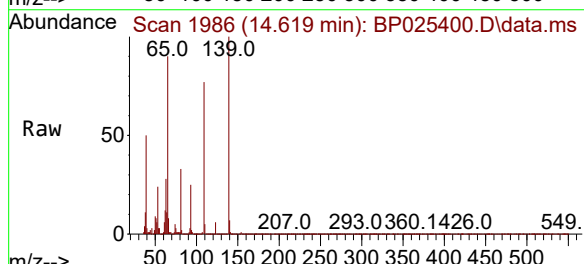
Tgt Ion:168 Resp: 1630744
Ion Ratio Lower Upper
168 100
139 39.8 31.5 47.3
169 13.5 10.9 16.3

Manual Integrations
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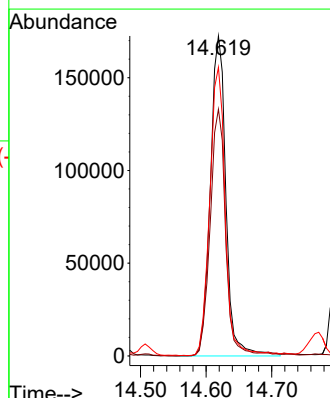
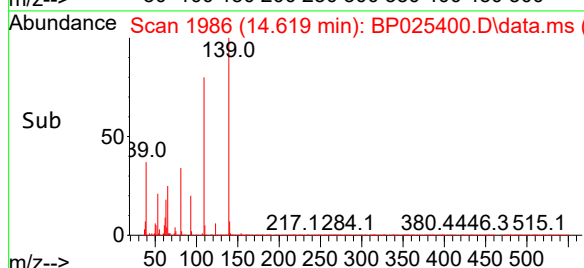
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

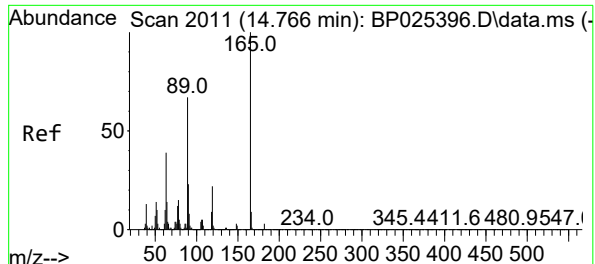


#56
4-Nitrophenol
Concen: 39.630 ng
RT: 14.619 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05



Tgt Ion:139 Resp: 284585
Ion Ratio Lower Upper
139 100
109 77.1 56.6 96.6
65 90.2 68.2 108.2





#57

2,4-Dinitrotoluene

Concen: 40.439 ng

RT: 14.772 min Scan# 2011

Delta R.T. 0.006 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

Instrument :

BNA_P

ClientSampleId :

ICVBP081425

Tgt Ion:165 Resp: 44814

Ion Ratio Lower Upper

165 100

63 37.5 31.4 47.2

89 65.6 53.3 79.9

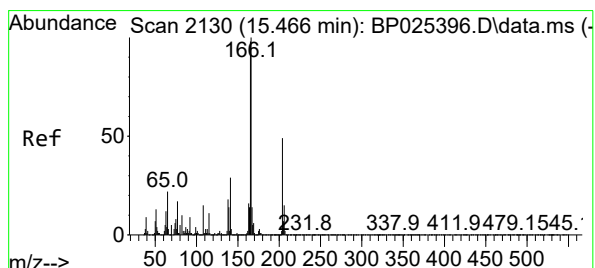
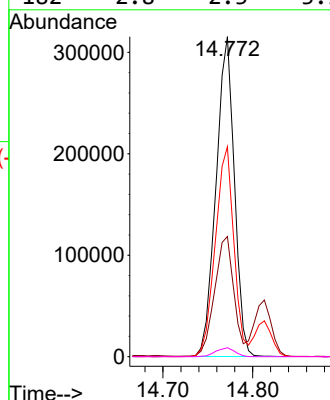
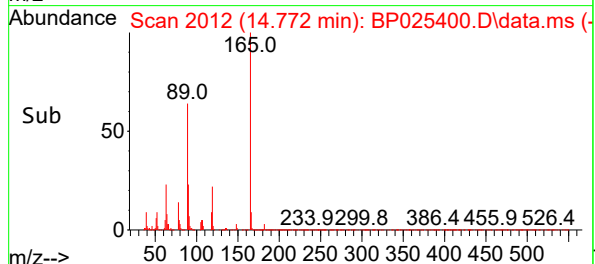
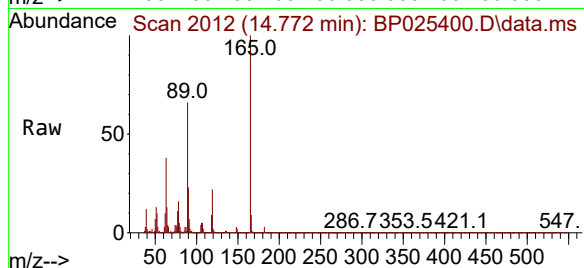
182 2.8 2.3 3.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#58

Fluorene

Concen: 36.992 ng

RT: 15.478 min Scan# 2132

Delta R.T. 0.012 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

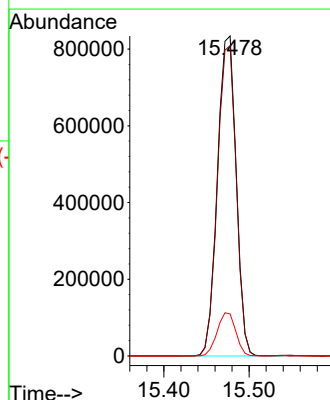
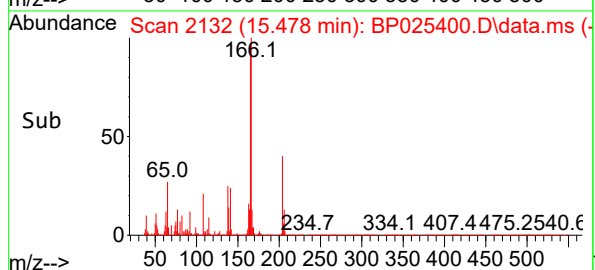
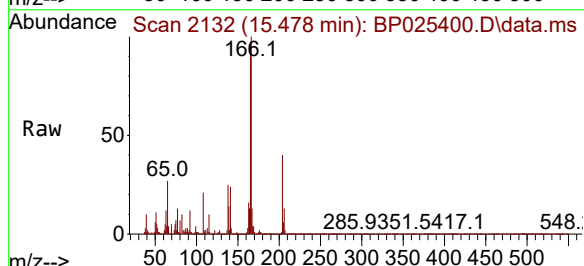
Tgt Ion:166 Resp: 1275341

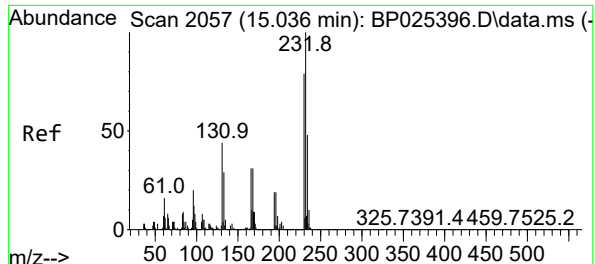
Ion Ratio Lower Upper

166 100

165 97.0 78.8 118.2

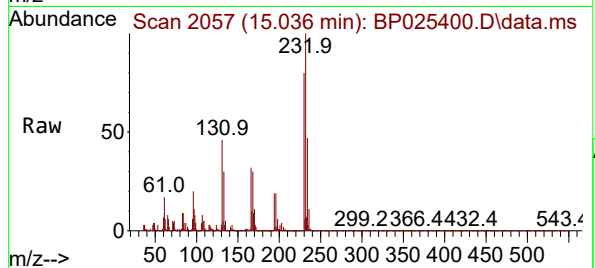
167 13.2 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.147 ng
RT: 15.036 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

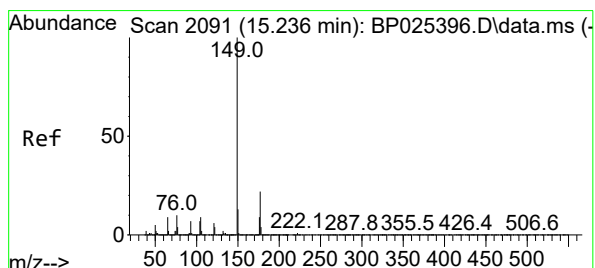
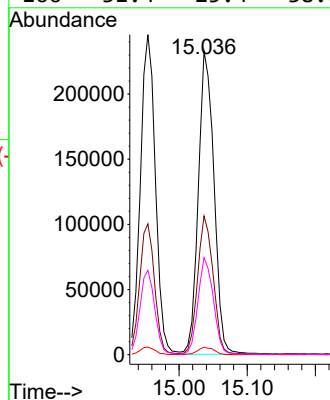
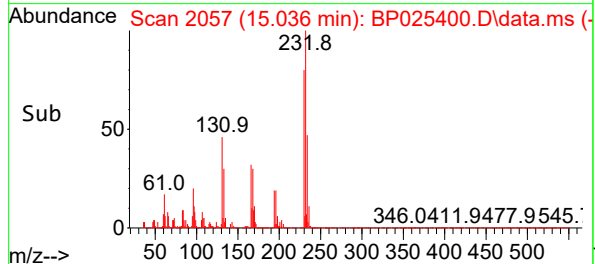
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



Tgt Ion:232 Resp: 37171
Ion Ratio Lower Upper
232 100
131 45.3 37.0 55.6
130 2.6 1.9 2.9
166 31.4 25.4 38.0

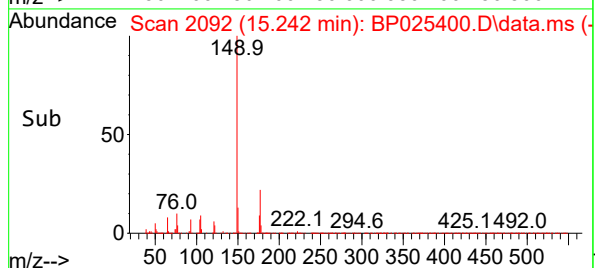
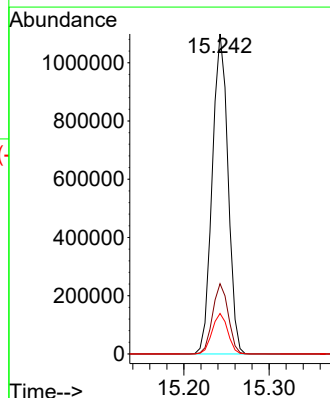
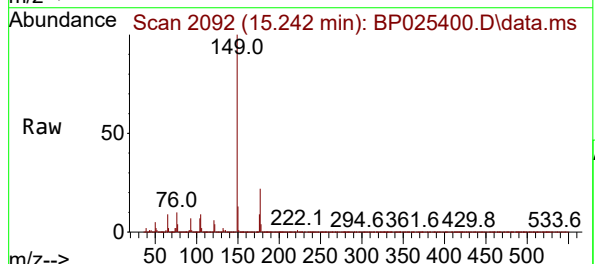
Manual Integrations
APPROVED

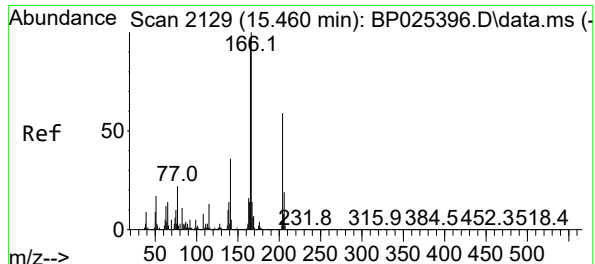
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#60
Diethylphthalate
Concen: 37.810 ng
RT: 15.242 min Scan# 2092
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion:149 Resp: 1415787
Ion Ratio Lower Upper
149 100
177 22.0 17.3 25.9
150 12.7 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 36.596 ng
RT: 15.472 min Scan# 2130
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Instrument :

BNA_P

ClientSampleId :

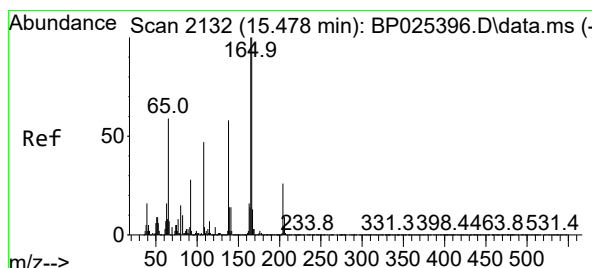
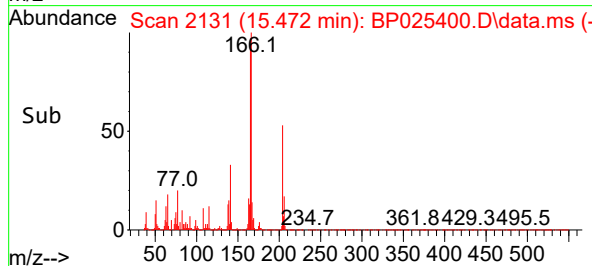
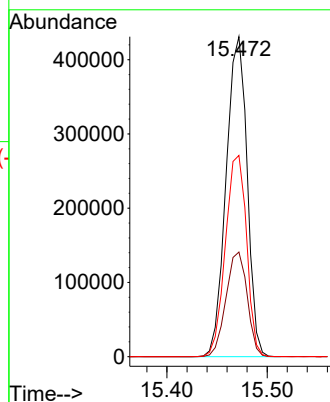
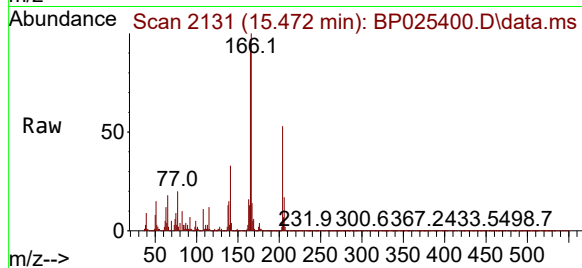
ICVBP081425

Tgt Ion:204 Resp: 62747
Ion Ratio Lower Upper
204 100
206 32.7 25.8 38.8
141 62.9 49.4 74.2

Manual Integrations

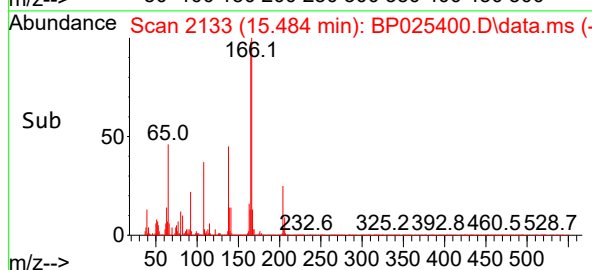
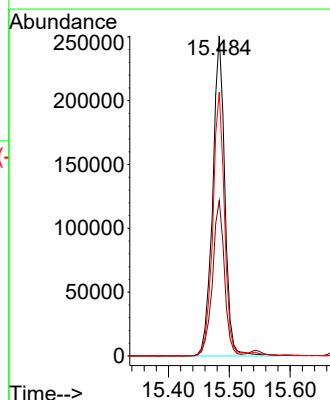
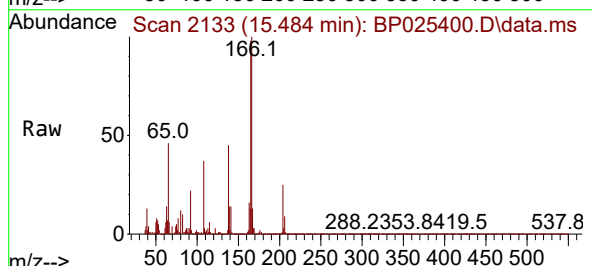
APPROVED

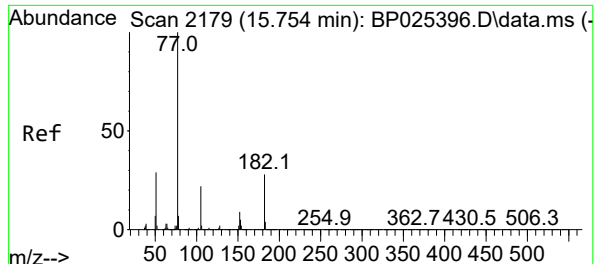
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#62
4-Nitroaniline
Concen: 38.717 ng
RT: 15.484 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

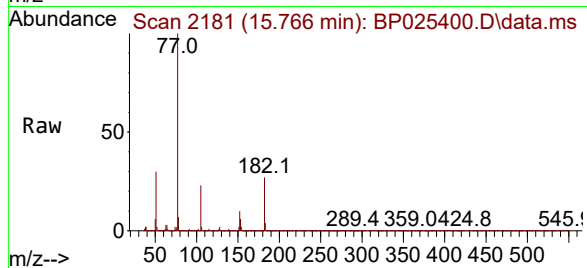
Tgt Ion:138 Resp: 346865
Ion Ratio Lower Upper
138 100
92 48.5 29.1 69.1
108 82.4 61.5 101.5





#63
Azobenzene
Concen: 38.526 ng
RT: 15.766 min Scan# 2179
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

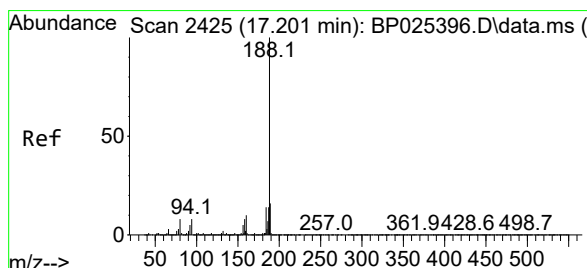
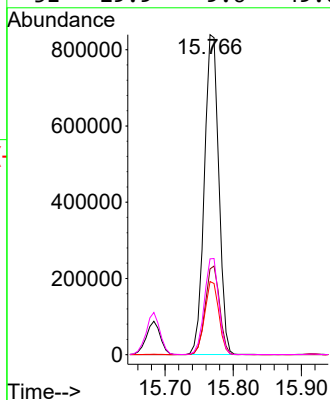
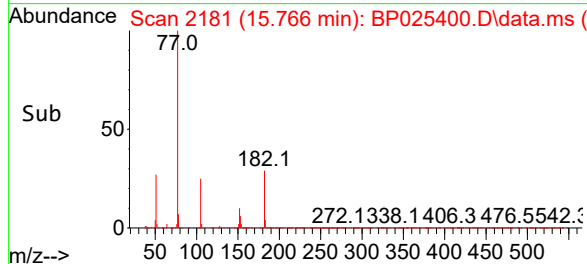
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



Tgt Ion: 77 Resp: 123524
Ion Ratio Lower Upper
77 100
182 26.8 7.5 47.5
105 22.8 2.1 42.1
51 29.9 9.6 49.6

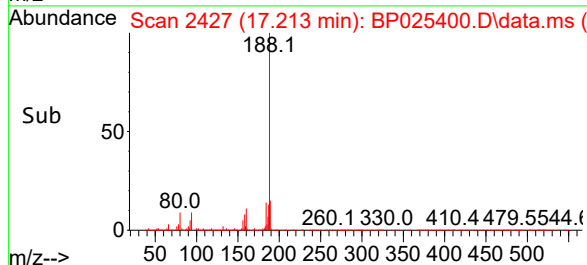
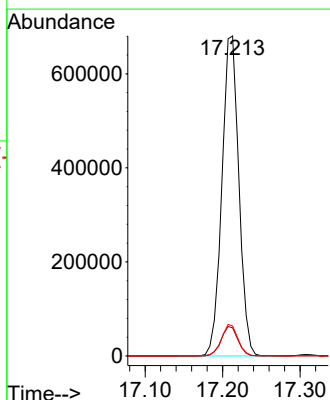
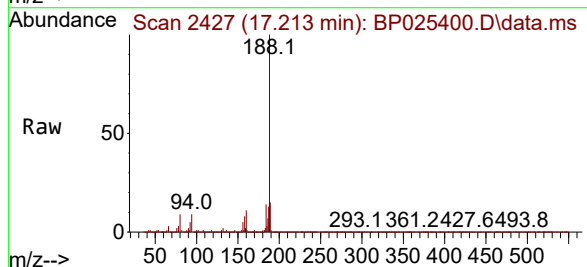
Manual Integrations
APPROVED

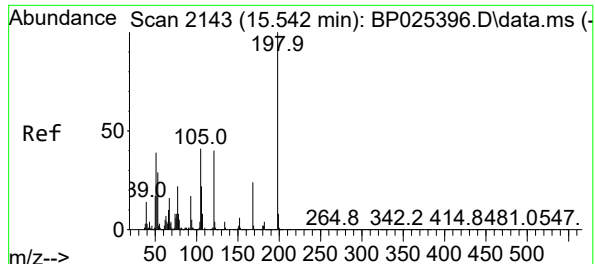
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.213 min Scan# 2427
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

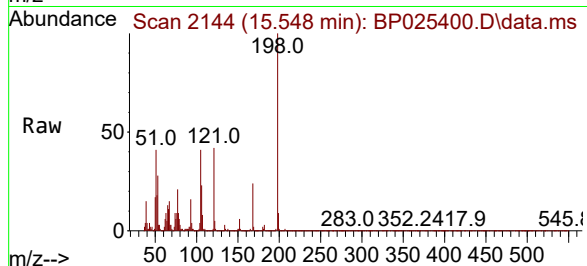
Tgt Ion:188 Resp: 1034378
Ion Ratio Lower Upper
188 100
94 8.8 6.6 10.0
80 9.4 6.7 10.1





#65
4,6-Dinitro-2-methylphenol
Concen: 39.721 ng
RT: 15.548 min Scan# 2143
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

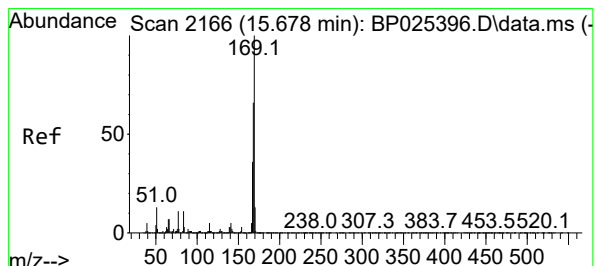
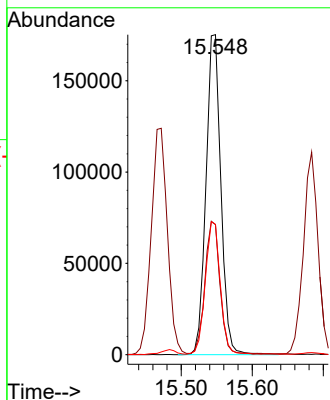
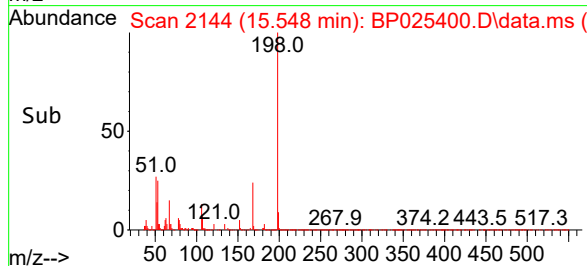
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



Tgt Ion:198 Resp: 25611
Ion Ratio Lower Upper
198 100
51 40.6 19.6 59.6
105 40.7 20.9 60.9

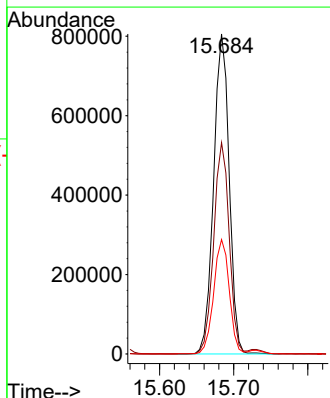
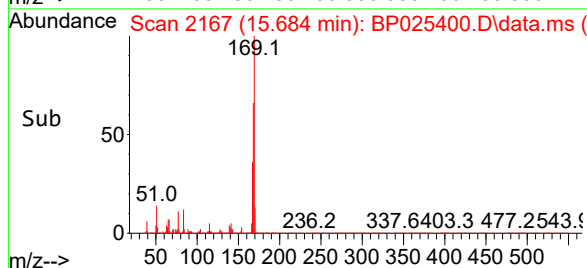
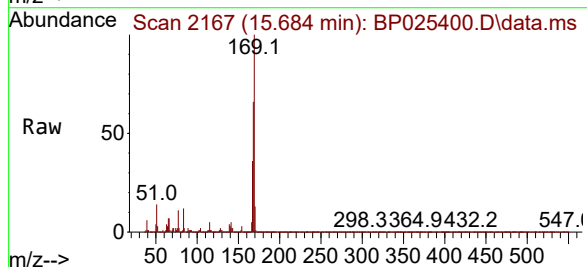
Manual Integrations
APPROVED

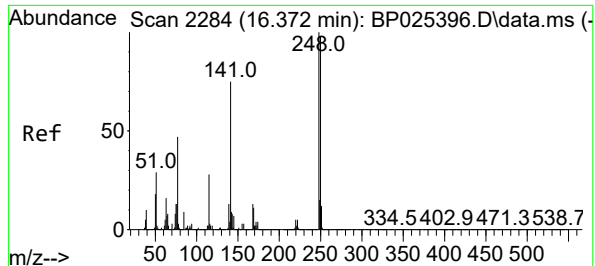
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#66
n-Nitrosodiphenylamine
Concen: 37.227 ng
RT: 15.684 min Scan# 2167
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

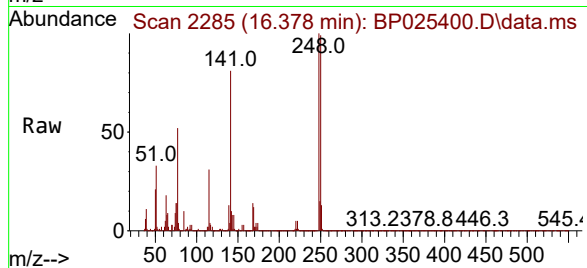
Tgt Ion:169 Resp: 1174244
Ion Ratio Lower Upper
169 100
168 66.0 53.2 79.8
167 35.7 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 37.101 ng
RT: 16.378 min Scan# 2100
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

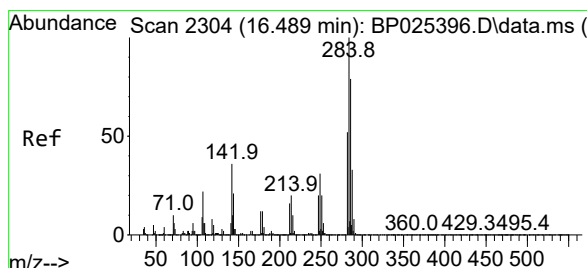
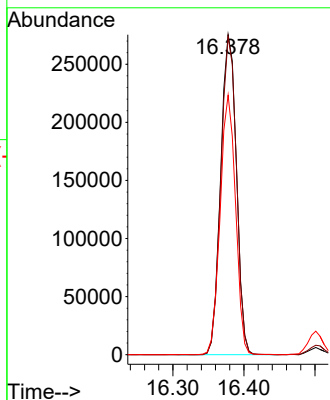
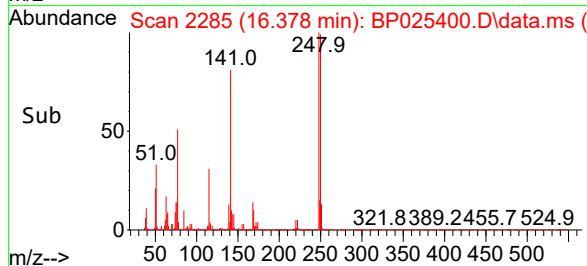
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



Tgt Ion:248 Resp: 422072
Ion Ratio Lower Upper
248 100
250 99.4 78.2 117.2
141 81.1 59.6 89.4

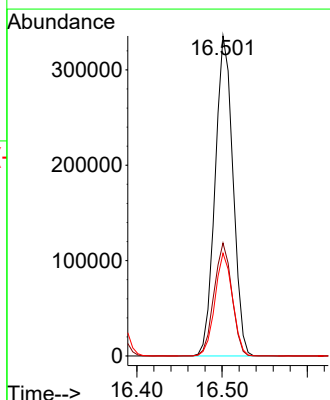
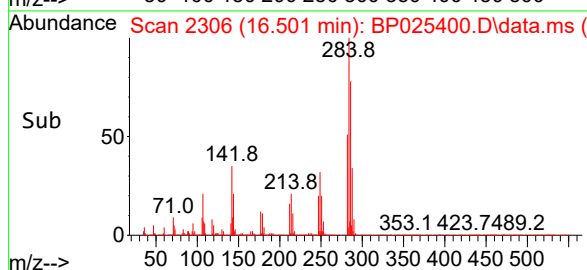
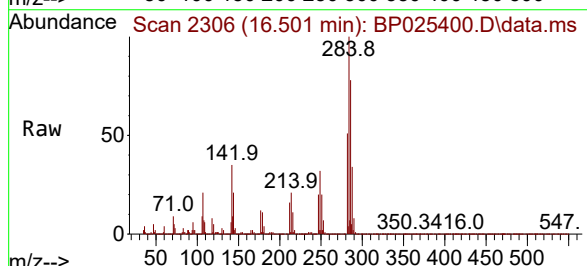
Manual Integrations
APPROVED

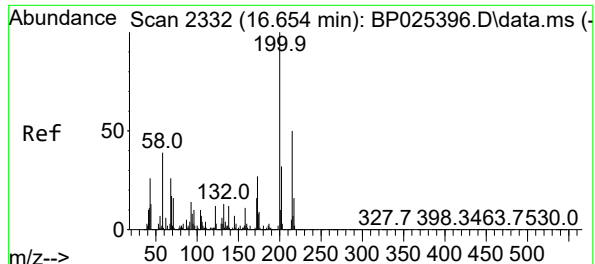
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#68
Hexachlorobenzene
Concen: 37.062 ng
RT: 16.501 min Scan# 2306
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

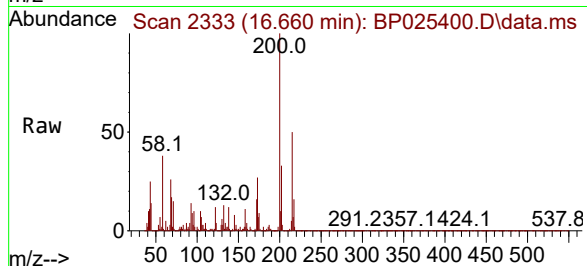
Tgt Ion:284 Resp: 488749
Ion Ratio Lower Upper
284 100
142 35.3 29.1 43.7
249 32.1 25.0 37.4





#69
Atrazine
Concen: 38.057 ng
RT: 16.660 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

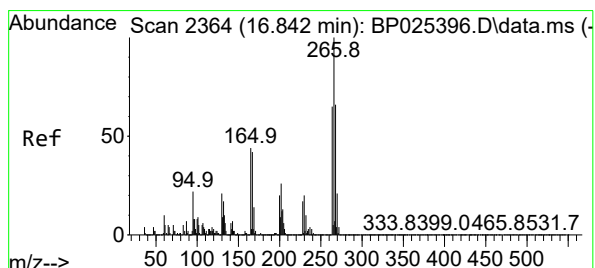
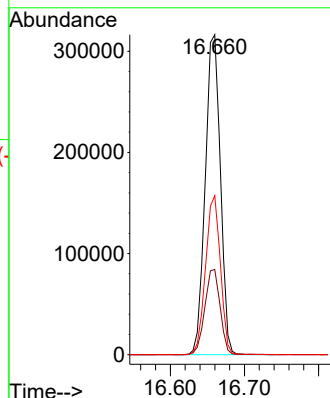
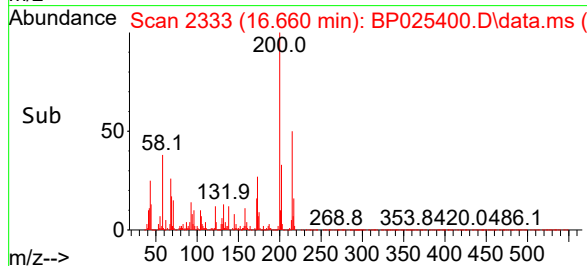
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



Tgt Ion:200 Resp: 44955
Ion Ratio Lower Upper
200 100
173 26.7 6.7 46.7
215 49.7 29.7 69.7

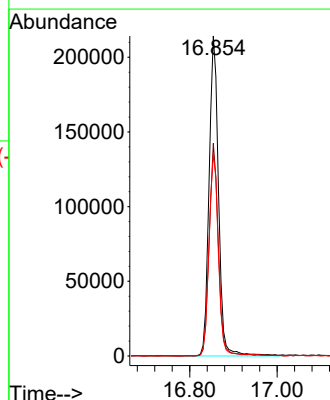
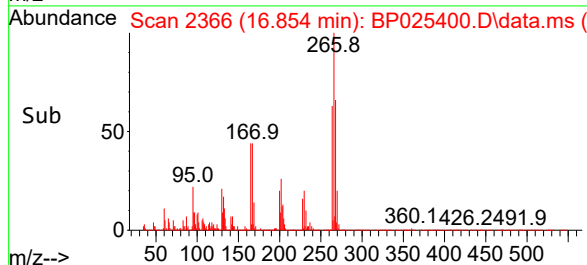
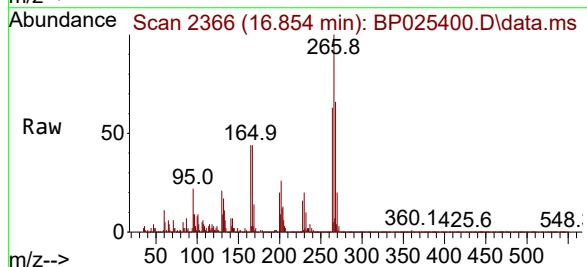
Manual Integrations
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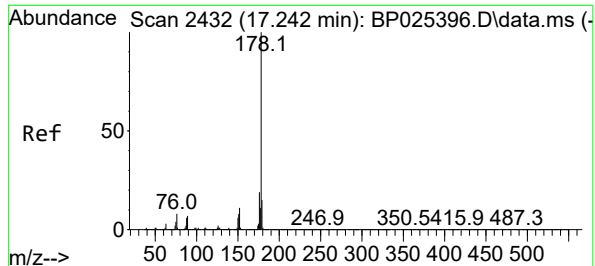
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#70
Pentachlorophenol
Concen: 38.733 ng
RT: 16.854 min Scan# 2366
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

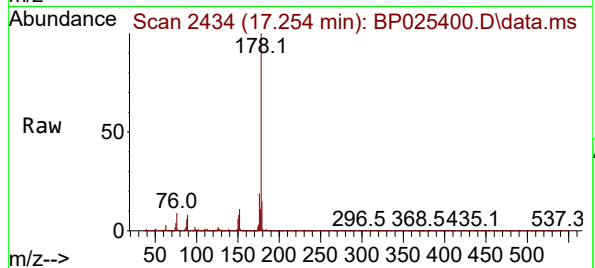
Tgt Ion:266 Resp: 322435
Ion Ratio Lower Upper
266 100
268 66.4 52.6 79.0
264 63.2 52.0 78.0





#71
Phenanthrene
Concen: 36.445 ng
RT: 17.254 min Scan# 2432
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

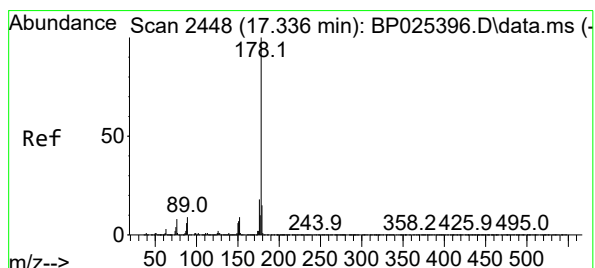
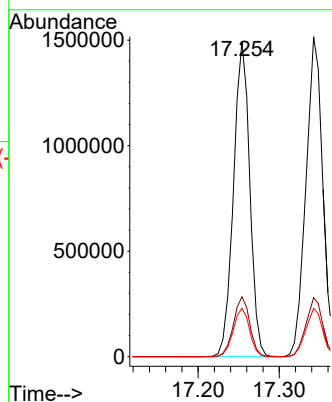
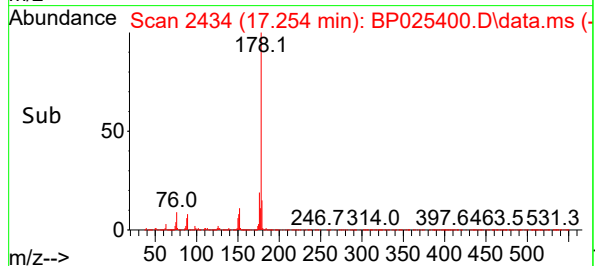
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



Tgt Ion:178 Resp: 207087
Ion Ratio Lower Upper
178 100
176 19.0 15.5 23.3
179 15.3 12.2 18.4

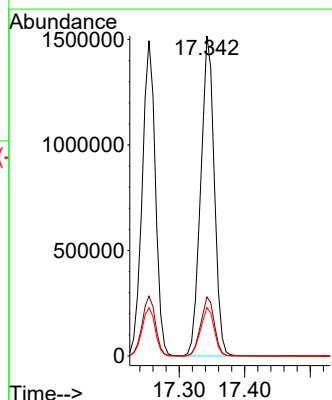
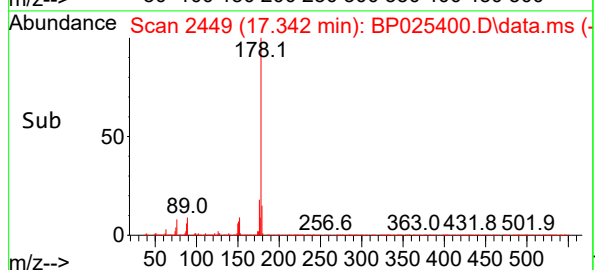
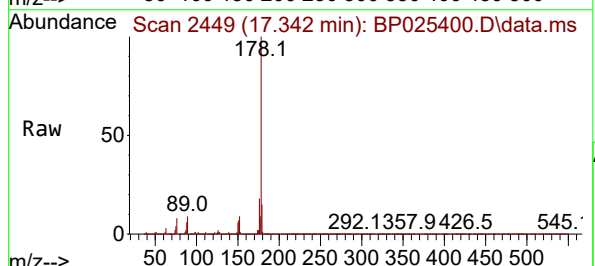
Manual Integrations
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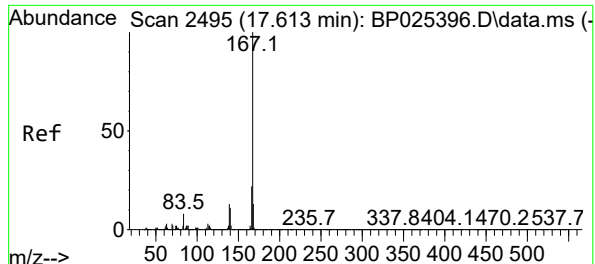
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#72
Anthracene
Concen: 37.563 ng
RT: 17.342 min Scan# 2449
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

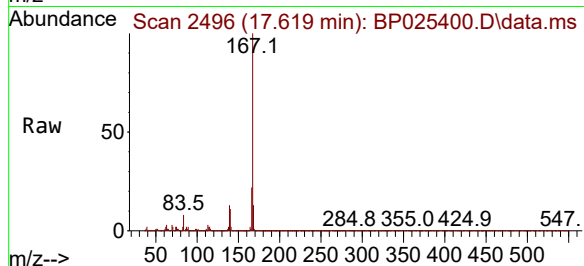
Tgt Ion:178 Resp: 2179669
Ion Ratio Lower Upper
178 100
176 18.5 14.7 22.1
179 15.1 12.2 18.2





#73
Carbazole
Concen: 37.116 ng
RT: 17.619 min Scan# 2496
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

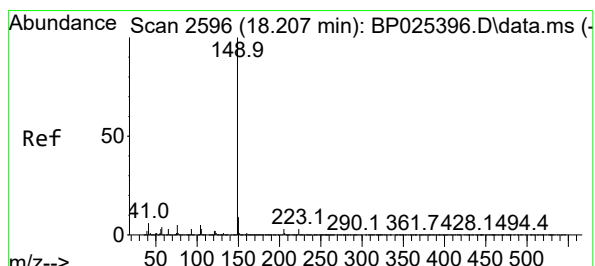
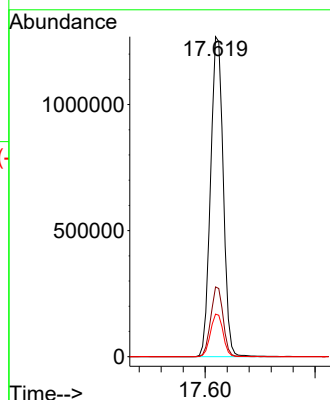
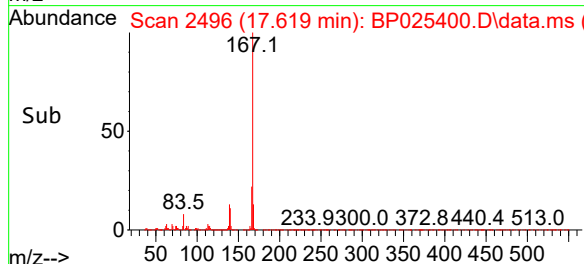
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



Tgt Ion:167 Resp: 202859
Ion Ratio Lower Upper
167 100
166 21.8 17.5 26.3
139 13.3 10.6 16.0

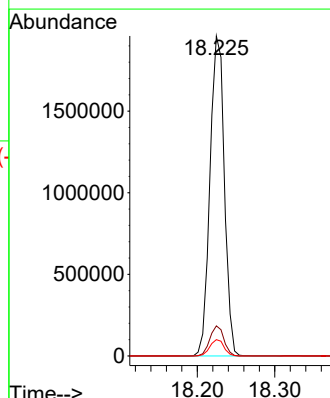
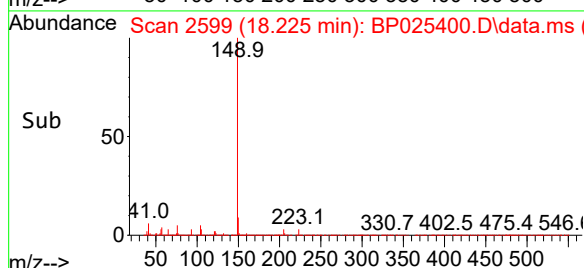
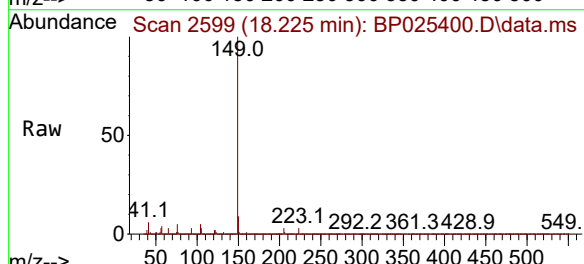
Manual Integrations
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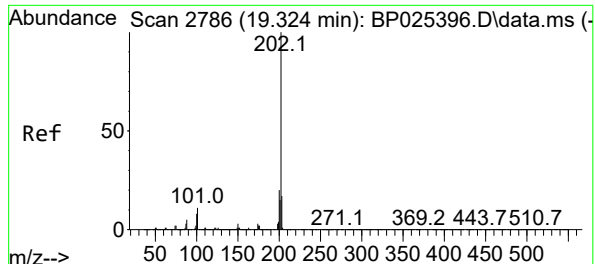
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#74
Di-n-butylphthalate
Concen: 37.602 ng
RT: 18.225 min Scan# 2599
Delta R.T. 0.018 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

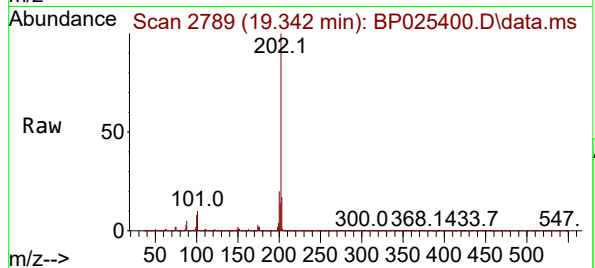
Tgt Ion:149 Resp: 2528547
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.0
104 5.1 4.2 6.2





#75
Fluoranthene
Concen: 37.481 ng
RT: 19.342 min Scan# 21
Delta R.T. 0.018 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

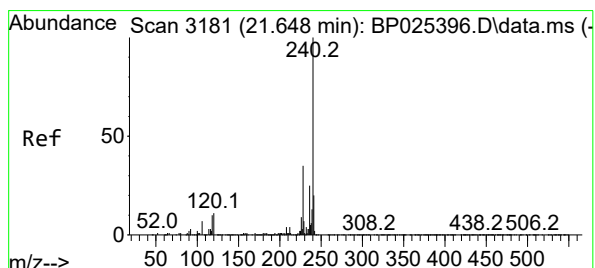
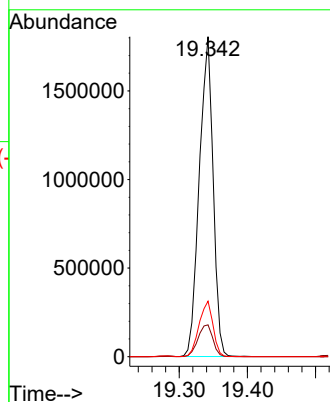
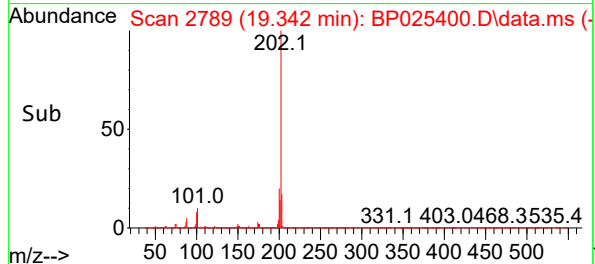
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



Tgt Ion:202 Resp: 254041
Ion Ratio Lower Upper
202 100
101 9.9 0.0 31.1
203 17.4 0.0 37.3

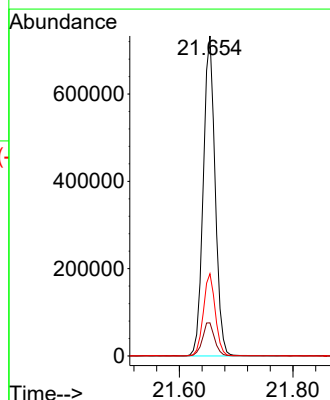
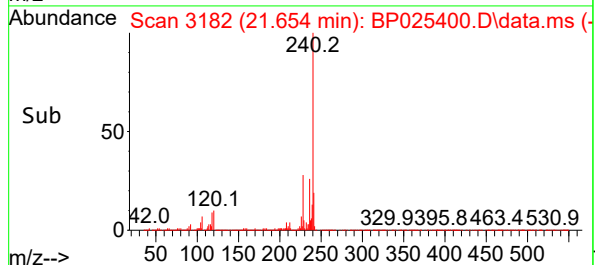
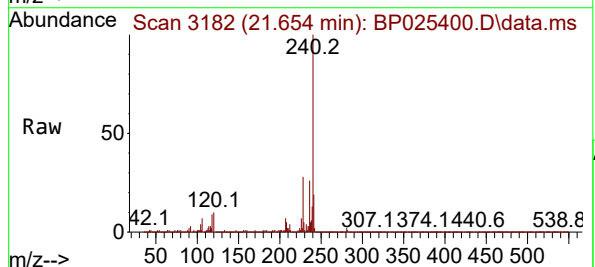
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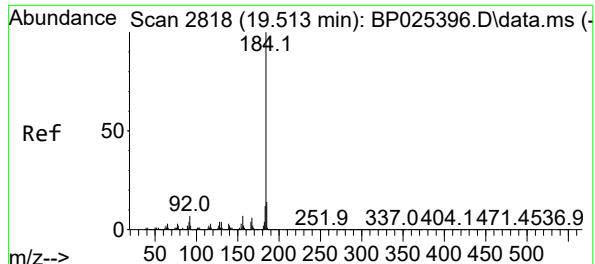
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.654 min Scan# 3182
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

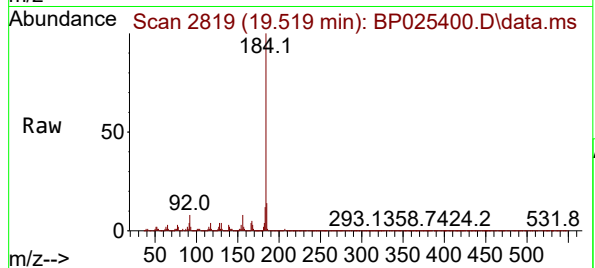
Tgt Ion:240 Resp: 1060337
Ion Ratio Lower Upper
240 100
120 10.3 8.9 13.3
236 25.7 19.8 29.8





#77
Benzidine
Concen: 42.271 ng
RT: 19.519 min Scan# 2819
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

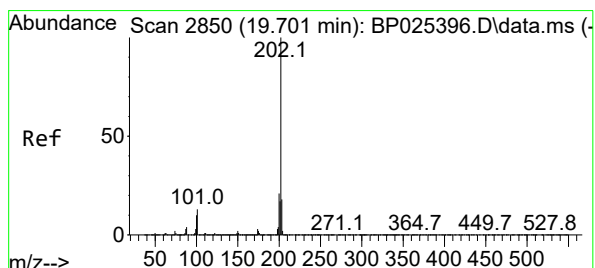
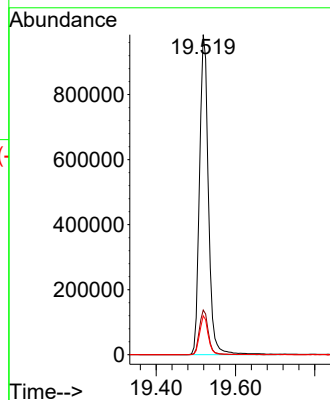
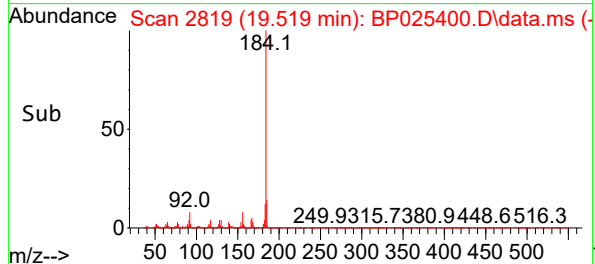
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



Tgt Ion:184 Resp: 1529650
Ion Ratio Lower Upper
184 100
185 13.9 11.5 17.3
183 12.1 9.4 14.2

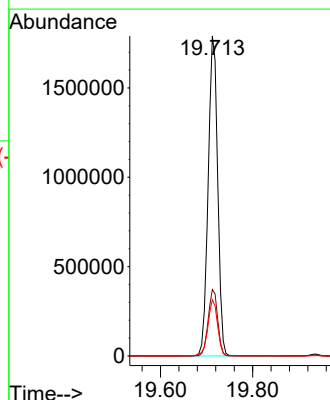
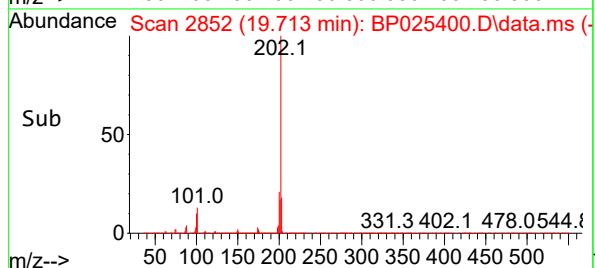
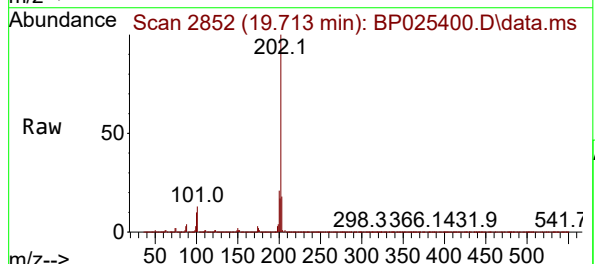
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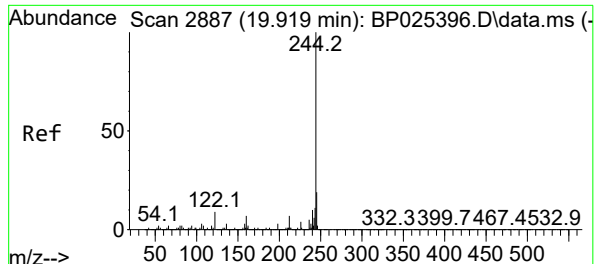
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#78
Pyrene
Concen: 37.404 ng
RT: 19.713 min Scan# 2852
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

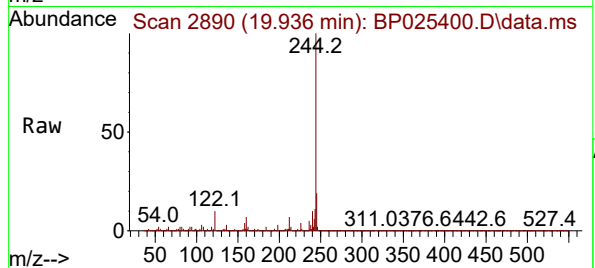
Tgt Ion:202 Resp: 2577810
Ion Ratio Lower Upper
202 100
200 20.8 16.9 25.3
203 17.5 14.2 21.2





#79
Terphenyl-d14
Concen: 66.399 ng
RT: 19.936 min Scan# 2887
Delta R.T. 0.018 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

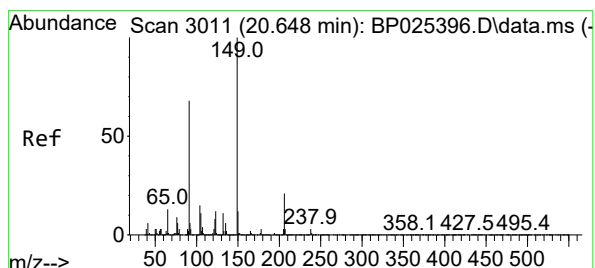
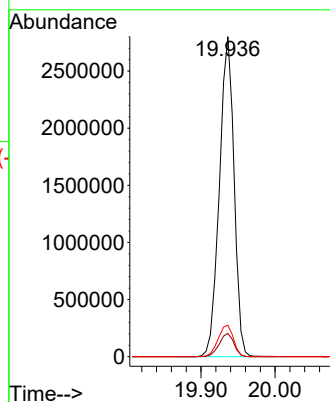
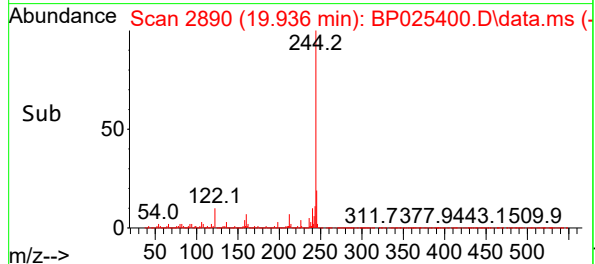
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



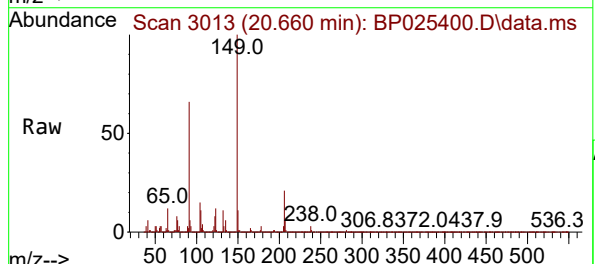
Tgt Ion:244 Resp: 3848160
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 9.9 7.4 11.2

Manual Integrations
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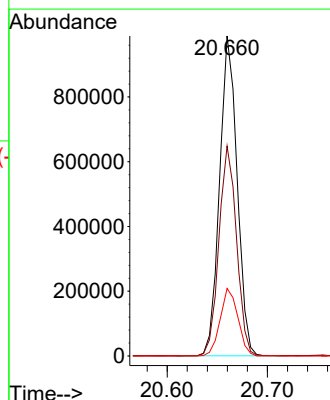
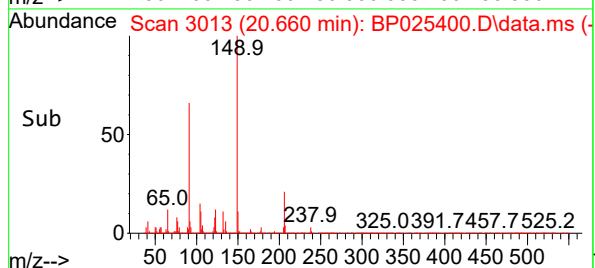
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

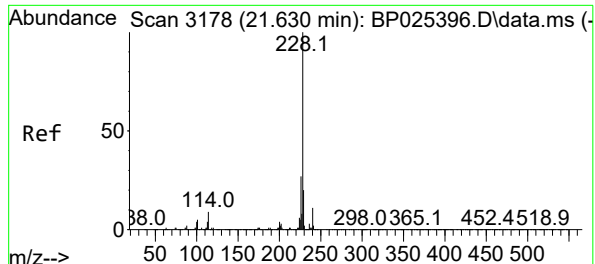


#80
Butylbenzylphthalate
Concen: 38.401 ng
RT: 20.660 min Scan# 3013
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05



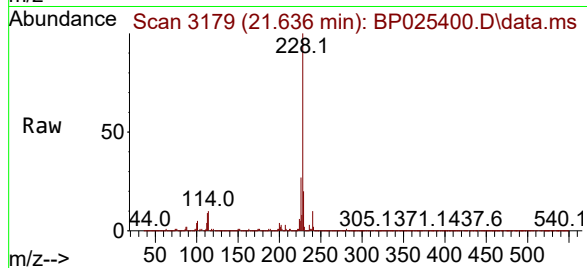
Tgt Ion:149 Resp: 1199445
Ion Ratio Lower Upper
149 100
91 65.6 54.2 81.2
206 21.1 16.6 24.8





#81
Benzo(a)anthracene
Concen: 36.950 ng
RT: 21.636 min Scan# 3179
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

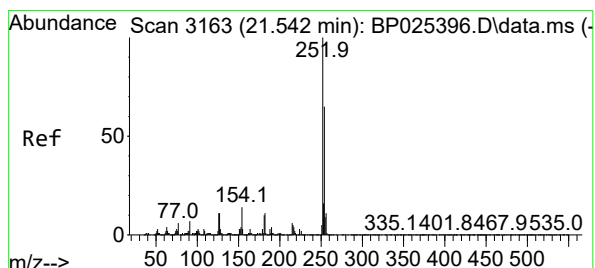
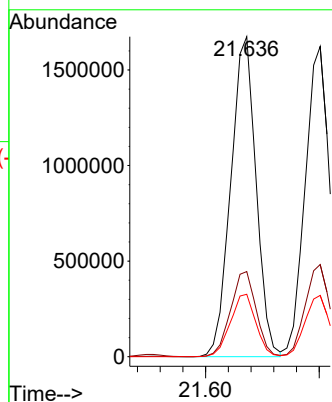
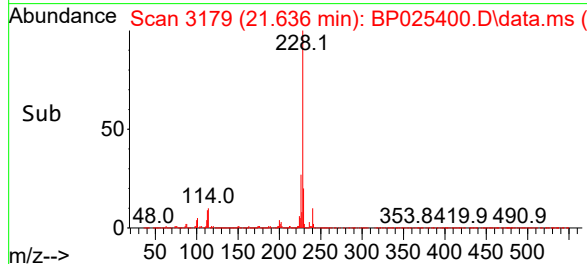
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



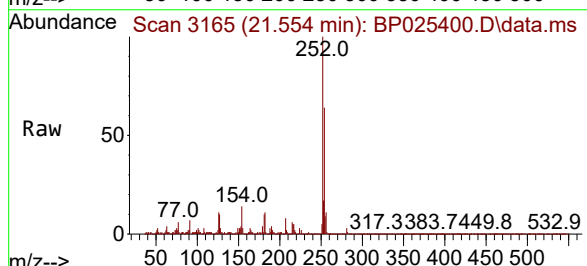
Tgt Ion:228 Resp: 2583860
Ion Ratio Lower Upper
228 100
226 26.6 21.7 32.5
229 19.5 15.6 23.4

Manual Integrations
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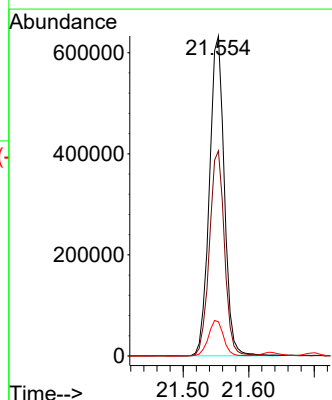
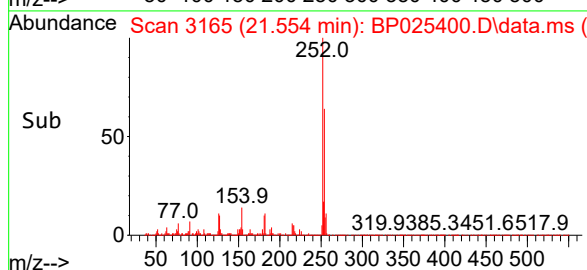
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

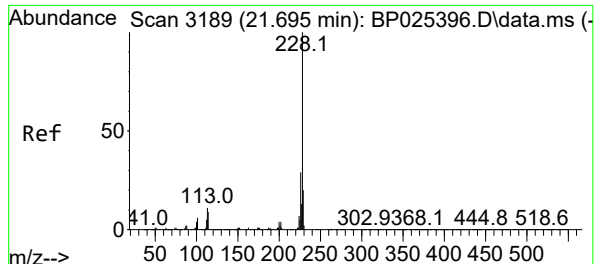


#82
3,3'-Dichlorobenzidine
Concen: 38.038 ng
RT: 21.554 min Scan# 3165
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05



Tgt Ion:252 Resp: 1002597
Ion Ratio Lower Upper
252 100
254 64.1 51.8 77.6
126 10.7 9.1 13.7





#83

Chrysene

Concen: 37.353 ng

RT: 21.701 min Scan# 3189

Delta R.T. 0.006 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

Instrument :

BNA_P

ClientSampleId :

ICVBP081425

Tgt Ion:228 Resp: 244619

Ion Ratio Lower Upper

228 100

226 29.7 23.2 34.8

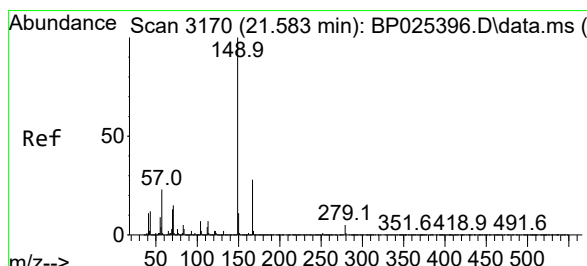
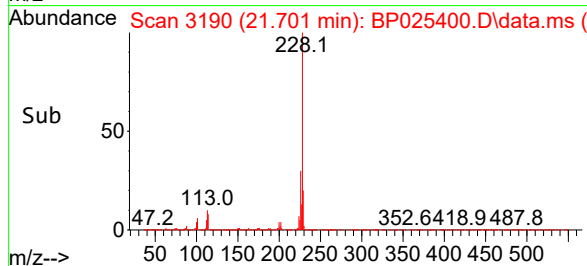
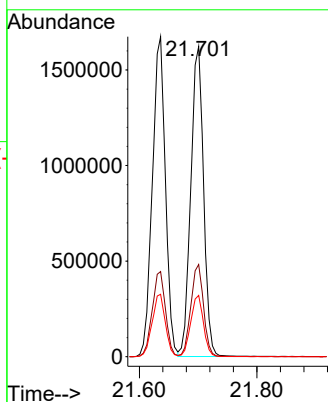
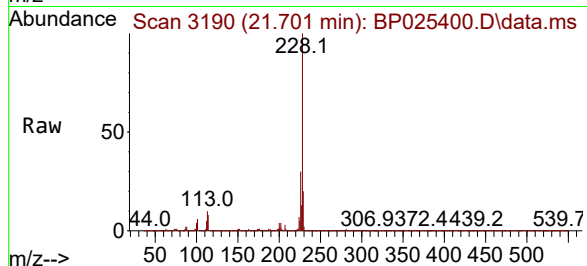
229 19.7 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.729 ng

RT: 21.583 min Scan# 3170

Delta R.T. 0.000 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

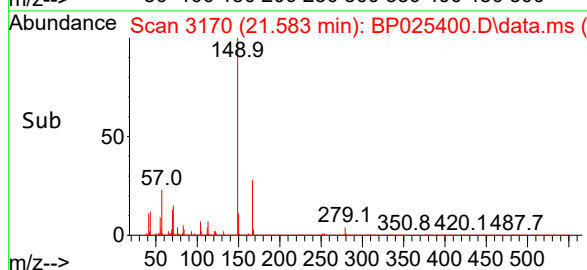
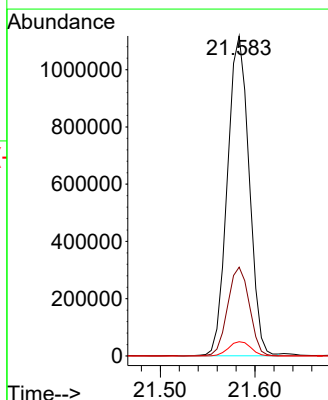
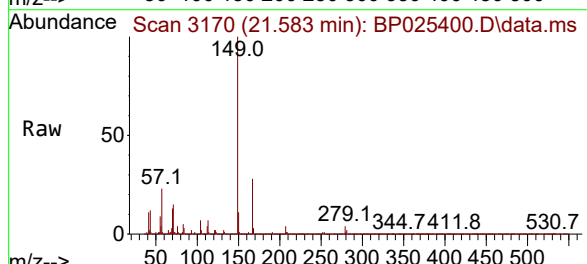
Tgt Ion:149 Resp: 1780746

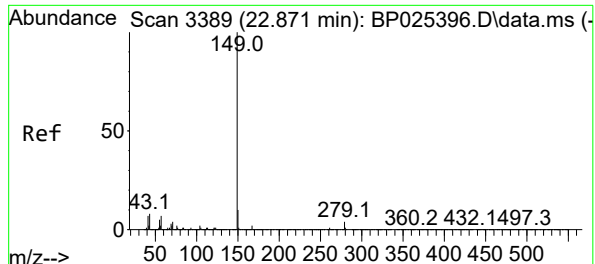
Ion Ratio Lower Upper

149 100

167 27.8 22.1 33.1

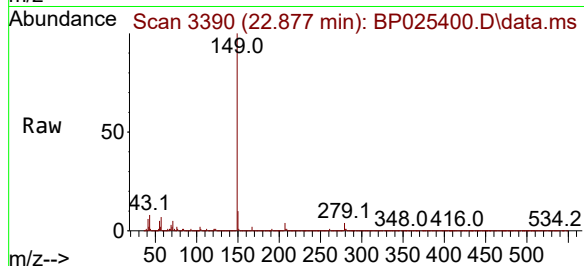
279 4.5 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 37.915 ng
RT: 22.877 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

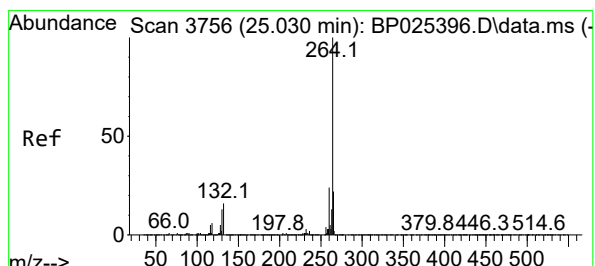
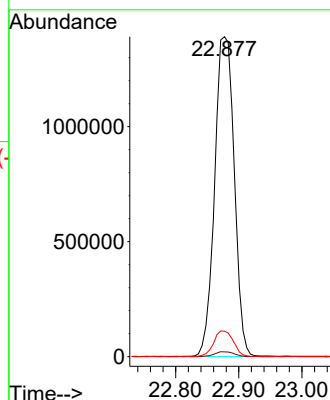
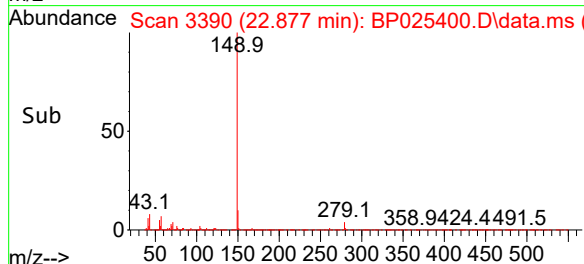
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



Tgt Ion:149 Resp: 2998528
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.0 6.3 9.5

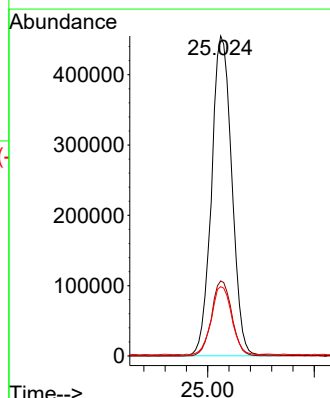
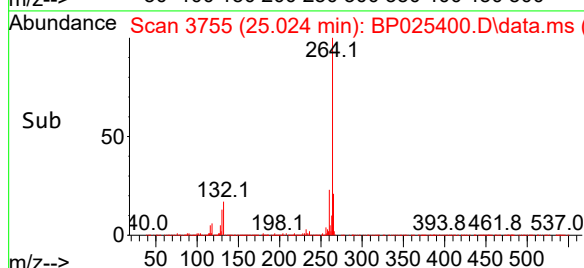
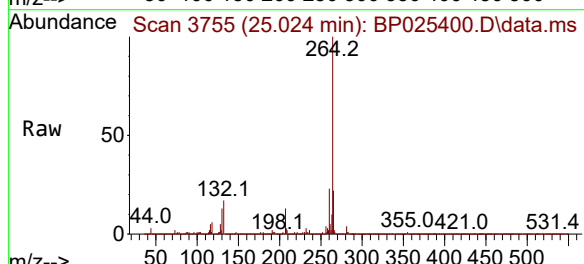
Manual Integrations
APPROVED

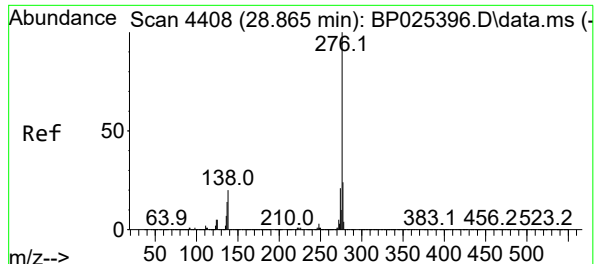
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.024 min Scan# 3755
Delta R.T. -0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

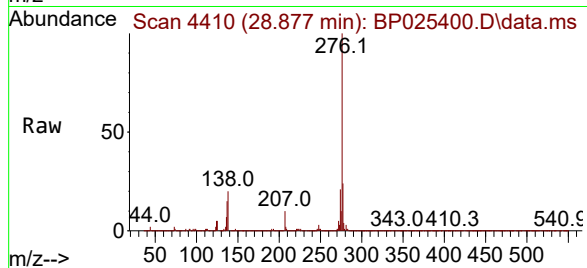
Tgt Ion:264 Resp: 1200519
Ion Ratio Lower Upper
264 100
260 23.4 19.3 28.9
265 21.6 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 37.119 ng
RT: 28.877 min Scan# 4408
Delta R.T. 0.012 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

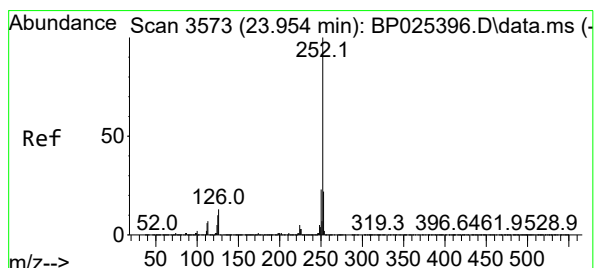
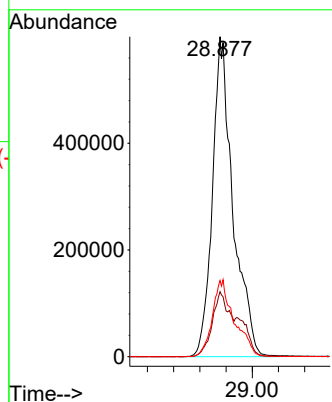
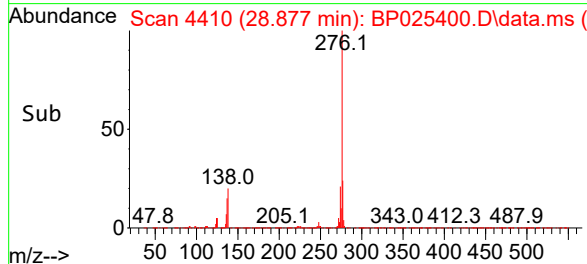
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



Tgt Ion: 276 Resp: 326796
Ion Ratio Lower Upper
276 100
138 17.0 12.9 19.3
277 25.5 17.0 25.6

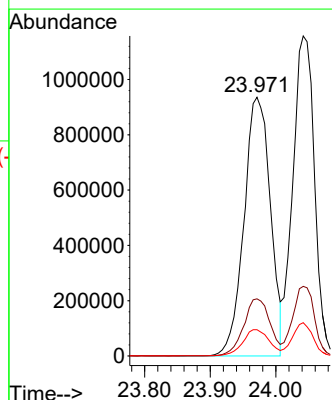
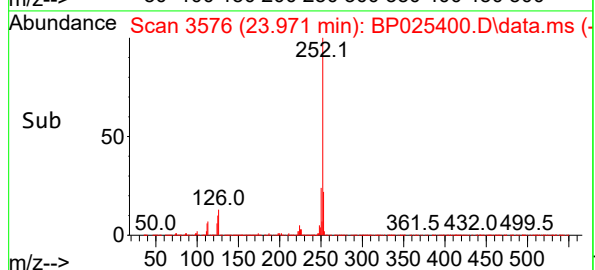
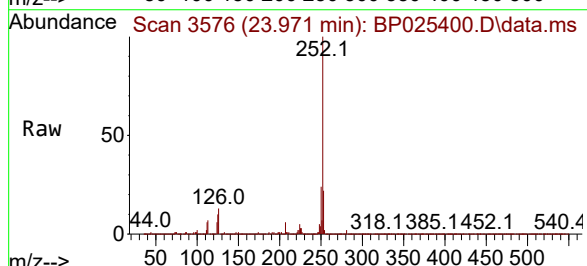
Manual Integrations
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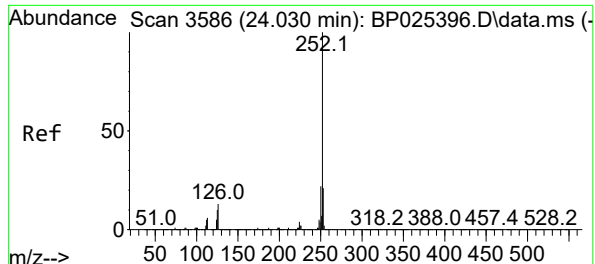
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#88
Benzo(b)fluoranthene
Concen: 36.964 ng
RT: 23.971 min Scan# 3576
Delta R.T. 0.018 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

Tgt Ion: 252 Resp: 2616701
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 10.2 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 37.464 ng

RT: 24.042 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

Instrument :

BNA_P

ClientSampleId :

ICVBP081425

Tgt Ion:252 Resp: 265390

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

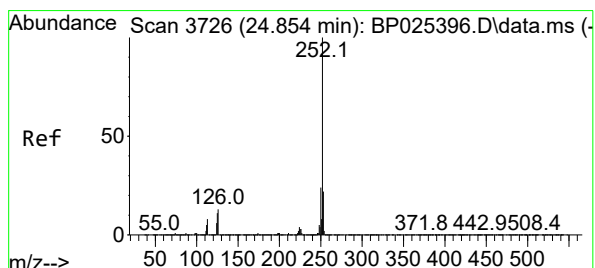
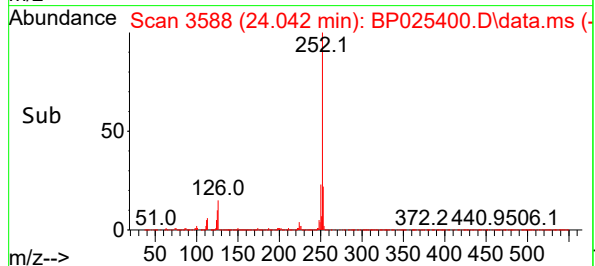
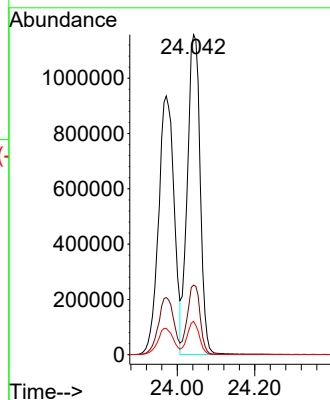
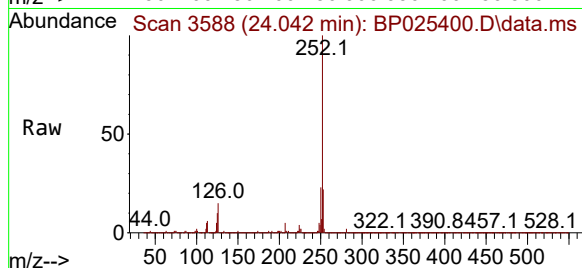
125 10.4 7.8 11.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#90

Benzo(a)pyrene

Concen: 37.160 ng

RT: 24.871 min Scan# 3729

Delta R.T. 0.018 min

Lab File: BP025400.D

Acq: 14 Aug 2025 18:05

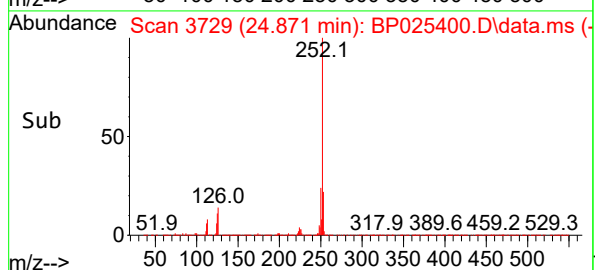
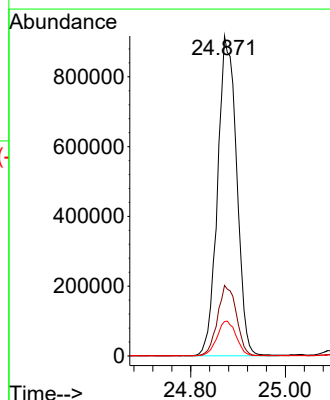
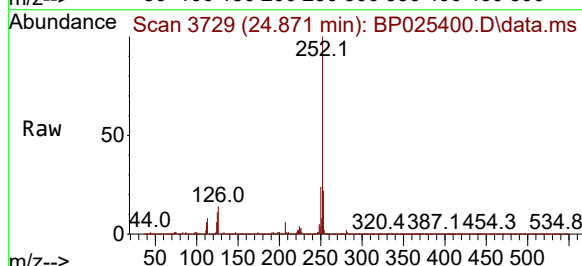
Tgt Ion:252 Resp: 2560692

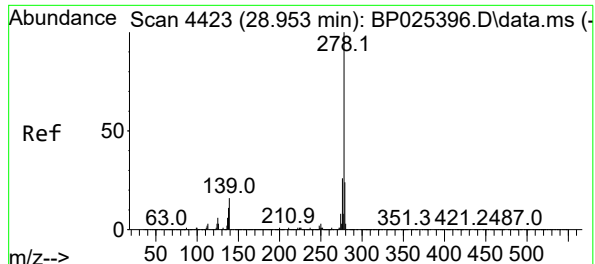
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

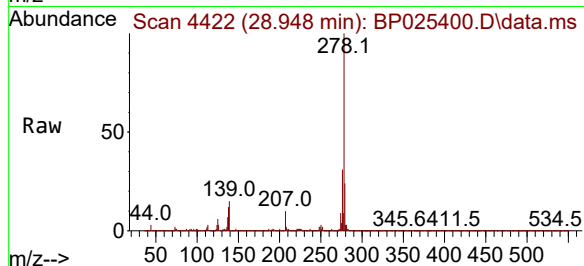
125 10.7 8.7 13.1





#91
Dibenzo(a,h)anthracene
Concen: 37.490 ng
RT: 28.948 min Scan# 4423
Delta R.T. -0.006 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05

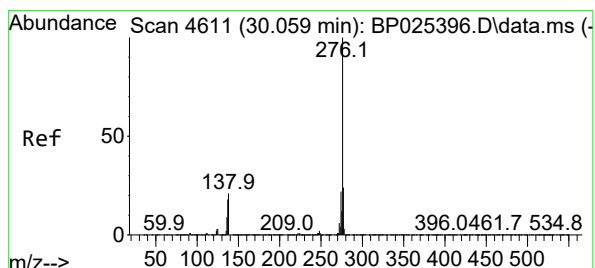
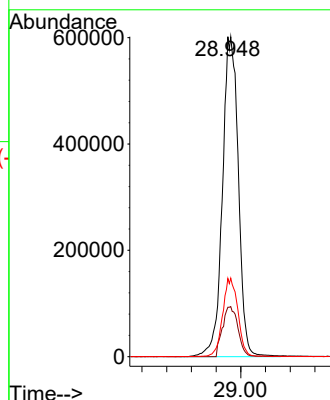
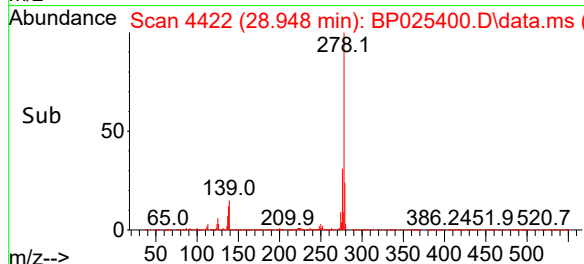
Instrument :
BNA_P
ClientSampleId :
ICVBP081425



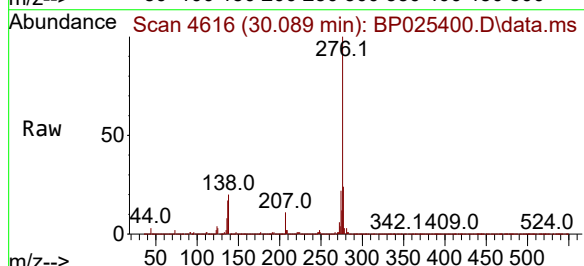
Tgt Ion: 278 Resp: 2697330
Ion Ratio Lower Upper
278 100
139 15.4 13.0 19.4
279 24.4 19.4 29.2

Manual Integrations
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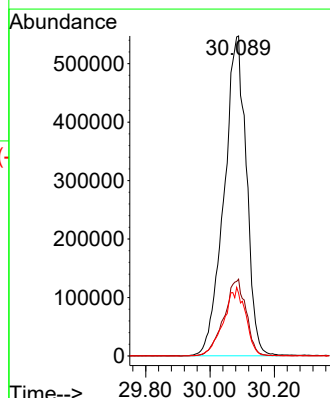
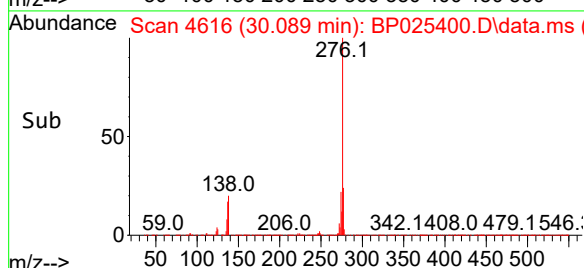
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#92
Benzo(g,h,i)perylene
Concen: 37.216 ng
RT: 30.089 min Scan# 4616
Delta R.T. 0.029 min
Lab File: BP025400.D
Acq: 14 Aug 2025 18:05



Tgt Ion: 276 Resp: 2632085
Ion Ratio Lower Upper
276 100
277 24.0 19.4 29.0
138 19.6 16.7 25.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025400.D
 Acq On : 14 Aug 2025 18:05
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP081425

Quant Time: Aug 14 18:24:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 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	110	0.00
2	1,4-Dioxane	0.472	0.399	15.5	99	0.00
3	Pyridine	1.291	1.159	10.2	105	0.00
4	n-Nitrosodimethylamine	0.532	0.507	4.7	109	0.00
5 S	2-Fluorophenol	1.204	1.045	13.2	99	0.00
6	Aniline	2.080	1.984	4.6	108	0.00
7 S	Phenol-d6	1.544	1.383	10.4	101	0.00
8	2-Chlorophenol	1.359	1.308	3.8	110	0.00
9	Benzaldehyde	1.082	0.923	14.7	75	0.00
10 C	Phenol	1.620	1.555	4.0	109	0.00
11	bis(2-Chloroethyl)ether	1.263	1.211	4.1	109	0.00
12	1,3-Dichlorobenzene	1.499	1.414	5.7	108	0.00
13 C	1,4-Dichlorobenzene	1.532	1.451	5.3	109	0.00
14	1,2-Dichlorobenzene	1.483	1.402	5.5	108	0.00
15	Benzyl Alcohol	1.227	1.197	2.4	111	0.00
16	2,2'-oxybis(1-Chloropropane	1.692	1.619	4.3	110	0.00
17	2-Methylphenol	1.125	1.094	2.8	109	0.00
18	Hexachloroethane	0.563	0.536	4.8	109	0.00
19 P	n-Nitroso-di-n-propylamine	1.023	0.979	4.3	109	0.00
20	3+4-Methylphenols	1.560	1.506	3.5	109	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	113	0.00
22	Acetophenone	0.502	0.479	4.6	112	0.00
23 S	Nitrobenzene-d5	0.395	0.328	17.0	97	0.00
24	Nitrobenzene	0.353	0.330	6.5	108	0.00
25	Isophorone	0.700	0.662	5.4	111	0.00
26 C	2-Nitrophenol	0.181	0.176	2.8	110	0.00
27	2,4-Dimethylphenol	0.312	0.303	2.9	111	0.00
28	bis(2-Chloroethoxy)methane	0.423	0.400	5.4	111	0.00
29 C	2,4-Dichlorophenol	0.310	0.299	3.5	111	0.00
30	1,2,4-Trichlorobenzene	0.340	0.316	7.1	109	0.00
31	Naphthalene	1.040	0.973	6.4	110	0.00
32	Benzoic acid	0.230	0.220	4.3	110	0.01
33	4-Chloroaniline	0.459	0.437	4.8	109	0.00
34 C	Hexachlorobutadiene	0.211	0.196	7.1	108	0.00
35	Caprolactam	0.114	0.109	4.4	112	0.00
36 C	4-Chloro-3-methylphenol	0.355	0.345	2.8	113	0.00
37	2-Methylnaphthalene	0.676	0.640	5.3	111	0.00
38	1-Methylnaphthalene	0.719	0.675	6.1	111	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	114	0.00
40	1,2,4,5-Tetrachlorobenzene	0.578	0.547	5.4	111	0.00
41 P	Hexachlorocyclopentadiene	0.349	0.350	-0.3	115	0.00
42 S	2,4,6-Tribromophenol	0.269	0.241	10.4	105	0.00
43 C	2,4,6-Trichlorophenol	0.390	0.380	2.6	113	0.00
44	2,4,5-Trichlorophenol	0.427	0.418	2.1	112	0.00
45 S	2-Fluorobiphenyl	1.463	1.208	17.4	99	0.00
46	1,1'-Biphenyl	1.453	1.368	5.8	111	0.00
47	2-Chloronaphthalene	1.131	1.065	5.8	110	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025400.D
 Acq On : 14 Aug 2025 18:05
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP081425

Quant Time: Aug 14 18:24:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 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	0.322	2.1	111	0.00
49	Acenaphthylene	1.871	1.764	5.7	111	0.00
50	Dimethylphthalate	1.465	1.398	4.6	114	0.00
51	2,6-Dinitrotoluene	0.309	0.303	1.9	112	0.00
52 C	Acenaphthene	1.098	1.011	7.9	111	0.00
53	3-Nitroaniline	0.347	0.348	-0.3	116	0.00
54 P	2,4-Dinitrophenol	0.165	0.172	-4.2	120	0.00
55	Dibenzofuran	1.736	1.620	6.7	110	0.00
56 P	4-Nitrophenol	0.285	0.283	0.7	115	0.00
57	2,4-Dinitrotoluene	0.440	0.445	-1.1	116	0.00
58	Fluorene	1.370	1.267	7.5	111	0.01
59	2,3,4,6-Tetrachlorophenol	0.377	0.369	2.1	115	0.00
60	Diethylphthalate	1.488	1.407	5.4	112	0.00
61	4-Chlorophenyl-phenylether	0.681	0.623	8.5	109	0.01
62	4-Nitroaniline	0.356	0.345	3.1	112	0.00
63	Azobenzene	1.274	1.227	3.7	113	0.01
64 I	Phenanthrene-d10	1.000	1.000	0.0	117	0.01
65	4,6-Dinitro-2-methylphenol	0.125	0.124	0.8	118	0.00
66 c	n-Nitrosodiphenylamine	0.610	0.568	6.9	112	0.00
67	4-Bromophenyl-phenylether	0.220	0.204	7.3	112	0.00
68	Hexachlorobenzene	0.255	0.236	7.5	114	0.01
69	Atrazine	0.228	0.217	4.8	116	0.00
70 C	Pentachlorophenol	0.161	0.156	3.1	116	0.01
71	Phenanthrene	1.099	1.001	8.9	113	0.01
72	Anthracene	1.122	1.054	6.1	114	0.00
73	Carbazole	1.057	0.981	7.2	114	0.00
74	Di-n-butylphthalate	1.300	1.222	6.0	115	0.02
75 C	Fluoranthene	1.311	1.228	6.3	117	0.02
76 I	Chrysene-d12	1.000	1.000	0.0	118	0.00
77	Benzydine	0.683	0.721	-5.6	88	0.00
78	Pyrene	1.300	1.216	6.5	113	0.01
79 S	Terphenyl-d14	1.093	0.907	17.0	102	0.02
80	Butylbenzylphthalate	0.589	0.566	3.9	115	0.01
81	Benzo(a)anthracene	1.319	1.218	7.7	113	0.00
82	3,3'-Dichlorobenzidine	0.497	0.473	4.8	114	0.01
83	Chrysene	1.235	1.153	6.6	115	0.00
84	Bis(2-ethylhexyl)phthalate	0.867	0.840	3.1	119	0.00
85 c	Di-n-octyl phthalate	1.492	1.414	5.2	115	0.00
86 I	Perylene-d12	1.000	1.000	0.0	117	0.00
87	Indeno(1,2,3-cd)pyrene	1.467	1.361	7.2	113	0.01
88	Benzo(b)fluoranthene	1.179	1.090	7.5	113	0.02
89	Benzo(k)fluoranthene	1.180	1.105	6.4	115	0.01
90 C	Benzo(a)pyrene	1.148	1.066	7.1	113	0.02
91	Dibenzo(a,h)anthracene	1.199	1.123	6.3	114	0.00
92	Benzo(g,h,i)perylene	1.178	1.096	7.0	113	0.03

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025400.D
Acq On : 14 Aug 2025 18:05
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Quant Time: Aug 14 18:24:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 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\BP081425\
 Data File : BP025400.D
 Acq On : 14 Aug 2025 18:05
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP081425

Quant Time: Aug 14 18:24:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 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	110	0.00
2	1,4-Dioxane	40.000	33.792	15.5	99	0.00
3	Pyridine	40.000	35.901	10.2	105	0.00
4	n-Nitrosodimethylamine	40.000	38.115	4.7	109	0.00
5 S	2-Fluorophenol	80.000	69.430	13.2	99	0.00
6	Aniline	40.000	38.147	4.6	108	0.00
7 S	Phenol-d6	80.000	71.663	10.4	101	0.00
8	2-Chlorophenol	40.000	38.501	3.7	110	0.00
9	Benzaldehyde	40.000	34.142	14.6	75	0.00
10 C	Phenol	40.000	38.388	4.0	109	0.00
11	bis(2-Chloroethyl)ether	40.000	38.348	4.1	109	0.00
12	1,3-Dichlorobenzene	40.000	37.738	5.7	108	0.00
13 C	1,4-Dichlorobenzene	40.000	37.890	5.3	109	0.00
14	1,2-Dichlorobenzene	40.000	37.818	5.5	108	0.00
15	Benzyl Alcohol	40.000	39.025	2.4	111	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	38.271	4.3	110	0.00
17	2-Methylphenol	40.000	38.877	2.8	109	0.00
18	Hexachloroethane	40.000	38.103	4.7	109	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	38.270	4.3	109	0.00
20	3+4-Methylphenols	40.000	38.620	3.5	109	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	113	0.00
22	Acetophenone	40.000	38.216	4.5	112	0.00
23 S	Nitrobenzene-d5	80.000	66.391	17.0	97	0.00
24	Nitrobenzene	40.000	37.313	6.7	108	0.00
25	Isophorone	40.000	37.855	5.4	111	0.00
26 C	2-Nitrophenol	40.000	38.722	3.2	110	0.00
27	2,4-Dimethylphenol	40.000	38.910	2.7	111	0.00
28	bis(2-Chloroethoxy)methane	40.000	37.816	5.5	111	0.00
29 C	2,4-Dichlorophenol	40.000	38.649	3.4	111	0.00
30	1,2,4-Trichlorobenzene	40.000	37.231	6.9	109	0.00
31	Naphthalene	40.000	37.431	6.4	110	0.00
32	Benzoic acid	40.000	38.242	4.4	110	0.01
33	4-Chloroaniline	40.000	38.043	4.9	109	0.00
34 C	Hexachlorobutadiene	40.000	37.031	7.4	108	0.00
35	Caprolactam	40.000	38.310	4.2	112	0.00
36 C	4-Chloro-3-methylphenol	40.000	38.789	3.0	113	0.00
37	2-Methylnaphthalene	40.000	37.845	5.4	111	0.00
38	1-Methylnaphthalene	40.000	37.539	6.2	111	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	114	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	37.895	5.3	111	0.00
41 P	Hexachlorocyclopentadiene	40.000	40.074	-0.2	115	0.00
42 S	2,4,6-Tribromophenol	80.000	71.582	10.5	105	0.00
43 C	2,4,6-Trichlorophenol	40.000	38.972	2.6	113	0.00
44	2,4,5-Trichlorophenol	40.000	39.108	2.2	112	0.00
45 S	2-Fluorobiphenyl	80.000	66.016	17.5	99	0.00
46	1,1'-Biphenyl	40.000	37.672	5.8	111	0.00
47	2-Chloronaphthalene	40.000	37.682	5.8	110	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025400.D
 Acq On : 14 Aug 2025 18:05
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP081425

Quant Time: Aug 14 18:24:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 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	39.081	2.3	111	0.00
49	Acenaphthylene	40.000	37.720	5.7	111	0.00
50	Dimethylphthalate	40.000	38.170	4.6	114	0.00
51	2,6-Dinitrotoluene	40.000	39.211	2.0	112	0.00
52 C	Acenaphthene	40.000	36.837	7.9	111	0.00
53	3-Nitroaniline	40.000	40.027	-0.1	116	0.00
54 P	2,4-Dinitrophenol	40.000	41.646	-4.1	120	0.00
55	Dibenzofuran	40.000	37.324	6.7	110	0.00
56 P	4-Nitrophenol	40.000	39.630	0.9	115	0.00
57	2,4-Dinitrotoluene	40.000	40.439	-1.1	116	0.00
58	Fluorene	40.000	36.992	7.5	111	0.01
59	2,3,4,6-Tetrachlorophenol	40.000	39.147	2.1	115	0.00
60	Diethylphthalate	40.000	37.810	5.5	112	0.00
61	4-Chlorophenyl-phenylether	40.000	36.596	8.5	109	0.01
62	4-Nitroaniline	40.000	38.717	3.2	112	0.00
63	Azobenzene	40.000	38.526	3.7	113	0.01
64 I	Phenanthrene-d10	20.000	20.000	0.0	117	0.01
65	4,6-Dinitro-2-methylphenol	40.000	39.721	0.7	118	0.00
66 c	n-Nitrosodiphenylamine	40.000	37.227	6.9	112	0.00
67	4-Bromophenyl-phenylether	40.000	37.101	7.2	112	0.00
68	Hexachlorobenzene	40.000	37.062	7.3	114	0.01
69	Atrazine	40.000	38.057	4.9	116	0.00
70 C	Pentachlorophenol	40.000	38.733	3.2	116	0.01
71	Phenanthrene	40.000	36.445	8.9	113	0.01
72	Anthracene	40.000	37.563	6.1	114	0.00
73	Carbazole	40.000	37.116	7.2	114	0.00
74	Di-n-butylphthalate	40.000	37.602	6.0	115	0.02
75 C	Fluoranthene	40.000	37.481	6.3	117	0.02
76 I	Chrysene-d12	20.000	20.000	0.0	118	0.00
77	Benzydine	40.000	42.271	-5.7	88	0.00
78	Pyrene	40.000	37.404	6.5	113	0.01
79 S	Terphenyl-d14	80.000	66.399	17.0	102	0.02
80	Butylbenzylphthalate	40.000	38.401	4.0	115	0.01
81	Benzo(a)anthracene	40.000	36.950	7.6	113	0.00
82	3,3'-Dichlorobenzidine	40.000	38.038	4.9	114	0.01
83	Chrysene	40.000	37.353	6.6	115	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	38.729	3.2	119	0.00
85 c	Di-n-octyl phthalate	40.000	37.915	5.2	115	0.00
86 I	Perylene-d12	20.000	20.000	0.0	117	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	37.119	7.2	113	0.01
88	Benzo(b)fluoranthene	40.000	36.964	7.6	113	0.02
89	Benzo(k)fluoranthene	40.000	37.464	6.3	115	0.01
90 C	Benzo(a)pyrene	40.000	37.160	7.1	113	0.02
91	Dibenzo(a,h)anthracene	40.000	37.490	6.3	114	0.00
92	Benzo(g,h,i)perylene	40.000	37.216	7.0	113	0.03

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025400.D
Acq On : 14 Aug 2025 18:05
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Quant Time: Aug 14 18:24:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 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>GENV01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2826</u>
Instrument ID:	<u>BNA_F</u>	Calibration Date/Time:	<u>08/13/2025 10:00</u>
Lab File ID:	<u>BF143365.D</u>	Init. Calib. Date(s):	<u>08/12/2025 08/12/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>09:03 12:38</u>
GC Column:	<u>DB-UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.157	1.077		-6.9	
Benzaldehyde	0.980	0.870		-11.2	
Phenol-d6	1.483	1.334		-10.0	
Phenol	1.757	1.609		-8.4	20.0
bis(2-Chloroethyl)ether	1.295	1.200		-7.3	
2-Chlorophenol	1.236	1.195		-3.3	
2-Methylphenol	1.043	0.939		-10.0	
2,2-oxybis(1-Chloropropane)	2.312	2.149		-7.1	
Acetophenone	0.441	0.396		-10.2	
3+4-Methylphenols	1.262	1.144		-9.4	
n-Nitroso-di-n-propylamine	0.916	0.821	0.050	-10.4	
Nitrobenzene-d5	0.321	0.325		1.2	
Hexachloroethane	0.449	0.453		0.9	
Nitrobenzene	0.349	0.338		-3.2	
Isophorone	0.656	0.596		-9.1	
2-Nitrophenol	0.118	0.159		34.7	20.0
2,4-Dimethylphenol	0.274	0.264		-3.7	
bis(2-Chloroethoxy)methane	0.400	0.377		-5.8	
2,4-Dichlorophenol	0.267	0.259		-3.0	20.0
Naphthalene	0.962	0.881		-8.4	
4-Chloroaniline	0.347	0.317		-8.6	
Hexachlorobutadiene	0.175	0.172		-1.7	20.0
Caprolactam	0.075	0.067		-10.7	
4-Chloro-3-methylphenol	0.280	0.261		-6.8	20.0
2-Methylnaphthalene	0.633	0.580		-8.4	
Hexachlorocyclopentadiene	0.158	0.203	0.050	28.5	
2,4,6-Trichlorophenol	0.311	0.302		-2.9	20.0
2-Fluorobiphenyl	1.179	1.063		-9.8	
2,4,5-Trichlorophenol	0.351	0.334		-4.8	
1,1-Biphenyl	1.414	1.295		-8.4	
2-Chloronaphthalene	1.114	1.020		-8.4	
2-Nitroaniline	0.284	0.317		11.6	
Dimethylphthalate	1.169	1.088		-6.9	
Acenaphthylene	1.608	1.448		-9.9	
2,6-Dinitrotoluene	0.193	0.227		17.6	
3-Nitroaniline	0.239	0.251		5.0	
Acenaphthene	1.069	0.988		-7.6	20.0
2,4-Dinitrophenol	0.065	0.087	0.050	33.8	
4-Nitrophenol	0.163	0.169	0.050	3.7	



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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: GENV01
 Lab Code: ACE SDG No.: Q2826
 Instrument ID: BNA_F Calibration Date/Time: 08/13/2025 10:00
 Lab File ID: BF143365.D Init. Calib. Date(s): 08/12/2025 08/12/2025
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:03 12:38
 GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.539	1.391		-9.6	
2,4-Dinitrotoluene	0.256	0.301		17.6	
Diethylphthalate	1.047	0.995		-5.0	
4-Chlorophenyl-phenylether	0.568	0.526		-7.4	
Fluorene	1.175	1.049		-10.7	
4-Nitroaniline	0.232	0.220		-5.2	
4,6-Dinitro-2-methylphenol	0.069	0.092		33.3	
n-Nitrosodiphenylamine	0.659	0.614		-6.8	20.0
2,4,6-Tribromophenol	0.146	0.155		6.2	
4-Bromophenyl-phenylether	0.229	0.225		-1.7	
Hexachlorobenzene	0.247	0.235		-4.9	
Atrazine	0.172	0.162		-5.8	
Pentachlorophenol	0.101	0.184		82.2	20.0
Phenanthrene	1.091	0.981		-10.1	
Anthracene	1.107	1.018		-8.0	
Carbazole	0.942	0.812		-13.8	
Di-n-butylphthalate	0.798	0.842		5.5	
Fluoranthene	0.956	0.844		-11.7	20.0
Pyrene	1.678	1.460		-13.0	
Terphenyl-d14	1.120	1.033		-7.8	
Butylbenzylphthalate	0.284	0.450		58.5	
3,3-Dichlorobenzidine	0.343	0.378		10.2	
Benzo (a) anthracene	1.271	1.152		-9.4	
Chrysene	1.185	1.104		-6.8	
Bis(2-ethylhexyl)phthalate	0.403	0.722		79.2	
Di-n-octyl phthalate	0.860	1.370		59.3	20.0
Benzo (b) fluoranthene	1.094	1.067		-2.5	
Benzo (k) fluoranthene	1.063	0.958		-9.9	
Benzo (a) pyrene	1.030	0.955		-7.3	20.0
Indeno (1,2,3-cd) pyrene	1.433	1.348		-5.9	
Dibenzo (a,h) anthracene	1.145	1.104		-3.6	
Benzo (g,h,i) perylene	1.153	1.041		-9.7	
1,2,4,5-Tetrachlorobenzene	0.547	0.517		-5.5	
1,4-Dioxane	0.598	0.537		-10.2	20.0
2,3,4,6-Tetrachlorophenol	0.236	0.251		6.4	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
 Data File : BF143365.D
 Acq On : 13 Aug 2025 10:00
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 13 11:48:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 12 13:25:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	155874	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	589243	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	314886	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	455320	20.000	ng	0.00
76) Chrysene-d12	14.092	240	268507	20.000	ng	0.00
86) Perylene-d12	15.580	264	321267	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	671415	74.486	ng	0.00
7) Phenol-d6	6.563	99	832051	71.982	ng	0.00
23) Nitrobenzene-d5	7.492	82	765414	80.892	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	195089	84.775	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	1338604	72.088	ng	0.00
79) Terphenyl-d14	13.027	244	1109838	73.795	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	167561	35.924	ng	98
3) Pyridine	3.522	79	453743	36.505	ng	99
4) n-Nitrosodimethylamine	3.457	42	208030	35.930	ng	98
6) Aniline	6.592	93	578987	35.529	ng	99
8) 2-Chlorophenol	6.722	128	372513	38.676	ng	96
9) Benzaldehyde	6.481	77	271283	35.508	ng	99
10) Phenol	6.575	94	501602	36.630	ng	99
11) bis(2-Chloroethyl)ether	6.663	93	374208	37.079	ng	99
12) 1,3-Dichlorobenzene	6.875	146	403279	36.300	ng	99
13) 1,4-Dichlorobenzene	6.951	146	410171	36.786	ng	99
14) 1,2-Dichlorobenzene	7.104	146	388134	36.671	ng	99
15) Benzyl Alcohol	7.069	79	312677	37.736	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	669891	37.180	ng	99
17) 2-Methylphenol	7.181	107	292841	36.019	ng	100
18) Hexachloroethane	7.445	117	141162	40.381	ng	97
19) n-Nitroso-di-n-propyla...	7.339	70	255903	35.828	ng	99
20) 3+4-Methylphenols	7.334	107	356538	36.261	ng	98
22) Acetophenone	7.334	105	466722	35.949	ng	99
24) Nitrobenzene	7.510	77	398446	38.773	ng	98
25) Isophorone	7.745	82	702757	36.381	ng	98
26) 2-Nitrophenol	7.828	139	187613	45.743	ng	98
27) 2,4-Dimethylphenol	7.863	122	311198	38.616	ng	100
28) bis(2-Chloroethoxy)met...	7.957	93	444549	37.694	ng	100
29) 2,4-Dichlorophenol	8.069	162	304868	38.733	ng	100
30) 1,2,4-Trichlorobenzene	8.151	180	314199	37.843	ng	99
31) Naphthalene	8.233	128	1038756	36.636	ng	100
32) Benzoic acid	7.969	122	153094	44.806	ng	98
33) 4-Chloroaniline	8.281	127	373044	36.478	ng	99
34) Hexachlorobutadiene	8.351	225	202244	39.158	ng	100
35) Caprolactam	8.639	113	78907	35.661	ng	96
36) 4-Chloro-3-methylphenol	8.757	107	307883	37.312	ng	99
37) 2-Methylnaphthalene	8.922	142	684082	36.699	ng	99
38) 1-Methylnaphthalene	9.022	142	657684	36.634	ng	100
40) 1,2,4,5-Tetrachloroben...	9.092	216	325394	37.763	ng	100
41) Hexachlorocyclopentadiene	9.080	237	127734	45.170	ng	100
43) 2,4,6-Trichlorophenol	9.204	196	189921	38.847	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
 Data File : BF143365.D
 Acq On : 13 Aug 2025 10:00
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 13 11:48:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 12 13:25:39 2025
 Response via : Initial Calibration

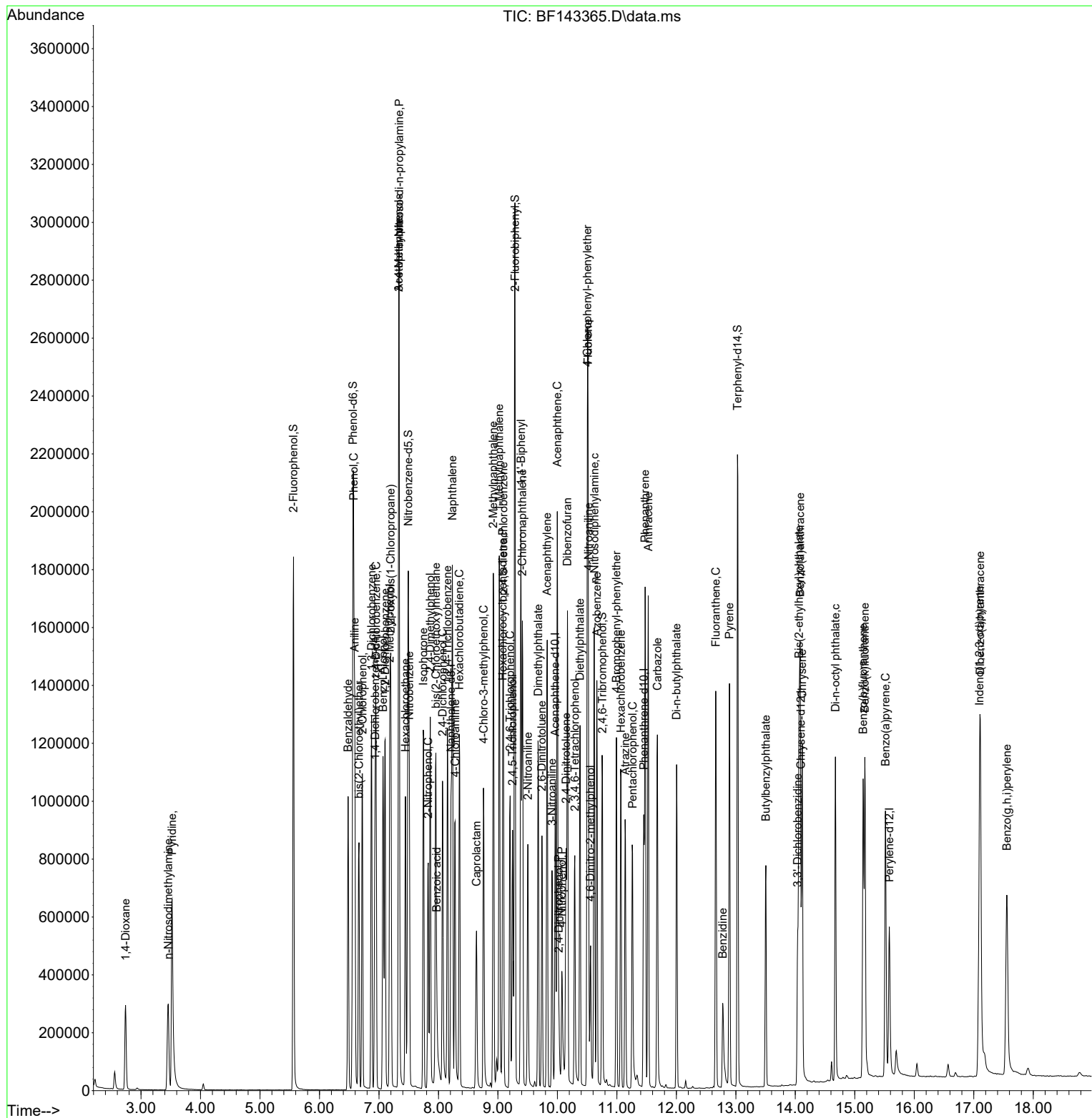
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	210414	38.112	ng	99
46) 1,1'-Biphenyl	9.386	154	815422	36.625	ng	100
47) 2-Chloronaphthalene	9.410	162	642420	36.637	ng	99
48) 2-Nitroaniline	9.504	65	199781	39.994	ng	99
49) Acenaphthylene	9.827	152	912085	36.019	ng	99
50) Dimethylphthalate	9.675	163	684989	37.229	ng	100
51) 2,6-Dinitrotoluene	9.739	165	143121	41.532	ng	98
52) Acenaphthene	9.998	154	622352	36.969	ng	99
53) 3-Nitroaniline	9.910	138	158044	41.943	ng	100
54) 2,4-Dinitrophenol	10.022	184	54988	47.847	ng	88
55) Dibenzofuran	10.169	168	876245	36.166	ng	99
56) 4-Nitrophenol	10.075	139	106466	38.411	ng	98
57) 2,4-Dinitrotoluene	10.145	165	189595	41.474	ng	93
58) Fluorene	10.516	166	660928	35.714	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.292	232	157931	42.436	ng	98
60) Diethylphthalate	10.380	149	626496	38.014	ng	99
61) 4-Chlorophenyl-phenyle...	10.504	204	331103	37.027	ng	98
62) 4-Nitroaniline	10.522	138	138449	37.977	ng	98
63) Azobenzene	10.663	77	682418	36.252	ng	99
65) 4,6-Dinitro-2-methylph...	10.557	198	83546	45.753	ng	96
66) n-Nitrosodiphenylamine	10.622	169	558749	37.268	ng	100
67) 4-Bromophenyl-phenylether	10.992	248	204482	39.268	ng	97
68) Hexachlorobenzene	11.069	284	214247	38.169	ng	97
69) Atrazine	11.139	200	147197	37.642	ng	98
70) Pentachlorophenol	11.263	266	167836	62.487	ng	97
71) Phenanthrene	11.474	178	893088	35.951	ng	100
72) Anthracene	11.527	178	926945	36.793	ng	99
73) Carbazole	11.680	167	739655	34.473	ng	99
74) Di-n-butylphthalate	12.004	149	766597	42.222	ng	100
75) Fluoranthene	12.663	202	768327	35.308	ng	100
77) Benzidine	12.780	184	248352	33.832	ng	99
78) Pyrene	12.892	202	784051	34.808	ng	100
80) Butylbenzylphthalate	13.504	149	241746	53.869	ng	97
81) Benzo(a)anthracene	14.080	228	618813	36.260	ng	100
82) 3,3'-Dichlorobenzidine	14.039	252	203149	44.084	ng	98
83) Chrysene	14.115	228	593023	37.266	ng	99
84) Bis(2-ethylhexyl)phtha...	14.062	149	387949	58.318	ng	99
85) Di-n-octyl phthalate	14.674	149	735485	55.364	ng	97
87) Indeno(1,2,3-cd)pyrene	17.098	276	866144	37.631	ng	100
88) Benzo(b)fluoranthene	15.139	252	685407	39.006	ng	99
89) Benzo(k)fluoranthene	15.168	252	615365	36.040	ng	99
90) Benzo(a)pyrene	15.515	252	613881	37.093	ng	99
91) Dibenzo(a,h)anthracene	17.109	278	709428	38.581	ng	99
92) Benzo(g,h,i)perylene	17.556	276	669117	36.122	ng	99

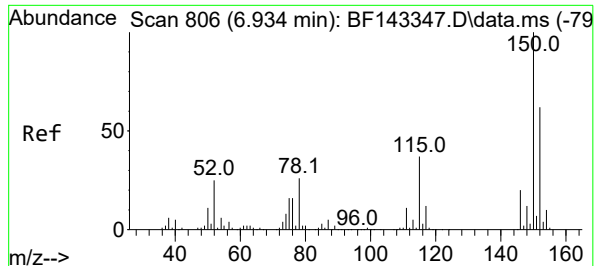
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF143365.D
Acq On : 13 Aug 2025 10:00
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Aug 13 11:48:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 2025
Response via : Initial Calibration

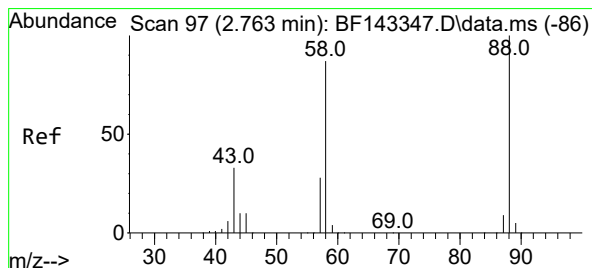
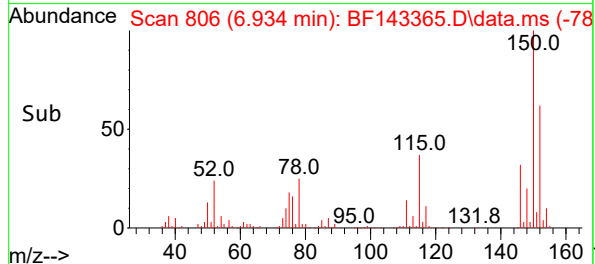
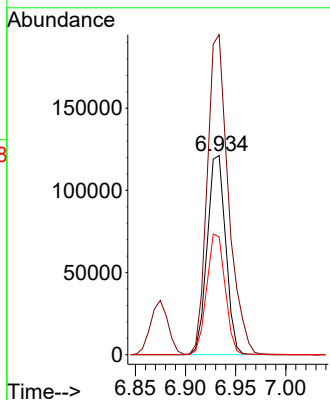
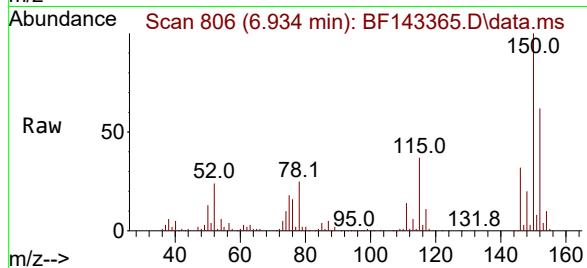




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.934 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

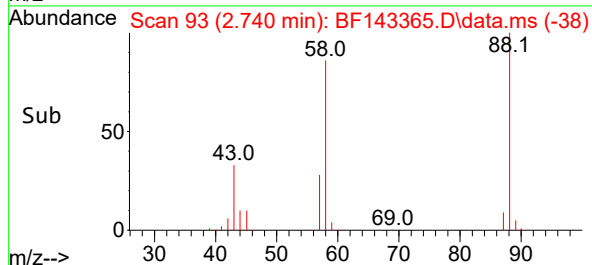
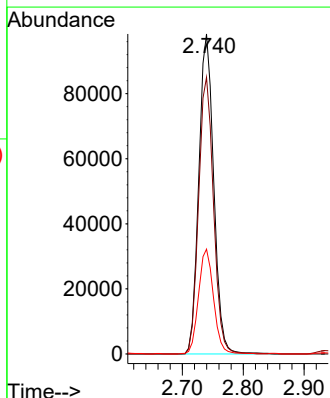
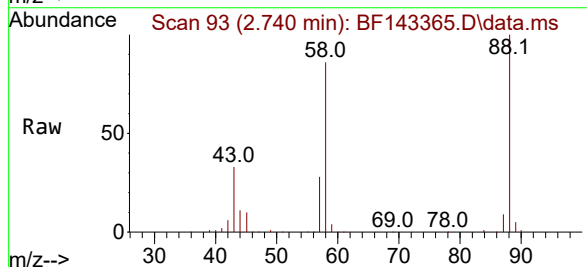
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

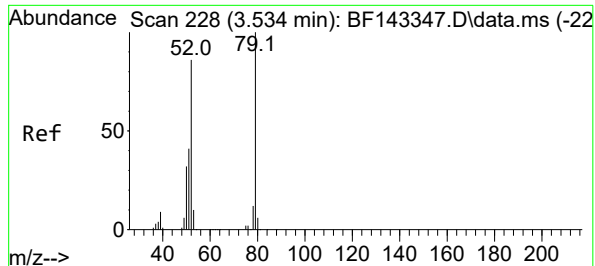
Tgt Ion:152 Resp: 155874
Ion Ratio Lower Upper
152 100
150 160.6 129.8 194.8
115 59.1 47.8 71.8



#2
1,4-Dioxane
Concen: 35.924 ng
RT: 2.740 min Scan# 93
Delta R.T. -0.024 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Tgt Ion: 88 Resp: 167561
Ion Ratio Lower Upper
88 100
58 86.4 71.0 106.6
43 33.1 27.0 40.6

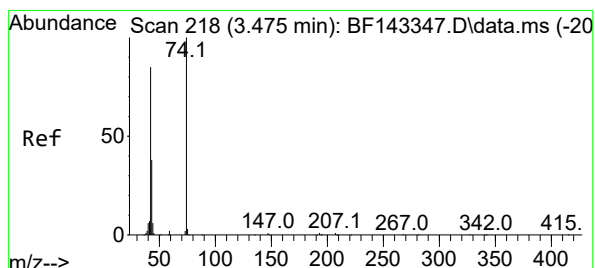
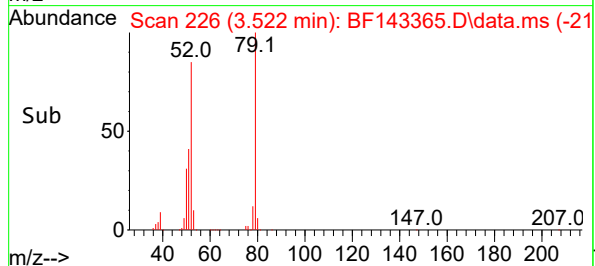
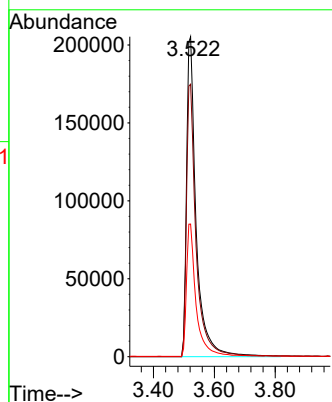
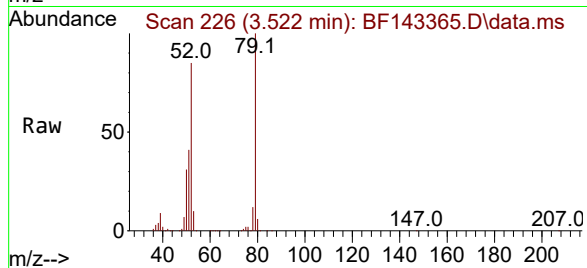




#3
Pyridine
Concen: 36.505 ng
RT: 3.522 min Scan# 215
Delta R.T. -0.012 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

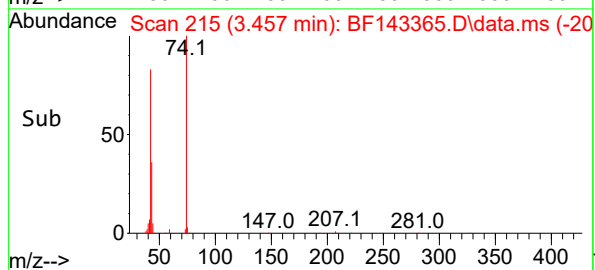
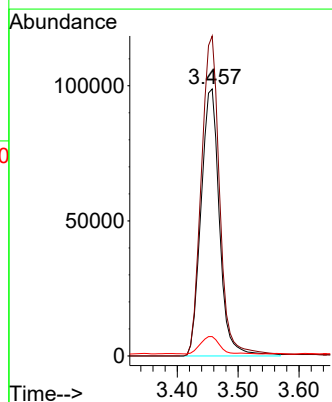
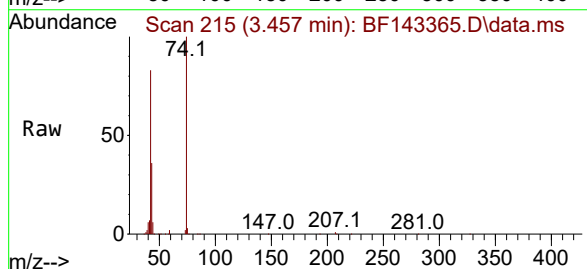
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BNA_F
ClientSampleId :
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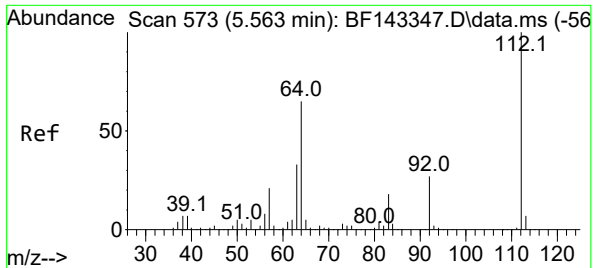
Tgt Ion: 79 Resp: 453743
Ion Ratio Lower Upper
79 100
52 85.2 68.7 103.1
51 41.5 33.4 50.0



#4
n-Nitrosodimethylamine
Concen: 35.930 ng
RT: 3.457 min Scan# 215
Delta R.T. -0.018 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Tgt Ion: 42 Resp: 208030
Ion Ratio Lower Upper
42 100
74 119.8 94.1 141.1
44 7.2 6.5 9.7

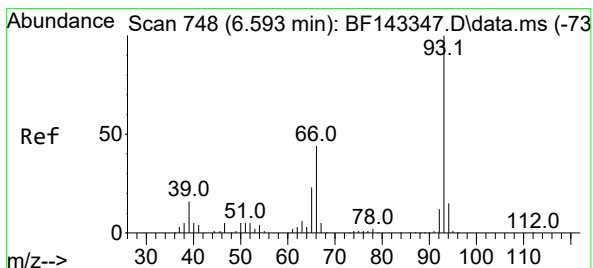
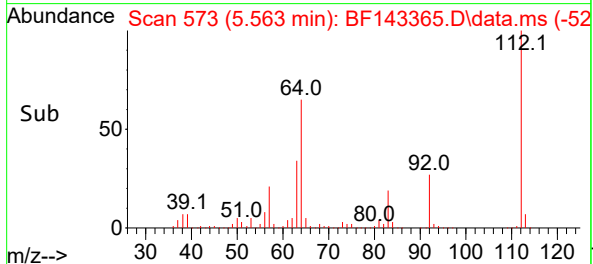
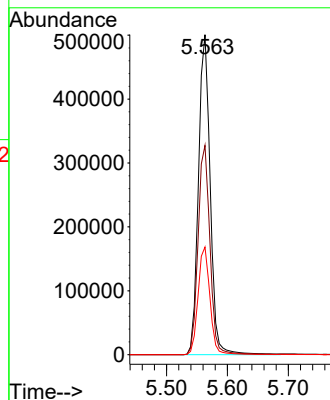
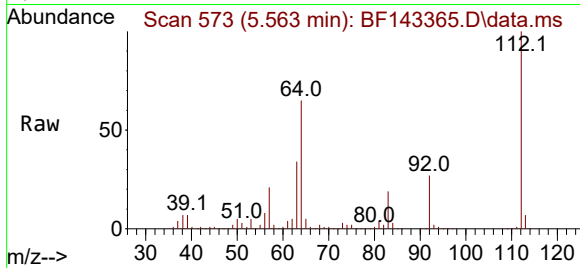




#5
2-Fluorophenol
Concen: 74.486 ng
RT: 5.563 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

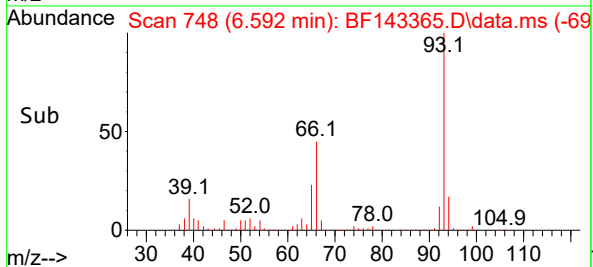
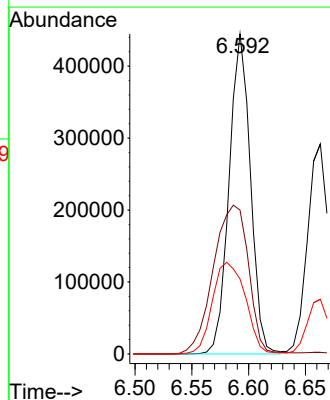
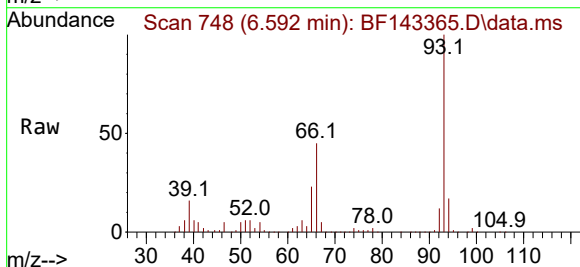
Instrument :
BNA_F
ClientSampleId :
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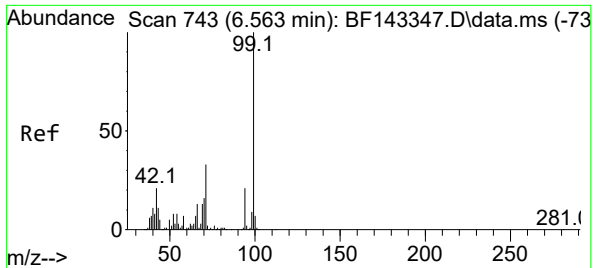
Tgt Ion:112 Resp: 671415
Ion Ratio Lower Upper
112 100
64 65.4 52.1 78.1
63 33.7 26.6 39.8



#6
Aniline
Concen: 35.529 ng
RT: 6.592 min Scan# 748
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Tgt Ion: 93 Resp: 578987
Ion Ratio Lower Upper
93 100
66 45.0 35.3 52.9
65 23.4 18.2 27.4

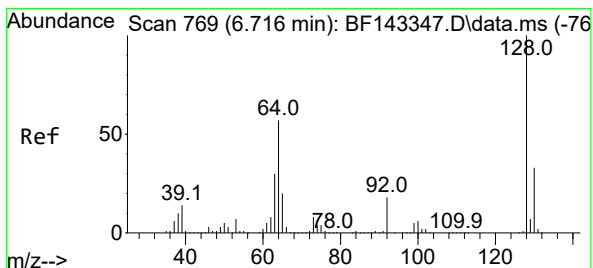
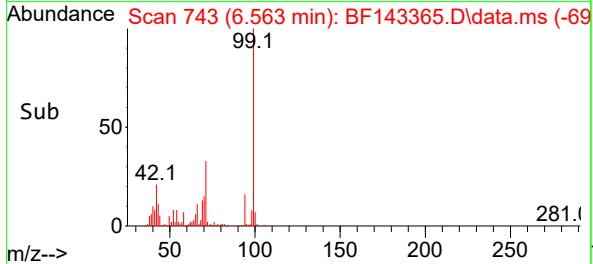
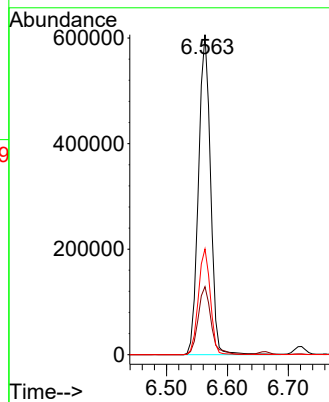
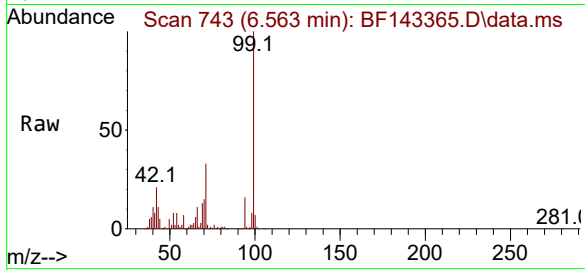




#7
Phenol-d6
Concen: 71.982 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

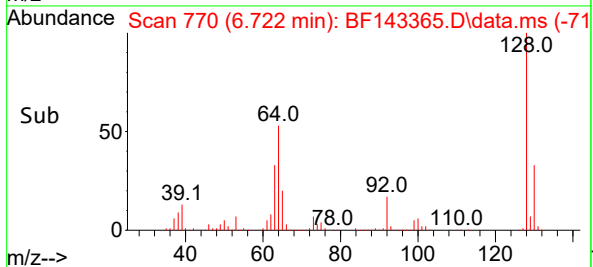
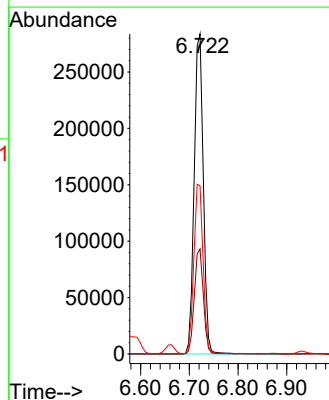
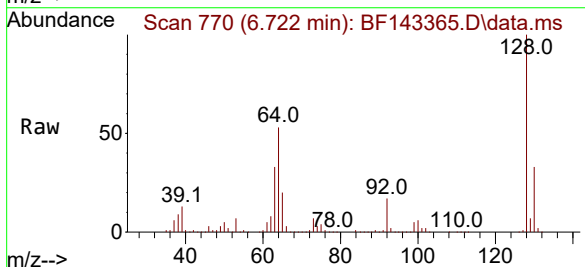
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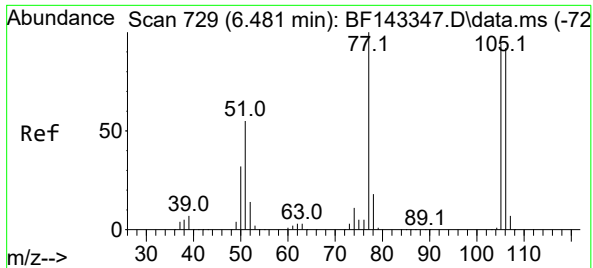
Tgt Ion: 99 Resp: 832051
Ion Ratio Lower Upper
99 100
42 21.2 16.6 25.0
71 33.0 26.2 39.2



#8
2-Chlorophenol
Concen: 38.676 ng
RT: 6.722 min Scan# 770
Delta R.T. 0.006 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Tgt Ion: 128 Resp: 372513
Ion Ratio Lower Upper
128 100
130 32.8 12.6 52.6
64 52.5 36.7 76.7

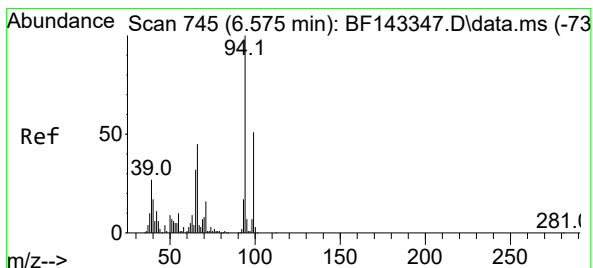
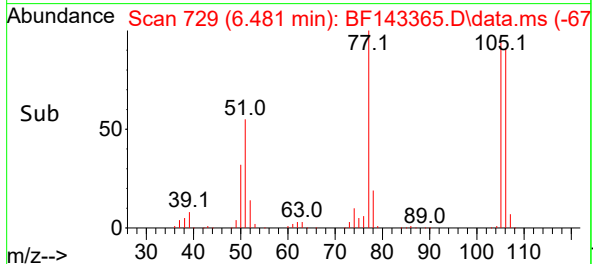
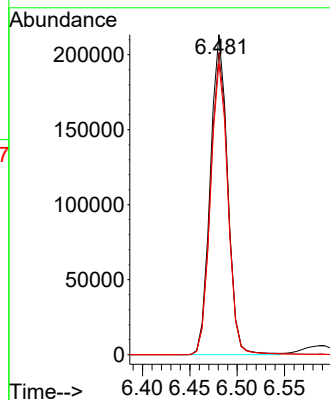
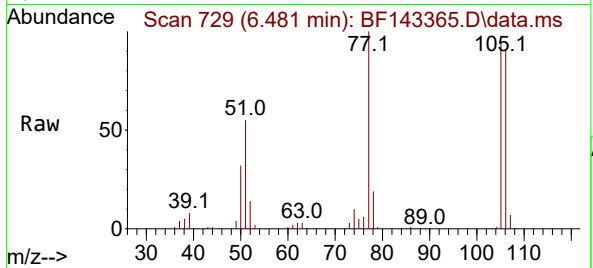




#9
Benzaldehyde
Concen: 35.508 ng
RT: 6.481 min Scan# 729
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

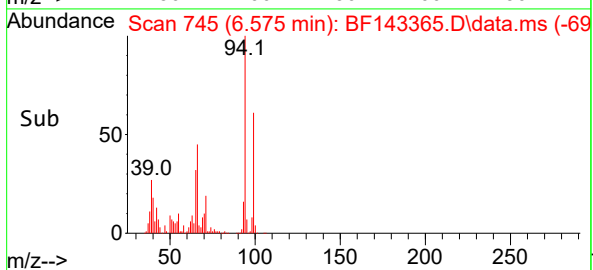
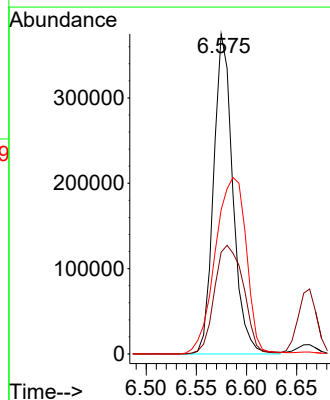
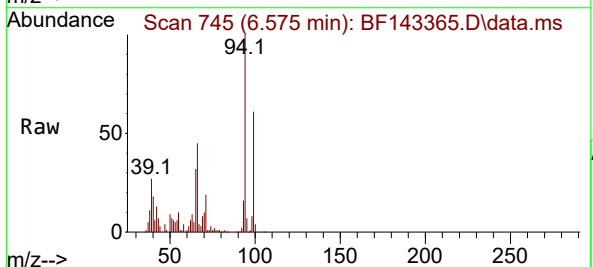
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ClientSampleId :
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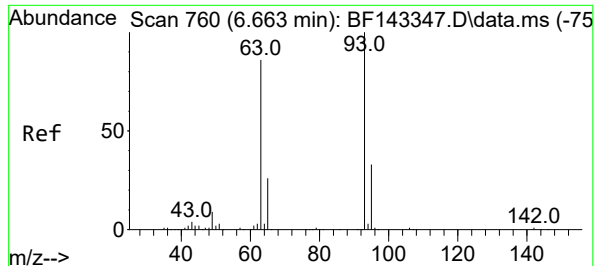
Tgt Ion: 77 Resp: 271283
Ion Ratio Lower Upper
77 100
105 94.4 74.2 114.2
106 91.0 72.2 112.2



#10
Phenol
Concen: 36.630 ng
RT: 6.575 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Tgt Ion: 94 Resp: 501602
Ion Ratio Lower Upper
94 100
65 31.8 12.0 52.0
66 45.1 25.6 65.6

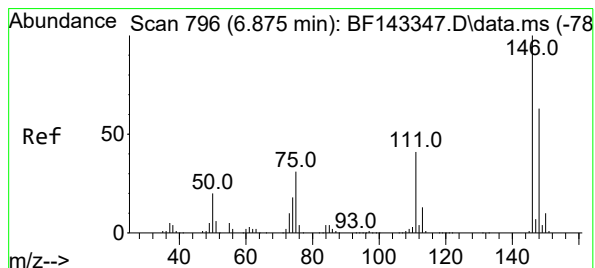
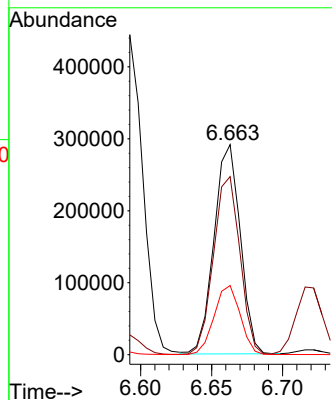
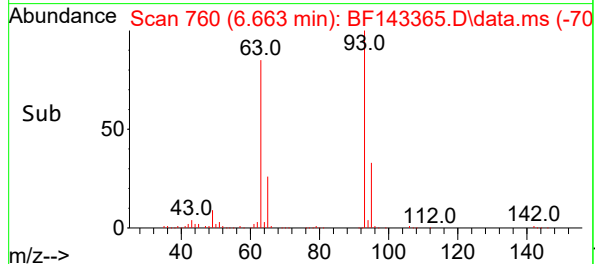
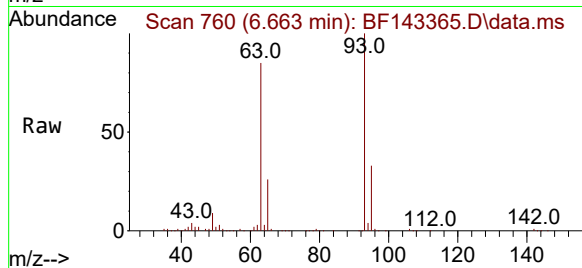




#11
bis(2-Chloroethyl)ether
Concen: 37.079 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

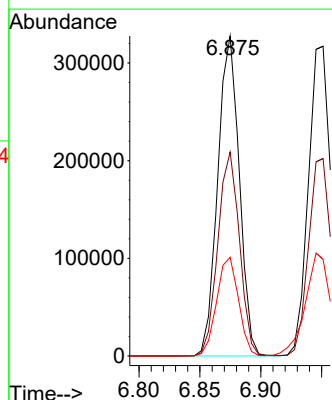
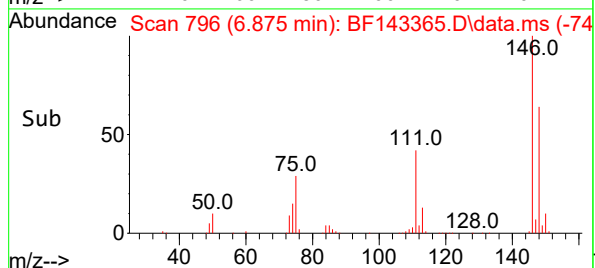
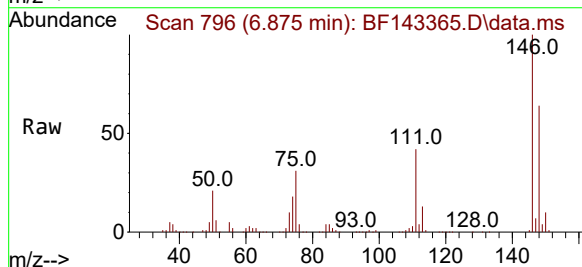
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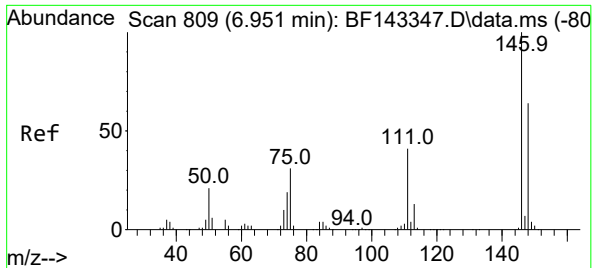
Tgt Ion: 93 Resp: 374208
Ion Ratio Lower Upper
93 100
63 84.8 65.7 105.7
95 32.9 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 36.300 ng
RT: 6.875 min Scan# 796
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Tgt Ion: 146 Resp: 403279
Ion Ratio Lower Upper
146 100
148 63.7 50.5 75.7
75 30.9 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 36.786 ng

RT: 6.951 min Scan# 809

Delta R.T. -0.000 min

Lab File: BF143365.D

Acq: 13 Aug 2025 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

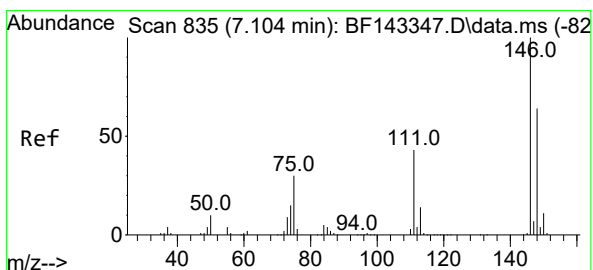
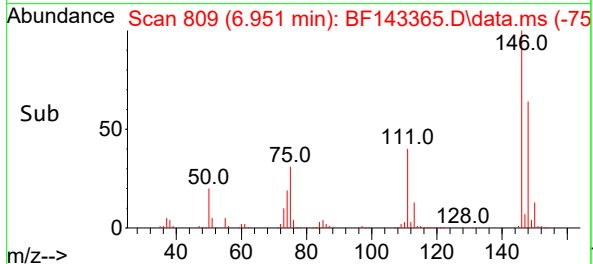
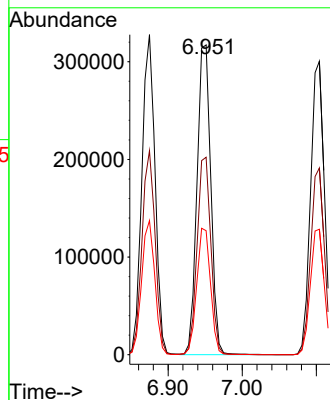
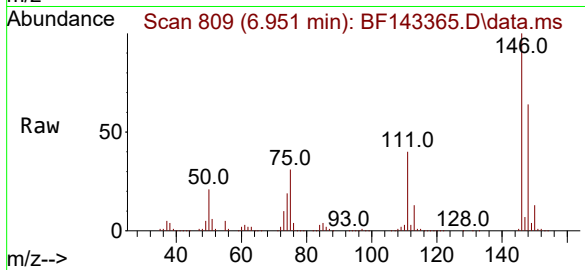
Tgt Ion:146 Resp: 410171

Ion Ratio Lower Upper

146 100

148 63.7 51.4 77.0

111 40.0 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 36.671 ng

RT: 7.104 min Scan# 835

Delta R.T. -0.000 min

Lab File: BF143365.D

Acq: 13 Aug 2025 10:00

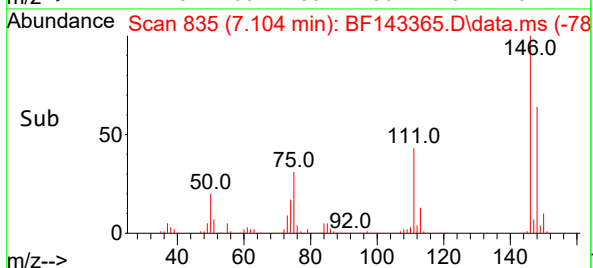
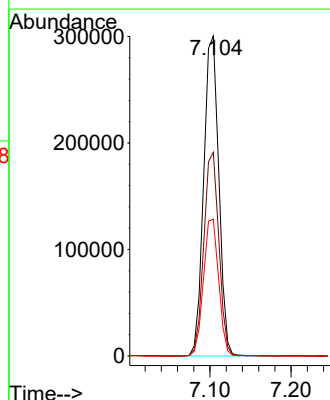
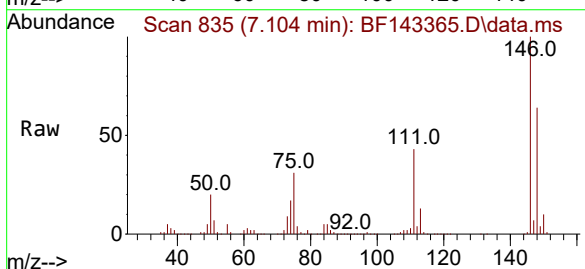
Tgt Ion:146 Resp: 388134

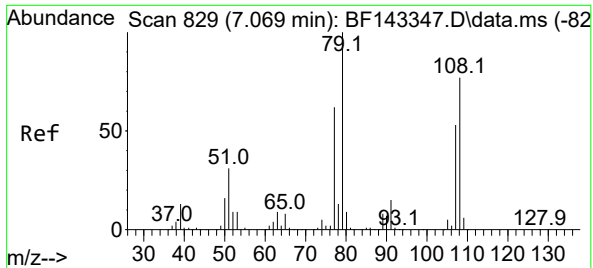
Ion Ratio Lower Upper

146 100

148 63.6 51.4 77.2

111 42.8 34.1 51.1





#15

Benzyl Alcohol

Concen: 37.736 ng

RT: 7.069 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF143365.D

Acq: 13 Aug 2025 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

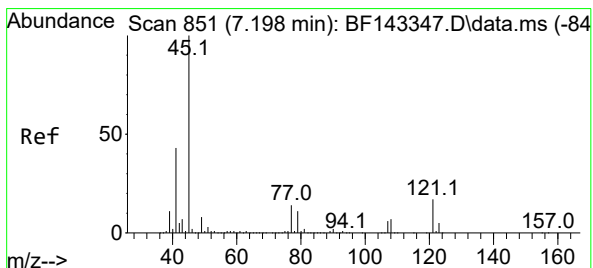
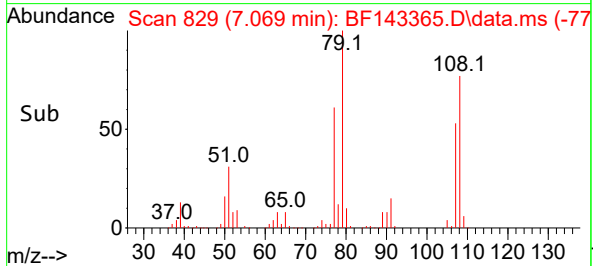
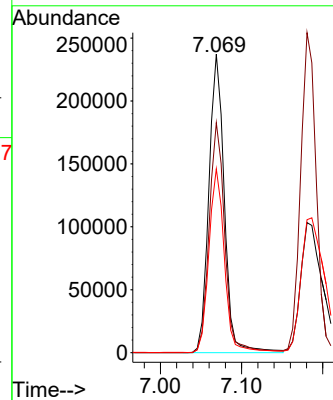
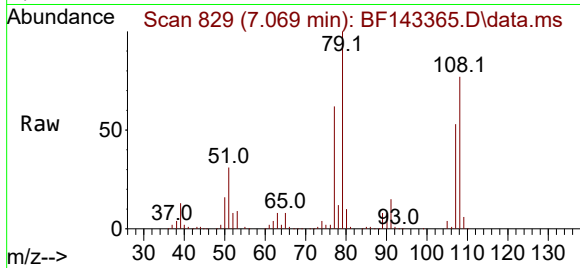
Tgt Ion: 79 Resp: 312677

Ion Ratio Lower Upper

79 100

108 77.0 61.5 92.3

77 61.6 49.8 74.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.180 ng

RT: 7.198 min Scan# 851

Delta R.T. -0.000 min

Lab File: BF143365.D

Acq: 13 Aug 2025 10:00

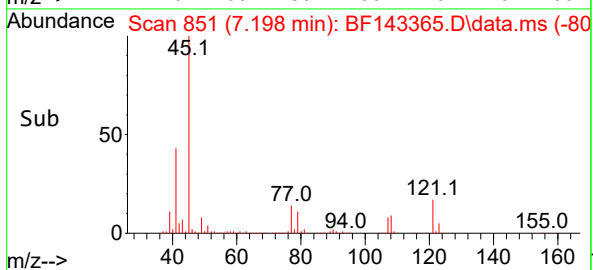
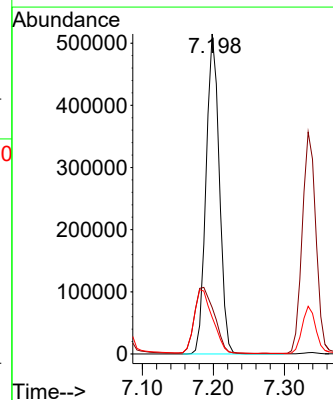
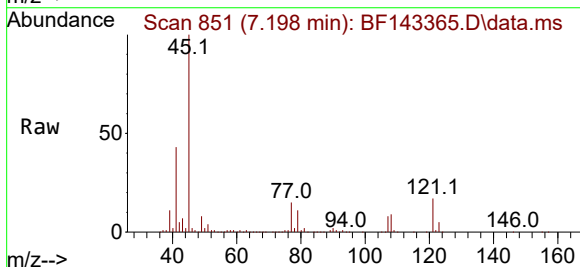
Tgt Ion: 45 Resp: 669891

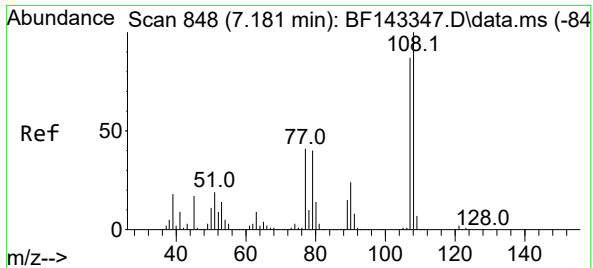
Ion Ratio Lower Upper

45 100

77 14.5 0.0 34.0

79 11.5 0.0 31.1

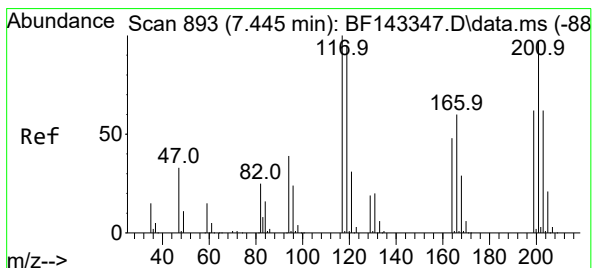
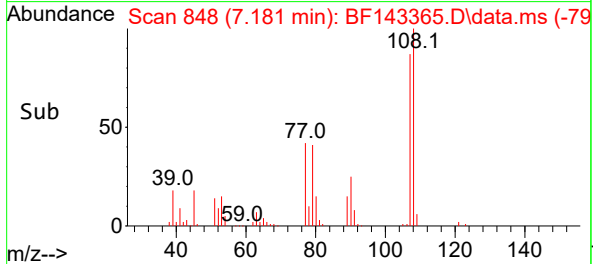
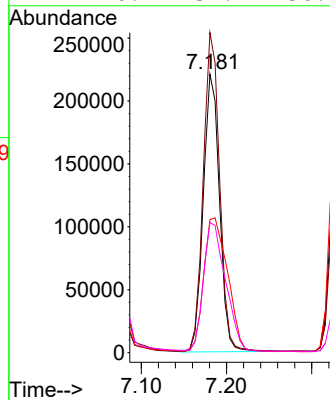
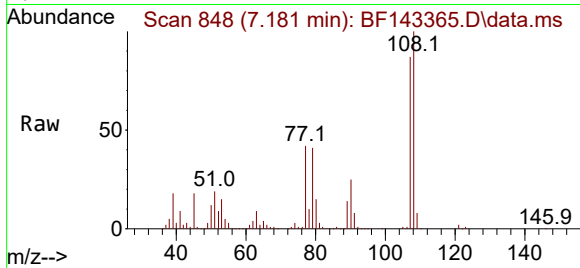




#17
2-Methylphenol
Concen: 36.019 ng
RT: 7.181 min Scan# 848
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

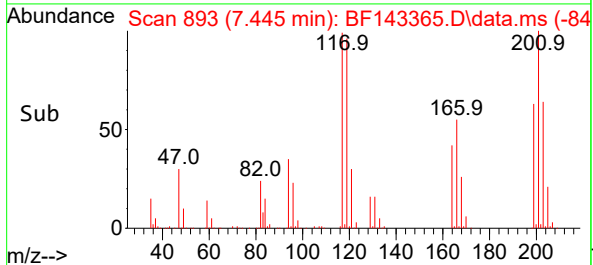
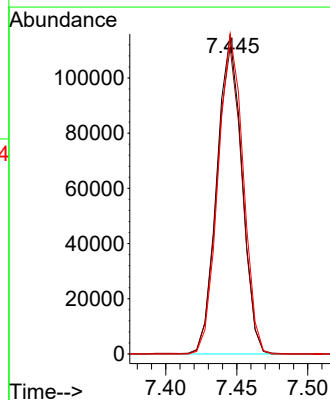
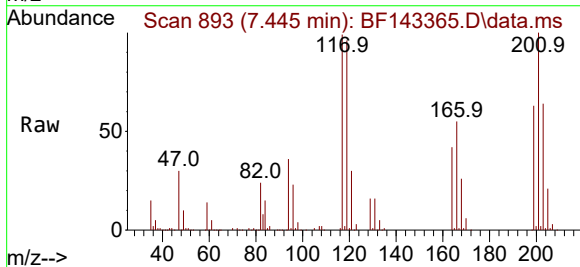
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

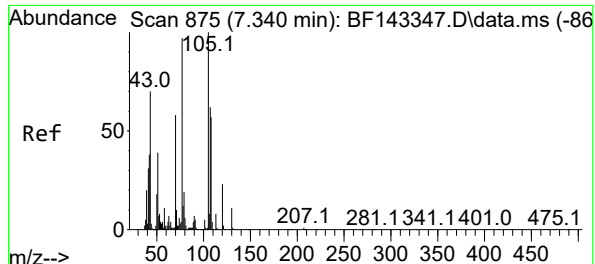
Tgt Ion:107 Resp: 292841
Ion Ratio Lower Upper
107 100
108 114.9 92.0 138.0
77 47.7 38.2 57.2
79 46.7 37.9 56.9



#18
Hexachloroethane
Concen: 40.381 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Tgt Ion:117 Resp: 141162
Ion Ratio Lower Upper
117 100
119 96.4 75.8 113.8
201 100.7 77.2 115.8





#19

n-Nitroso-di-n-propylamine

Concen: 35.828 ng

RT: 7.339 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF143365.D

Acq: 13 Aug 2025 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 255903

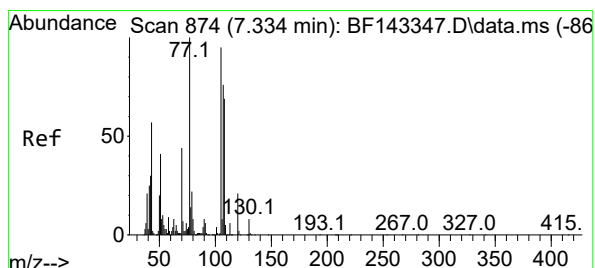
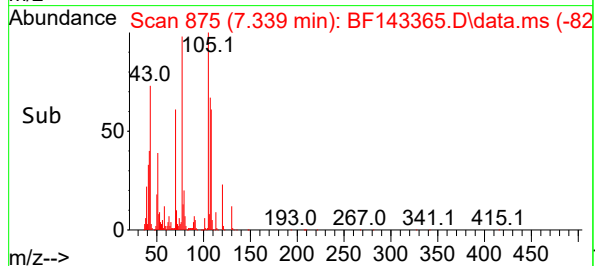
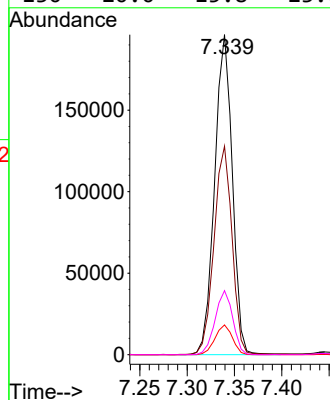
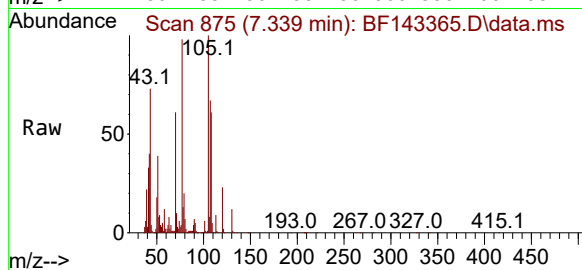
Ion Ratio Lower Upper

70 100

42 65.2 51.6 77.4

101 9.3 7.5 11.3

130 20.0 15.8 23.6



#20

3+4-Methylphenols

Concen: 36.261 ng

RT: 7.334 min Scan# 874

Delta R.T. -0.000 min

Lab File: BF143365.D

Acq: 13 Aug 2025 10:00

Tgt Ion: 107 Resp: 356538

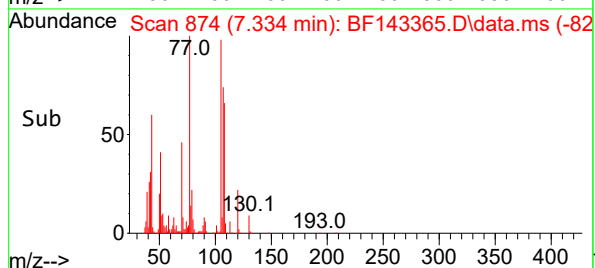
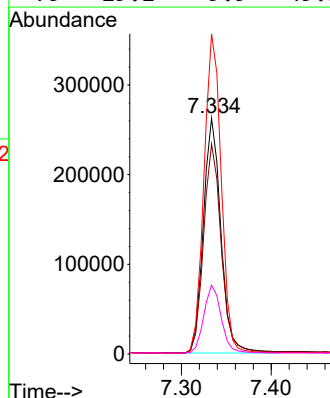
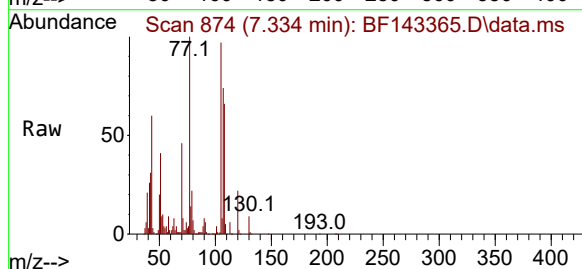
Ion Ratio Lower Upper

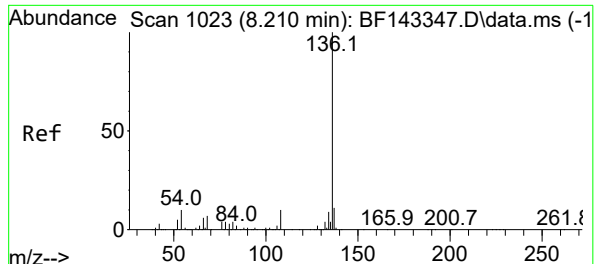
107 100

108 89.0 70.6 110.6

77 135.7 112.0 152.0

79 29.2 9.9 49.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.210 min Scan# 1023

Delta R.T. -0.000 min

Lab File: BF143365.D

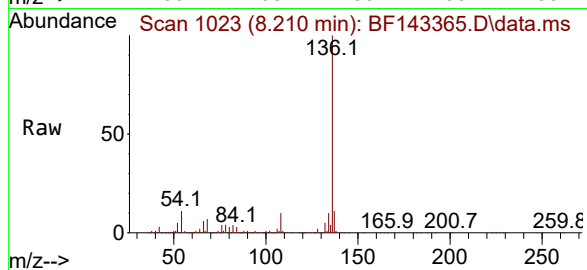
Acq: 13 Aug 2025 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:136 Resp: 589243

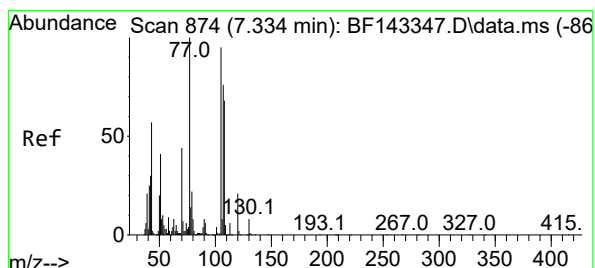
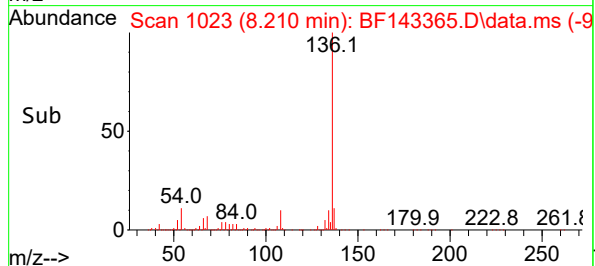
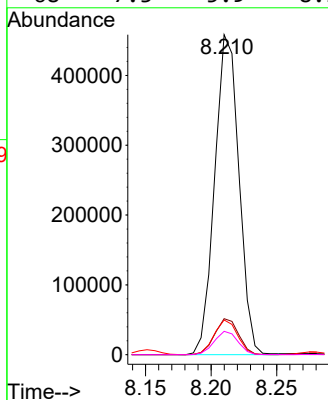
Ion Ratio Lower Upper

136 100

137 11.2 8.6 13.0

54 10.8 8.4 12.6

68 7.3 5.9 8.9



#22

Acetophenone

Concen: 35.949 ng

RT: 7.334 min Scan# 874

Delta R.T. -0.000 min

Lab File: BF143365.D

Acq: 13 Aug 2025 10:00

Tgt Ion:105 Resp: 466722

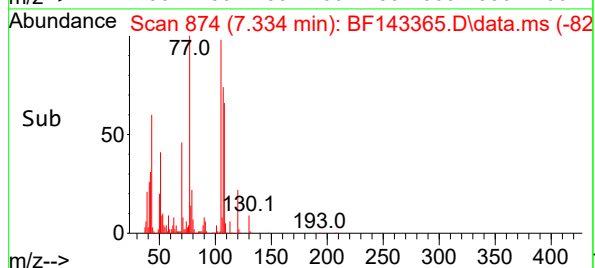
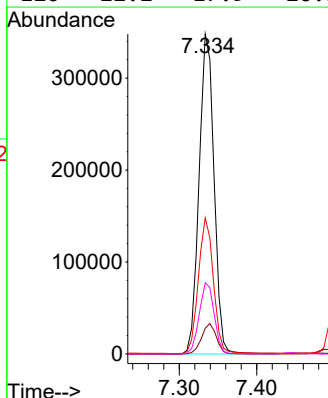
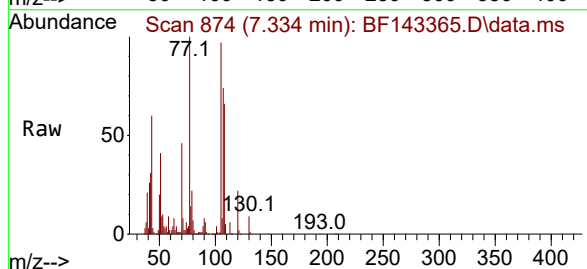
Ion Ratio Lower Upper

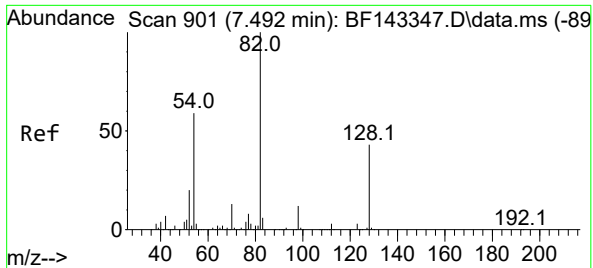
105 100

71 8.0 6.2 9.4

51 42.5 34.8 52.2

120 22.2 17.9 26.9





#23

Nitrobenzene-d5

Concen: 80.892 ng

RT: 7.492 min Scan# 901

Delta R.T. -0.000 min

Lab File: BF143365.D

Acq: 13 Aug 2025 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

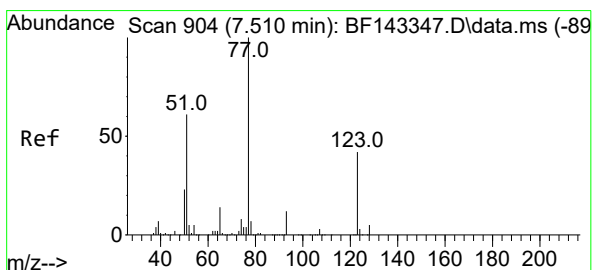
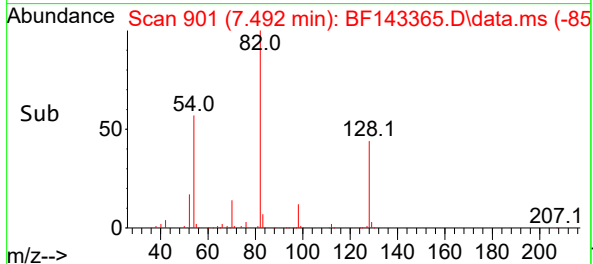
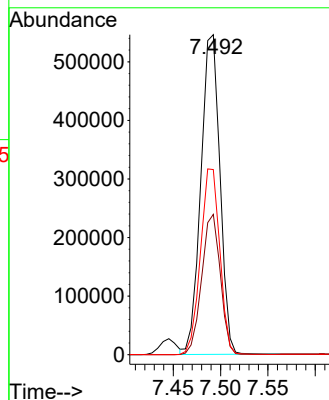
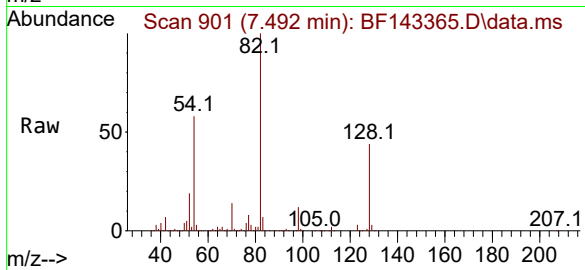
Tgt Ion: 82 Resp: 765414

Ion Ratio Lower Upper

82 100

128 43.9 33.5 50.3

54 57.8 46.7 70.1



#24

Nitrobenzene

Concen: 38.773 ng

RT: 7.510 min Scan# 904

Delta R.T. -0.000 min

Lab File: BF143365.D

Acq: 13 Aug 2025 10:00

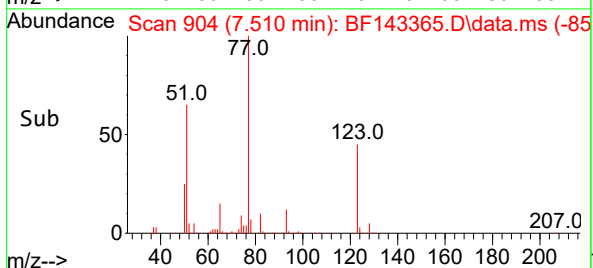
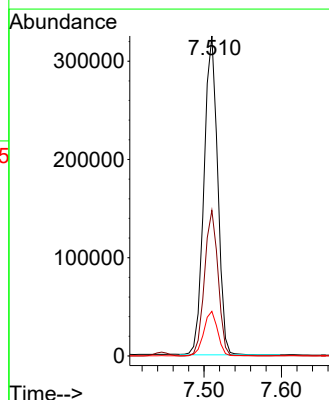
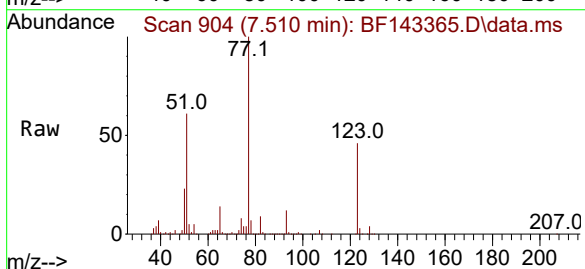
Tgt Ion: 77 Resp: 398446

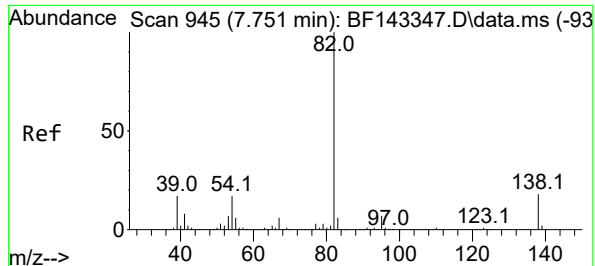
Ion Ratio Lower Upper

77 100

123 45.5 34.8 52.2

65 14.0 11.0 16.6





#25

Isophorone

Concen: 36.381 ng

RT: 7.745 min Scan# 944

Delta R.T. -0.006 min

Lab File: BF143365.D

Acq: 13 Aug 2025 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

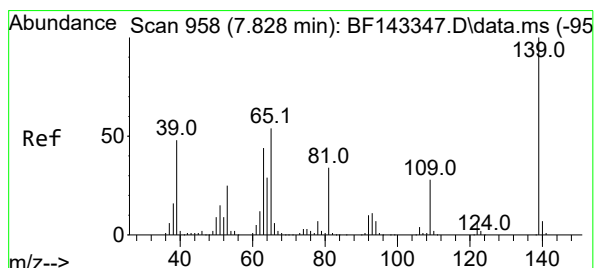
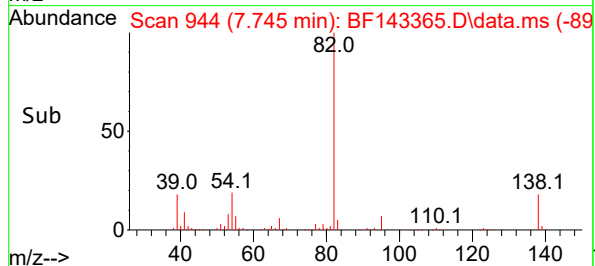
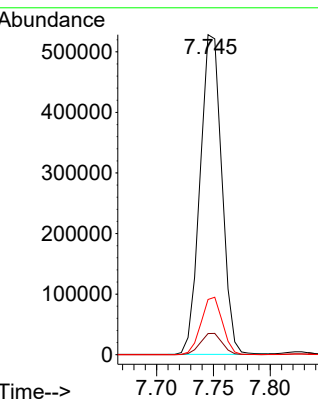
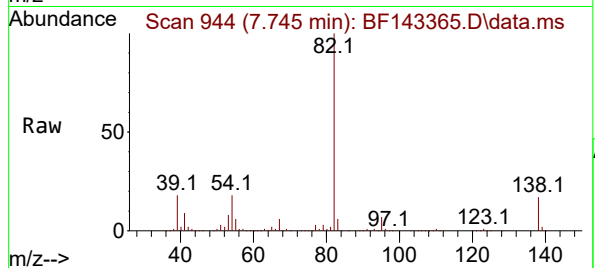
Tgt Ion: 82 Resp: 702757

Ion Ratio Lower Upper

82 100

95 6.6 5.5 8.3

138 17.3 14.6 21.8



#26

2-Nitrophenol

Concen: 45.743 ng

RT: 7.828 min Scan# 958

Delta R.T. -0.000 min

Lab File: BF143365.D

Acq: 13 Aug 2025 10:00

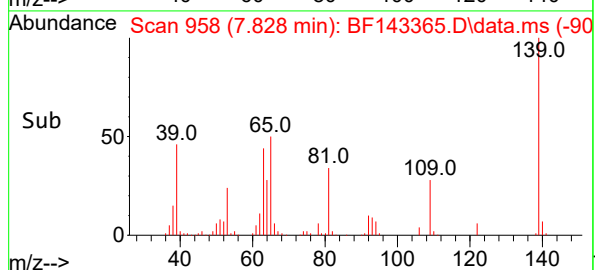
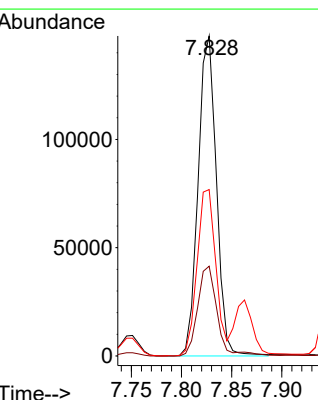
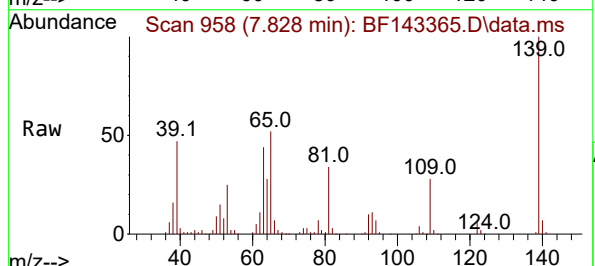
Tgt Ion:139 Resp: 187613

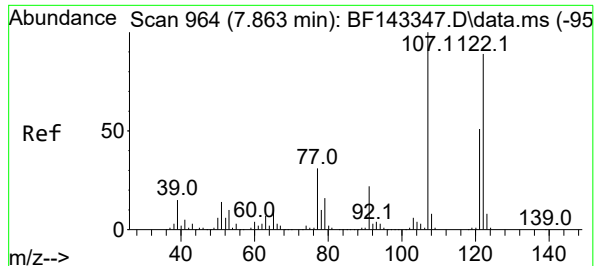
Ion Ratio Lower Upper

139 100

109 28.0 22.4 33.6

65 52.0 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 38.616 ng

RT: 7.863 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF143365.D

Acq: 13 Aug 2025 10:00

Instrument :

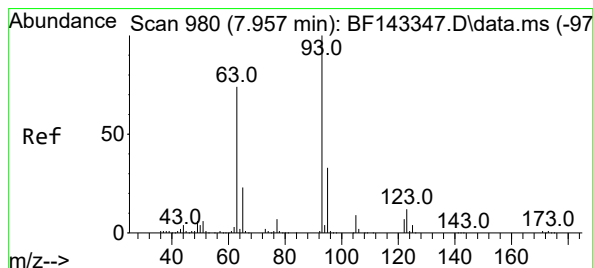
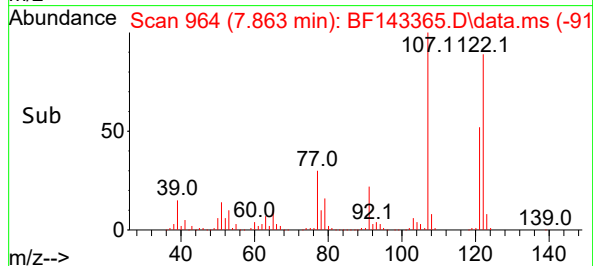
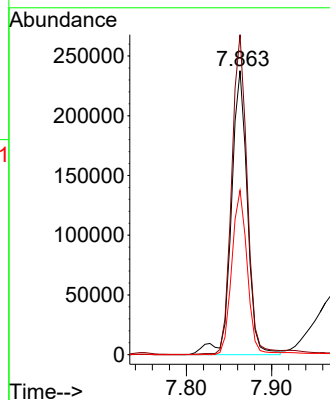
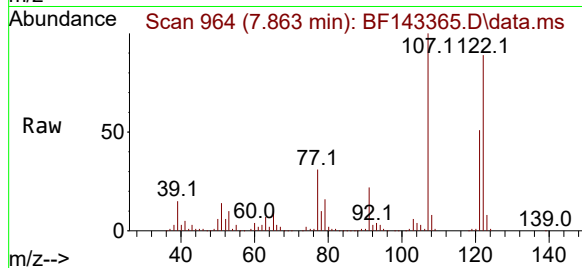
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:122 Resp: 311198

Ion	Ratio	Lower	Upper
122	100		
107	112.7	89.9	134.9
121	57.9	46.2	69.4



#28

bis(2-Chloroethoxy)methane

Concen: 37.694 ng

RT: 7.957 min Scan# 980

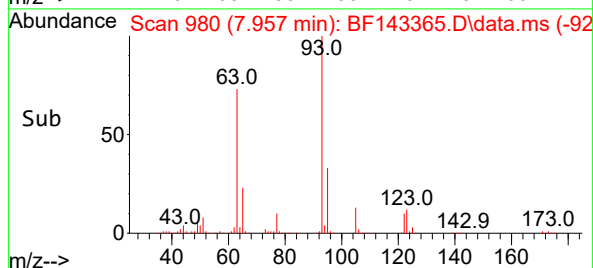
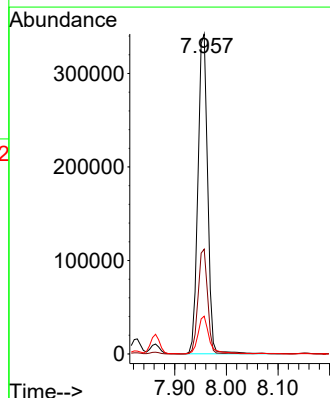
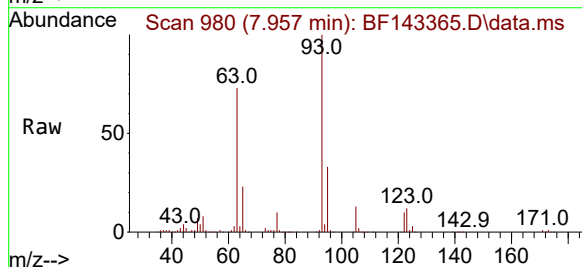
Delta R.T. -0.000 min

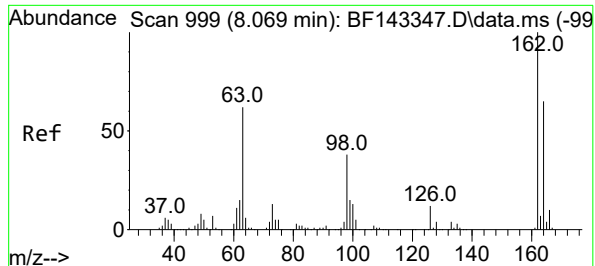
Lab File: BF143365.D

Acq: 13 Aug 2025 10:00

Tgt Ion: 93 Resp: 444549

Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.2	39.4
123	11.8	9.4	14.2





#29

2,4-Dichlorophenol

Concen: 38.733 ng

RT: 8.069 min Scan# 999

Delta R.T. -0.000 min

Lab File: BF143365.D

Acq: 13 Aug 2025 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

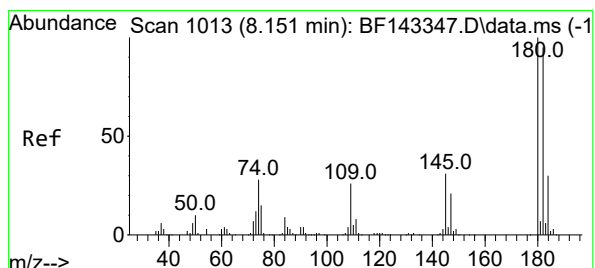
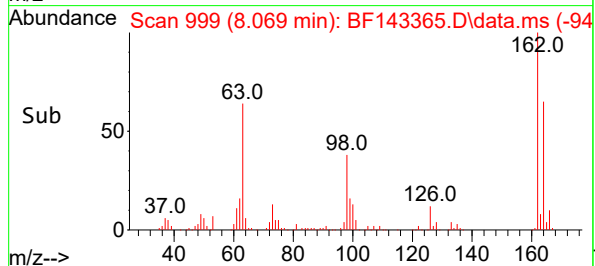
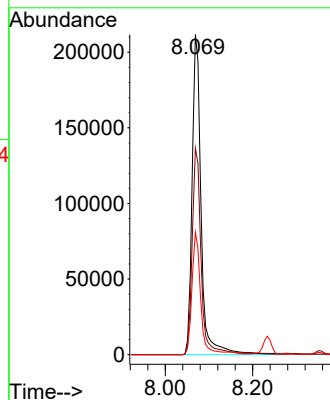
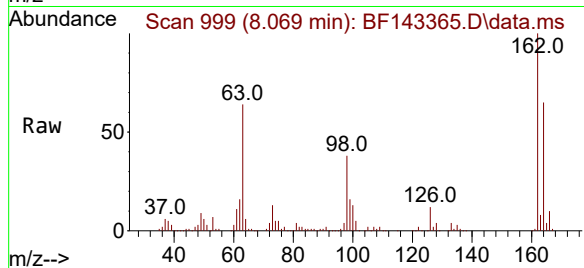
Tgt Ion:162 Resp: 304868

Ion Ratio Lower Upper

162 100

164 64.5 44.5 84.5

98 38.3 17.7 57.7



#30

1,2,4-Trichlorobenzene

Concen: 37.843 ng

RT: 8.151 min Scan# 1013

Delta R.T. -0.000 min

Lab File: BF143365.D

Acq: 13 Aug 2025 10:00

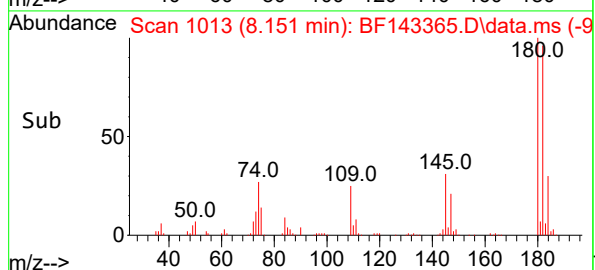
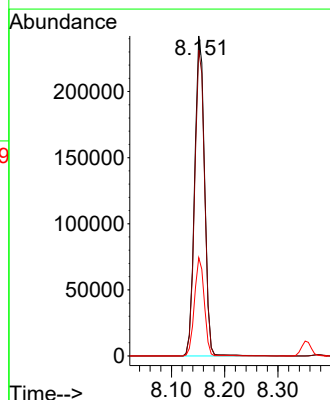
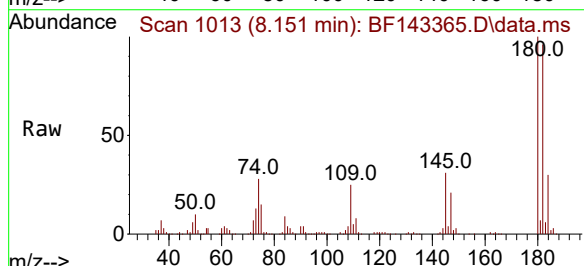
Tgt Ion:180 Resp: 314199

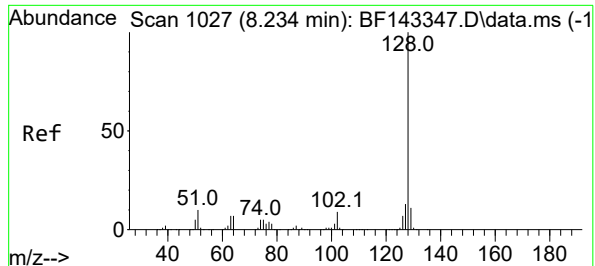
Ion Ratio Lower Upper

180 100

182 95.6 76.1 114.1

145 30.7 24.9 37.3





#31

Naphthalene

Concen: 36.636 ng

RT: 8.233 min Scan# 1027

Delta R.T. -0.000 min

Lab File: BF143365.D

Acq: 13 Aug 2025 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

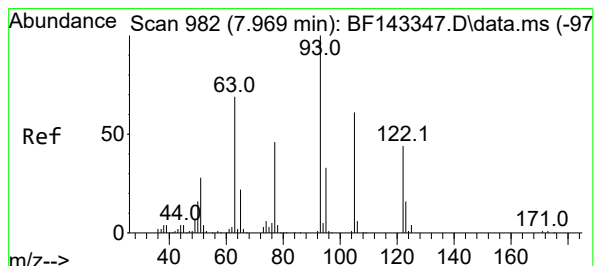
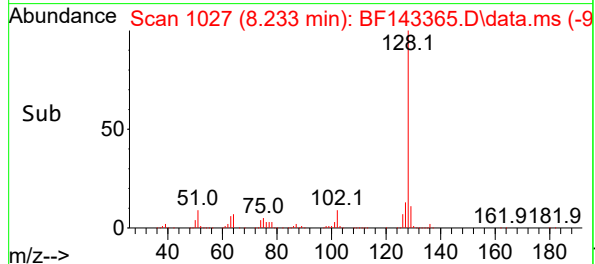
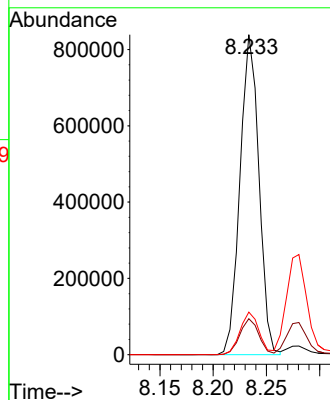
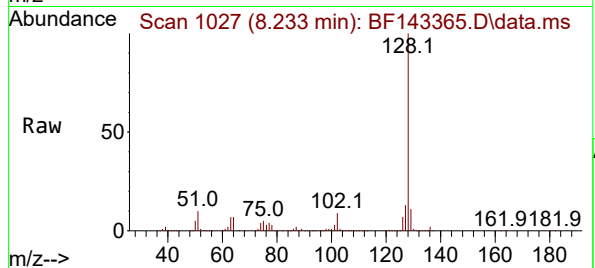
Tgt Ion:128 Resp: 1038756

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

127 13.3 10.7 16.1



#32

Benzoic acid

Concen: 44.806 ng

RT: 7.969 min Scan# 982

Delta R.T. -0.000 min

Lab File: BF143365.D

Acq: 13 Aug 2025 10:00

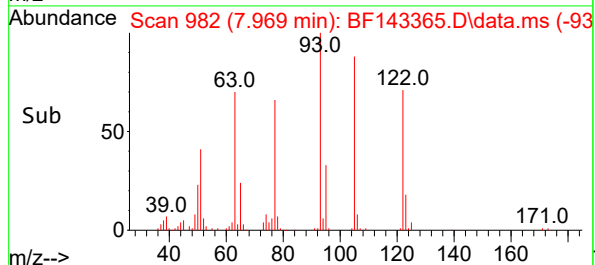
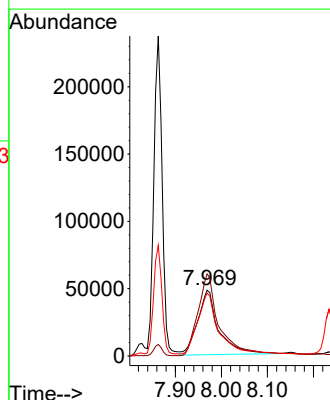
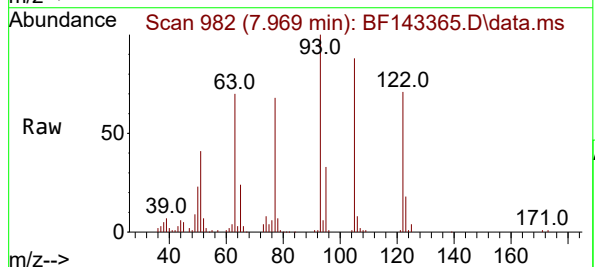
Tgt Ion:122 Resp: 153094

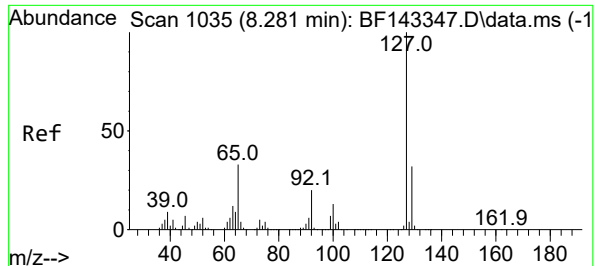
Ion Ratio Lower Upper

122 100

105 124.8 106.4 146.4

77 95.7 79.2 119.2





#33

4-Chloroaniline

Concen: 36.478 ng

RT: 8.281 min Scan# 1035

Delta R.T. -0.000 min

Lab File: BF143365.D

Acq: 13 Aug 2025 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 373044

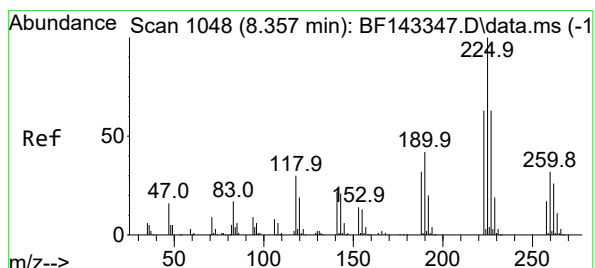
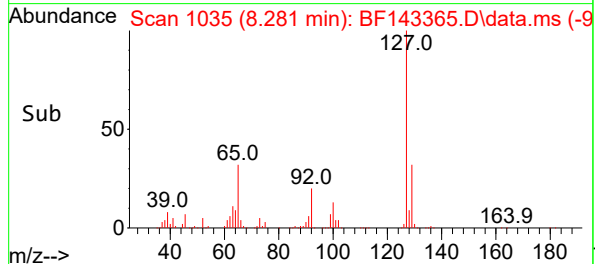
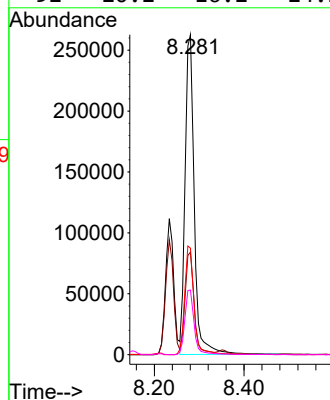
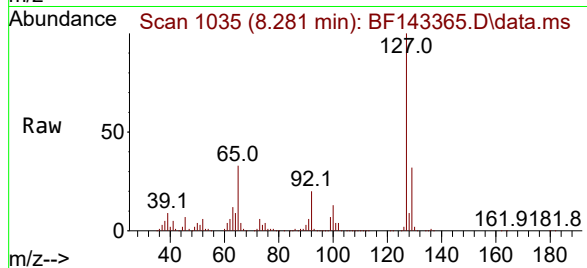
Ion Ratio Lower Upper

127 100

129 32.1 26.0 39.0

65 33.3 27.0 40.4

92 20.2 16.2 24.2



#34

Hexachlorobutadiene

Concen: 39.158 ng

RT: 8.351 min Scan# 1047

Delta R.T. -0.006 min

Lab File: BF143365.D

Acq: 13 Aug 2025 10:00

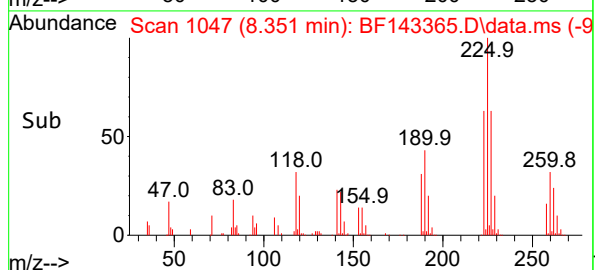
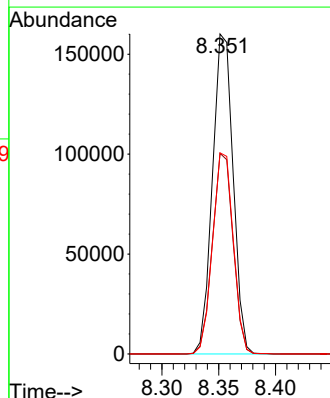
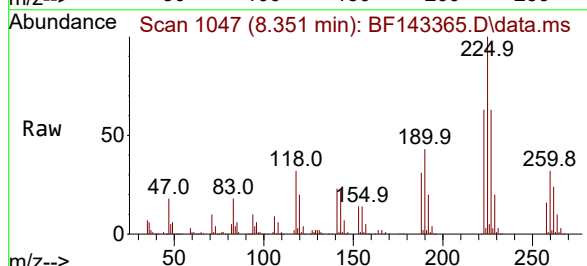
Tgt Ion:225 Resp: 202244

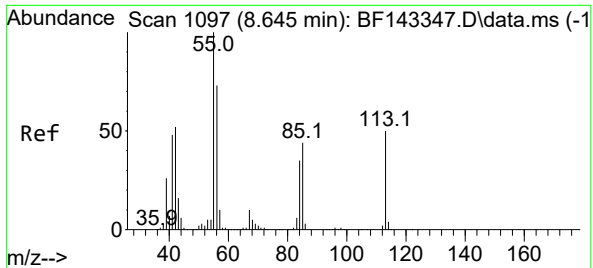
Ion Ratio Lower Upper

225 100

223 62.7 50.1 75.1

227 62.8 50.6 75.8





#35

Caprolactam

Concen: 35.661 ng

RT: 8.639 min Scan# 1096

Delta R.T. -0.006 min

Lab File: BF143365.D

Acq: 13 Aug 2025 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

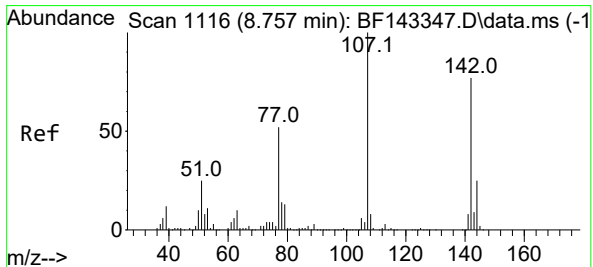
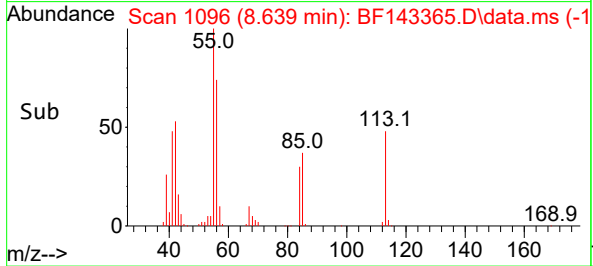
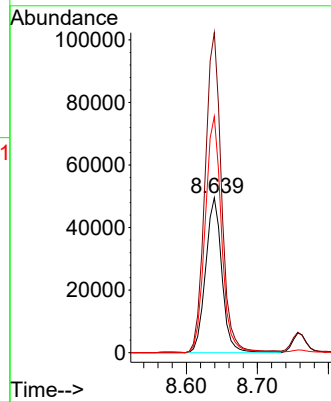
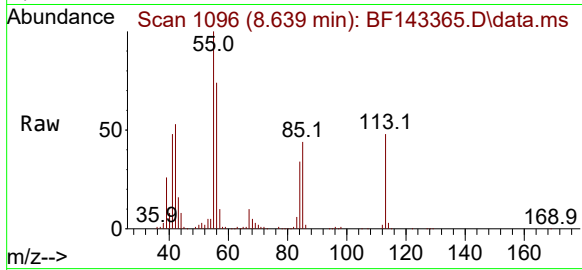
Tgt Ion:113 Resp: 78907

Ion Ratio Lower Upper

113 100

55 206.6 181.4 221.4

56 152.5 127.3 167.3



#36

4-Chloro-3-methylphenol

Concen: 37.312 ng

RT: 8.757 min Scan# 1116

Delta R.T. -0.000 min

Lab File: BF143365.D

Acq: 13 Aug 2025 10:00

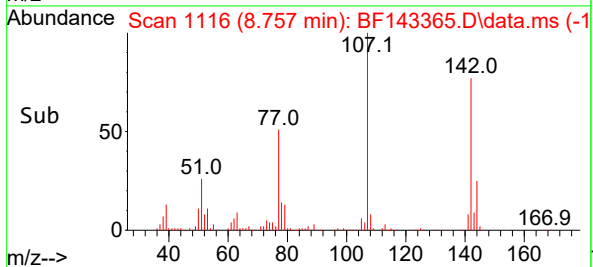
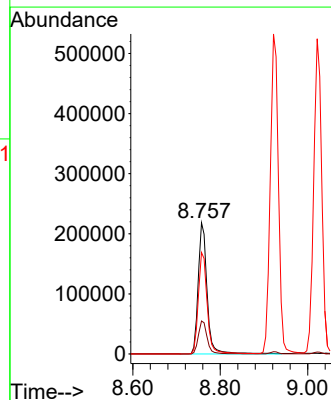
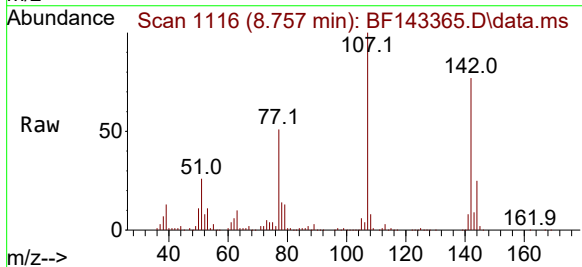
Tgt Ion:107 Resp: 307883

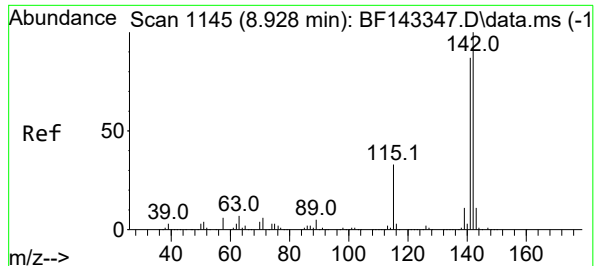
Ion Ratio Lower Upper

107 100

144 25.1 20.0 30.0

142 77.3 61.3 91.9

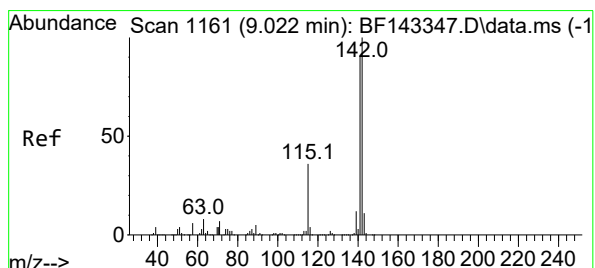
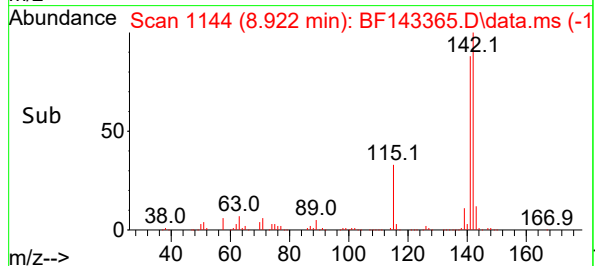
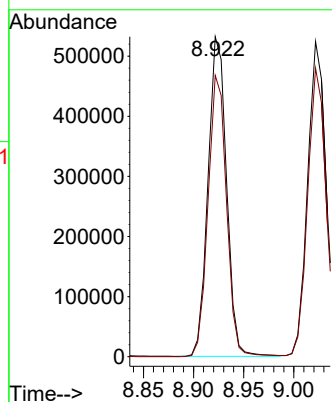
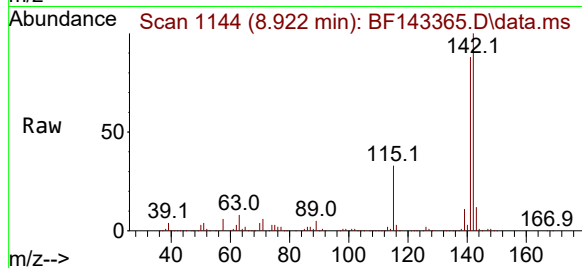




#37
2-Methylnaphthalene
Concen: 36.699 ng
RT: 8.922 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

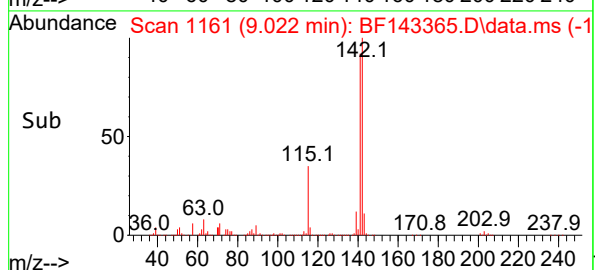
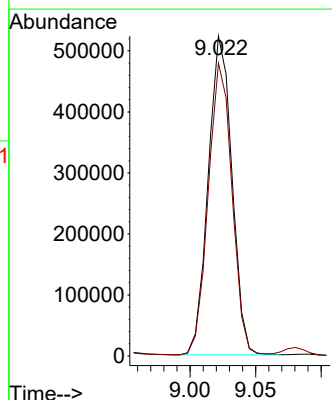
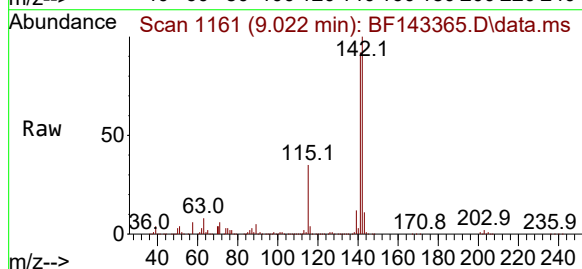
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

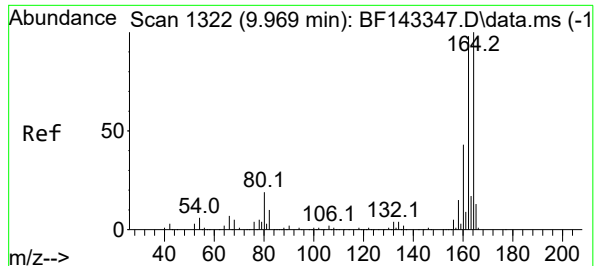
Tgt Ion:142 Resp: 684082
Ion Ratio Lower Upper
142 100
141 87.9 69.8 104.8



#38
1-Methylnaphthalene
Concen: 36.634 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Tgt Ion:142 Resp: 657684
Ion Ratio Lower Upper
142 100
141 91.5 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.963 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BF143365.D

Acq: 13 Aug 2025 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

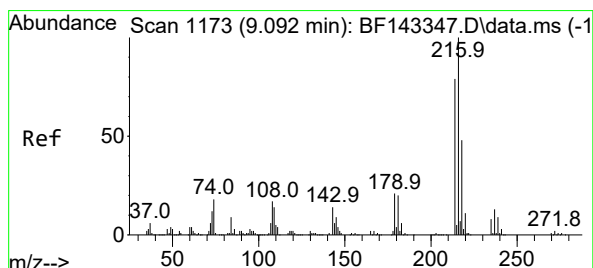
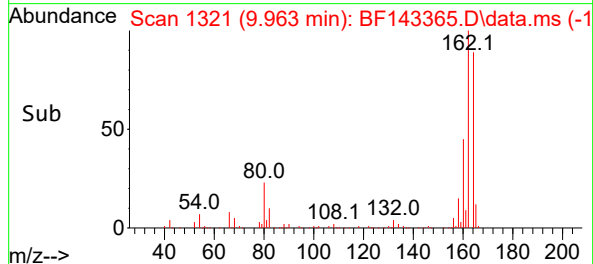
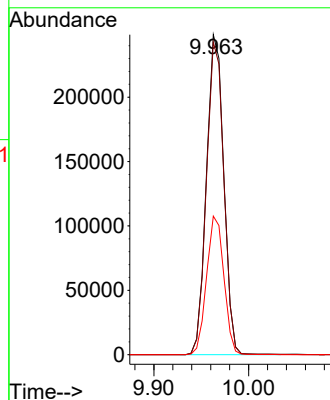
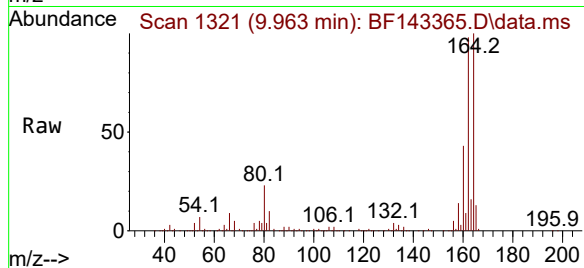
Tgt Ion:164 Resp: 314886

Ion Ratio Lower Upper

164 100

162 97.7 78.6 118.0

160 43.3 34.4 51.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.763 ng

RT: 9.092 min Scan# 1173

Delta R.T. -0.000 min

Lab File: BF143365.D

Acq: 13 Aug 2025 10:00

Tgt Ion:216 Resp: 325394

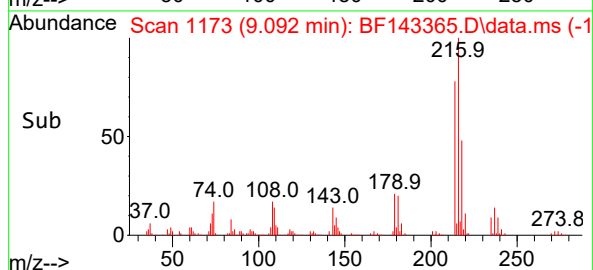
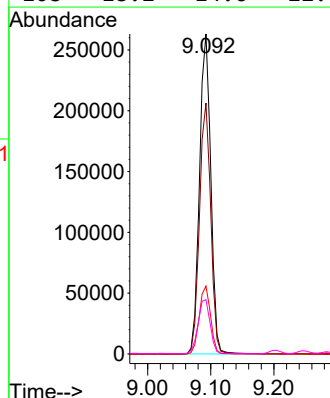
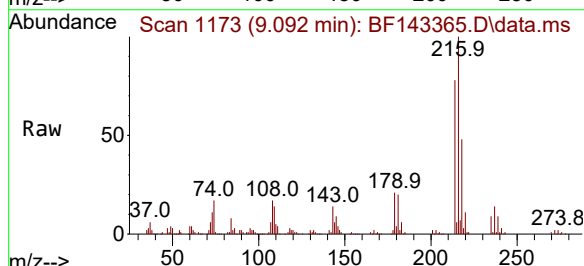
Ion Ratio Lower Upper

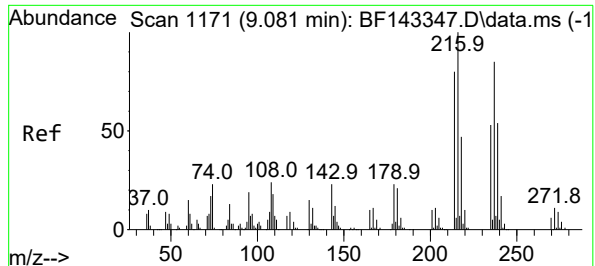
216 100

214 78.3 63.0 94.4

179 21.2 17.0 25.4

108 18.2 14.6 22.0





#41

Hexachlorocyclopentadiene

Concen: 45.170 ng

RT: 9.080 min Scan# 1171

Delta R.T. -0.001 min

Lab File: BF143365.D

Acq: 13 Aug 2025 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

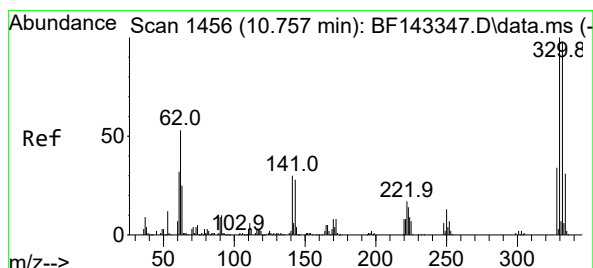
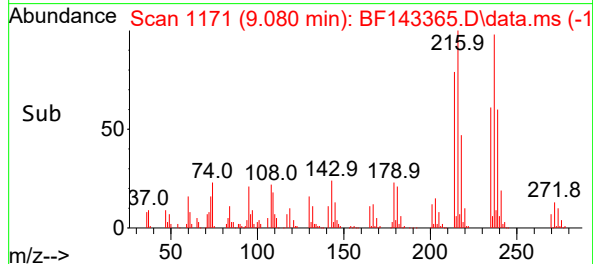
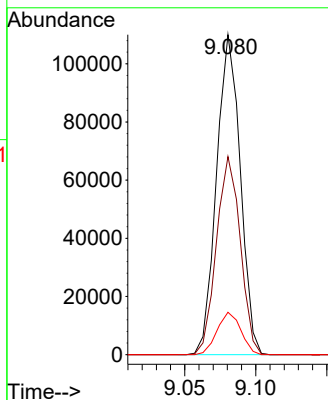
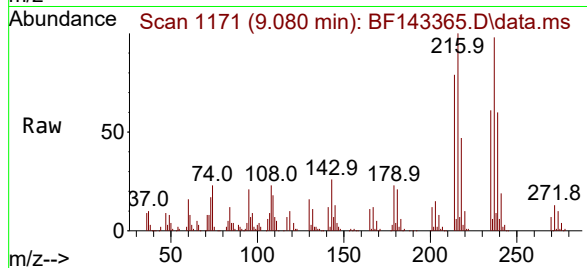
Tgt Ion:237 Resp: 127734

Ion Ratio Lower Upper

237 100

235 61.9 42.0 82.0

272 13.3 0.0 32.6



#42

2,4,6-Tribromophenol

Concen: 84.775 ng

RT: 10.757 min Scan# 1456

Delta R.T. -0.000 min

Lab File: BF143365.D

Acq: 13 Aug 2025 10:00

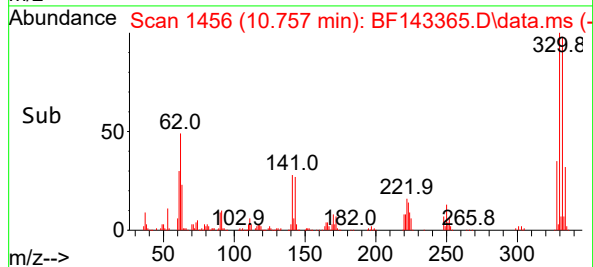
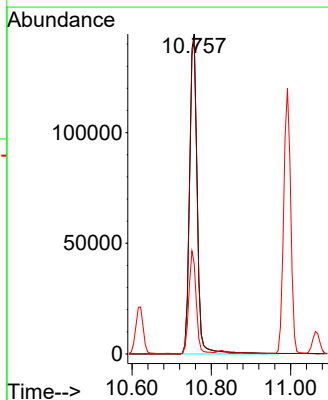
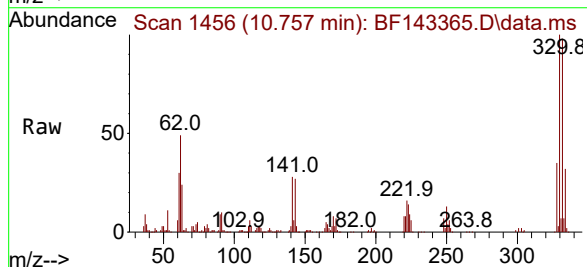
Tgt Ion:330 Resp: 195089

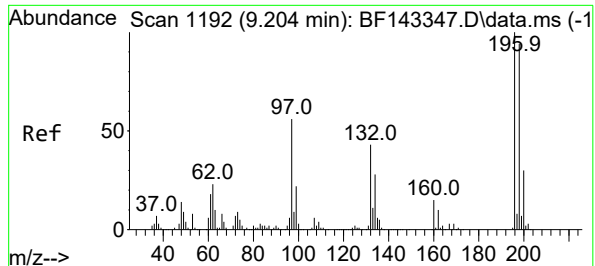
Ion Ratio Lower Upper

330 100

332 97.6 78.1 117.1

141 30.9 25.4 38.0





#43

2,4,6-Trichlorophenol

Concen: 38.847 ng

RT: 9.204 min Scan# 1192

Delta R.T. -0.000 min

Lab File: BF143365.D

Acq: 13 Aug 2025 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

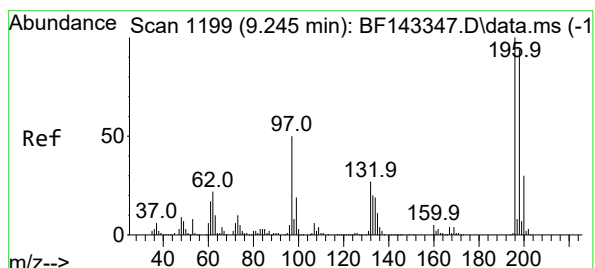
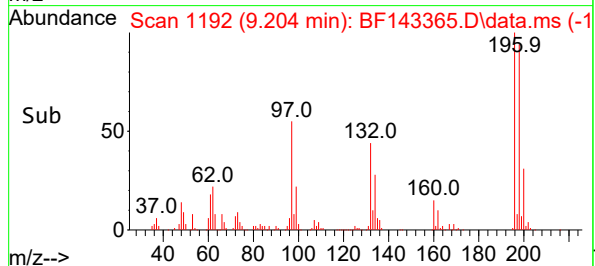
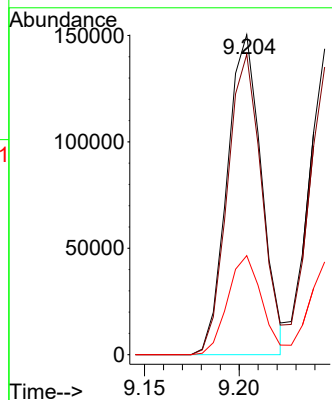
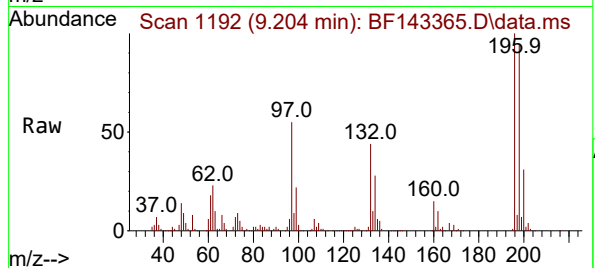
Tgt Ion:196 Resp: 189921

Ion Ratio Lower Upper

196 100

198 93.9 75.4 113.0

200 31.0 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 38.112 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.000 min

Lab File: BF143365.D

Acq: 13 Aug 2025 10:00

Tgt Ion:196 Resp: 210414

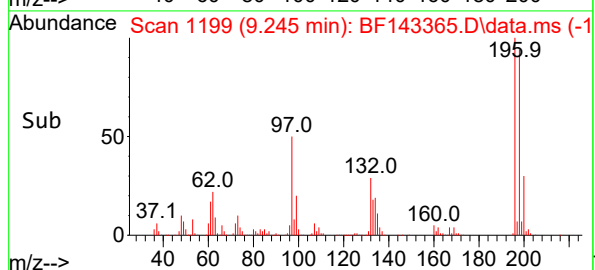
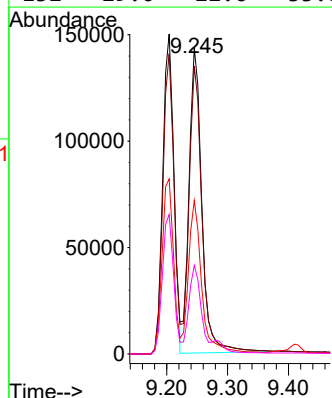
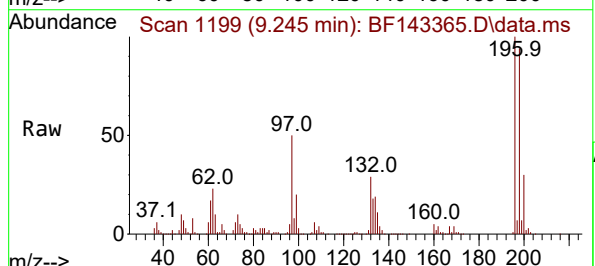
Ion Ratio Lower Upper

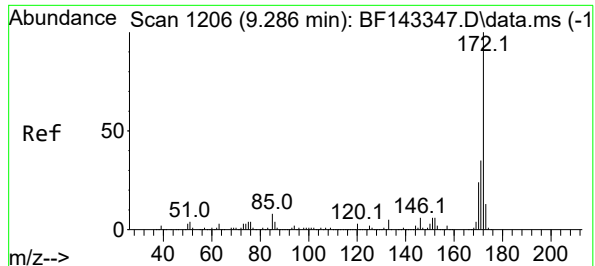
196 100

198 94.0 75.4 113.2

97 50.2 39.9 59.9

132 29.0 22.6 33.8





#45

2-Fluorobiphenyl

Concen: 72.088 ng

RT: 9.286 min Scan# 1206

Delta R.T. -0.000 min

Lab File: BF143365.D

Acq: 13 Aug 2025 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

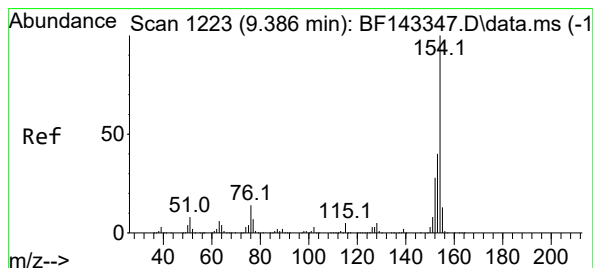
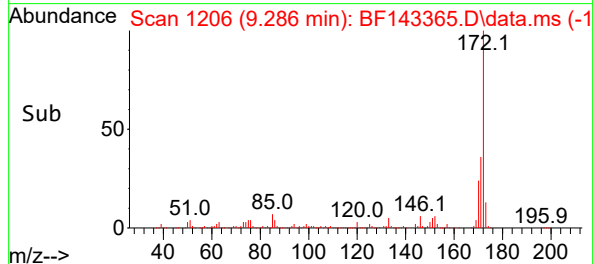
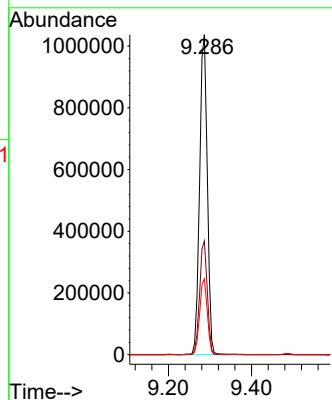
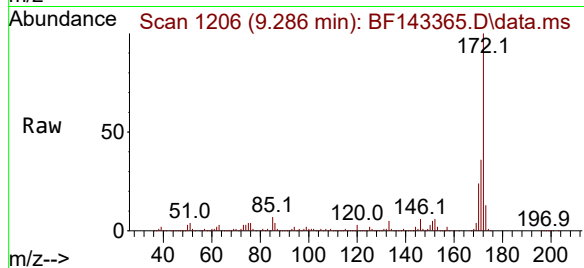
Tgt Ion:172 Resp: 1338604

Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 23.7 19.1 28.7



#46

1,1'-Biphenyl

Concen: 36.625 ng

RT: 9.386 min Scan# 1223

Delta R.T. -0.000 min

Lab File: BF143365.D

Acq: 13 Aug 2025 10:00

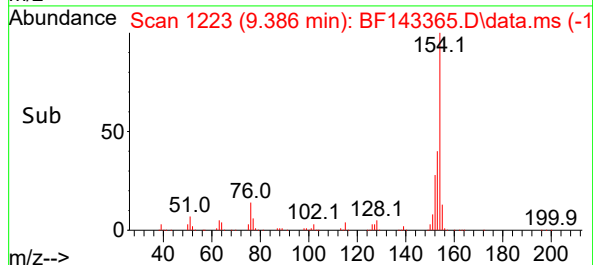
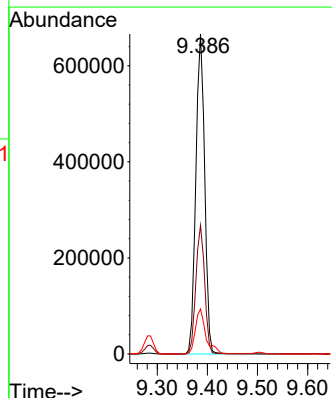
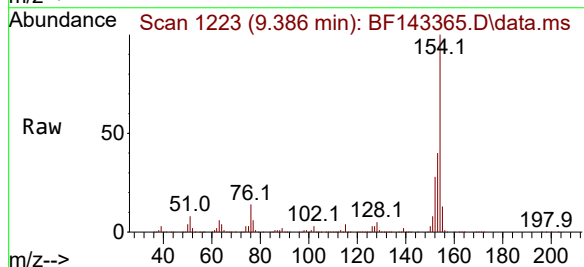
Tgt Ion:154 Resp: 815422

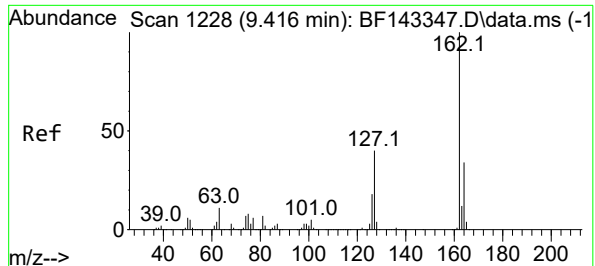
Ion Ratio Lower Upper

154 100

153 40.2 20.2 60.2

76 14.0 0.0 34.4





#47

2-Chloronaphthalene

Concen: 36.637 ng

RT: 9.410 min Scan# 1228

Delta R.T. -0.006 min

Lab File: BF143365.D

Acq: 13 Aug 2025 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

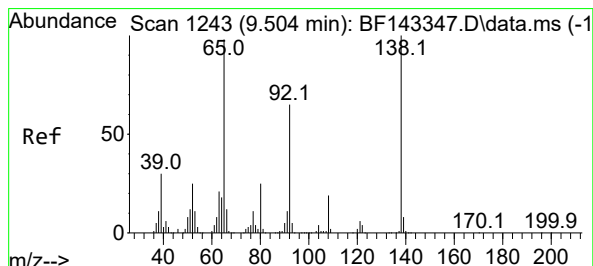
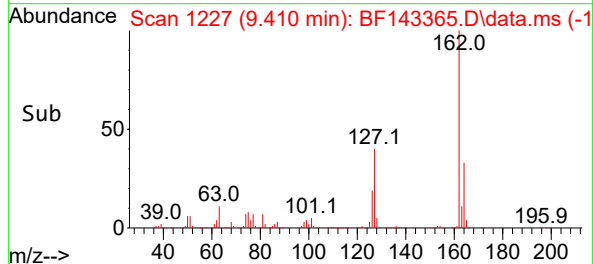
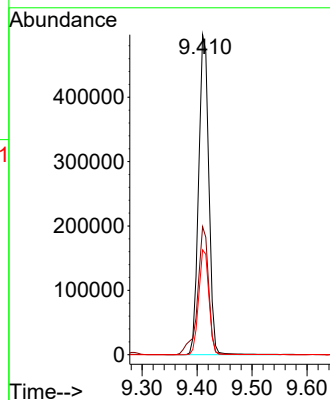
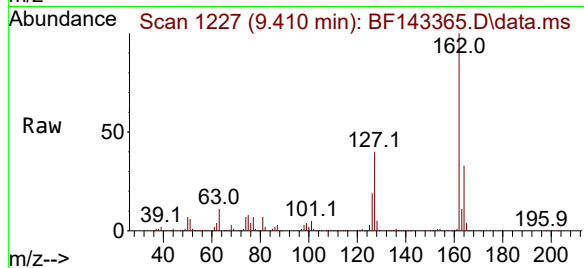
Tgt Ion:162 Resp: 642420

Ion Ratio Lower Upper

162 100

127 40.0 32.1 48.1

164 32.7 27.0 40.4



#48

2-Nitroaniline

Concen: 39.994 ng

RT: 9.504 min Scan# 1243

Delta R.T. -0.000 min

Lab File: BF143365.D

Acq: 13 Aug 2025 10:00

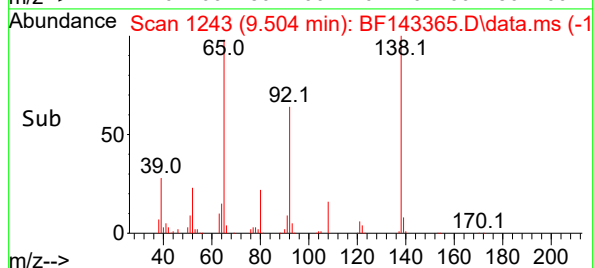
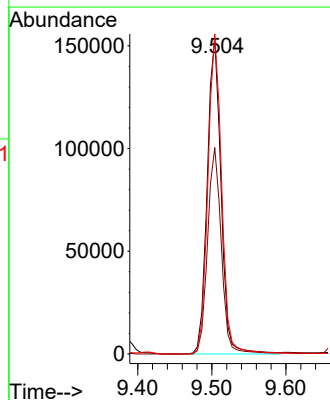
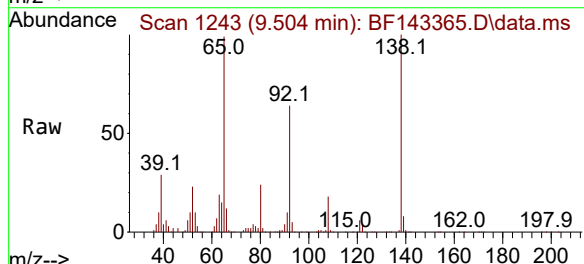
Tgt Ion: 65 Resp: 199781

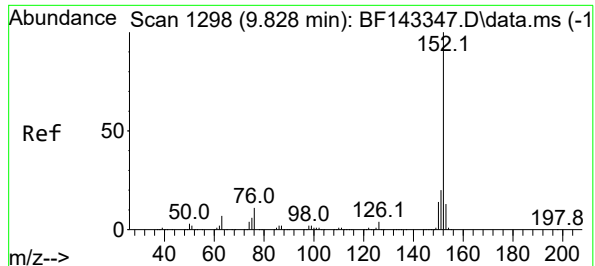
Ion Ratio Lower Upper

65 100

92 65.4 53.1 79.7

138 101.3 81.4 122.0





#49

Acenaphthylene

Concen: 36.019 ng

RT: 9.827 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF143365.D

Acq: 13 Aug 2025 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

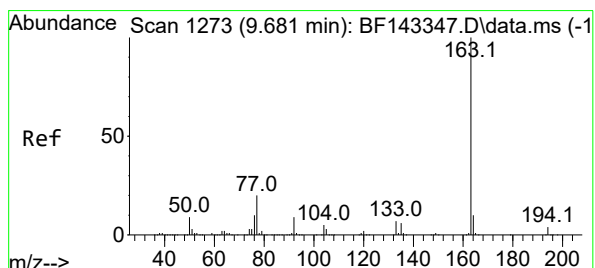
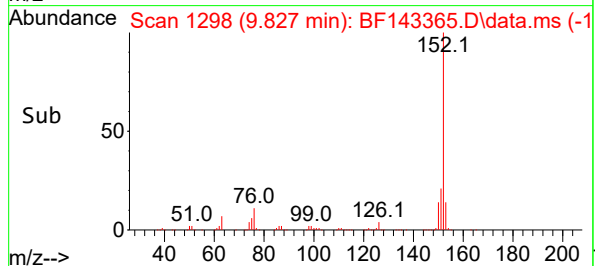
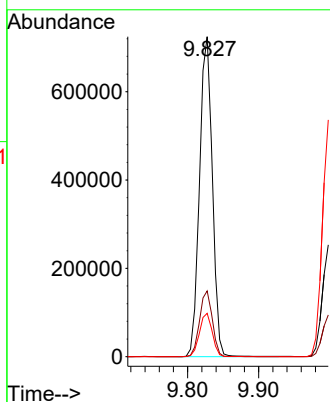
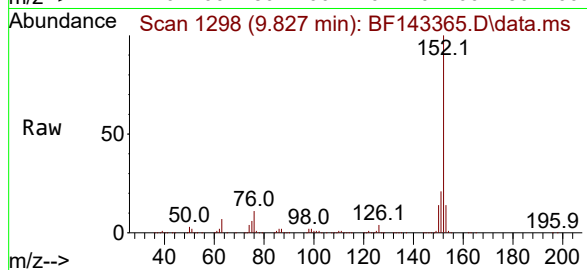
Tgt Ion:152 Resp: 912085

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.2

153 13.6 10.6 16.0



#50

Dimethylphthalate

Concen: 37.229 ng

RT: 9.675 min Scan# 1272

Delta R.T. -0.006 min

Lab File: BF143365.D

Acq: 13 Aug 2025 10:00

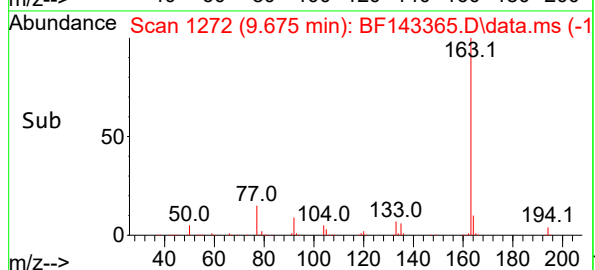
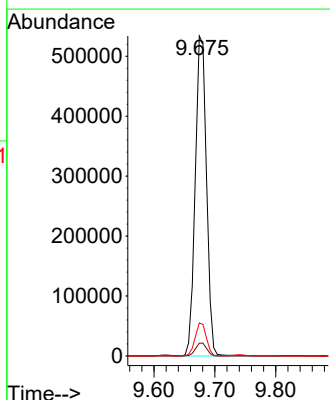
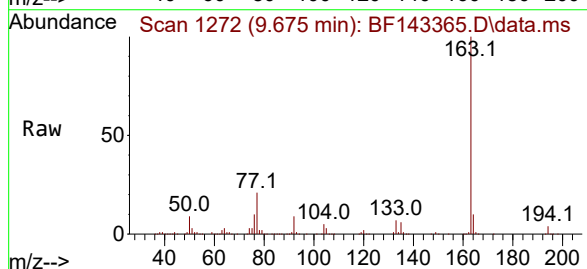
Tgt Ion:163 Resp: 684989

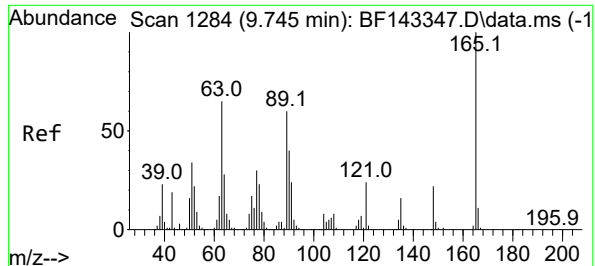
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.3 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 41.532 ng

RT: 9.739 min Scan# 1283

Delta R.T. -0.006 min

Lab File: BF143365.D

Acq: 13 Aug 2025 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

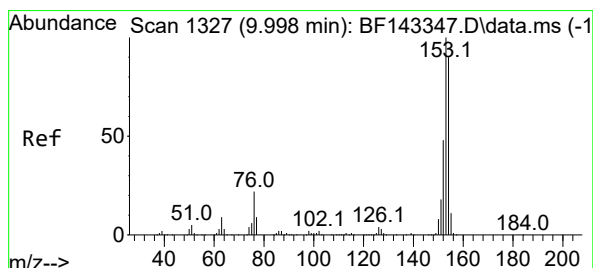
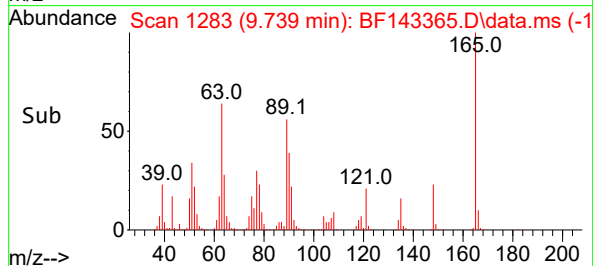
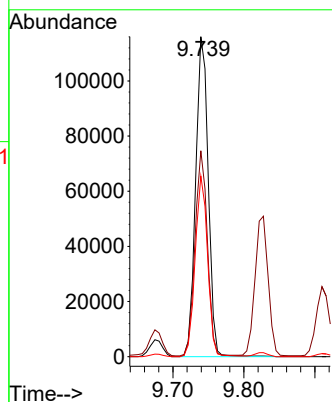
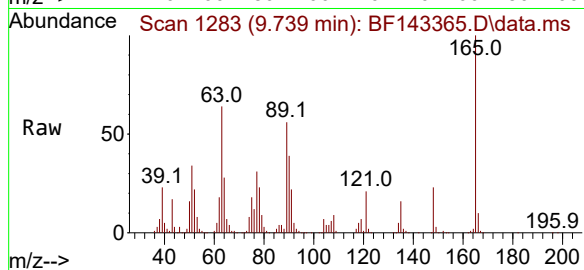
Tgt Ion:165 Resp: 143121

Ion Ratio Lower Upper

165 100

63 64.3 51.6 77.4

89 56.4 47.7 71.5



#52

Acenaphthene

Concen: 36.969 ng

RT: 9.998 min Scan# 1327

Delta R.T. -0.000 min

Lab File: BF143365.D

Acq: 13 Aug 2025 10:00

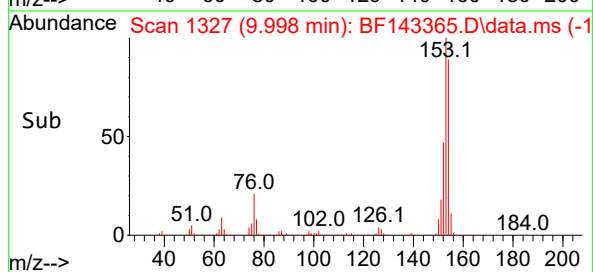
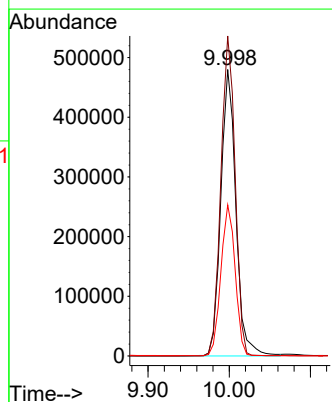
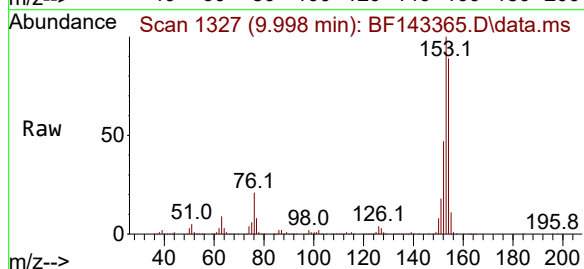
Tgt Ion:154 Resp: 622352

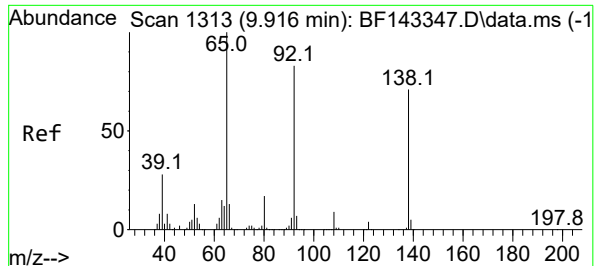
Ion Ratio Lower Upper

154 100

153 111.7 88.5 132.7

152 52.8 42.4 63.6





#53

3-Nitroaniline

Concen: 41.943 ng

RT: 9.910 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143365.D

Acq: 13 Aug 2025 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

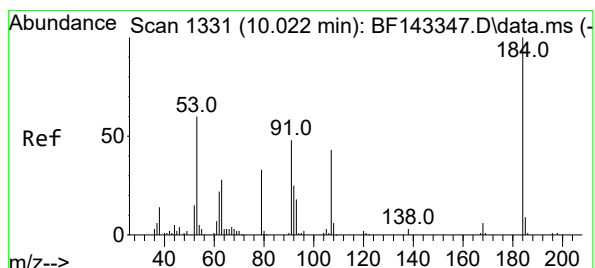
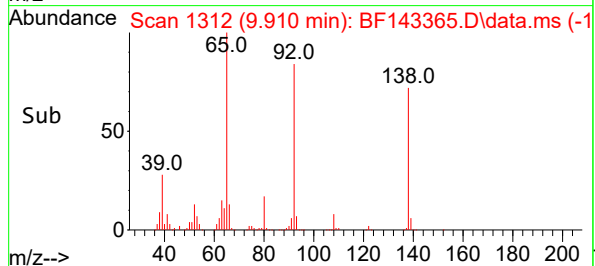
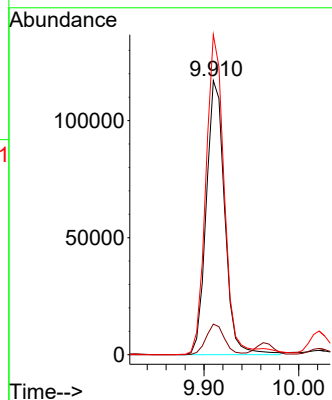
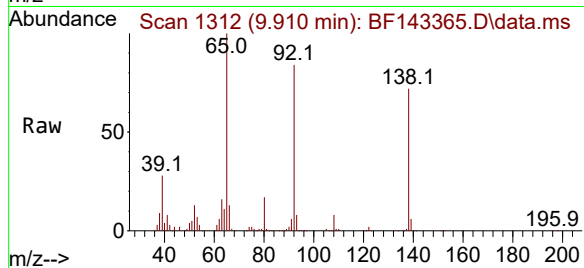
Tgt Ion:138 Resp: 158044

Ion Ratio Lower Upper

138 100

108 11.1 9.6 14.4

92 116.8 93.4 140.2



#54

2,4-Dinitrophenol

Concen: 47.847 ng

RT: 10.022 min Scan# 1331

Delta R.T. -0.000 min

Lab File: BF143365.D

Acq: 13 Aug 2025 10:00

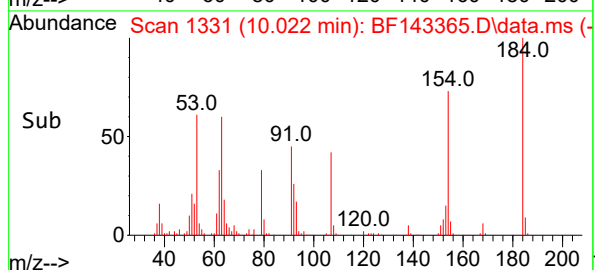
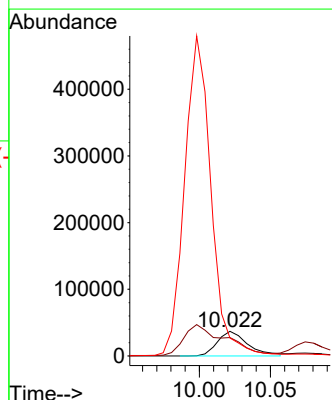
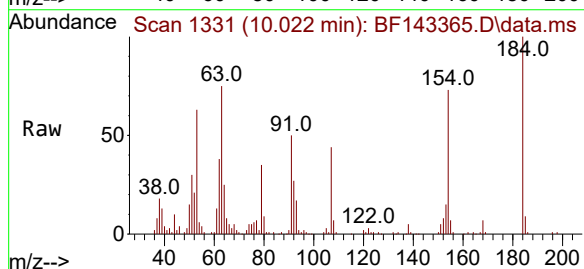
Tgt Ion:184 Resp: 54988

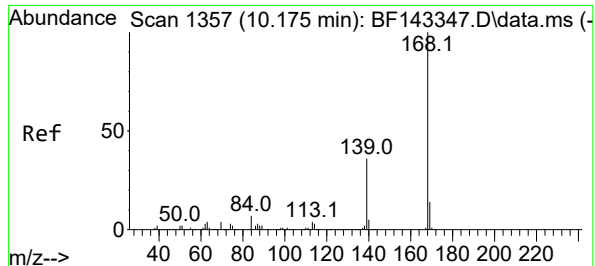
Ion Ratio Lower Upper

184 100

63 75.2 62.5 93.7

154 73.0 73.0 109.4





#55

Dibenzofuran

Concen: 36.166 ng

RT: 10.169 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143365.D

Acq: 13 Aug 2025 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

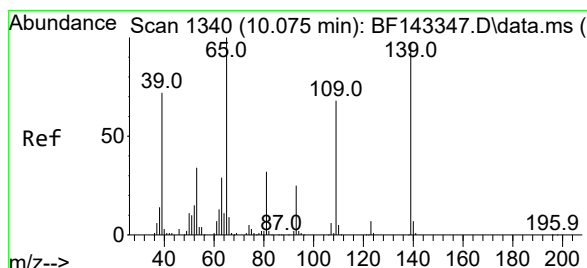
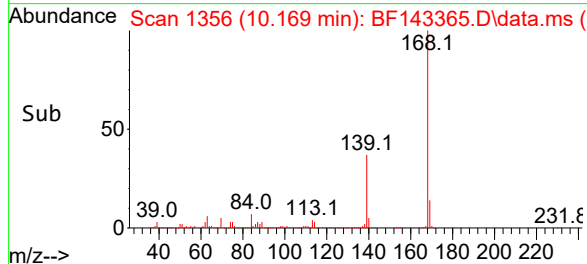
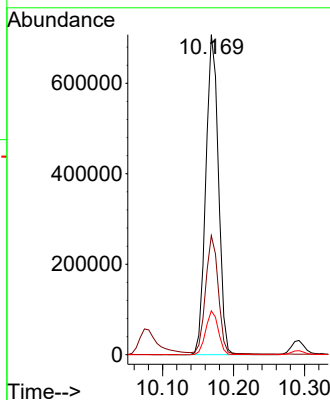
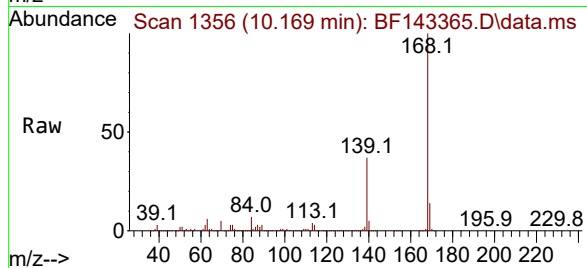
Tgt Ion:168 Resp: 876245

Ion Ratio Lower Upper

168 100

139 37.2 29.4 44.0

169 13.7 11.0 16.6



#56

4-Nitrophenol

Concen: 38.411 ng

RT: 10.075 min Scan# 1340

Delta R.T. -0.000 min

Lab File: BF143365.D

Acq: 13 Aug 2025 10:00

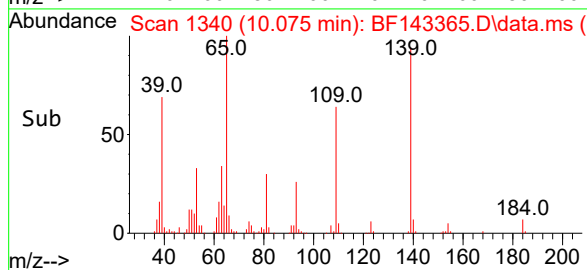
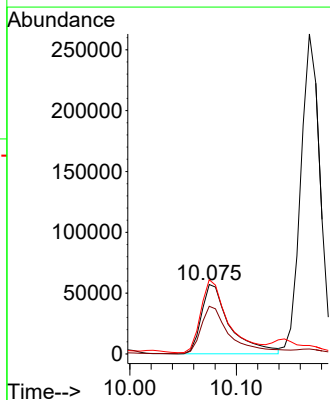
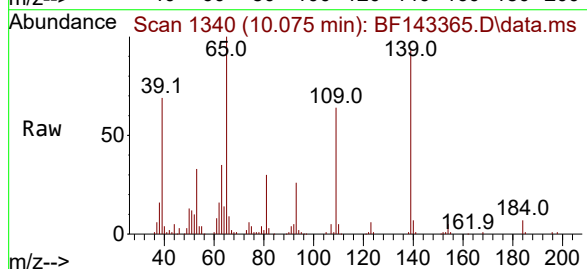
Tgt Ion:139 Resp: 106466

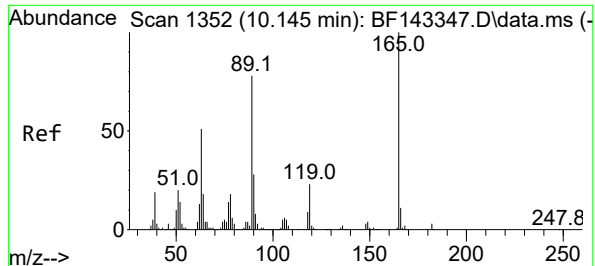
Ion Ratio Lower Upper

139 100

109 68.7 49.4 89.4

65 107.1 83.7 123.7

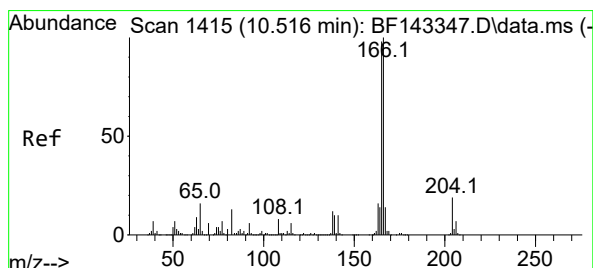
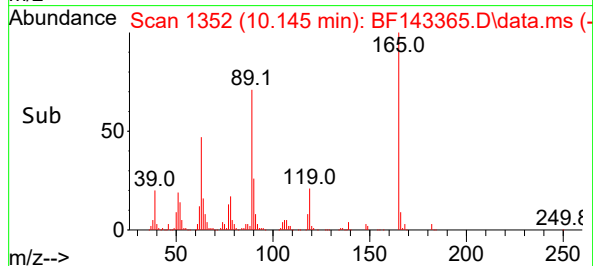
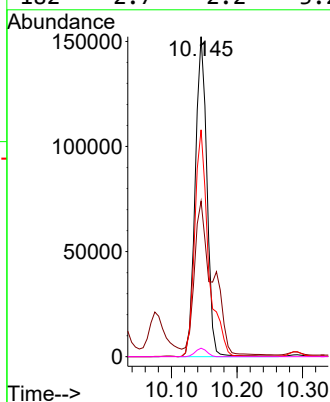
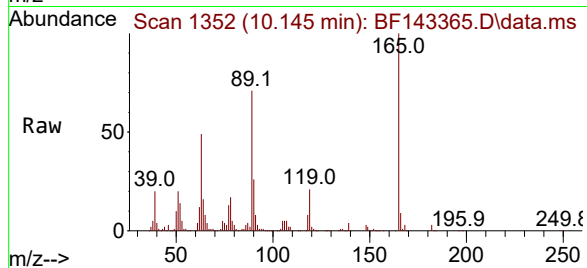




#57
2,4-Dinitrotoluene
Concen: 41.474 ng
RT: 10.145 min Scan# 1352
Delta R.T. 0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

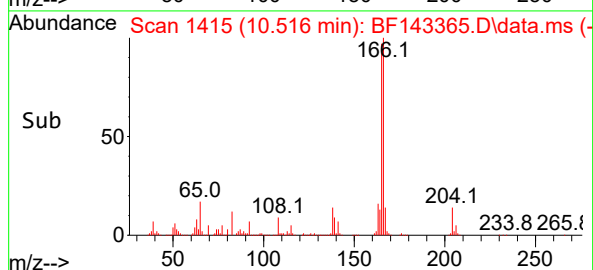
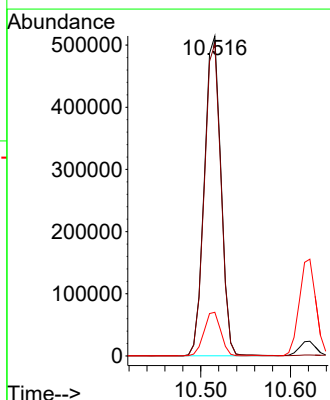
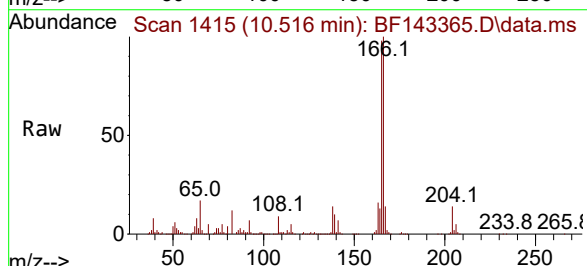
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

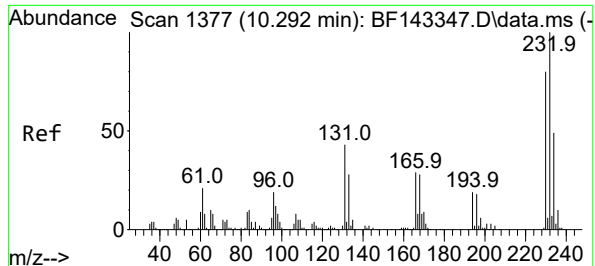
Tgt Ion:165 Resp: 189595
Ion Ratio Lower Upper
165 100
63 48.6 41.8 62.8
89 70.9 62.4 93.6
182 2.7 2.2 3.2



#58
Fluorene
Concen: 35.714 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Tgt Ion:166 Resp: 660928
Ion Ratio Lower Upper
166 100
165 97.5 78.2 117.4
167 13.7 10.9 16.3

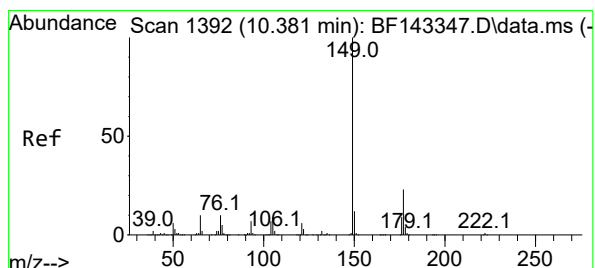
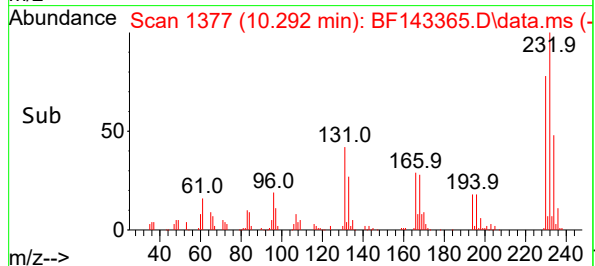
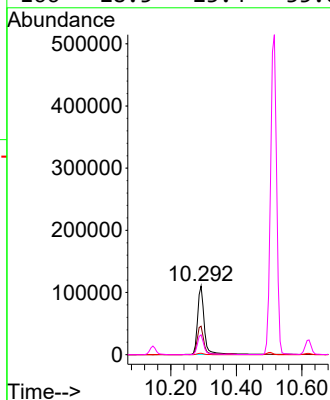
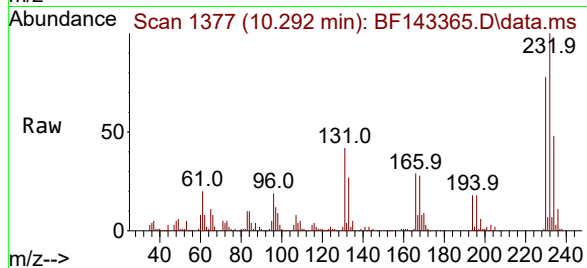




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.436 ng
RT: 10.292 min Scan# 1377
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

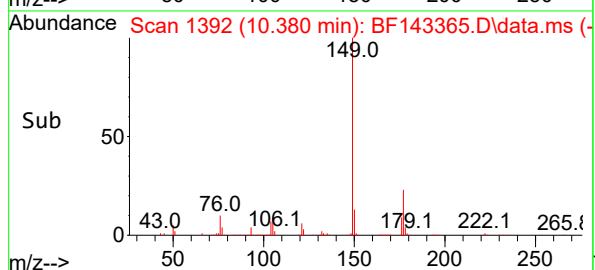
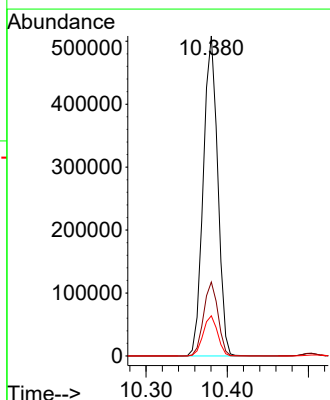
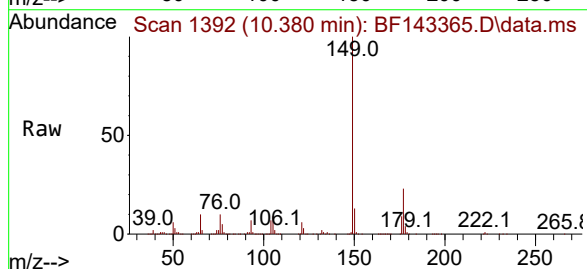
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

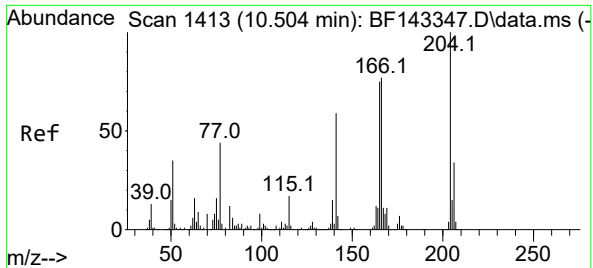
Tgt Ion:232 Resp: 157931
Ion Ratio Lower Upper
232 100
131 41.5 34.6 51.8
130 2.0 1.7 2.5
166 28.5 23.4 35.0



#60
Diethylphthalate
Concen: 38.014 ng
RT: 10.380 min Scan# 1392
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Tgt Ion:149 Resp: 626496
Ion Ratio Lower Upper
149 100
177 23.1 18.2 27.2
150 12.5 9.9 14.9

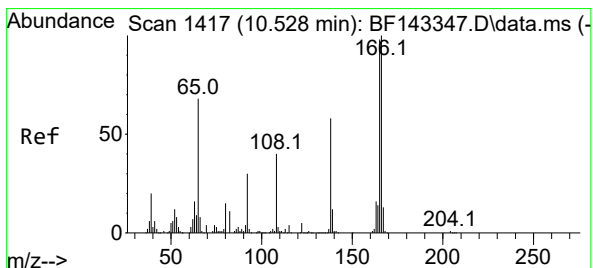
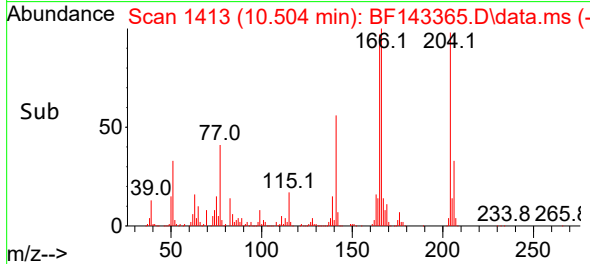
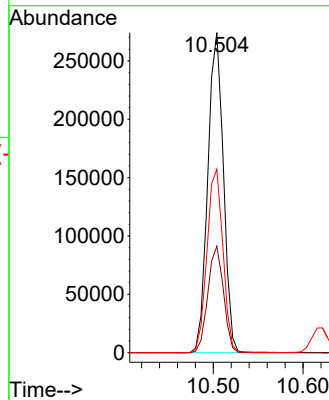
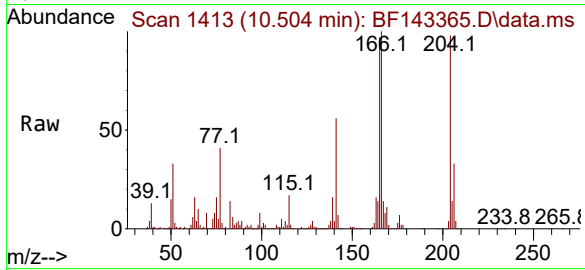




#61
4-Chlorophenyl-phenylether
Concen: 37.027 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

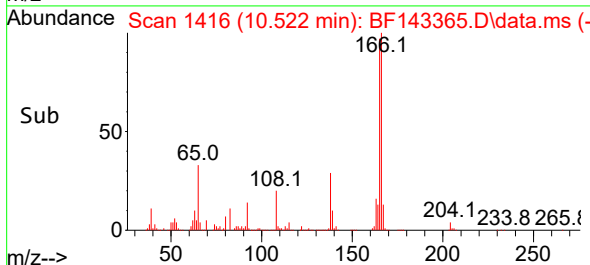
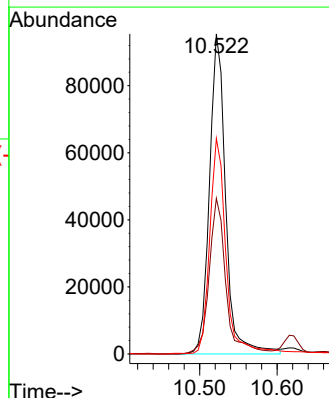
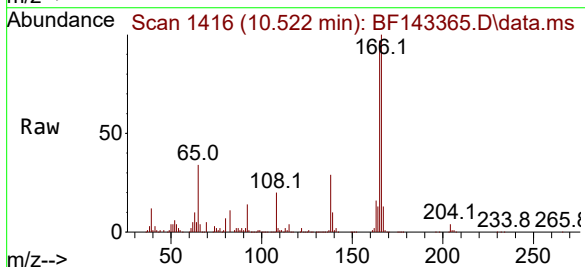
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

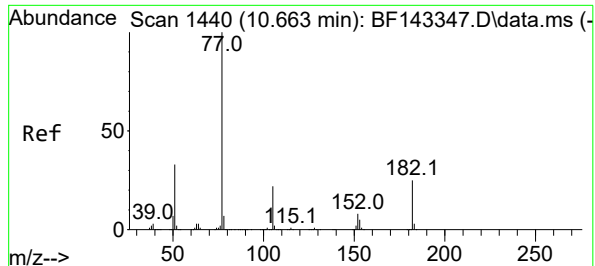
Tgt Ion	204	Resp	331103
Ion Ratio	Lower	Upper	
204	100		
206	33.3	27.4	41.2
141	57.3	46.9	70.3



#62
4-Nitroaniline
Concen: 37.977 ng
RT: 10.522 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Tgt Ion	138	Resp	138449
Ion Ratio	Lower	Upper	
138	100		
92	48.7	31.2	71.2
108	67.3	48.1	88.1

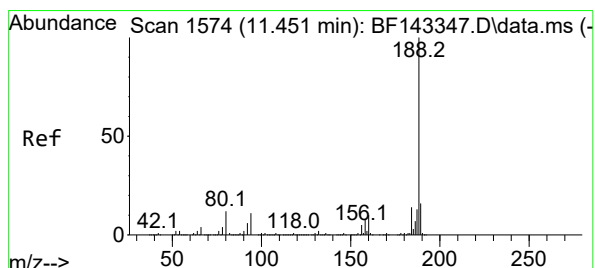
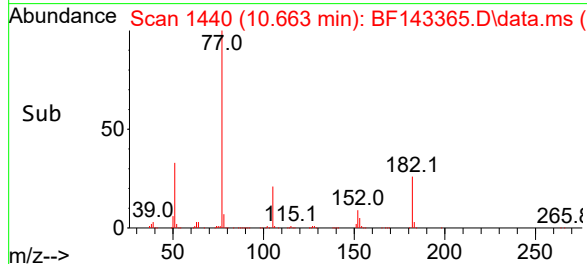
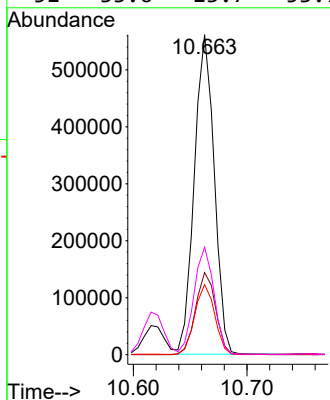
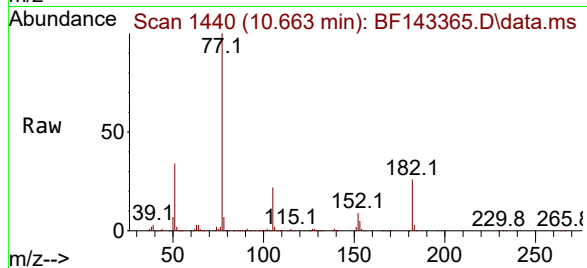




#63
Azobenzene
Concen: 36.252 ng
RT: 10.663 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

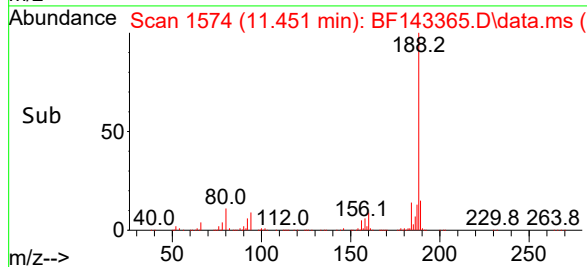
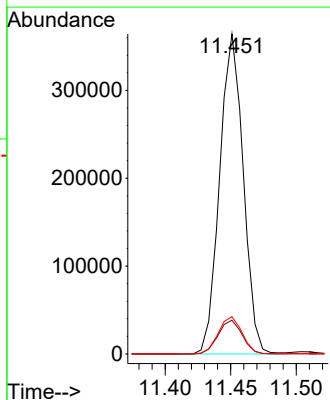
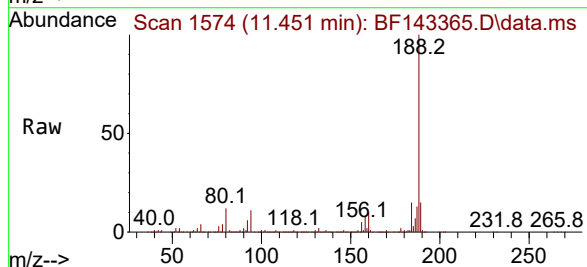
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

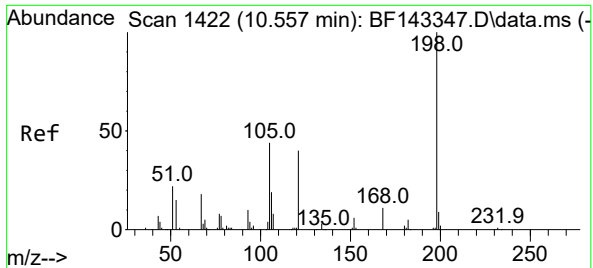
Tgt Ion: 77	Resp: 682418
Ion Ratio	Lower Upper
77 100	
182 25.7	4.4 44.4
105 21.9	1.8 41.8
51 33.6	13.7 53.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Tgt Ion:188	Resp: 455320
Ion Ratio	Lower Upper
188 100	
94 10.5	8.8 13.2
80 11.7	9.7 14.5

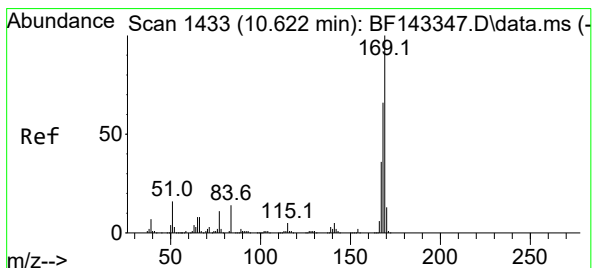
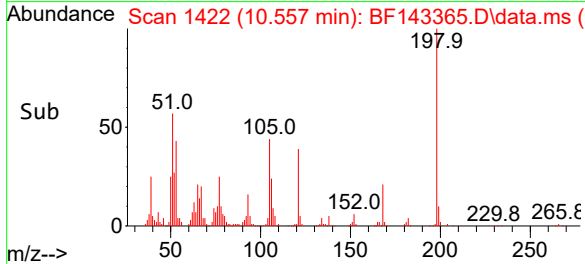
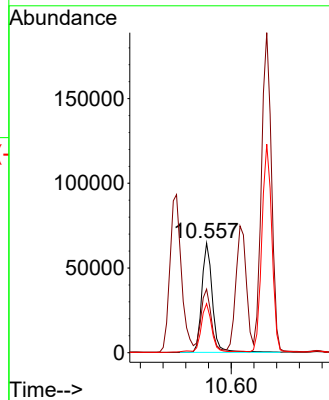
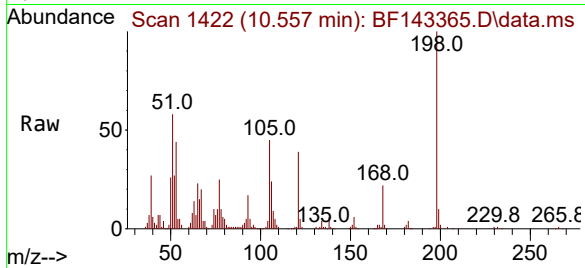




#65
4,6-Dinitro-2-methylphenol
Concen: 45.753 ng
RT: 10.557 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

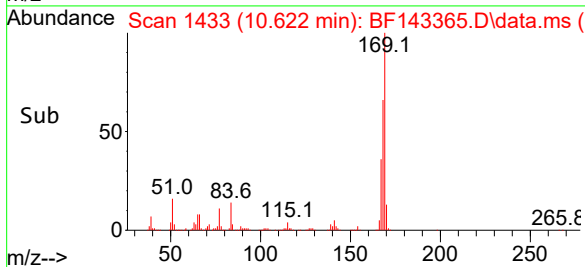
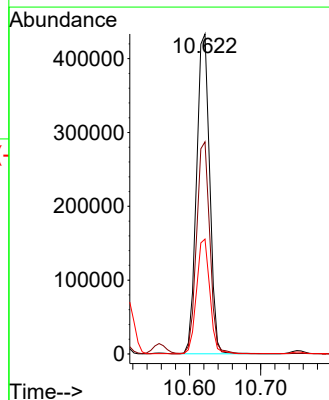
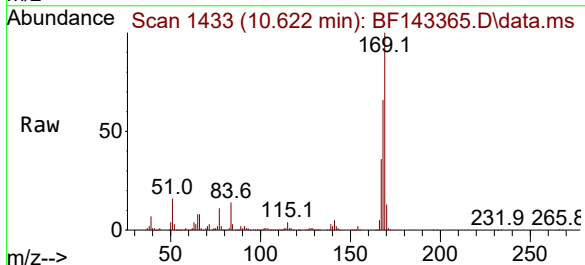
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

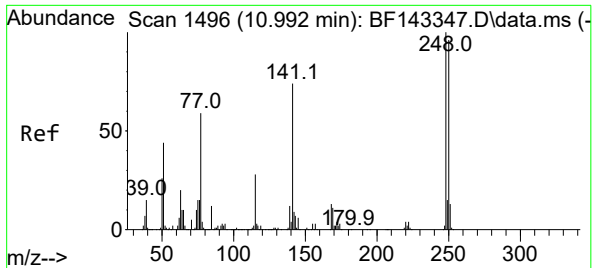
Tgt Ion	Ratio	Lower	Upper
198	100		
51	57.9	41.7	81.7
105	44.7	26.8	66.8



#66
n-Nitrosodiphenylamine
Concen: 37.268 ng
RT: 10.622 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.3	52.7	79.1
167	35.9	28.6	42.8

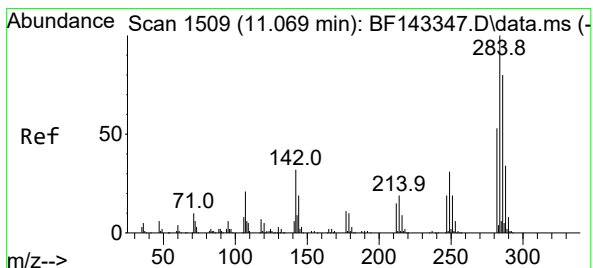
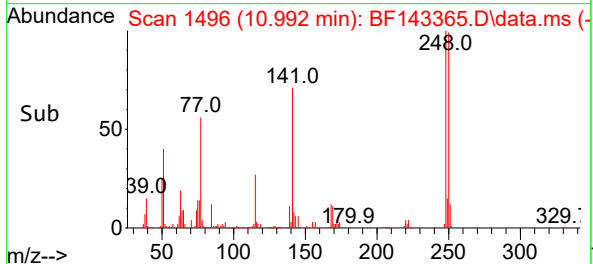
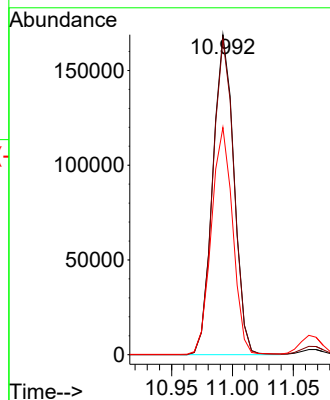
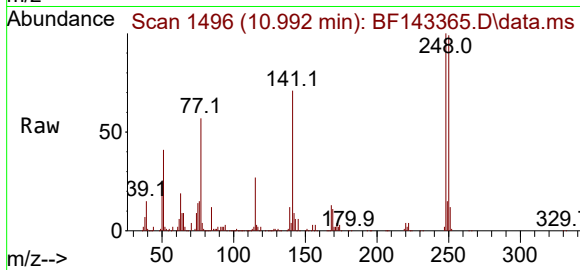




#67
4-Bromophenyl-phenylether
Concen: 39.268 ng
RT: 10.992 min Scan# 1496
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

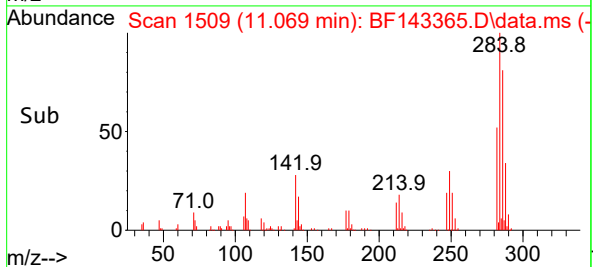
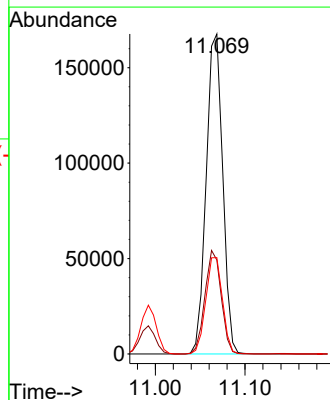
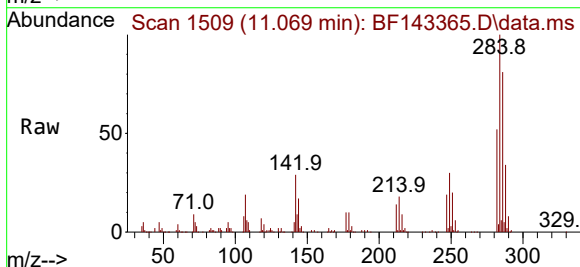
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

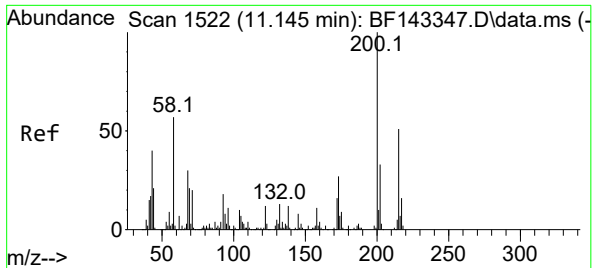
Tgt Ion:248 Resp: 204482
Ion Ratio Lower Upper
248 100
250 98.6 77.1 115.7
141 71.0 59.1 88.7



#68
Hexachlorobenzene
Concen: 38.169 ng
RT: 11.069 min Scan# 1509
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Tgt Ion:284 Resp: 214247
Ion Ratio Lower Upper
284 100
142 29.4 25.7 38.5
249 30.1 24.6 37.0





#69

Atrazine

Concen: 37.642 ng

RT: 11.139 min Scan# 1521

Delta R.T. -0.006 min

Lab File: BF143365.D

Acq: 13 Aug 2025 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

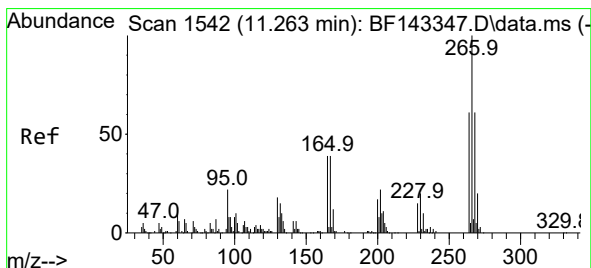
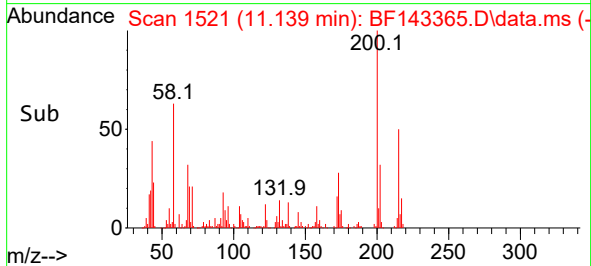
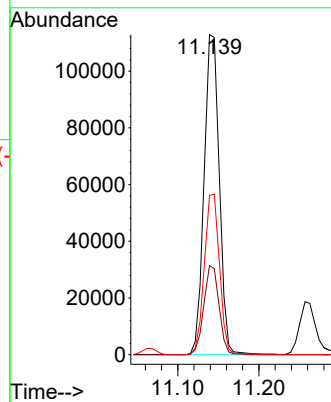
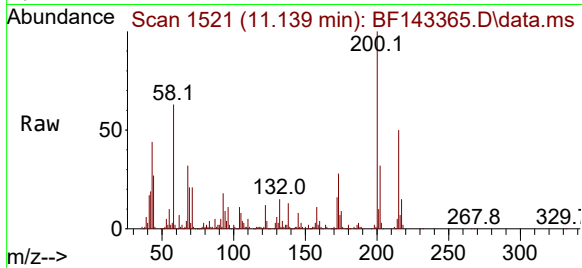
Tgt Ion:200 Resp: 147197

Ion Ratio Lower Upper

200 100

173 27.9 6.6 46.6

215 49.8 30.6 70.6



#70

Pentachlorophenol

Concen: 62.487 ng

RT: 11.263 min Scan# 1542

Delta R.T. -0.000 min

Lab File: BF143365.D

Acq: 13 Aug 2025 10:00

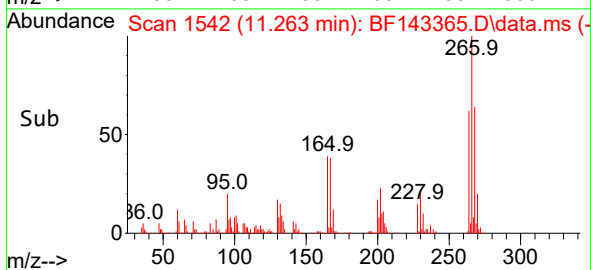
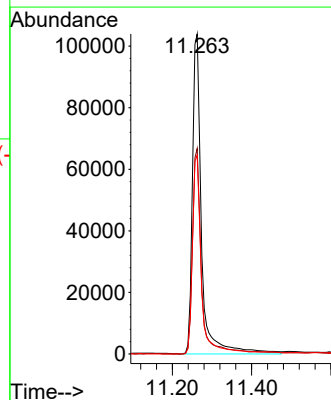
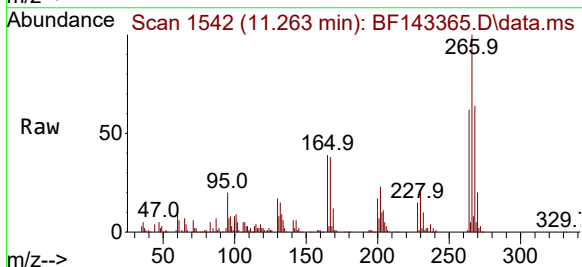
Tgt Ion:266 Resp: 167836

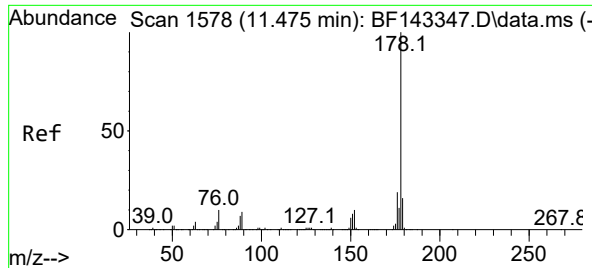
Ion Ratio Lower Upper

266 100

268 64.2 48.8 73.2

264 62.1 48.8 73.2





#71

Phenanthrene

Concen: 35.951 ng

RT: 11.474 min Scan# 1578

Delta R.T. -0.000 min

Lab File: BF143365.D

Acq: 13 Aug 2025 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

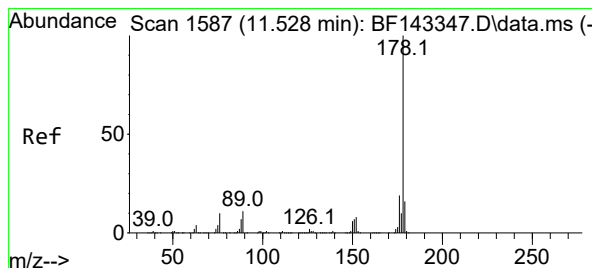
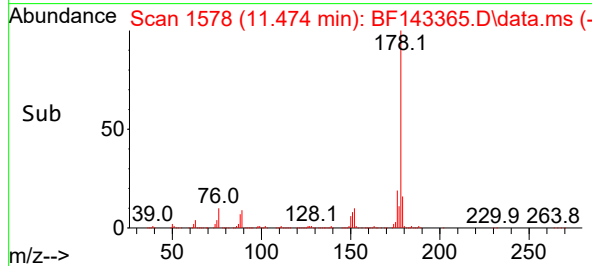
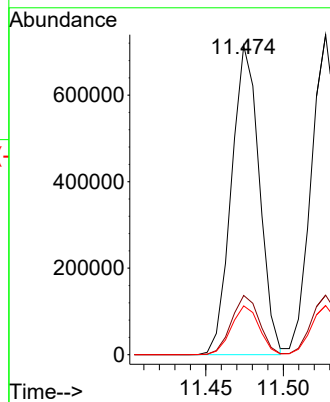
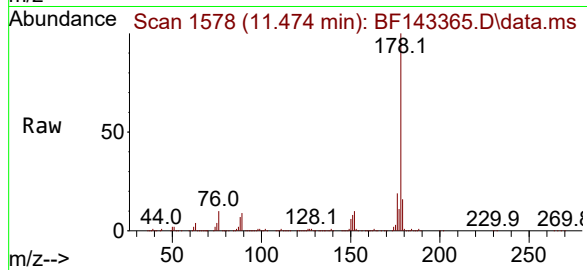
Tgt Ion:178 Resp: 893088

Ion Ratio Lower Upper

178 100

176 19.2 15.5 23.3

179 15.8 12.5 18.7



#72

Anthracene

Concen: 36.793 ng

RT: 11.527 min Scan# 1587

Delta R.T. -0.000 min

Lab File: BF143365.D

Acq: 13 Aug 2025 10:00

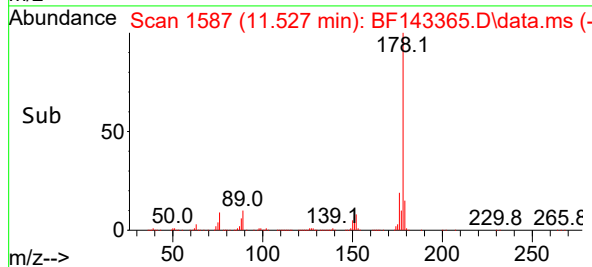
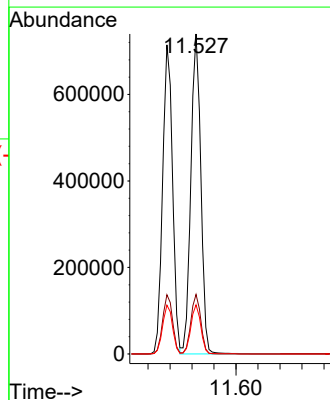
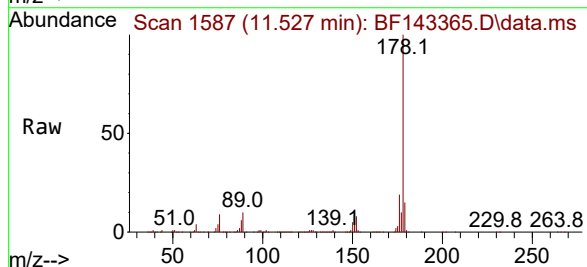
Tgt Ion:178 Resp: 926945

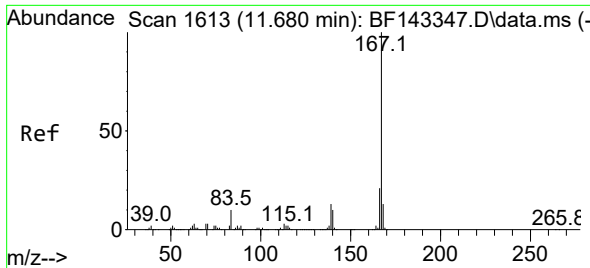
Ion Ratio Lower Upper

178 100

176 18.6 15.1 22.7

179 15.4 12.7 19.1

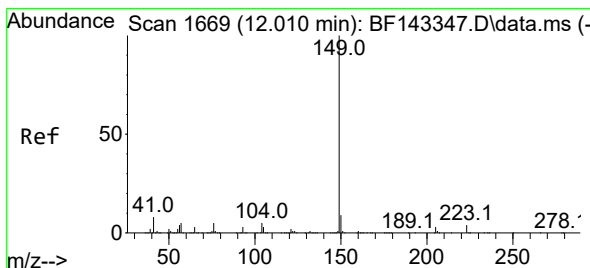
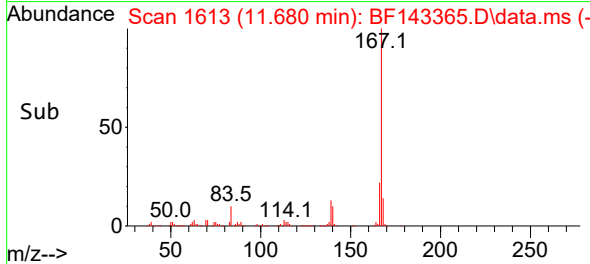
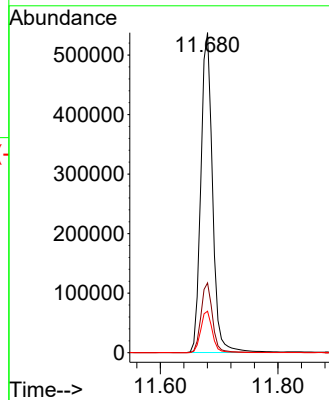
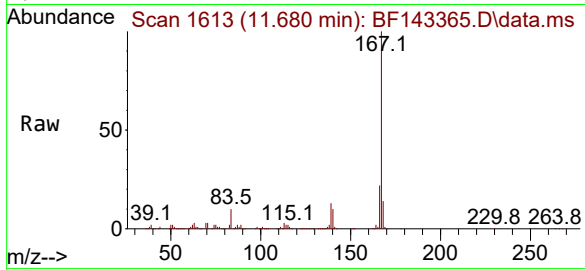




#73
 Carbazole
 Concen: 34.473 ng
 RT: 11.680 min Scan# 1613
 Delta R.T. -0.000 min
 Lab File: BF143365.D
 Acq: 13 Aug 2025 10:00

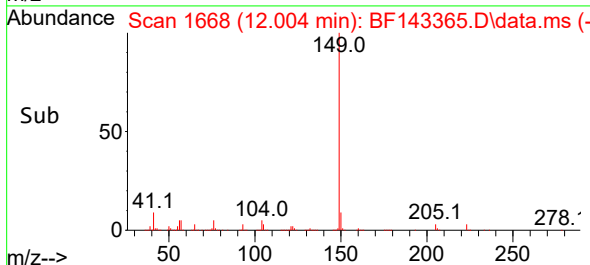
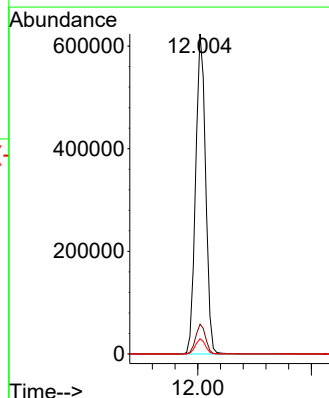
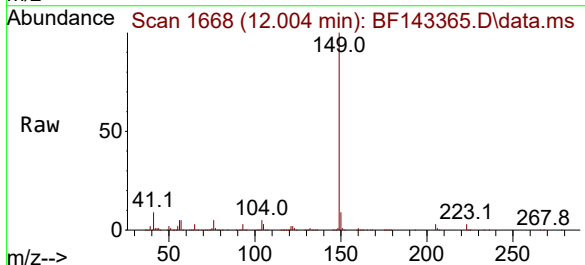
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

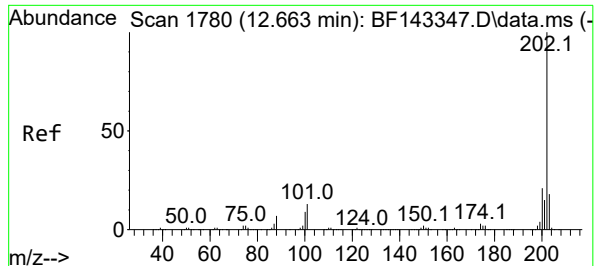
Tgt Ion:167 Resp: 739655
 Ion Ratio Lower Upper
 167 100
 166 21.8 16.8 25.2
 139 13.0 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 42.222 ng
 RT: 12.004 min Scan# 1668
 Delta R.T. -0.006 min
 Lab File: BF143365.D
 Acq: 13 Aug 2025 10:00

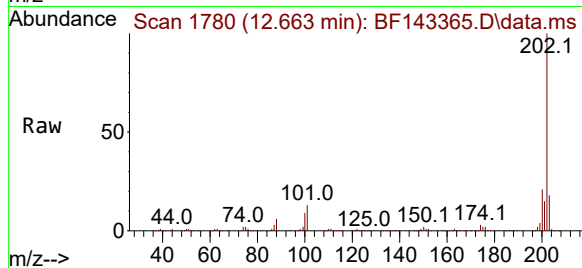
Tgt Ion:149 Resp: 766597
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 4.7 3.8 5.8



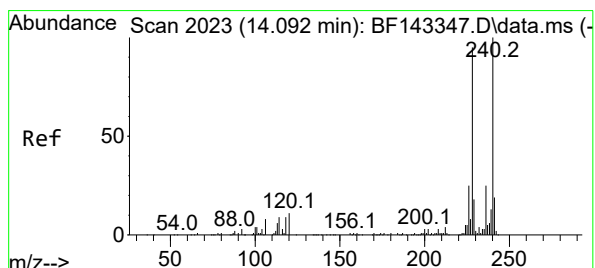
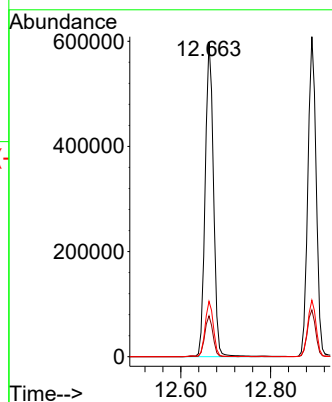


#75
Fluoranthene
Concen: 35.308 ng
RT: 12.663 min Scan# 1780
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

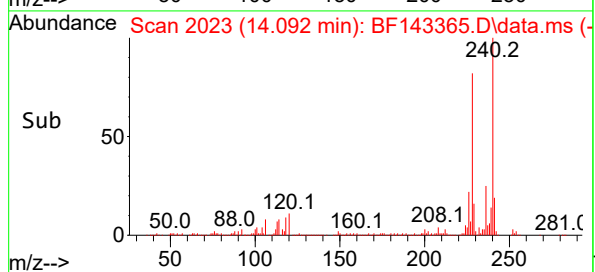
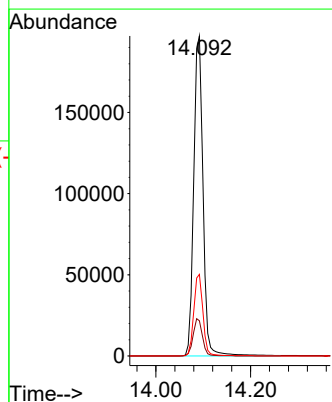
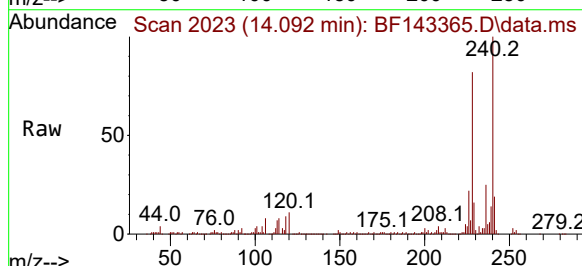


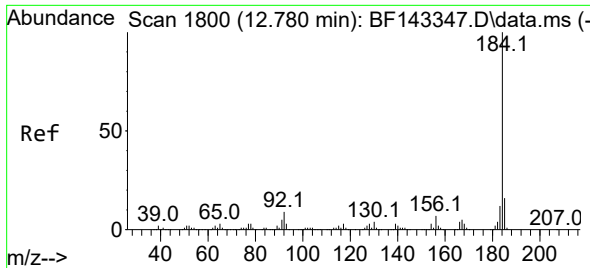
Tgt Ion:202 Resp: 768327
Ion Ratio Lower Upper
202 100
101 13.0 0.0 33.2
203 17.6 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Tgt Ion:240 Resp: 268507
Ion Ratio Lower Upper
240 100
120 11.0 9.0 13.6
236 25.5 19.9 29.9

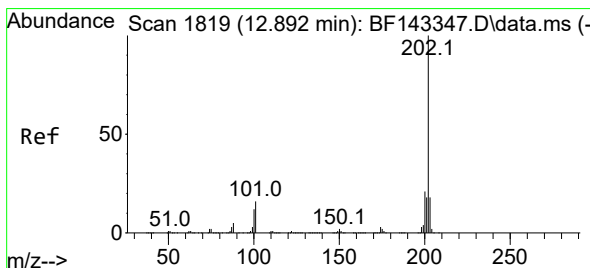
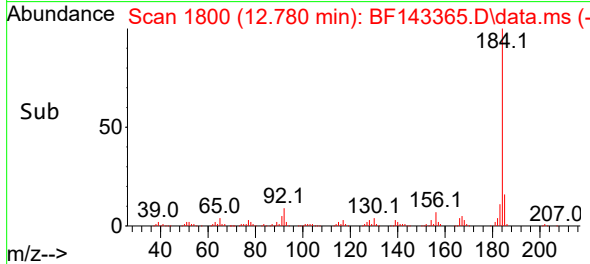
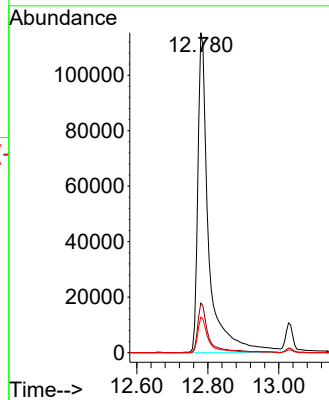
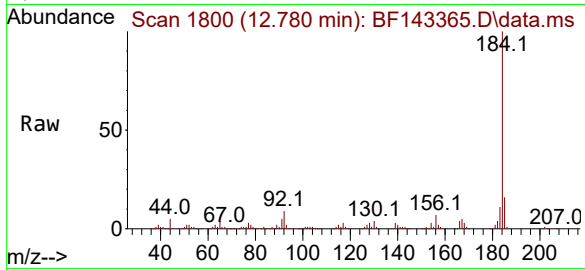




#77
Benzidine
Concen: 33.832 ng
RT: 12.780 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

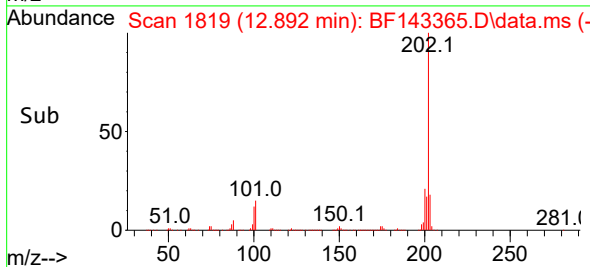
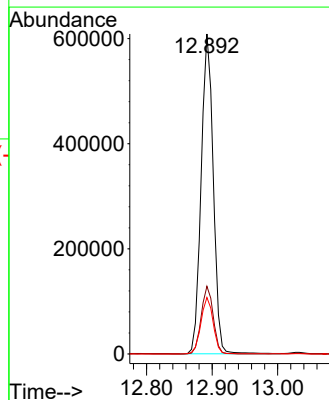
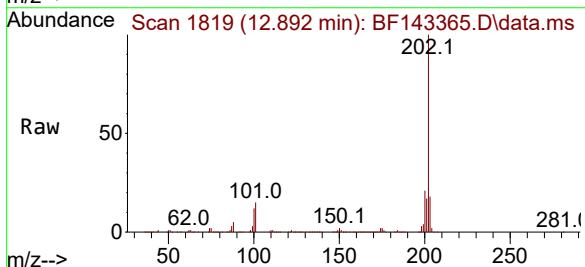
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

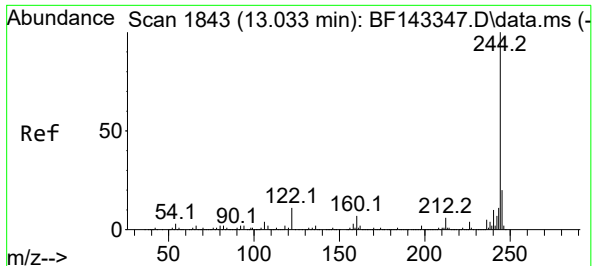
Tgt Ion:184 Resp: 248352
Ion Ratio Lower Upper
184 100
185 15.5 12.8 19.2
183 11.1 9.3 13.9



#78
Pyrene
Concen: 34.808 ng
RT: 12.892 min Scan# 1819
Delta R.T. -0.000 min
Lab File: BF143365.D
Acq: 13 Aug 2025 10:00

Tgt Ion:202 Resp: 784051
Ion Ratio Lower Upper
202 100
200 21.2 16.8 25.2
203 17.7 14.2 21.4





#79

Terphenyl-d14

Concen: 73.795 ng

RT: 13.027 min Scan# 1843

Delta R.T. -0.006 min

Lab File: BF143365.D

Acq: 13 Aug 2025 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

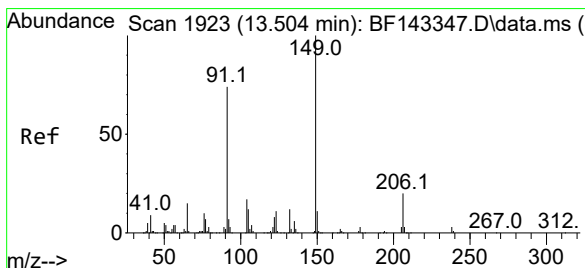
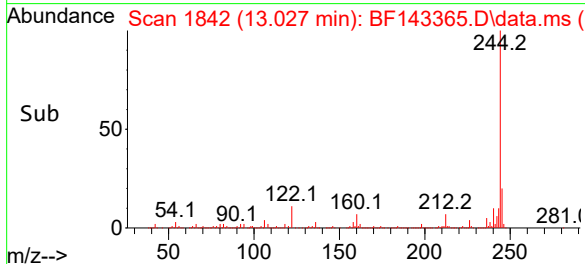
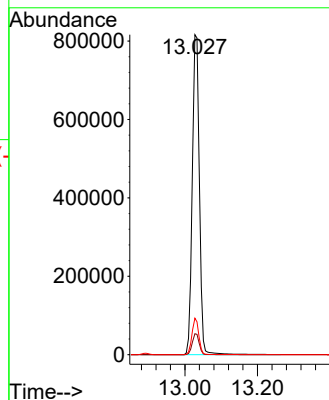
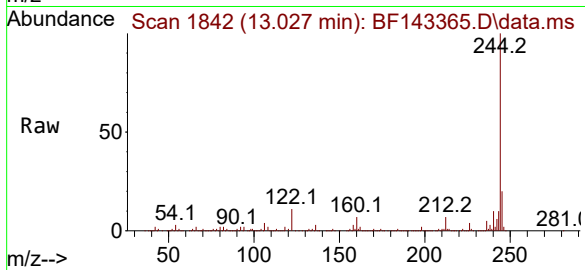
Tgt Ion:244 Resp: 1109838

Ion Ratio Lower Upper

244 100

212 6.5 5.1 7.7

122 11.4 8.9 13.3



#80

Butylbenzylphthalate

Concen: 53.869 ng

RT: 13.504 min Scan# 1923

Delta R.T. -0.000 min

Lab File: BF143365.D

Acq: 13 Aug 2025 10:00

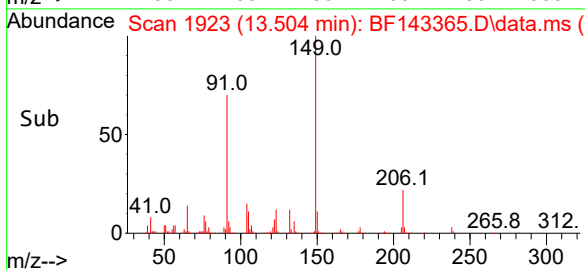
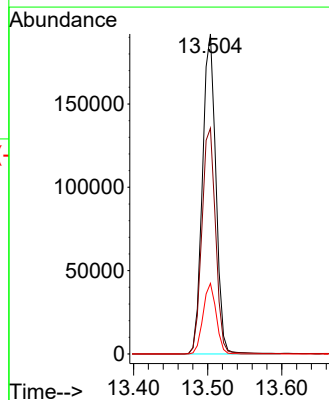
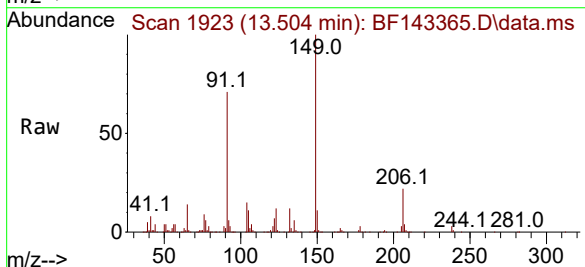
Tgt Ion:149 Resp: 241746

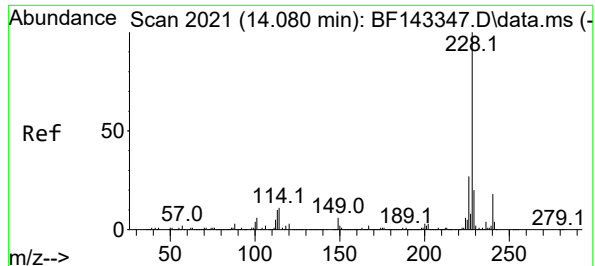
Ion Ratio Lower Upper

149 100

91 70.6 58.8 88.2

206 22.1 16.4 24.6





#81

Benzo(a)anthracene

Concen: 36.260 ng

RT: 14.080 min Scan# 2021

Delta R.T. -0.000 min

Lab File: BF143365.D

Acq: 13 Aug 2025 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

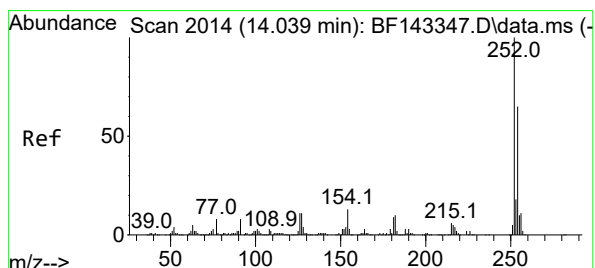
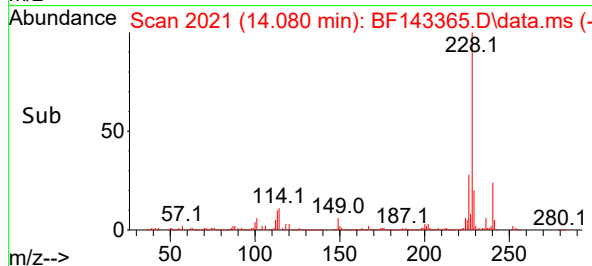
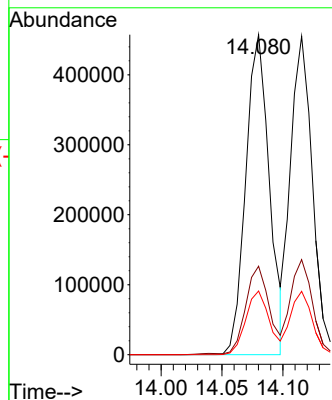
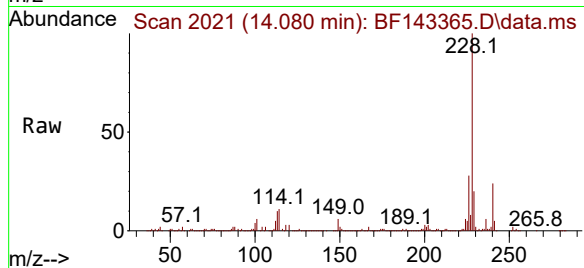
Tgt Ion:228 Resp: 618813

Ion Ratio Lower Upper

228 100

226 27.7 22.0 33.0

229 19.9 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 44.084 ng

RT: 14.039 min Scan# 2014

Delta R.T. -0.000 min

Lab File: BF143365.D

Acq: 13 Aug 2025 10:00

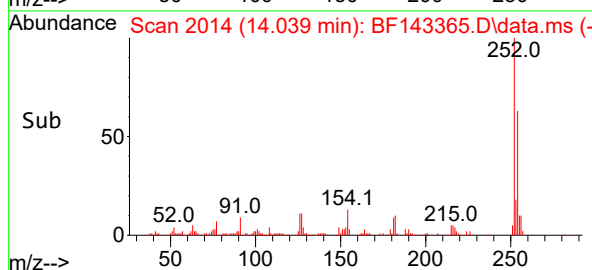
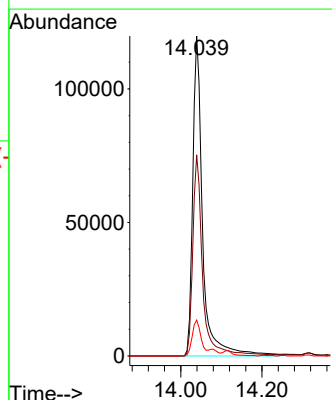
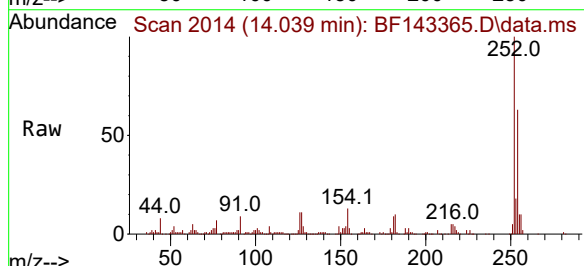
Tgt Ion:252 Resp: 203149

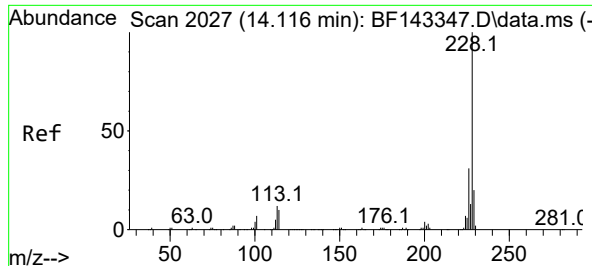
Ion Ratio Lower Upper

252 100

254 62.8 51.7 77.5

126 11.2 9.2 13.8





#83

Chrysene

Concen: 37.266 ng

RT: 14.115 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF143365.D

Acq: 13 Aug 2025 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

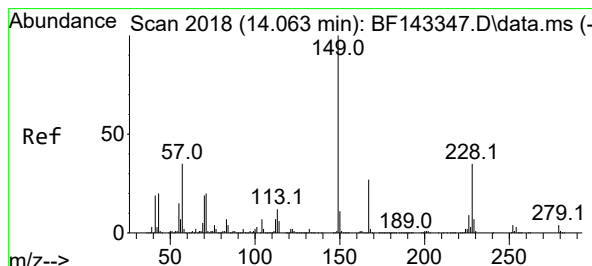
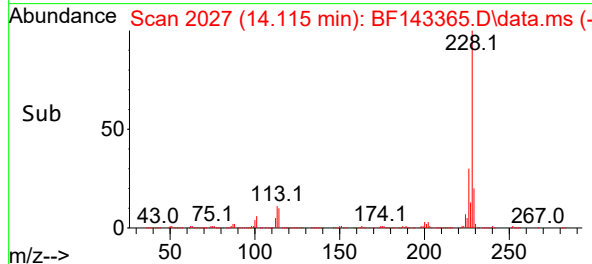
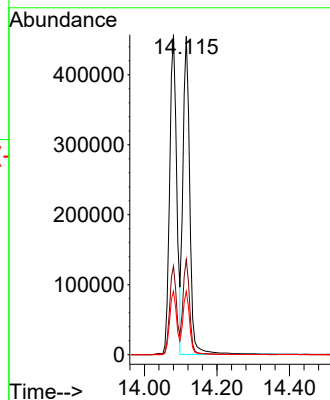
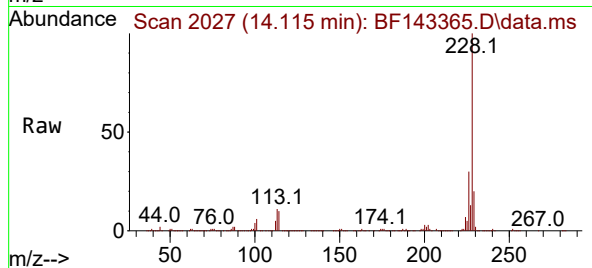
Tgt Ion:228 Resp: 593023

Ion Ratio Lower Upper

228 100

226 29.9 24.2 36.2

229 19.9 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.318 ng

RT: 14.062 min Scan# 2018

Delta R.T. -0.001 min

Lab File: BF143365.D

Acq: 13 Aug 2025 10:00

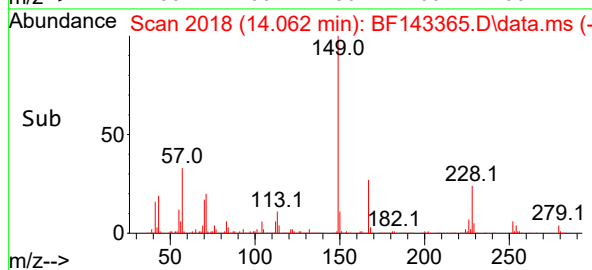
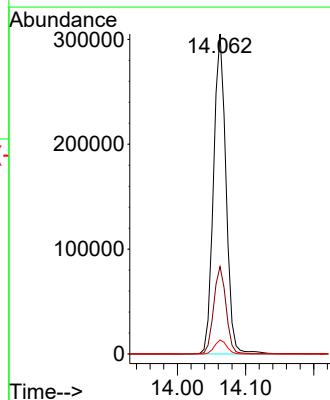
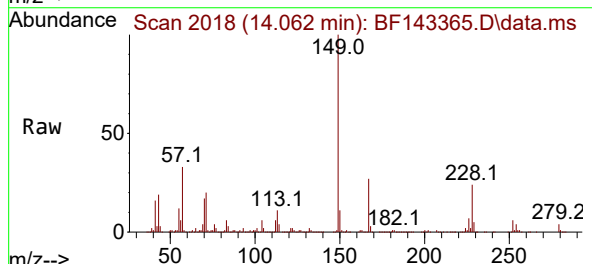
Tgt Ion:149 Resp: 387949

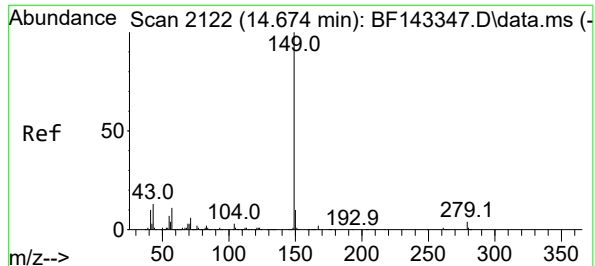
Ion Ratio Lower Upper

149 100

167 27.3 21.4 32.0

279 4.3 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 55.364 ng

RT: 14.674 min Scan# 2122

Delta R.T. 0.000 min

Lab File: BF143365.D

Acq: 13 Aug 2025 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

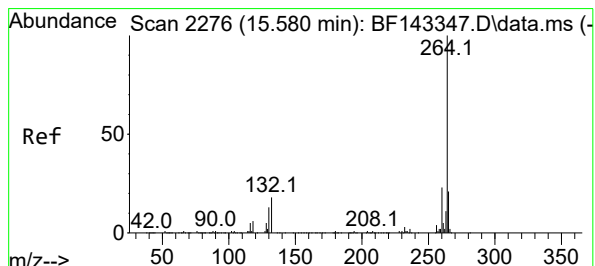
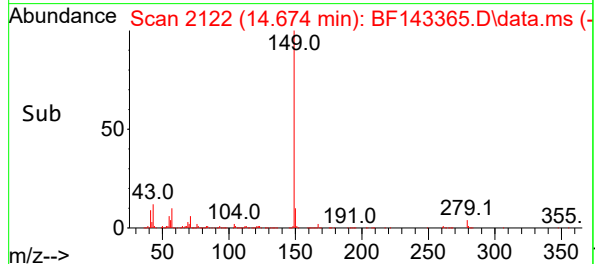
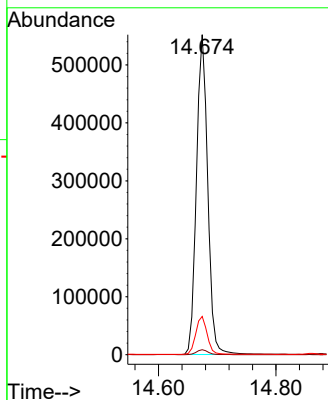
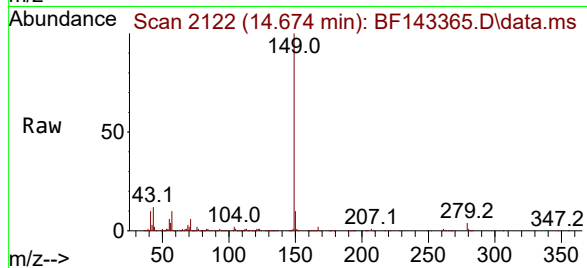
Tgt Ion:149 Resp: 735485

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 12.2 10.8 16.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.580 min Scan# 2276

Delta R.T. -0.000 min

Lab File: BF143365.D

Acq: 13 Aug 2025 10:00

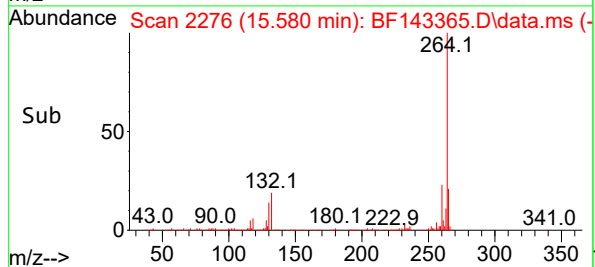
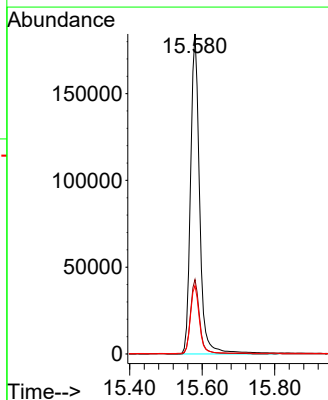
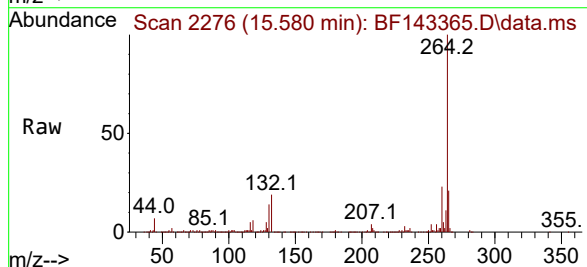
Tgt Ion:264 Resp: 321267

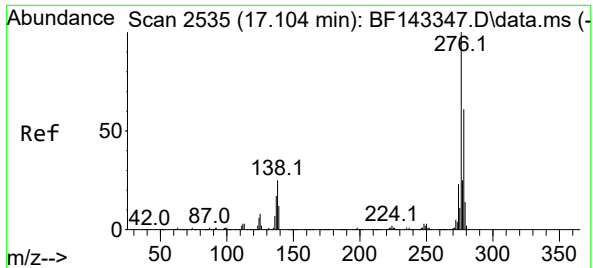
Ion Ratio Lower Upper

264 100

260 23.3 18.7 28.1

265 21.4 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 37.631 ng

RT: 17.098 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143365.D

Acq: 13 Aug 2025 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

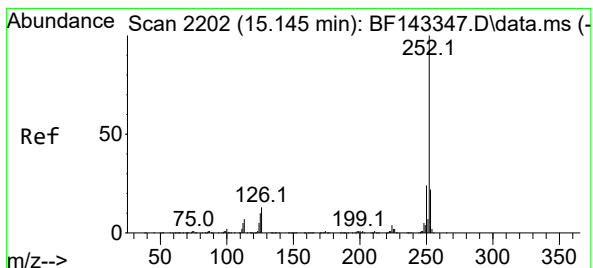
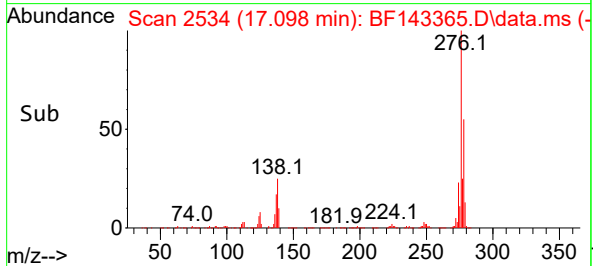
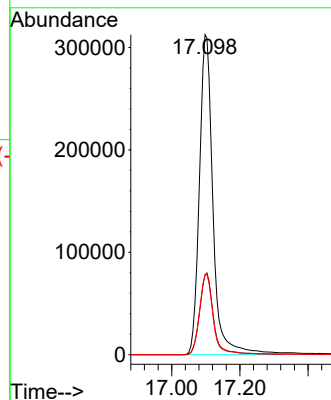
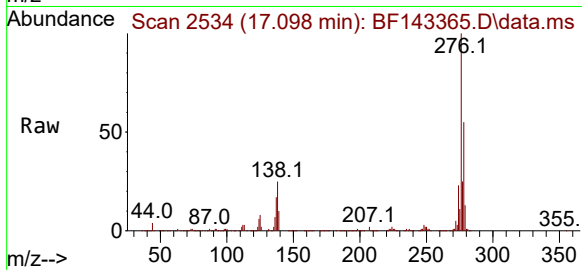
Tgt Ion:276 Resp: 866144

Ion Ratio Lower Upper

276 100

138 26.2 21.1 31.7

277 25.4 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 39.006 ng

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: BF143365.D

Acq: 13 Aug 2025 10:00

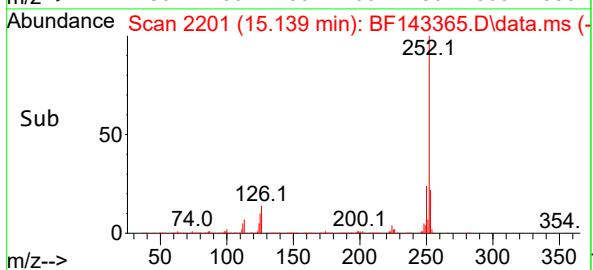
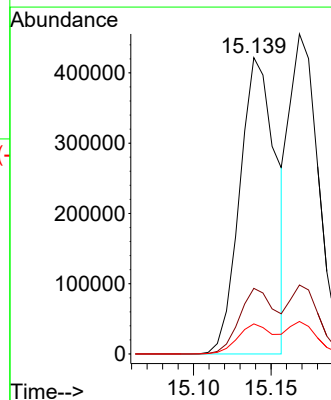
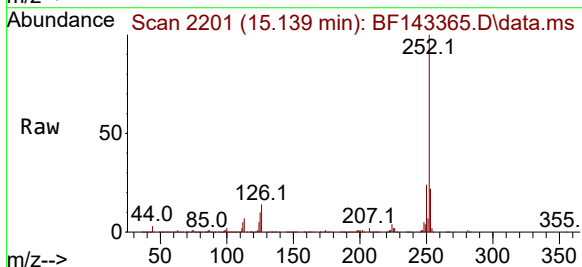
Tgt Ion:252 Resp: 685407

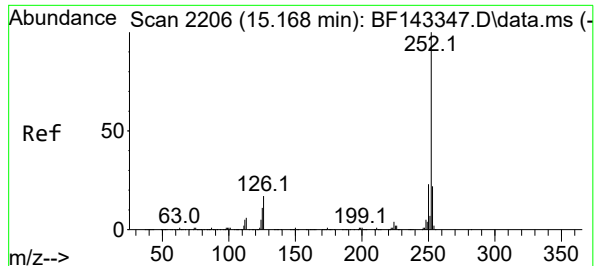
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 10.1 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 36.040 ng

RT: 15.168 min Scan# 2206

Delta R.T. -0.000 min

Lab File: BF143365.D

Acq: 13 Aug 2025 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

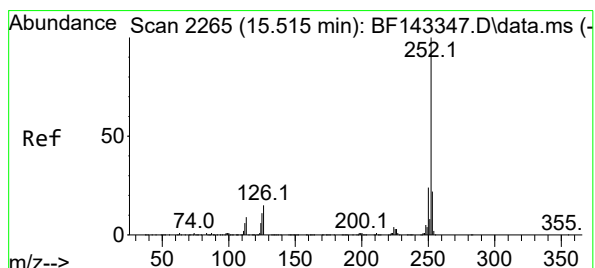
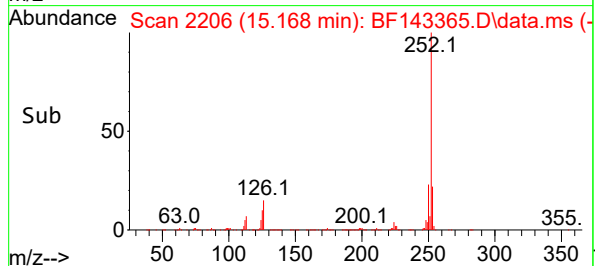
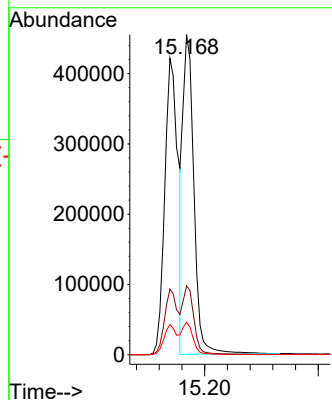
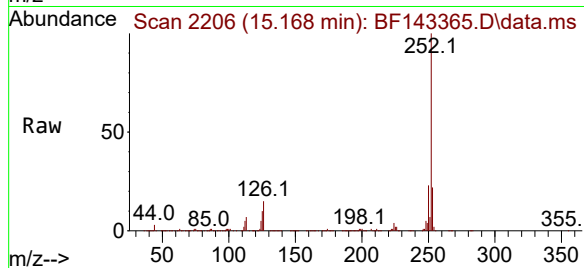
Tgt Ion:252 Resp: 615365

Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

125 10.2 8.4 12.6



#90

Benzo(a)pyrene

Concen: 37.093 ng

RT: 15.515 min Scan# 2265

Delta R.T. -0.000 min

Lab File: BF143365.D

Acq: 13 Aug 2025 10:00

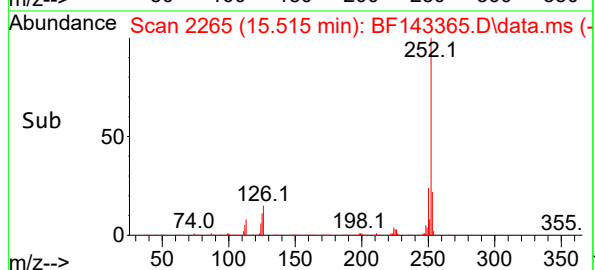
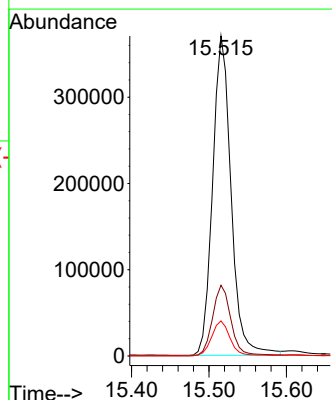
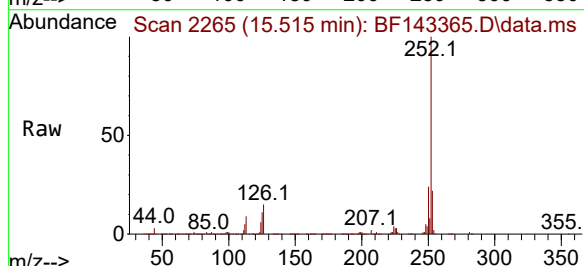
Tgt Ion:252 Resp: 613881

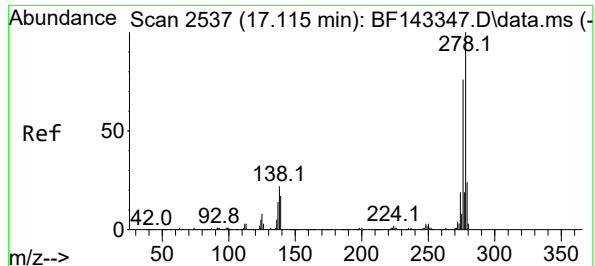
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 10.9 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 38.581 ng

RT: 17.109 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143365.D

Acq: 13 Aug 2025 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

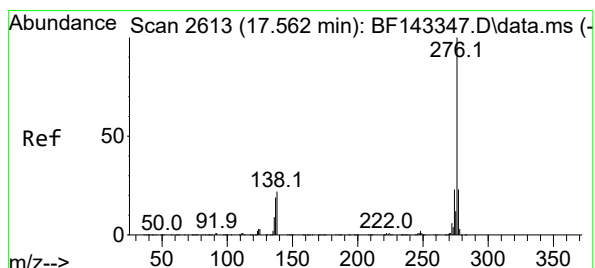
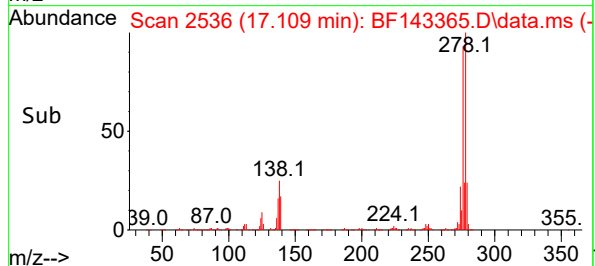
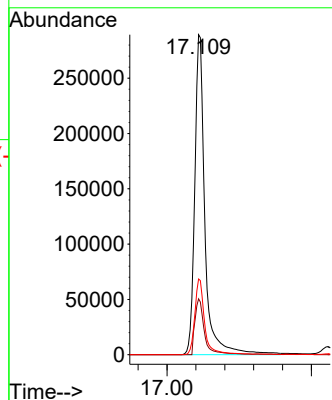
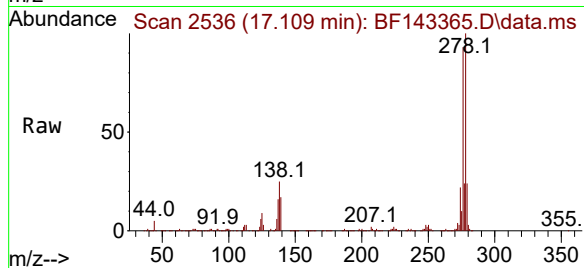
Tgt Ion:278 Resp: 709428

Ion Ratio Lower Upper

278 100

139 17.5 14.0 21.0

279 23.7 19.4 29.0



#92

Benzo(g,h,i)perylene

Concen: 36.122 ng

RT: 17.556 min Scan# 2612

Delta R.T. -0.006 min

Lab File: BF143365.D

Acq: 13 Aug 2025 10:00

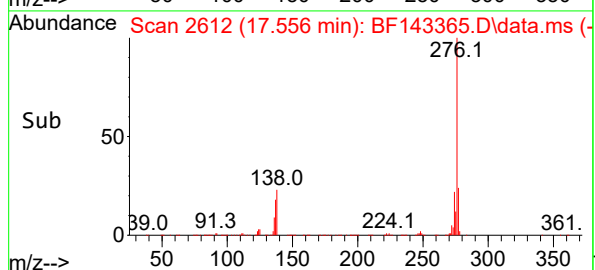
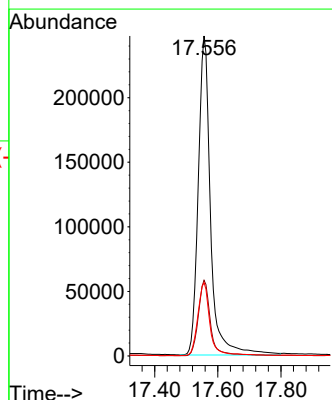
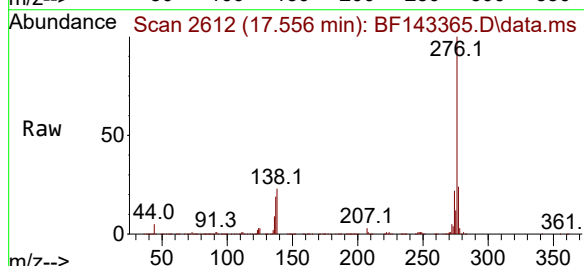
Tgt Ion:276 Resp: 669117

Ion Ratio Lower Upper

276 100

277 23.6 18.7 28.1

138 22.9 17.8 26.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
 Data File : BF143365.D
 Acq On : 13 Aug 2025 10:00
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Aug 13 11:48:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 12 13:25:39 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	93	0.00
2	1,4-Dioxane	0.598	0.537	10.2	84	-0.02
3	Pyridine	1.595	1.455	8.8	84	-0.01
4	n-Nitrosodimethylamine	0.743	0.667	10.2	82	-0.02
5 S	2-Fluorophenol	1.157	1.077	6.9	85	0.00
6	Aniline	2.091	1.857	11.2	82	0.00
7 S	Phenol-d6	1.483	1.334	10.0	83	0.00
8	2-Chlorophenol	1.236	1.195	3.3	88	0.00
9	Benzaldehyde	0.980	0.870	11.2	80	0.00
10 C	Phenol	1.757	1.609	8.4	84	0.00
11	bis(2-Chloroethyl)ether	1.295	1.200	7.3	86	0.00
12	1,3-Dichlorobenzene	1.425	1.294	9.2	84	0.00
13 C	1,4-Dichlorobenzene	1.431	1.316	8.0	87	0.00
14	1,2-Dichlorobenzene	1.358	1.245	8.3	86	0.00
15	Benzyl Alcohol	1.063	1.003	5.6	86	0.00
16	2,2'-oxybis(1-Chloropropane	2.312	2.149	7.1	86	0.00
17	2-Methylphenol	1.043	0.939	10.0	82	0.00
18	Hexachloroethane	0.449	0.453	-0.9	91	0.00
19 P	n-Nitroso-di-n-propylamine	0.916	0.821	10.4	84	0.00
20	3+4-Methylphenols	1.262	1.144	9.4	83	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	90	0.00
22	Acetophenone	0.441	0.396	10.2	83	0.00
23 S	Nitrobenzene-d5	0.321	0.325	-1.2	87	0.00
24	Nitrobenzene	0.349	0.338	3.2	85	0.00
25	Isophorone	0.656	0.596	9.1	83	0.00
26 C	2-Nitrophenol	0.118	0.159	-34.7#	113	0.00
27	2,4-Dimethylphenol	0.274	0.264	3.6	85	0.00
28	bis(2-Chloroethoxy)methane	0.400	0.377	5.8	86	0.00
29 C	2,4-Dichlorophenol	0.267	0.259	3.0	85	0.00
30	1,2,4-Trichlorobenzene	0.282	0.267	5.3	86	0.00
31	Naphthalene	0.962	0.881	8.4	84	0.00
32	Benzoic acid	0.110	0.130	-18.2	108	0.00
33	4-Chloroaniline	0.347	0.317	8.6	82	0.00
34 C	Hexachlorobutadiene	0.175	0.172	1.7	88	0.00
35	Caprolactam	0.075	0.067	10.7	77	0.00
36 C	4-Chloro-3-methylphenol	0.280	0.261	6.8	82	0.00
37	2-Methylnaphthalene	0.633	0.580	8.4	84	0.00
38	1-Methylnaphthalene	0.609	0.558	8.4	84	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	91	0.00
40	1,2,4,5-Tetrachlorobenzene	0.547	0.517	5.5	87	0.00
41 P	Hexachlorocyclopentadiene	0.158	0.203	-28.5#	111	0.00
42 S	2,4,6-Tribromophenol	0.146	0.155	-6.2	88	0.00
43 C	2,4,6-Trichlorophenol	0.311	0.302	2.9	82	0.00
44	2,4,5-Trichlorophenol	0.351	0.334	4.8	81	0.00
45 S	2-Fluorobiphenyl	1.179	1.063	9.8	86	0.00
46	1,1'-Biphenyl	1.414	1.295	8.4	85	0.00
47	2-Chloronaphthalene	1.114	1.020	8.4	85	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
 Data File : BF143365.D
 Acq On : 13 Aug 2025 10:00
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Aug 13 11:48:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 12 13:25:39 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	0.284	0.317	-11.6	93	0.00
49	Acenaphthylene	1.608	1.448	10.0	83	0.00
50	Dimethylphthalate	1.169	1.088	6.9	84	0.00
51	2,6-Dinitrotoluene	0.193	0.227	-17.6	97	0.00
52 C	Acenaphthene	1.069	0.988	7.6	85	0.00
53	3-Nitroaniline	0.239	0.251	-5.0	88	0.00
54 P	2,4-Dinitrophenol	0.065	0.087	-33.8#	121	0.00
55	Dibenzofuran	1.539	1.391	9.6	84	0.00
56 P	4-Nitrophenol	0.163	0.169	-3.7	89	0.00
57	2,4-Dinitrotoluene	0.256	0.301	-17.6	95	0.00
58	Fluorene	1.175	1.049	10.7	84	0.00
59	2,3,4,6-Tetrachlorophenol	0.236	0.251	-6.4	90	0.00
60	Diethylphthalate	1.047	0.995	5.0	84	0.00
61	4-Chlorophenyl-phenylether	0.568	0.526	7.4	85	0.00
62	4-Nitroaniline	0.232	0.220	5.2	81	0.00
63	Azobenzene	1.196	1.084	9.4	83	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	88	0.00
65	4,6-Dinitro-2-methylphenol	0.069	0.092	-33.3#	114	0.00
66 c	n-Nitrosodiphenylamine	0.659	0.614	6.8	82	0.00
67	4-Bromophenyl-phenylether	0.229	0.225	1.7	85	0.00
68	Hexachlorobenzene	0.247	0.235	4.9	85	0.00
69	Atrazine	0.172	0.162	5.8	80	0.00
70 C	Pentachlorophenol	0.101	0.184	-82.2#	150	0.00
71	Phenanthrene	1.091	0.981	10.1	80	0.00
72	Anthracene	1.107	1.018	8.0	82	0.00
73	Carbazole	0.942	0.812	13.8	77	0.00
74	Di-n-butylphthalate	0.798	0.842	-5.5	86	0.00
75 C	Fluoranthene	0.956	0.844	11.7	81	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	93	0.00
77	Benzidine	0.547	0.462	15.5	72	0.00
78	Pyrene	1.678	1.460	13.0	81	0.00
79 S	Terphenyl-d14	1.120	1.033	7.8	88	0.00
80	Butylbenzylphthalate	0.284	0.450	-58.5#	137	0.00
81	Benzo(a)anthracene	1.271	1.152	9.4	85	0.00
82	3,3'-Dichlorobenzidine	0.343	0.378	-10.2	96	0.00
83	Chrysene	1.185	1.104	6.8	87	0.00
84	Bis(2-ethylhexyl)phthalate	0.403	0.722	-79.2#	151#	0.00
85 c	Di-n-octyl phthalate	0.860	1.370	-59.3#	143	0.00
86 I	Perylene-d12	1.000	1.000	0.0	98	0.00
87	Indeno(1,2,3-cd)pyrene	1.433	1.348	5.9	91	0.00
88	Benzo(b)fluoranthene	1.094	1.067	2.5	93	0.00
89	Benzo(k)fluoranthene	1.063	0.958	9.9	91	0.00
90 C	Benzo(a)pyrene	1.030	0.955	7.3	91	0.00
91	Dibenzo(a,h)anthracene	1.145	1.104	3.6	92	0.00
92	Benzo(g,h,i)perylene	1.153	1.041	9.7	87	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
Data File : BF143365.D
Acq On : 13 Aug 2025 10:00
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Aug 13 11:48:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 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 = 3

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
 Data File : BF143365.D
 Acq On : 13 Aug 2025 10:00
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Aug 13 11:48:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 12 13:25:39 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	93	0.00
2	1,4-Dioxane	40.000	35.924	10.2	84	-0.02
3	Pyridine	40.000	36.505	8.7	84	-0.01
4	n-Nitrosodimethylamine	40.000	35.930	10.2	82	-0.02
5 S	2-Fluorophenol	80.000	74.486	6.9	85	0.00
6	Aniline	40.000	35.529	11.2	82	0.00
7 S	Phenol-d6	80.000	71.982	10.0	83	0.00
8	2-Chlorophenol	40.000	38.676	3.3	88	0.00
9	Benzaldehyde	40.000	35.508	11.2	80	0.00
10 C	Phenol	40.000	36.630	8.4	84	0.00
11	bis(2-Chloroethyl)ether	40.000	37.079	7.3	86	0.00
12	1,3-Dichlorobenzene	40.000	36.300	9.3	84	0.00
13 C	1,4-Dichlorobenzene	40.000	36.786	8.0	87	0.00
14	1,2-Dichlorobenzene	40.000	36.671	8.3	86	0.00
15	Benzyl Alcohol	40.000	37.736	5.7	86	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	37.180	7.1	86	0.00
17	2-Methylphenol	40.000	36.019	10.0	82	0.00
18	Hexachloroethane	40.000	40.381	-1.0	91	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	35.828	10.4	84	0.00
20	3+4-Methylphenols	40.000	36.261	9.3	83	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	90	0.00
22	Acetophenone	40.000	35.949	10.1	83	0.00
23 S	Nitrobenzene-d5	80.000	80.892	-1.1	87	0.00
24	Nitrobenzene	40.000	38.773	3.1	85	0.00
25	Isophorone	40.000	36.381	9.0	83	0.00
26 C	2-Nitrophenol	40.000	45.743	-14.4	113	0.00
27	2,4-Dimethylphenol	40.000	38.616	3.5	85	0.00
28	bis(2-Chloroethoxy)methane	40.000	37.694	5.8	86	0.00
29 C	2,4-Dichlorophenol	40.000	38.733	3.2	85	0.00
30	1,2,4-Trichlorobenzene	40.000	37.843	5.4	86	0.00
31	Naphthalene	40.000	36.636	8.4	84	0.00
32	Benzoic acid	40.000	44.806	-12.0	108	0.00
33	4-Chloroaniline	40.000	36.478	8.8	82	0.00
34 C	Hexachlorobutadiene	40.000	39.158	2.1	88	0.00
35	Caprolactam	40.000	35.661	10.8	77	0.00
36 C	4-Chloro-3-methylphenol	40.000	37.312	6.7	82	0.00
37	2-Methylnaphthalene	40.000	36.699	8.3	84	0.00
38	1-Methylnaphthalene	40.000	36.634	8.4	84	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	91	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	37.763	5.6	87	0.00
41 P	Hexachlorocyclopentadiene	40.000	45.170	-12.9	111	0.00
42 S	2,4,6-Tribromophenol	80.000	84.775	-6.0	88	0.00
43 C	2,4,6-Trichlorophenol	40.000	38.847	2.9	82	0.00
44	2,4,5-Trichlorophenol	40.000	38.112	4.7	81	0.00
45 S	2-Fluorobiphenyl	80.000	72.088	9.9	86	0.00
46	1,1'-Biphenyl	40.000	36.625	8.4	85	0.00
47	2-Chloronaphthalene	40.000	36.637	8.4	85	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
 Data File : BF143365.D
 Acq On : 13 Aug 2025 10:00
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Aug 13 11:48:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 12 13:25:39 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	39.994	0.0	93	0.00
49	Acenaphthylene	40.000	36.019	10.0	83	0.00
50	Dimethylphthalate	40.000	37.229	6.9	84	0.00
51	2,6-Dinitrotoluene	40.000	41.532	-3.8	97	0.00
52 C	Acenaphthene	40.000	36.969	7.6	85	0.00
53	3-Nitroaniline	40.000	41.943	-4.9	88	0.00
54 P	2,4-Dinitrophenol	40.000	47.847	-19.6	121	0.00
55	Dibenzofuran	40.000	36.166	9.6	84	0.00
56 P	4-Nitrophenol	40.000	38.411	4.0	89	0.00
57	2,4-Dinitrotoluene	40.000	41.474	-3.7	95	0.00
58	Fluorene	40.000	35.714	10.7	84	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	42.436	-6.1	90	0.00
60	Diethylphthalate	40.000	38.014	5.0	84	0.00
61	4-Chlorophenyl-phenylether	40.000	37.027	7.4	85	0.00
62	4-Nitroaniline	40.000	37.977	5.1	81	0.00
63	Azobenzene	40.000	36.252	9.4	83	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	88	0.00
65	4,6-Dinitro-2-methylphenol	40.000	45.753	-14.4	114	0.00
66 c	n-Nitrosodiphenylamine	40.000	37.268	6.8	82	0.00
67	4-Bromophenyl-phenylether	40.000	39.268	1.8	85	0.00
68	Hexachlorobenzene	40.000	38.169	4.6	85	0.00
69	Atrazine	40.000	37.642	5.9	80	0.00
70 C	Pentachlorophenol	40.000	62.487	-56.2#	150	0.00
71	Phenanthrene	40.000	35.951	10.1	80	0.00
72	Anthracene	40.000	36.793	8.0	82	0.00
73	Carbazole	40.000	34.473	13.8	77	0.00
74	Di-n-butylphthalate	40.000	42.222	-5.6	86	0.00
75 C	Fluoranthene	40.000	35.308	11.7	81	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	93	0.00
77	Benzydine	40.000	33.832	15.4	72	0.00
78	Pyrene	40.000	34.808	13.0	81	0.00
79 S	Terphenyl-d14	80.000	73.795	7.8	88	0.00
80	Butylbenzylphthalate	40.000	53.869	-34.7#	137	0.00
81	Benzo(a)anthracene	40.000	36.260	9.4	85	0.00
82	3,3'-Dichlorobenzidine	40.000	44.084	-10.2	96	0.00
83	Chrysene	40.000	37.266	6.8	87	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	58.318	-45.8#	151	0.00
85 c	Di-n-octyl phthalate	40.000	55.364	-38.4#	143	0.00
86 I	Perylene-d12	20.000	20.000	0.0	98	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	37.631	5.9	91	0.00
88	Benzo(b)fluoranthene	40.000	39.006	2.5	93	0.00
89	Benzo(k)fluoranthene	40.000	36.040	9.9	91	0.00
90 C	Benzo(a)pyrene	40.000	37.093	7.3	91	0.00
91	Dibenzo(a,h)anthracene	40.000	38.581	3.5	92	0.00
92	Benzo(g,h,i)perylene	40.000	36.122	9.7	87	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
Data File : BF143365.D
Acq On : 13 Aug 2025 10:00
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Aug 13 11:48:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 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 = 2



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>GENV01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2826</u>
Instrument ID:	<u>BNA_P</u>	Calibration Date/Time:	<u>08/18/2025 10:39</u>
Lab File ID:	<u>BP025455.D</u>	Init. Calib. Date(s):	<u>08/14/2025 08/14/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>12:33 17:24</u>
GC Column:	<u>ZB-GR</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.204	1.235		2.6	
Benzaldehyde	1.082	1.303		20.4	
Phenol-d6	1.544	1.590		3.0	
Phenol	1.620	1.656		2.2	20.0
bis(2-Chloroethyl)ether	1.263	1.286		1.8	
2-Chlorophenol	1.359	1.381		1.6	
2-Methylphenol	1.125	1.153		2.5	
2,2-oxybis(1-Chloropropane)	1.692	1.765		4.3	
Acetophenone	0.502	0.501		-0.2	
3+4-Methylphenols	1.560	1.576		1.0	
n-Nitroso-di-n-propylamine	1.023	1.040	0.050	1.7	
Nitrobenzene-d5	0.395	0.398		0.8	
Hexachloroethane	0.563	0.576		2.3	
Nitrobenzene	0.353	0.357		1.1	
Isophorone	0.700	0.685		-2.1	
2-Nitrophenol	0.181	0.183		1.1	20.0
2,4-Dimethylphenol	0.312	0.308		-1.3	
bis(2-Chloroethoxy)methane	0.423	0.425		0.5	
2,4-Dichlorophenol	0.310	0.317		2.3	20.0
Naphthalene	1.040	1.026		-1.3	
4-Chloroaniline	0.459	0.458		-0.2	
Hexachlorobutadiene	0.211	0.207		-1.9	20.0
Caprolactam	0.114	0.113		-0.9	
4-Chloro-3-methylphenol	0.355	0.363		2.3	20.0
2-Methylnaphthalene	0.676	0.668		-1.2	
Hexachlorocyclopentadiene	0.349	0.479	0.050	37.2	
2,4,6-Trichlorophenol	0.390	0.407		4.4	20.0
2-Fluorobiphenyl	1.463	1.437		-1.8	
2,4,5-Trichlorophenol	0.427	0.443		3.7	
1,1-Biphenyl	1.453	1.458		0.3	
2-Chloronaphthalene	1.131	1.121		-0.9	
2-Nitroaniline	0.329	0.352		7.0	
Dimethylphthalate	1.465	1.456		-0.6	
Acenaphthylene	1.871	1.865		-0.3	
2,6-Dinitrotoluene	0.309	0.319		3.2	
3-Nitroaniline	0.347	0.358		3.2	
Acenaphthene	1.098	1.088		-0.9	20.0
2,4-Dinitrophenol	0.165	0.167	0.050	1.2	
4-Nitrophenol	0.285	0.290	0.050	1.8	



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>GENV01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2826</u>
Instrument ID:	<u>BNA_P</u>	Calibration Date/Time:	<u>08/18/2025 10:39</u>
Lab File ID:	<u>BP025455.D</u>	Init. Calib. Date(s):	<u>08/14/2025 08/14/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>12:33 17:24</u>
GC Column:	<u>ZB-GR</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.736	1.717		-1.1	
2,4-Dinitrotoluene	0.440	0.450		2.3	
Diethylphthalate	1.488	1.500		0.8	
4-Chlorophenyl-phenylether	0.681	0.663		-2.6	
Fluorene	1.370	1.347		-1.7	
4-Nitroaniline	0.356	0.365		2.5	
4,6-Dinitro-2-methylphenol	0.125	0.116		-7.2	
n-Nitrosodiphenylamine	0.610	0.623		2.1	20.0
2,4,6-Tribromophenol	0.269	0.270		0.4	
4-Bromophenyl-phenylether	0.220	0.224		1.8	
Hexachlorobenzene	0.255	0.253		-0.8	
Atrazine	0.228	0.233		2.2	
Pentachlorophenol	0.161	0.154		-4.3	20.0
Phenanthrene	1.099	1.124		2.3	
Anthracene	1.122	1.138		1.4	
Carbazole	1.057	1.069		1.1	
Di-n-butylphthalate	1.300	1.334		2.6	
Fluoranthene	1.311	1.325		1.1	20.0
Pyrene	1.300	1.310		0.8	
Terphenyl-d14	1.093	1.084		-0.8	
Butylbenzylphthalate	0.589	0.592		0.5	
3,3-Dichlorobenzidine	0.497	0.490		-1.4	
Benzo (a) anthracene	1.319	1.322		0.2	
Chrysene	1.235	1.263		2.3	
Bis(2-ethylhexyl)phthalate	0.867	0.880		1.5	
Di-n-octyl phthalate	1.492	1.489		-0.2	20.0
Benzo (b) fluoranthene	1.179	1.212		2.8	
Benzo (k) fluoranthene	1.180	1.195		1.3	
Benzo (a) pyrene	1.148	1.152		0.3	20.0
Indeno (1,2,3-cd) pyrene	1.467	1.451		-1.1	
Dibenzo (a,h) anthracene	1.199	1.196		-0.3	
Benzo (g,h,i) perylene	1.178	1.171		-0.6	
1,2,4,5-Tetrachlorobenzene	0.578	0.569		-1.6	
1,4-Dioxane	0.472	0.474		0.4	20.0
2,3,4,6-Tetrachlorophenol	0.377	0.395		4.8	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
 Data File : BP025455.D
 Acq On : 18 Aug 2025 10:39
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Rahul
 Chavli

Quant Time: Aug 18 12:42:03 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Aug 14 18:14:31 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.778	152	129439	20.000	ng	-0.03
21) Naphthalene-d8	10.548	136	550485	20.000	ng	-0.01
39) Acenaphthene-d10	14.401	164	359982	20.000	ng	0.00
64) Phenanthrene-d10	17.189	188	707933	20.000	ng	#-0.01
76) Chrysene-d12	21.630	240	748424	20.000	ng	-0.02
86) Perylene-d12	25.000	264	846697	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.396	112	639171	82.005	ng	-0.01
7) Phenol-d6	6.954	99	823098	82.368	ng	-0.01
23) Nitrobenzene-d5	8.925	82	876756	80.567	ng	-0.01
42) 2,4,6-Tribromophenol	15.901	330	388835	80.248	ng	-0.01
45) 2-Fluorobiphenyl	13.013	172	2068879	78.546	ng	0.00
79) Terphenyl-d14	19.918	244	3246131	79.354	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.325	88	122604	40.159	ng	98
3) Pyridine	3.719	79	334213	39.995	ng	96
4) n-Nitrosodimethylamine	3.625	42	143491	41.651	ng	98
6) Aniline	7.113	93	542872	40.321	ng	98
8) 2-Chlorophenol	7.354	128	357467	40.642	ng	99
9) Benzaldehyde	6.931	77	337420m	48.195	ng	
10) Phenol	6.978	94	428619	40.877	ng	96
11) bis(2-Chloroethyl)ether	7.207	93	332888	40.731	ng	97
12) 1,3-Dichlorobenzene	7.672	146	385845	39.784	ng	99
13) 1,4-Dichlorobenzene	7.813	146	394145	39.761	ng	98
14) 1,2-Dichlorobenzene	8.125	146	387260	40.357	ng	98
15) Benzyl Alcohol	8.007	79	319069	40.185	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.295	45	456910	41.734	ng	98
17) 2-Methylphenol	8.213	107	298449	40.981	ng	98
18) Hexachloroethane	8.854	117	149211	40.939	ng	97
19) n-Nitroso-di-n-propyla...	8.578	70	269300	40.685	ng	100
20) 3+4-Methylphenols	8.537	107	408076	40.425	ng	99
22) Acetophenone	8.589	105	551135	39.923	ng	98
24) Nitrobenzene	8.960	77	393372	40.447	ng	98
25) Isophorone	9.484	82	754224	39.163	ng	99
26) 2-Nitrophenol	9.672	139	201676	40.406	ng	99
27) 2,4-Dimethylphenol	9.725	122	338805	39.471	ng	98
28) bis(2-Chloroethoxy)met...	9.960	93	467674	40.173	ng	98
29) 2,4-Dichlorophenol	10.195	162	348762	40.902	ng	97
30) 1,2,4-Trichlorobenzene	10.413	180	367355	39.301	ng	99
31) Naphthalene	10.601	128	1130138	39.499	ng	99
32) Benzoic acid	9.854	122	300714	47.454	ng	97
33) 4-Chloroaniline	10.701	127	504246	39.898	ng	99
34) Hexachlorobutadiene	10.884	225	228134	39.190	ng	98
35) Caprolactam	11.489	113	124504	39.821	ng	99
36) 4-Chloro-3-methylphenol	11.831	107	399336	40.814	ng	99
37) 2-Methylnaphthalene	12.213	142	735528	39.503	ng	99
38) 1-Methylnaphthalene	12.425	142	777947	39.288	ng	99
40) 1,2,4,5-Tetrachloroben...	12.578	216	409880	39.424	ng	99
41) Hexachlorocyclopentadiene	12.560	237	344743	54.895	ng	97
43) 2,4,6-Trichlorophenol	12.819	196	293126	41.762	ng	99

08/19/2025

Supervised By :Jagru
 padhyay

08/19/2025

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
 Data File : BP025455.D
 Acq On : 18 Aug 2025 10:39
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Rahul
 Chavli

Quant Time: Aug 18 12:42:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

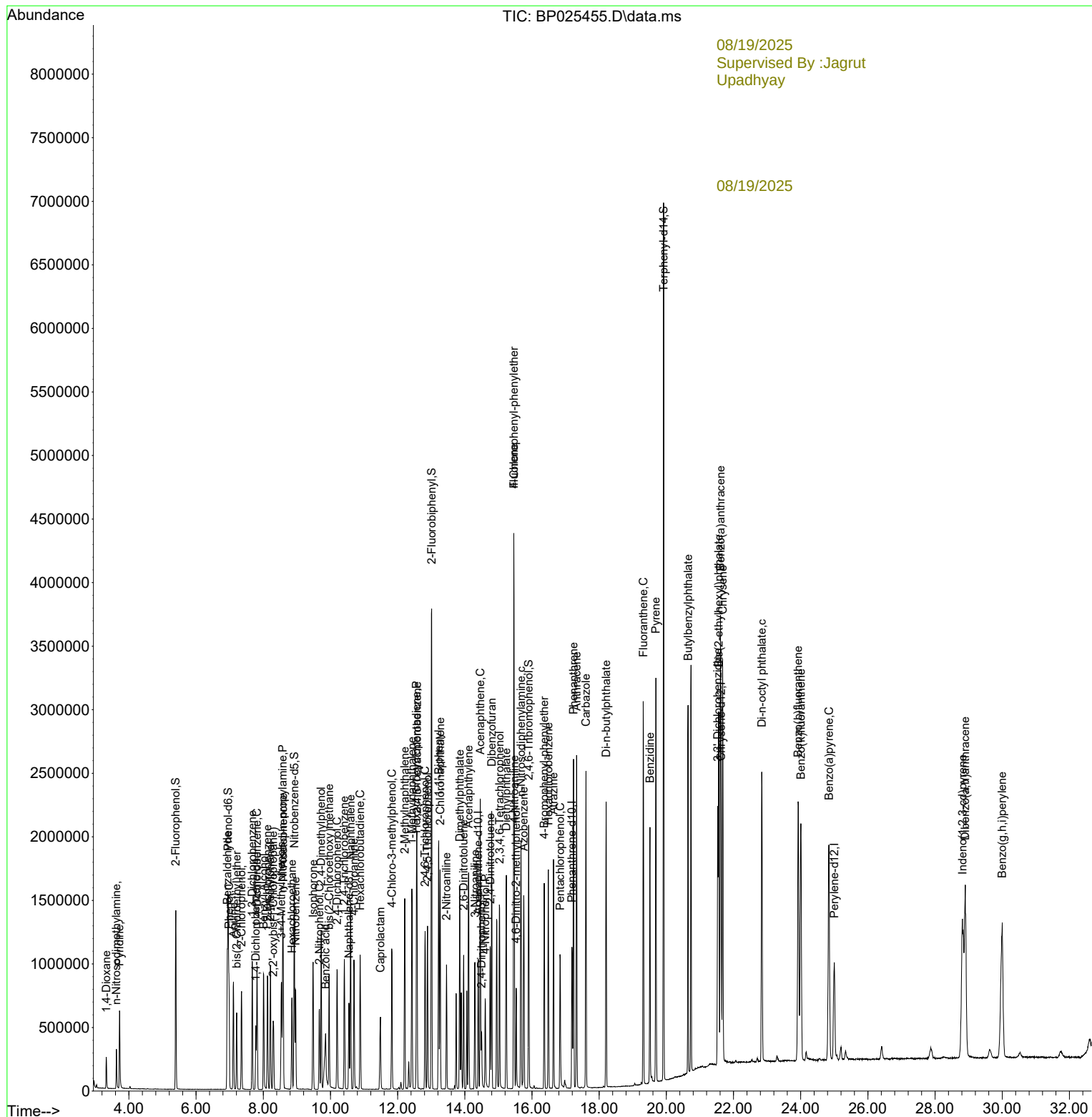
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.889	196	319297	41.507	ng	99
46) 1,1'-Biphenyl	13.225	154	1049348	40.137	ng	99
47) 2-Chloronaphthalene	13.266	162	806752	39.638	ng	100
48) 2-Nitroaniline	13.454	65	253588	42.761	ng	95
49) Acenaphthylene	14.113	152	1342750	39.870	ng	98
50) Dimethylphthalate	13.848	163	1048563	39.777	ng	99
51) 2,6-Dinitrotoluene	13.966	165	229491	41.304	ng	94
52) Acenaphthene	14.460	154	783467m	39.632	ng	08/19/2025
53) 3-Nitroaniline	14.301	138	257397	41.176	ng	99
54) 2,4-Dinitrophenol	14.501	184	119955	40.428	ng	99
55) Dibenzofuran	14.801	168	1236093	39.550	ng	99
56) 4-Nitrophenol	14.607	139	208534	40.596	ng	92
57) 2,4-Dinitrotoluene	14.760	165	323986	40.870	ng	99
58) Fluorene	15.460	166	970073	39.335	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.036	232	284196	41.840	ng	99
60) Diethylphthalate	15.236	149	1079798	40.313	ng	99
61) 4-Chlorophenyl-phenyle...	15.460	204	477262	38.912	ng	98
62) 4-Nitroaniline	15.477	138	262587	40.974	ng	97
63) Azobenzene	15.754	77	955133	41.644	ng	99
65) 4,6-Dinitro-2-methylph...	15.530	198	163748	37.107	ng	89
66) n-Nitrosodiphenylamine	15.671	169	881828	40.848	ng	99
67) 4-Bromophenyl-phenylether	16.366	248	316740	40.681	ng	96
68) Hexachlorobenzene	16.489	284	357689	39.631	ng	98
69) Atrazine	16.642	200	329195	40.719	ng	98
70) Pentachlorophenol	16.836	266	218464	38.345	ng	97
71) Phenanthrene	17.236	178	1592132	40.940	ng	99
72) Anthracene	17.330	178	1611288	40.573	ng	100
73) Carbazole	17.607	167	1513389	40.458	ng	99
74) Di-n-butylphthalate	18.207	149	1888886	41.042	ng	100
75) Fluoranthene	19.312	202	1875973	40.441	ng	99
77) Benzidine	19.512	184	1101599	43.129	ng	99
78) Pyrene	19.689	202	1960510	40.302	ng	99
80) Butylbenzylphthalate	20.648	149	886026	40.189	ng	98
81) Benzo(a)anthracene	21.612	228	1979219	40.099	ng	100
82) 3,3'-Dichlorobenzidine	21.530	252	733316	39.416	ng	99
83) Chrysene	21.677	228	1891222	40.914	ng	99
84) Bis(2-ethylhexyl)phtha...	21.559	149	1316742	40.573	ng	99
85) Di-n-octyl phthalate	22.842	149	2229136	39.933	ng	98
87) Indeno(1,2,3-cd)pyrene	28.818	276	2456533	39.562	ng	95
88) Benzo(b)fluoranthene	23.924	252	2052802	41.116	ng	100
89) Benzo(k)fluoranthene	24.006	252	2023948	40.510	ng	99
90) Benzo(a)pyrene	24.842	252	1950603	40.136	ng	99
91) Dibenzo(a,h)anthracene	28.900	278	2024887	39.905	ng	100
92) Benzo(g,h,i)perylene	30.000	276	1983435	39.764	ng	98

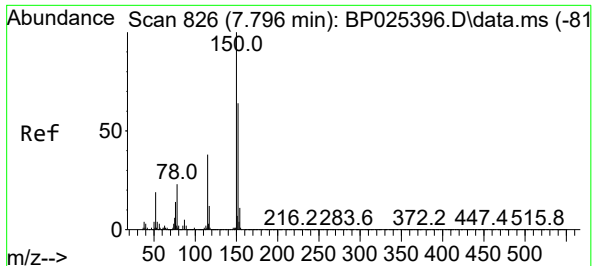
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

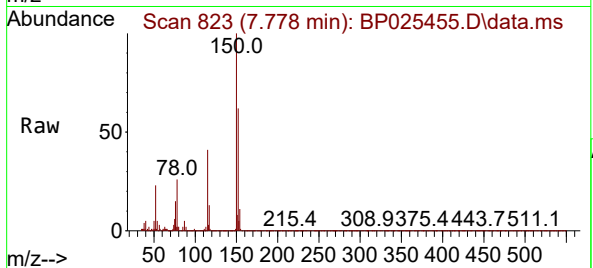
Reviewed By :Rahul Chayli





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.778 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

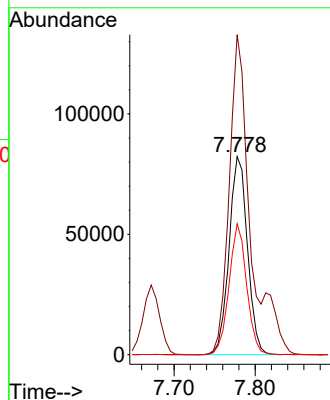
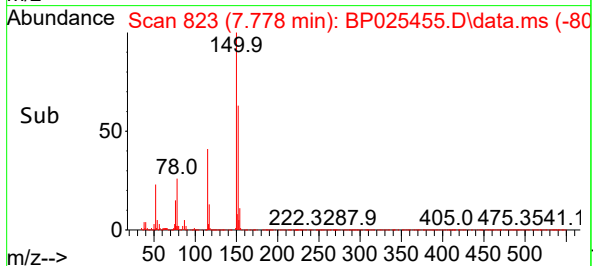
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:152 Resp: 129439
Ion Ratio Lower Upper
152 100
150 161.5 125.9 188.9
115 66.1 48.5 72.7

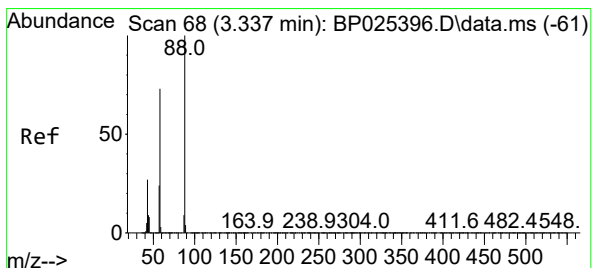
Manual Integrations
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Reviewed By :Rahul
Chavli



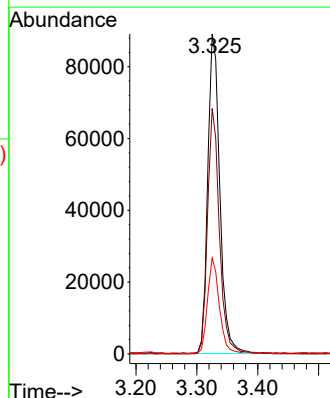
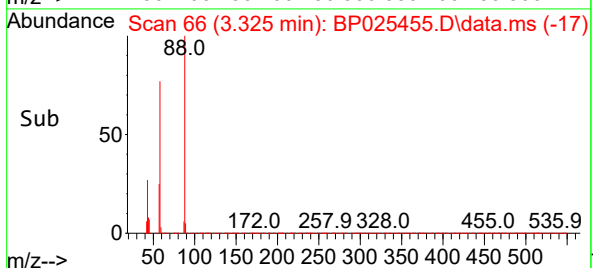
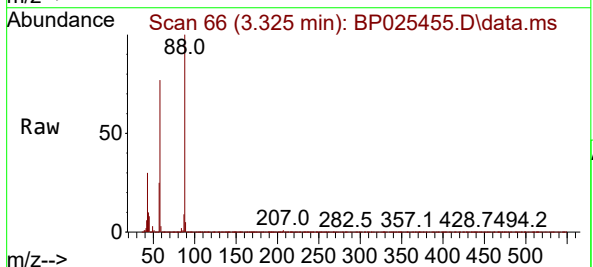
08/19/2025
Supervised By :Jagrut
Upadhyay

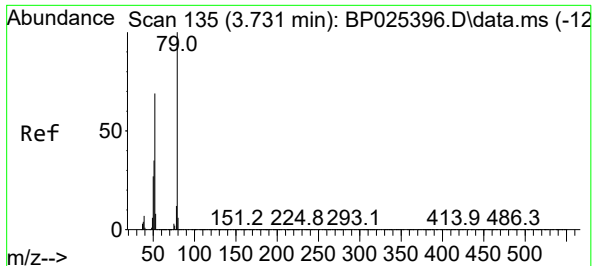
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#2
1,4-Dioxane
Concen: 40.159 ng
RT: 3.325 min Scan# 66
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

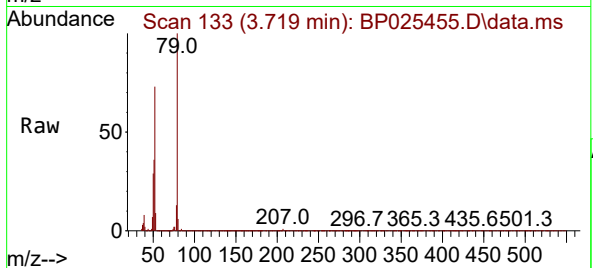
Tgt Ion: 88 Resp: 122604
Ion Ratio Lower Upper
88 100
58 75.7 59.2 88.8
43 29.1 21.7 32.5





#3
Pyridine
Concen: 39.995 ng
RT: 3.719 min Scan# 111
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

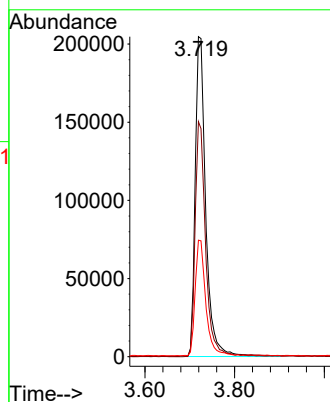
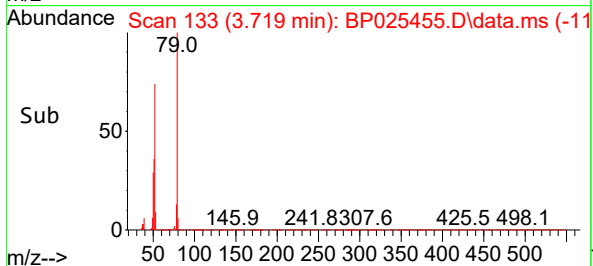
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 79 Resp: 33421
Ion Ratio Lower Upper
79 100
52 73.5 55.5 83.3
51 36.4 28.3 42.5

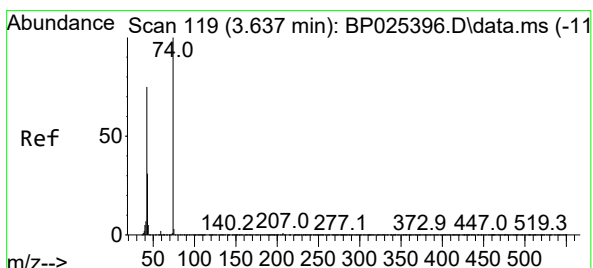
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Chavli

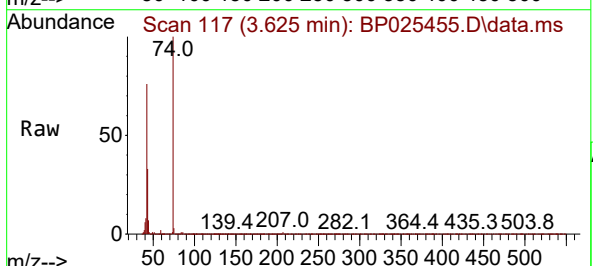


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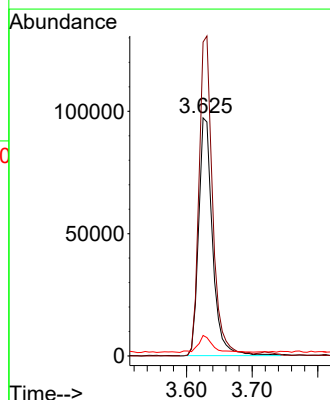
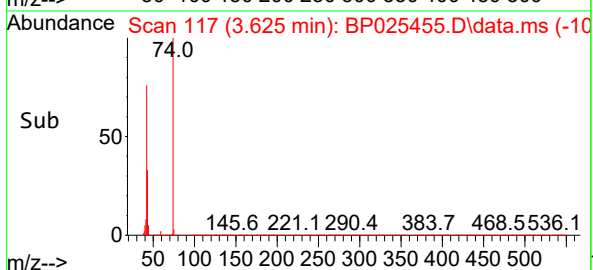
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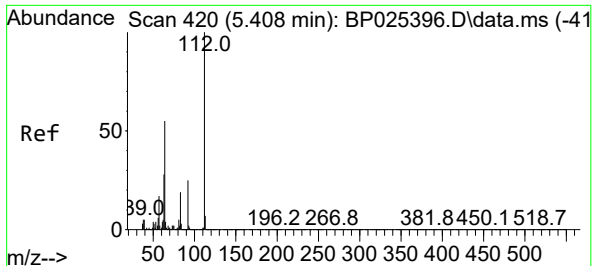


#4
n-Nitrosodimethylamine
Concen: 41.651 ng
RT: 3.625 min Scan# 117
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39



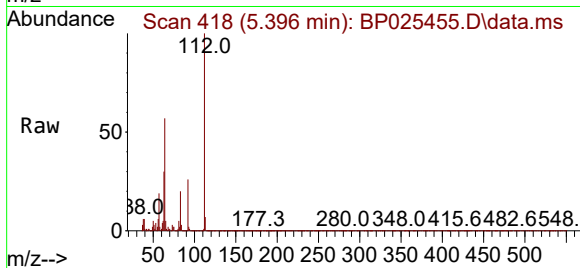
Tgt Ion: 42 Resp: 143491
Ion Ratio Lower Upper
42 100
74 131.9 107.0 160.4
44 8.6 6.2 9.4





#5
2-Fluorophenol
Concen: 82.005 ng
RT: 5.396 min Scan# 41
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

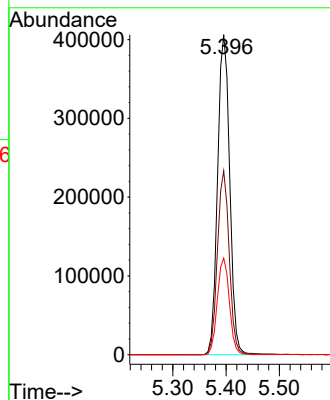
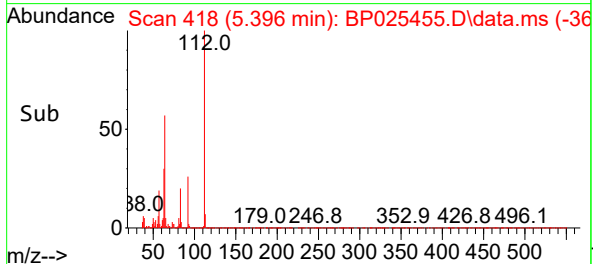
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:112 Resp: 63917
Ion Ratio Lower Upper
112 100
64 57.4 43.8 65.8
63 30.2 22.7 34.1

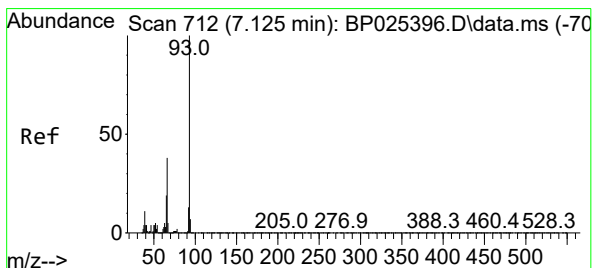
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Chavli



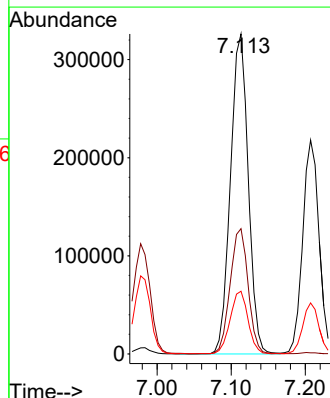
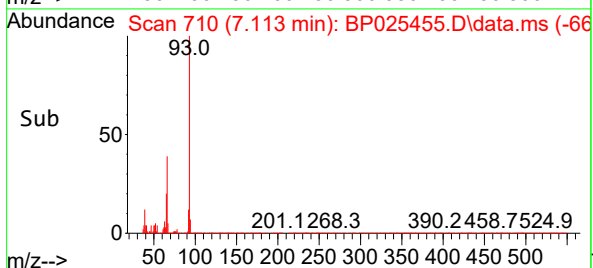
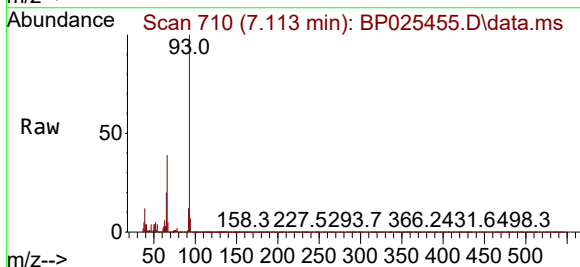
08/19/2025
Supervised By :Jagrut
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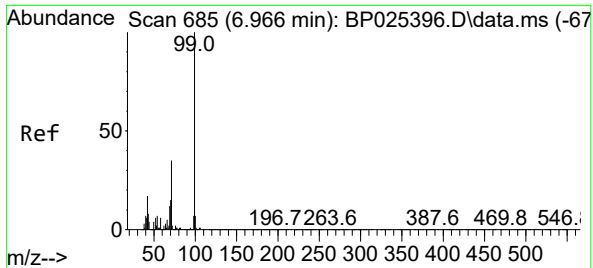
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#6
Aniline
Concen: 40.321 ng
RT: 7.113 min Scan# 710
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

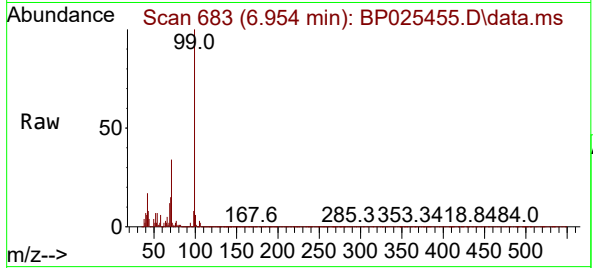
Tgt Ion: 93 Resp: 542872
Ion Ratio Lower Upper
93 100
66 39.2 30.4 45.6
65 19.6 15.3 22.9





#7
Phenol-d6
Concen: 82.368 ng
RT: 6.954 min Scan# 683
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

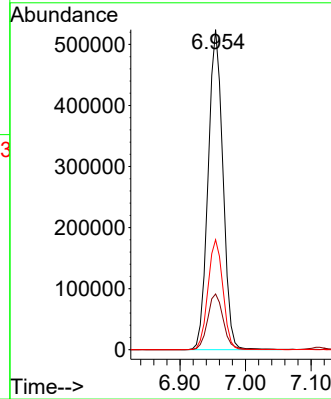
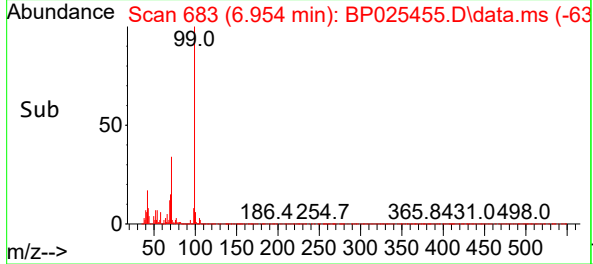
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 99 Resp: 823098
Ion Ratio Lower Upper
99 100
42 17.4 13.7 20.5
71 34.3 28.2 42.4

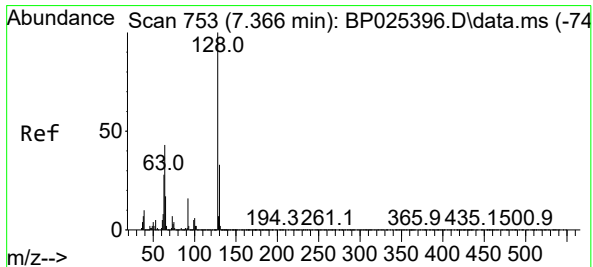
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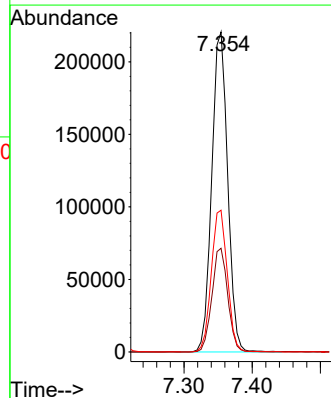
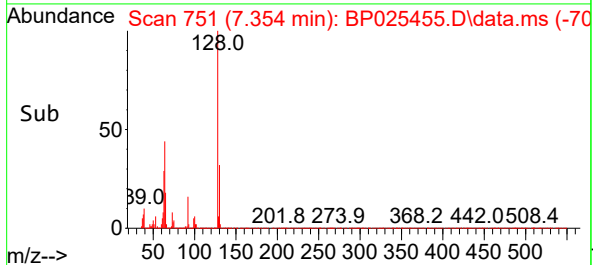
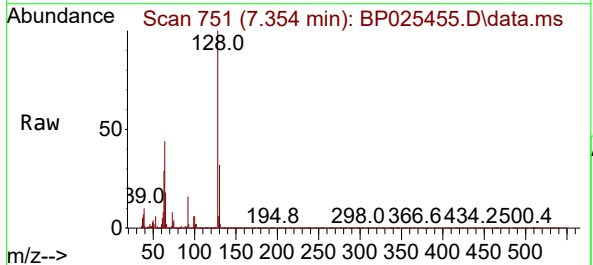
08/19/2025
Supervised By :Jagrut
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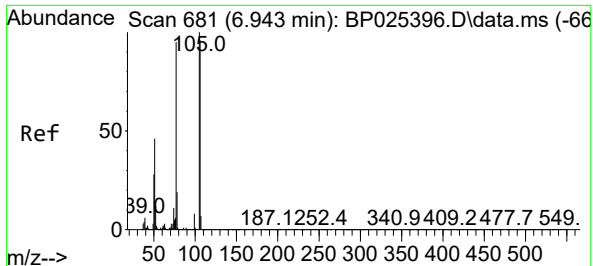
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#8
2-Chlorophenol
Concen: 40.642 ng
RT: 7.354 min Scan# 751
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

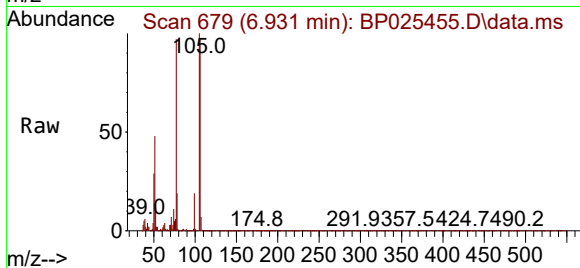
Tgt Ion:128 Resp: 357467
Ion Ratio Lower Upper
128 100
130 32.4 12.6 52.6
64 44.3 23.4 63.4





#9
Benzaldehyde
Concen: 48.195 ng m
RT: 6.931 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

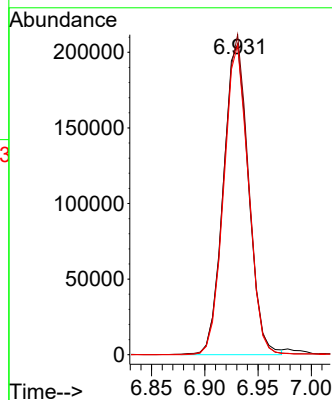
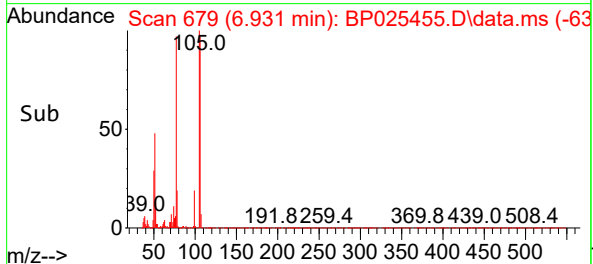
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 77 Resp: 337420
Ion Ratio Lower Upper
77 100
105 103.0 84.8 124.8
106 99.7 80.5 120.5

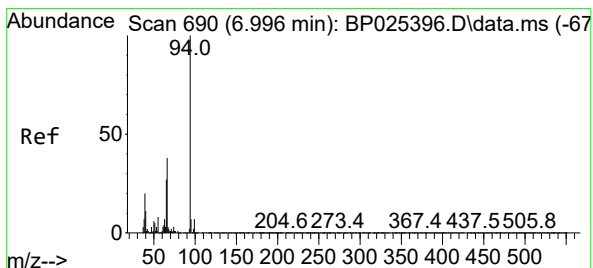
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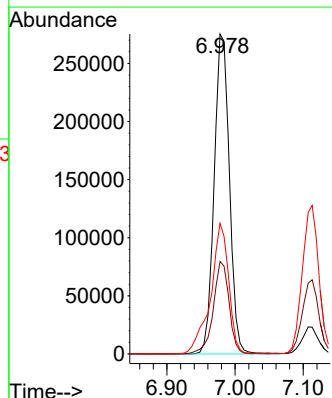
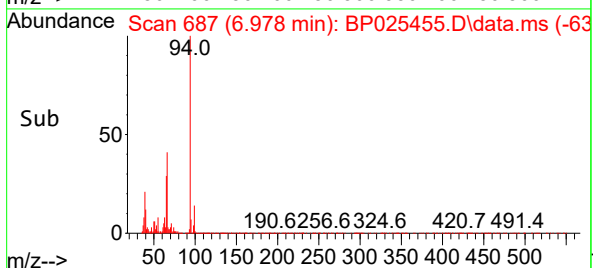
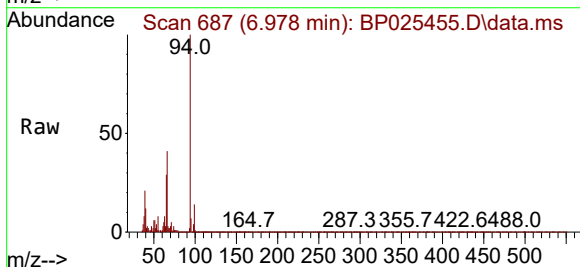
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Supervised By :Jagrut
Upadhyay

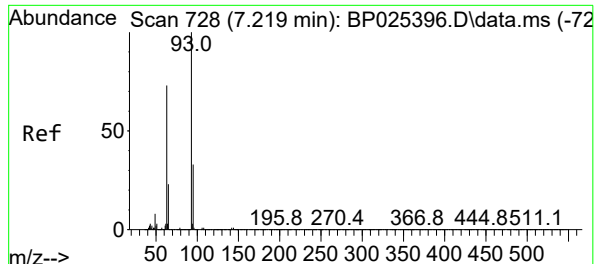
08/19/2025



#10
Phenol
Concen: 40.877 ng
RT: 6.978 min Scan# 687
Delta R.T. -0.018 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Tgt Ion: 94 Resp: 428619
Ion Ratio Lower Upper
94 100
65 28.9 6.8 46.8
66 40.8 18.2 58.2





#11

bis(2-Chloroethyl)ether

Concen: 40.731 ng

RT: 7.207 min Scan# 71

Delta R.T. -0.012 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion: 93 Resp: 33288

Ion Ratio Lower Upper

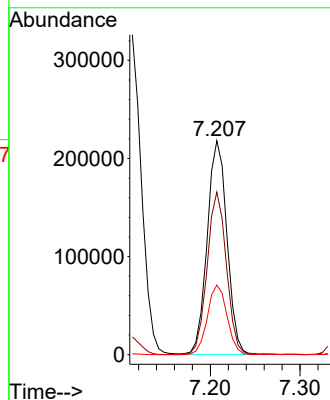
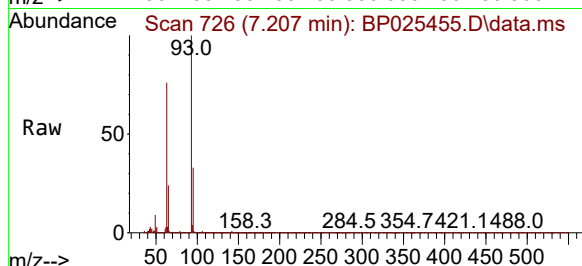
93 100

63 76.0 52.6 92.6

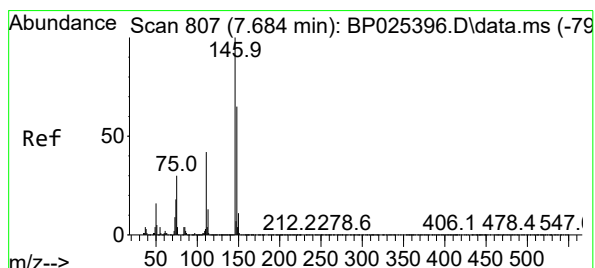
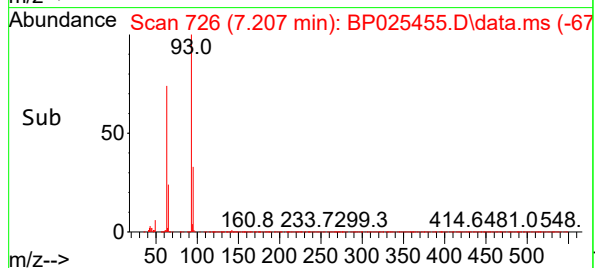
95 32.6 12.7 52.7

Manual Integrations

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Upadhyay

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#12

1,3-Dichlorobenzene

Concen: 39.784 ng

RT: 7.672 min Scan# 805

Delta R.T. -0.012 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

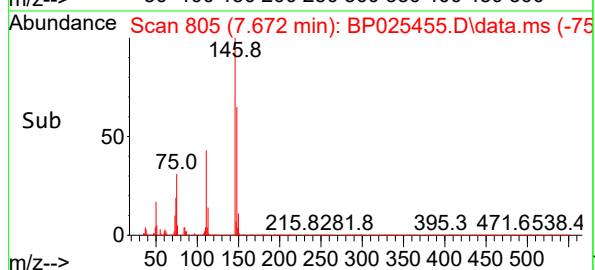
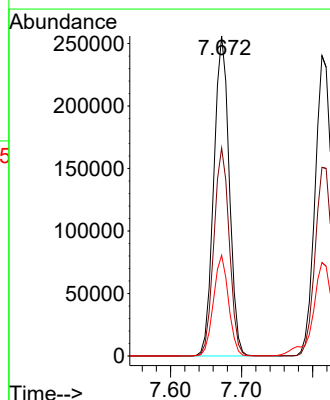
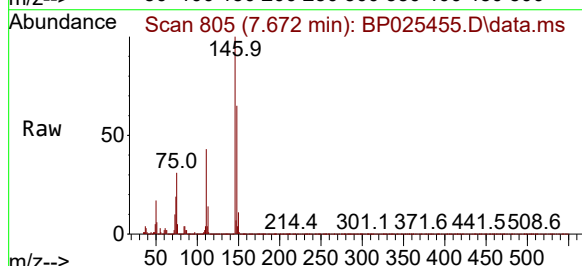
Tgt Ion:146 Resp: 385845

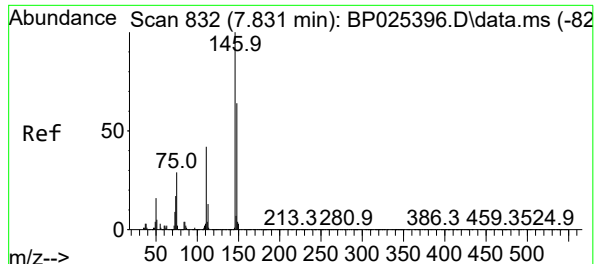
Ion Ratio Lower Upper

146 100

148 65.0 51.9 77.9

75 31.4 23.7 35.5





#13

1,4-Dichlorobenzene

Concen: 39.761 ng

RT: 7.813 min Scan# 81

Delta R.T. -0.018 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 39414

Ion Ratio Lower Upper

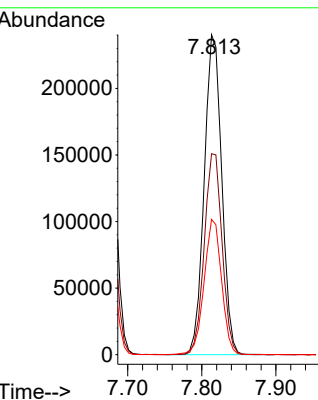
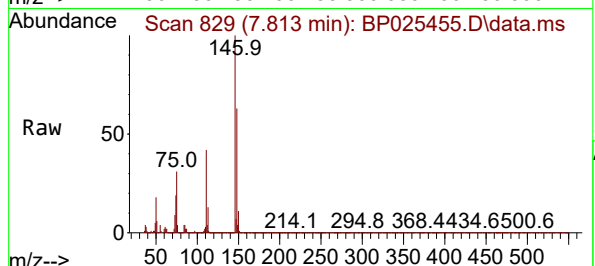
146 100

148 62.8 51.6 77.4

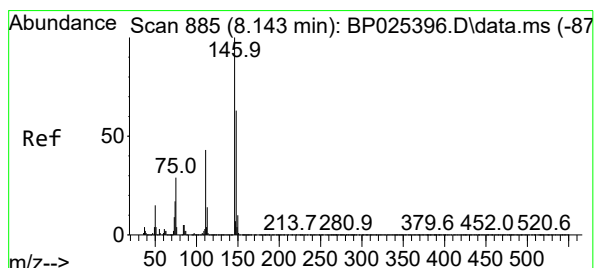
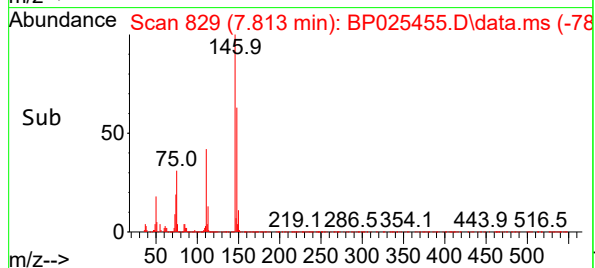
111 42.3 33.4 50.0

Manual Integrations

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Chavli08/19/2025
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Upadhyay

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#14

1,2-Dichlorobenzene

Concen: 40.357 ng

RT: 8.125 min Scan# 882

Delta R.T. -0.018 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

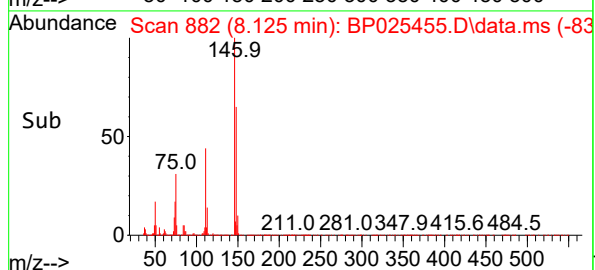
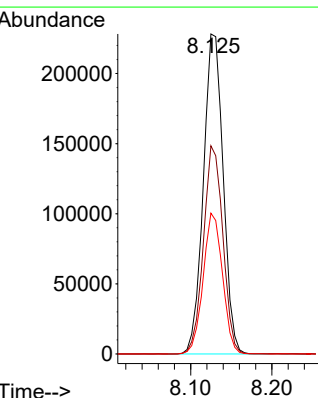
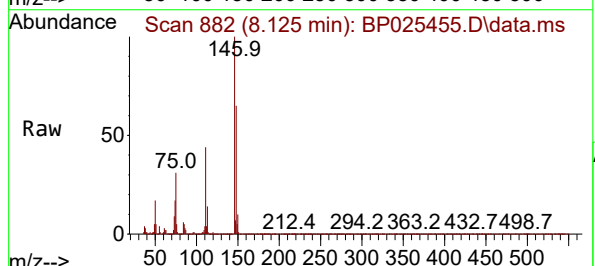
Tgt Ion:146 Resp: 387260

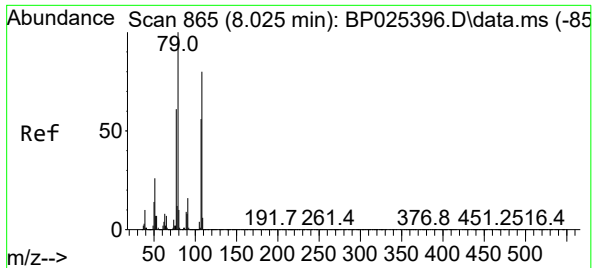
Ion Ratio Lower Upper

146 100

148 65.1 50.4 75.6

111 44.0 34.5 51.7





#15

Benzyl Alcohol

Concen: 40.185 ng

RT: 8.007 min Scan# 80

Delta R.T. -0.018 min

Lab File: BP025455.D

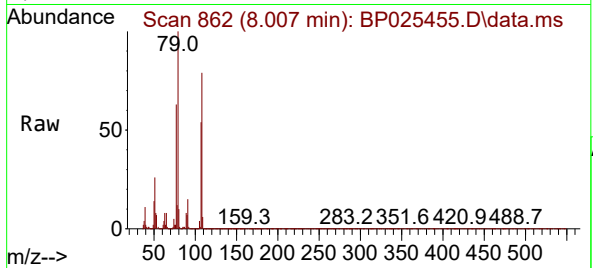
Acq: 18 Aug 2025 10:39

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040



Tgt Ion: 79 Resp: 319069

Ion Ratio Lower Upper

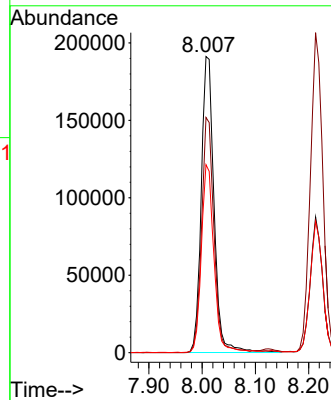
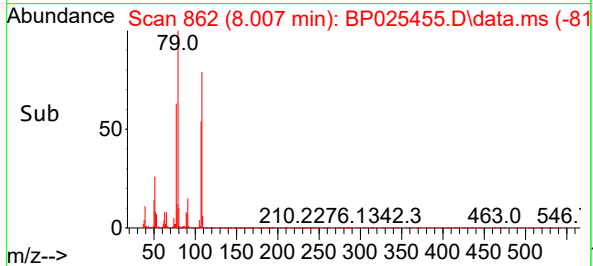
79 100

108 79.4 63.8 95.6

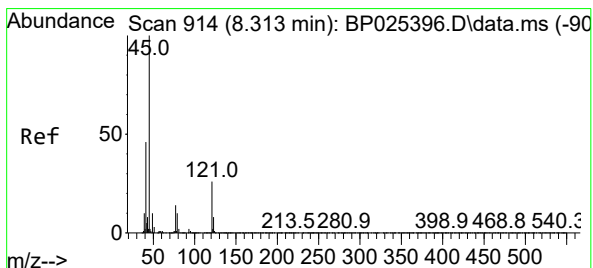
77 63.5 49.0 73.4

Manual Integrations

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Chavli08/19/2025
Supervised By :Jagrut
Upadhyay

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.734 ng

RT: 8.295 min Scan# 911

Delta R.T. -0.018 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

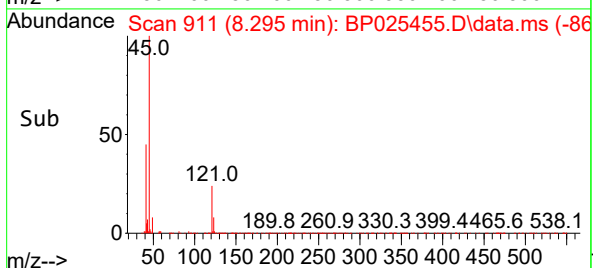
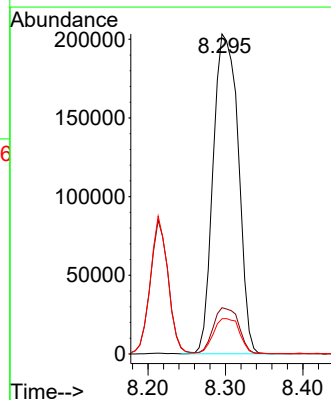
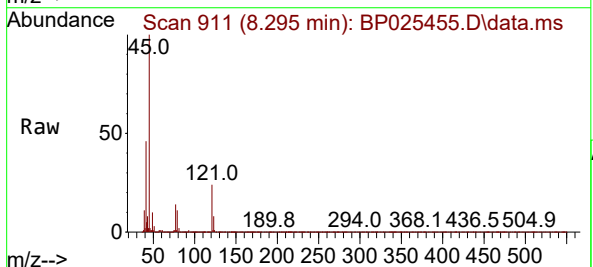
Tgt Ion: 45 Resp: 456910

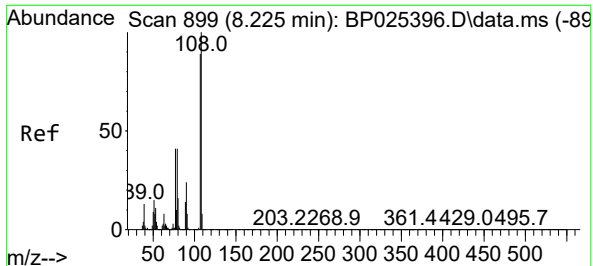
Ion Ratio Lower Upper

45 100

77 14.5 0.0 35.3

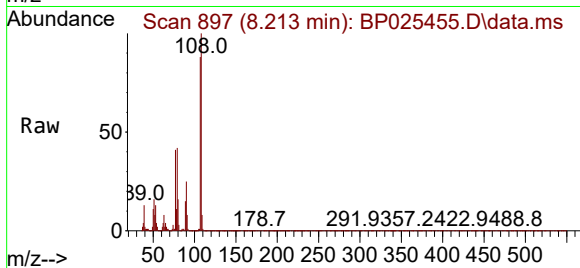
79 11.0 0.0 31.8





#17
2-Methylphenol
Concen: 40.981 ng
RT: 8.213 min Scan# 899
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

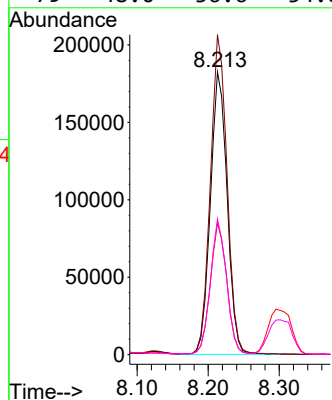
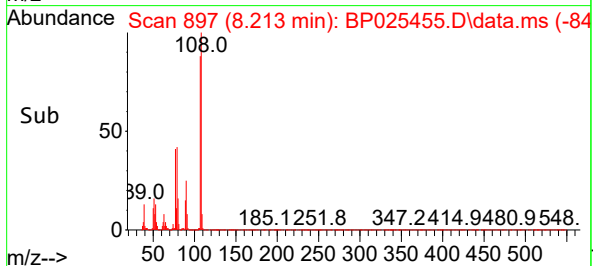
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:107 Resp: 298449
Ion Ratio Lower Upper
107 100
108 113.2 89.4 134.0
77 46.5 36.3 54.5
79 48.0 36.6 54.8

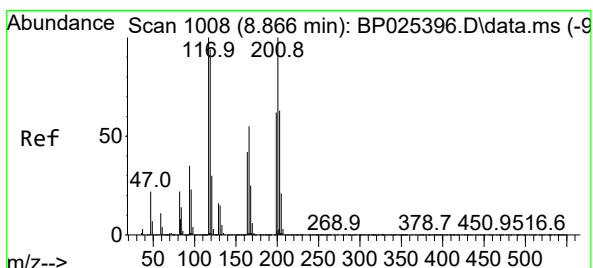
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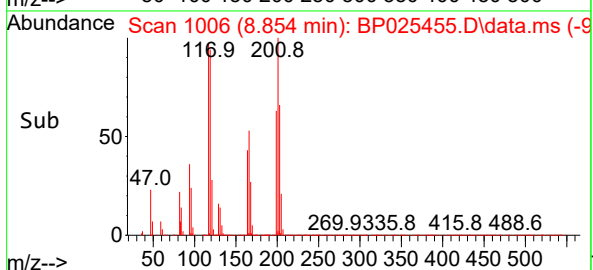
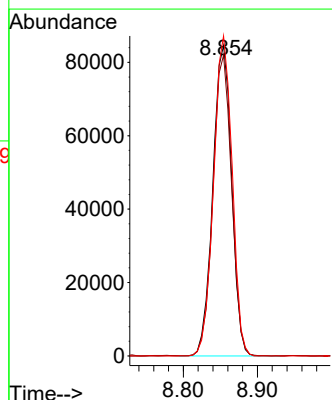
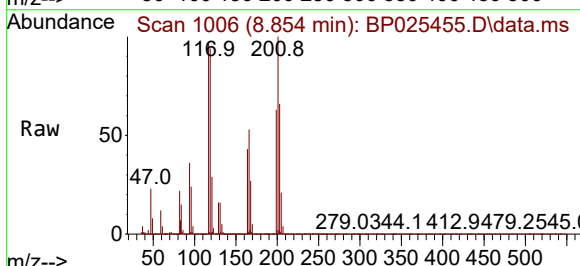
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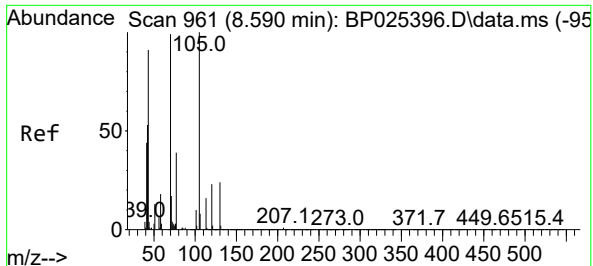
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#18
Hexachloroethane
Concen: 40.939 ng
RT: 8.854 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Tgt Ion:117 Resp: 149211
Ion Ratio Lower Upper
117 100
119 96.9 75.1 112.7
201 103.1 80.1 120.1





#19

n-Nitroso-di-n-propylamine

Concen: 40.685 ng

RT: 8.578 min Scan# 91

Delta R.T. -0.012 min

Lab File: BP025455.D

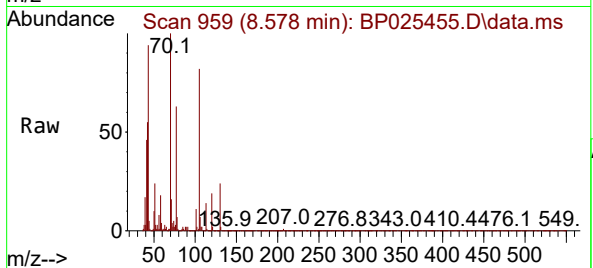
Acq: 18 Aug 2025 10:39

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040



Tgt Ion: 70 Resp: 269300

Ion Ratio Lower Upper

70 100

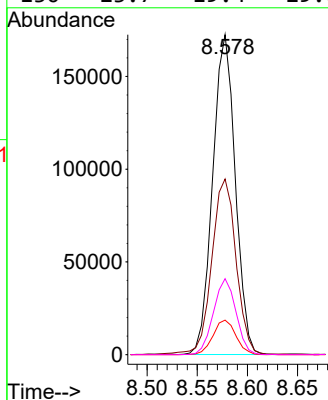
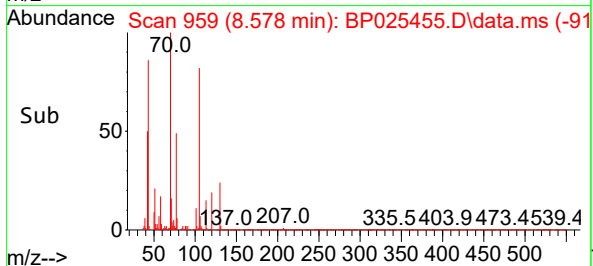
42 54.9 43.8 65.6

101 10.8 8.5 12.7

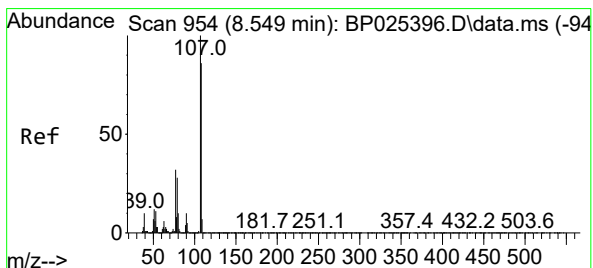
130 23.7 19.4 29.0

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#20

3+4-Methylphenols

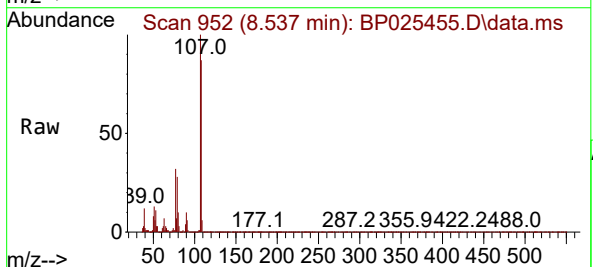
Concen: 40.425 ng

RT: 8.537 min Scan# 952

Delta R.T. -0.012 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39



Tgt Ion:107 Resp: 408076

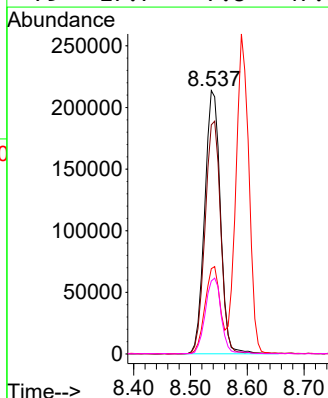
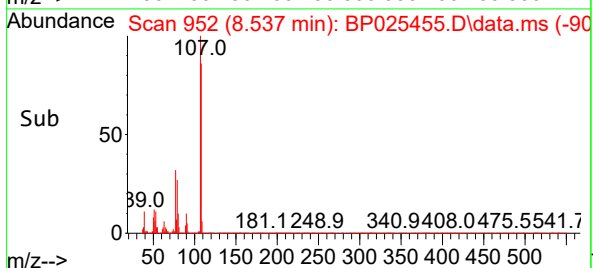
Ion Ratio Lower Upper

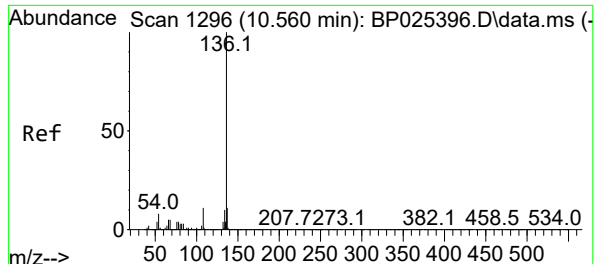
107 100

108 87.0 66.3 106.3

77 32.4 12.3 52.3

79 27.7 7.8 47.8





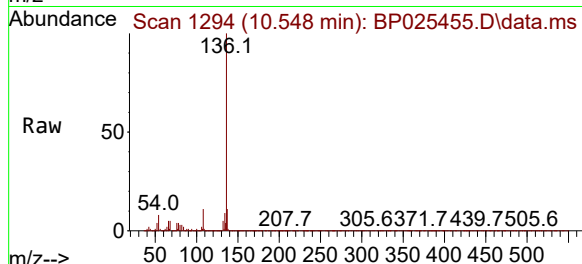
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.548 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Instrument :

BNA_P

ClientSampleId :

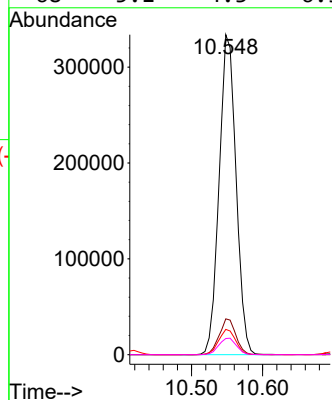
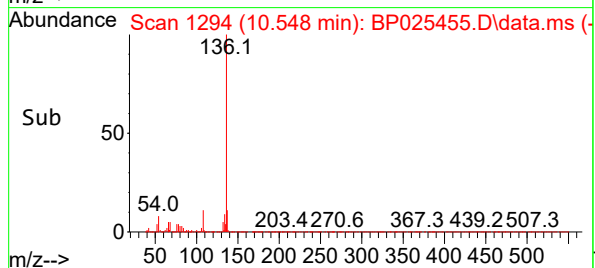
SSTDCCC040



Tgt Ion:136 Resp: 550485
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 7.9 6.0 9.0
68 5.1 4.3 6.5

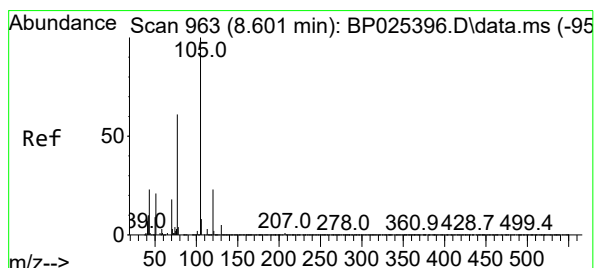
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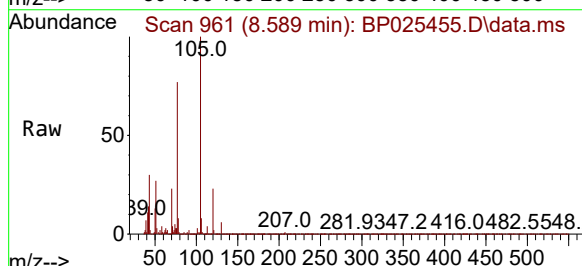


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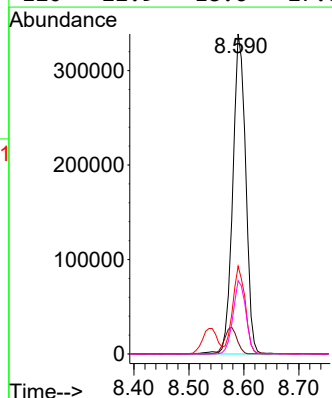
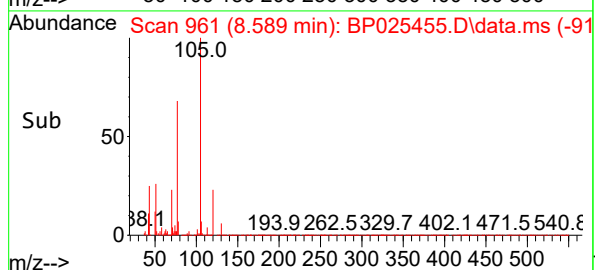
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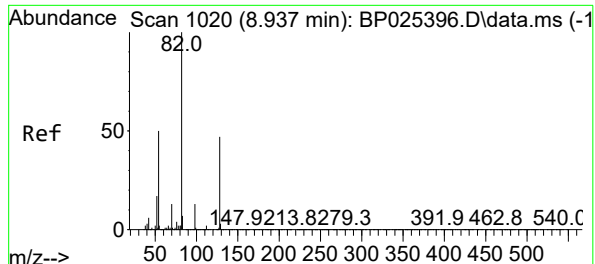


#22
Acetophenone
Concen: 39.923 ng
RT: 8.589 min Scan# 961
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39



Tgt Ion:105 Resp: 551135
Ion Ratio Lower Upper
105 100
71 3.7 2.6 4.0
51 27.5 20.6 30.8
120 22.9 18.6 27.8





#23

Nitrobenzene-d5

Concen: 80.567 ng

RT: 8.925 min Scan# 1018

Delta R.T. -0.012 min

Lab File: BP025455.D

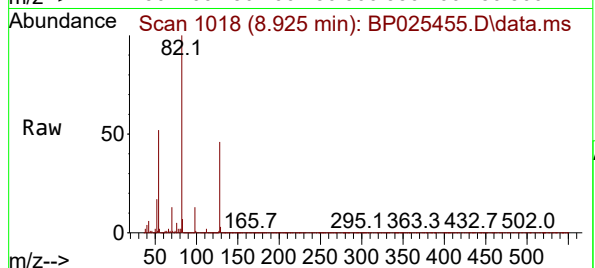
Acq: 18 Aug 2025 10:39

Instrument :

BNA_P

ClientSampleId :

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Tgt Ion: 82 Resp: 876750

Ion Ratio Lower Upper

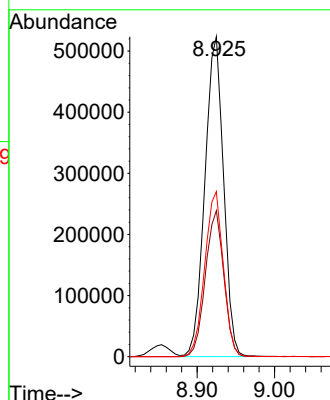
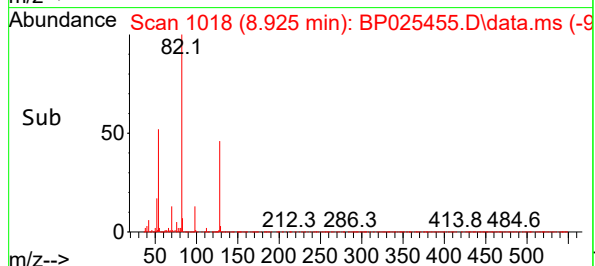
82 100

128 45.6 37.7 56.5

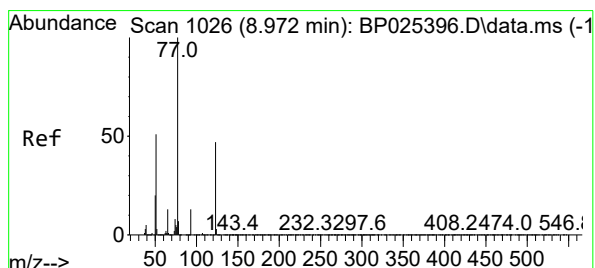
54 51.6 39.8 59.6

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#24

Nitrobenzene

Concen: 40.447 ng

RT: 8.960 min Scan# 1024

Delta R.T. -0.012 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

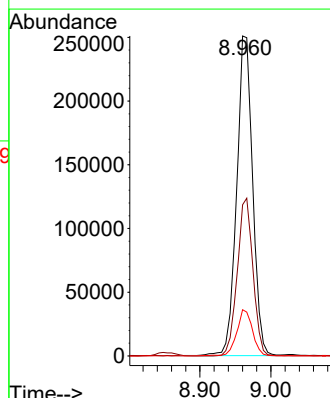
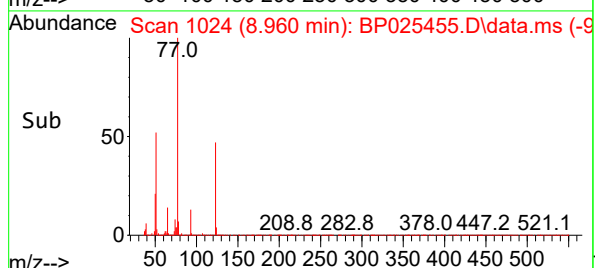
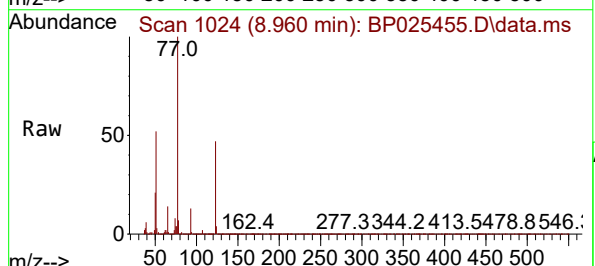
Tgt Ion: 77 Resp: 393372

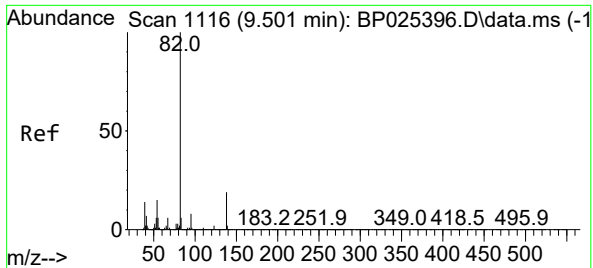
Ion Ratio Lower Upper

77 100

123 47.3 38.6 58.0

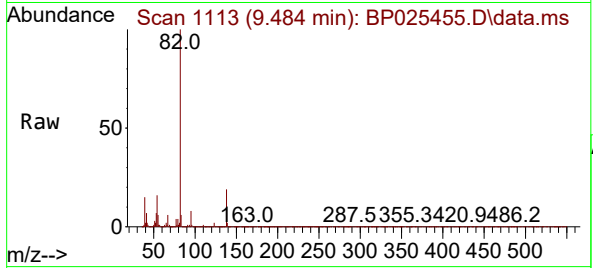
65 14.5 10.6 15.8





#25
Isophorone
Concen: 39.163 ng
RT: 9.484 min Scan# 1116
Delta R.T. -0.018 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

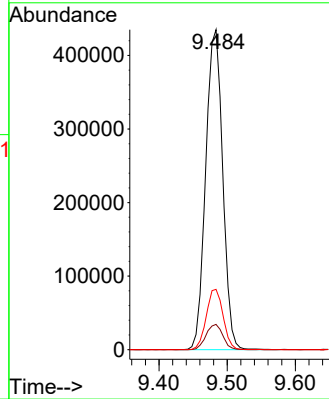
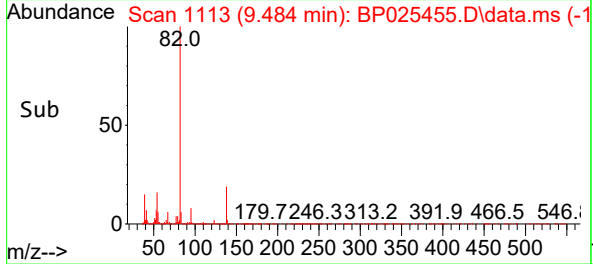
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 82 Resp: 754224
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 18.8 15.4 23.0

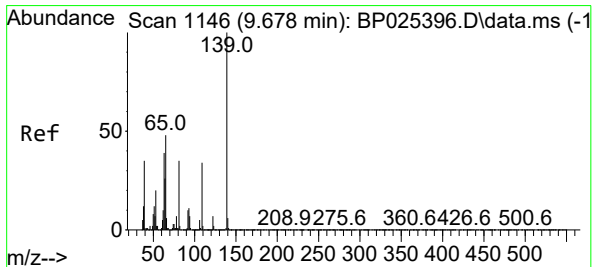
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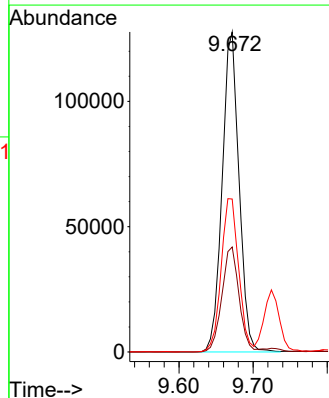
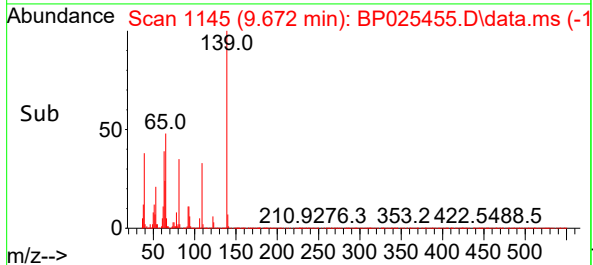
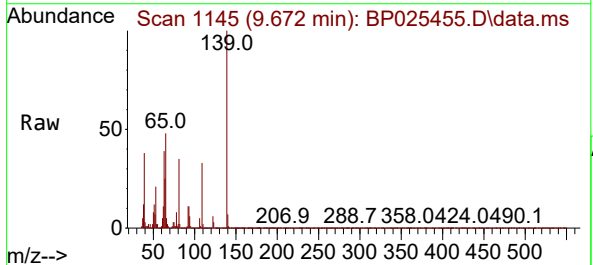
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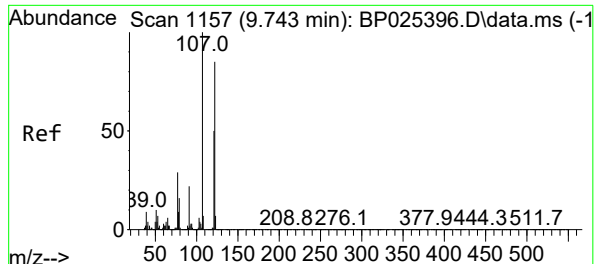
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#26
2-Nitrophenol
Concen: 40.406 ng
RT: 9.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Tgt Ion:139 Resp: 201676
Ion Ratio Lower Upper
139 100
109 32.8 26.9 40.3
65 47.8 38.3 57.5





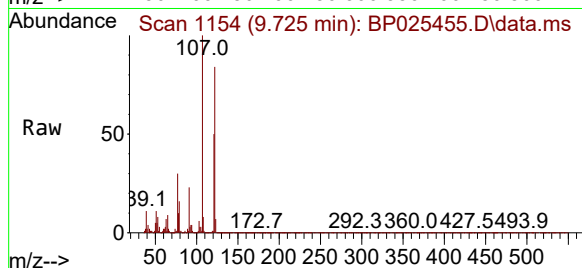
#27
2,4-Dimethylphenol
Concen: 39.471 ng
RT: 9.725 min Scan# 1157
Delta R.T. -0.018 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Instrument :

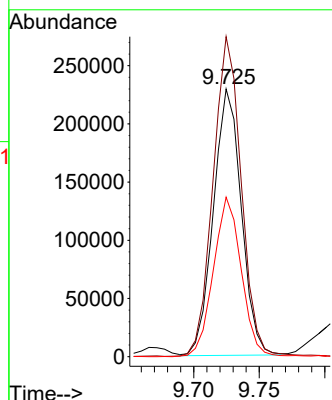
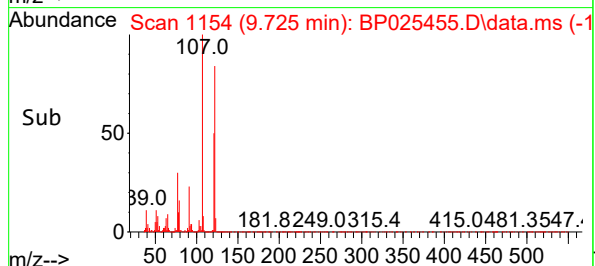
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ClientSampleId :

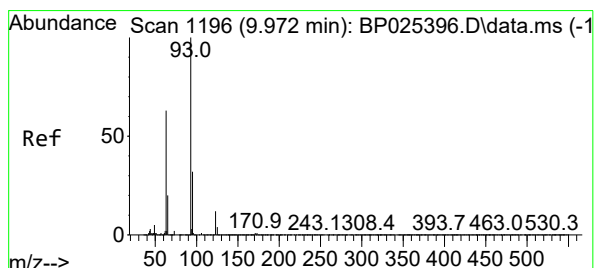
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Tgt Ion:122 Resp: 33880
Ion Ratio Lower Upper
122 100
107 119.5 93.7 140.5
121 59.6 46.6 69.8

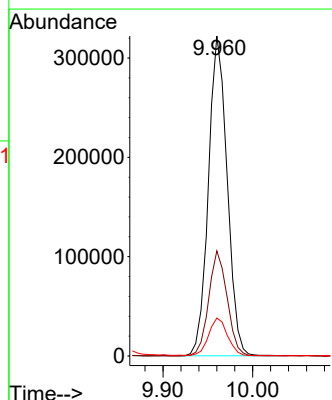
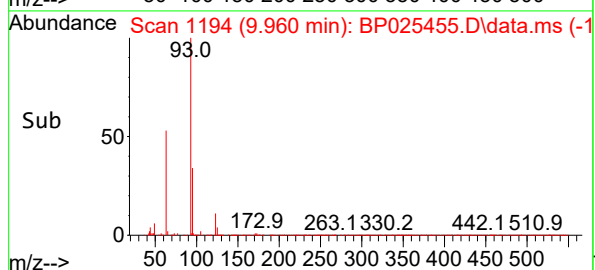
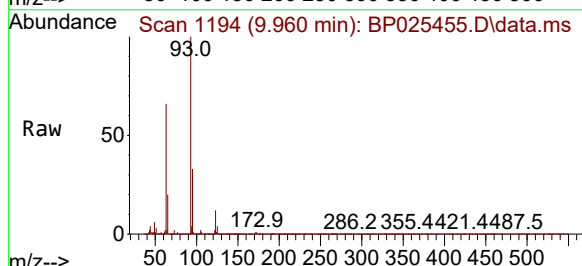
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Upadhyay

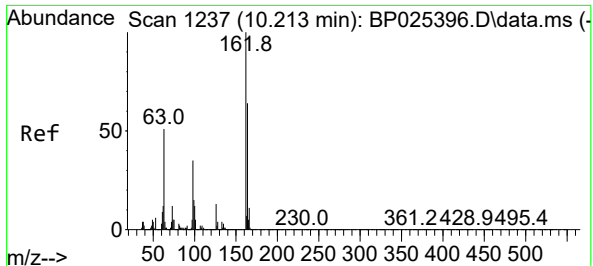
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#28
bis(2-Chloroethoxy)methane
Concen: 40.173 ng
RT: 9.960 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Tgt Ion: 93 Resp: 467674
Ion Ratio Lower Upper
93 100
95 32.9 25.4 38.0
123 11.9 9.4 14.0





#29
2,4-Dichlorophenol
Concen: 40.902 ng
RT: 10.195 min Scan# 1234
Delta R.T. -0.018 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Instrument :

BNA_P

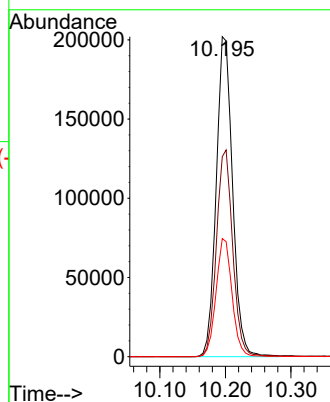
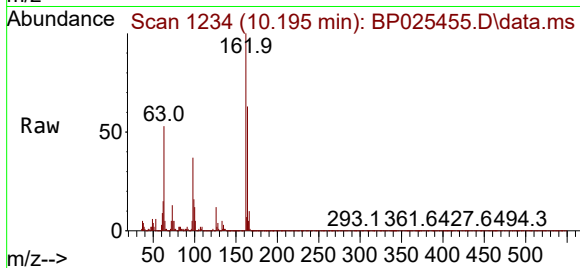
ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 348762
Ion Ratio Lower Upper
162 100
164 62.5 44.4 84.4
98 36.9 14.9 54.9

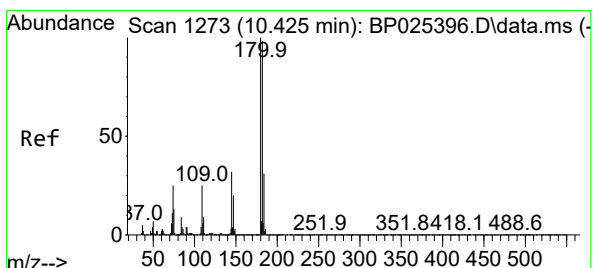
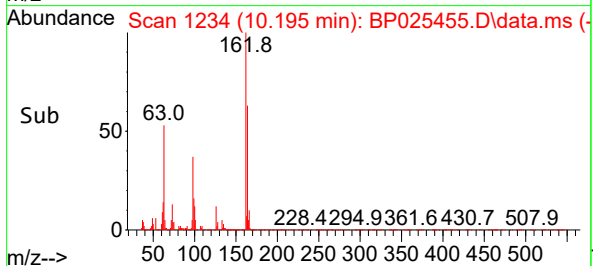
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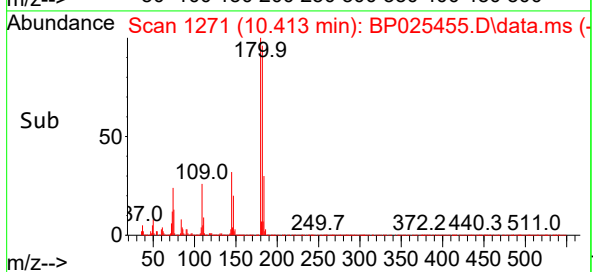
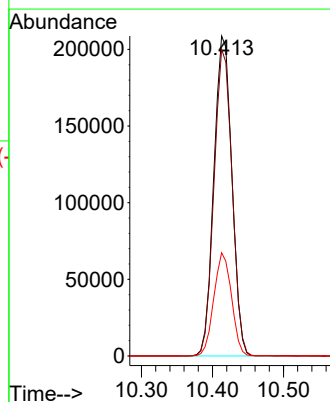
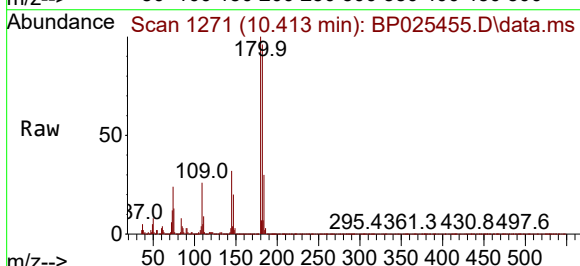
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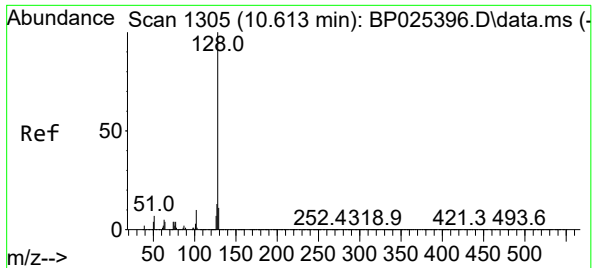
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#30
1,2,4-Trichlorobenzene
Concen: 39.301 ng
RT: 10.413 min Scan# 1271
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Tgt Ion:180 Resp: 367355
Ion Ratio Lower Upper
180 100
182 95.9 78.0 117.0
145 32.3 25.9 38.9





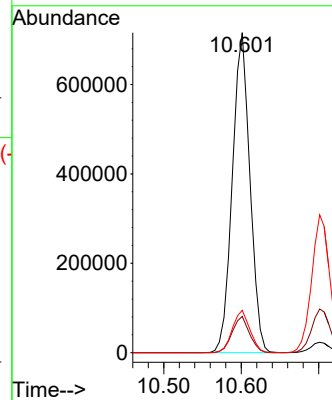
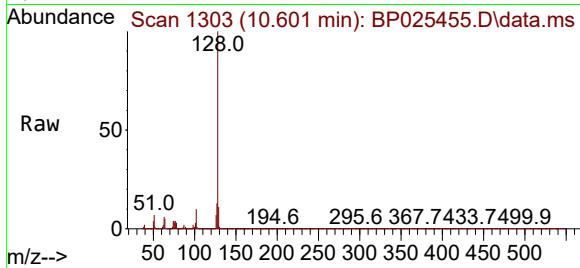
#31
Naphthalene
Concen: 39.499 ng
RT: 10.601 min Scan# 1130
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1130138
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.2 10.7 16.1

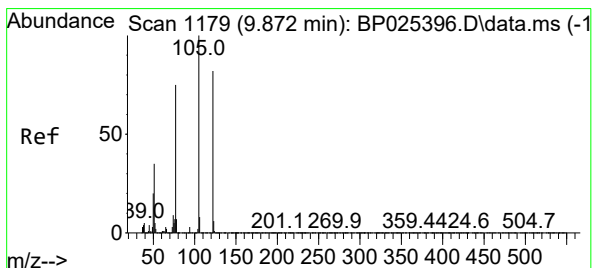
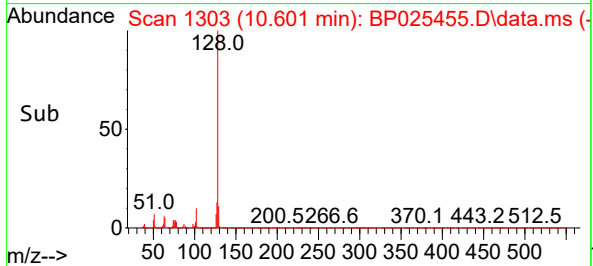
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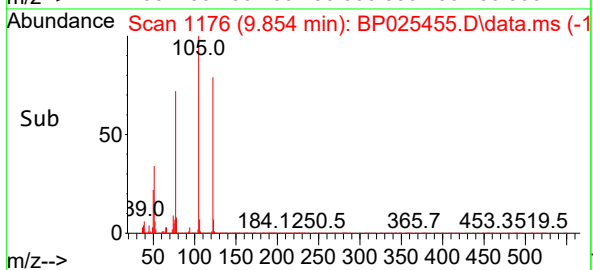
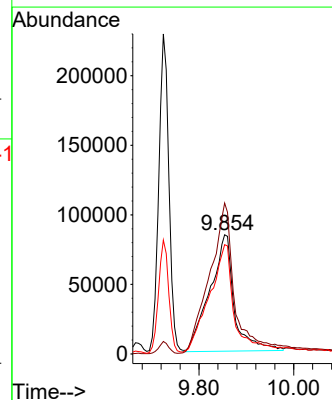
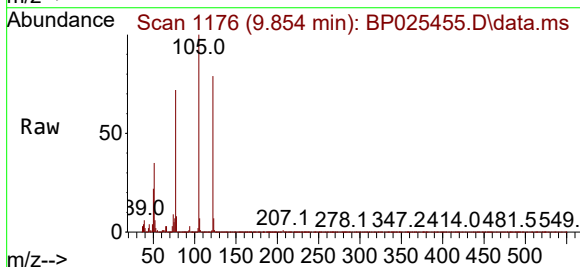
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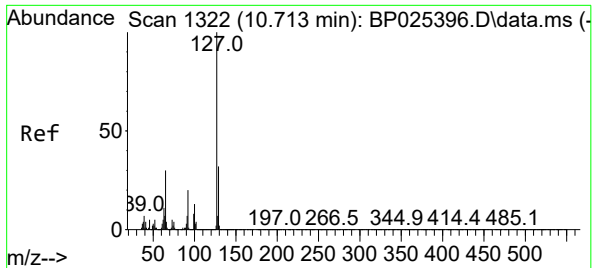
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#32
Benzoic acid
Concen: 47.454 ng
RT: 9.854 min Scan# 1176
Delta R.T. -0.018 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Tgt Ion:122 Resp: 300714
Ion Ratio Lower Upper
122 100
105 126.4 100.6 140.6
77 91.6 71.5 111.5





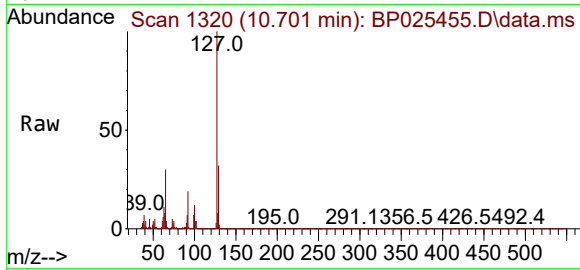
#33
4-Chloroaniline
Concen: 39.898 ng
RT: 10.701 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Instrument :

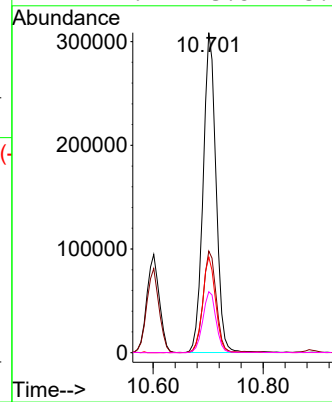
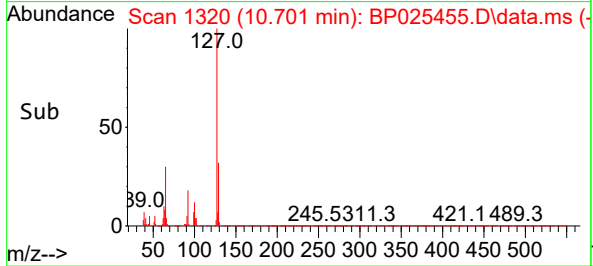
BNA_P

ClientSampleId :

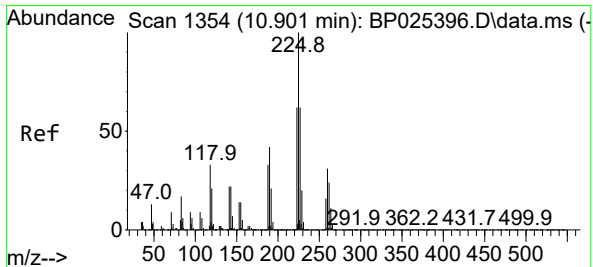
SSTDCCC040



Tgt Ion:127 Resp: 504240
Ion Ratio Lower Upper
127 100
129 31.7 25.4 38.2
65 29.9 23.8 35.6
92 19.1 15.8 23.8

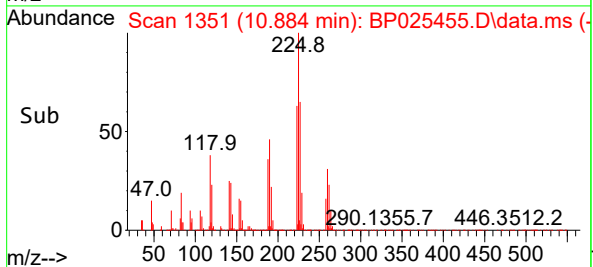
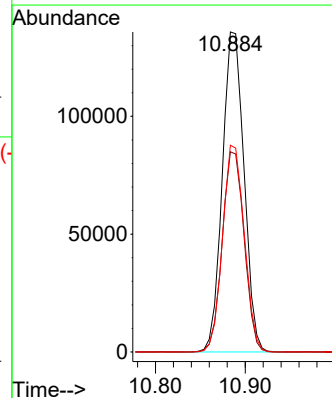
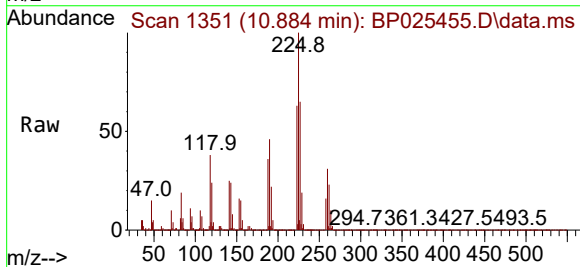
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APPROVEDReviewed By :Rahul
Chavli08/19/2025
Supervised By :Jagrut
Upadhyay

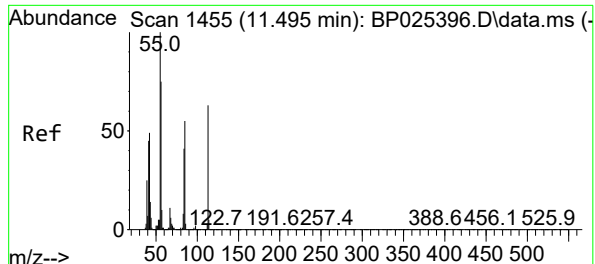
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#34
Hexachlorobutadiene
Concen: 39.190 ng
RT: 10.884 min Scan# 1351
Delta R.T. -0.018 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

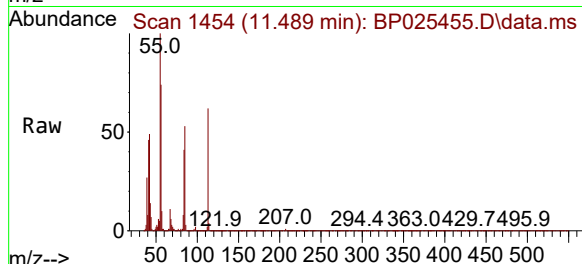
Tgt Ion:225 Resp: 228134
Ion Ratio Lower Upper
225 100
223 62.6 50.0 75.0
227 64.6 49.7 74.5





#35
Caprolactam
Concen: 39.821 ng
RT: 11.489 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

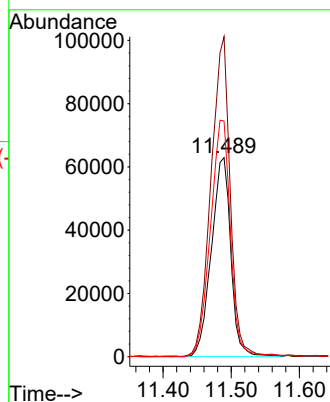
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:113 Resp: 124504
Ion Ratio Lower Upper
113 100
55 160.7 140.0 180.0
56 118.4 100.0 140.0

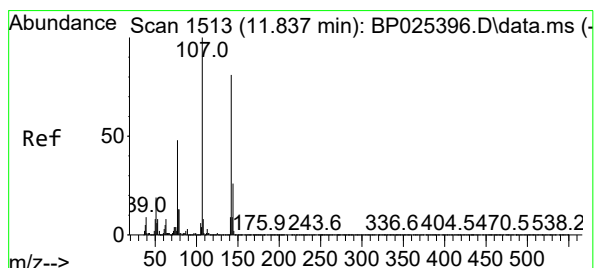
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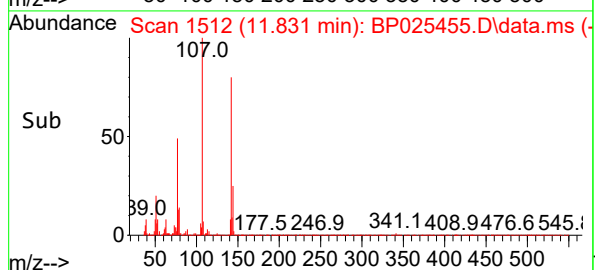
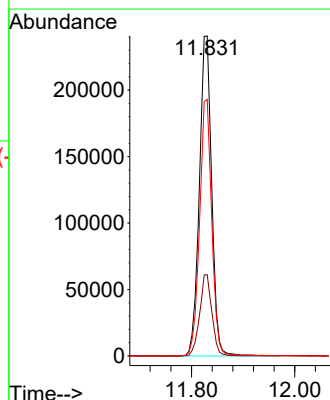
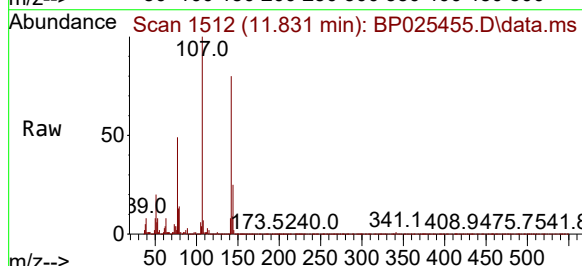
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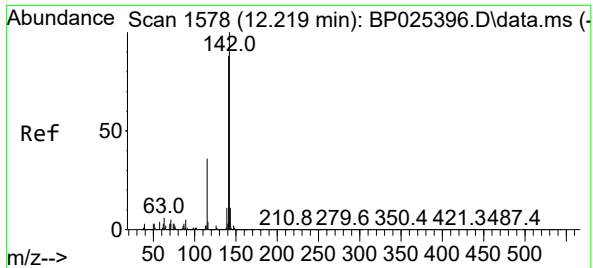
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#36
4-Chloro-3-methylphenol
Concen: 40.814 ng
RT: 11.831 min Scan# 1512
Delta R.T. -0.006 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Tgt Ion:107 Resp: 399336
Ion Ratio Lower Upper
107 100
144 25.4 21.0 31.4
142 80.1 64.6 97.0





#37
2-Methylnaphthalene
Concen: 39.503 ng
RT: 12.213 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Instrument :

BNA_P

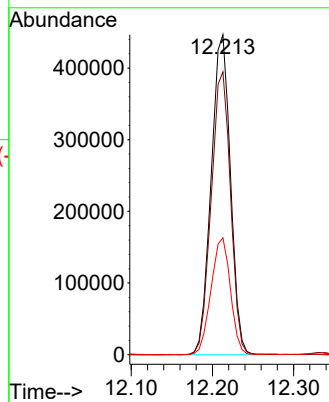
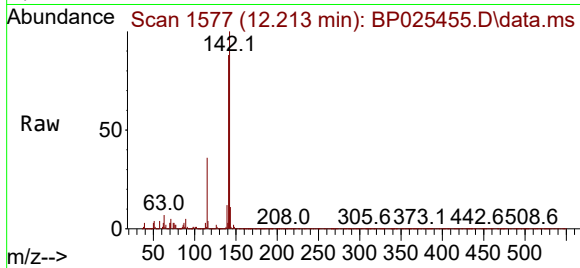
ClientSampleId :

SSTDCCC040

Tgt Ion:142 Resp: 735528
Ion Ratio Lower Upper
142 100
141 88.4 70.3 105.5
115 36.5 28.9 43.3

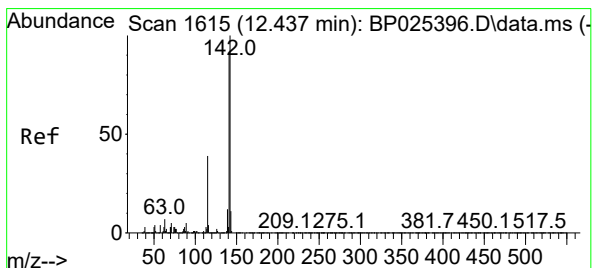
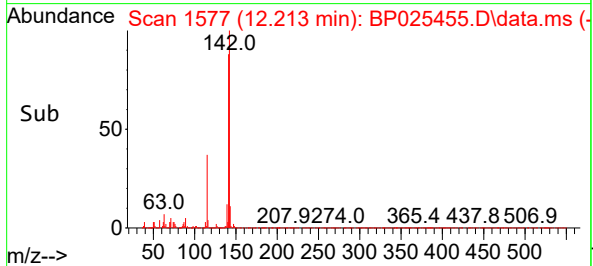
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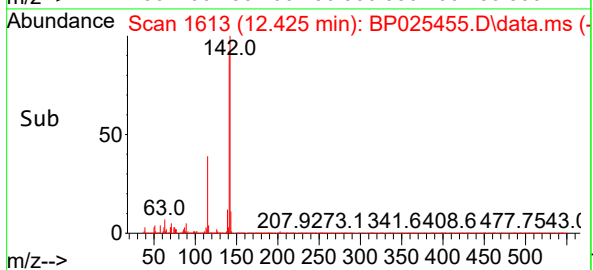
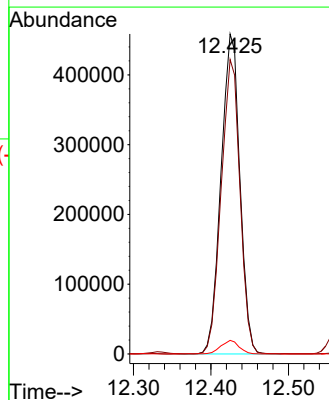
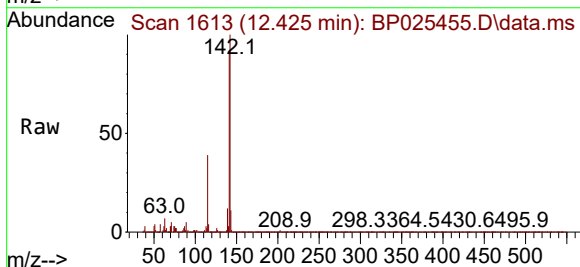
08/19/2025
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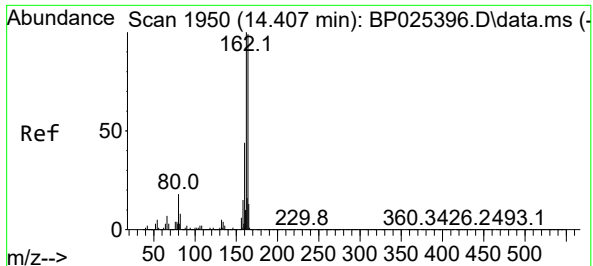
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#38
1-Methylnaphthalene
Concen: 39.288 ng
RT: 12.425 min Scan# 1613
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Tgt Ion:142 Resp: 777947
Ion Ratio Lower Upper
142 100
141 92.0 73.1 109.7
116 4.3 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.401 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Instrument :

BNA_P

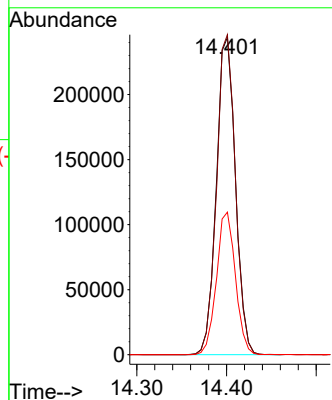
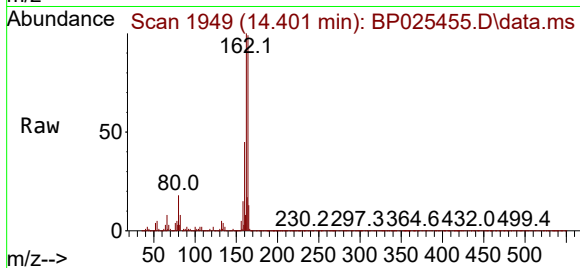
ClientSampleId :

SSTDCCC040

Tgt Ion:164 Resp: 35998
Ion Ratio Lower Upper
164 100
162 100.9 81.0 121.6
160 45.0 35.4 53.2

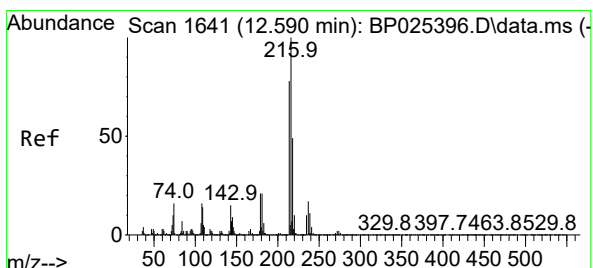
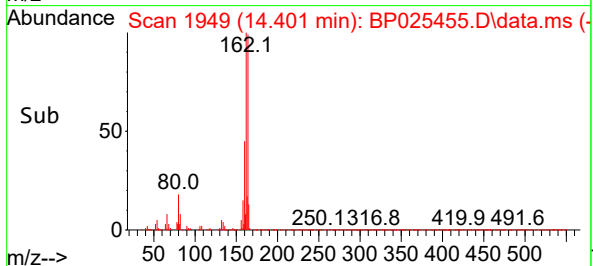
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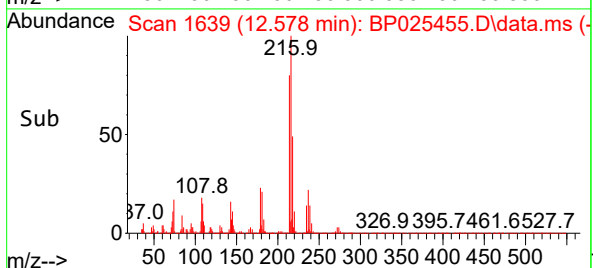
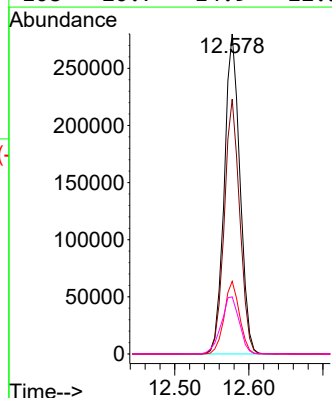
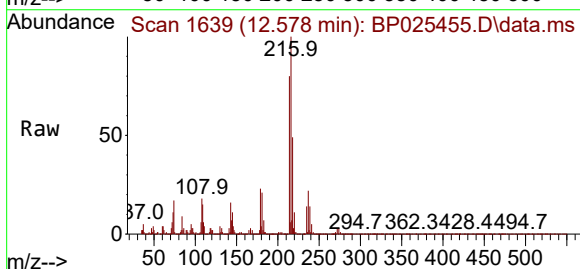
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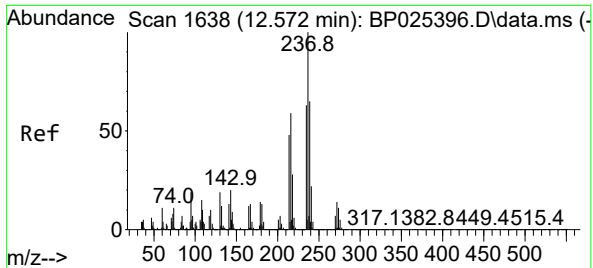
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.424 ng
RT: 12.578 min Scan# 1639
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Tgt Ion:216 Resp: 409880
Ion Ratio Lower Upper
216 100
214 78.9 63.0 94.4
179 22.3 17.1 25.7
108 20.7 14.9 22.3





#41

Hexachlorocyclopentadiene

Concen: 54.895 ng

RT: 12.560 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:237 Resp: 34474

Ion Ratio Lower Upper

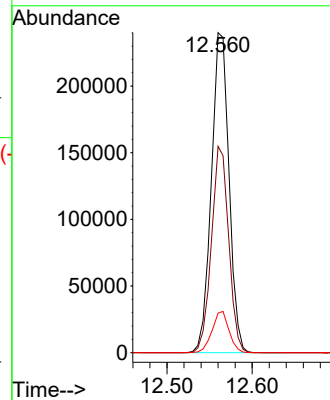
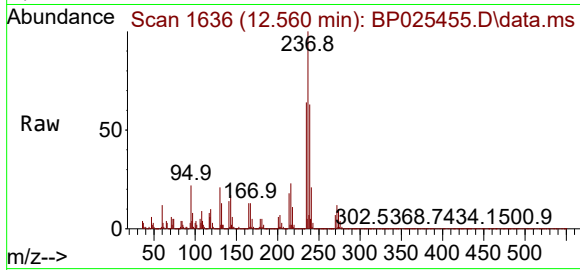
237 100

235 64.5 42.7 82.7

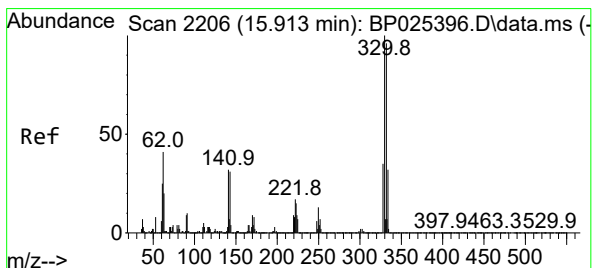
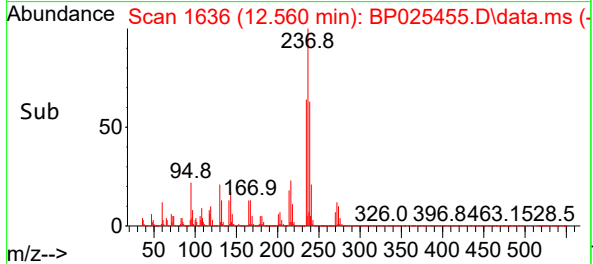
272 12.4 0.0 34.0

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#42

2,4,6-Tribromophenol

Concen: 80.248 ng

RT: 15.901 min Scan# 2204

Delta R.T. -0.012 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

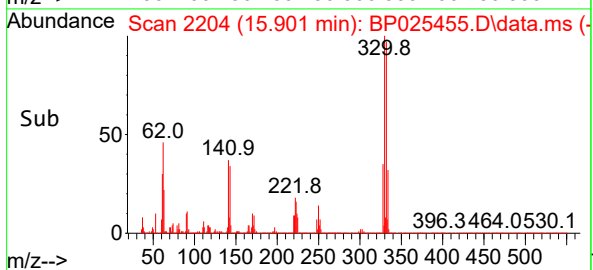
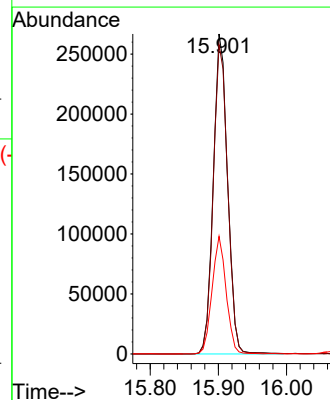
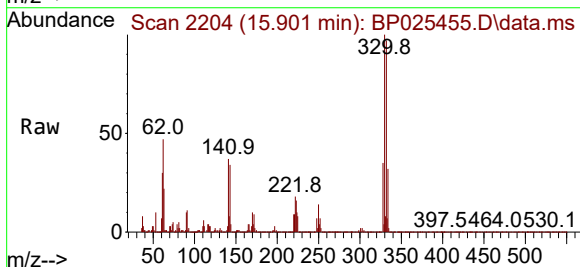
Tgt Ion:330 Resp: 388835

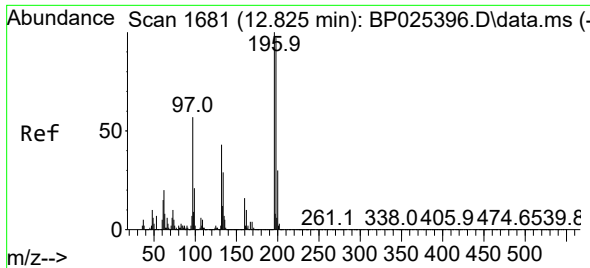
Ion Ratio Lower Upper

330 100

332 97.7 77.3 115.9

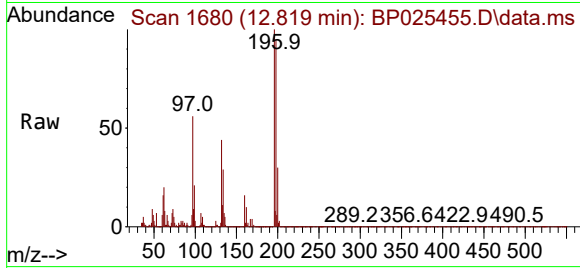
141 36.2 26.6 39.8





#43
2,4,6-Trichlorophenol
Concen: 41.762 ng
RT: 12.819 min Scan# 1680
Delta R.T. -0.006 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

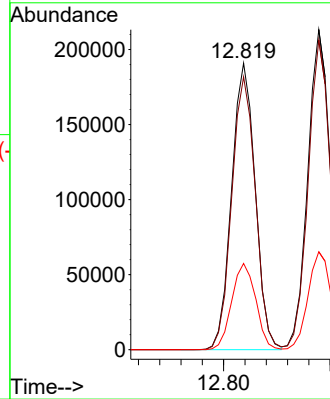
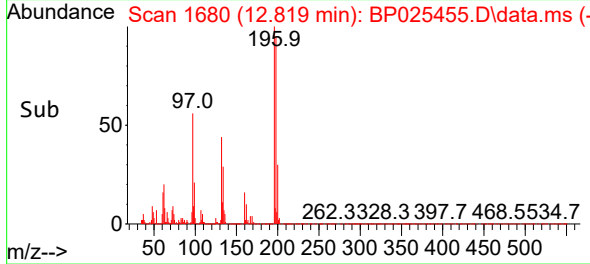
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:196 Resp: 293120
Ion Ratio Lower Upper
196 100
198 95.2 77.2 115.8
200 30.1 23.9 35.9

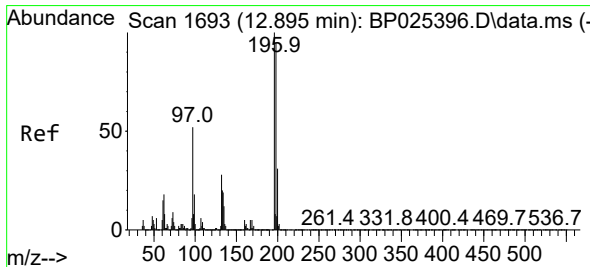
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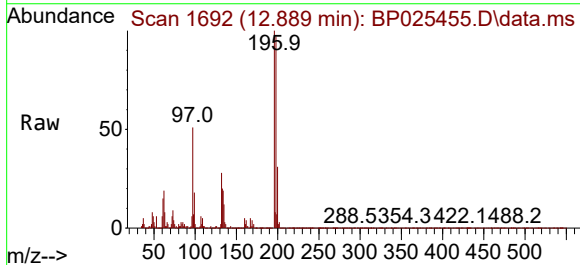


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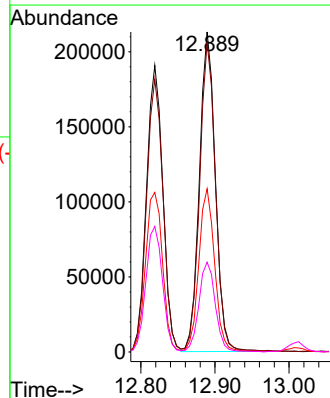
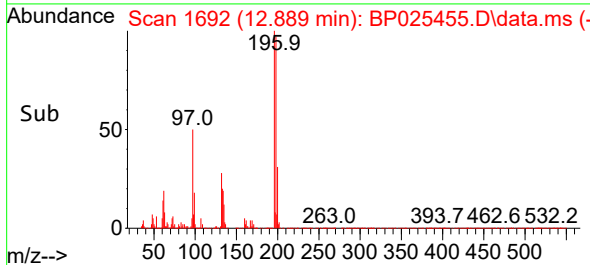
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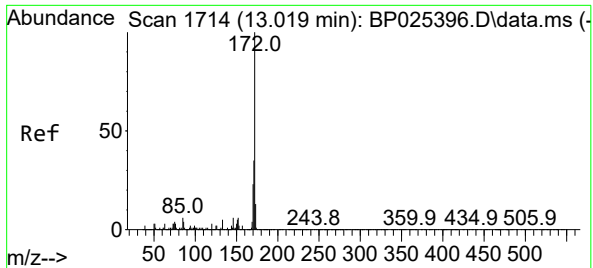


#44
2,4,5-Trichlorophenol
Concen: 41.507 ng
RT: 12.889 min Scan# 1692
Delta R.T. -0.006 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39



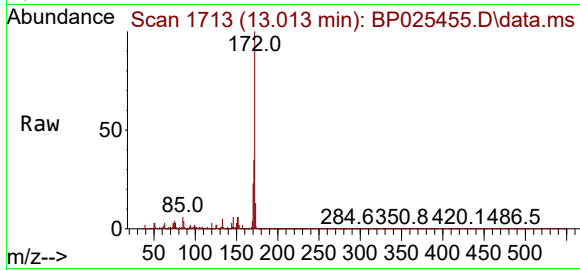
Tgt Ion:196 Resp: 319297
Ion Ratio Lower Upper
196 100
198 96.8 76.2 114.2
97 51.0 41.2 61.8
132 28.1 22.6 34.0





#45
2-Fluorobiphenyl
Concen: 78.546 ng
RT: 13.013 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

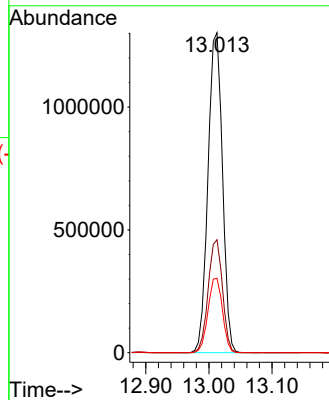
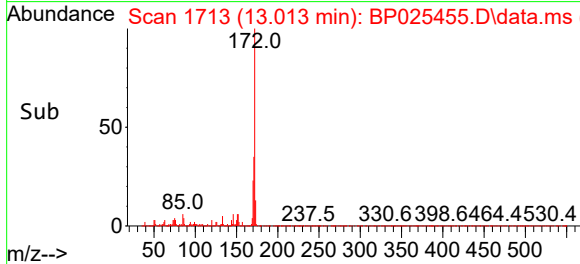
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:172 Resp: 2068879
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 23.3 18.6 28.0

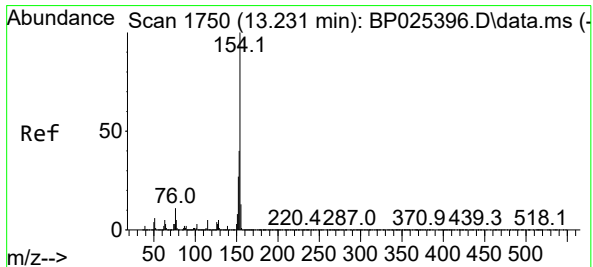
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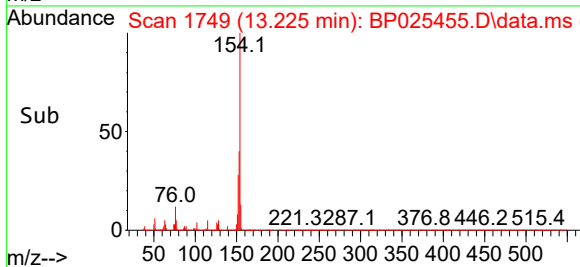
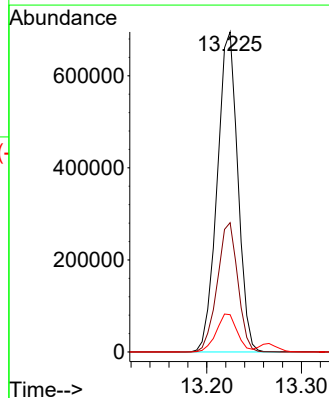
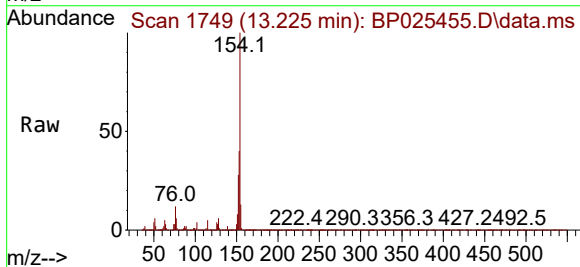
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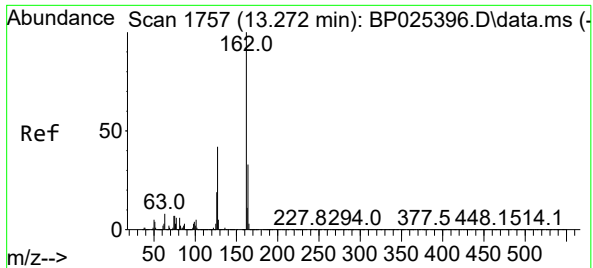
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#46
1,1'-Biphenyl
Concen: 40.137 ng
RT: 13.225 min Scan# 1749
Delta R.T. -0.006 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Tgt Ion:154 Resp: 1049348
Ion Ratio Lower Upper
154 100
153 40.4 19.5 59.5
76 11.7 0.0 31.1





#47

2-Chloronaphthalene

Concen: 39.638 ng

RT: 13.266 min Scan# 1756

Delta R.T. -0.006 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 806752

Ion Ratio Lower Upper

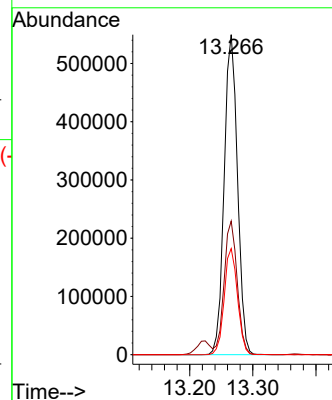
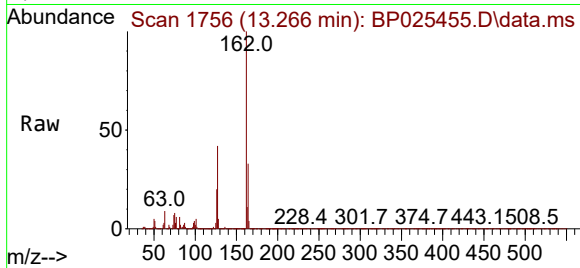
162 100

127 41.8 33.4 50.2

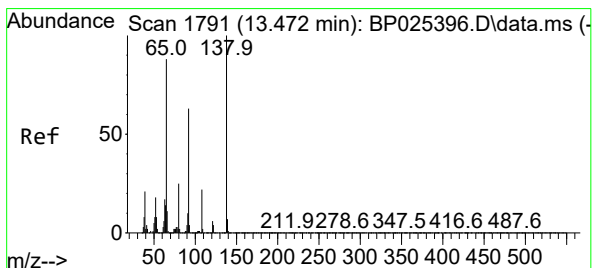
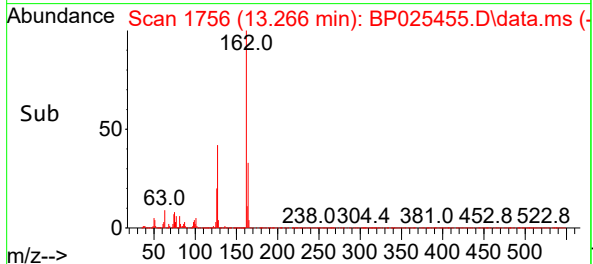
164 33.2 26.2 39.2

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Upadhyay

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#48

2-Nitroaniline

Concen: 42.761 ng

RT: 13.454 min Scan# 1788

Delta R.T. -0.018 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

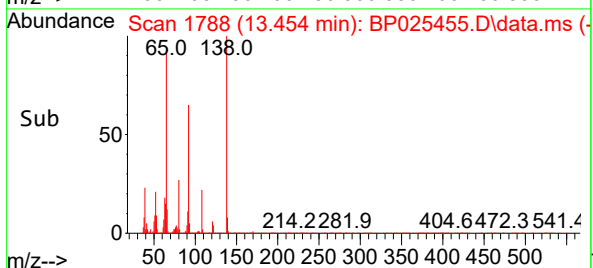
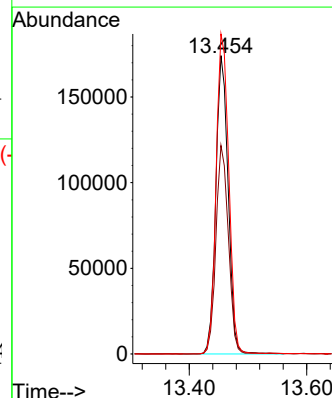
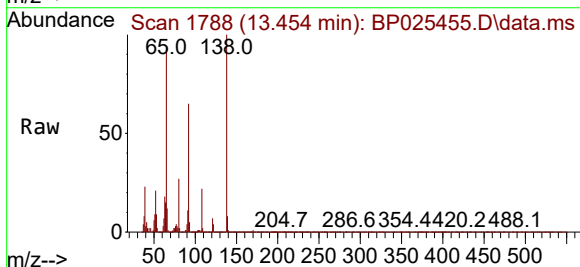
Tgt Ion: 65 Resp: 253588

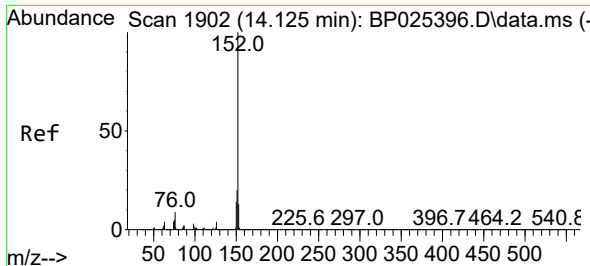
Ion Ratio Lower Upper

65 100

92 69.9 57.6 86.4

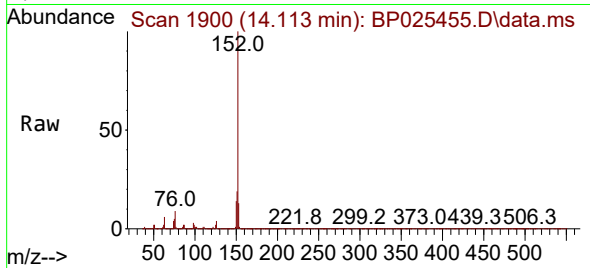
138 107.2 91.0 136.6





#49
Acenaphthylene
Concen: 39.870 ng
RT: 14.113 min Scan# 1902
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

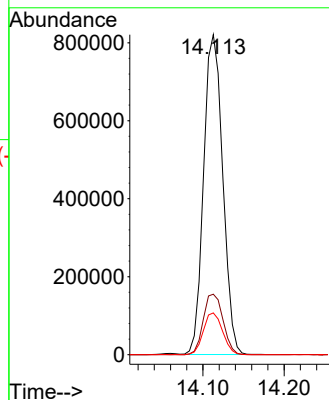
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:152 Resp: 1342750
Ion Ratio Lower Upper
152 100
151 18.9 16.0 24.0
153 13.0 10.6 15.8

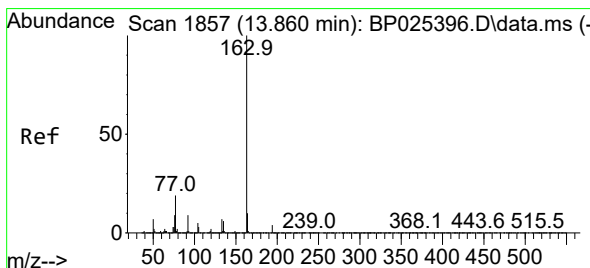
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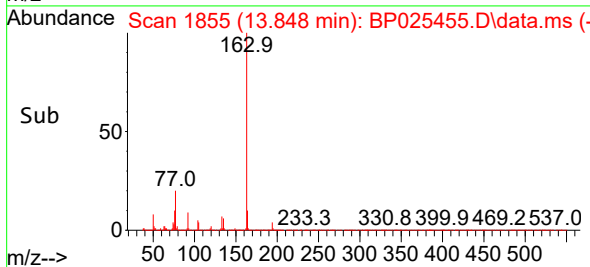
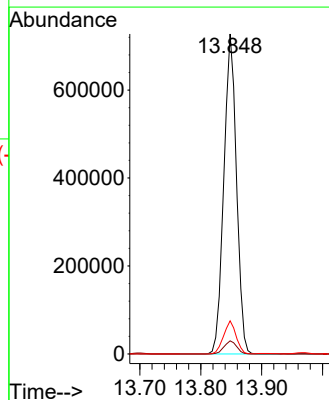
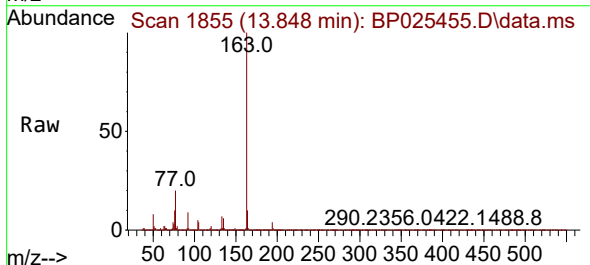
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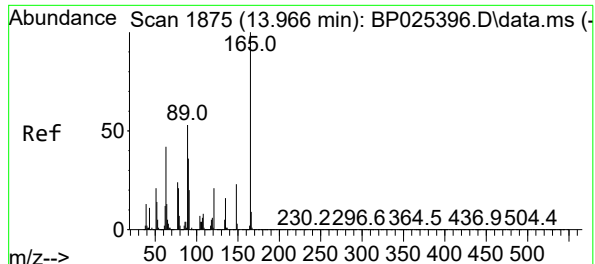
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#50
Dimethylphthalate
Concen: 39.777 ng
RT: 13.848 min Scan# 1855
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

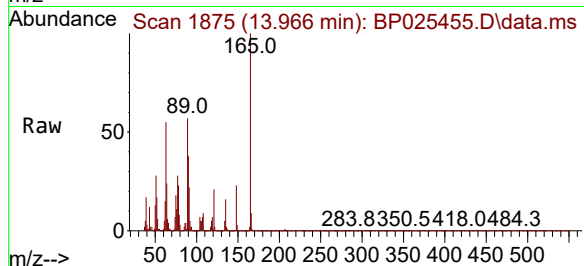
Tgt Ion:163 Resp: 1048563
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.4 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 41.304 ng
RT: 13.966 min Scan# 1875
Delta R.T. -0.000 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

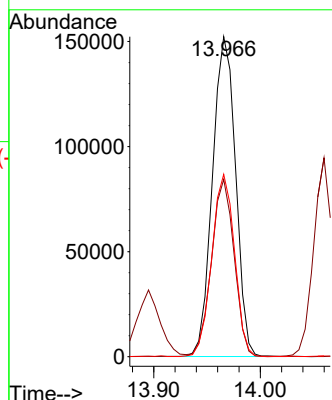
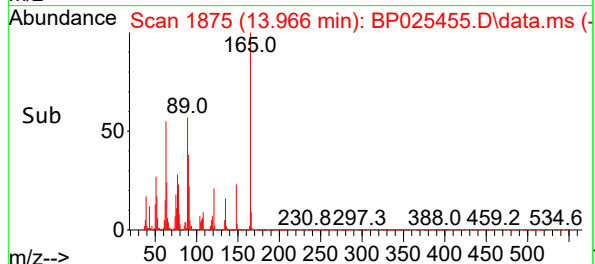
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:165 Resp: 22949
Ion Ratio Lower Upper
165 100
63 55.4 40.9 61.3
89 57.0 42.1 63.1

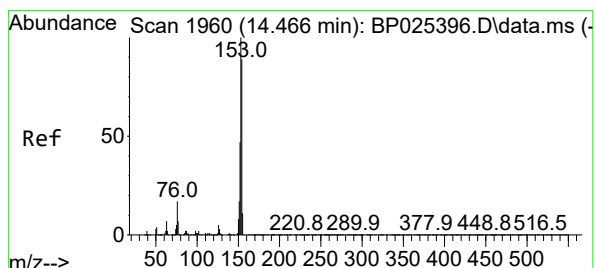
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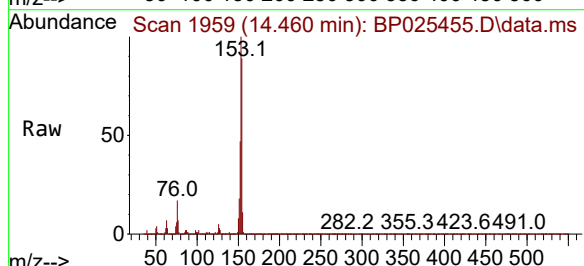


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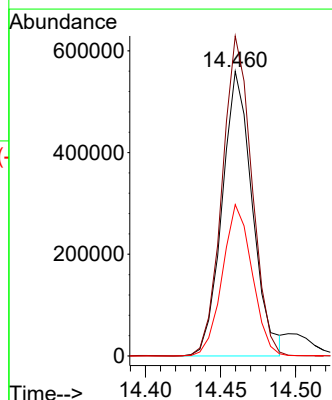
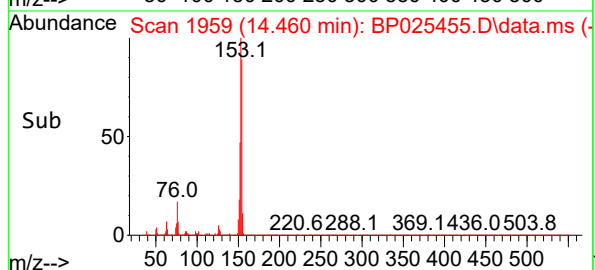
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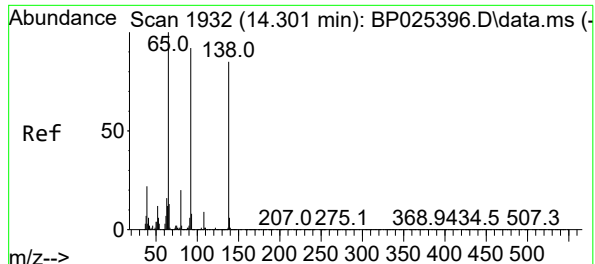


#52
Acenaphthene
Concen: 39.632 ng m
RT: 14.460 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39



Tgt Ion:154 Resp: 783467
Ion Ratio Lower Upper
154 100
153 112.4 90.2 135.2
152 53.2 42.1 63.1





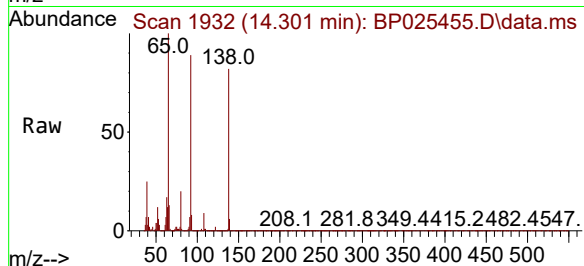
#53
3-Nitroaniline
Concen: 41.176 ng
RT: 14.301 min Scan# 1932
Delta R.T. -0.000 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Instrument :

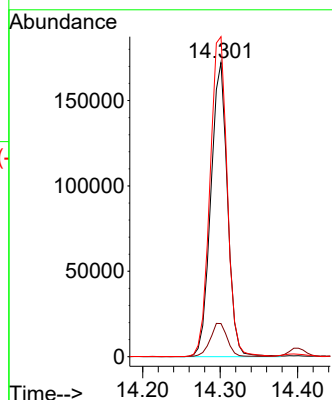
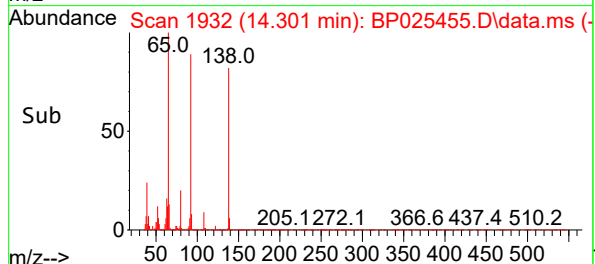
BNA_P

ClientSampleId :

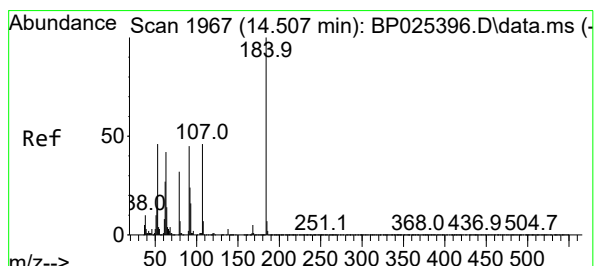
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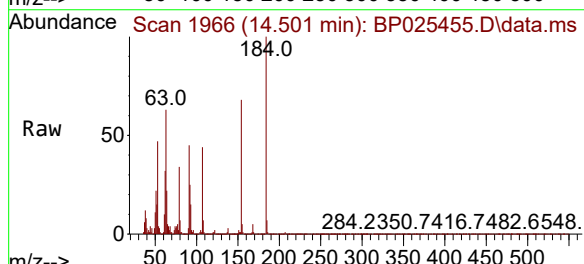
Tgt Ion:138 Resp: 257397
Ion Ratio Lower Upper
138 100
108 11.3 8.3 12.5
92 108.8 86.2 129.2

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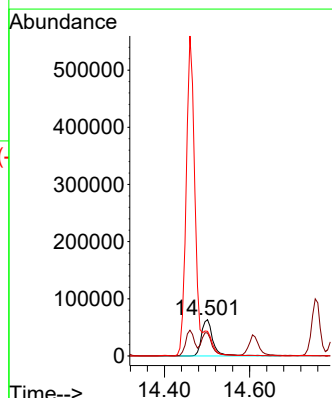
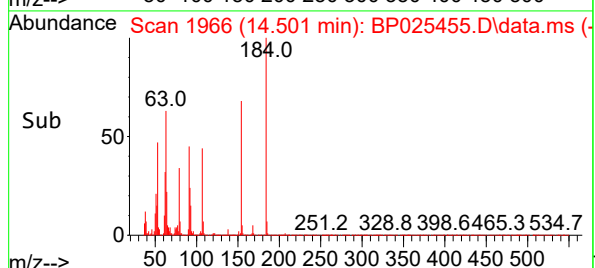
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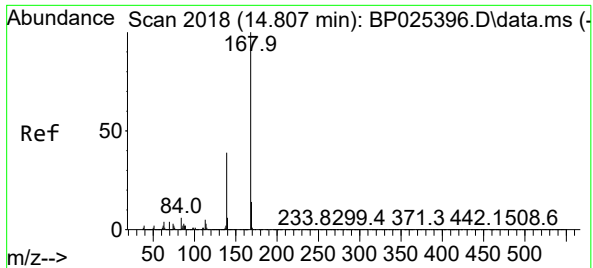


#54
2,4-Dinitrophenol
Concen: 40.428 ng
RT: 14.501 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39



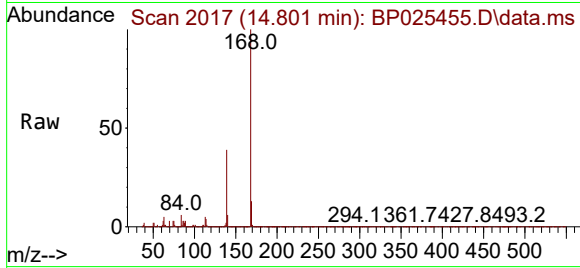
Tgt Ion:184 Resp: 119955
Ion Ratio Lower Upper
184 100
63 63.3 49.4 74.2
154 67.6 54.6 82.0





#55
Dibenzenofuran
Concen: 39.550 ng
RT: 14.801 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

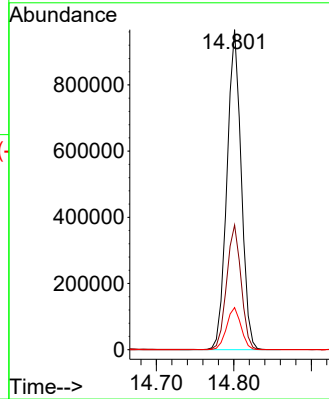
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:168 Resp: 123609
Ion Ratio Lower Upper
168 100
139 38.9 31.5 47.3
169 13.2 10.9 16.3

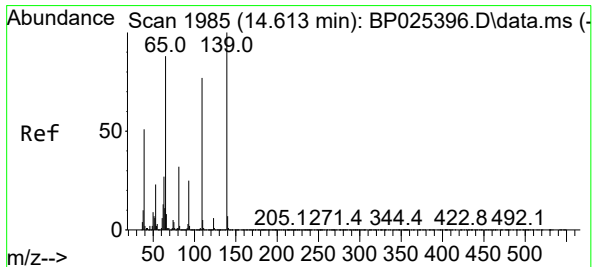
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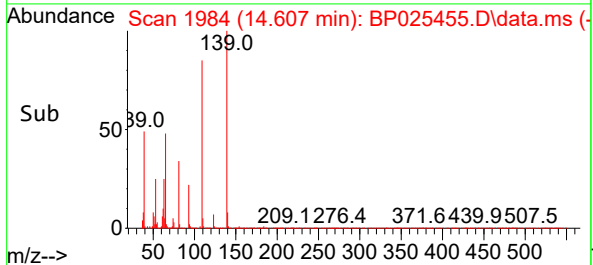
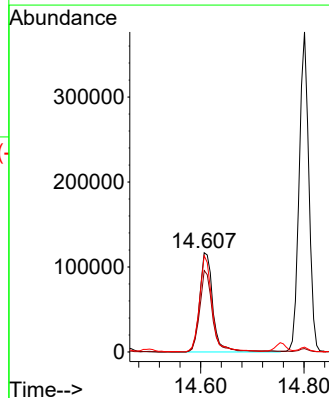
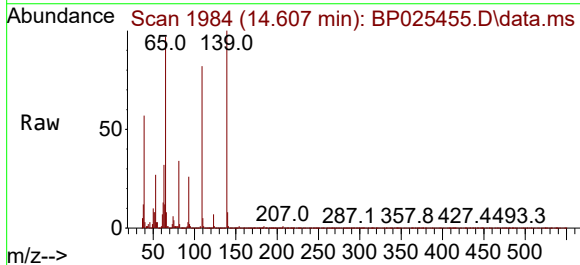
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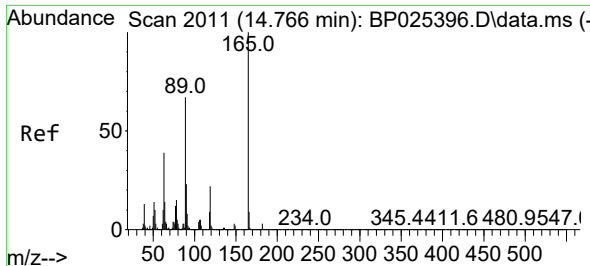
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#56
4-Nitrophenol
Concen: 40.596 ng
RT: 14.607 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

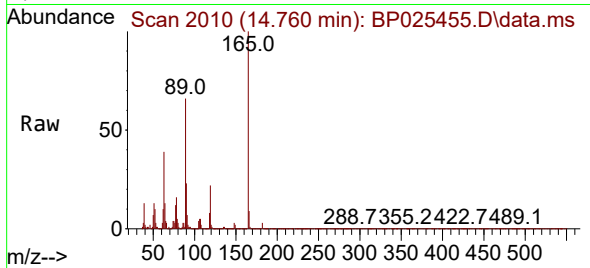
Tgt Ion:139 Resp: 208534
Ion Ratio Lower Upper
139 100
109 82.1 56.6 96.6
65 97.0 68.2 108.2





#57
2,4-Dinitrotoluene
Concen: 40.870 ng
RT: 14.760 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

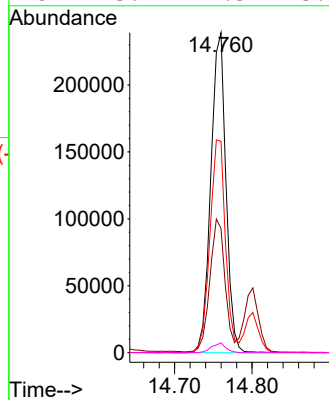
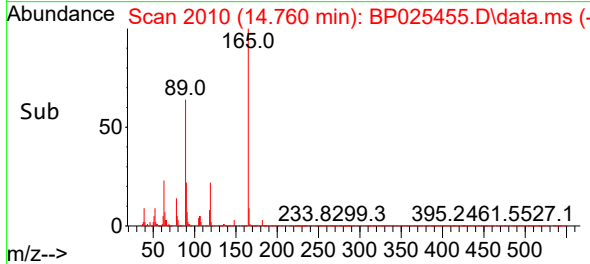
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:165 Resp: 323980
Ion Ratio Lower Upper
165 100
63 38.9 31.4 47.2
89 66.0 53.3 79.9
182 3.1 2.3 3.5

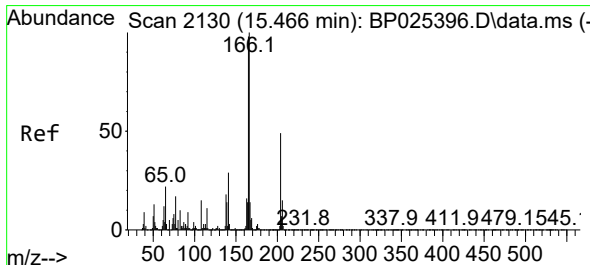
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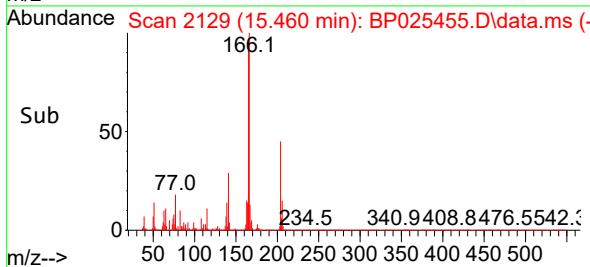
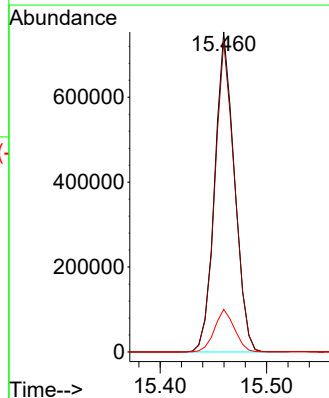
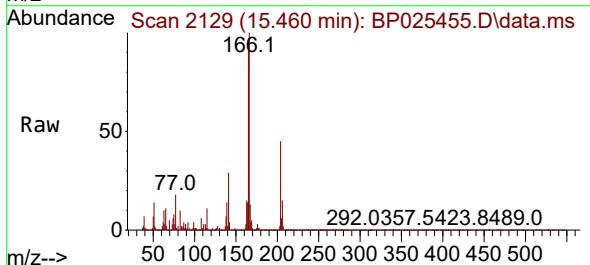
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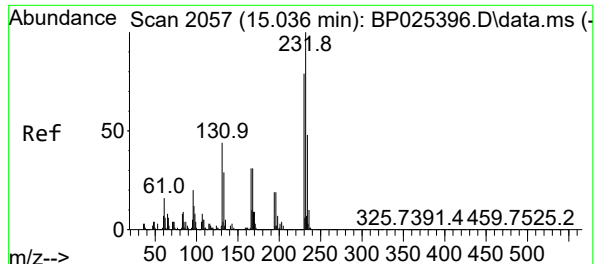
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#58
Fluorene
Concen: 39.335 ng
RT: 15.460 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

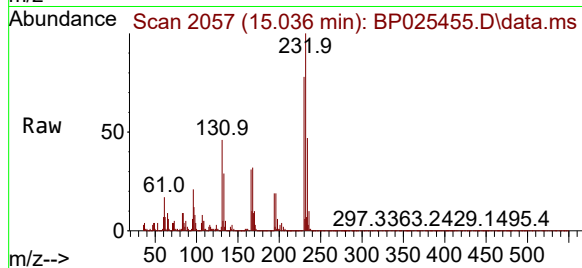
Tgt Ion:166 Resp: 970073
Ion Ratio Lower Upper
166 100
165 97.0 78.8 118.2
167 13.3 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.840 ng
RT: 15.036 min Scan# 2057
Delta R.T. -0.000 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

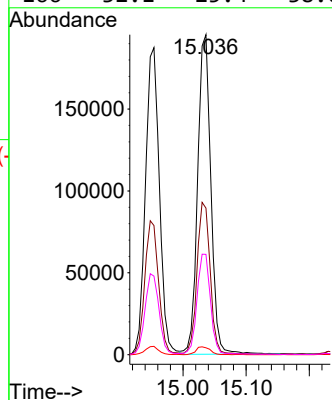
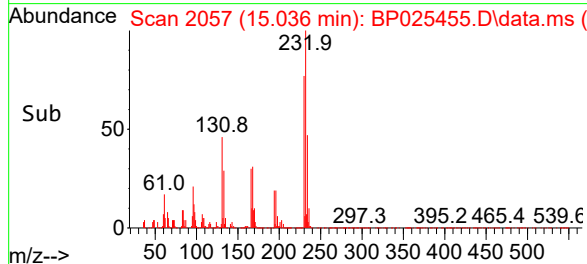
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:232 Resp: 284190
Ion Ratio Lower Upper
232 100
131 47.1 37.0 55.6
130 2.7 1.9 2.9
166 32.1 25.4 38.0

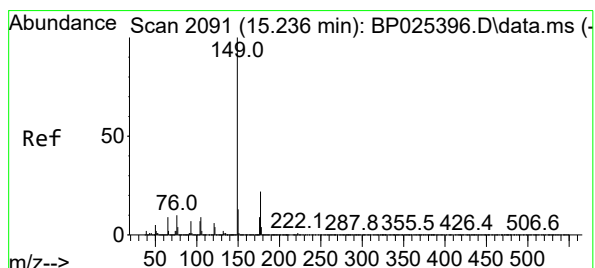
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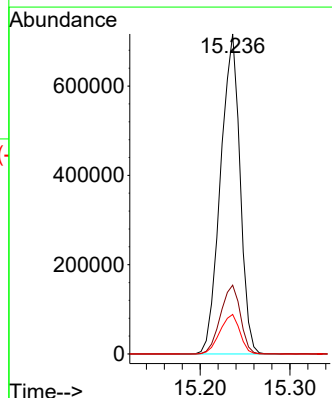
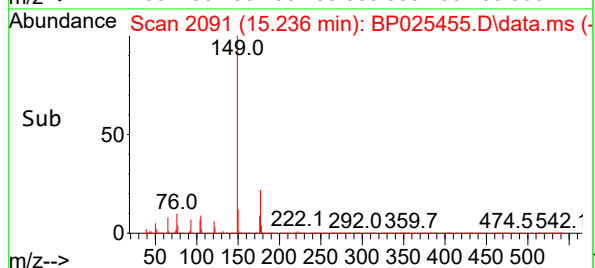
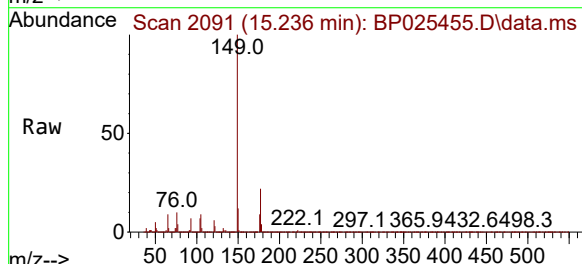
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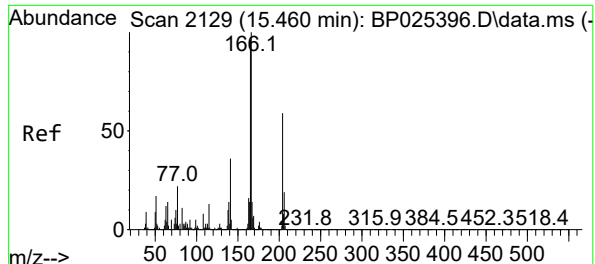
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#60
Diethylphthalate
Concen: 40.313 ng
RT: 15.236 min Scan# 2091
Delta R.T. -0.000 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

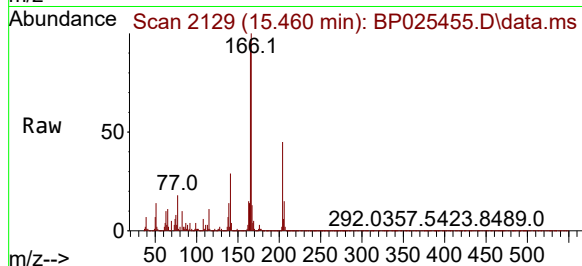
Tgt Ion:149 Resp: 1079798
Ion Ratio Lower Upper
149 100
177 21.5 17.3 25.9
150 12.3 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 38.912 ng
RT: 15.460 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

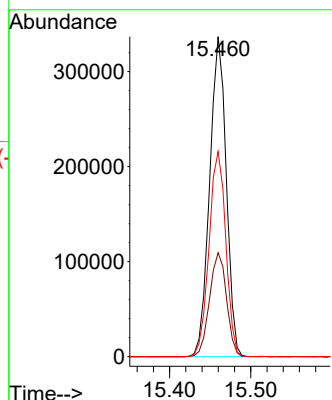
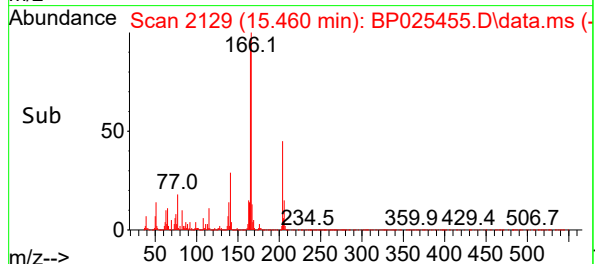
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:204 Resp: 477262
Ion Ratio Lower Upper
204 100
206 32.5 25.8 38.8
141 64.1 49.4 74.2

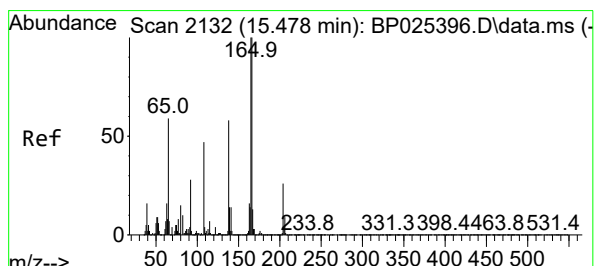
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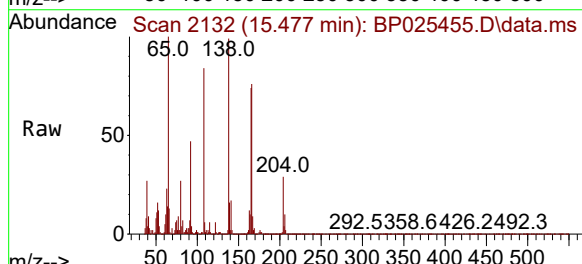


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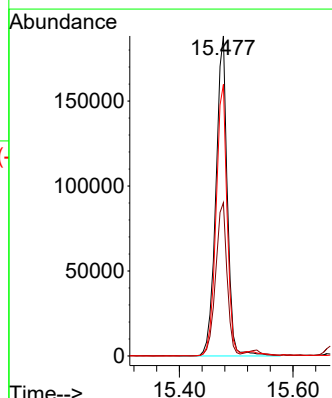
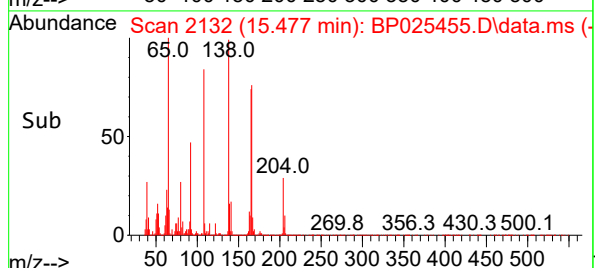
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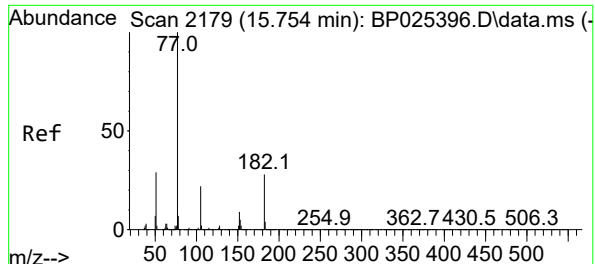


#62
4-Nitroaniline
Concen: 40.974 ng
RT: 15.477 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39



Tgt Ion:138 Resp: 262587
Ion Ratio Lower Upper
138 100
92 47.9 29.1 69.1
108 84.9 61.5 101.5





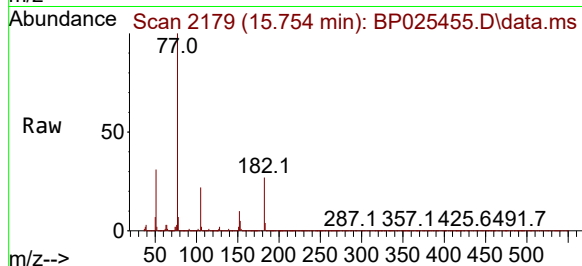
#63
Azobenzene
Concen: 41.644 ng
RT: 15.754 min Scan# 2179
Delta R.T. -0.000 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Instrument :

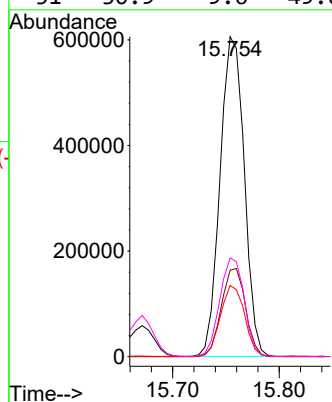
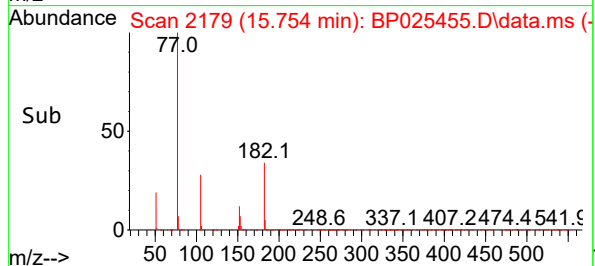
BNA_P

ClientSampleId :

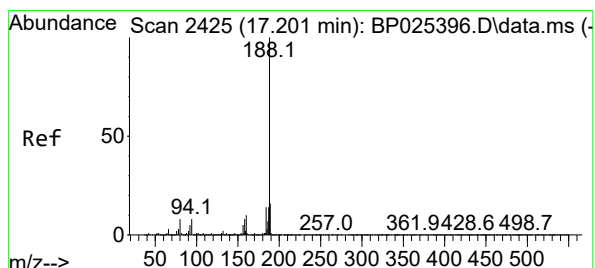
SSTDCCC040



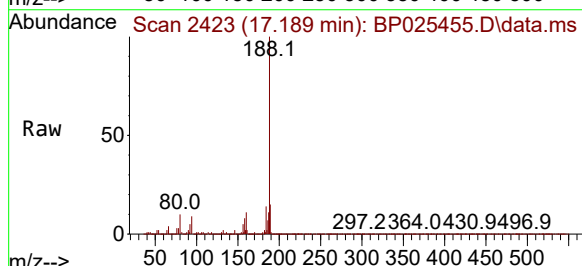
Tgt Ion: 77 Resp: 95513
Ion Ratio Lower Upper
77 100
182 27.1 7.5 47.5
105 22.2 2.1 42.1
51 30.9 9.6 49.6

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Supervised By :Jagrut
Upadhyay

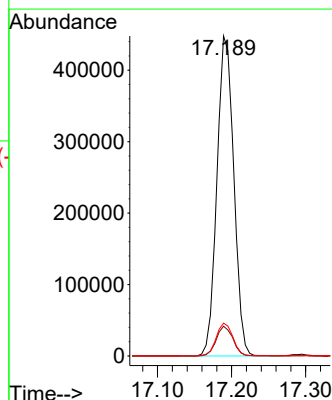
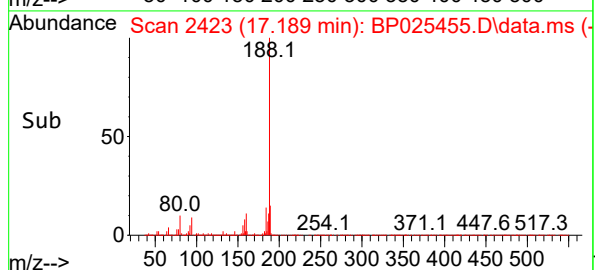
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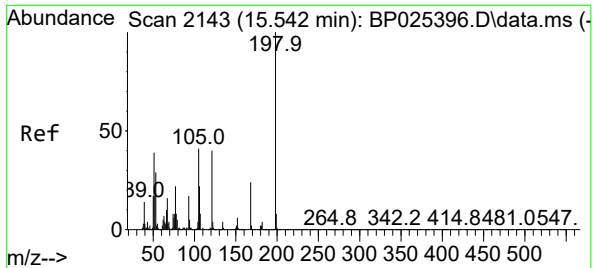


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 2423
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39



Tgt Ion:188 Resp: 707933
Ion Ratio Lower Upper
188 100
94 9.3 6.6 10.0
80 10.2 6.7 10.1#





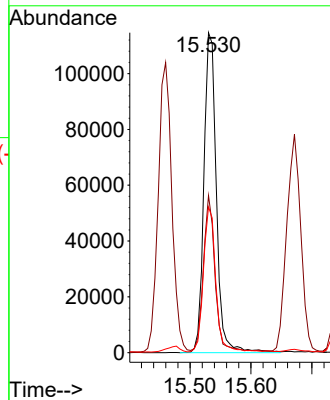
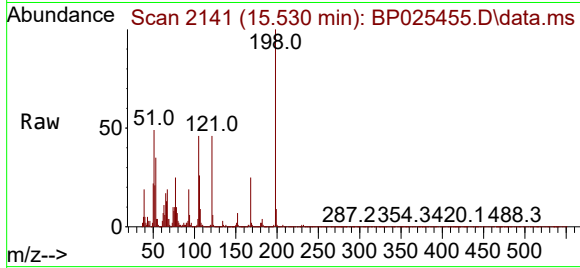
#65
4,6-Dinitro-2-methylphenol
Concen: 37.107 ng
RT: 15.530 min Scan# 2141
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 163748
Ion Ratio Lower Upper
198 100
51 49.1 19.6 59.6
105 45.6 20.9 60.9

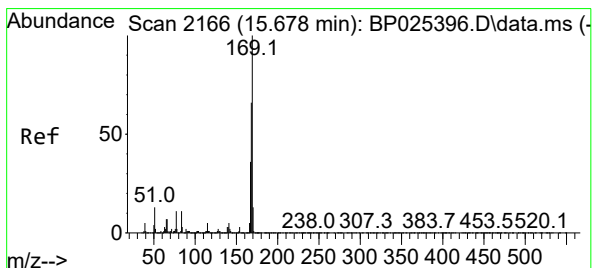
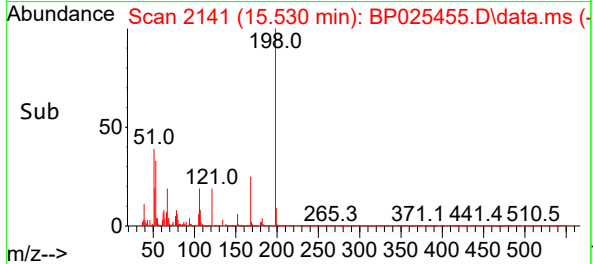
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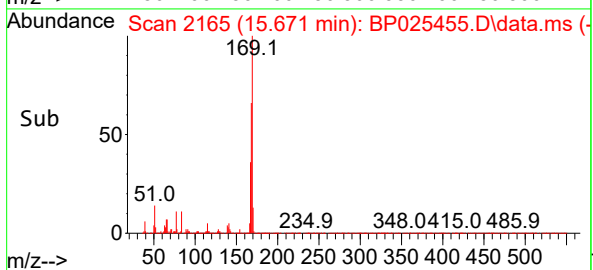
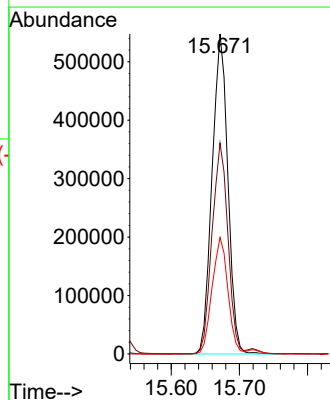
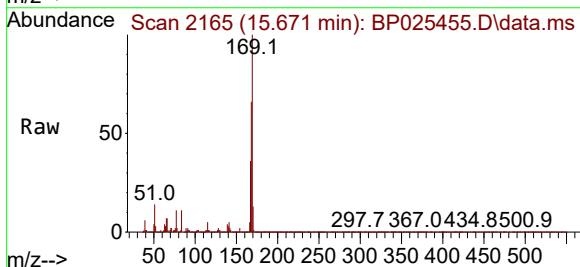
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Upadhyay

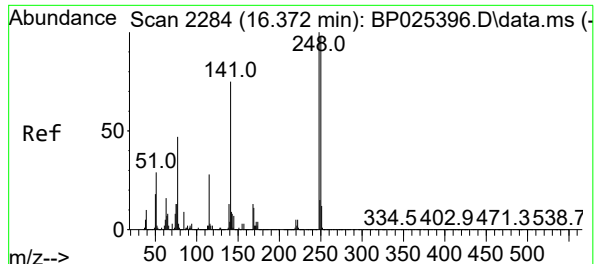
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#66
n-Nitrosodiphenylamine
Concen: 40.848 ng
RT: 15.671 min Scan# 2165
Delta R.T. -0.006 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Tgt Ion:169 Resp: 881828
Ion Ratio Lower Upper
169 100
168 65.9 53.2 79.8
167 36.4 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 40.681 ng
RT: 16.366 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Instrument :

BNA_P

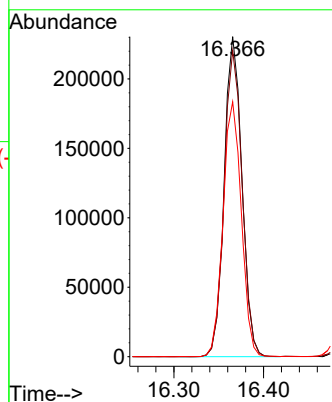
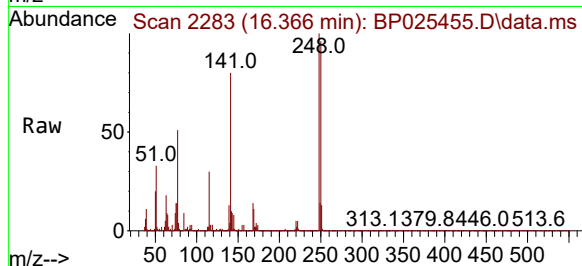
ClientSampleId :

SSTDCCC040

Tgt Ion:248 Resp: 316740
Ion Ratio Lower Upper
248 100
250 95.7 78.2 117.2
141 79.7 59.6 89.4

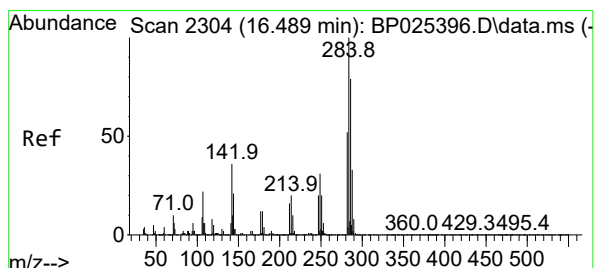
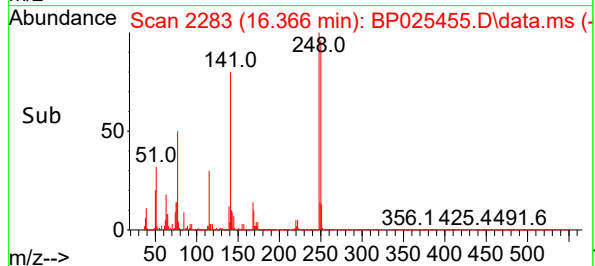
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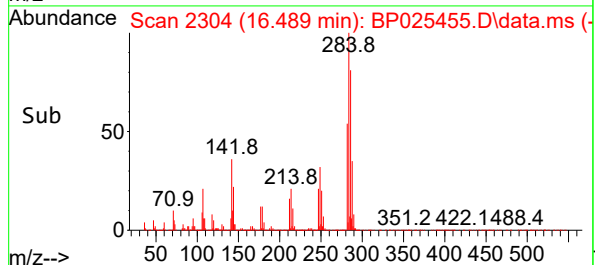
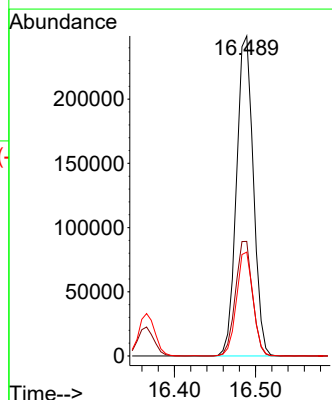
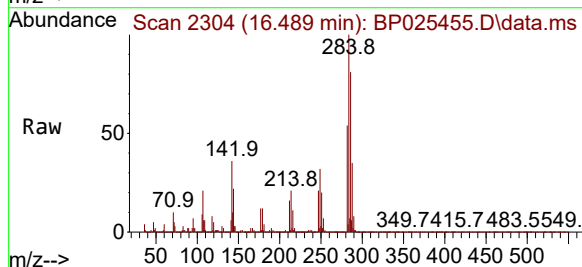
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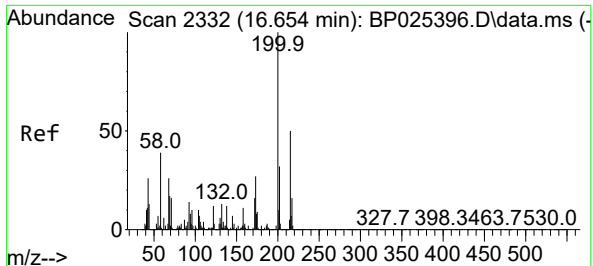
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#68
Hexachlorobenzene
Concen: 39.631 ng
RT: 16.489 min Scan# 2304
Delta R.T. -0.000 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

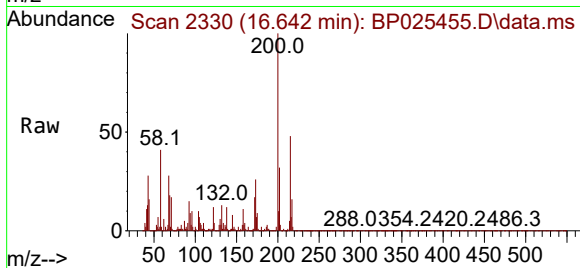
Tgt Ion:284 Resp: 357689
Ion Ratio Lower Upper
284 100
142 35.8 29.1 43.7
249 32.5 25.0 37.4





#69
Atrazine
Concen: 40.719 ng
RT: 16.642 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

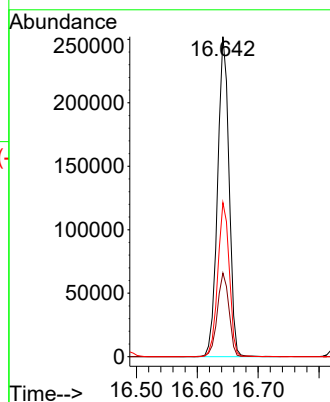
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:200 Resp: 32919
Ion Ratio Lower Upper
200 100
173 26.2 6.7 46.7
215 48.1 29.7 69.7

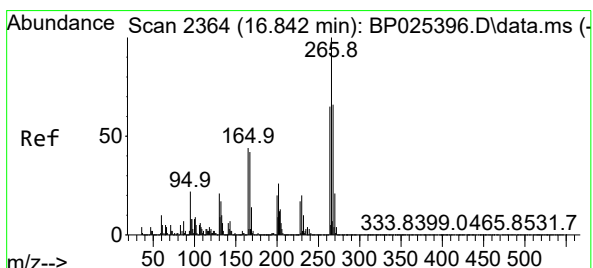
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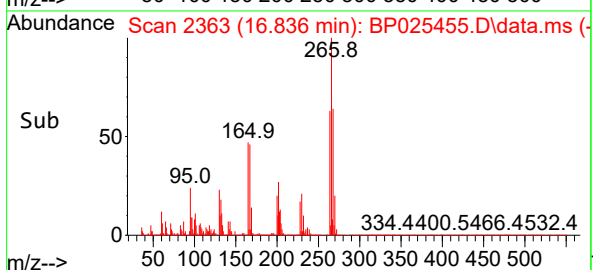
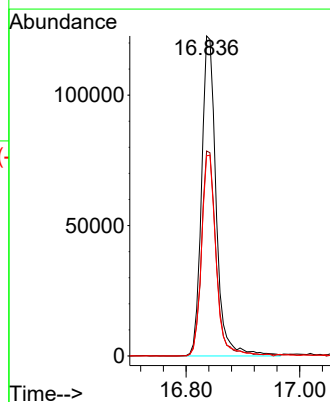
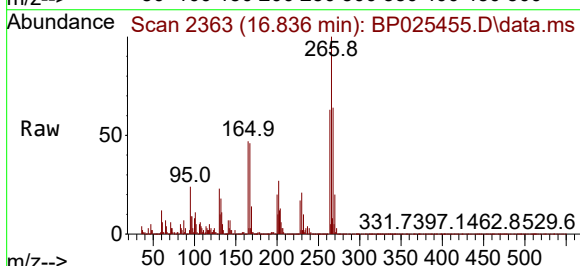
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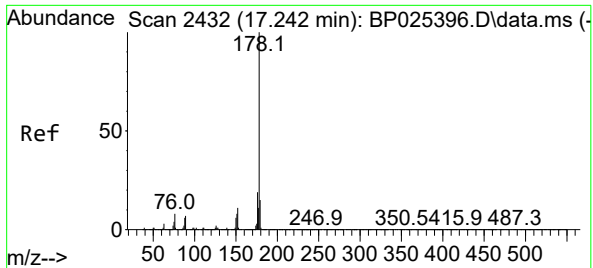
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#70
Pentachlorophenol
Concen: 38.345 ng
RT: 16.836 min Scan# 2363
Delta R.T. -0.006 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Tgt Ion:266 Resp: 218464
Ion Ratio Lower Upper
266 100
268 64.1 52.6 79.0
264 62.5 52.0 78.0





#71

Phenanthrene

Concen: 40.940 ng

RT: 17.236 min Scan# 2431

Delta R.T. -0.006 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:178 Resp: 159213

Ion Ratio Lower Upper

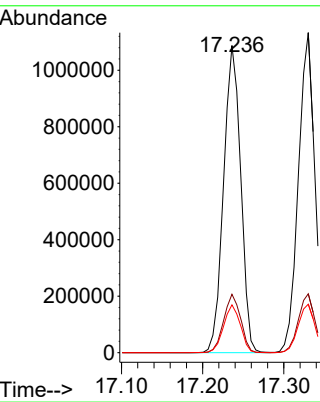
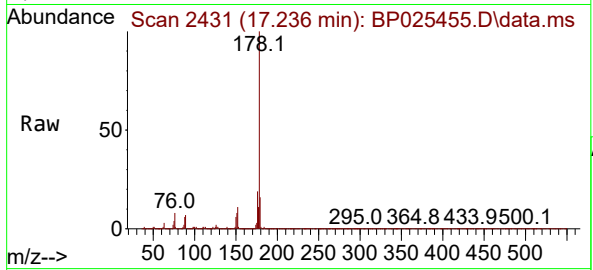
178 100

176 19.0 15.5 23.3

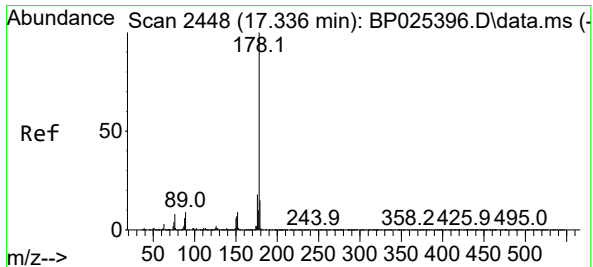
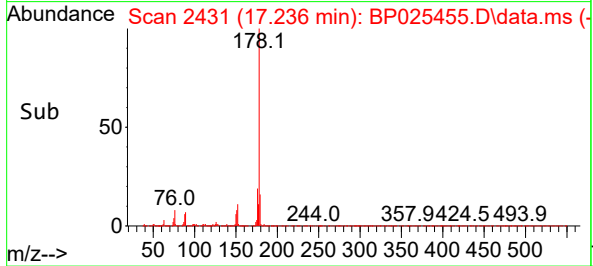
179 15.5 12.2 18.4

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#72

Anthracene

Concen: 40.573 ng

RT: 17.330 min Scan# 2447

Delta R.T. -0.006 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

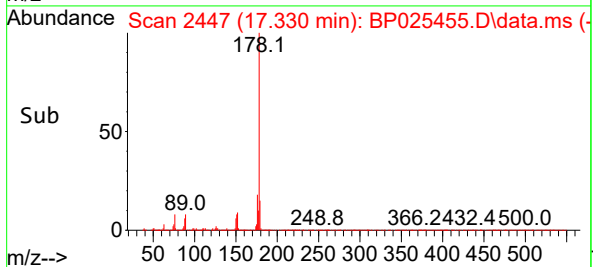
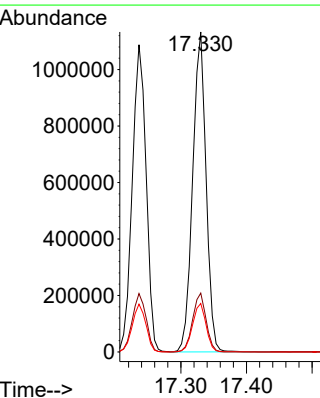
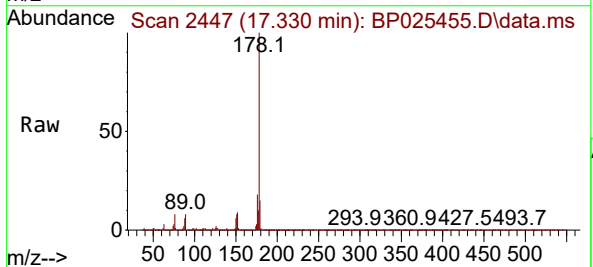
Tgt Ion:178 Resp: 1611288

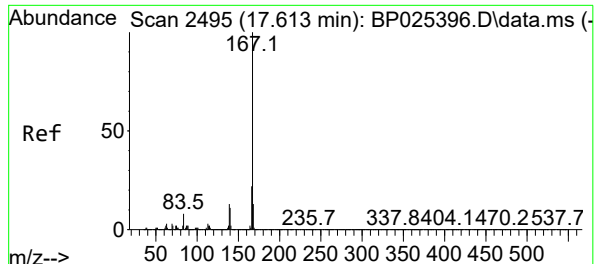
Ion Ratio Lower Upper

178 100

176 18.4 14.7 22.1

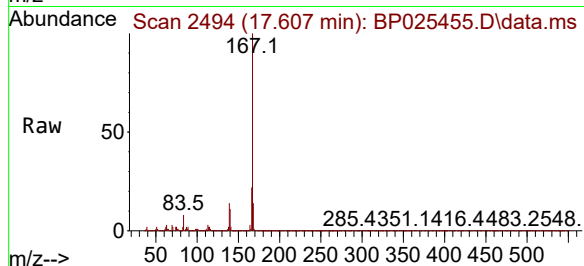
179 15.1 12.2 18.2





#73
 Carbazole
 Concen: 40.458 ng
 RT: 17.607 min Scan# 2494
 Delta R.T. -0.006 min
 Lab File: BP025455.D
 Acq: 18 Aug 2025 10:39

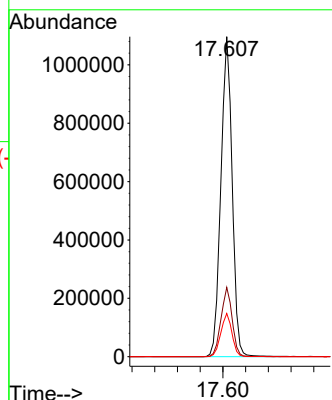
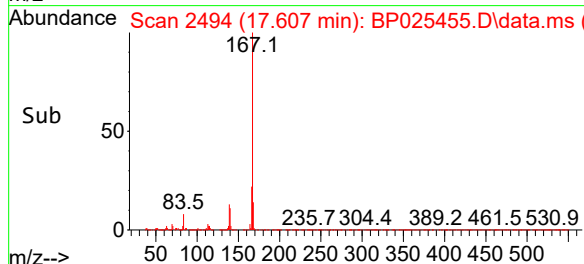
Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040



Tgt Ion:167 Resp: 1513389
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.5 26.3
 139 13.5 10.6 16.0

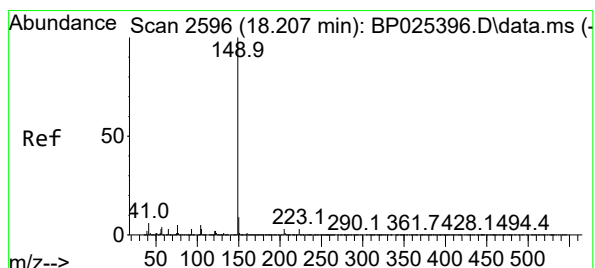
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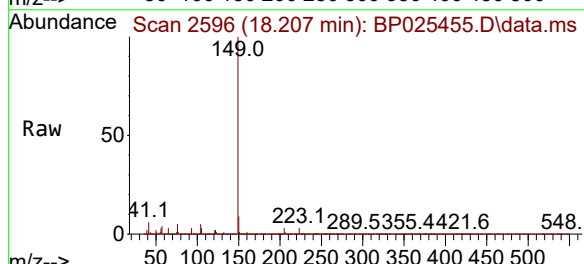


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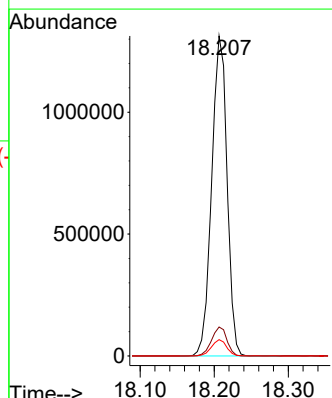
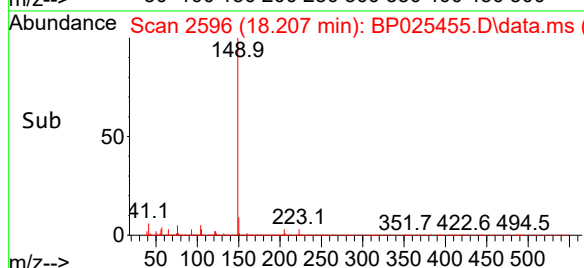
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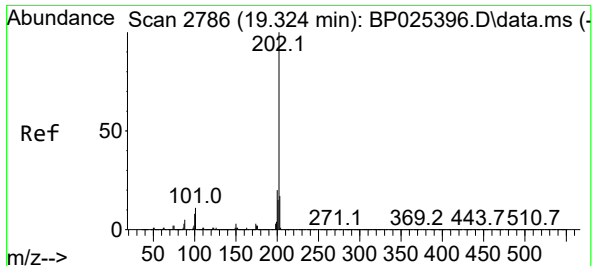


#74
 Di-n-butylphthalate
 Concen: 41.042 ng
 RT: 18.207 min Scan# 2596
 Delta R.T. -0.000 min
 Lab File: BP025455.D
 Acq: 18 Aug 2025 10:39



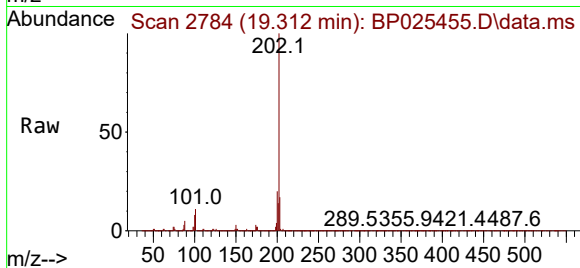
Tgt Ion:149 Resp: 1888886
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 5.1 4.2 6.2





#75
Fluoranthene
Concen: 40.441 ng
RT: 19.312 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

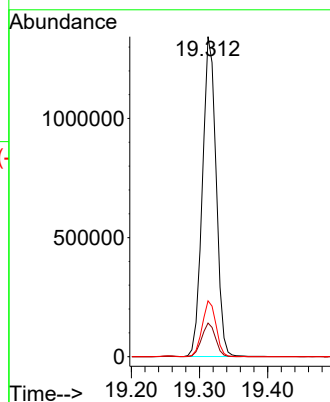
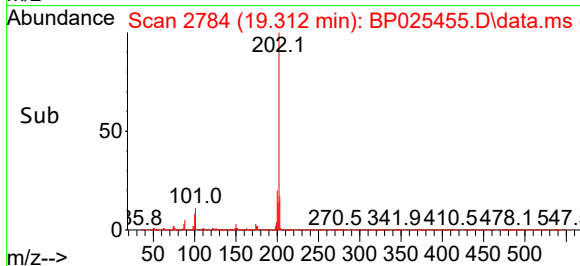
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:202 Resp: 187597
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.1
203 17.5 0.0 37.3

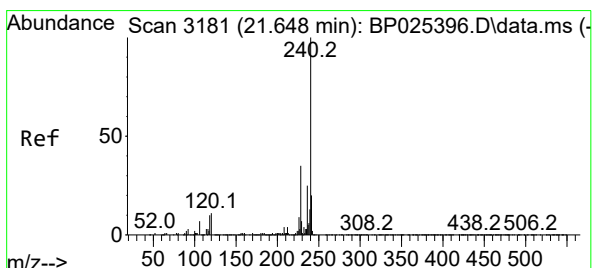
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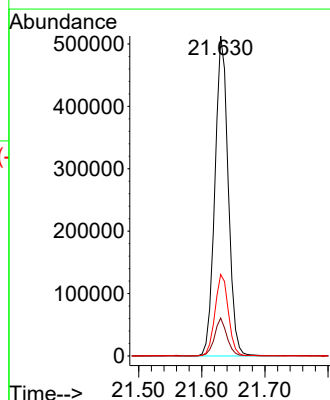
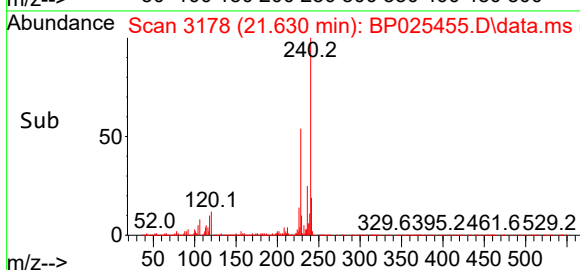
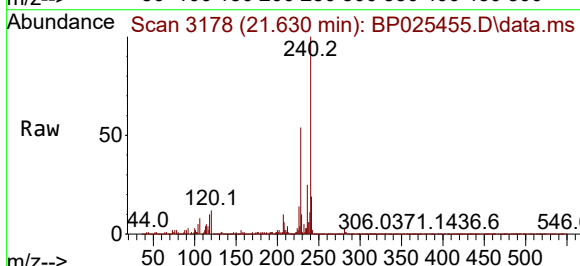
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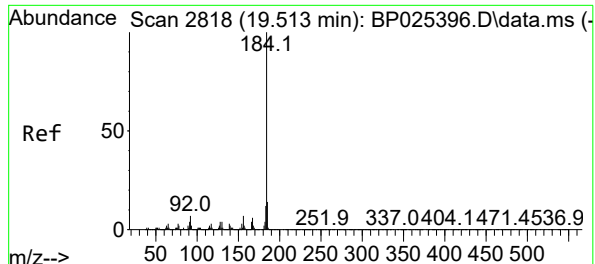
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3178
Delta R.T. -0.018 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

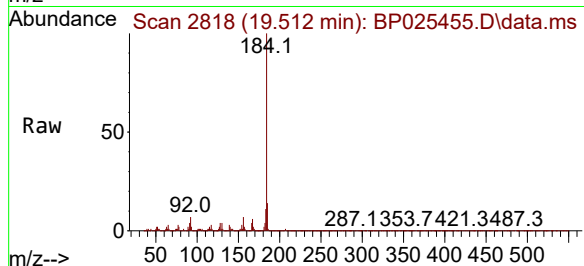
Tgt Ion:240 Resp: 748424
Ion Ratio Lower Upper
240 100
120 11.9 8.9 13.3
236 25.5 19.8 29.8





#77
Benzidine
Concen: 43.129 ng
RT: 19.512 min Scan# 2818
Delta R.T. -0.000 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

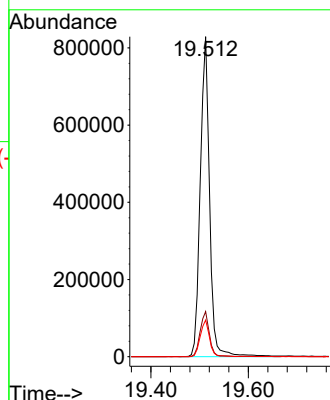
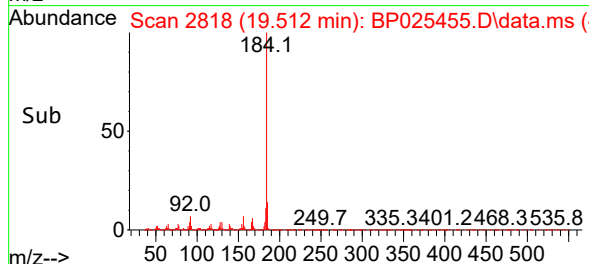
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:184 Resp: 1101599
Ion Ratio Lower Upper
184 100
185 14.1 11.5 17.3
183 11.5 9.4 14.2

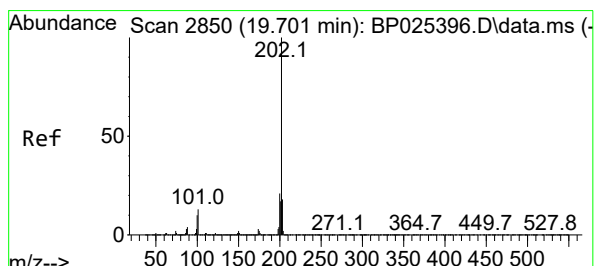
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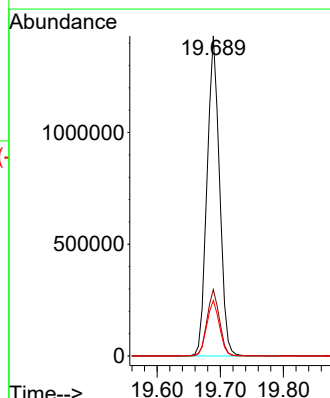
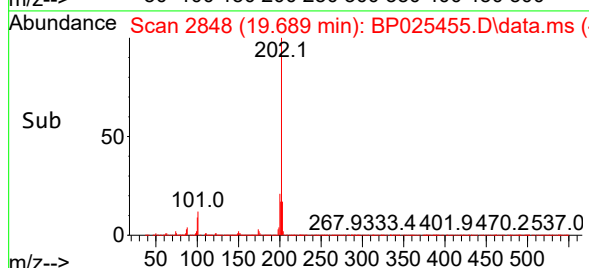
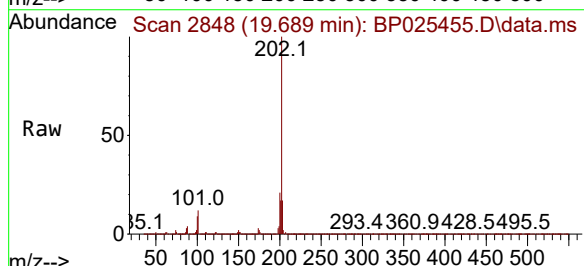
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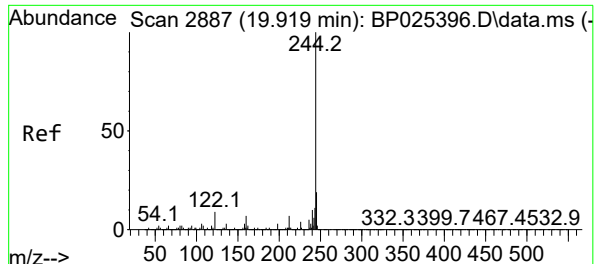
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#78
Pyrene
Concen: 40.302 ng
RT: 19.689 min Scan# 2848
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Tgt Ion:202 Resp: 1960510
Ion Ratio Lower Upper
202 100
200 20.8 16.9 25.3
203 17.4 14.2 21.2





#79

Terphenyl-d14

Concen: 79.354 ng

RT: 19.918 min Scan# 2887

Delta R.T. -0.000 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:244 Resp: 324613

Ion Ratio Lower Upper

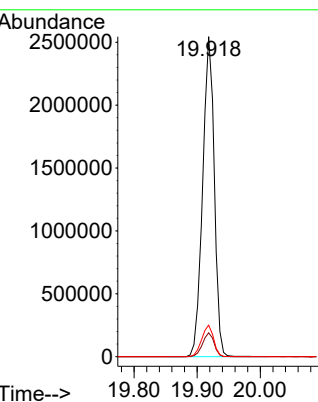
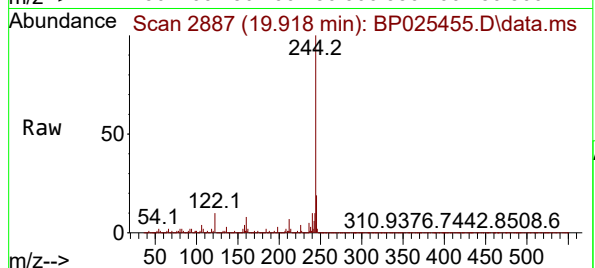
244 100

212 7.4 5.8 8.6

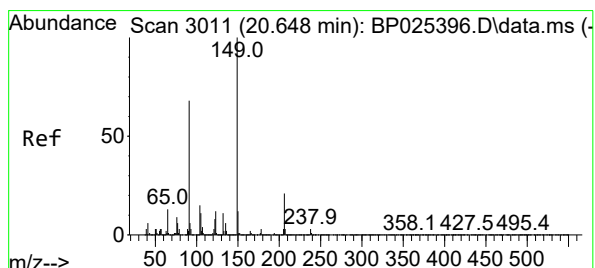
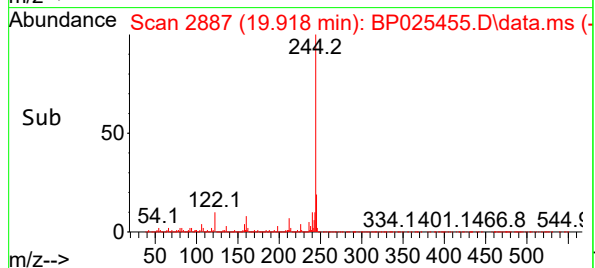
122 9.8 7.4 11.2

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#80

Butylbenzylphthalate

Concen: 40.189 ng

RT: 20.648 min Scan# 3011

Delta R.T. -0.000 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

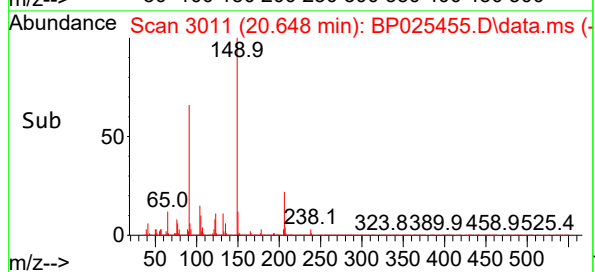
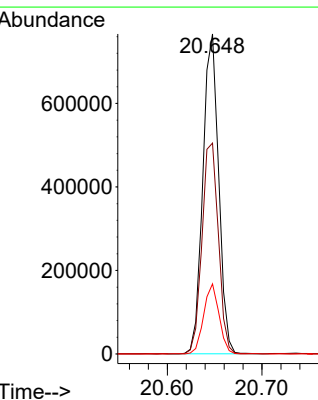
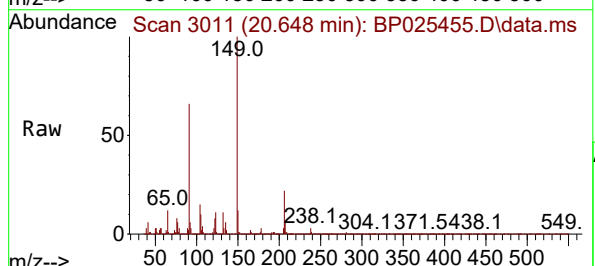
Tgt Ion:149 Resp: 886026

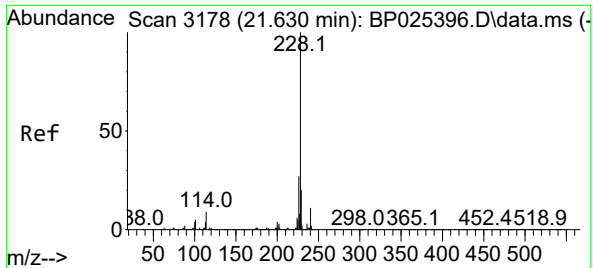
Ion Ratio Lower Upper

149 100

91 65.9 54.2 81.2

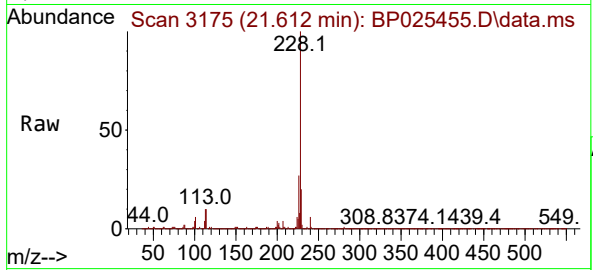
206 21.9 16.6 24.8





#81
Benzo(a)anthracene
Concen: 40.099 ng
RT: 21.612 min Scan# 3175
Delta R.T. -0.018 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

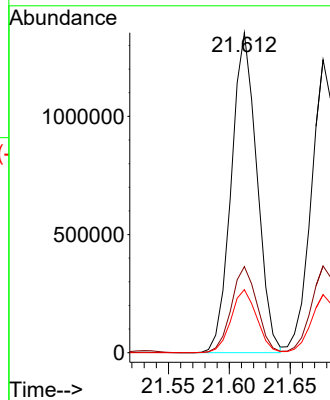
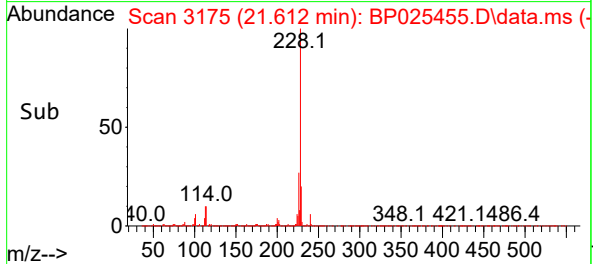
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:228 Resp: 1979219
Ion Ratio Lower Upper
228 100
226 26.9 21.7 32.5
229 19.7 15.6 23.4

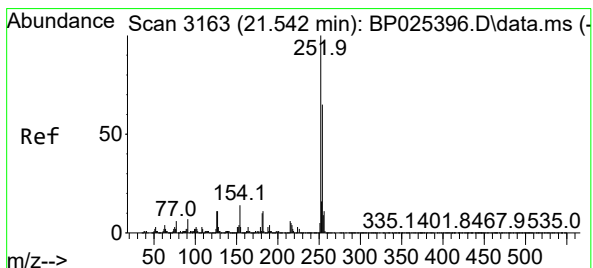
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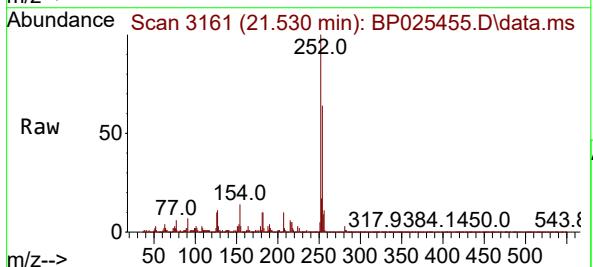


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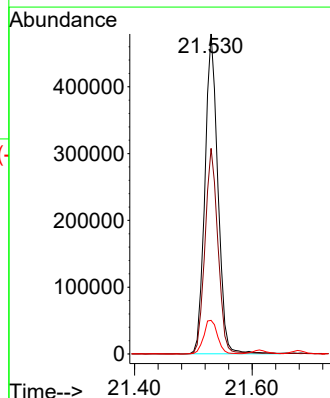
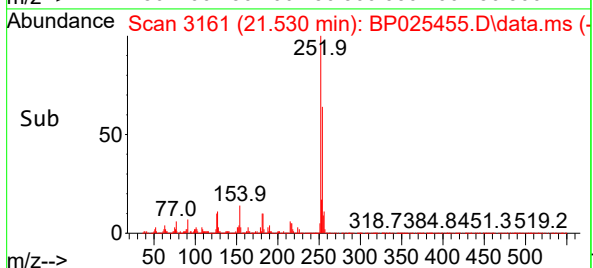
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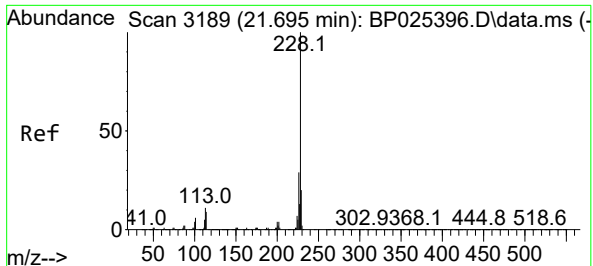


#82
3,3'-Dichlorobenzidine
Concen: 39.416 ng
RT: 21.530 min Scan# 3161
Delta R.T. -0.012 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39



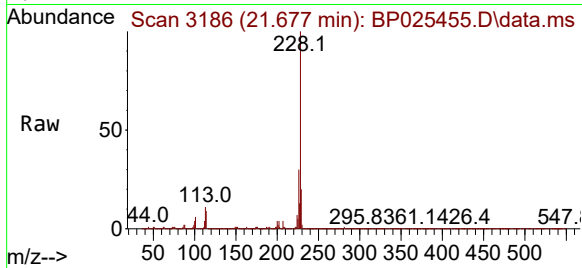
Tgt Ion:252 Resp: 733316
Ion Ratio Lower Upper
252 100
254 64.2 51.8 77.6
126 10.5 9.1 13.7





#83
Chrysene
Concen: 40.914 ng
RT: 21.677 min Scan# 3186
Delta R.T. -0.018 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

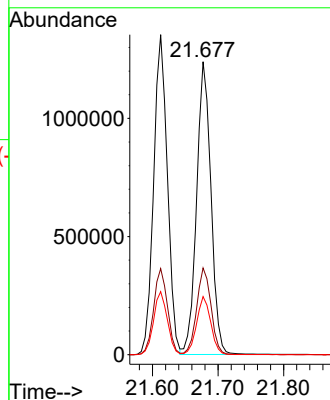
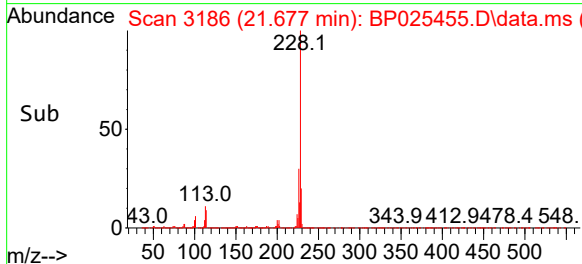
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:228 Resp: 189122
Ion Ratio Lower Upper
228 100
226 29.6 23.2 34.8
229 19.8 15.6 23.4

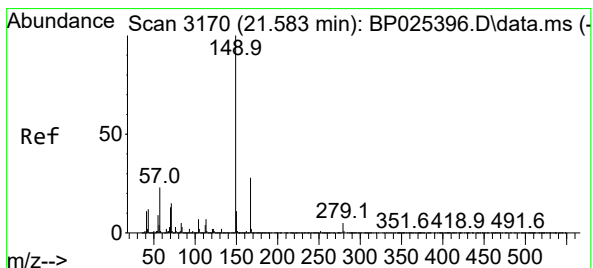
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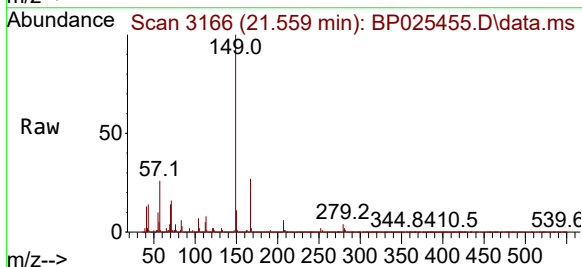


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Supervised By :Jagrut
Upadhyay

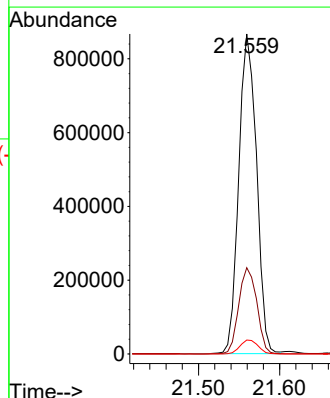
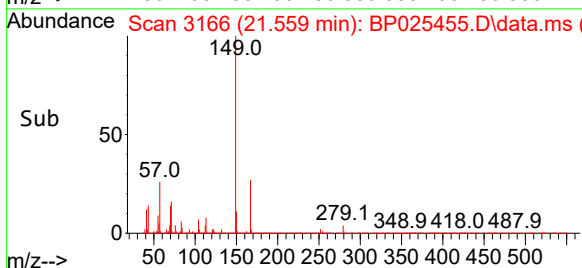
08/19/2025

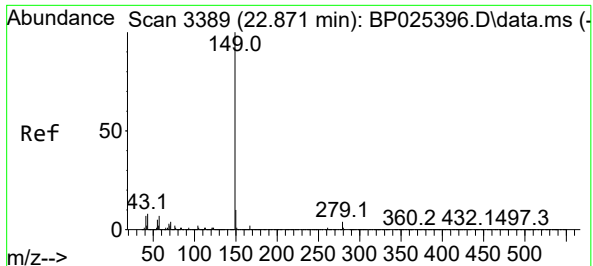


#84
Bis(2-ethylhexyl)phthalate
Concen: 40.573 ng
RT: 21.559 min Scan# 3166
Delta R.T. -0.024 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39



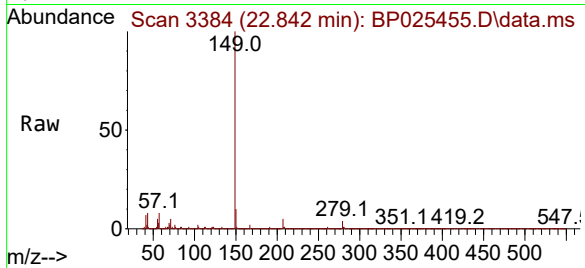
Tgt Ion:149 Resp: 1316742
Ion Ratio Lower Upper
149 100
167 27.0 22.1 33.1
279 4.4 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 39.933 ng
RT: 22.842 min Scan# 31
Delta R.T. -0.030 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

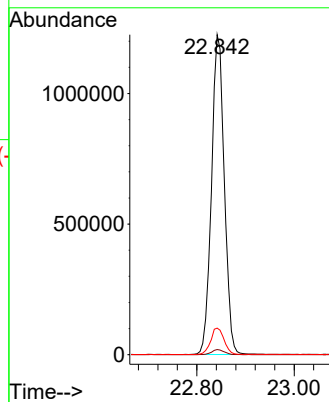
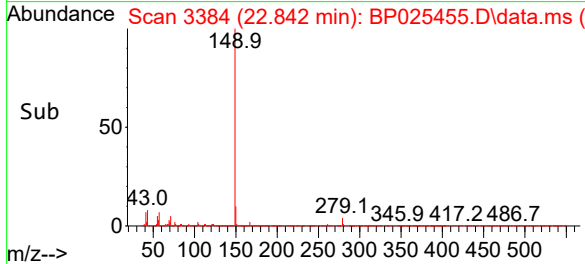
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:149 Resp: 2229130
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.6 6.3 9.5

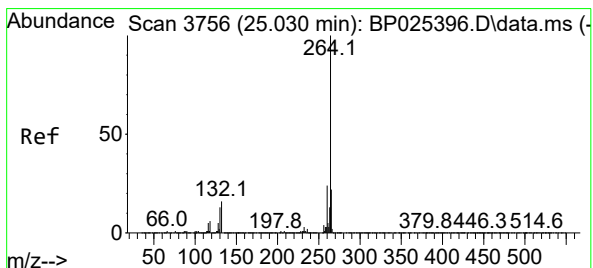
Manual Integrations
APPROVED

Reviewed By :Rahul
Chavli



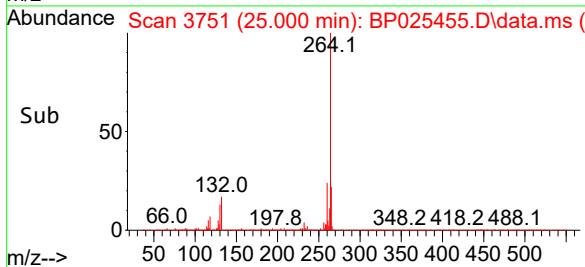
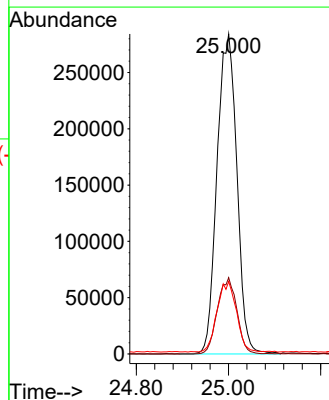
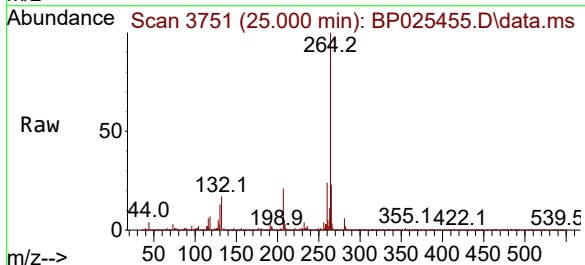
08/19/2025
Supervised By :Jagrut
Upadhyay

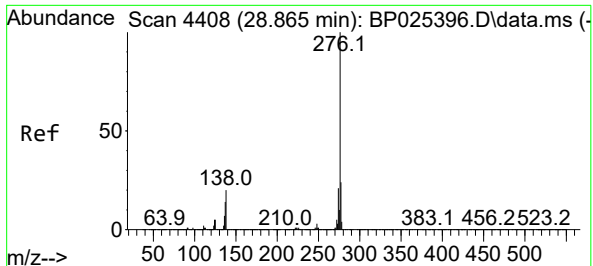
08/19/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.000 min Scan# 3751
Delta R.T. -0.030 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

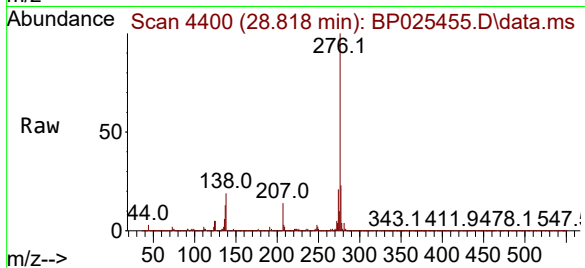
Tgt Ion:264 Resp: 846697
Ion Ratio Lower Upper
264 100
260 23.9 19.3 28.9
265 22.7 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 39.562 ng
RT: 28.818 min Scan# 4408
Delta R.T. -0.047 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

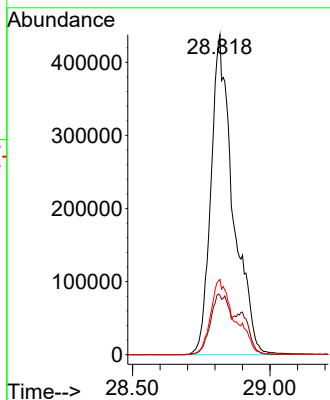
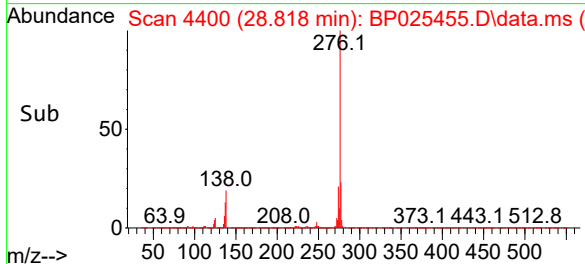
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 276 Resp: 245653
Ion Ratio Lower Upper
276 100
138 16.3 12.9 19.3
277 25.4 17.0 25.6

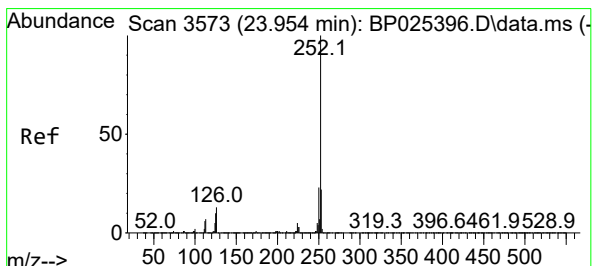
Manual Integrations
APPROVED

Reviewed By :Rahul
Chavli



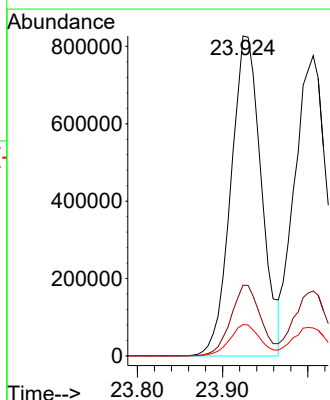
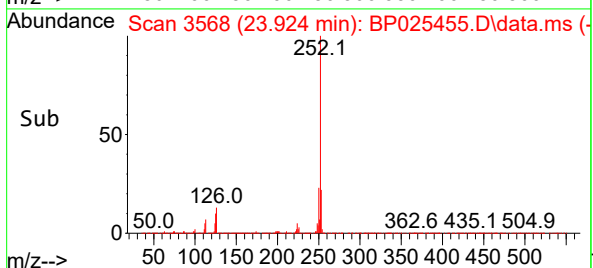
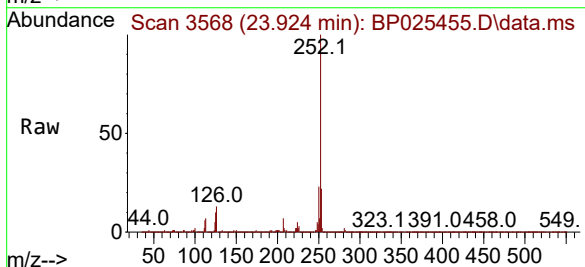
08/19/2025
Supervised By :Jagrut
Upadhyay

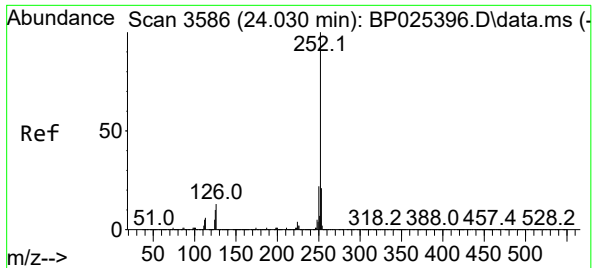
08/19/2025



#88
Benzo(b)fluoranthene
Concen: 41.116 ng
RT: 23.924 min Scan# 3568
Delta R.T. -0.030 min
Lab File: BP025455.D
Acq: 18 Aug 2025 10:39

Tgt Ion: 252 Resp: 2052802
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 9.8 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 40.510 ng

RT: 24.006 min Scan# 3586

Delta R.T. -0.024 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 202394

Ion Ratio Lower Upper

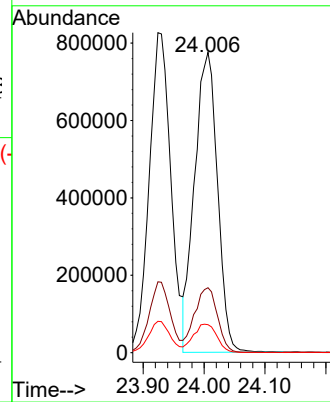
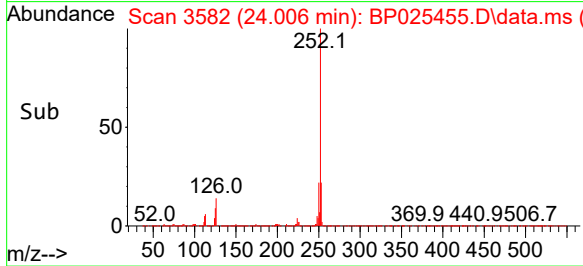
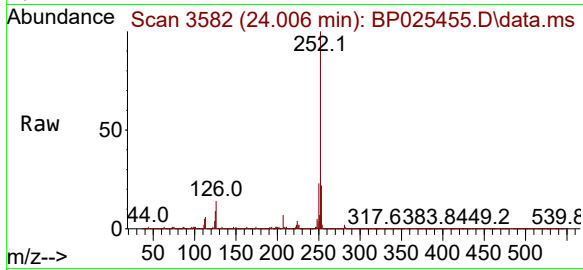
252 100

253 21.6 17.1 25.7

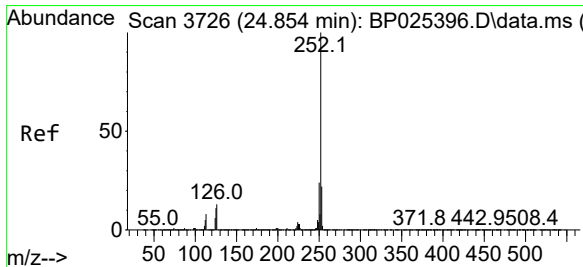
125 9.3 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :Rahul
Chavli08/19/2025
Supervised By :Jagrut
Upadhyay

08/19/2025



#90

Benzo(a)pyrene

Concen: 40.136 ng

RT: 24.842 min Scan# 3724

Delta R.T. -0.012 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

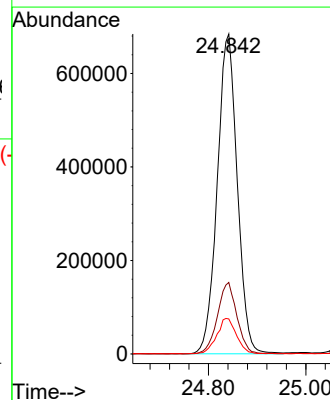
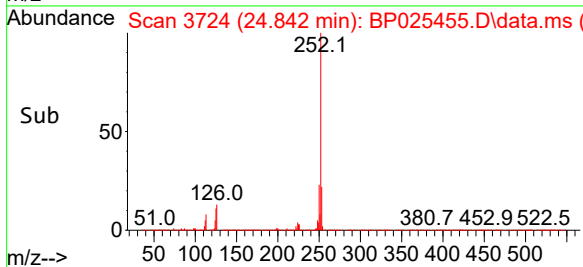
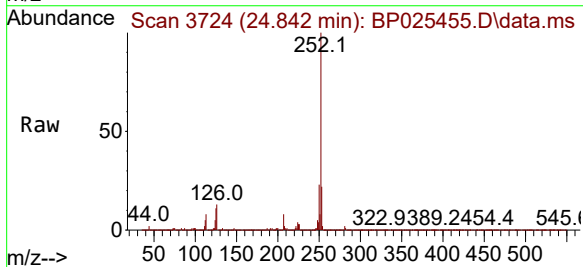
Tgt Ion:252 Resp: 1950603

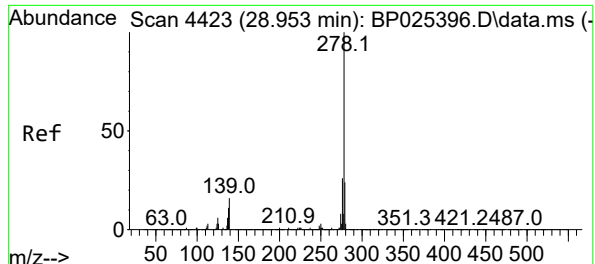
Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

125 11.0 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 39.905 ng

RT: 28.900 min Scan# 44

Delta R.T. -0.053 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:278 Resp: 202488

Ion Ratio Lower Upper

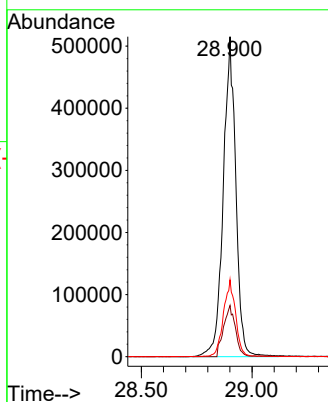
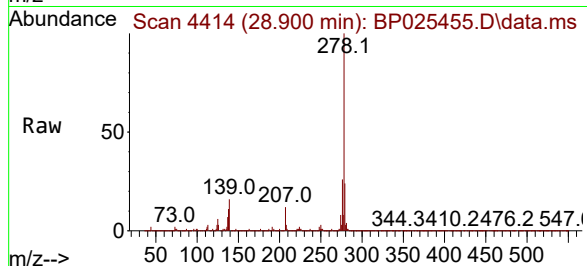
278 100

139 16.0 13.0 19.4

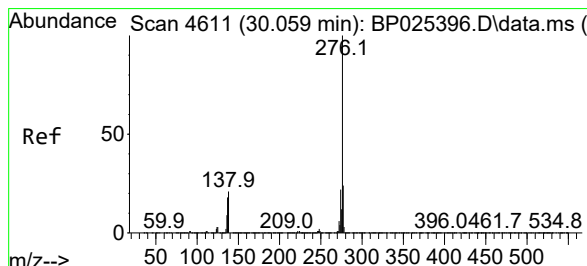
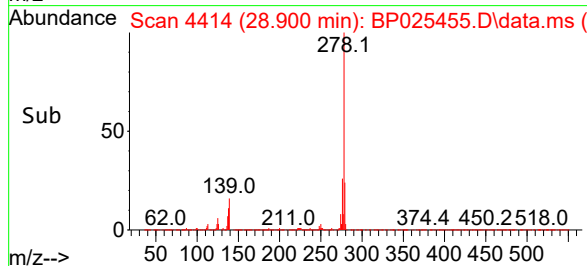
279 24.1 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Rahul
Chavli08/19/2025
Supervised By :Jagrut
Upadhyay

08/19/2025



#92

Benzo(g,h,i)perylene

Concen: 39.764 ng

RT: 30.000 min Scan# 4601

Delta R.T. -0.059 min

Lab File: BP025455.D

Acq: 18 Aug 2025 10:39

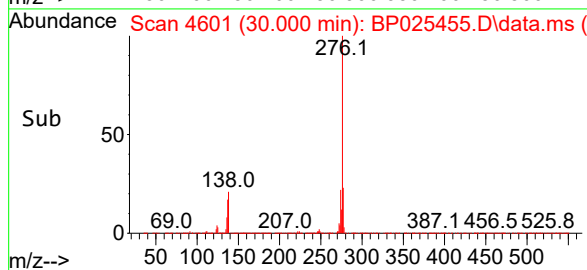
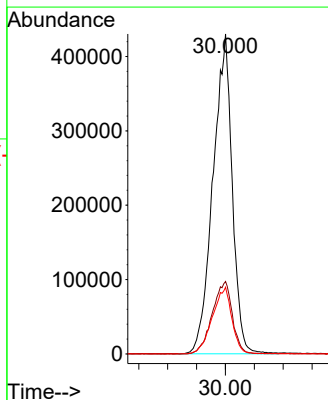
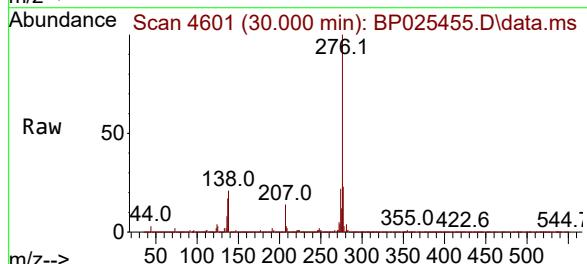
Tgt Ion:276 Resp: 1983435

Ion Ratio Lower Upper

276 100

277 22.6 19.4 29.0

138 20.9 16.7 25.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
 Data File : BP025455.D
 Acq On : 18 Aug 2025 10:39
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: Aug 18 12:42:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 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	82	-0.02
2	1,4-Dioxane	0.472	0.474	-0.4	87	-0.01
3	Pyridine	1.291	1.291	0.0	87	-0.01
4	n-Nitrosodimethylamine	0.532	0.554	-4.1	89	-0.01
5 S	2-Fluorophenol	1.204	1.235	-2.6	87	-0.01
6	Aniline	2.080	2.097	-0.8	85	-0.01
7 S	Phenol-d6	1.544	1.590	-3.0	86	-0.01
8	2-Chlorophenol	1.359	1.381	-1.6	86	-0.01
9	Benzaldehyde	1.082	1.303	-20.4	78	-0.01
10 C	Phenol	1.620	1.656	-2.2	86	-0.02
11	bis(2-Chloroethyl)ether	1.263	1.286	-1.8	86	-0.01
12	1,3-Dichlorobenzene	1.499	1.490	0.6	85	-0.01
13 C	1,4-Dichlorobenzene	1.532	1.523	0.6	85	-0.02
14	1,2-Dichlorobenzene	1.483	1.496	-0.9	86	-0.02
15	Benzyl Alcohol	1.227	1.233	-0.5	85	-0.02
16	2,2'-oxybis(1-Chloropropane	1.692	1.765	-4.3	89	-0.02
17	2-Methylphenol	1.125	1.153	-2.5	85	-0.01
18	Hexachloroethane	0.563	0.576	-2.3	87	-0.01
19 P	n-Nitroso-di-n-propylamine	1.023	1.040	-1.7	86	-0.01
20	3+4-Methylphenols	1.560	1.576	-1.0	85	-0.01
21 I	Naphthalene-d8	1.000	1.000	0.0	83	-0.01
22	Acetophenone	0.502	0.501	0.2	86	-0.01
23 S	Nitrobenzene-d5	0.395	0.398	-0.8	86	-0.01
24	Nitrobenzene	0.353	0.357	-1.1	86	-0.01
25	Isophorone	0.700	0.685	2.1	84	-0.02
26 C	2-Nitrophenol	0.181	0.183	-1.1	84	0.00
27	2,4-Dimethylphenol	0.312	0.308	1.3	83	-0.02
28	bis(2-Chloroethoxy)methane	0.423	0.425	-0.5	87	-0.01
29 C	2,4-Dichlorophenol	0.310	0.317	-2.3	86	-0.02
30	1,2,4-Trichlorobenzene	0.340	0.334	1.8	85	-0.01
31	Naphthalene	1.040	1.026	1.3	85	-0.01
32	Benzoic acid	0.230	0.273	-18.7	100	-0.02
33	4-Chloroaniline	0.459	0.458	0.2	84	-0.01
34 C	Hexachlorobutadiene	0.211	0.207	1.9	84	-0.02
35	Caprolactam	0.114	0.113	0.9	86	0.00
36 C	4-Chloro-3-methylphenol	0.355	0.363	-2.3	87	0.00
37	2-Methylnaphthalene	0.676	0.668	1.2	85	0.00
38	1-Methylnaphthalene	0.719	0.707	1.7	86	-0.01
39 I	Acenaphthene-d10	1.000	1.000	0.0	82	0.00
40	1,2,4,5-Tetrachlorobenzene	0.578	0.569	1.6	83	-0.01
41 P	Hexachlorocyclopentadiene	0.349	0.479	-37.2#	112	-0.01
42 S	2,4,6-Tribromophenol	0.269	0.270	-0.4	84	-0.01
43 C	2,4,6-Trichlorophenol	0.390	0.407	-4.4	87	0.00
44	2,4,5-Trichlorophenol	0.427	0.443	-3.7	85	0.00
45 S	2-Fluorobiphenyl	1.463	1.437	1.8	84	0.00
46	1,1'-Biphenyl	1.453	1.458	-0.3	84	0.00
47	2-Chloronaphthalene	1.131	1.121	0.9	83	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
 Data File : BP025455.D
 Acq On : 18 Aug 2025 10:39
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: Aug 18 12:42:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 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	0.352	-7.0	87	-0.02
49	Acenaphthylene	1.871	1.865	0.3	84	-0.01
50	Dimethylphthalate	1.465	1.456	0.6	85	-0.01
51	2,6-Dinitrotoluene	0.309	0.319	-3.2	84	0.00
52 C	Acenaphthene	1.098	1.088	0.9	85	0.00
53	3-Nitroaniline	0.347	0.358	-3.2	85	0.00
54 P	2,4-Dinitrophenol	0.165	0.167	-1.2	83	0.00
55	Dibenzofuran	1.736	1.717	1.1	84	0.00
56 P	4-Nitrophenol	0.285	0.290	-1.8	85	0.00
57	2,4-Dinitrotoluene	0.440	0.450	-2.3	84	0.00
58	Fluorene	1.370	1.347	1.7	84	0.00
59	2,3,4,6-Tetrachlorophenol	0.377	0.395	-4.8	88	0.00
60	Diethylphthalate	1.488	1.500	-0.8	85	0.00
61	4-Chlorophenyl-phenylether	0.681	0.663	2.6	83	0.00
62	4-Nitroaniline	0.356	0.365	-2.5	85	0.00
63	Azobenzene	1.274	1.327	-4.2	88	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	80	-0.01
65	4,6-Dinitro-2-methylphenol	0.125	0.116	7.2	75	-0.01
66 c	n-Nitrosodiphenylamine	0.610	0.623	-2.1	84	0.00
67	4-Bromophenyl-phenylether	0.220	0.224	-1.8	84	0.00
68	Hexachlorobenzene	0.255	0.253	0.8	84	0.00
69	Atrazine	0.228	0.233	-2.2	85	-0.01
70 C	Pentachlorophenol	0.161	0.154	4.3	78	0.00
71	Phenanthrene	1.099	1.124	-2.3	87	0.00
72	Anthracene	1.122	1.138	-1.4	84	0.00
73	Carbazole	1.057	1.069	-1.1	85	0.00
74	Di-n-butylphthalate	1.300	1.334	-2.6	86	0.00
75 C	Fluoranthene	1.311	1.325	-1.1	86	-0.01
76 I	Chrysene-d12	1.000	1.000	0.0	83	-0.02
77	Benzydine	0.683	0.736	-7.8	63	0.00
78	Pyrene	1.300	1.310	-0.8	86	-0.01
79 S	Terphenyl-d14	1.093	1.084	0.8	86	0.00
80	Butylbenzylphthalate	0.589	0.592	-0.5	85	0.00
81	Benzo(a)anthracene	1.319	1.322	-0.2	87	-0.02
82	3,3'-Dichlorobenzidine	0.497	0.490	1.4	84	-0.01
83	Chrysene	1.235	1.263	-2.3	89	-0.02
84	Bis(2-ethylhexyl)phthalate	0.867	0.880	-1.5	88	-0.02
85 c	Di-n-octyl phthalate	1.492	1.489	0.2	86	-0.03
86 I	Perylene-d12	1.000	1.000	0.0	83	-0.03
87	Indeno(1,2,3-cd)pyrene	1.467	1.451	1.1	85	-0.05
88	Benzo(b)fluoranthene	1.179	1.212	-2.8	89	-0.03
89	Benzo(k)fluoranthene	1.180	1.195	-1.3	88	-0.02
90 C	Benzo(a)pyrene	1.148	1.152	-0.3	86	-0.01
91	Dibenzo(a,h)anthracene	1.199	1.196	0.3	86	-0.05
92	Benzo(g,h,i)perylene	1.178	1.171	0.6	85	-0.06

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025455.D
Acq On : 18 Aug 2025 10:39
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 18 12:42:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 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\BP081825\
 Data File : BP025455.D
 Acq On : 18 Aug 2025 10:39
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: Aug 18 12:42:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 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	82	-0.02
2	1,4-Dioxane	40.000	40.159	-0.4	87	-0.01
3	Pyridine	40.000	39.995	0.0	87	-0.01
4	n-Nitrosodimethylamine	40.000	41.651	-4.1	89	-0.01
5 S	2-Fluorophenol	80.000	82.005	-2.5	87	-0.01
6	Aniline	40.000	40.321	-0.8	85	-0.01
7 S	Phenol-d6	80.000	82.368	-3.0	86	-0.01
8	2-Chlorophenol	40.000	40.642	-1.6	86	-0.01
9	Benzaldehyde	40.000	48.195	-20.5	78	-0.01
10 C	Phenol	40.000	40.877	-2.2	86	-0.02
11	bis(2-Chloroethyl)ether	40.000	40.731	-1.8	86	-0.01
12	1,3-Dichlorobenzene	40.000	39.784	0.5	85	-0.01
13 C	1,4-Dichlorobenzene	40.000	39.761	0.6	85	-0.02
14	1,2-Dichlorobenzene	40.000	40.357	-0.9	86	-0.02
15	Benzyl Alcohol	40.000	40.185	-0.5	85	-0.02
16	2,2'-oxybis(1-Chloropropane	40.000	41.734	-4.3	89	-0.02
17	2-Methylphenol	40.000	40.981	-2.5	85	-0.01
18	Hexachloroethane	40.000	40.939	-2.3	87	-0.01
19 P	n-Nitroso-di-n-propylamine	40.000	40.685	-1.7	86	-0.01
20	3+4-Methylphenols	40.000	40.425	-1.1	85	-0.01
21 I	Naphthalene-d8	20.000	20.000	0.0	83	-0.01
22	Acetophenone	40.000	39.923	0.2	86	-0.01
23 S	Nitrobenzene-d5	80.000	80.567	-0.7	86	-0.01
24	Nitrobenzene	40.000	40.447	-1.1	86	-0.01
25	Isophorone	40.000	39.163	2.1	84	-0.02
26 C	2-Nitrophenol	40.000	40.406	-1.0	84	0.00
27	2,4-Dimethylphenol	40.000	39.471	1.3	83	-0.02
28	bis(2-Chloroethoxy)methane	40.000	40.173	-0.4	87	-0.01
29 C	2,4-Dichlorophenol	40.000	40.902	-2.3	86	-0.02
30	1,2,4-Trichlorobenzene	40.000	39.301	1.7	85	-0.01
31	Naphthalene	40.000	39.499	1.3	85	-0.01
32	Benzoic acid	40.000	47.454	-18.6	100	-0.02
33	4-Chloroaniline	40.000	39.898	0.3	84	-0.01
34 C	Hexachlorobutadiene	40.000	39.190	2.0	84	-0.02
35	Caprolactam	40.000	39.821	0.4	86	0.00
36 C	4-Chloro-3-methylphenol	40.000	40.814	-2.0	87	0.00
37	2-Methylnaphthalene	40.000	39.503	1.2	85	0.00
38	1-Methylnaphthalene	40.000	39.288	1.8	86	-0.01
39 I	Acenaphthene-d10	20.000	20.000	0.0	82	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	39.424	1.4	83	-0.01
41 P	Hexachlorocyclopentadiene	40.000	54.895	-37.2#	112	-0.01
42 S	2,4,6-Tribromophenol	80.000	80.248	-0.3	84	-0.01
43 C	2,4,6-Trichlorophenol	40.000	41.762	-4.4	87	0.00
44	2,4,5-Trichlorophenol	40.000	41.507	-3.8	85	0.00
45 S	2-Fluorobiphenyl	80.000	78.546	1.8	84	0.00
46	1,1'-Biphenyl	40.000	40.137	-0.3	84	0.00
47	2-Chloronaphthalene	40.000	39.638	0.9	83	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
 Data File : BP025455.D
 Acq On : 18 Aug 2025 10:39
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: Aug 18 12:42:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 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	42.761	-6.9	87	-0.02
49	Acenaphthylene	40.000	39.870	0.3	84	-0.01
50	Dimethylphthalate	40.000	39.777	0.6	85	-0.01
51	2,6-Dinitrotoluene	40.000	41.304	-3.3	84	0.00
52 C	Acenaphthene	40.000	39.632	0.9	85	0.00
53	3-Nitroaniline	40.000	41.176	-2.9	85	0.00
54 P	2,4-Dinitrophenol	40.000	40.428	-1.1	83	0.00
55	Dibenzofuran	40.000	39.550	1.1	84	0.00
56 P	4-Nitrophenol	40.000	40.596	-1.5	85	0.00
57	2,4-Dinitrotoluene	40.000	40.870	-2.2	84	0.00
58	Fluorene	40.000	39.335	1.7	84	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	41.840	-4.6	88	0.00
60	Diethylphthalate	40.000	40.313	-0.8	85	0.00
61	4-Chlorophenyl-phenylether	40.000	38.912	2.7	83	0.00
62	4-Nitroaniline	40.000	40.974	-2.4	85	0.00
63	Azobenzene	40.000	41.644	-4.1	88	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	80	-0.01
65	4,6-Dinitro-2-methylphenol	40.000	37.107	7.2	75	-0.01
66 c	n-Nitrosodiphenylamine	40.000	40.848	-2.1	84	0.00
67	4-Bromophenyl-phenylether	40.000	40.681	-1.7	84	0.00
68	Hexachlorobenzene	40.000	39.631	0.9	84	0.00
69	Atrazine	40.000	40.719	-1.8	85	-0.01
70 C	Pentachlorophenol	40.000	38.345	4.1	78	0.00
71	Phenanthrene	40.000	40.940	-2.3	87	0.00
72	Anthracene	40.000	40.573	-1.4	84	0.00
73	Carbazole	40.000	40.458	-1.1	85	0.00
74	Di-n-butylphthalate	40.000	41.042	-2.6	86	0.00
75 C	Fluoranthene	40.000	40.441	-1.1	86	-0.01
76 I	Chrysene-d12	20.000	20.000	0.0	83	-0.02
77	Benzydine	40.000	43.129	-7.8	63	0.00
78	Pyrene	40.000	40.302	-0.8	86	-0.01
79 S	Terphenyl-d14	80.000	79.354	0.8	86	0.00
80	Butylbenzylphthalate	40.000	40.189	-0.5	85	0.00
81	Benzo(a)anthracene	40.000	40.099	-0.2	87	-0.02
82	3,3'-Dichlorobenzidine	40.000	39.416	1.5	84	-0.01
83	Chrysene	40.000	40.914	-2.3	89	-0.02
84	Bis(2-ethylhexyl)phthalate	40.000	40.573	-1.4	88	-0.02
85 c	Di-n-octyl phthalate	40.000	39.933	0.2	86	-0.03
86 I	Perylene-d12	20.000	20.000	0.0	83	-0.03
87	Indeno(1,2,3-cd)pyrene	40.000	39.562	1.1	85	-0.05
88	Benzo(b)fluoranthene	40.000	41.116	-2.8	89	-0.03
89	Benzo(k)fluoranthene	40.000	40.510	-1.3	88	-0.02
90 C	Benzo(a)pyrene	40.000	40.136	-0.3	86	-0.01
91	Dibenzo(a,h)anthracene	40.000	39.905	0.2	86	-0.05
92	Benzo(g,h,i)perylene	40.000	39.764	0.6	85	-0.06

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025455.D
Acq On : 18 Aug 2025 10:39
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 18 12:42:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 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



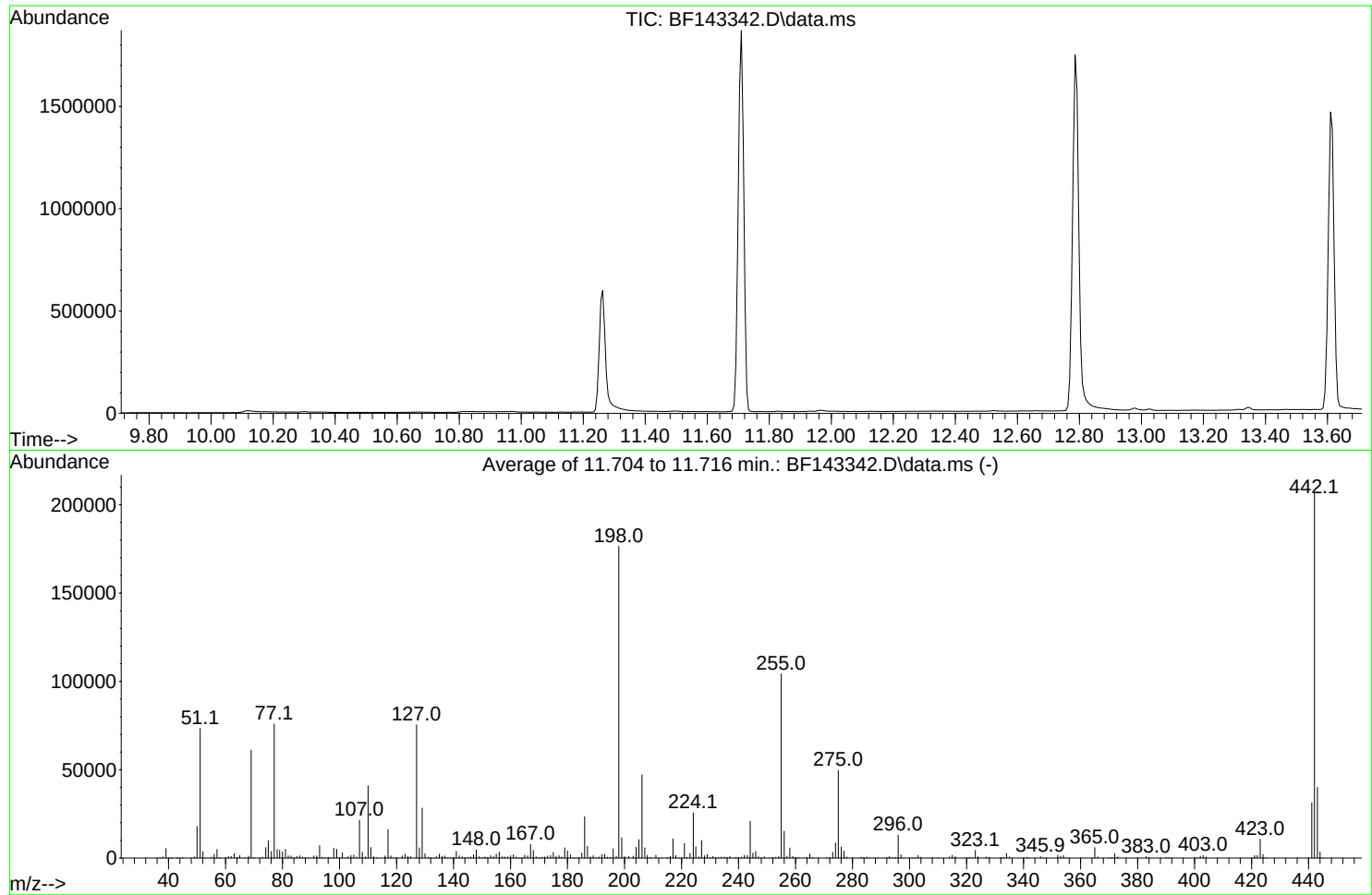
QC SAMPLE DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143342.D
Acq On : 12 Aug 2025 08:34
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-BF081225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Aug 12 13:25:39 2025



AutoFind: Scans 1617, 1618, 1619; Background Corrected with Scan 1610

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
68	69	0.00	2	1.8	1075	PASS
69	69	100	100	100.0	61205	PASS
70	69	0.00	2	0.5	326	PASS
197	198	0.00	2	0.6	1092	PASS
198	198	100	100	100.0	176469	PASS
199	198	5	9	6.5	11438	PASS
365	198	1	100	3.4	5927	PASS
441	443	0.01	150	77.9	31269	PASS
442	442	100	100	100.0	206464	PASS
443	442	15	24	19.4	40120	PASS

DDT Breakdown

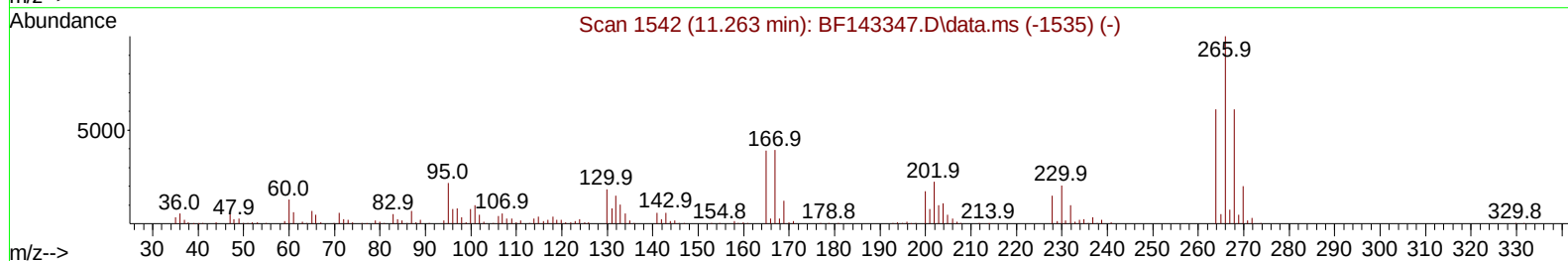
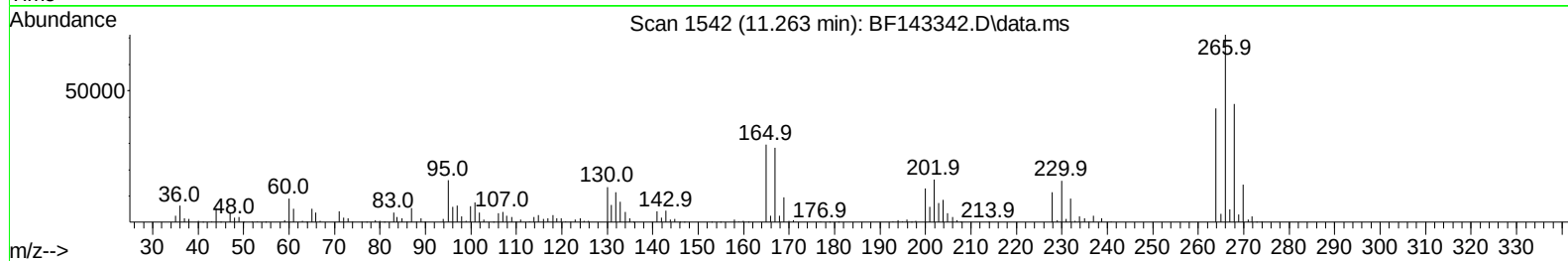
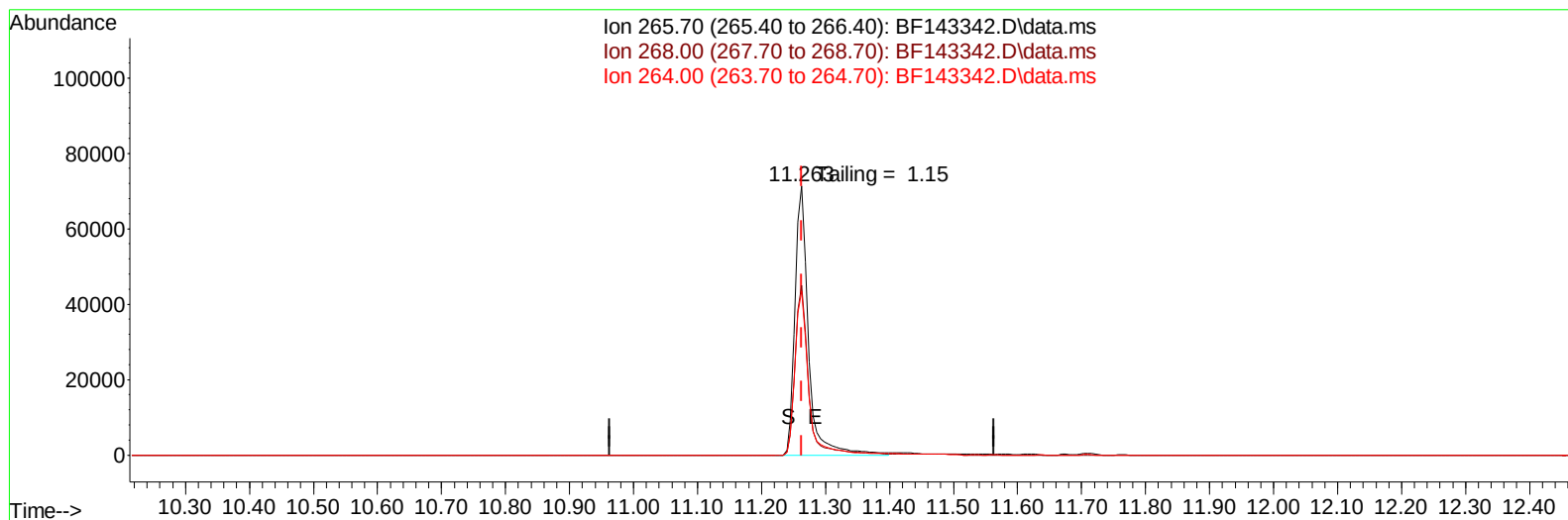
Date	Instrument Name	DFTPP Data File
8/12/2025	BNA_F	<u>BF143342.D</u>
Compound Name	Response	Retention Time
DDT	266385	13.61
DDD	3780	13.345
DDE	3356	12.98
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
7136	273521	2.61

Instrument :
BNA_F
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143342.D
Acq On : 12 Aug 2025 08:34
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Aug 12 13:28:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 2025
Response via : Initial Calibration



TIC: BF143342.D\data.ms

(70) Pentachlorophenol (C)

11.263min (-0.000) 127995.01 ng

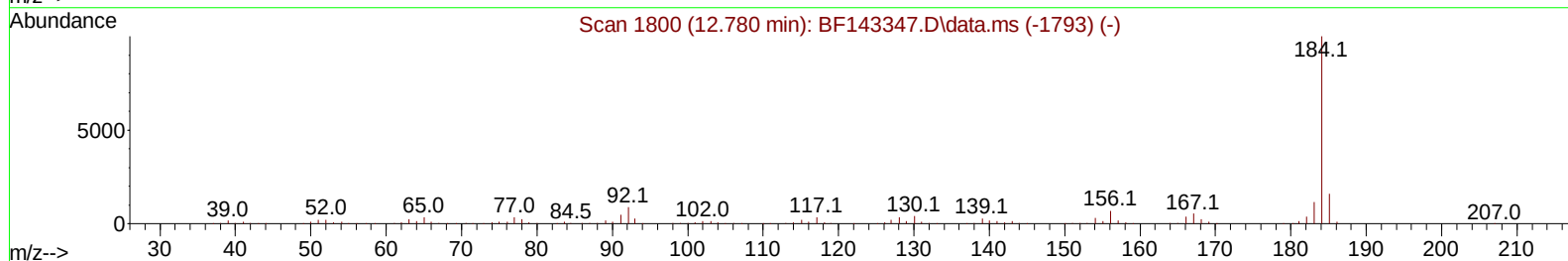
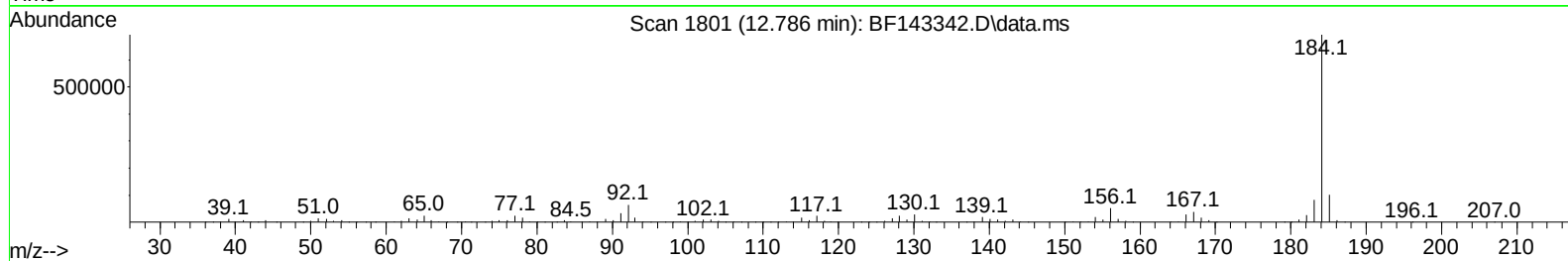
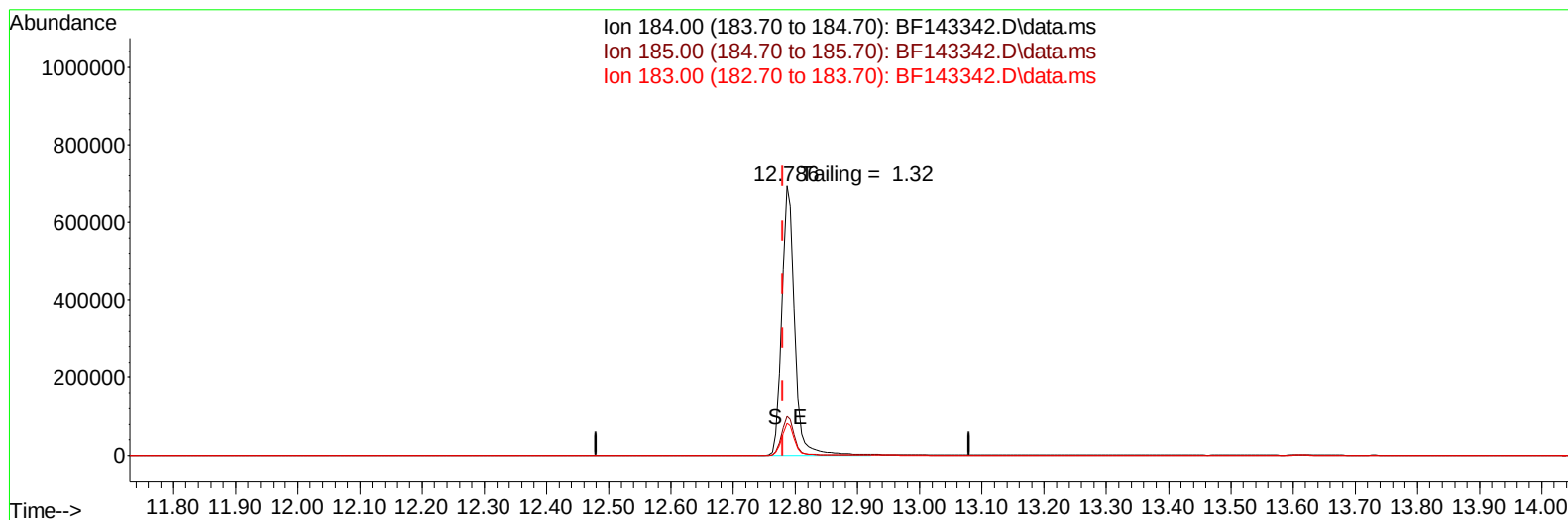
response 106759

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	61.00	63.14
264.00	61.00	60.85
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143342.D
Acq On : 12 Aug 2025 08:34
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Aug 12 13:28:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 2025
Response via : Initial Calibration



TIC: BF143342.D\data.ms

(77) Benzidine

12.786min (+ 0.006) 0.00 ng

response 1006924

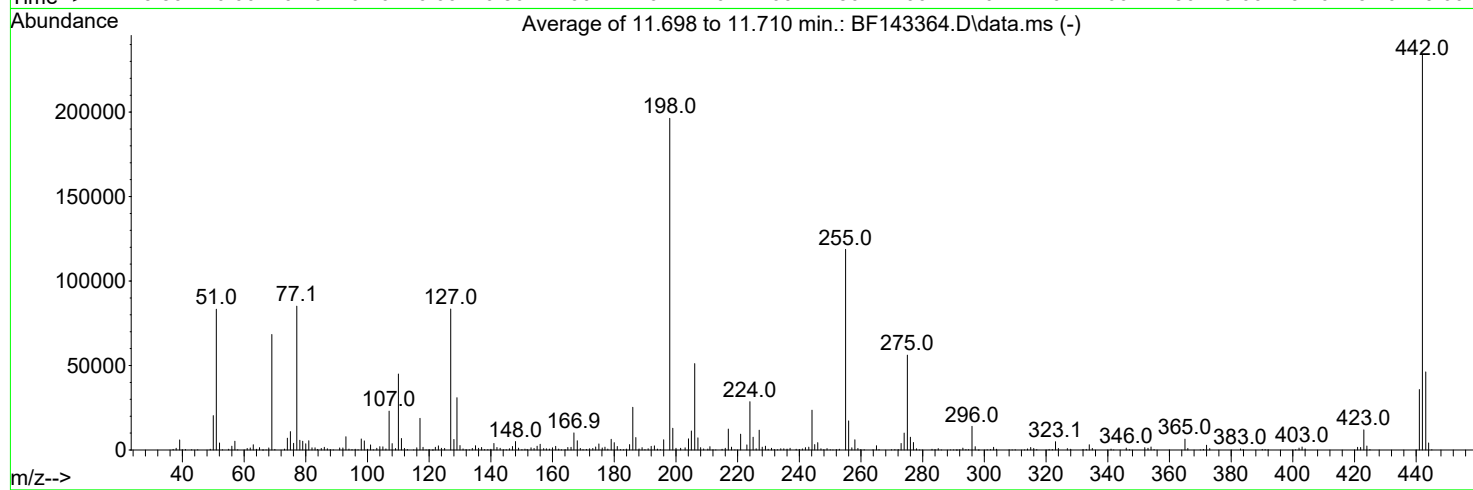
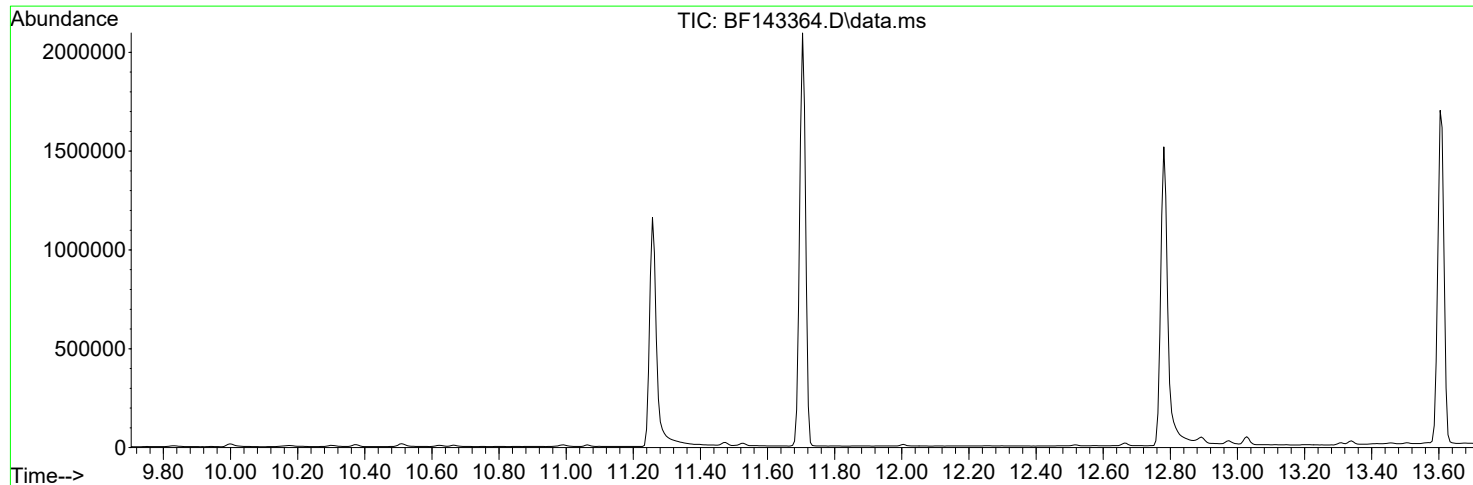
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	16.00	14.63
183.00	11.60	11.87
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
Data File : BF143364.D
Acq On : 13 Aug 2025 08:59
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-BF081225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Aug 12 13:25:39 2025



AutoFind: Scans 1616, 1617, 1618; Background Corrected with Scan 1610

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.9	1286	PASS
69	69	100	100	100.0	68336	PASS
70	69	0.00	2	0.6	395	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	196331	PASS
199	198	5	9	6.6	12910	PASS
365	198	1	100	3.3	6489	PASS
441	443	0.01	150	77.5	35787	PASS
442	442	100	100	100.0	233685	PASS
443	442	15	24	19.8	46192	PASS

DDT Breakdown

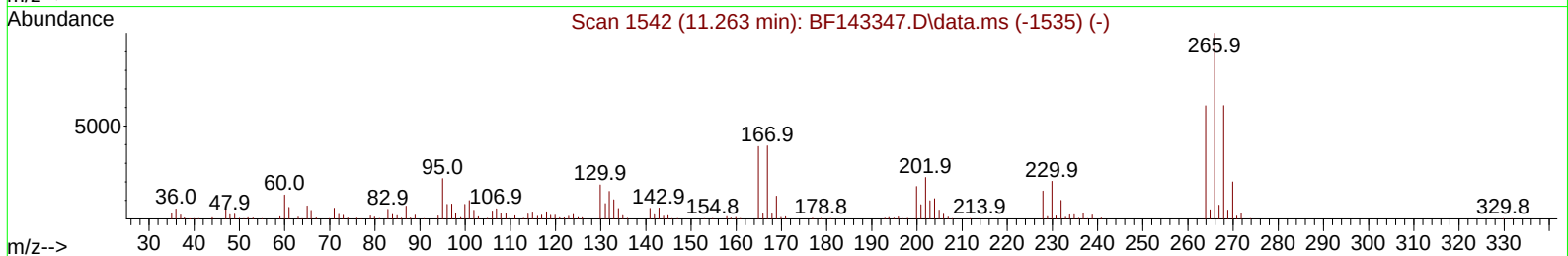
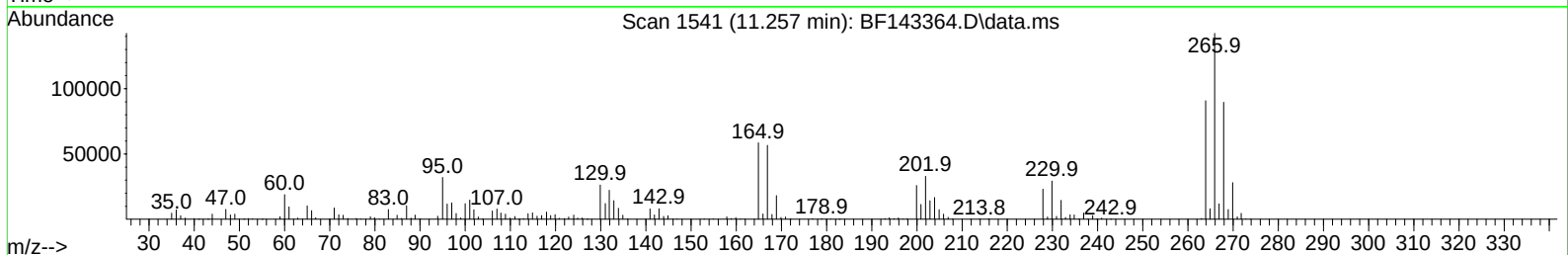
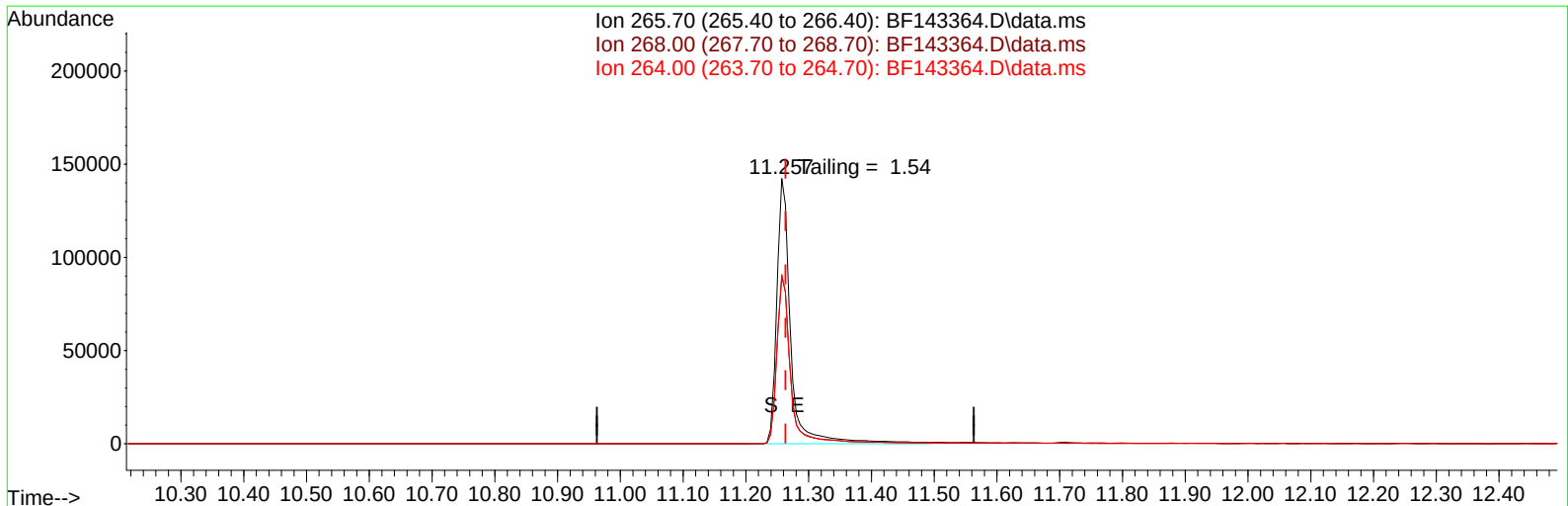
Date	Instrument Name	DFTPP Data File
8/13/2025	BNA_F	<u>BF143364.D</u>
Compound Name	Response	Retention Time
DDT	428873	13.604
DDD	10022	13.339
DDE	6725	12.975
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
16747	445620	3.76

Instrument :
BNA_F
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
Data File : BF143364.D
Acq On : 13 Aug 2025 08:59
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Aug 13 11:48:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 2025
Response via : Initial Calibration



TIC: BF143364.D\data.ms

(70) Pentachlorophenol (C)

11.257min (-0.006) 27752.57 ng

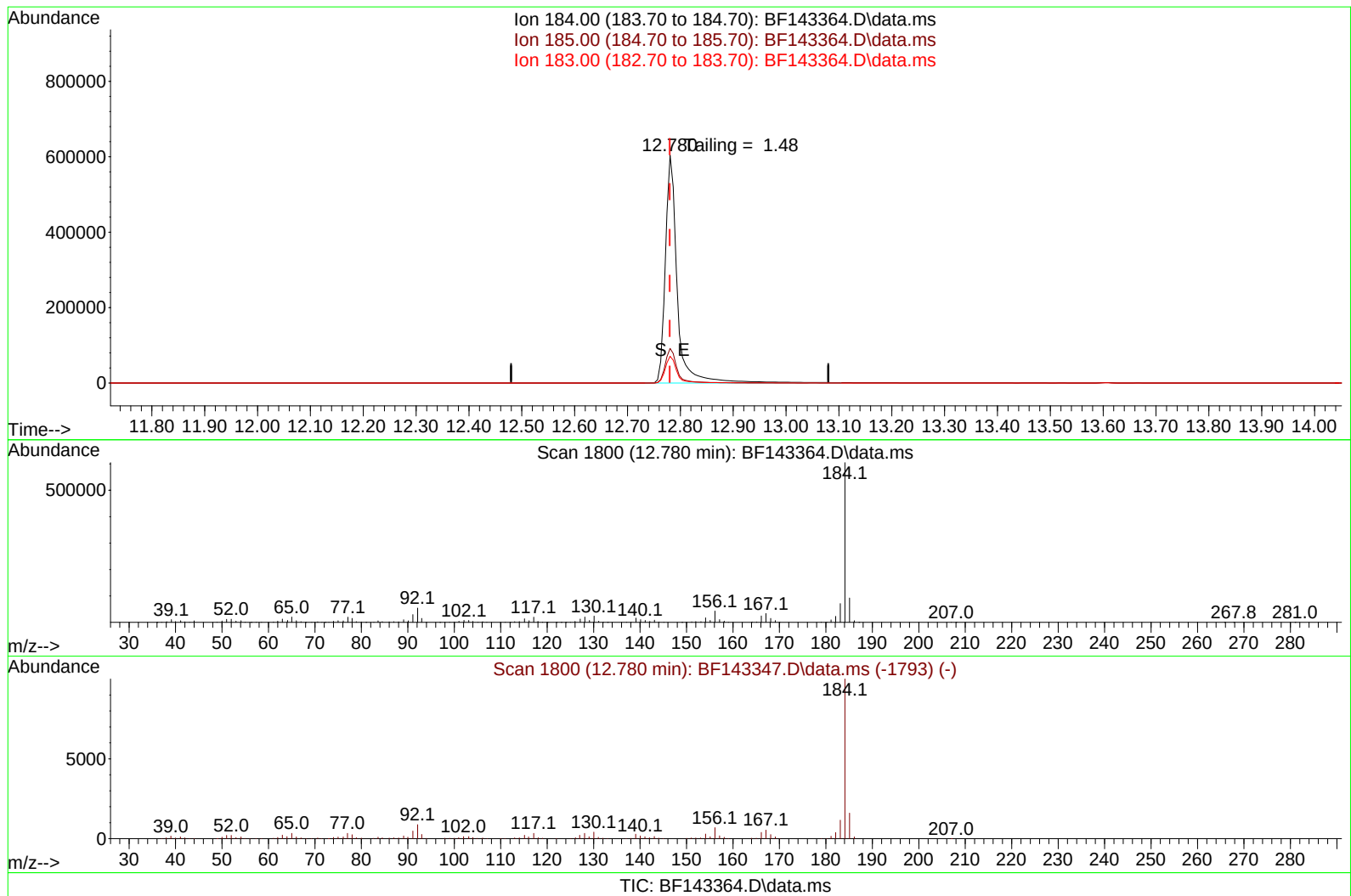
response 221678

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	61.00	62.96
264.00	61.00	63.80
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
Data File : BF143364.D
Acq On : 13 Aug 2025 08:59
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Aug 13 11:48:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 2025
Response via : Initial Calibration

**(77) Benzidine****12.780min (+ 0.000) 0.00 ng****response 949077**

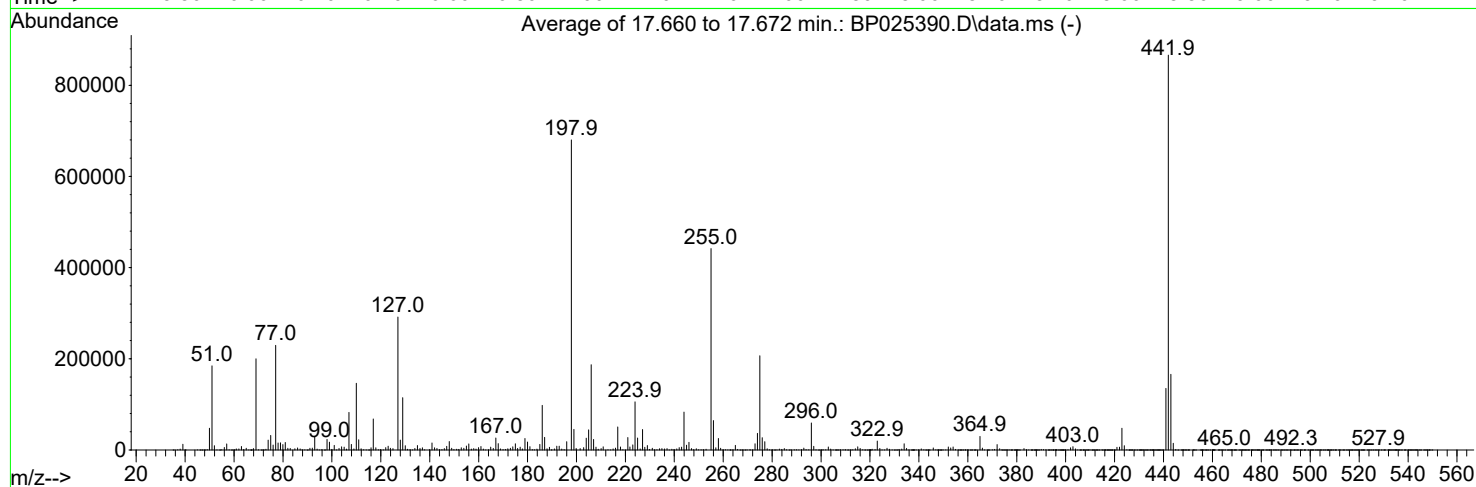
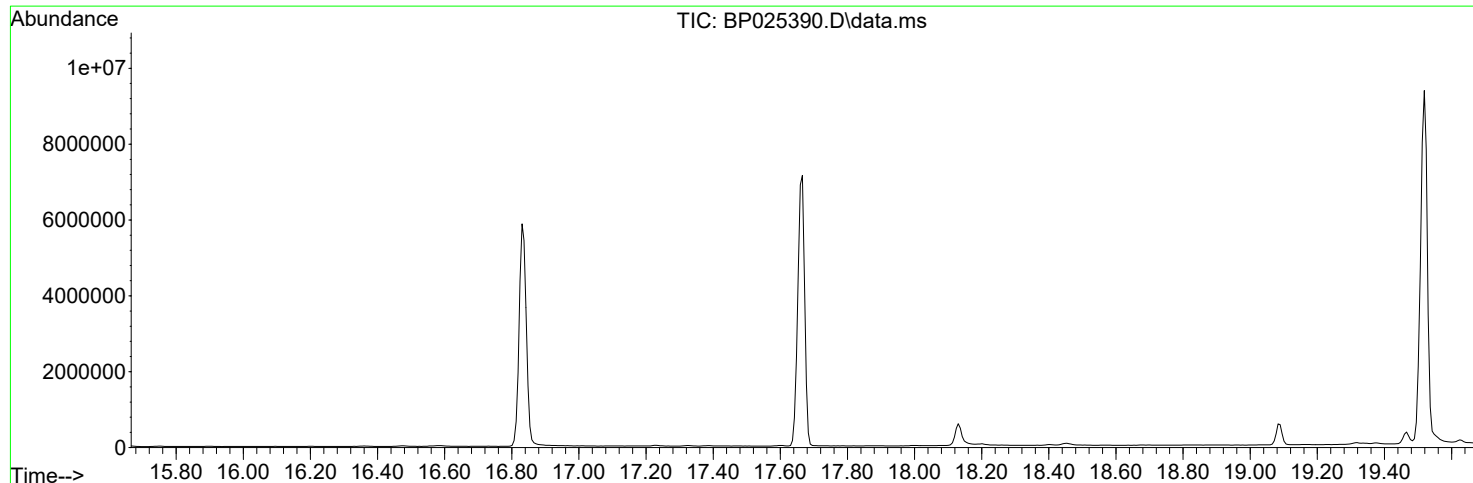
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	16.00	15.22
183.00	11.60	11.79
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025390.D
Acq On : 14 Aug 2025 10:30
Operator : CG/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-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Aug 14 18:14:31 2025



AutoFind: Scans 2503, 2504, 2505; Background Corrected with Scan 2494

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
68	69	0.00	2	1.6	3290	PASS
69	69	100	100	100.0	199967	PASS
70	69	0.00	2	0.4	716	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	680138	PASS
199	198	5	9	6.7	45247	PASS
365	198	1	100	4.4	29981	PASS
441	443	0.01	150	81.3	135091	PASS
442	442	100	100	100.0	866023	PASS
443	442	15	24	19.2	166133	PASS

DDT Breakdown

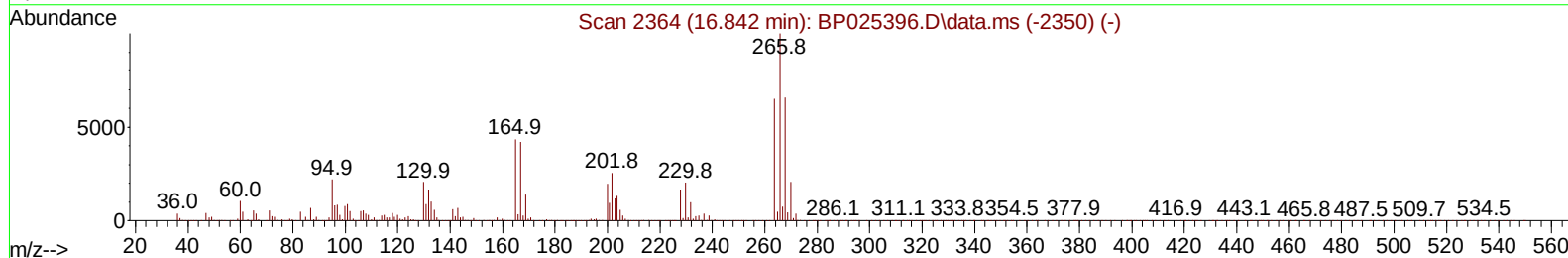
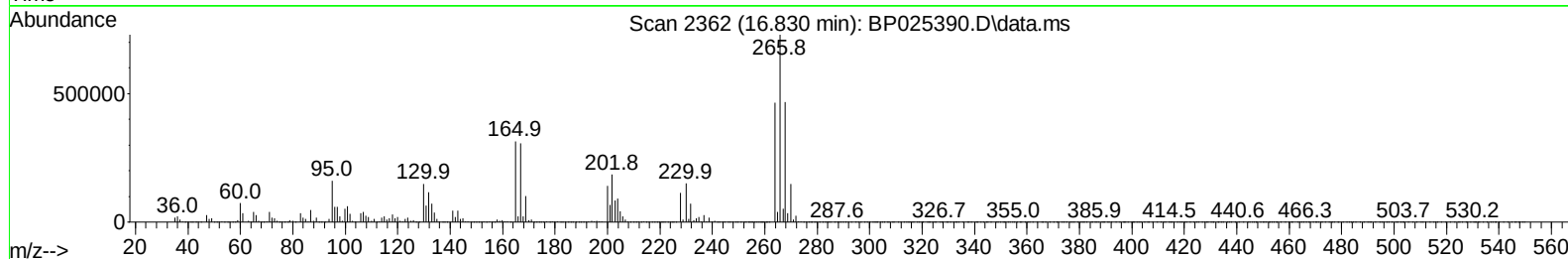
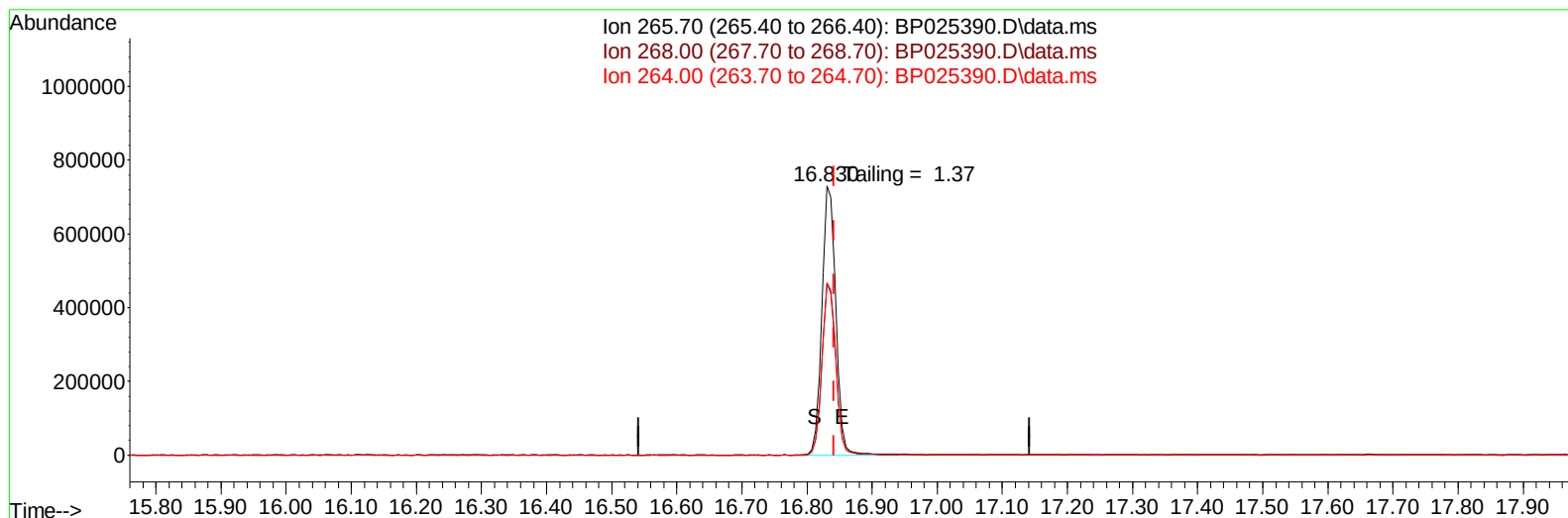
Date	Instrument Name	DFTPP Data File
8/14/2025	BNA_P	<u>BP025390.D</u>
Compound Name	Response	Retention Time
DDT	2976098	20.818
DDD	52170	20.407
DDE	9165	19.824
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
61335	3037433	2.02

Instrument :
BNA_P
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025390.D
Acq On : 14 Aug 2025 10:30
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Aug 14 18:17:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration



TIC: BP025390.D\data.ms

(70) Pentachlorophenol (C)

16.830min (-0.012) 61985.64 ng

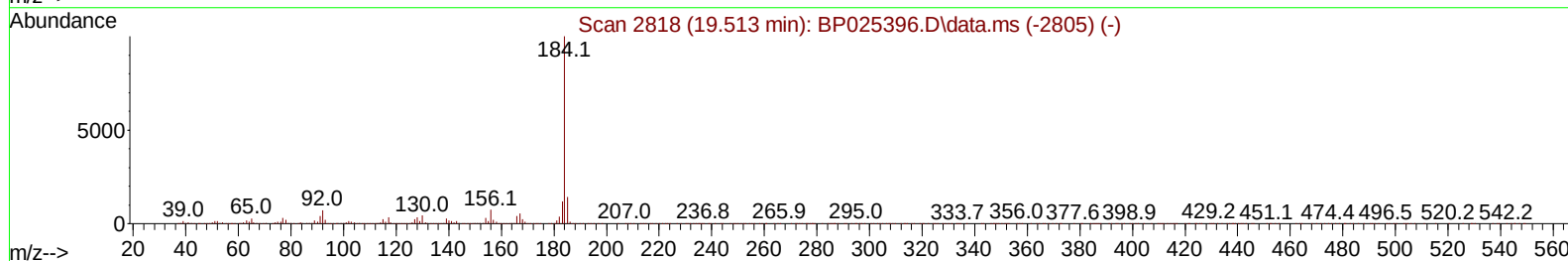
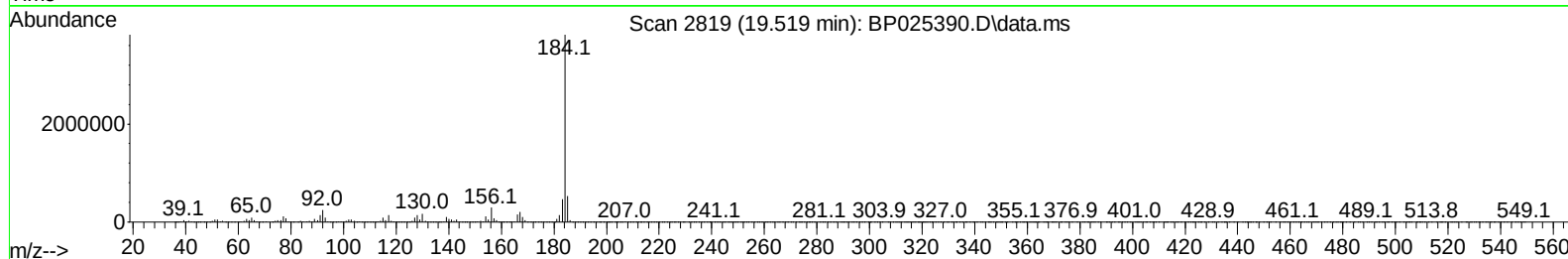
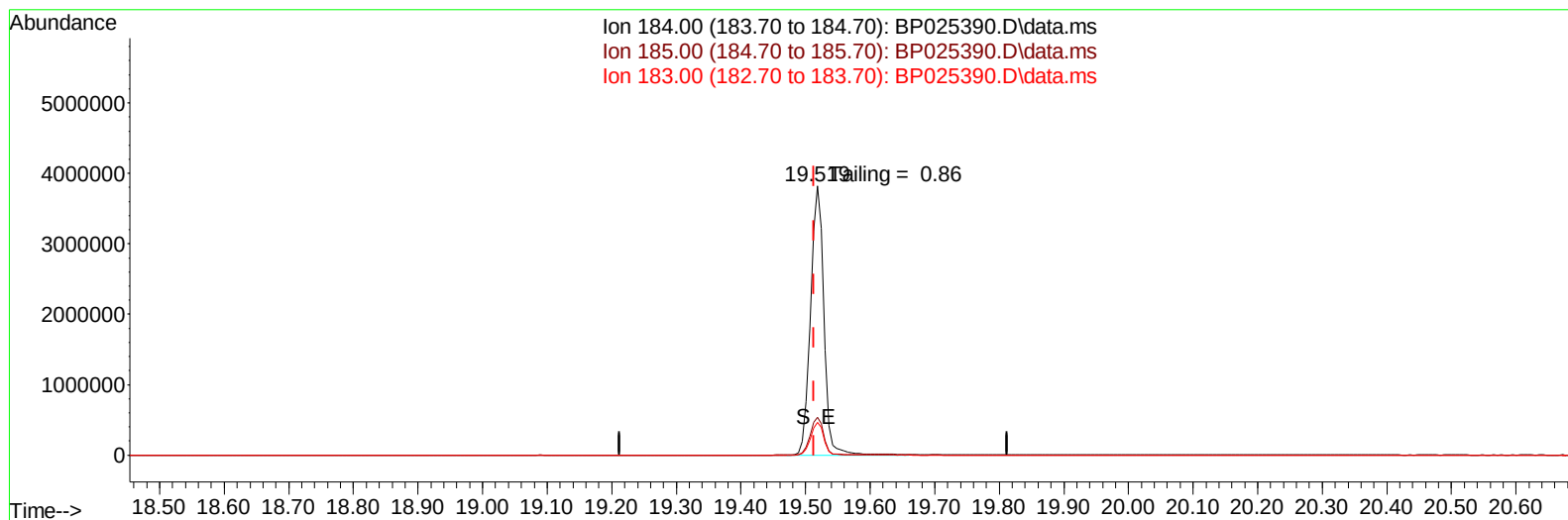
response 1096483

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	65.80	64.04
264.00	65.00	63.79
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025390.D
Acq On : 14 Aug 2025 10:30
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Aug 14 18:17:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration



TIC: BP025390.D\data.ms

(77) Benzidine

19.519min (+ 0.006) 64482.34 ng

response 5499416

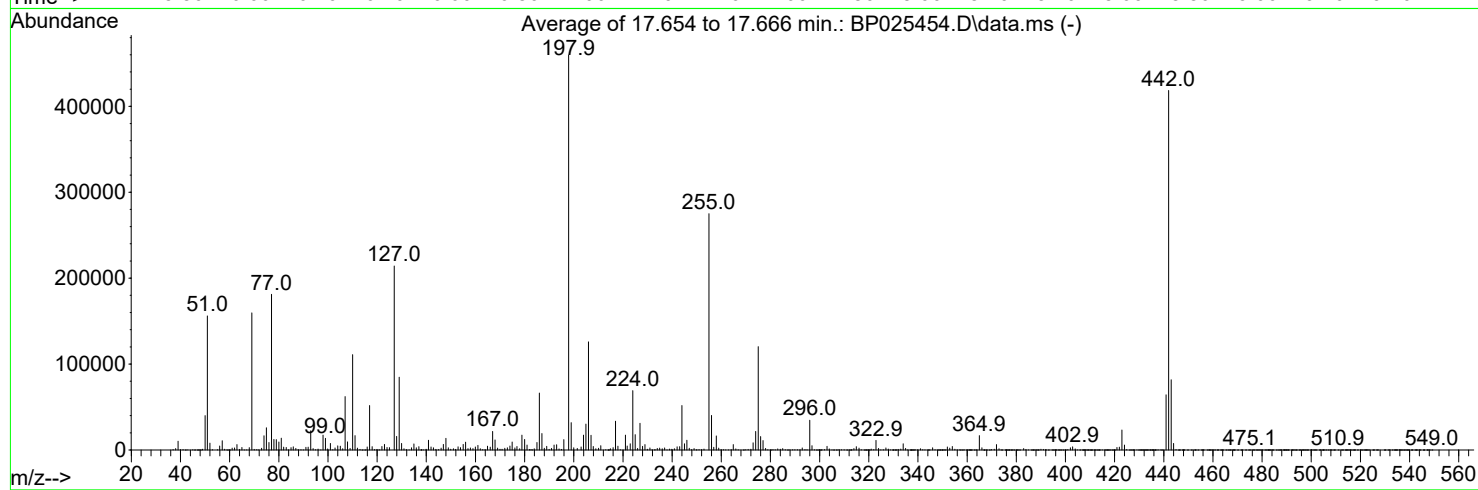
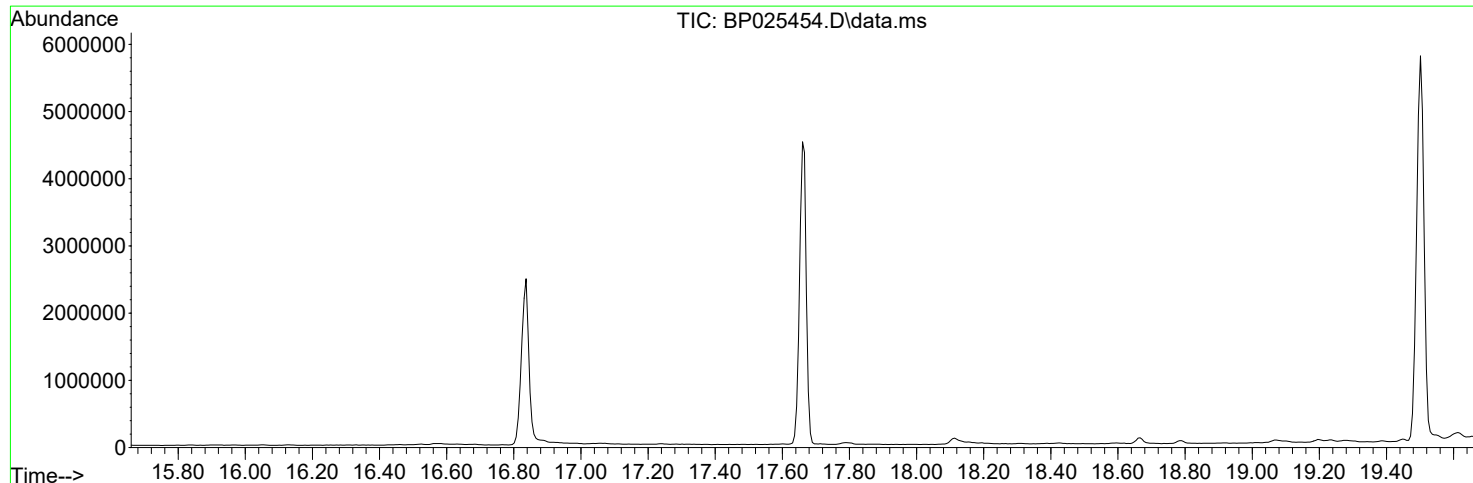
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	14.03
183.00	11.80	12.10
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025454.D
Acq On : 18 Aug 2025 08:34
Operator : CG/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-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Aug 14 18:14:31 2025



AutoFind: Scans 2502, 2503, 2504; Background Corrected with Scan 2495

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
68	69	0.00	2	1.8	2890	PASS
69	69	100	100	100.0	159655	PASS
70	69	0.00	2	0.4	697	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	459535	PASS
199	198	5	9	6.9	31889	PASS
365	198	1	100	3.6	16720	PASS
441	443	0.01	150	78.6	64292	PASS
442	442	100	100	100.0	418539	PASS
443	442	15	24	19.5	81824	PASS

DDT Breakdown

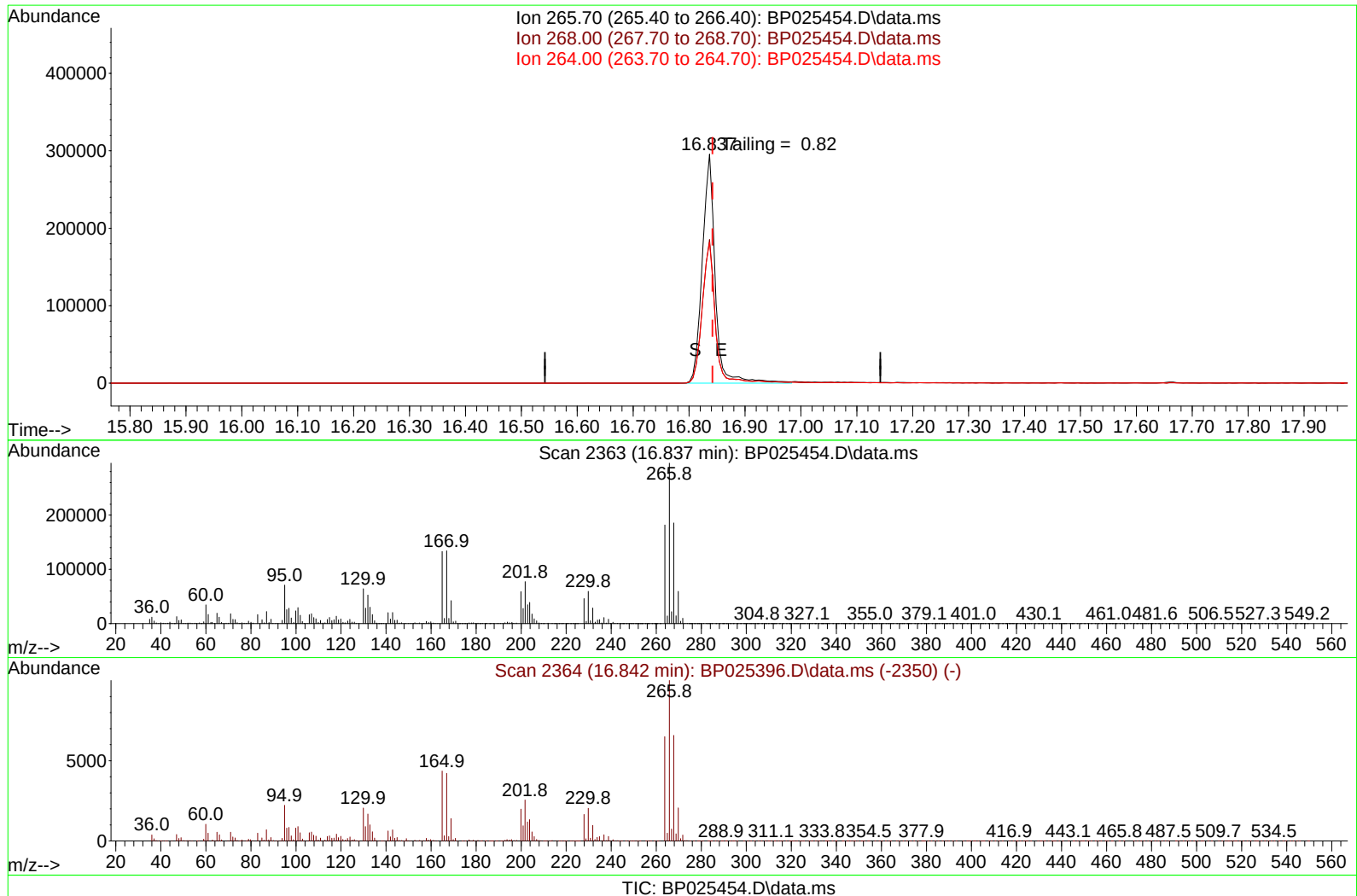
Date	Instrument Name	DFTPP Data File
8/18/2025	BNA_P	<u>BP025454.D</u>
Compound Name	Response	Retention Time
DDT	1608093	20.795
DDD	147444	20.342
DDE	16114	19.807
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
163558	1771651	9.23

Instrument :
BNA_P
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025454.D
Acq On : 18 Aug 2025 08:34
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Aug 18 12:36:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

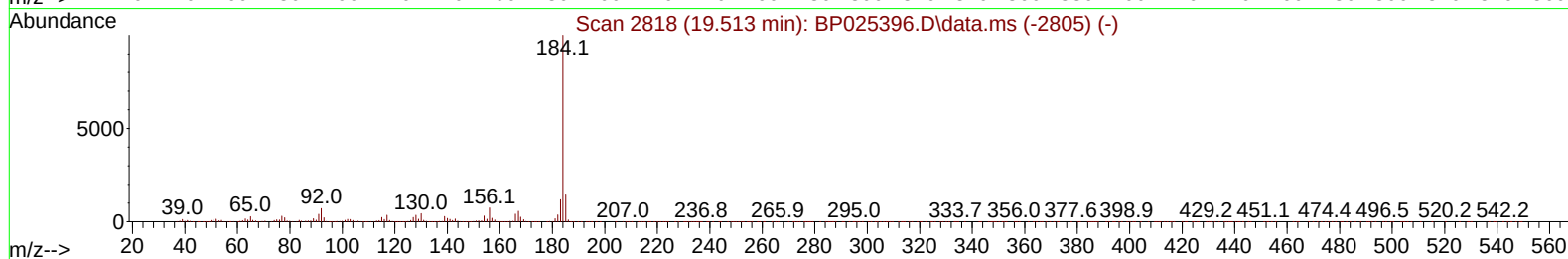
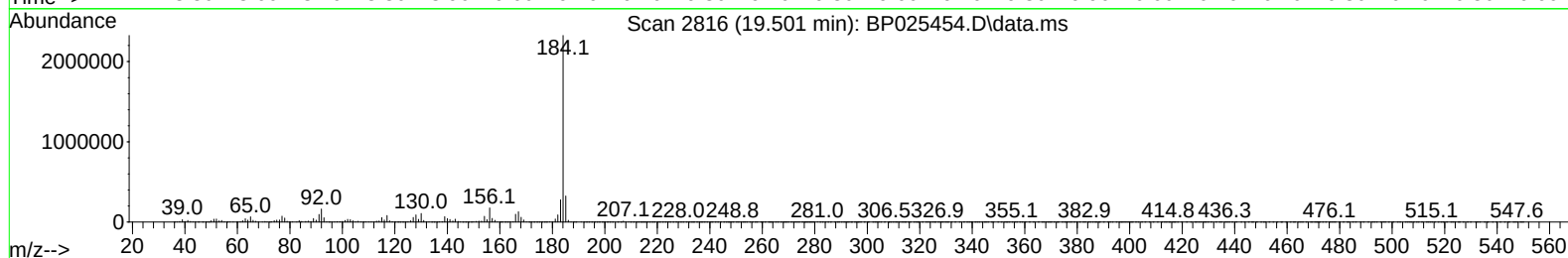
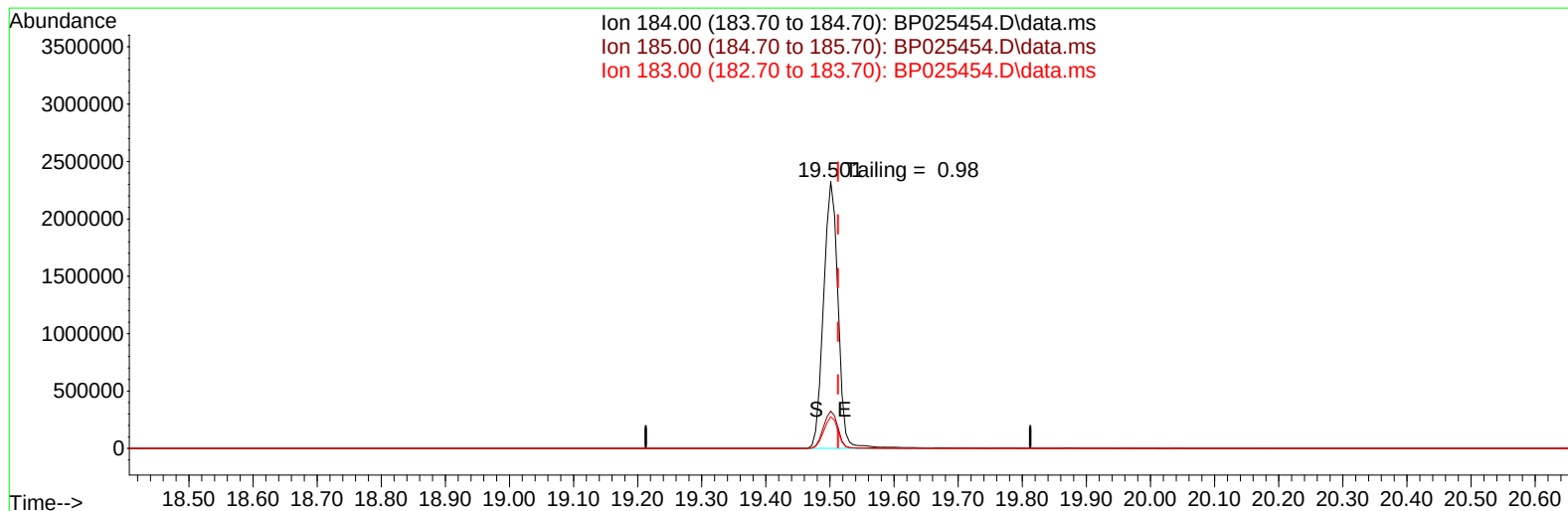
**(70) Pentachlorophenol (C)****16.837min (-0.006) 1000078.55 ng****response 474864**

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	65.80	62.75
264.00	65.00	61.47
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025454.D
Acq On : 18 Aug 2025 08:34
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Aug 18 12:36:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration



TIC: BP025454.D\data.ms

(77) Benzidine

19.501min (-0.012) 945.06 ng

response 3654054

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	13.95
183.00	11.80	11.91
0.00	0.00	0.00

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave B	Date Received:	
Client Sample ID:	PB169210BL	SDG No.:	Q2826
Lab Sample ID:	PB169210BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143366.D	1	08/12/25 09:15	08/13/25 10:30	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	160	U	160	330	ug/Kg
108-95-2	Phenol	22.1	U	22.1	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	24.3	U	24.3	170	ug/Kg
95-57-8	2-Chlorophenol	24.4	U	24.4	170	ug/Kg
95-48-7	2-Methylphenol	29.9	U	29.9	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	37.5	U	37.5	170	ug/Kg
98-86-2	Acetophenone	29.5	U	29.5	170	ug/Kg
65794-96-9	3+4-Methylphenols	41.1	U	41.1	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	47.4	U	47.4	79.9	ug/Kg
67-72-1	Hexachloroethane	17.6	U	17.6	170	ug/Kg
98-95-3	Nitrobenzene	18.3	U	18.3	170	ug/Kg
78-59-1	Isophorone	32.8	U	32.8	170	ug/Kg
88-75-5	2-Nitrophenol	58.1	U	58.1	170	ug/Kg
105-67-9	2,4-Dimethylphenol	64.7	U	64.7	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	30.8	U	30.8	170	ug/Kg
120-83-2	2,4-Dichlorophenol	28.3	U	28.3	170	ug/Kg
91-20-3	Naphthalene	22.7	U	22.7	170	ug/Kg
106-47-8	4-Chloroaniline	35.4	U	35.4	170	ug/Kg
87-68-3	Hexachlorobutadiene	25.3	U	25.3	170	ug/Kg
105-60-2	Caprolactam	52.0	U	52.0	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	28.7	U	28.7	170	ug/Kg
91-57-6	2-Methylnaphthalene	25.6	U	25.6	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	19.8	U	19.8	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	29.1	U	29.1	170	ug/Kg
92-52-4	1,1-Biphenyl	21.8	U	21.8	170	ug/Kg
91-58-7	2-Chloronaphthalene	22.5	U	22.5	170	ug/Kg
88-74-4	2-Nitroaniline	48.1	U	48.1	170	ug/Kg
131-11-3	Dimethylphthalate	27.1	U	27.1	170	ug/Kg

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave B	Date Received:	
Client Sample ID:	PB169210BL	SDG No.:	Q2826
Lab Sample ID:	PB169210BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143366.D	1	08/12/25 09:15	08/13/25 10:30	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	28.9	U	28.9	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	33.6	U	33.6	170	ug/Kg
99-09-2	3-Nitroaniline	46.0	U	46.0	170	ug/Kg
83-32-9	Acenaphthene	21.3	U	21.3	170	ug/Kg
51-28-5	2,4-Dinitrophenol	230	U	230	330	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	330	ug/Kg
132-64-9	Dibenzofuran	22.7	U	22.7	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	50.0	U	50.0	170	ug/Kg
84-66-2	Diethylphthalate	28.3	U	28.3	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26.7	U	26.7	170	ug/Kg
86-73-7	Fluorene	25.3	U	25.3	170	ug/Kg
100-01-6	4-Nitroaniline	64.1	U	64.1	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	32.9	U	32.9	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	27.8	U	27.8	170	ug/Kg
118-74-1	Hexachlorobenzene	25.3	U	25.3	170	ug/Kg
1912-24-9	Atrazine	34.0	U	34.0	170	ug/Kg
87-86-5	Pentachlorophenol	51.2	U	51.2	330	ug/Kg
85-01-8	Phenanthrene	20.9	U	20.9	170	ug/Kg
120-12-7	Anthracene	33.3	U	33.3	170	ug/Kg
86-74-8	Carbazole	31.2	U	31.2	170	ug/Kg
84-74-2	Di-n-butylphthalate	47.9	U	47.9	170	ug/Kg
206-44-0	Fluoranthene	30.0	U	30.0	170	ug/Kg
129-00-0	Pyrene	36.0	U	36.0	170	ug/Kg
85-68-7	Butylbenzylphthalate	71.3	U	71.3	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	36.7	U	36.7	330	ug/Kg
56-55-3	Benzo(a)anthracene	23.0	U	23.0	170	ug/Kg
218-01-9	Chrysene	19.9	U	19.9	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	59.1	U	59.1	170	ug/Kg
117-84-0	Di-n-octyl phthalate	86.7	U	86.7	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	19.0	U	19.0	170	ug/Kg

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave B	Date Received:	
Client Sample ID:	PB169210BL	SDG No.:	Q2826
Lab Sample ID:	PB169210BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143366.D	1	08/12/25 09:15	08/13/25 10:30	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	22.4	U	22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	29.5	U	29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	29.1	U	29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	27.4	U	27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	25.7	U	25.7	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	25.6	U	25.6	170	ug/Kg
123-91-1	1,4-Dioxane	45.2	U	45.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	27.4	U	27.4	170	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	123		30 (18) - 130 (112)	82%	SPK: 150
13127-88-3	Phenol-d6	120		30 (15) - 130 (107)	80%	SPK: 150
4165-60-0	Nitrobenzene-d5	97.5		30 (18) - 130 (107)	98%	SPK: 100
321-60-8	2-Fluorobiphenyl	90.2		30 (20) - 130 (109)	90%	SPK: 100
118-79-6	2,4,6-Tribromophenol	166		30 (10) - 130 (116)	110%	SPK: 150
1718-51-0	Terphenyl-d14	101		30 (10) - 130 (105)	101%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	176000	6.928
1146-65-2	Naphthalene-d8	675000	8.21
15067-26-2	Acenaphthene-d10	355000	9.963
1517-22-2	Phenanthrene-d10	605000	11.451
1719-03-5	Chrysene-d12	338000	14.086
1520-96-3	Perylene-d12	291000	15.58

TENTATIVE IDENTIFIED COMPOUNDS

000994-05-8	Butane, 2-methoxy-2-methyl-	86.9	J	2.32	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	340	A	5.18	ug/Kg

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave B	Date Received:	
Client Sample ID:	PB169210BL	SDG No.:	Q2826
Lab Sample ID:	PB169210BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143366.D	1	08/12/25 09:15	08/13/25 10:30	PB169210

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
Data File : BF143366.D
Acq On : 13 Aug 2025 10:30
Operator : RC/JU
Sample : PB169210BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169210BL

Quant Time: Aug 13 11:49:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	176496	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	674917	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	354793	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	604678	20.000	ng	0.00
76) Chrysene-d12	14.086	240	338429	20.000	ng	0.00
86) Perylene-d12	15.580	264	291238	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1258691	123.323	ng	0.01
7) Phenol-d6	6.563	99	1573005	120.182	ng	0.00
23) Nitrobenzene-d5	7.487	82	1057171	97.544	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	429333	165.580	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1887149	90.197	ng	0.00
79) Terphenyl-d14	13.033	244	1911940	100.862	ng	0.00

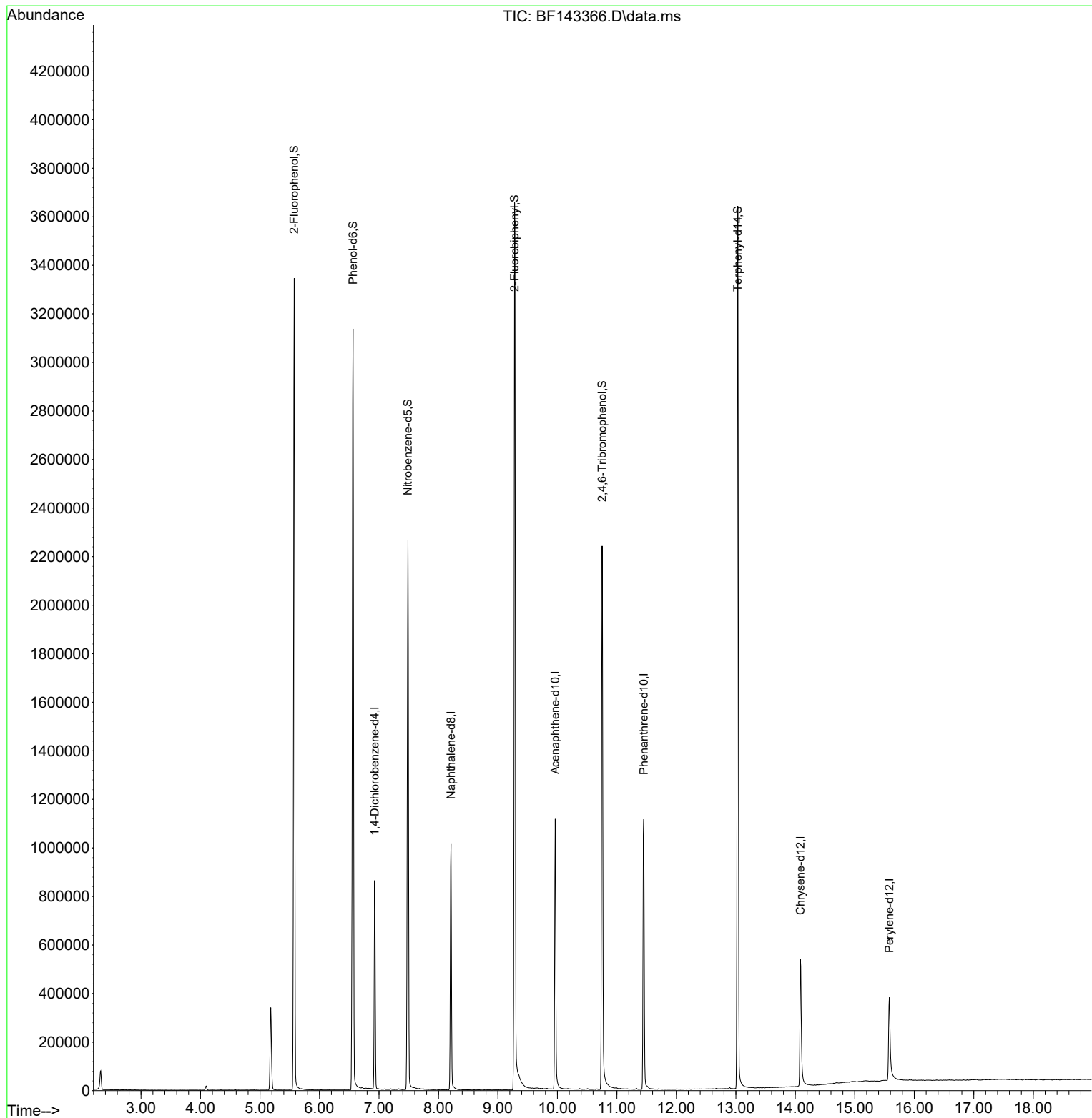
Target Compounds	Qvalue

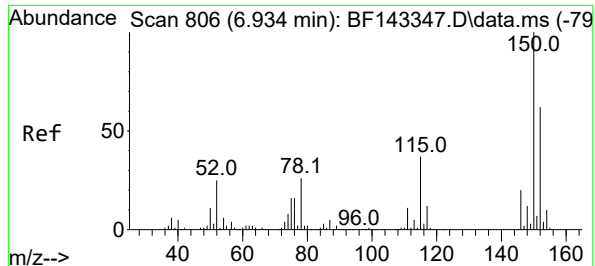
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
Data File : BF143366.D
Acq On : 13 Aug 2025 10:30
Operator : RC/JU
Sample : PB169210BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169210BL

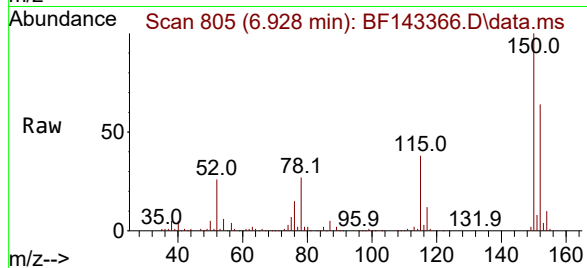
Quant Time: Aug 13 11:49:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 2025
Response via : Initial Calibration



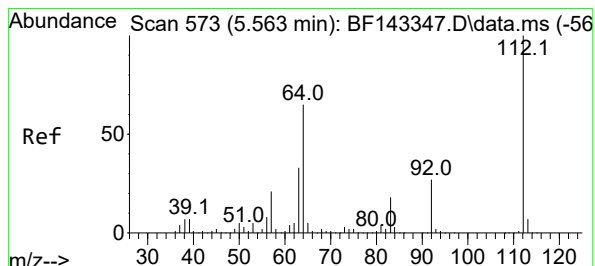
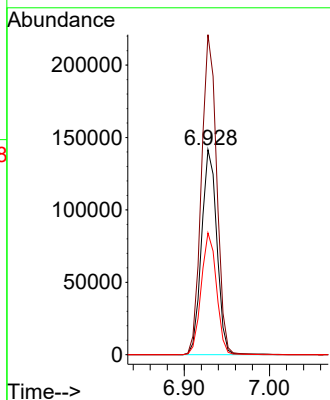
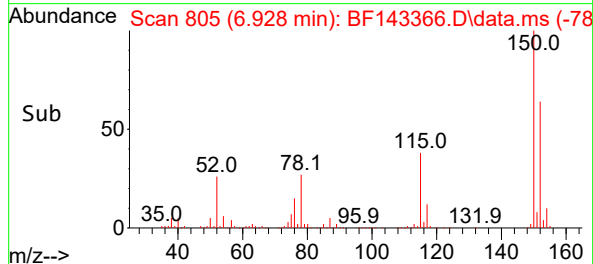


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF143366.D
Acq: 13 Aug 2025 10:30

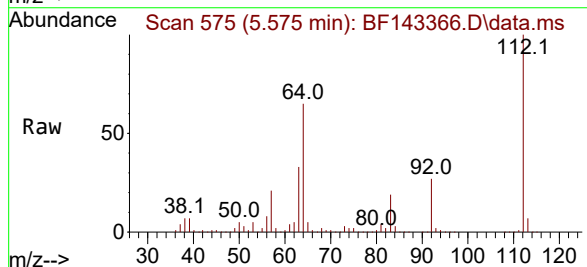
Instrument :
BNA_F
ClientSampleId :
PB169210BL



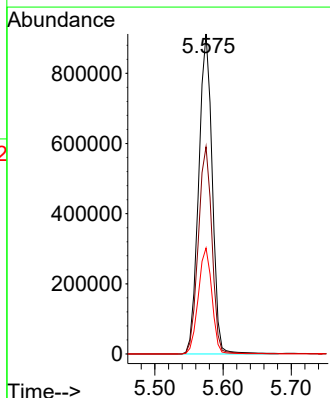
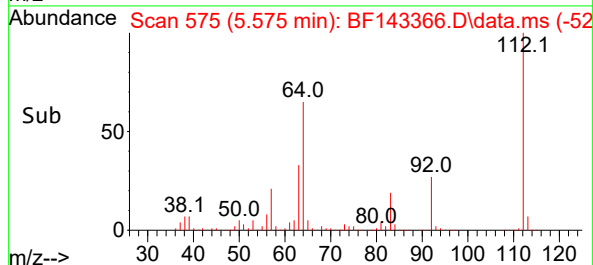
Tgt Ion:152 Resp: 176496
Ion Ratio Lower Upper
152 100
150 156.2 129.8 194.8
115 59.4 47.8 71.8

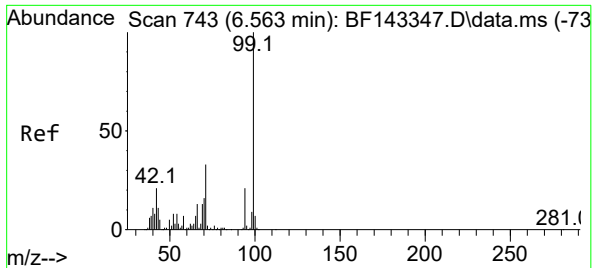


#5
2-Fluorophenol
Concen: 123.323 ng
RT: 5.575 min Scan# 575
Delta R.T. 0.012 min
Lab File: BF143366.D
Acq: 13 Aug 2025 10:30



Tgt Ion:112 Resp: 1258691
Ion Ratio Lower Upper
112 100
64 64.8 52.1 78.1
63 33.1 26.6 39.8

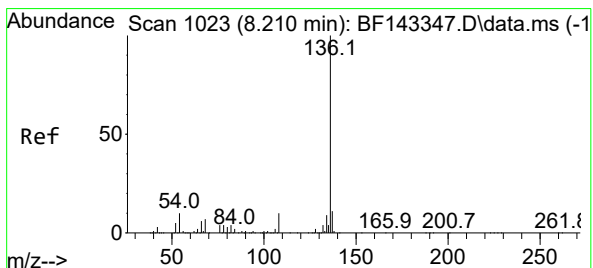
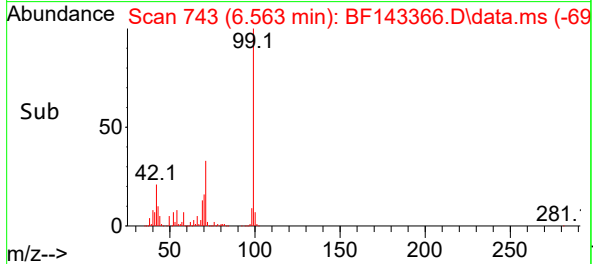
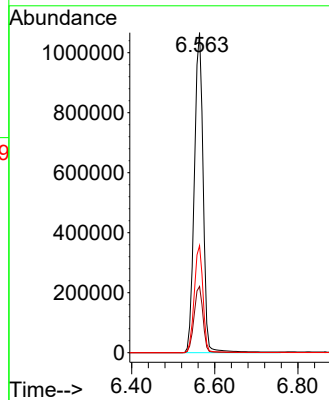
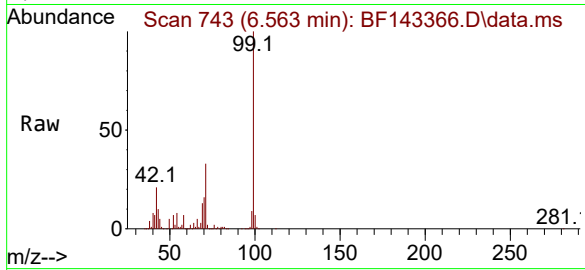




#7
Phenol-d6
Concen: 120.182 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF143366.D
Acq: 13 Aug 2025 10:30

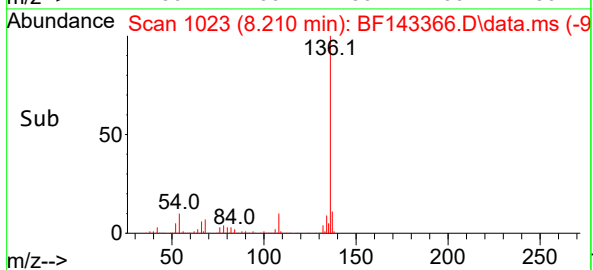
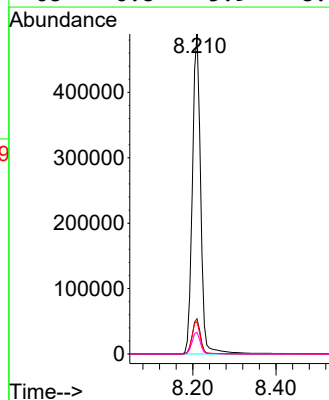
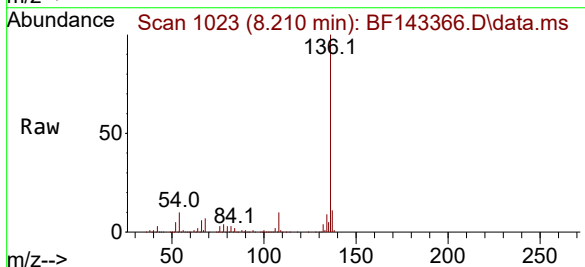
Instrument :
BNA_F
ClientSampleId :
PB169210BL

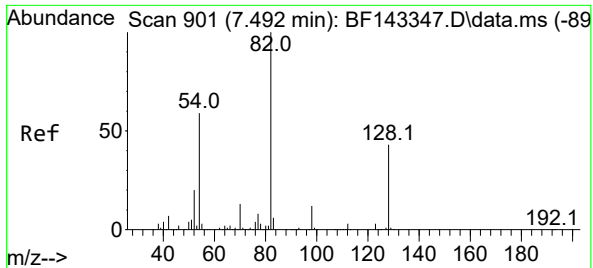
Tgt Ion: 99 Resp: 1573005
Ion Ratio Lower Upper
99 100
42 20.7 16.6 25.0
71 33.5 26.2 39.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF143366.D
Acq: 13 Aug 2025 10:30

Tgt Ion: 136 Resp: 674917
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 10.0 8.4 12.6
68 6.8 5.9 8.9





#23

Nitrobenzene-d5

Concen: 97.544 ng

RT: 7.487 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF143366.D

Acq: 13 Aug 2025 10:30

Instrument :

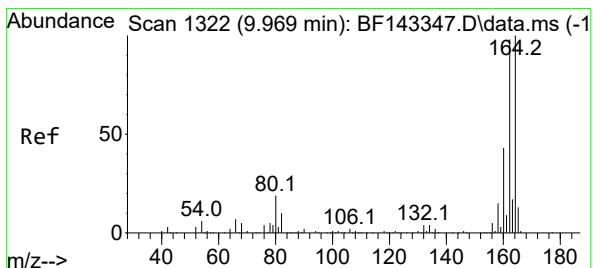
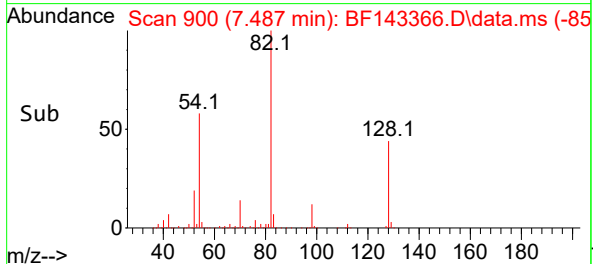
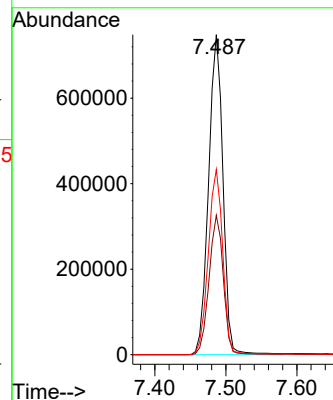
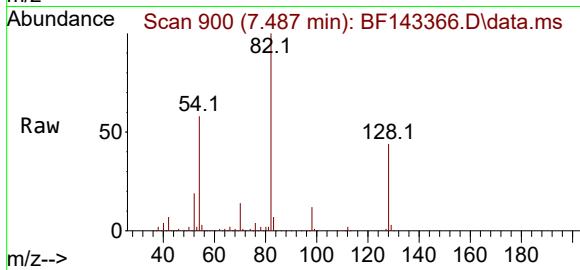
BNA_F

ClientSampleId :

PB169210BL

Tgt Ion: 82 Resp: 1057171

Ion	Ratio	Lower	Upper
82	100		
128	43.6	33.5	50.3
54	57.9	46.7	70.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.963 min Scan# 1321

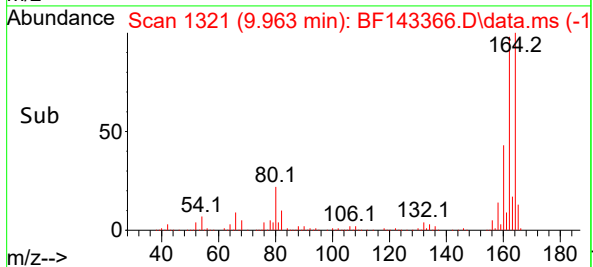
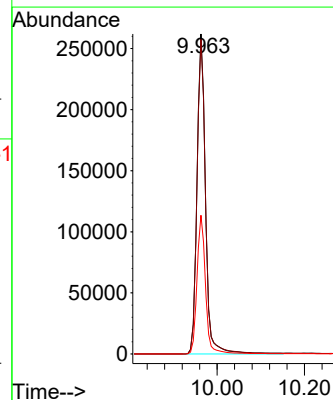
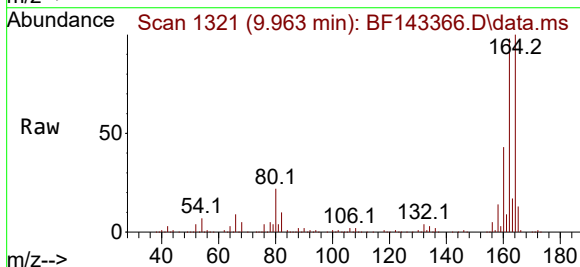
Delta R.T. -0.006 min

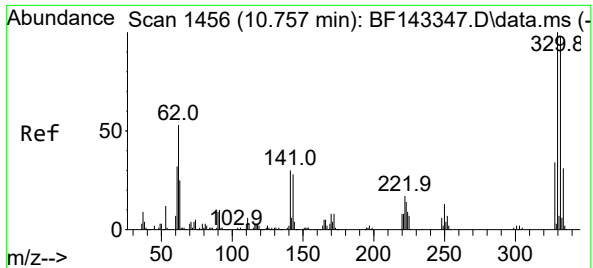
Lab File: BF143366.D

Acq: 13 Aug 2025 10:30

Tgt Ion: 164 Resp: 354793

Ion	Ratio	Lower	Upper
164	100		
162	98.3	78.6	118.0
160	43.3	34.4	51.6





#42

2,4,6-Tribromophenol

Concen: 165.580 ng

RT: 10.751 min Scan# 1456

Delta R.T. -0.006 min

Lab File: BF143366.D

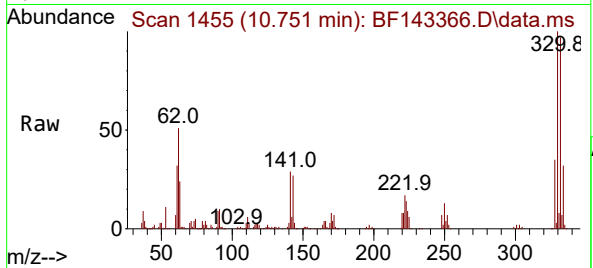
Acq: 13 Aug 2025 10:30

Instrument :

BNA_F

ClientSampleId :

PB169210BL



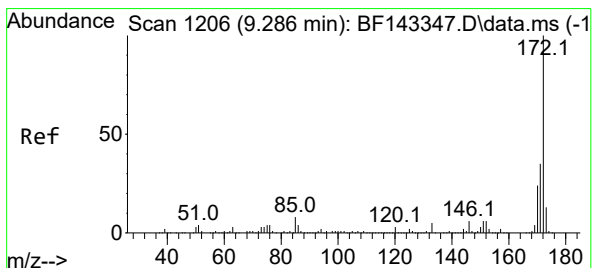
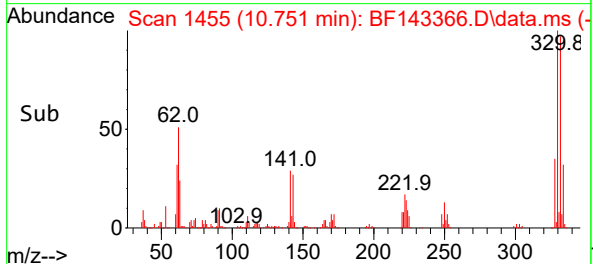
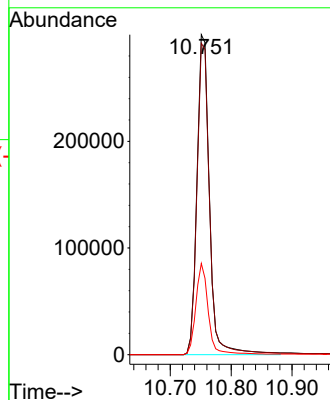
Tgt Ion:330 Resp: 429333

Ion Ratio Lower Upper

330 100

332 98.6 78.1 117.1

141 28.6 25.4 38.0



#45

2-Fluorobiphenyl

Concen: 90.197 ng

RT: 9.281 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF143366.D

Acq: 13 Aug 2025 10:30

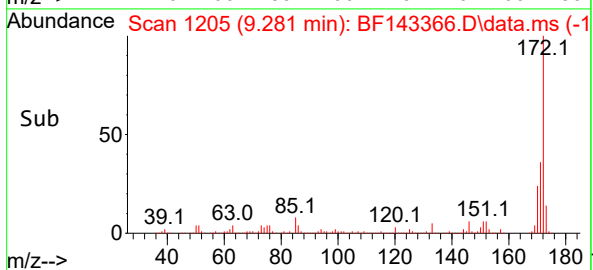
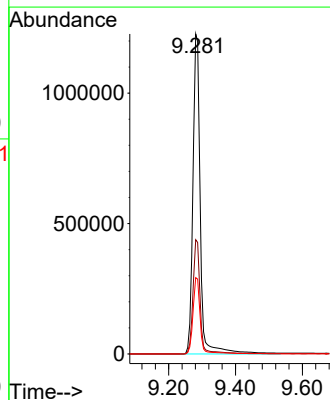
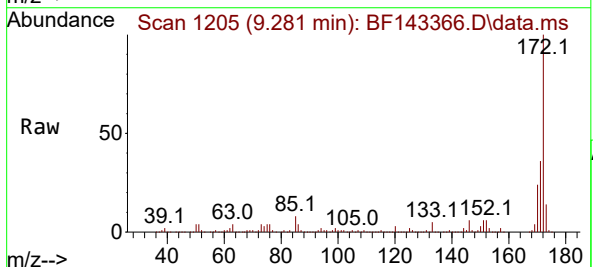
Tgt Ion:172 Resp: 1887149

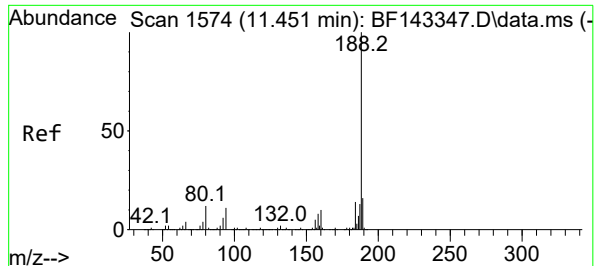
Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 23.8 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.451 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143366.D

Acq: 13 Aug 2025 10:30

Instrument :

BNA_F

ClientSampleId :

PB169210BL

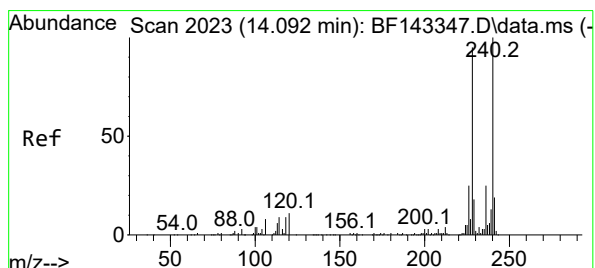
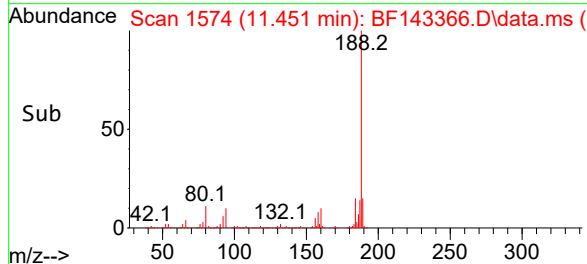
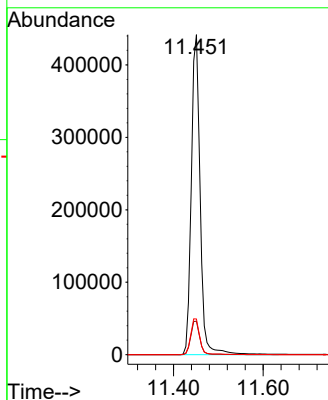
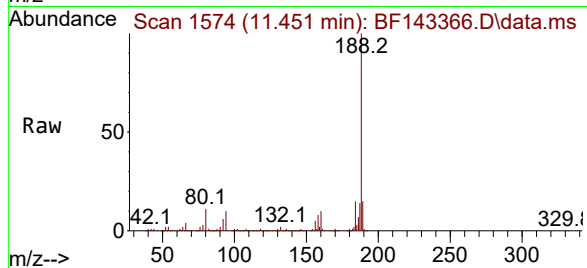
Tgt Ion:188 Resp: 604678

Ion Ratio Lower Upper

188 100

94 10.4 8.8 13.2

80 11.1 9.7 14.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.086 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF143366.D

Acq: 13 Aug 2025 10:30

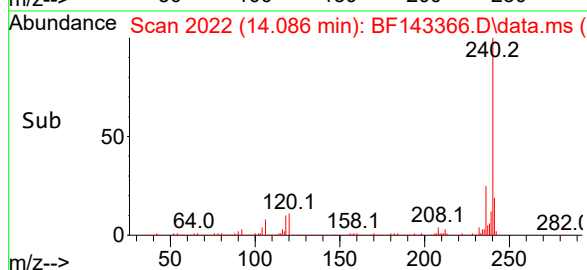
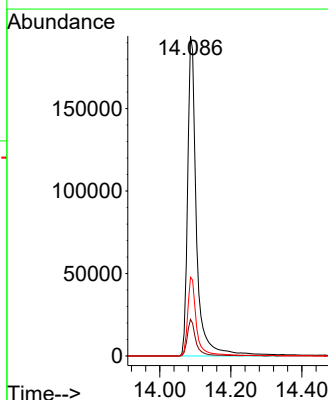
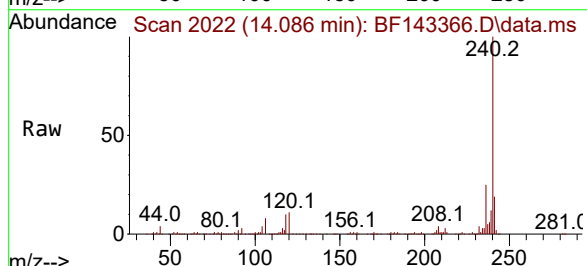
Tgt Ion:240 Resp: 338429

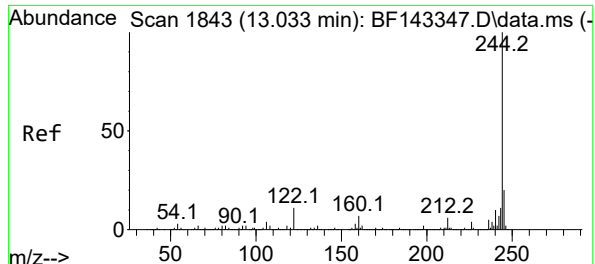
Ion Ratio Lower Upper

240 100

120 11.5 9.0 13.6

236 24.6 19.9 29.9





#79

Terphenyl-d14

Concen: 100.862 ng

RT: 13.033 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF143366.D

Acq: 13 Aug 2025 10:30

Instrument :

BNA_F

ClientSampleId :

PB169210BL

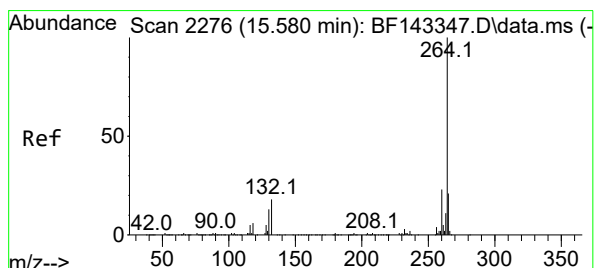
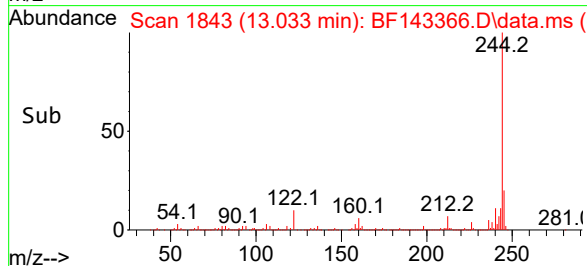
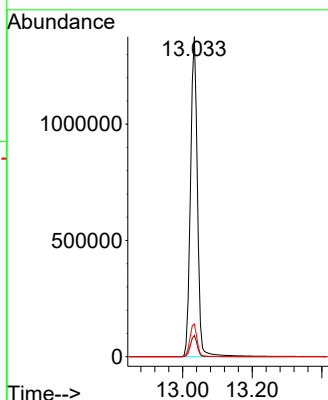
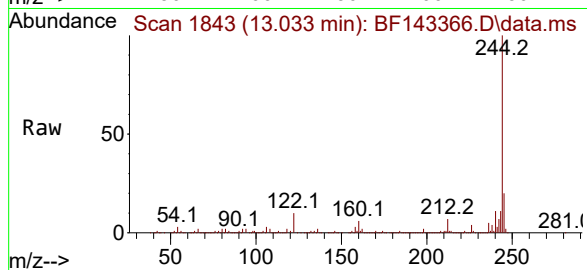
Tgt Ion:244 Resp: 1911940

Ion Ratio Lower Upper

244 100

212 6.6 5.1 7.7

122 10.2 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.580 min Scan# 2276

Delta R.T. -0.000 min

Lab File: BF143366.D

Acq: 13 Aug 2025 10:30

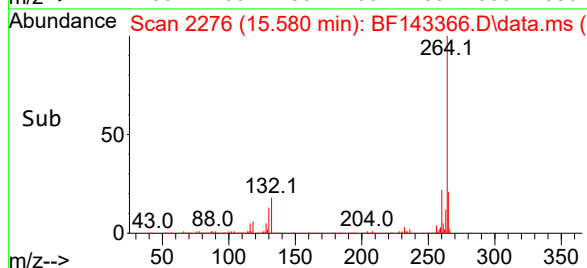
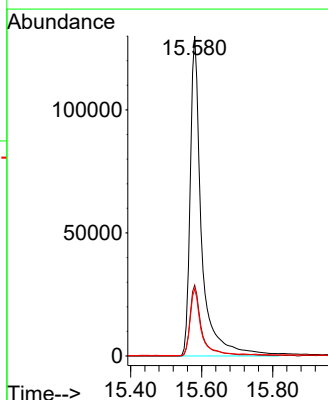
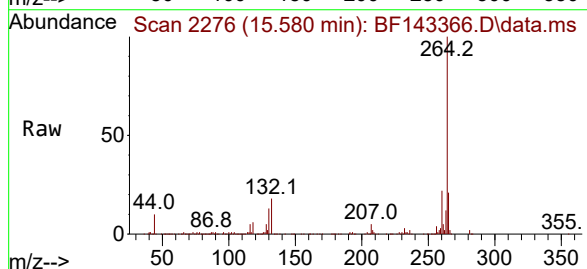
Tgt Ion:264 Resp: 291238

Ion Ratio Lower Upper

264 100

260 22.2 18.7 28.1

265 20.9 17.2 25.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
 Data File : BF143366.D
 Acq On : 13 Aug 2025 10:30
 Operator : RC/JU
 Sample : PB169210BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169210BL

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-BF081225.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143366.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.322	11	22	30	rVB	77446	140102	2.53%	0.412%
2	5.181	500	508	520	rBV	339826	554852	10.02%	1.633%
3	5.575	569	575	580	rBV	3344458	4584078	82.77%	13.490%
4	6.563	736	743	748	rBV	3135419	4536202	81.90%	13.349%
5	6.928	800	805	819	rVB	859861	1072172	19.36%	3.155%
6	7.487	893	900	905	rBV	2265427	3171926	57.27%	9.334%
7	8.210	1017	1023	1048	rBV	1015167	1398354	25.25%	4.115%
8	9.281	1199	1205	1247	rBV	3654901	5538480	100.00%	16.299%
9	9.963	1315	1321	1344	rBV	1112505	1507374	27.22%	4.436%
10	10.751	1449	1455	1492	rBV	2238811	3263063	58.92%	9.603%
11	11.451	1568	1574	1600	rBV	1112879	1535740	27.73%	4.519%
12	13.033	1837	1843	1876	rBV	3635655	5049929	91.18%	14.861%
13	14.086	2017	2022	2046	rBV	520953	890845	16.08%	2.622%
14	15.580	2270	2276	2301	rBV	340983	737576	13.32%	2.171%

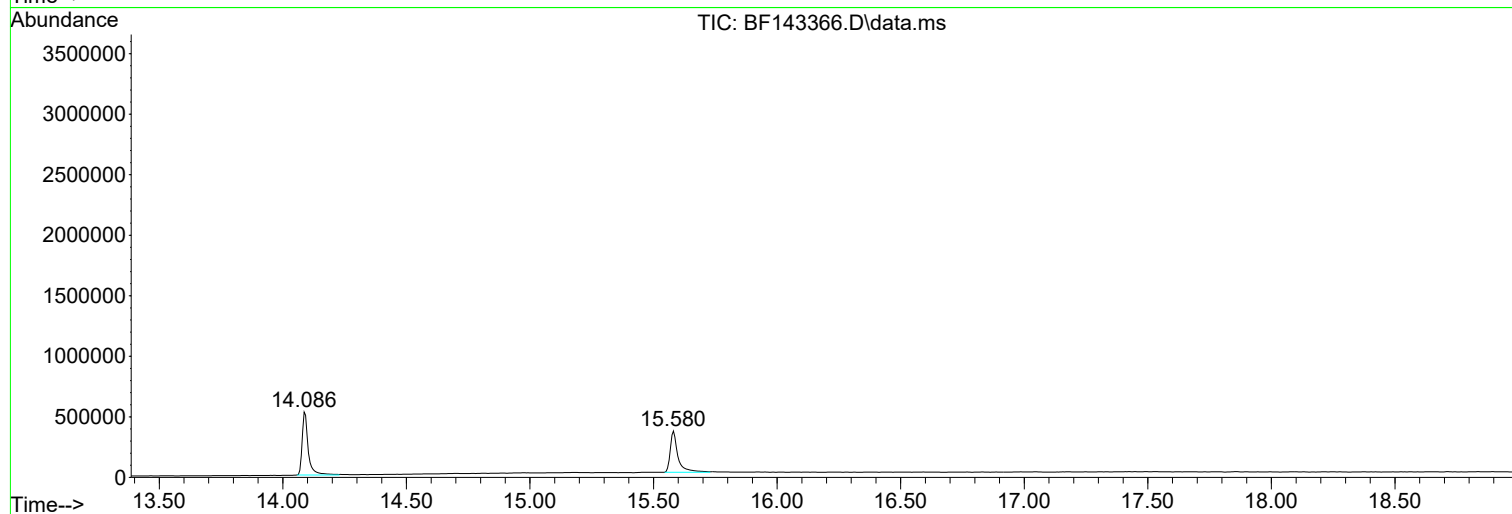
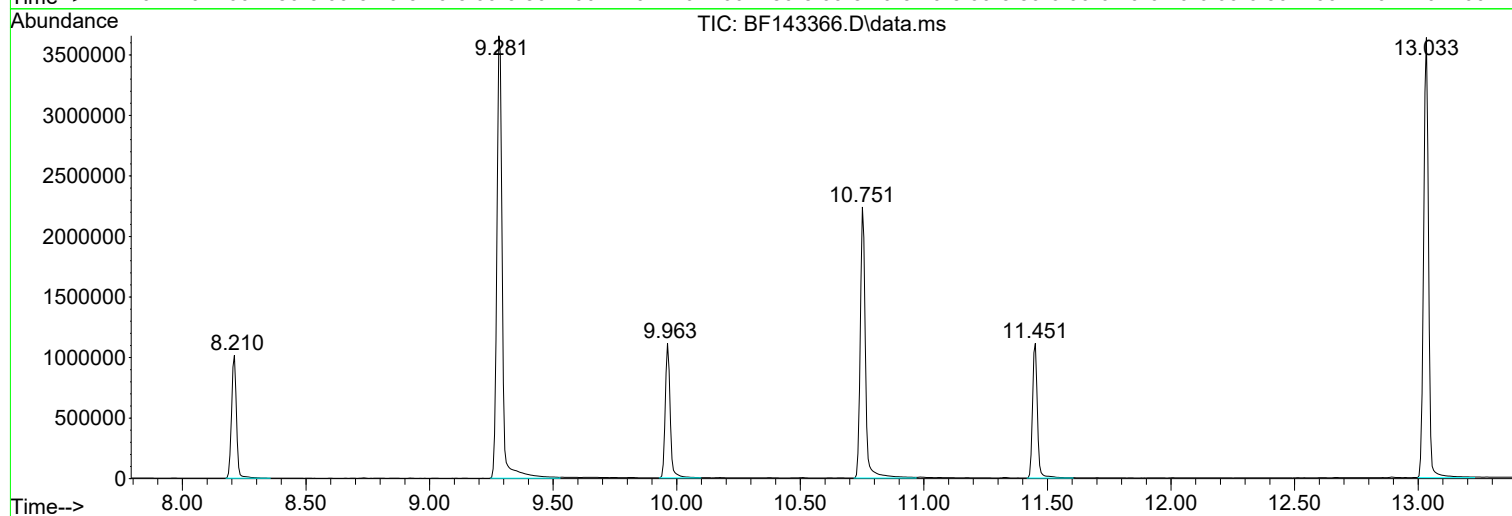
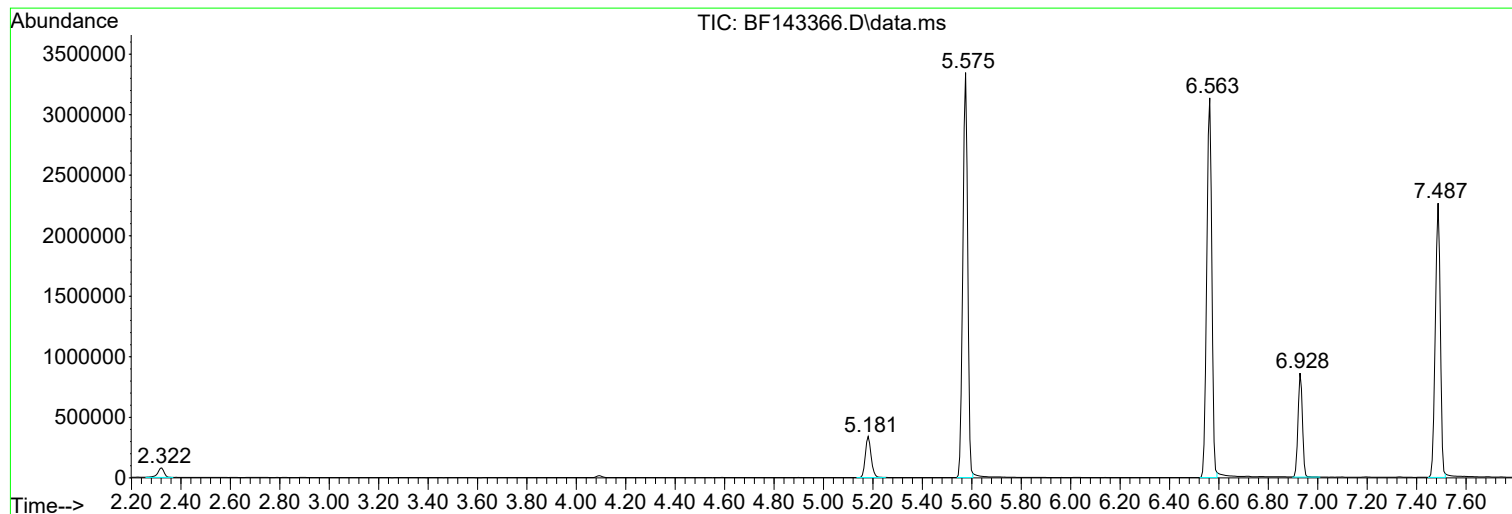
Sum of corrected areas: 33980693

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
Data File : BF143366.D
Acq On : 13 Aug 2025 10:30
Operator : RC/JU
Sample : PB169210BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169210BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.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\BF081325\
Data File : BF143366.D
Acq On : 13 Aug 2025 10:30
Operator : RC/JU
Sample : PB169210BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169210BL

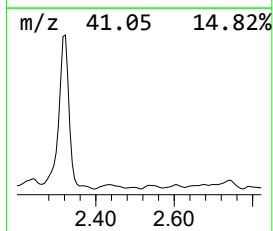
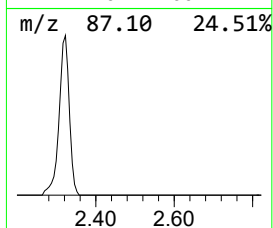
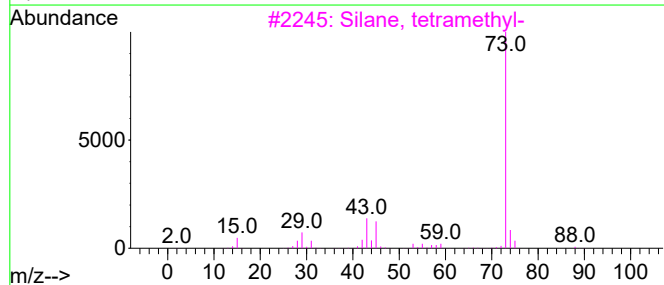
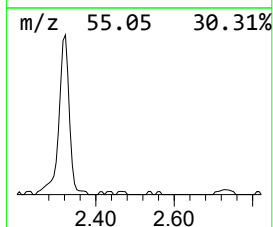
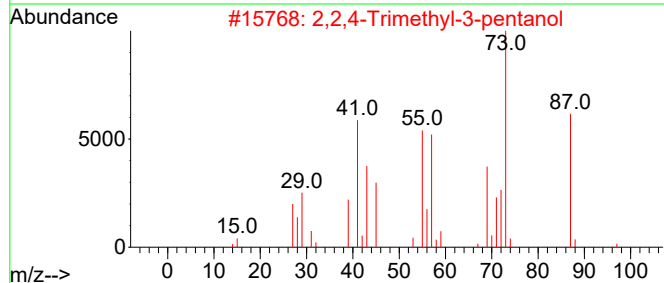
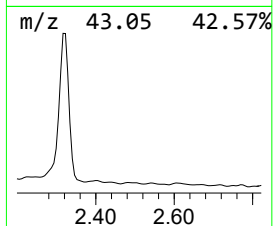
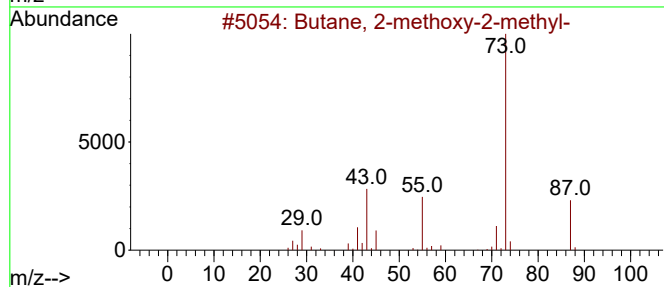
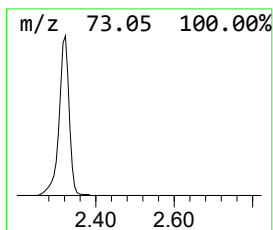
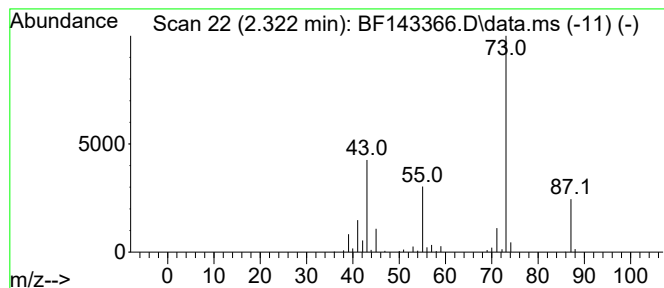
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.322	2.61 ng	140102	1,4-Dichlorobenzene-d4	6.928

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	23
4		3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	23
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
Data File : BF143366.D
Acq On : 13 Aug 2025 10:30
Operator : RC/JU
Sample : PB169210BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169210BL

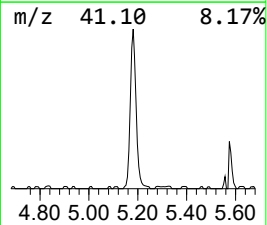
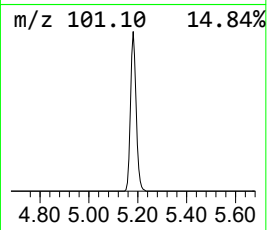
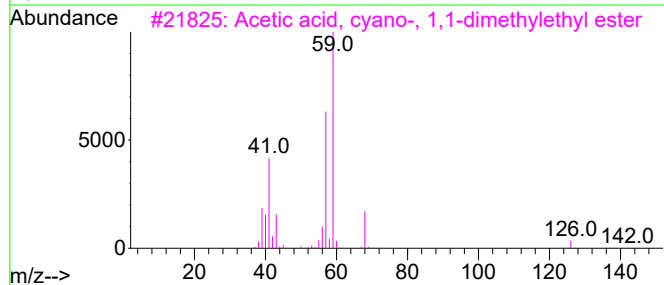
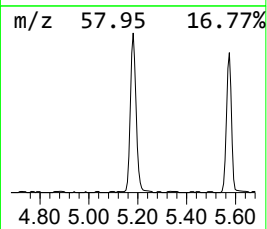
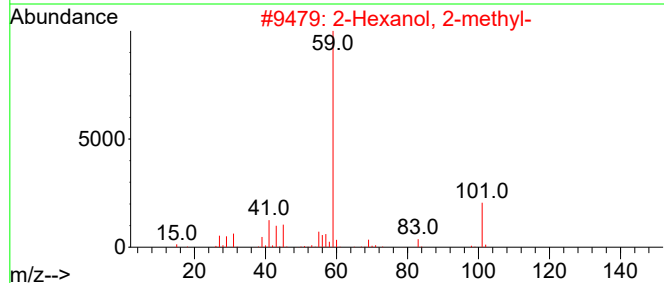
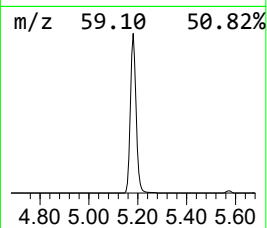
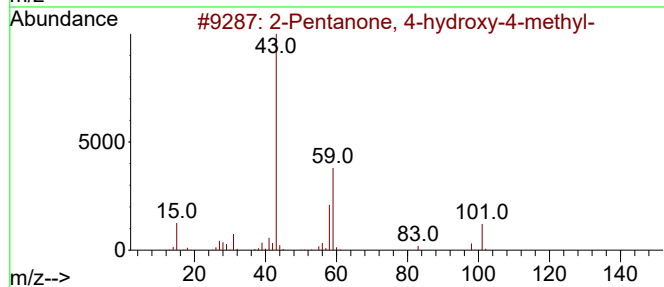
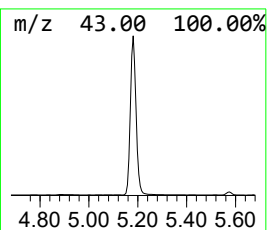
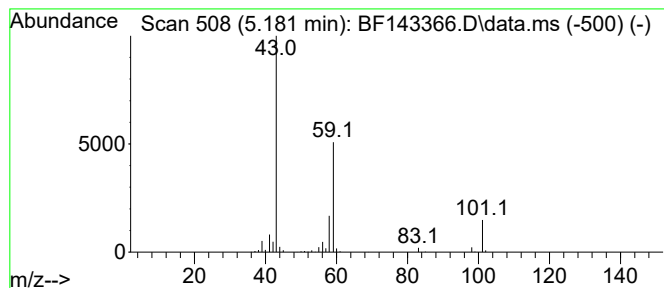
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.181	10.35 ng	554852	1,4-Dichlorobenzene-d4	6.928

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
Data File : BF143366.D
Acq On : 13 Aug 2025 10:30
Operator : RC/JU
Sample : PB169210BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169210BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.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
Butane, 2-metho...	2.322	2.6	ng	140102	1	6.928	1072170	20.0
2-Pentanone, 4-...	5.181	10.4	ng	554852	1	6.928	1072170	20.0

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave B	Date Received:	
Client Sample ID:	PB169210BS	SDG No.:	Q2826
Lab Sample ID:	PB169210BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025402.D	1	08/12/25 09:15	08/14/25 20:10	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	1000		160	330	ug/Kg
108-95-2	Phenol	1700		22.1	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1500		24.3	170	ug/Kg
95-57-8	2-Chlorophenol	1600		24.4	170	ug/Kg
95-48-7	2-Methylphenol	1700		29.9	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1500		37.5	170	ug/Kg
98-86-2	Acetophenone	1500		29.5	170	ug/Kg
65794-96-9	3+4-Methylphenols	1600		41.1	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1500		47.4	79.9	ug/Kg
67-72-1	Hexachloroethane	1500		17.6	170	ug/Kg
98-95-3	Nitrobenzene	1500		18.3	170	ug/Kg
78-59-1	Isophorone	1500		32.8	170	ug/Kg
88-75-5	2-Nitrophenol	1600		58.2	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1700		64.8	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		30.8	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1700		28.3	170	ug/Kg
91-20-3	Naphthalene	1500		22.7	170	ug/Kg
106-47-8	4-Chloroaniline	1400		35.4	170	ug/Kg
87-68-3	Hexachlorobutadiene	1400		25.3	170	ug/Kg
105-60-2	Caprolactam	1600		52.1	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1700		28.7	170	ug/Kg
91-57-6	2-Methylnaphthalene	1500		25.6	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3100	E	120	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1700		19.8	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1700		29.1	170	ug/Kg
92-52-4	1,1-Biphenyl	1600		21.8	170	ug/Kg
91-58-7	2-Chloronaphthalene	1600		22.5	170	ug/Kg
88-74-4	2-Nitroaniline	1600		48.1	170	ug/Kg
131-11-3	Dimethylphthalate	1600		27.1	170	ug/Kg

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave B	Date Received:	
Client Sample ID:	PB169210BS	SDG No.:	Q2826
Lab Sample ID:	PB169210BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025402.D	1	08/12/25 09:15	08/14/25 20:10	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1600		28.9	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1700		33.6	170	ug/Kg
99-09-2	3-Nitroaniline	1500		46.0	170	ug/Kg
83-32-9	Acenaphthene	1600		21.3	170	ug/Kg
51-28-5	2,4-Dinitrophenol	3700	E	230	330	ug/Kg
100-02-7	4-Nitrophenol	3500	E	110	330	ug/Kg
132-64-9	Dibenzofuran	1500		22.7	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1700		50.1	170	ug/Kg
84-66-2	Diethylphthalate	1600		28.3	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500		26.7	170	ug/Kg
86-73-7	Fluorene	1500		25.3	170	ug/Kg
100-01-6	4-Nitroaniline	1600		64.2	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1700		100	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1600		32.9	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1600		27.8	170	ug/Kg
118-74-1	Hexachlorobenzene	1600		25.3	170	ug/Kg
1912-24-9	Atrazine	1600		34.0	170	ug/Kg
87-86-5	Pentachlorophenol	3200	E	51.3	330	ug/Kg
85-01-8	Phenanthrene	1600		20.9	170	ug/Kg
120-12-7	Anthracene	1600		33.3	170	ug/Kg
86-74-8	Carbazole	1600		31.2	170	ug/Kg
84-74-2	Di-n-butylphthalate	1600		47.9	170	ug/Kg
206-44-0	Fluoranthene	1600		30.0	170	ug/Kg
129-00-0	Pyrene	1600		36.0	170	ug/Kg
85-68-7	Butylbenzylphthalate	1600		71.4	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		36.7	330	ug/Kg
56-55-3	Benzo(a)anthracene	1600		23.0	170	ug/Kg
218-01-9	Chrysene	1600		19.9	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1600		59.2	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1600		86.7	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		19.0	170	ug/Kg

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave B	Date Received:	
Client Sample ID:	PB169210BS	SDG No.:	Q2826
Lab Sample ID:	PB169210BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025402.D	1	08/12/25 09:15	08/14/25 20:10	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1600		22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	1600		29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600		25.7	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1500		25.6	170	ug/Kg
123-91-1	1,4-Dioxane	1400		45.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1700		27.4	170	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	136		30 (18) - 130 (112)	91%	SPK: 150
13127-88-3	Phenol-d6	138		30 (15) - 130 (107)	92%	SPK: 150
4165-60-0	Nitrobenzene-d5	79.6		30 (18) - 130 (107)	80%	SPK: 100
321-60-8	2-Fluorobiphenyl	79.7		30 (20) - 130 (109)	80%	SPK: 100
118-79-6	2,4,6-Tribromophenol	138		30 (10) - 130 (116)	92%	SPK: 150
1718-51-0	Terphenyl-d14	83.1		30 (10) - 130 (105)	83%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	156000	7.79
1146-65-2	Naphthalene-d8	651000	10.56
15067-26-2	Acenaphthene-d10	436000	14.413
1517-22-2	Phenanthrene-d10	896000	17.201
1719-03-5	Chrysene-d12	938000	21.648
1520-96-3	Perylene-d12	1020000	25.018

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\BP081425\
 Data File : BP025402.D
 Acq On : 14 Aug 2025 20:10
 Operator : CG/JU
 Sample : PB169210BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

PB169210BS

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 15 01:37:43 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Aug 14 18:14:31 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	156059	20.000	ng	0.00
21) Naphthalene-d8	10.560	136	650560	20.000	ng	0.00
39) Acenaphthene-d10	14.413	164	435539	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	895607	20.000	ng	0.00
76) Chrysene-d12	21.648	240	937531	20.000	ng	0.00
86) Perylene-d12	25.018	264	1016818	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1280798	136.296	ng	0.00
7) Phenol-d6	6.972	99	1664968	138.195	ng	0.00
23) Nitrobenzene-d5	8.937	82	1023164	79.558	ng	0.00
42) 2,4,6-Tribromophenol	15.919	330	807504	137.743	ng	0.00
45) 2-Fluorobiphenyl	13.025	172	2538853	79.667	ng	0.00
79) Terphenyl-d14	19.942	244	4256352	83.062	ng	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.331	88	150326	40.840	ng	99
3) Pyridine	3.725	79	377128	37.433	ng	98
4) n-Nitrosodimethylamine	3.631	42	183326	44.137	ng	97
6) Aniline	7.125	93	680651	41.931	ng	98
8) 2-Chlorophenol	7.366	128	518221	48.869	ng	99
9) Benzaldehyde	6.937	77	256830	30.427	ng	98
10) Phenol	6.996	94	629374	49.784	ng	98
11) bis(2-Chloroethyl)ether	7.219	93	437105	44.360	ng	100
12) 1,3-Dichlorobenzene	7.684	146	509681	43.589	ng	100
13) 1,4-Dichlorobenzene	7.825	146	520662	43.564	ng	99
14) 1,2-Dichlorobenzene	8.143	146	502978	43.476	ng	97
15) Benzyl Alcohol	8.025	79	446566	46.649	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.313	45	580366	43.968	ng	98
17) 2-Methylphenol	8.225	107	435851	49.640	ng	99
18) Hexachloroethane	8.866	117	192819	43.879	ng	96
19) n-Nitroso-di-n-propyla...	8.584	70	349179	43.755	ng	97
20) 3+4-Methylphenols	8.549	107	601995	49.463	ng	98
22) Acetophenone	8.602	105	715431	43.852	ng	99
24) Nitrobenzene	8.978	77	512825	44.618	ng	99
25) Isophorone	9.502	82	1003541	44.092	ng	99
26) 2-Nitrophenol	9.678	139	274616	46.556	ng	99
27) 2,4-Dimethylphenol	9.743	122	502601	49.547	ng	99
28) bis(2-Chloroethoxy)met...	9.978	93	622573	45.252	ng	98
29) 2,4-Dichlorophenol	10.213	162	505992	50.213	ng	99
30) 1,2,4-Trichlorobenzene	10.425	180	484724	43.881	ng	99
31) Naphthalene	10.613	128	1505392	44.521	ng	99
32) Benzoic acid	9.884	122	383103	51.155	ng	97
33) 4-Chloroaniline	10.713	127	624236	41.794	ng	99
34) Hexachlorobutadiene	10.901	225	298042	43.323	ng	98
35) Caprolactam	11.496	113	181569	49.139	ng	99
36) 4-Chloro-3-methylphenol	11.831	107	582706	50.394	ng	98
37) 2-Methylnaphthalene	12.219	142	1004265	45.639	ng	99
38) 1-Methylnaphthalene	12.443	142	1051392	44.929	ng	99
40) 1,2,4,5-Tetrachloroben...	12.590	216	564099	44.845	ng	99
41) Hexachlorocyclopentadiene	12.578	237	716635	94.317	ng	99
43) 2,4,6-Trichlorophenol	12.825	196	420901	49.564	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025402.D
 Acq On : 14 Aug 2025 20:10
 Operator : CG/JU
 Sample : PB169210BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169210BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 15 01:37:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	468666	50.356	ng	98
46) 1,1'-Biphenyl	13.231	154	1476847	46.689	ng	100
47) 2-Chloronaphthalene	13.272	162	1146132	46.544	ng	99
48) 2-Nitroaniline	13.472	65	355089	49.489	ng	96
49) Acenaphthylene	14.131	152	1910326	46.883	ng	100
50) Dimethylphthalate	13.860	163	1540919	48.314	ng	99
51) 2,6-Dinitrotoluene	13.978	165	335519	49.911	ng	98
52) Acenaphthene	14.478	154	1132105	47.334	ng	100
53) 3-Nitroaniline	14.307	138	331713	43.858	ng	97
54) 2,4-Dinitrophenol	14.513	184	401585	111.865	ng	97
55) Dibenzofuran	14.813	168	1757203	46.470	ng	100
56) 4-Nitrophenol	14.625	139	648186	104.294	ng	98
57) 2,4-Dinitrotoluene	14.766	165	491249	51.219	ng	100
58) Fluorene	15.472	166	1388189	46.525	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.042	232	408762	49.740	ng	99
60) Diethylphthalate	15.248	149	1563135	48.233	ng	99
61) 4-Chlorophenyl-phenyle...	15.472	204	683735	46.075	ng	98
62) 4-Nitroaniline	15.489	138	380486	49.072	ng	99
63) Azobenzene	15.772	77	1343333	48.409	ng	99
65) 4,6-Dinitro-2-methylph...	15.548	198	277954	49.788	ng	95
66) n-Nitrosodiphenylamine	15.689	169	1290834	47.265	ng	99
67) 4-Bromophenyl-phenylether	16.384	248	460600	46.761	ng	96
68) Hexachlorobenzene	16.501	284	531682	46.564	ng	98
69) Atrazine	16.660	200	492822	48.184	ng	97
70) Pentachlorophenol	16.848	266	700841	97.234	ng	99
71) Phenanthrene	17.248	178	2335980	47.481	ng	100
72) Anthracene	17.348	178	2338590	46.547	ng	99
73) Carbazole	17.619	167	2254500	47.640	ng	99
74) Di-n-butylphthalate	18.219	149	2850461	48.957	ng	100
75) Fluoranthene	19.336	202	2769236	47.188	ng	99
77) Benzidine	19.525	184	2034719	63.593	ng	99
78) Pyrene	19.713	202	2848697	46.748	ng	99
80) Butylbenzylphthalate	20.666	149	1350312	48.894	ng	99
81) Benzo(a)anthracene	21.630	228	2905027	46.984	ng	100
82) 3,3'-Dichlorobenzidine	21.548	252	936735	40.194	ng	99
83) Chrysene	21.695	228	2733737	47.211	ng	99
84) Bis(2-ethylhexyl)phtha...	21.583	149	1973001	48.532	ng	100
85) Di-n-octyl phthalate	22.877	149	3308927	47.320	ng	100
87) Indeno(1,2,3-cd)pyrene	28.848	276	3596116m	48.225	ng	
88) Benzo(b)fluoranthene	23.971	252	2918542	48.676	ng	99
89) Benzo(k)fluoranthene	24.042	252	2967349	49.456	ng	100
90) Benzo(a)pyrene	24.871	252	2854031	48.899	ng	99
91) Dibenzo(a,h)anthracene	28.942	278	2946612	48.354	ng	98
92) Benzo(g,h,i)perylene	30.053	276	2879368	48.068	ng	99

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

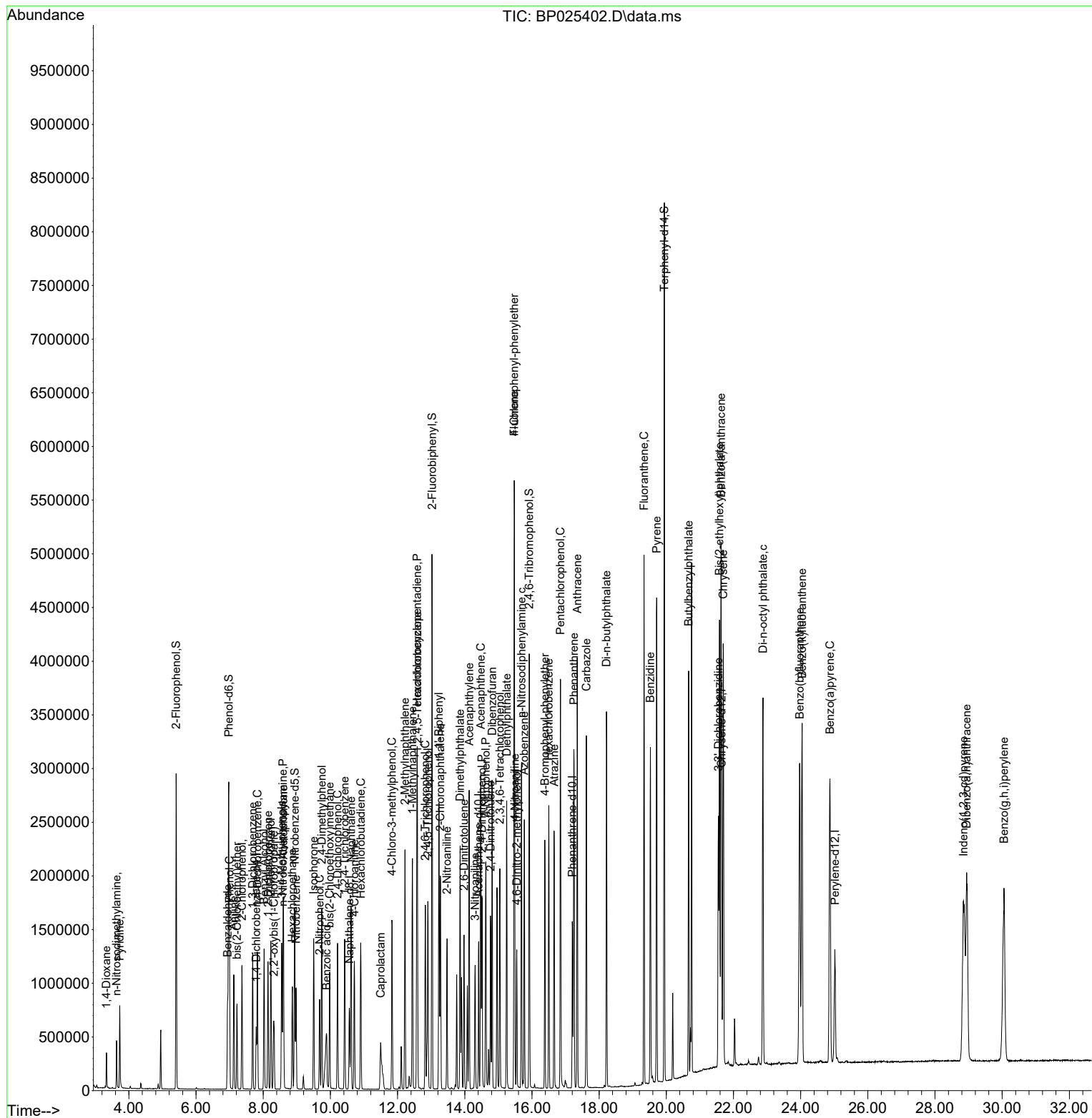
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 Data File : BP025402.D
 Acq On : 14 Aug 2025 20:10
 Operator : CG/JU
 Sample : PB169210BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

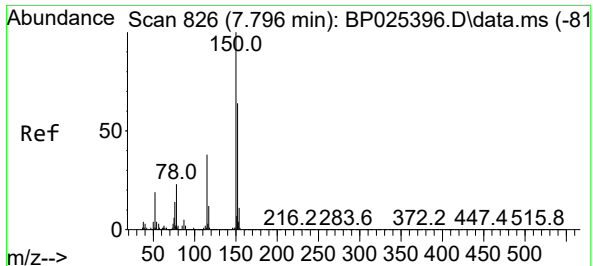
Instrument :
 BNA_P
 ClientSampleId :
 PB169210BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

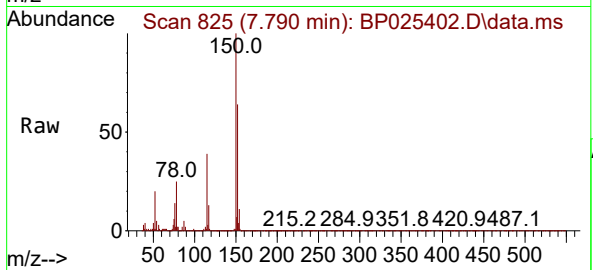
Quant Time: Aug 15 01:37:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

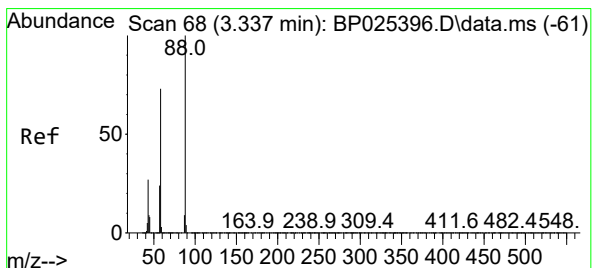
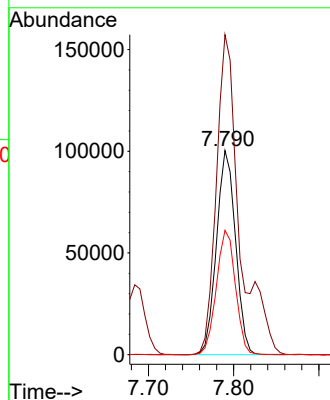
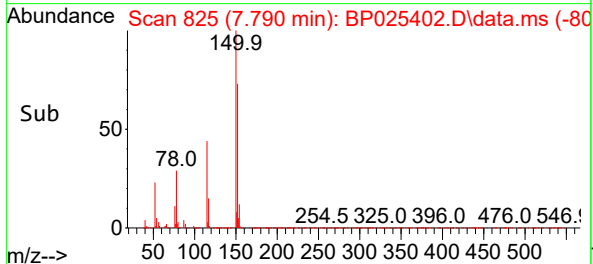
Instrument :
BNA_P
ClientSampleId :
PB169210BS



Tgt Ion: 152 Resp: 156059
Ion Ratio Lower Upper
152 100
150 156.7 125.9 188.9
115 60.9 48.5 72.7

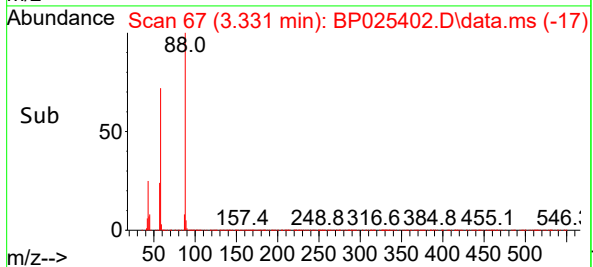
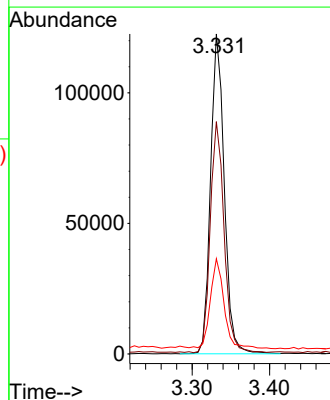
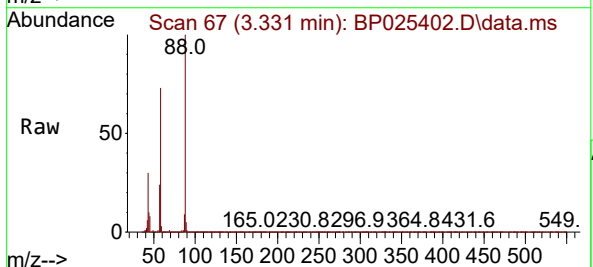
Manual Integrations
APPROVED

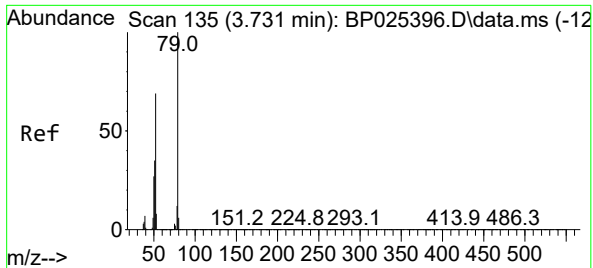
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#2
1,4-Dioxane
Concen: 40.840 ng
RT: 3.331 min Scan# 67
Delta R.T. -0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

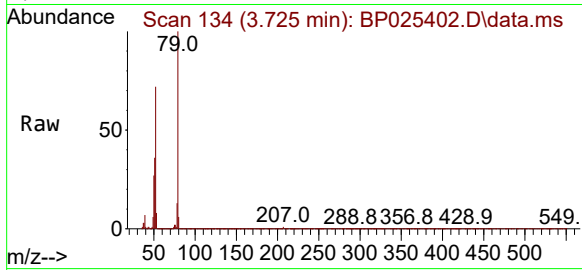
Tgt Ion: 88 Resp: 150326
Ion Ratio Lower Upper
88 100
58 73.0 59.2 88.8
43 28.2 21.7 32.5





#3
Pyridine
Concen: 37.433 ng
RT: 3.725 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

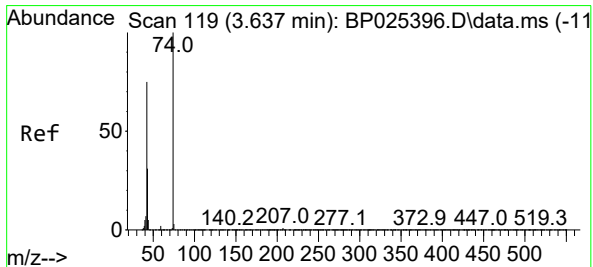
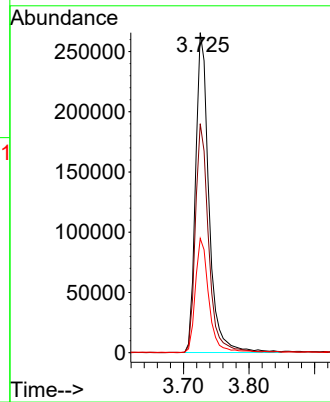
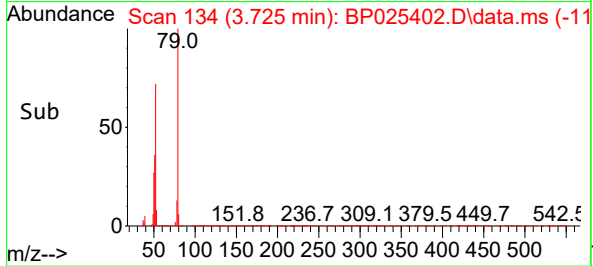
Instrument :
BNA_P
ClientSampleId :
PB169210BS



Tgt Ion: 79 Resp: 377128
Ion Ratio Lower Upper
79 100
52 71.5 55.5 83.3
51 35.7 28.3 42.5

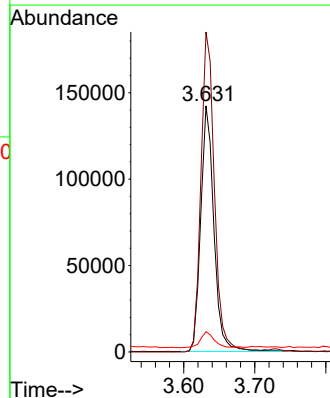
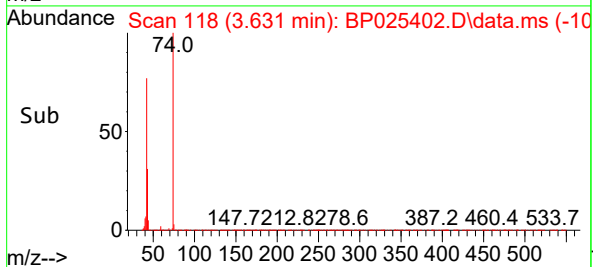
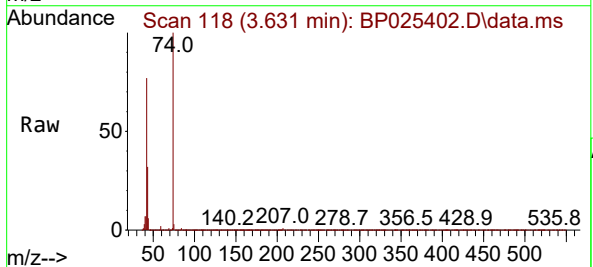
Manual Integrations
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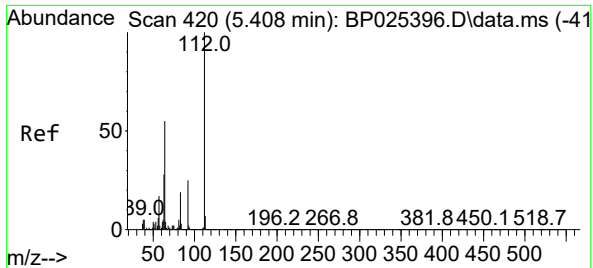
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#4
n-Nitrosodimethylamine
Concen: 44.137 ng
RT: 3.631 min Scan# 118
Delta R.T. -0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

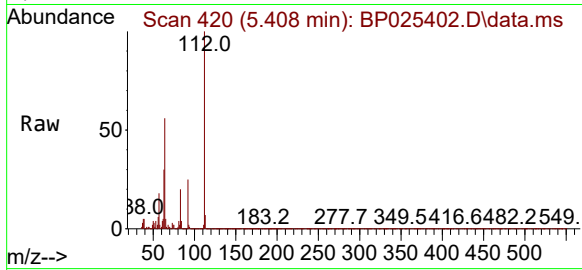
Tgt Ion: 42 Resp: 183326
Ion Ratio Lower Upper
42 100
74 130.0 107.0 160.4
44 8.3 6.2 9.4





#5
2-Fluorophenol
Concen: 136.296 ng
RT: 5.408 min Scan# 420
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

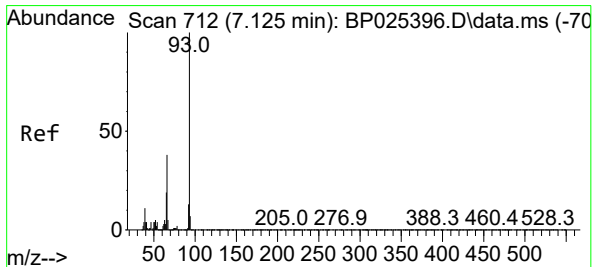
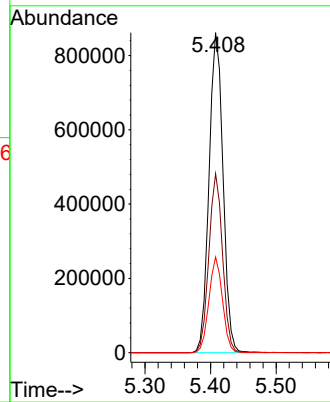
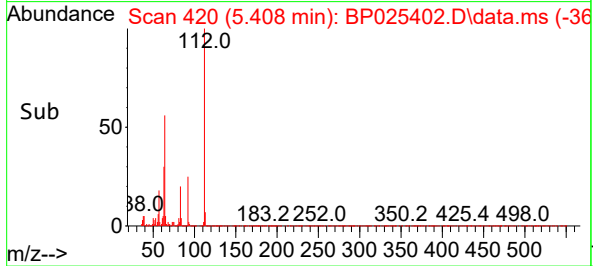
Instrument :
BNA_P
ClientSampleId :
PB169210BS



Tgt Ion:112 Resp: 1280798
Ion Ratio Lower Upper
112 100
64 56.0 43.8 65.8
63 29.9 22.7 34.1

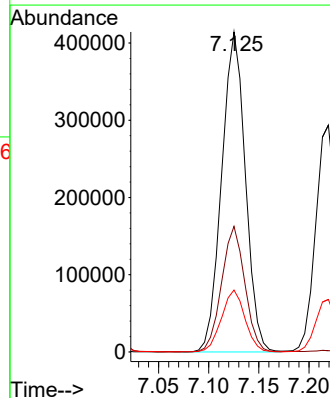
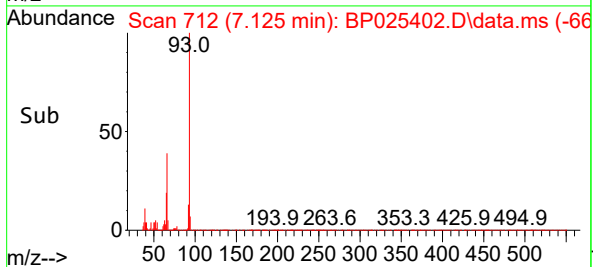
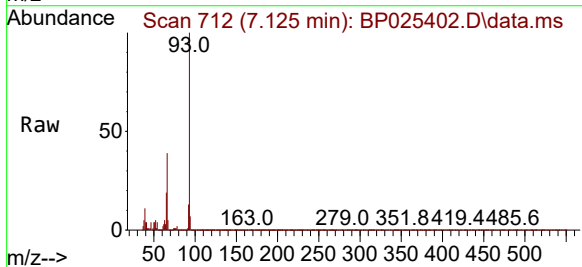
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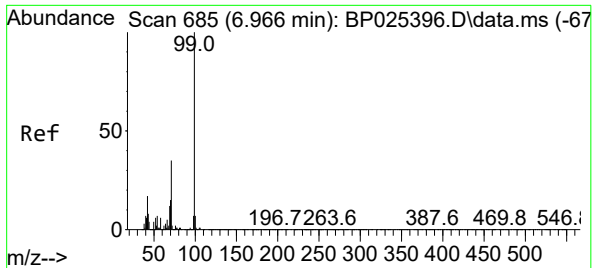
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#6
Aniline
Concen: 41.931 ng
RT: 7.125 min Scan# 712
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

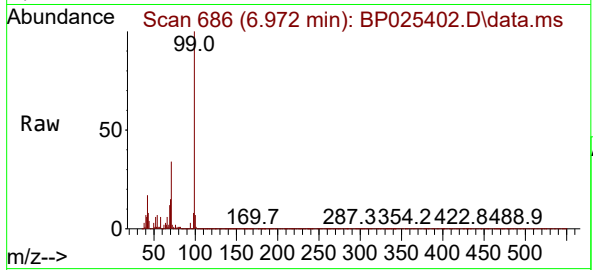
Tgt Ion: 93 Resp: 680651
Ion Ratio Lower Upper
93 100
66 39.2 30.4 45.6
65 19.4 15.3 22.9





#7
Phenol-d6
Concen: 138.195 ng
RT: 6.972 min Scan# 685
Delta R.T. 0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

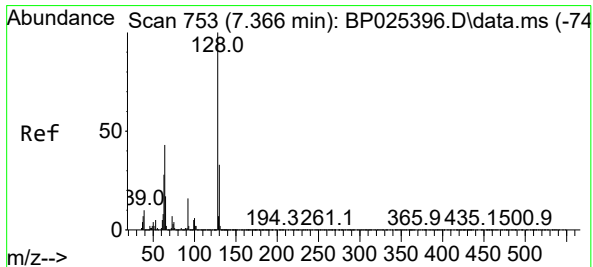
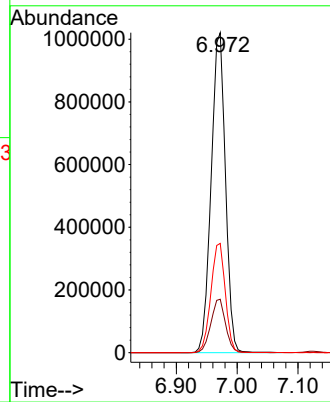
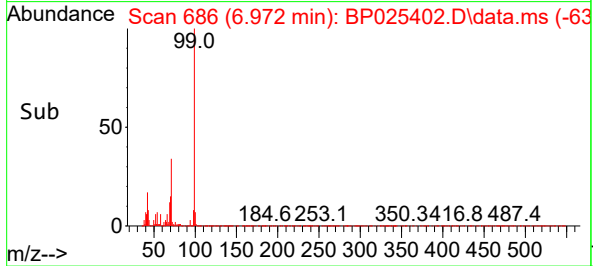
Instrument :
BNA_P
ClientSampleId :
PB169210BS



Tgt Ion: 99 Resp: 166496
Ion Ratio Lower Upper
99 100
42 16.7 13.7 20.5
71 34.1 28.2 42.4

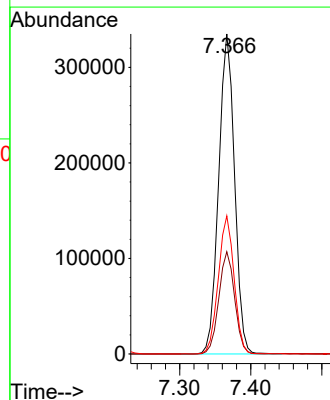
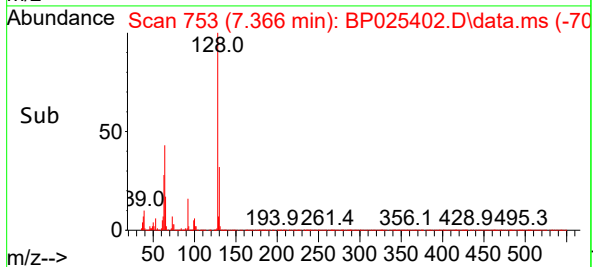
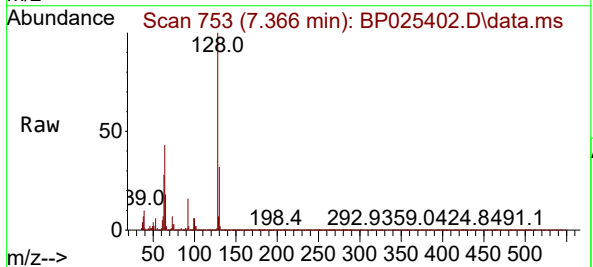
Manual Integrations
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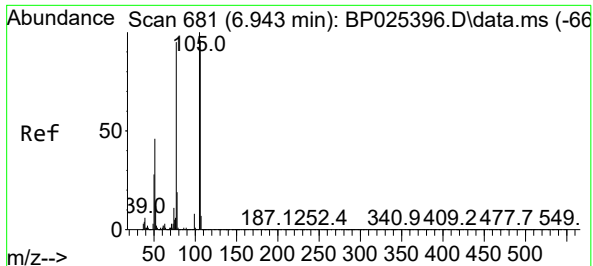
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#8
2-Chlorophenol
Concen: 48.869 ng
RT: 7.366 min Scan# 753
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

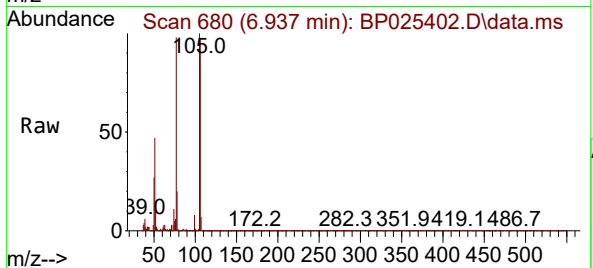
Tgt Ion:128 Resp: 518221
Ion Ratio Lower Upper
128 100
130 32.0 12.6 52.6
64 43.1 23.4 63.4





#9
Benzaldehyde
Concen: 30.427 ng
RT: 6.937 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

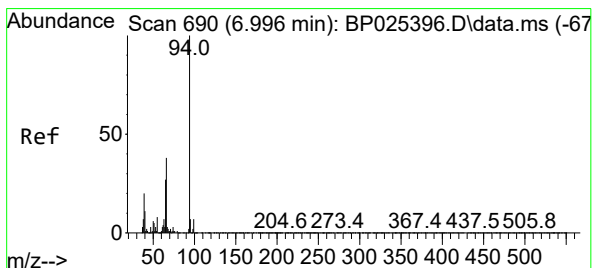
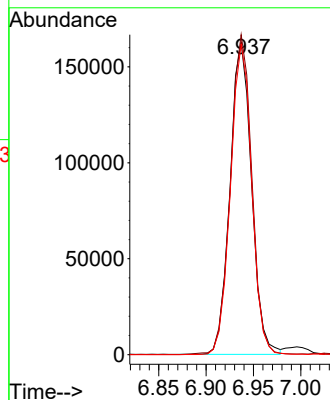
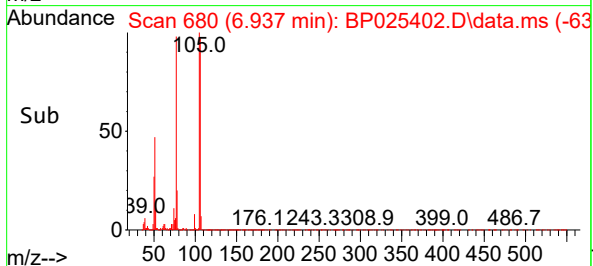
Instrument :
BNA_P
ClientSampleId :
PB169210BS



Tgt Ion: 77 Resp: 256830
Ion Ratio Lower Upper
77 100
105 102.4 84.8 124.8
106 99.4 80.5 120.5

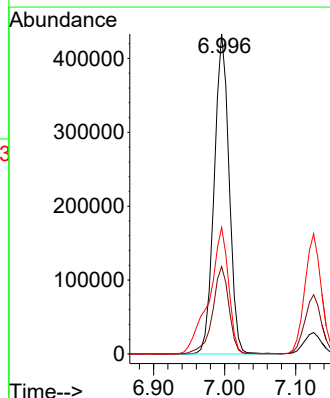
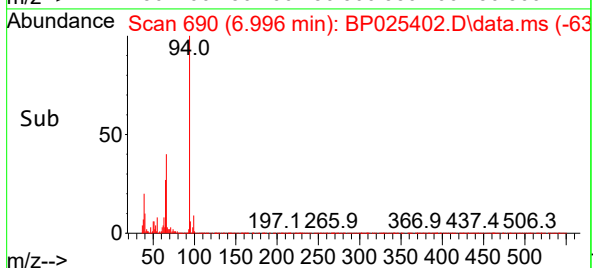
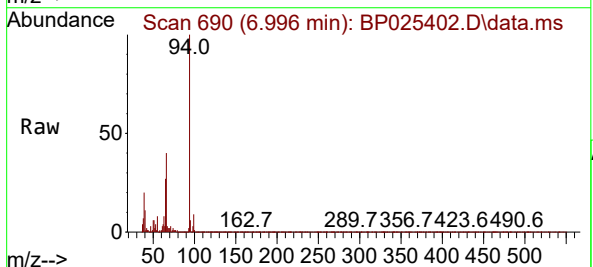
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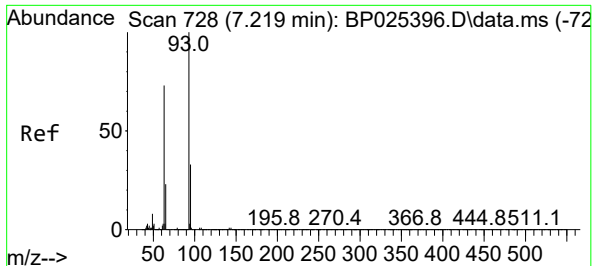
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#10
Phenol
Concen: 49.784 ng
RT: 6.996 min Scan# 690
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion: 94 Resp: 629374
Ion Ratio Lower Upper
94 100
65 27.3 6.8 46.8
66 39.6 18.2 58.2





#11

bis(2-Chloroethyl)ether

Concen: 44.360 ng

RT: 7.219 min Scan# 728

Delta R.T. 0.000 min

Lab File: BP025402.D

Acq: 14 Aug 2025 20:10

Instrument :

BNA_P

ClientSampleId :

PB169210BS

Tgt Ion: 93 Resp: 43710

Ion Ratio Lower Upper

93 100

63 72.8 52.6 92.6

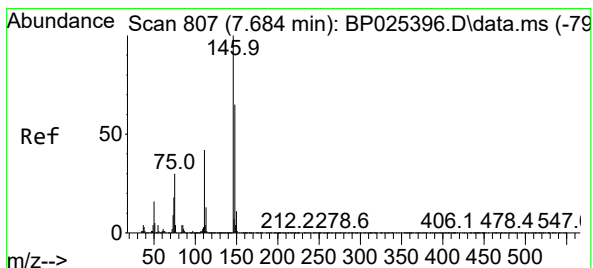
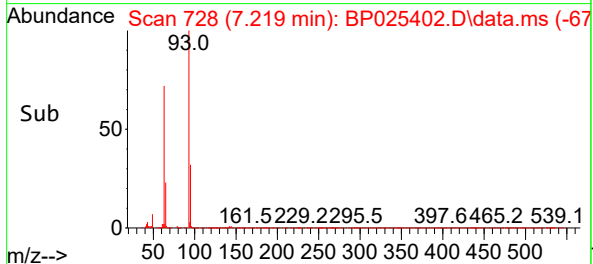
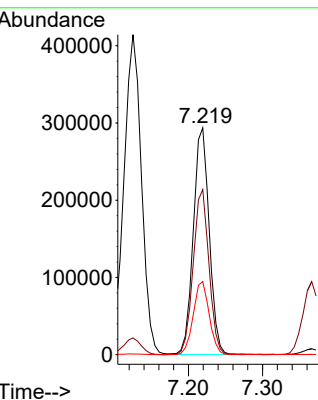
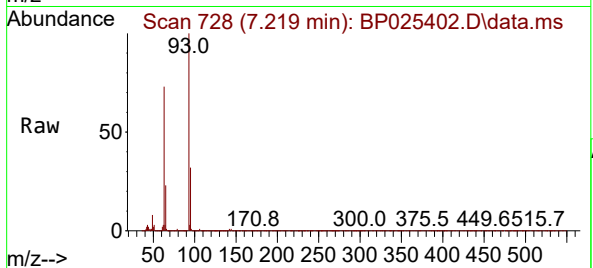
95 32.2 12.7 52.7

Manual Integrations

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Supervised By :Jagrut Upadhyay 08/15/2025



#12

1,3-Dichlorobenzene

Concen: 43.589 ng

RT: 7.684 min Scan# 807

Delta R.T. 0.000 min

Lab File: BP025402.D

Acq: 14 Aug 2025 20:10

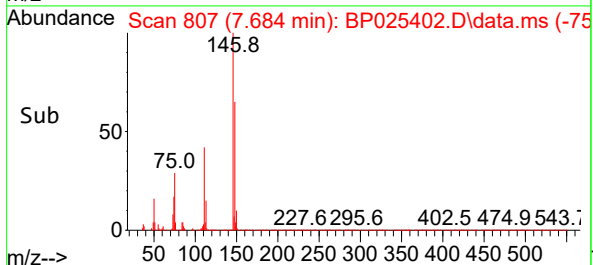
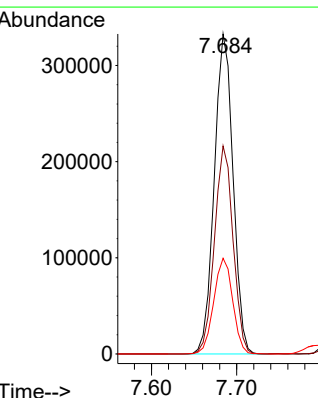
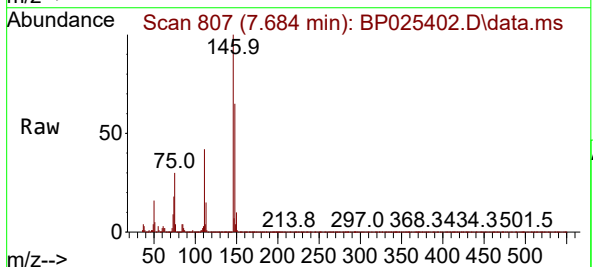
Tgt Ion:146 Resp: 509681

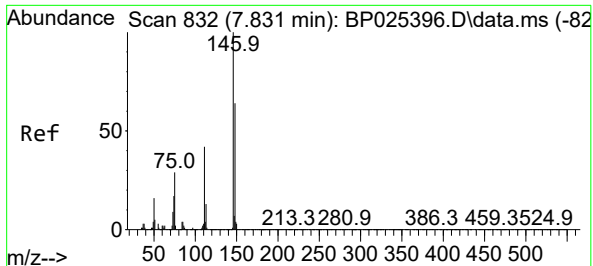
Ion Ratio Lower Upper

146 100

148 65.0 51.9 77.9

75 29.9 23.7 35.5





#13

1,4-Dichlorobenzene

Concen: 43.564 ng

RT: 7.825 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP025402.D

Acq: 14 Aug 2025 20:10

Instrument :

BNA_P

ClientSampleId :

PB169210BS

Tgt Ion:146 Resp: 520662

Ion Ratio Lower Upper

146 100

148 64.3 51.6 77.4

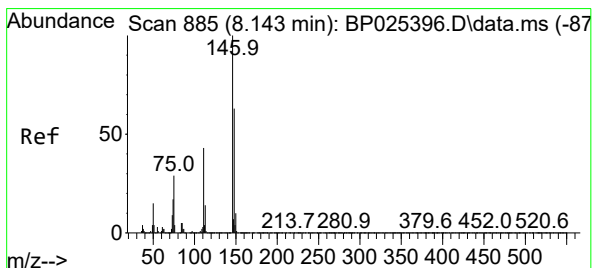
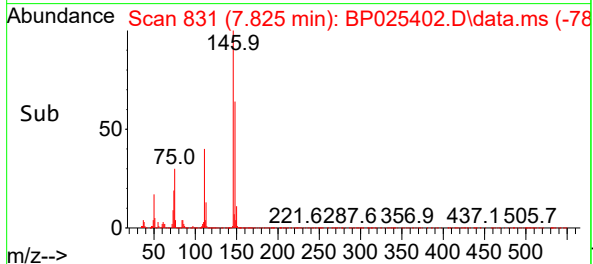
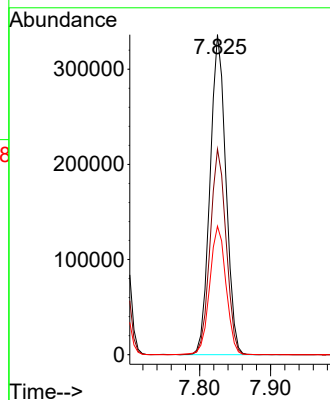
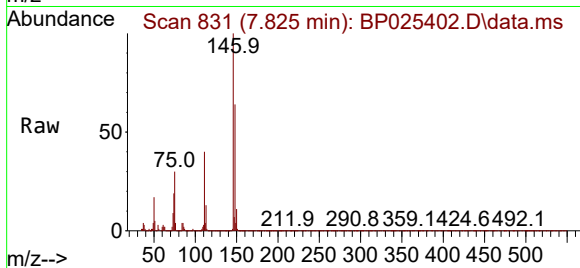
111 40.2 33.4 50.0

Manual Integrations

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#14

1,2-Dichlorobenzene

Concen: 43.476 ng

RT: 8.143 min Scan# 885

Delta R.T. 0.000 min

Lab File: BP025402.D

Acq: 14 Aug 2025 20:10

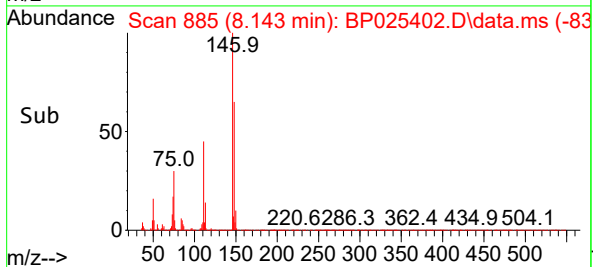
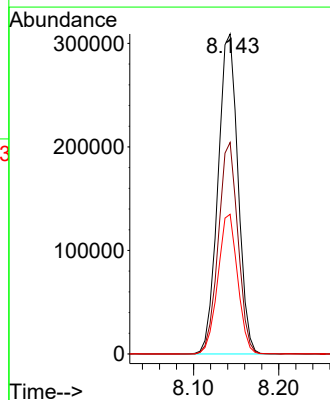
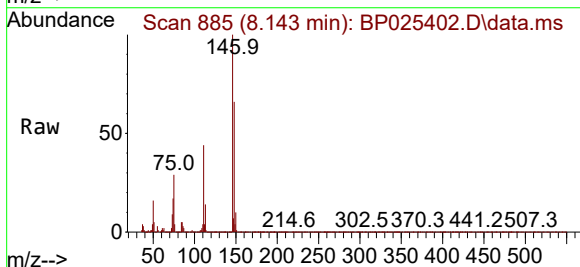
Tgt Ion:146 Resp: 502978

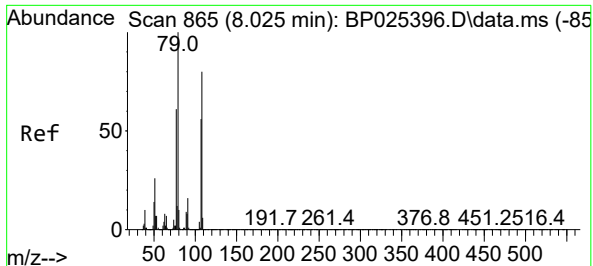
Ion Ratio Lower Upper

146 100

148 66.1 50.4 75.6

111 43.6 34.5 51.7





#15

Benzyl Alcohol

Concen: 46.649 ng

RT: 8.025 min Scan# 80

Delta R.T. 0.000 min

Lab File: BP025402.D

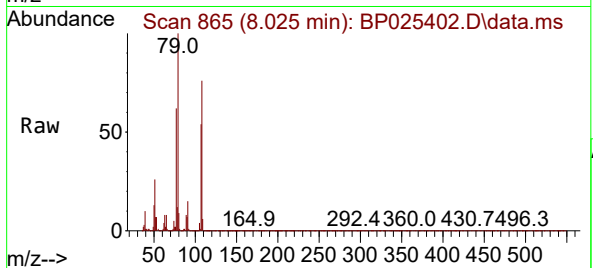
Acq: 14 Aug 2025 20:10

Instrument :

BNA_P

ClientSampleId :

PB169210BS



Tgt Ion: 79 Resp: 446560

Ion Ratio Lower Upper

79 100

108 76.5 63.8 95.6

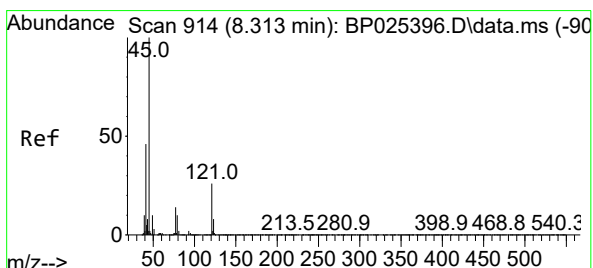
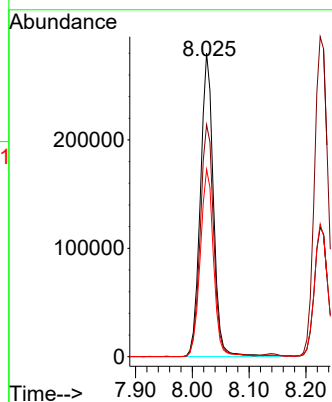
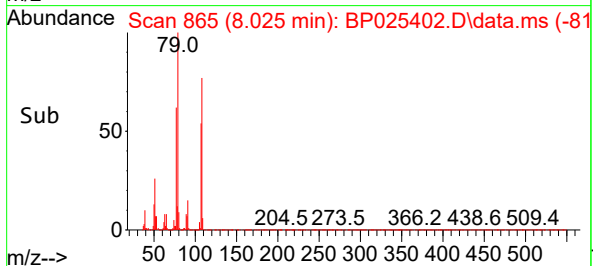
77 61.7 49.0 73.4

Manual Integrations

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Supervised By :Jagrut Upadhyay 08/15/2025



#16

2,2'-oxybis(1-Chloropropane)

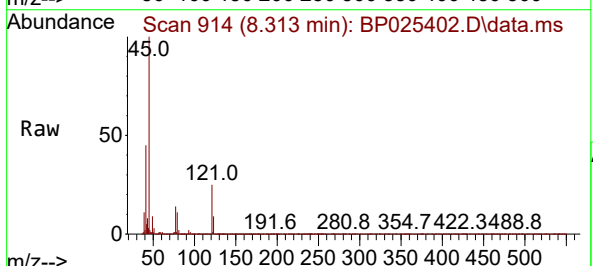
Concen: 43.968 ng

RT: 8.313 min Scan# 914

Delta R.T. 0.000 min

Lab File: BP025402.D

Acq: 14 Aug 2025 20:10



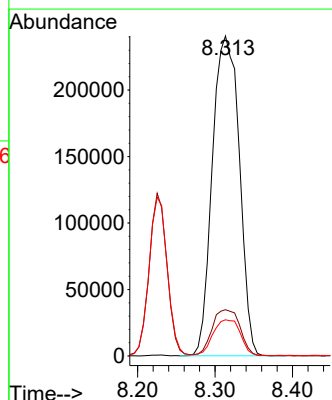
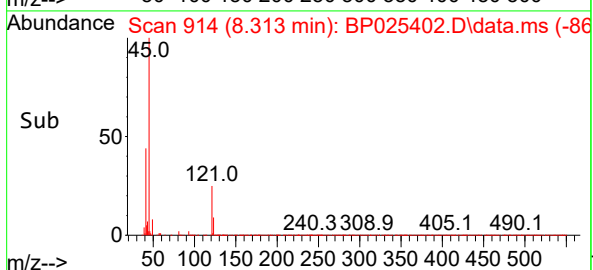
Tgt Ion: 45 Resp: 580366

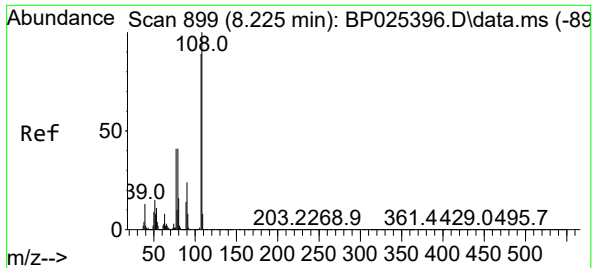
Ion Ratio Lower Upper

45 100

77 14.5 0.0 35.3

79 11.3 0.0 31.8





#17

2-Methylphenol

Concen: 49.640 ng

RT: 8.225 min Scan# 899

Delta R.T. 0.000 min

Lab File: BP025402.D

Acq: 14 Aug 2025 20:10

Instrument :

BNA_P

ClientSampleId :

PB169210BS

Tgt Ion:107 Resp: 43585

Ion Ratio Lower Upper

107 100

108 111.1 89.4 134.0

77 46.1 36.3 54.5

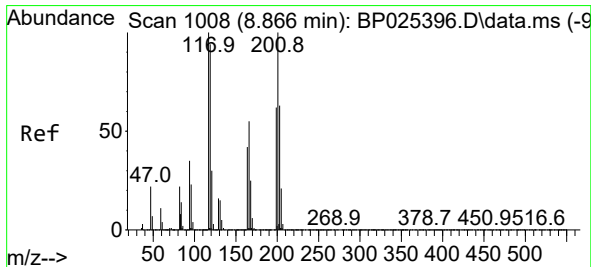
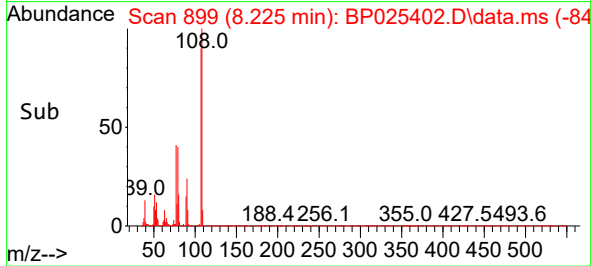
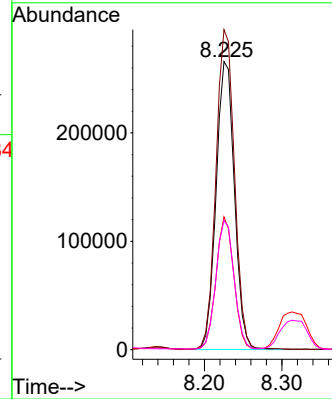
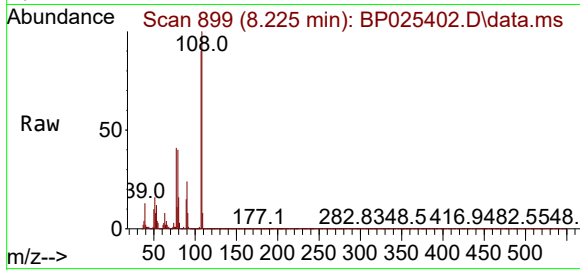
79 44.9 36.6 54.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#18

Hexachloroethane

Concen: 43.879 ng

RT: 8.866 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BP025402.D

Acq: 14 Aug 2025 20:10

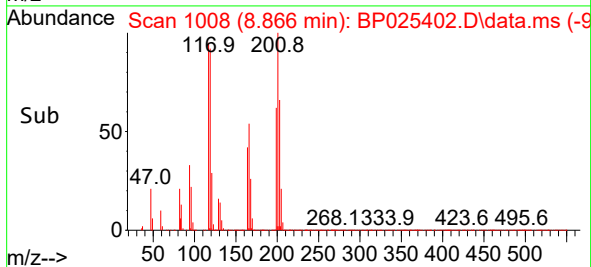
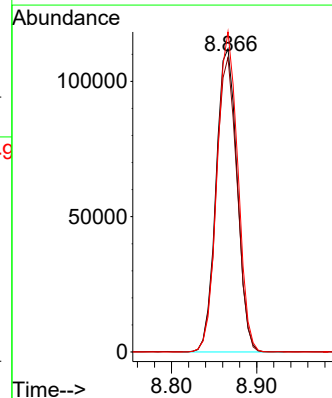
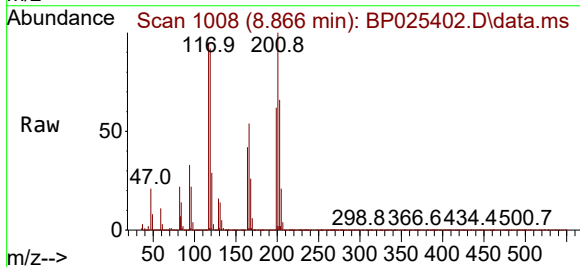
Tgt Ion:117 Resp: 192819

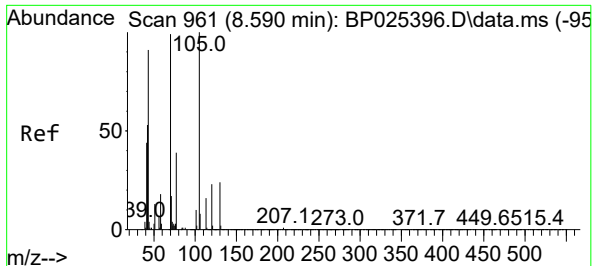
Ion Ratio Lower Upper

117 100

119 97.1 75.1 112.7

201 105.6 80.1 120.1





#19

n-Nitroso-di-n-propylamine

Concen: 43.755 ng

RT: 8.584 min Scan# 961

Delta R.T. -0.006 min

Lab File: BP025402.D

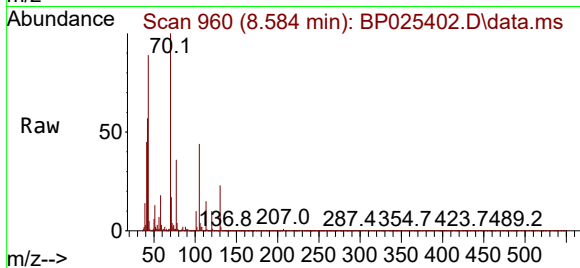
Acq: 14 Aug 2025 20:10

Instrument :

BNA_P

ClientSampleId :

PB169210BS



Tgt Ion: 70 Resp: 349179

Ion Ratio Lower Upper

70 100

42 56.6 43.8 65.6

101 10.1 8.5 12.7

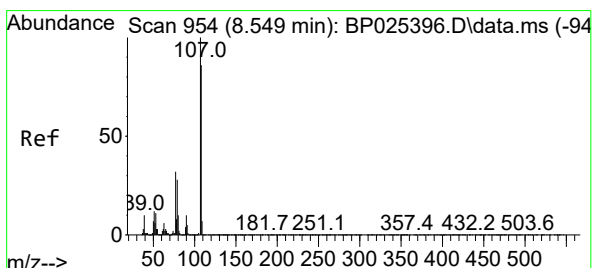
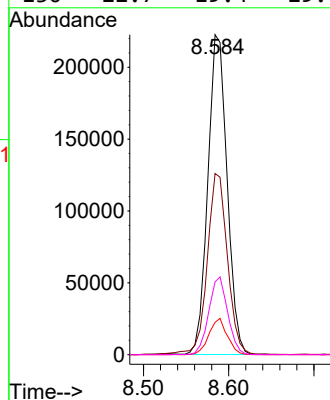
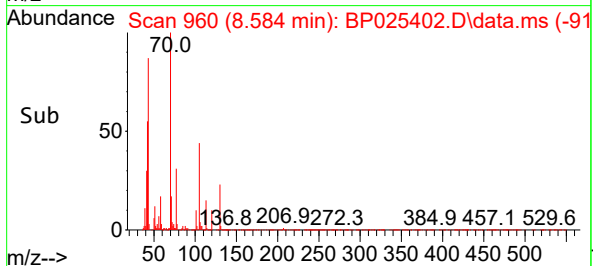
130 22.7 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#20

3+4-Methylphenols

Concen: 49.463 ng

RT: 8.549 min Scan# 954

Delta R.T. 0.000 min

Lab File: BP025402.D

Acq: 14 Aug 2025 20:10

Tgt Ion:107 Resp: 601995

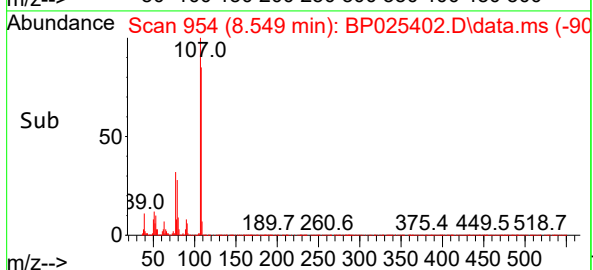
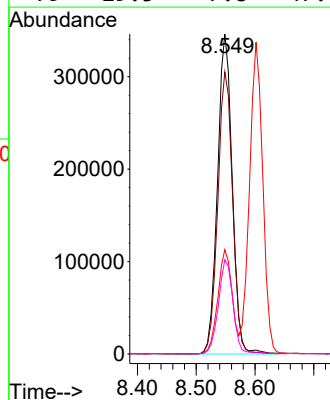
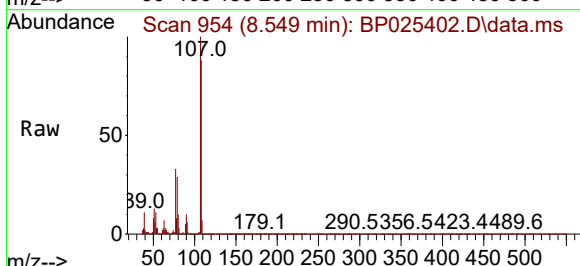
Ion Ratio Lower Upper

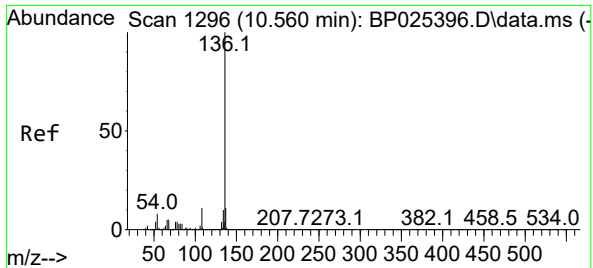
107 100

108 88.2 66.3 106.3

77 32.6 12.3 52.3

79 29.5 7.8 47.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.560 min Scan# 1296

Delta R.T. 0.000 min

Lab File: BP025402.D

Acq: 14 Aug 2025 20:10

Instrument :

BNA_P

ClientSampleId :

PB169210BS

Tgt Ion:136 Resp: 650560

Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 7.8 6.0 9.0

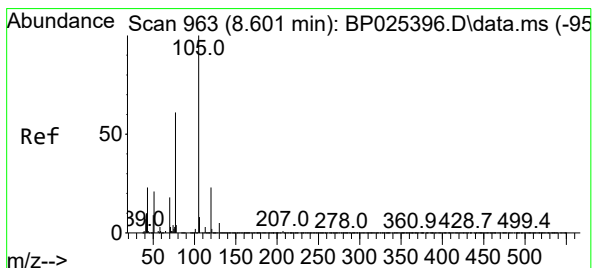
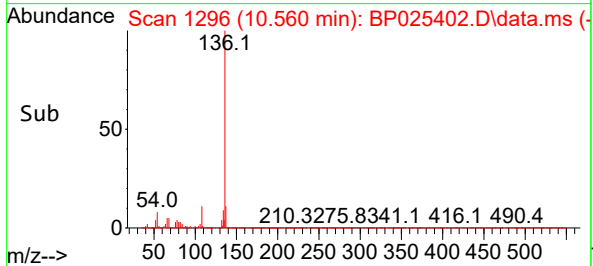
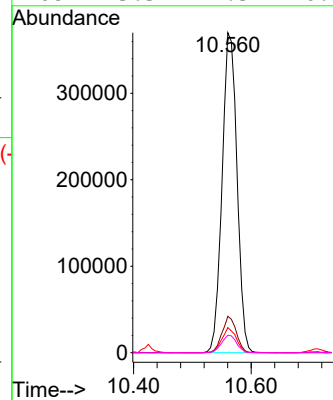
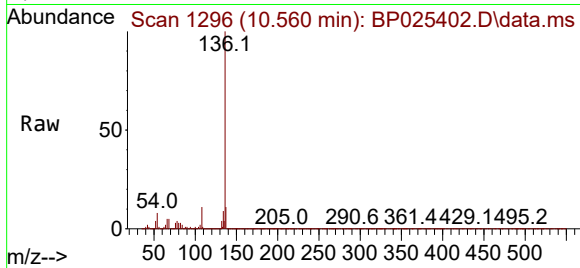
68 5.5 4.3 6.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#22

Acetophenone

Concen: 43.852 ng

RT: 8.602 min Scan# 963

Delta R.T. 0.000 min

Lab File: BP025402.D

Acq: 14 Aug 2025 20:10

Tgt Ion:105 Resp: 715431

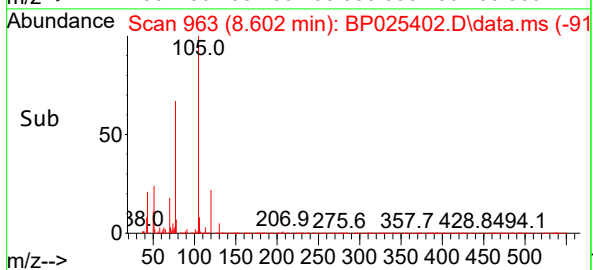
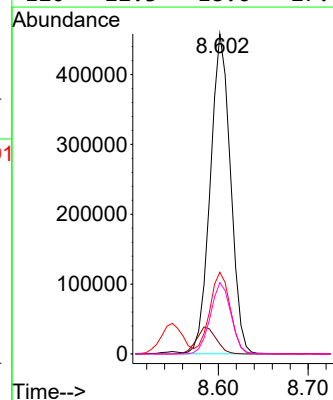
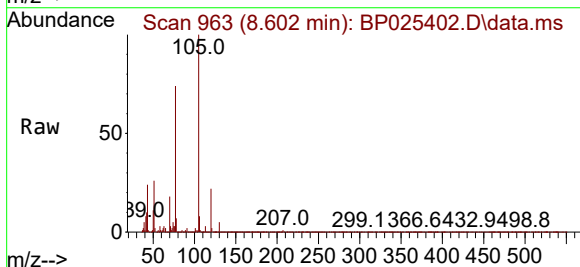
Ion Ratio Lower Upper

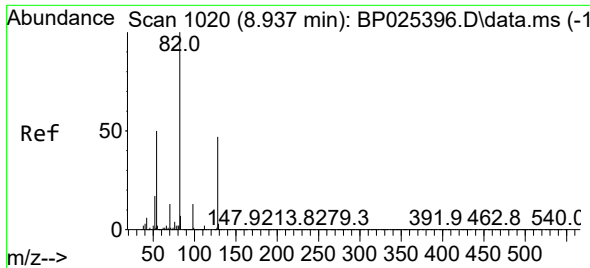
105 100

71 3.1 2.6 4.0

51 25.5 20.6 30.8

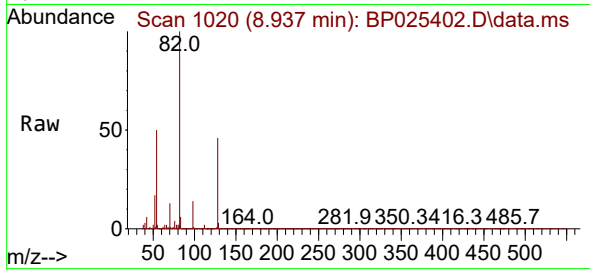
120 22.3 18.6 27.8





#23
Nitrobenzene-d5
Concen: 79.558 ng
RT: 8.937 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

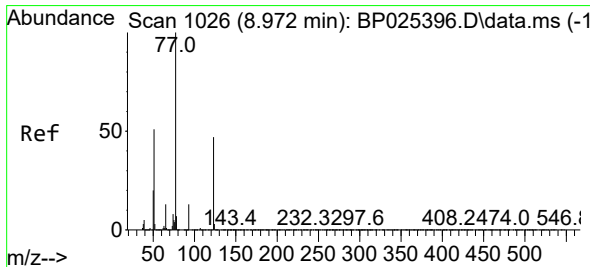
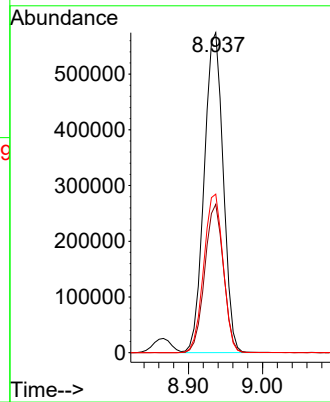
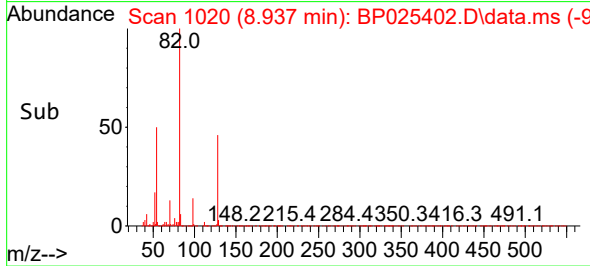
Instrument :
BNA_P
ClientSampleId :
PB169210BS



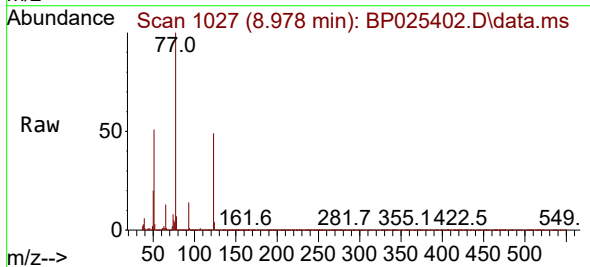
Tgt Ion: 82 Resp: 1023164
Ion Ratio Lower Upper
82 100
128 46.3 37.7 56.5
54 49.6 39.8 59.6

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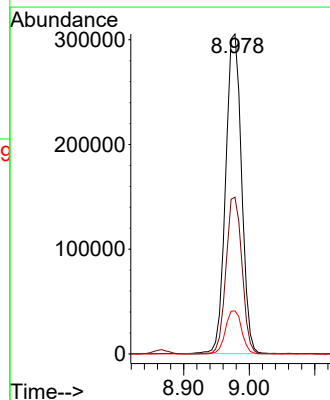
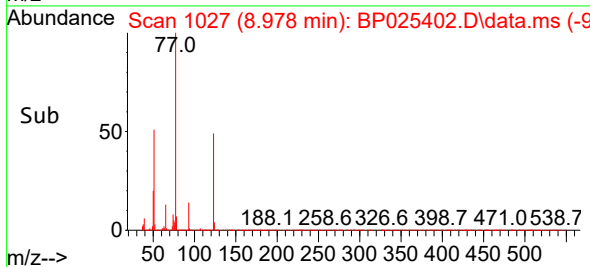
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

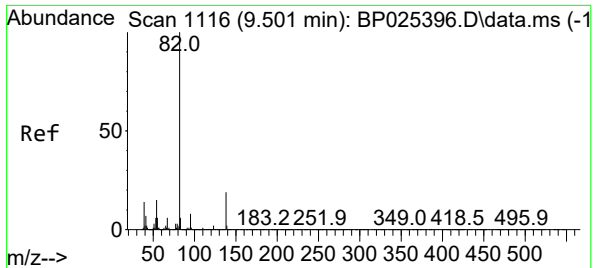


#24
Nitrobenzene
Concen: 44.618 ng
RT: 8.978 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10



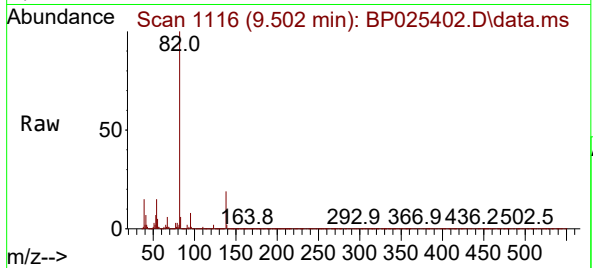
Tgt Ion: 77 Resp: 512825
Ion Ratio Lower Upper
77 100
123 49.0 38.6 58.0
65 13.5 10.6 15.8





#25
Isophorone
Concen: 44.092 ng
RT: 9.502 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

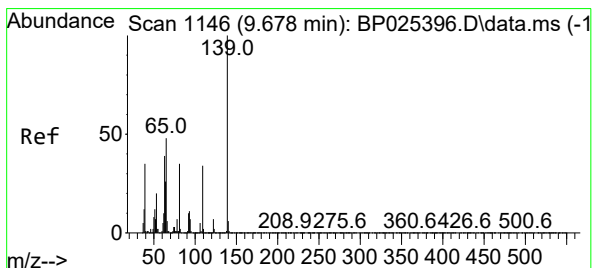
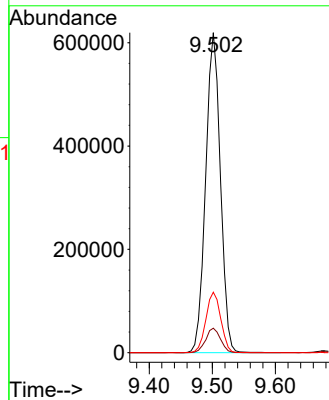
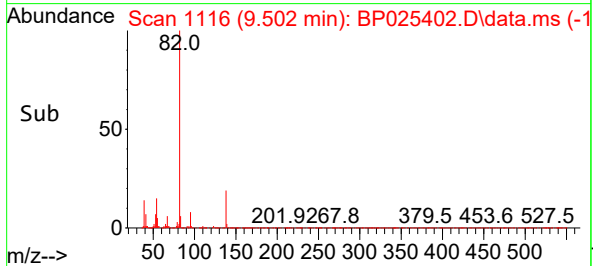
Instrument :
BNA_P
ClientSampleId :
PB169210BS



Tgt Ion: 82 Resp: 100354
Ion Ratio Lower Upper
82 100
95 7.7 6.4 9.6
138 18.9 15.4 23.0

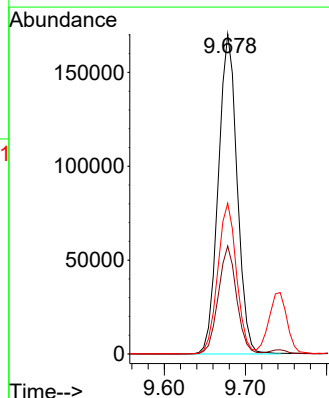
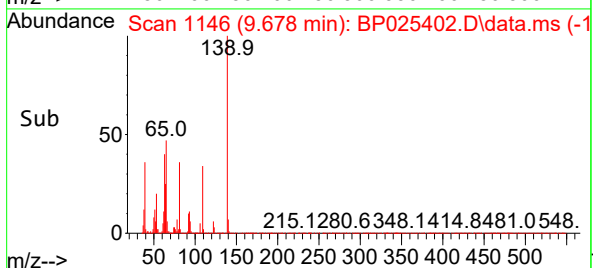
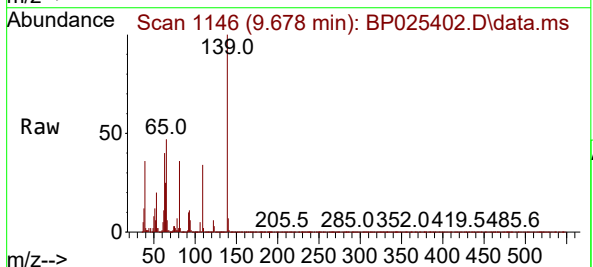
Manual Integrations
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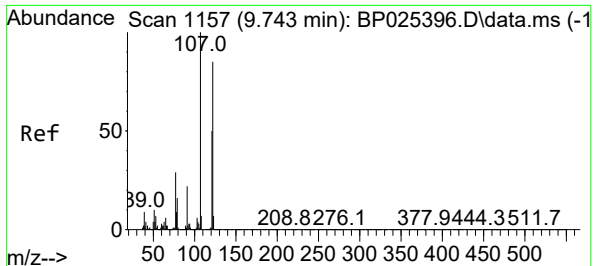
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#26
2-Nitrophenol
Concen: 46.556 ng
RT: 9.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

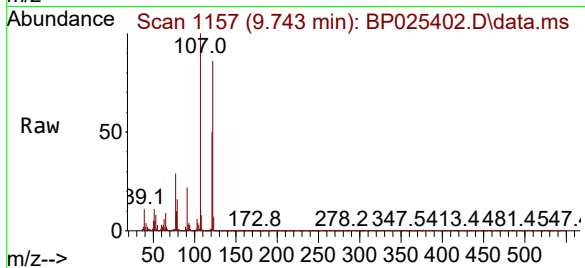
Tgt Ion:139 Resp: 274616
Ion Ratio Lower Upper
139 100
109 33.7 26.9 40.3
65 47.1 38.3 57.5





#27
2,4-Dimethylphenol
Concen: 49.547 ng
RT: 9.743 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

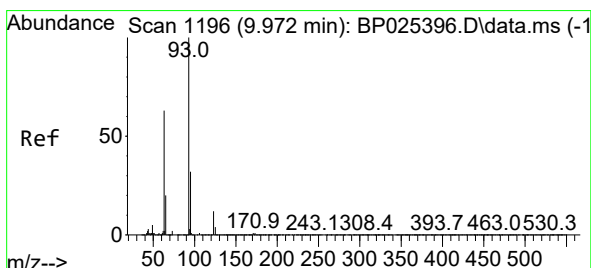
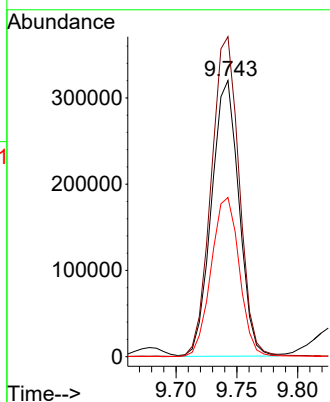
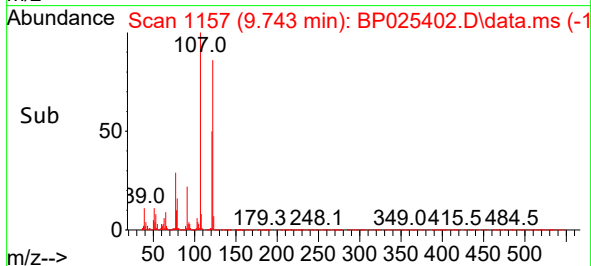
Instrument :
BNA_P
ClientSampleId :
PB169210BS



Tgt Ion: 122 Resp: 50260
Ion Ratio Lower Upper
122 100
107 115.8 93.7 140.5
121 57.7 46.6 69.8

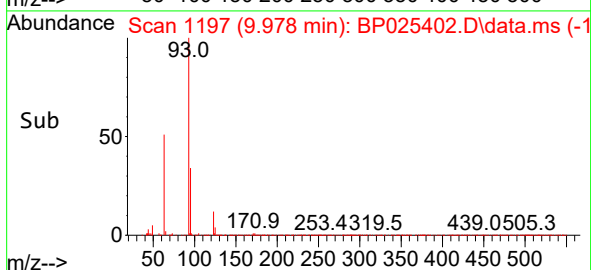
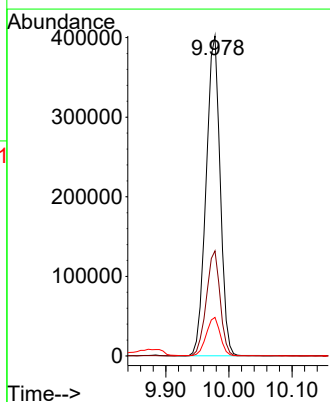
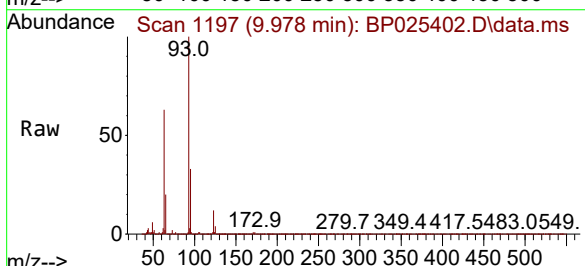
Manual Integrations
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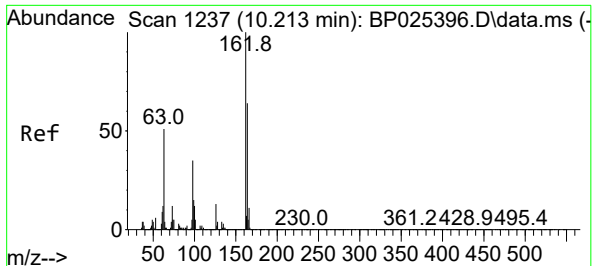
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#28
bis(2-Chloroethoxy)methane
Concen: 45.252 ng
RT: 9.978 min Scan# 1197
Delta R.T. 0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

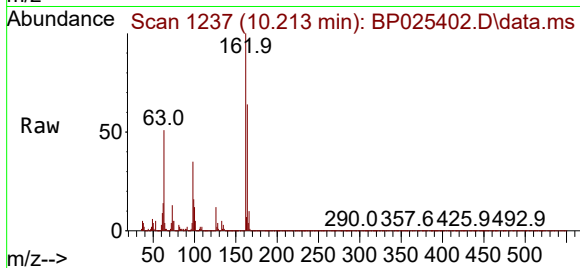
Tgt Ion: 93 Resp: 622573
Ion Ratio Lower Upper
93 100
95 32.9 25.4 38.0
123 12.1 9.4 14.0





#29
2,4-Dichlorophenol
Concen: 50.213 ng
RT: 10.213 min Scan# 1237
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

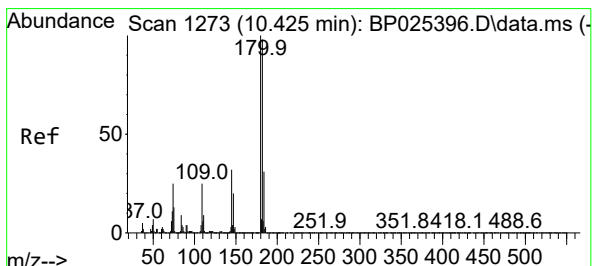
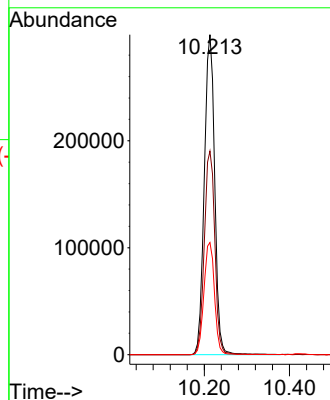
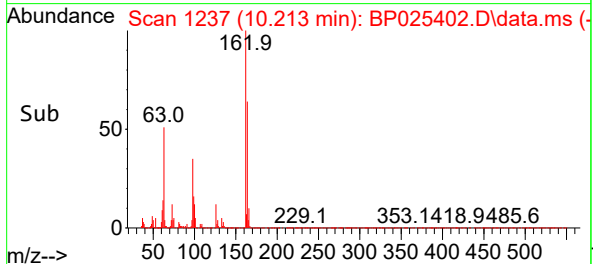
Instrument :
BNA_P
ClientSampleId :
PB169210BS



Tgt Ion:162 Resp: 505992
Ion Ratio Lower Upper
162 100
164 63.6 44.4 84.4
98 35.0 14.9 54.9

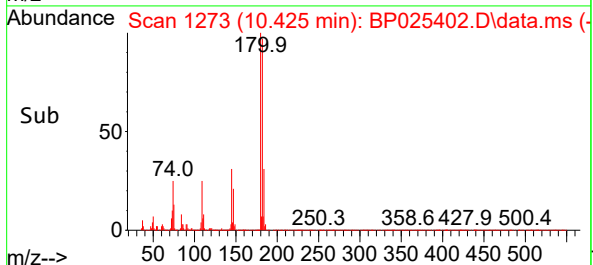
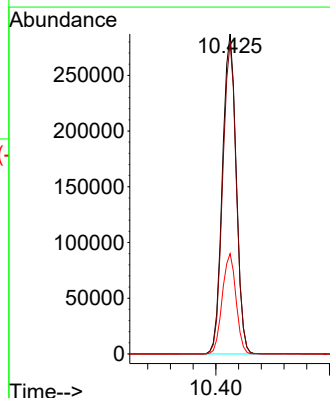
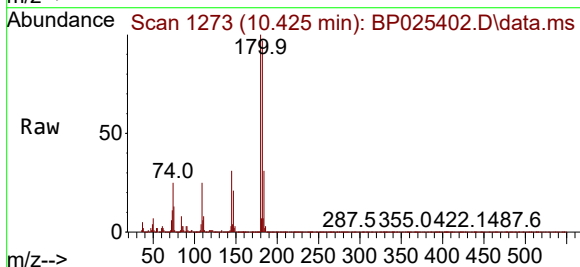
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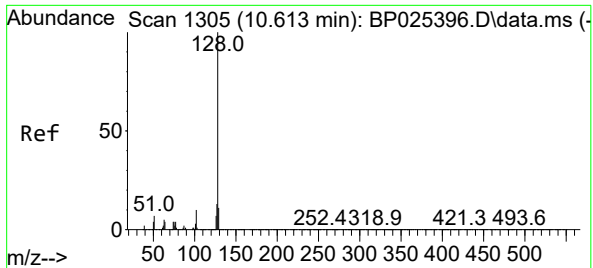
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#30
1,2,4-Trichlorobenzene
Concen: 43.881 ng
RT: 10.425 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

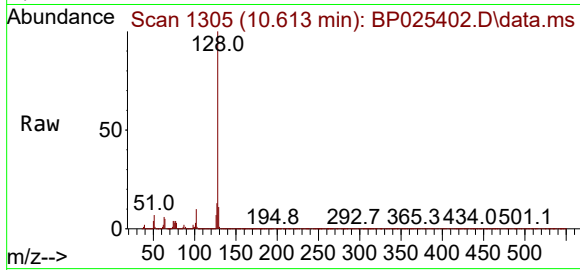
Tgt Ion:180 Resp: 484724
Ion Ratio Lower Upper
180 100
182 97.4 78.0 117.0
145 31.4 25.9 38.9





#31
Naphthalene
Concen: 44.521 ng
RT: 10.613 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

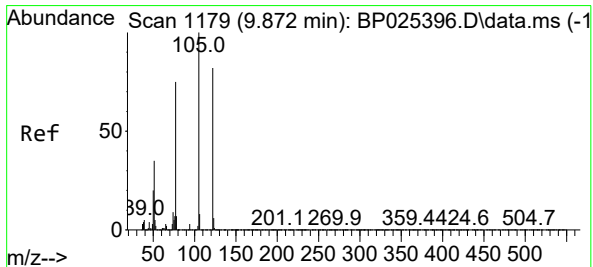
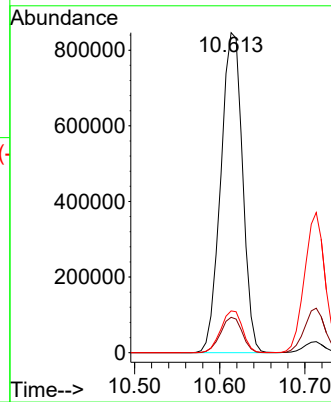
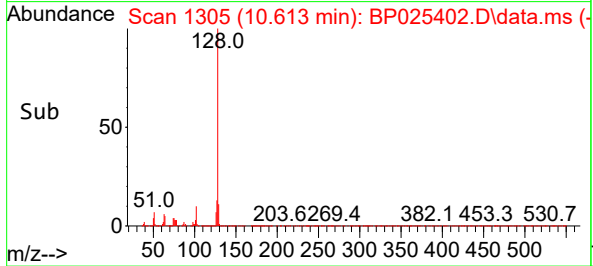
Instrument :
BNA_P
ClientSampleId :
PB169210BS



Tgt Ion:128 Resp: 1505392
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.1 10.7 16.1

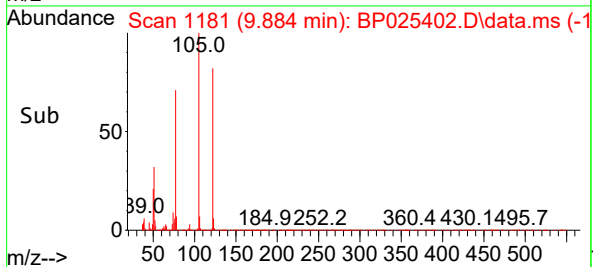
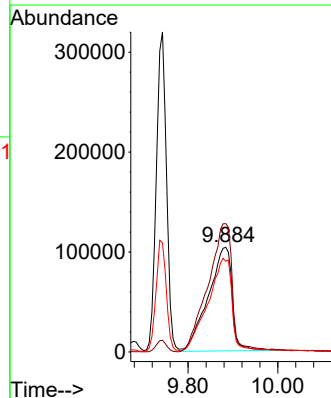
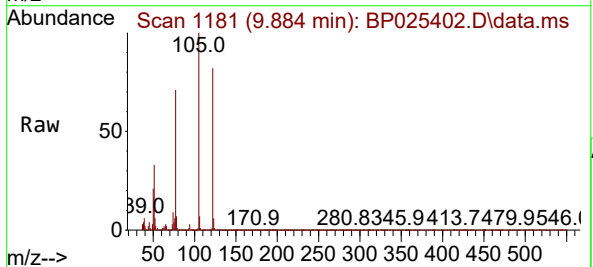
Manual Integrations
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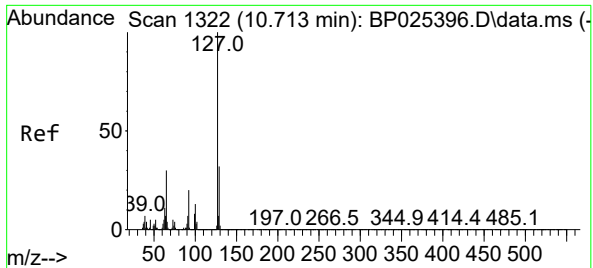
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#32
Benzoic acid
Concen: 51.155 ng
RT: 9.884 min Scan# 1181
Delta R.T. 0.012 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

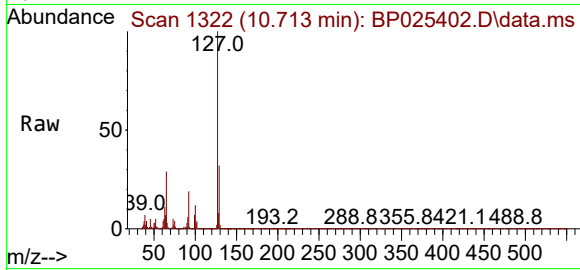
Tgt Ion:122 Resp: 383103
Ion Ratio Lower Upper
122 100
105 122.6 100.6 140.6
77 86.7 71.5 111.5





#33
4-Chloroaniline
Concen: 41.794 ng
RT: 10.713 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

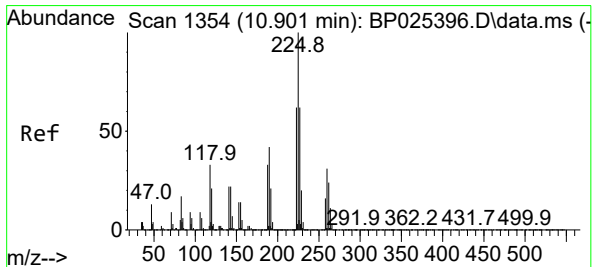
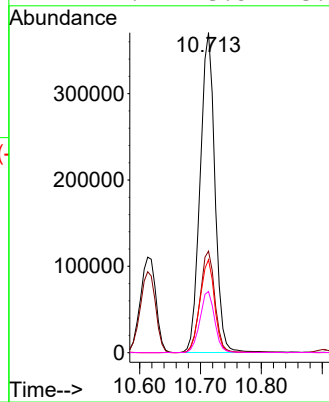
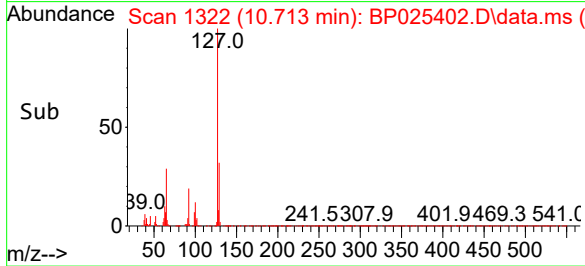
Instrument :
BNA_P
ClientSampleId :
PB169210BS



Tgt Ion:127 Resp: 624230
Ion Ratio Lower Upper
127 100
129 31.7 25.4 38.2
65 29.1 23.8 35.6
92 19.1 15.8 23.8

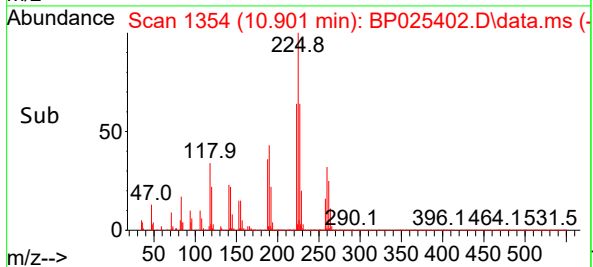
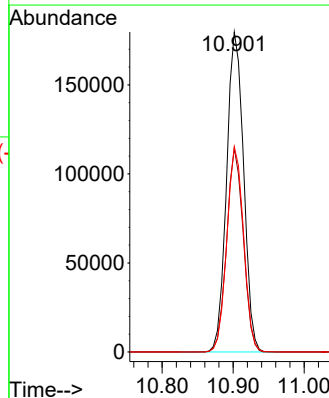
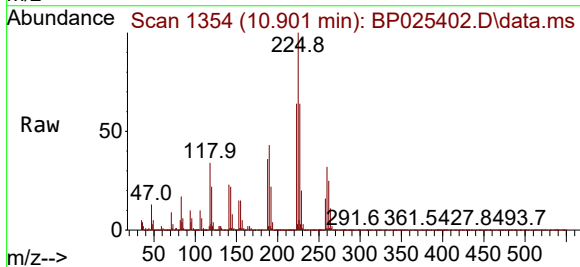
Manual Integrations
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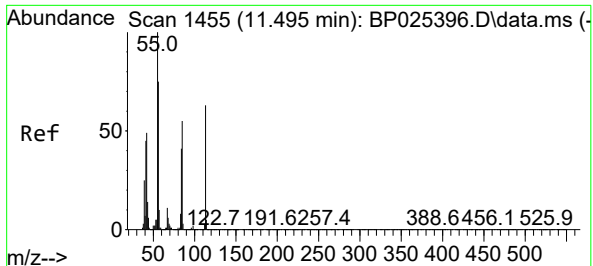
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#34
Hexachlorobutadiene
Concen: 43.323 ng
RT: 10.901 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

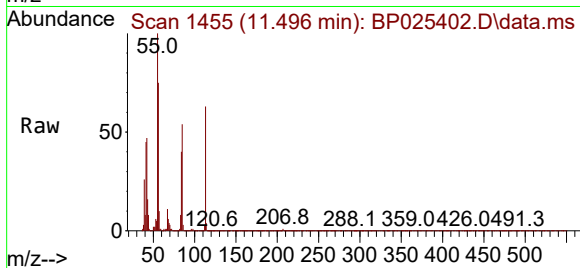
Tgt Ion:225 Resp: 298042
Ion Ratio Lower Upper
225 100
223 63.7 50.0 75.0
227 64.1 49.7 74.5





#35
Caprolactam
Concen: 49.139 ng
RT: 11.496 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

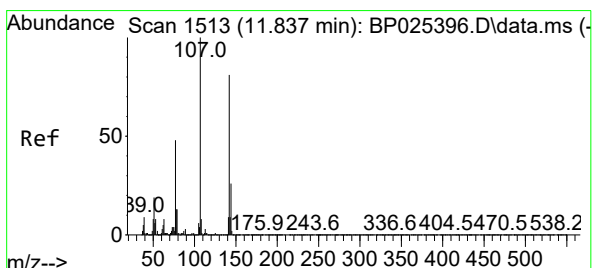
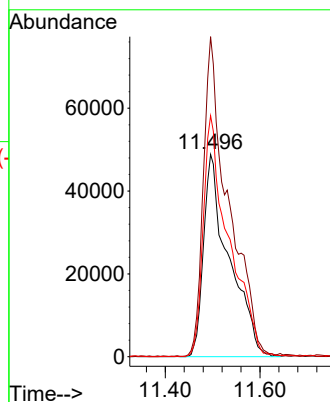
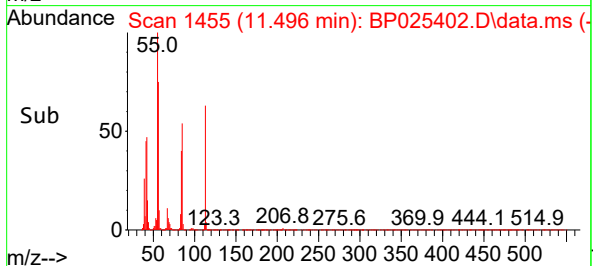
Instrument :
BNA_P
ClientSampleId :
PB169210BS



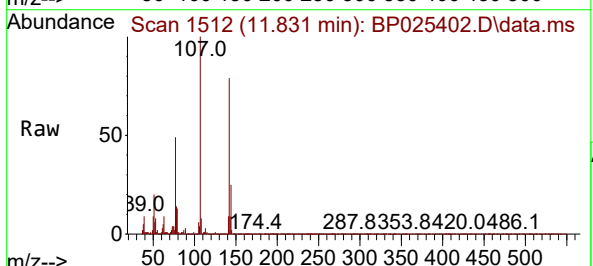
Tgt Ion:113 Resp: 181569
Ion Ratio Lower Upper
113 100
55 158.2 140.0 180.0
56 119.2 100.0 140.0

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APPROVED

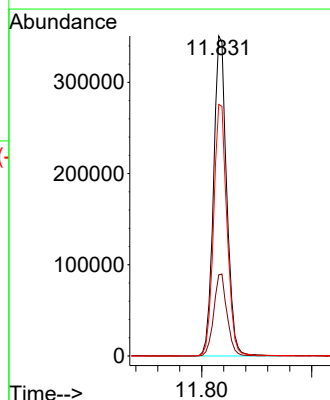
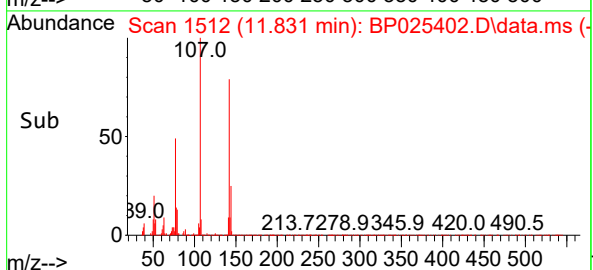
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

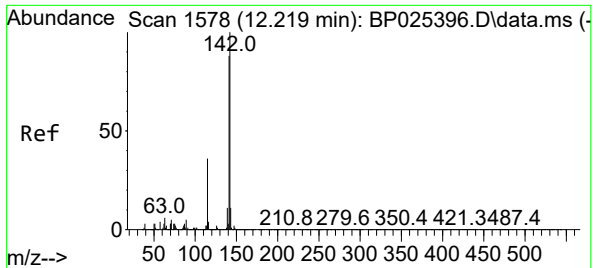


#36
4-Chloro-3-methylphenol
Concen: 50.394 ng
RT: 11.831 min Scan# 1512
Delta R.T. -0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10



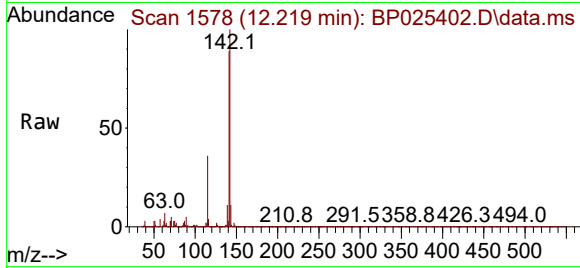
Tgt Ion:107 Resp: 582706
Ion Ratio Lower Upper
107 100
144 25.4 21.0 31.4
142 78.6 64.6 97.0





#37
2-Methylnaphthalene
Concen: 45.639 ng
RT: 12.219 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

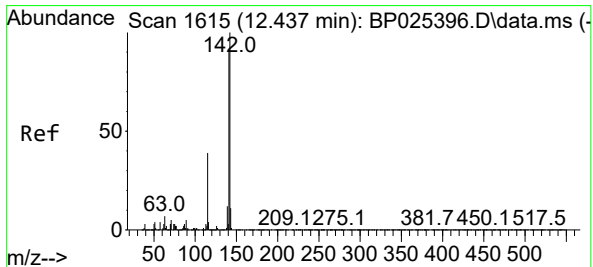
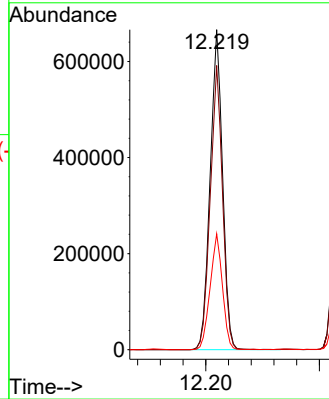
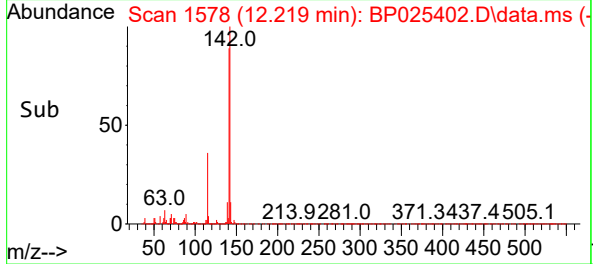
Instrument :
BNA_P
ClientSampleId :
PB169210BS



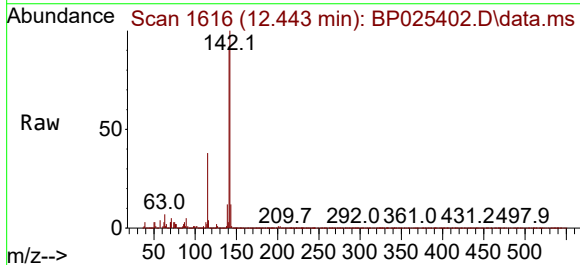
Tgt Ion:142 Resp: 100426
Ion Ratio Lower Upper
142 100
141 88.8 70.3 105.5
115 36.2 28.9 43.3

Manual Integrations
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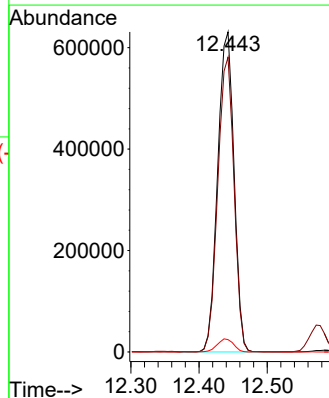
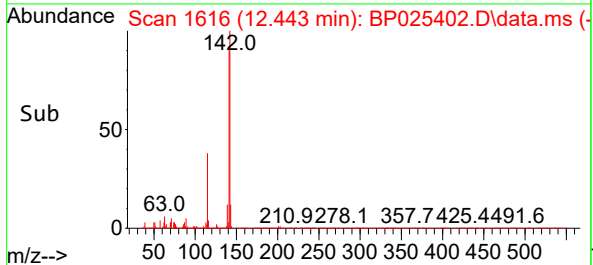
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

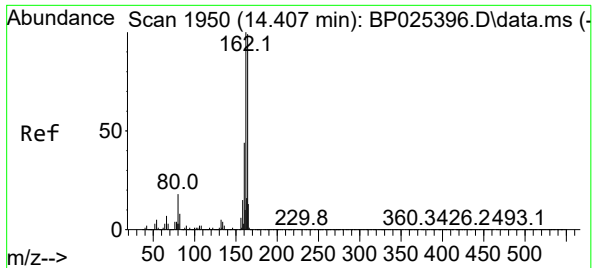


#38
1-Methylnaphthalene
Concen: 44.929 ng
RT: 12.443 min Scan# 1616
Delta R.T. 0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10



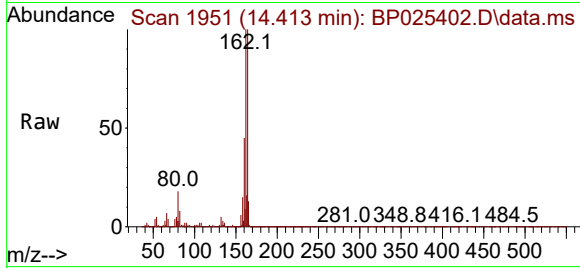
Tgt Ion:142 Resp: 1051392
Ion Ratio Lower Upper
142 100
141 92.1 73.1 109.7
116 3.9 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.413 min Scan# 1951
Delta R.T. 0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

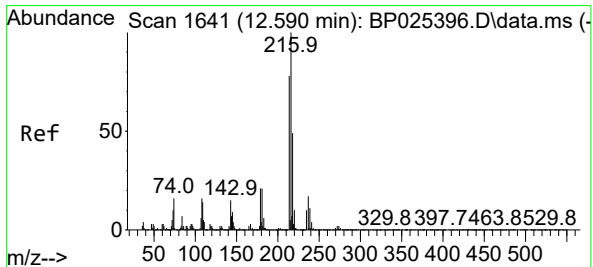
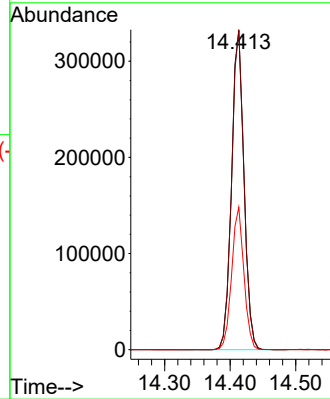
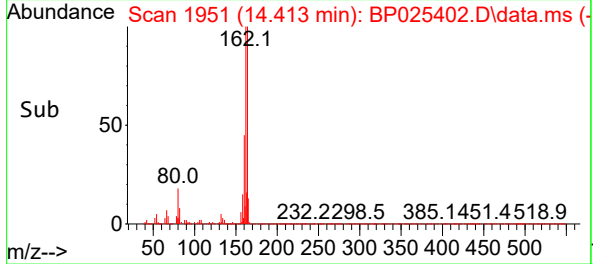
Instrument :
BNA_P
ClientSampleId :
PB169210BS



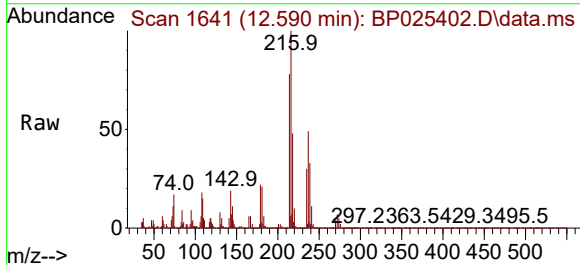
Tgt Ion:164 Resp: 435539
Ion Ratio Lower Upper
164 100
162 100.3 81.0 121.6
160 44.7 35.4 53.2

Manual Integrations
APPROVED

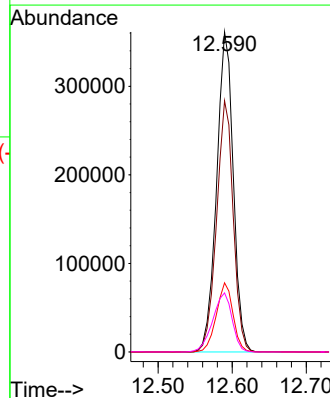
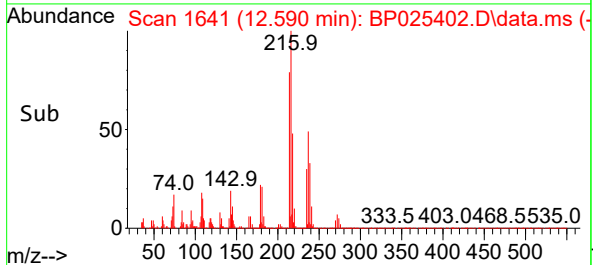
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

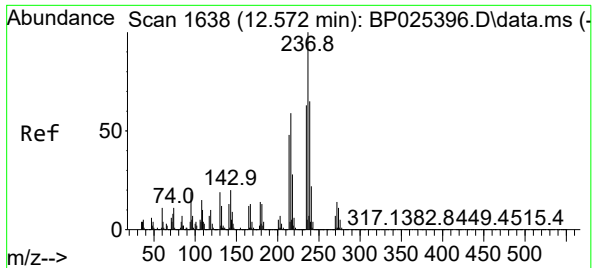


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.845 ng
RT: 12.590 min Scan# 1641
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10



Tgt Ion:216 Resp: 564099
Ion Ratio Lower Upper
216 100
214 78.3 63.0 94.4
179 21.7 17.1 25.7
108 21.4 14.9 22.3





#41

Hexachlorocyclopentadiene

Concen: 94.317 ng

RT: 12.578 min Scan# 1639

Delta R.T. 0.006 min

Lab File: BP025402.D

Acq: 14 Aug 2025 20:10

Instrument :

BNA_P

ClientSampleId :

PB169210BS

Tgt Ion:237 Resp: 71663

Ion Ratio Lower Upper

237 100

235 63.1 42.7 82.7

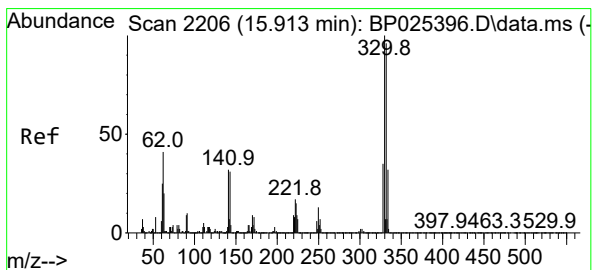
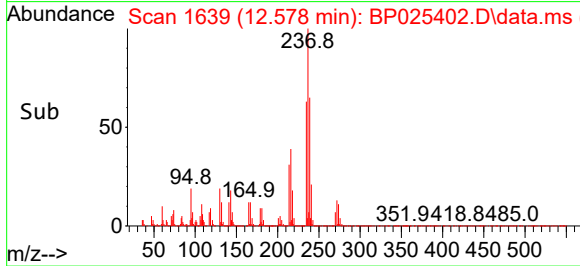
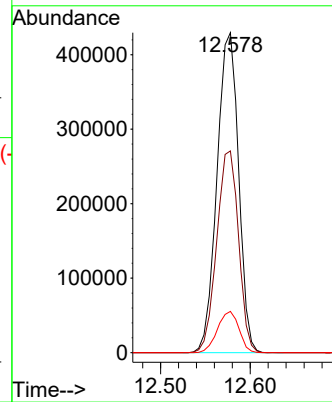
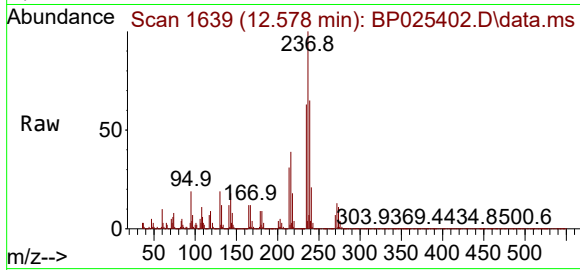
272 12.9 0.0 34.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#42

2,4,6-Tribromophenol

Concen: 137.743 ng

RT: 15.919 min Scan# 2207

Delta R.T. 0.006 min

Lab File: BP025402.D

Acq: 14 Aug 2025 20:10

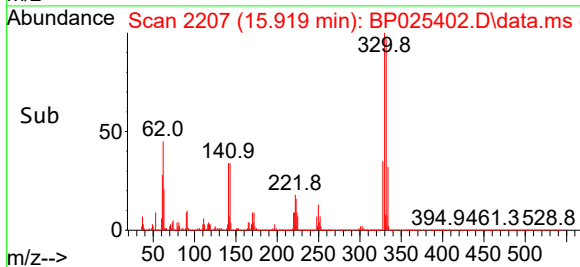
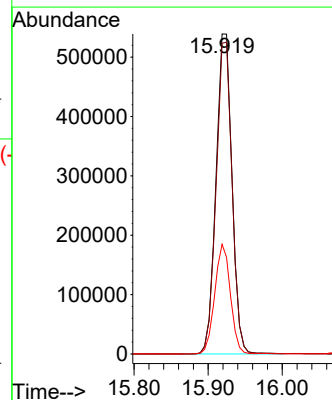
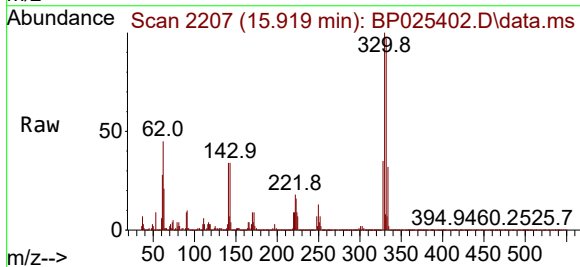
Tgt Ion:330 Resp: 807504

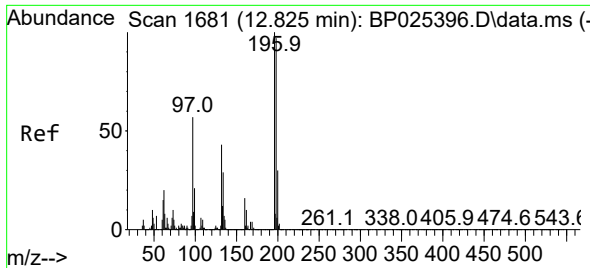
Ion Ratio Lower Upper

330 100

332 97.0 77.3 115.9

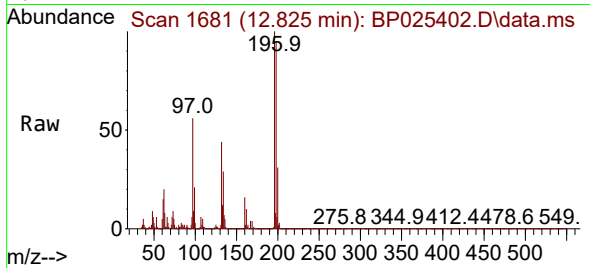
141 33.6 26.6 39.8





#43
2,4,6-Trichlorophenol
Concen: 49.564 ng
RT: 12.825 min Scan# 1681
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

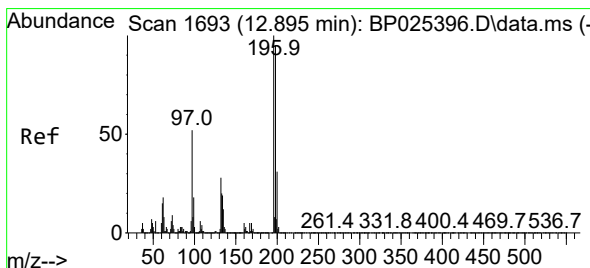
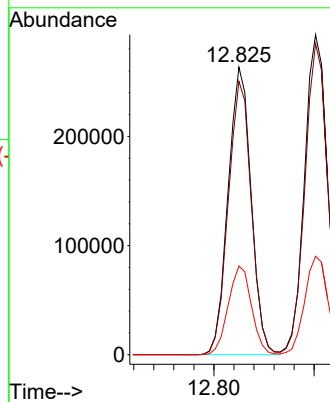
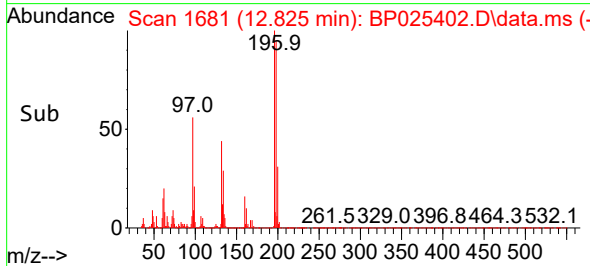
Instrument :
BNA_P
ClientSampleId :
PB169210BS



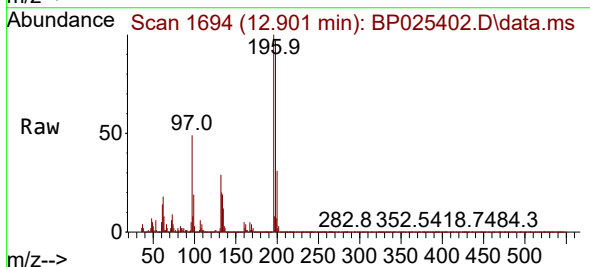
Tgt Ion:196 Resp: 42090
Ion Ratio Lower Upper
196 100
198 95.0 77.2 115.8
200 30.8 23.9 35.9

Manual Integrations
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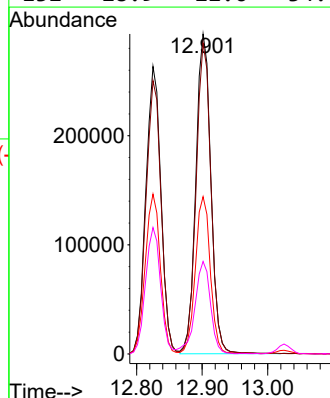
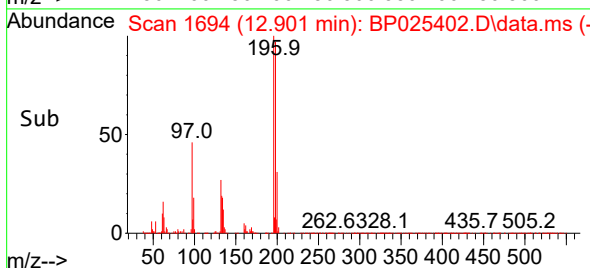
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

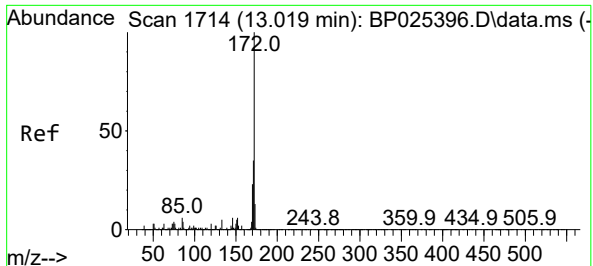


#44
2,4,5-Trichlorophenol
Concen: 50.356 ng
RT: 12.901 min Scan# 1694
Delta R.T. 0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10



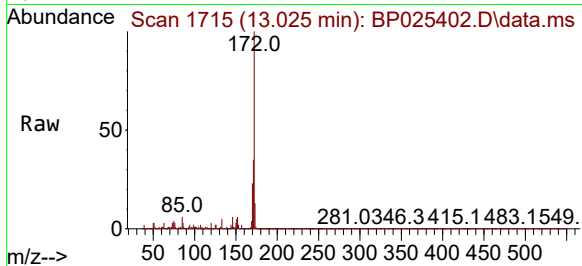
Tgt Ion:196 Resp: 468666
Ion Ratio Lower Upper
196 100
198 97.2 76.2 114.2
97 49.1 41.2 61.8
132 28.9 22.6 34.0





#45
2-Fluorobiphenyl
Concen: 79.667 ng
RT: 13.025 min Scan# 1715
Delta R.T. 0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

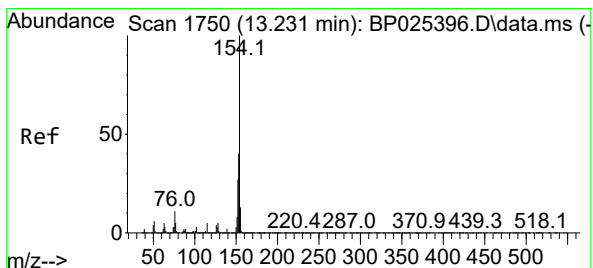
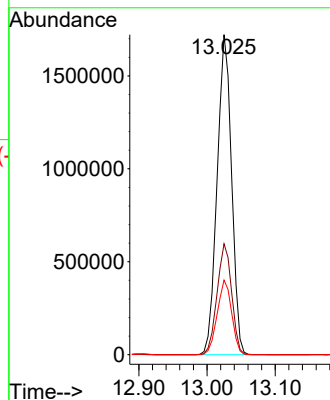
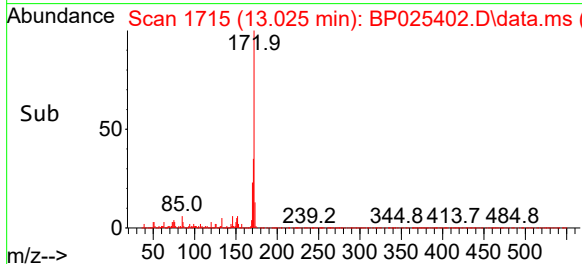
Instrument :
BNA_P
ClientSampleId :
PB169210BS



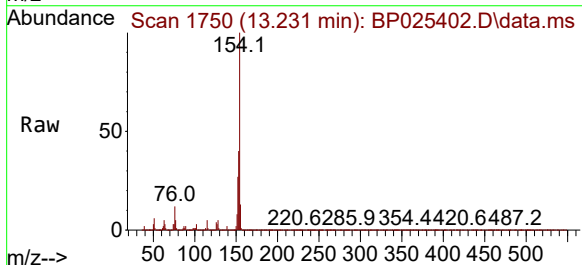
Tgt Ion:172 Resp: 253885
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 23.3 18.6 28.0

Manual Integrations
APPROVED

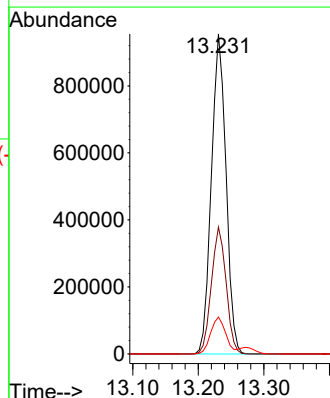
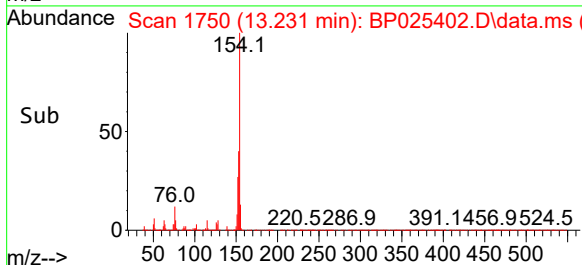
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

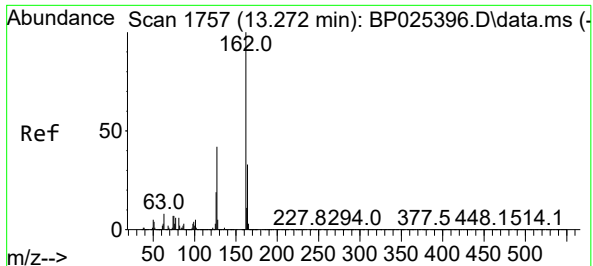


#46
1,1'-Biphenyl
Concen: 46.689 ng
RT: 13.231 min Scan# 1750
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10



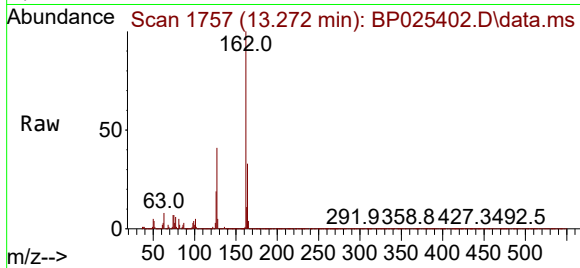
Tgt Ion:154 Resp: 1476847
Ion Ratio Lower Upper
154 100
153 39.7 19.5 59.5
76 11.5 0.0 31.1





#47
2-Chloronaphthalene
Concen: 46.544 ng
RT: 13.272 min Scan# 1757
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

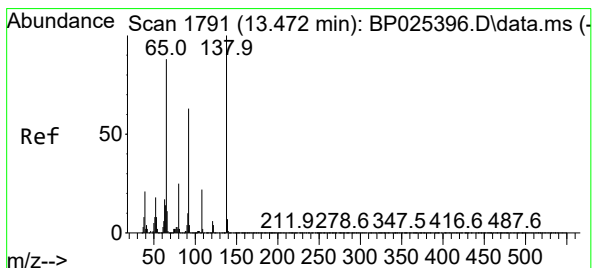
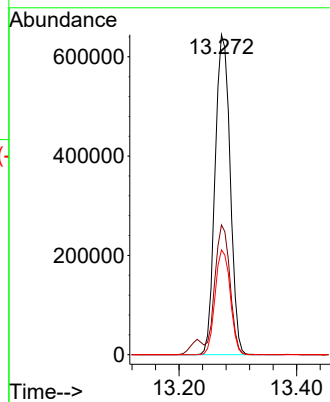
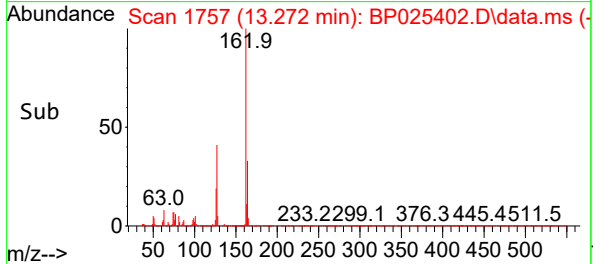
Instrument :
BNA_P
ClientSampleId :
PB169210BS



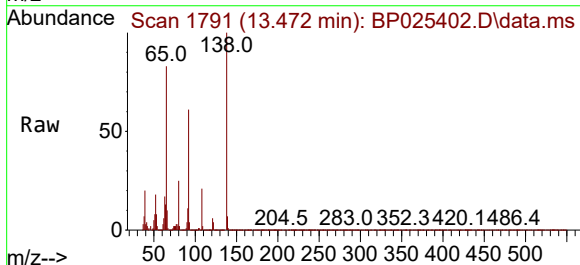
Tgt Ion:162 Resp: 114613
Ion Ratio Lower Upper
162 100
127 40.6 33.4 50.2
164 32.7 26.2 39.2

Manual Integrations
APPROVED

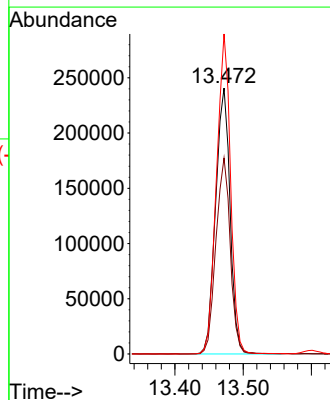
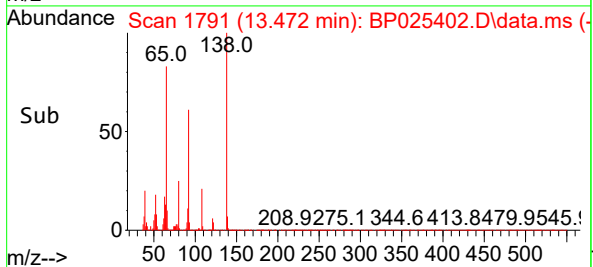
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

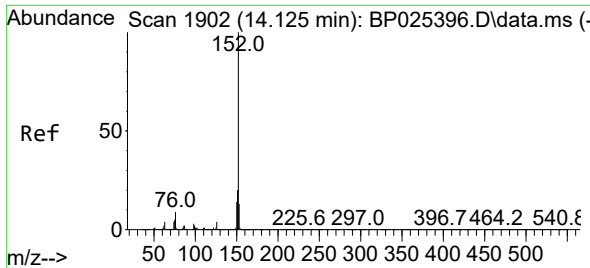


#48
2-Nitroaniline
Concen: 49.489 ng
RT: 13.472 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10



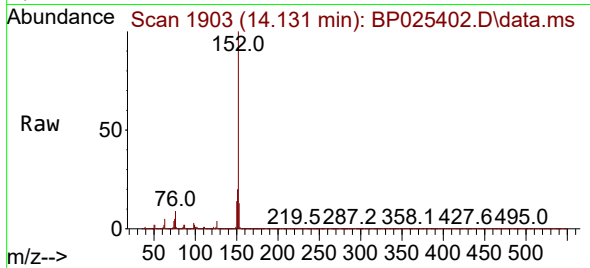
Tgt Ion: 65 Resp: 355089
Ion Ratio Lower Upper
65 100
92 73.7 57.6 86.4
138 120.3 91.0 136.6





#49
Acenaphthylene
Concen: 46.883 ng
RT: 14.131 min Scan# 1903
Delta R.T. 0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

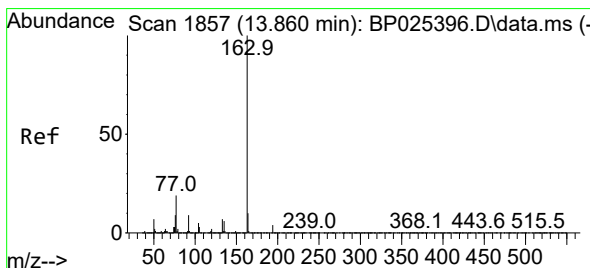
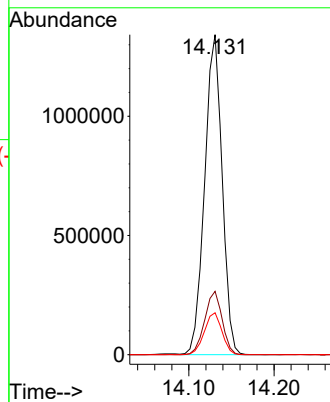
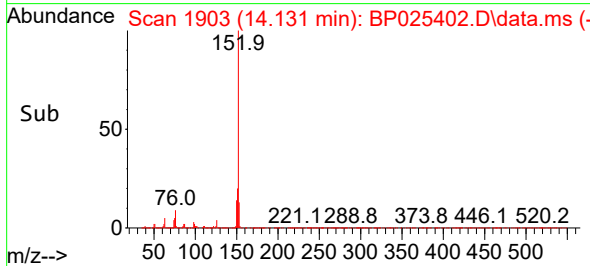
Instrument :
BNA_P
ClientSampleId :
PB169210BS



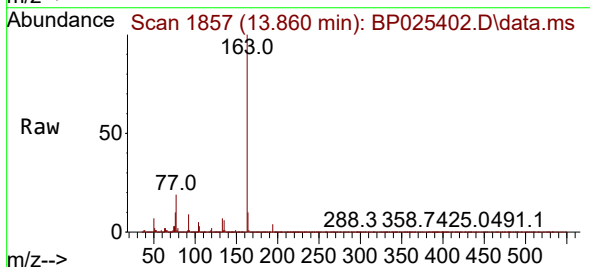
Tgt Ion:152 Resp: 1910320
Ion Ratio Lower Upper
152 100
151 19.8 16.0 24.0
153 13.1 10.6 15.8

Manual Integrations
APPROVED

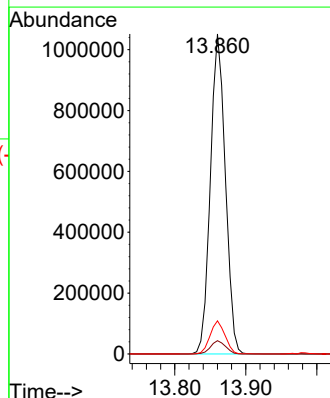
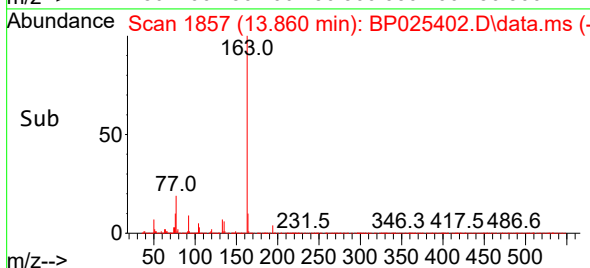
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

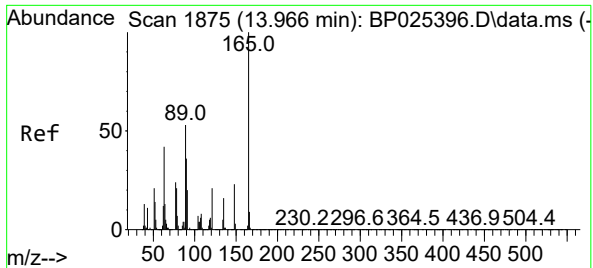


#50
Dimethylphthalate
Concen: 48.314 ng
RT: 13.860 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10



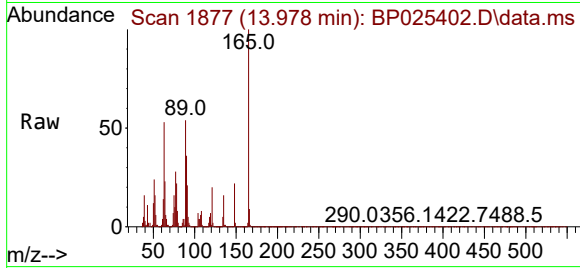
Tgt Ion:163 Resp: 1540919
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.4 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 49.911 ng
RT: 13.978 min Scan# 1875
Delta R.T. 0.012 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

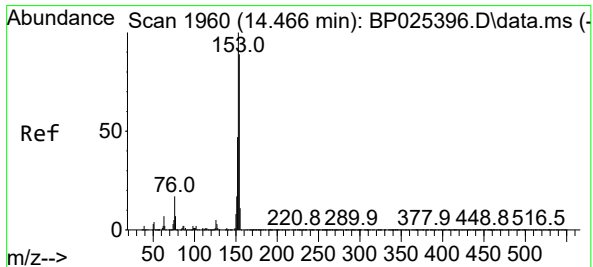
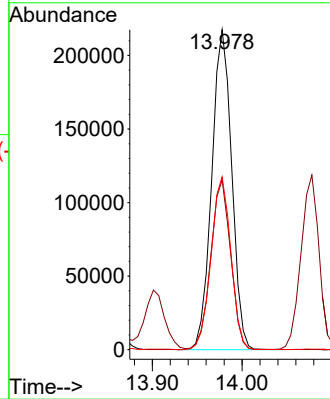
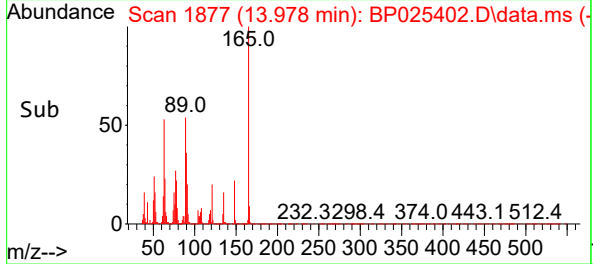
Instrument :
BNA_P
ClientSampleId :
PB169210BS



Tgt Ion:165 Resp: 335519
Ion Ratio Lower Upper
165 100
63 53.0 40.9 61.3
89 54.0 42.1 63.1

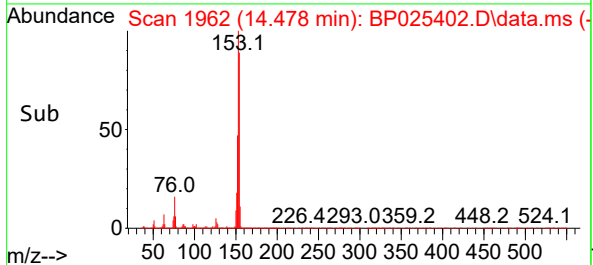
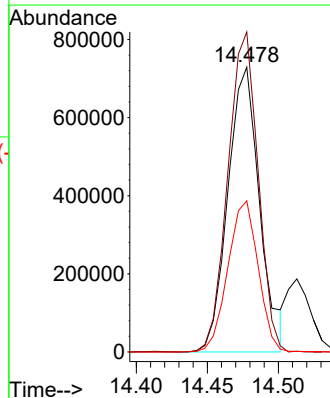
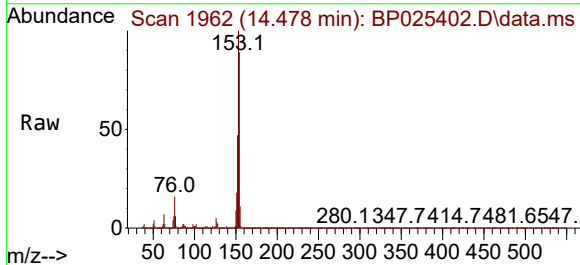
Manual Integrations
APPROVED

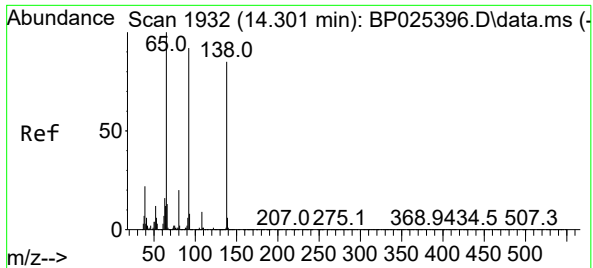
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#52
Acenaphthene
Concen: 47.334 ng
RT: 14.478 min Scan# 1962
Delta R.T. 0.012 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

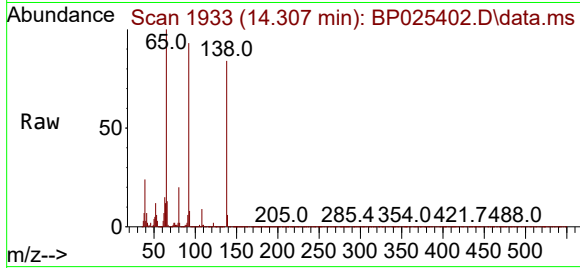
Tgt Ion:154 Resp: 1132105
Ion Ratio Lower Upper
154 100
153 112.4 90.2 135.2
152 53.1 42.1 63.1





#53
3-Nitroaniline
Concen: 43.858 ng
RT: 14.307 min Scan# 1932
Delta R.T. 0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

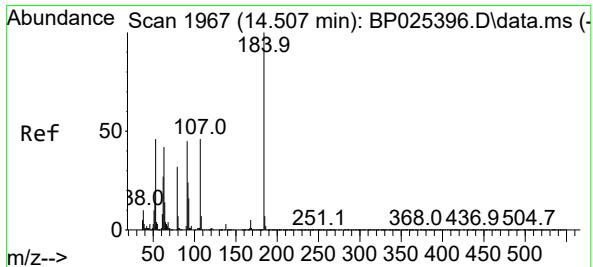
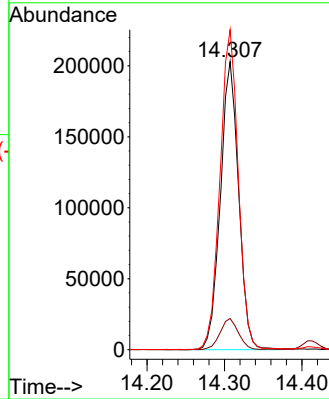
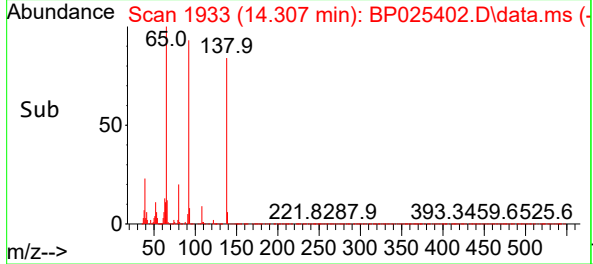
Instrument :
BNA_P
ClientSampleId :
PB169210BS



Tgt Ion:138 Resp: 33171
Ion Ratio Lower Upper
138 100
108 10.9 8.3 12.5
92 111.1 86.2 129.2

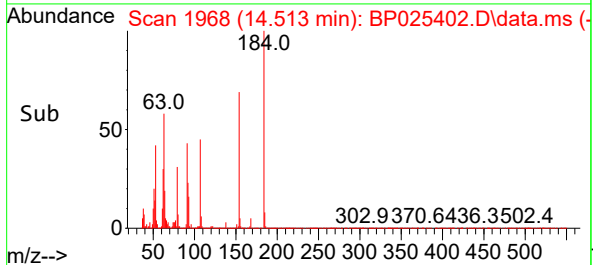
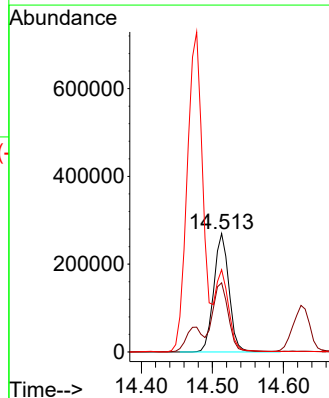
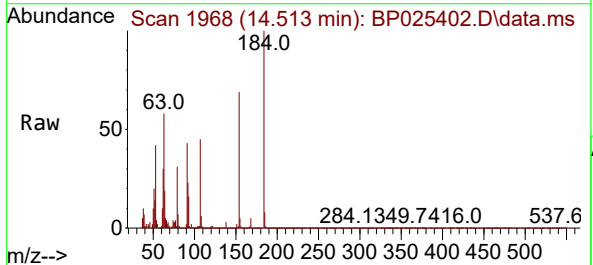
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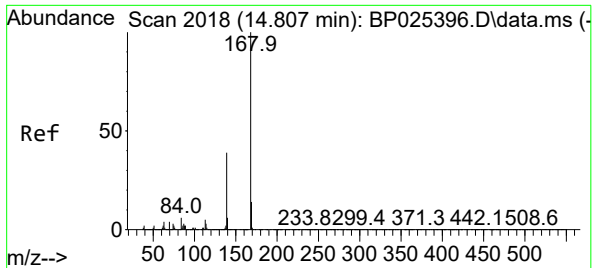
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#54
2,4-Dinitrophenol
Concen: 111.865 ng
RT: 14.513 min Scan# 1968
Delta R.T. 0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:184 Resp: 401585
Ion Ratio Lower Upper
184 100
63 58.4 49.4 74.2
154 69.4 54.6 82.0





#55

Dibenzenofuran

Concen: 46.470 ng

RT: 14.813 min Scan# 2018

Delta R.T. 0.006 min

Lab File: BP025402.D

Acq: 14 Aug 2025 20:10

Instrument :

BNA_P

ClientSampleId :

PB169210BS

Tgt Ion:168 Resp: 175720

Ion Ratio Lower Upper

168 100

139 39.5 31.5 47.3

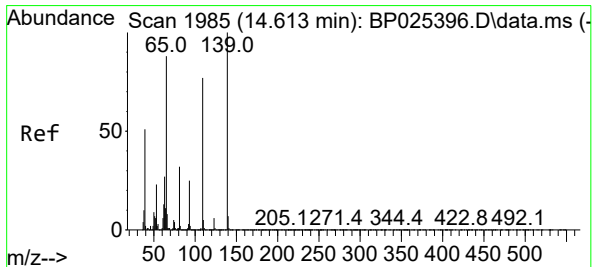
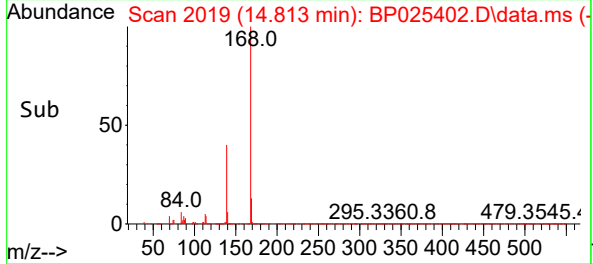
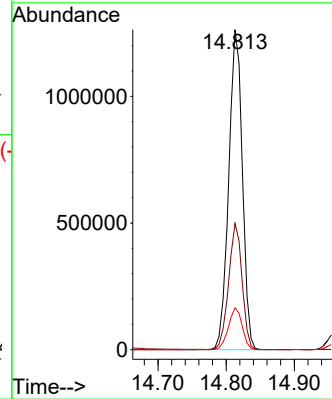
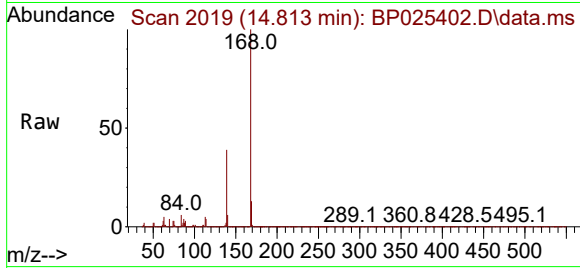
169 13.1 10.9 16.3

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#56

4-Nitrophenol

Concen: 104.294 ng

RT: 14.625 min Scan# 1987

Delta R.T. 0.012 min

Lab File: BP025402.D

Acq: 14 Aug 2025 20:10

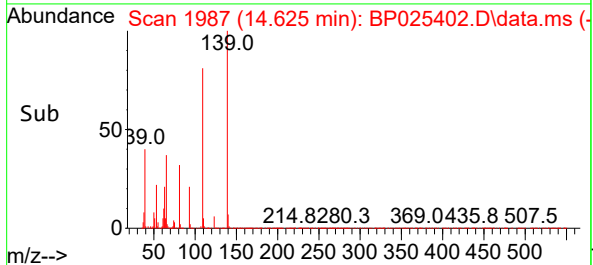
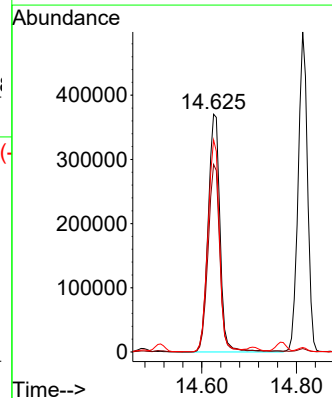
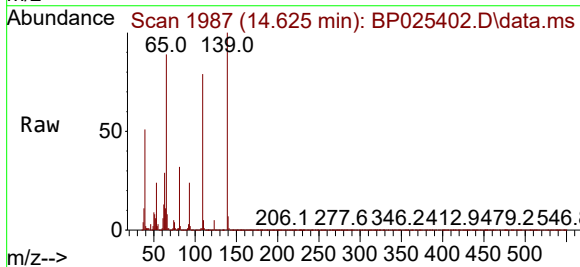
Tgt Ion:139 Resp: 648186

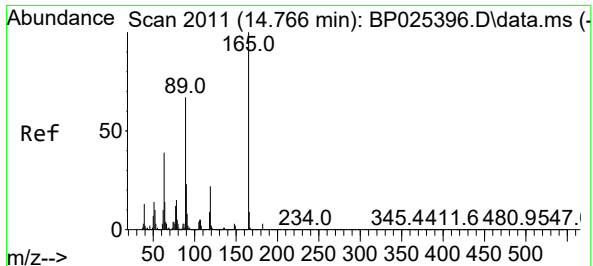
Ion Ratio Lower Upper

139 100

109 78.9 56.6 96.6

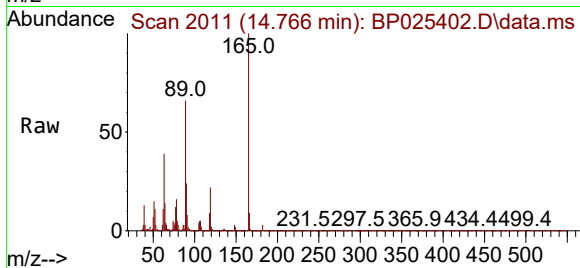
65 89.2 68.2 108.2





#57
2,4-Dinitrotoluene
Concen: 51.219 ng
RT: 14.766 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

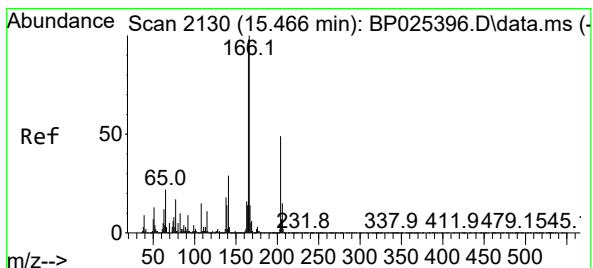
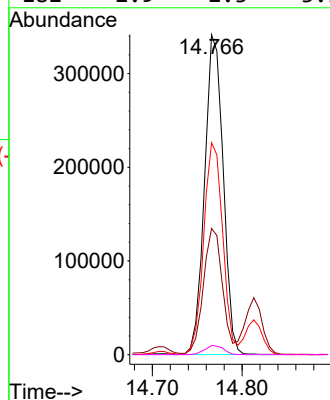
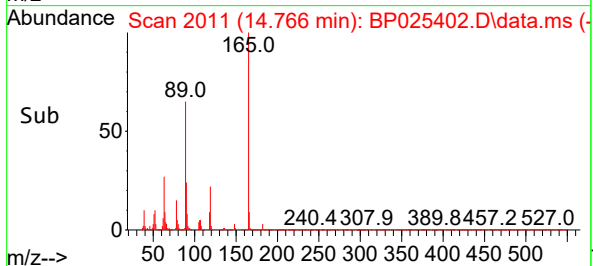
Instrument :
BNA_P
ClientSampleId :
PB169210BS



Tgt Ion:165 Resp: 491249
Ion Ratio Lower Upper
165 100
63 39.4 31.4 47.2
89 66.3 53.3 79.9
182 2.9 2.3 3.5

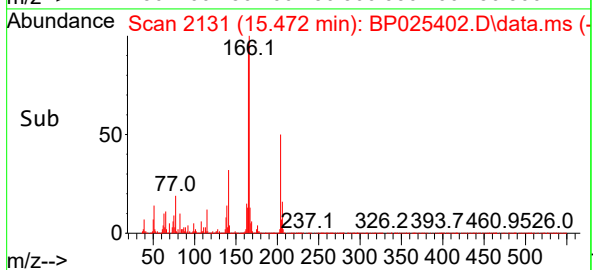
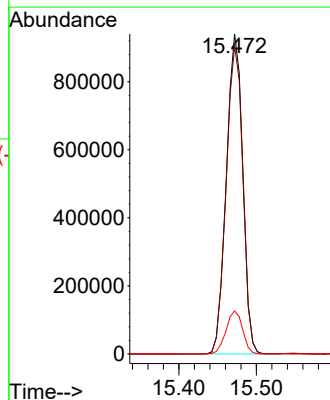
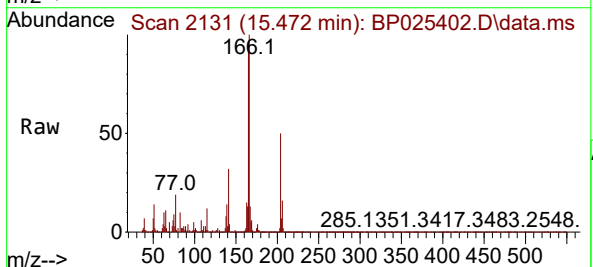
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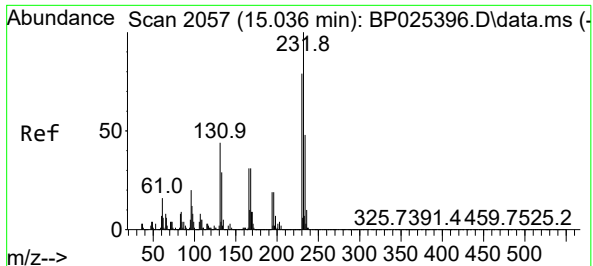
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#58
Fluorene
Concen: 46.525 ng
RT: 15.472 min Scan# 2131
Delta R.T. 0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:166 Resp: 1388189
Ion Ratio Lower Upper
166 100
165 96.2 78.8 118.2
167 13.4 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 49.740 ng

RT: 15.042 min Scan# 2058

Delta R.T. 0.006 min

Lab File: BP025402.D

Acq: 14 Aug 2025 20:10

Instrument :

BNA_P

ClientSampleId :

PB169210BS

Tgt Ion:232 Resp: 408762

Ion Ratio Lower Upper

232 100

131 46.7 37.0 55.6

130 2.5 1.9 2.9

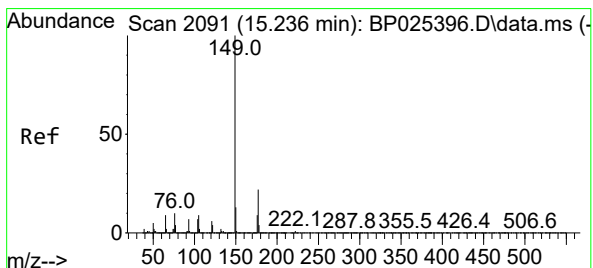
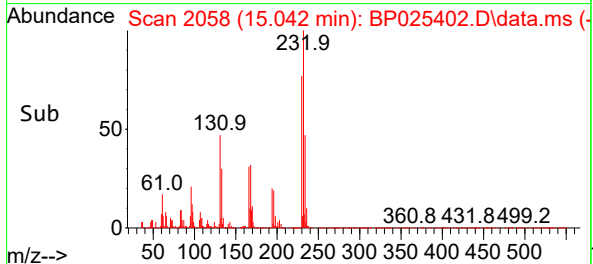
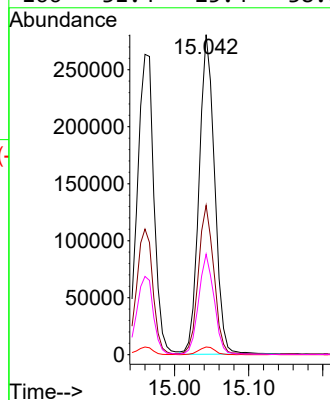
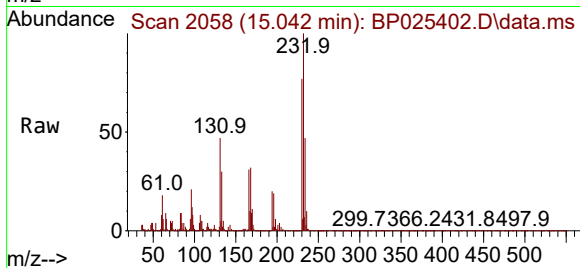
166 31.4 25.4 38.0

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#60

Diethylphthalate

Concen: 48.233 ng

RT: 15.248 min Scan# 2093

Delta R.T. 0.012 min

Lab File: BP025402.D

Acq: 14 Aug 2025 20:10

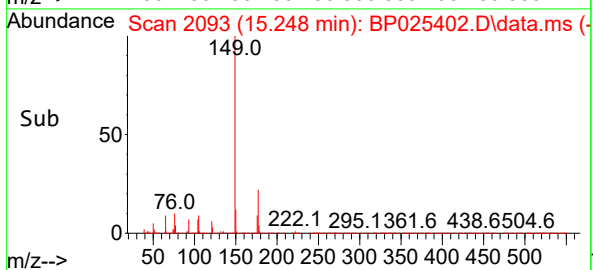
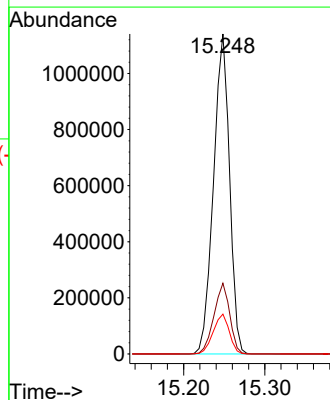
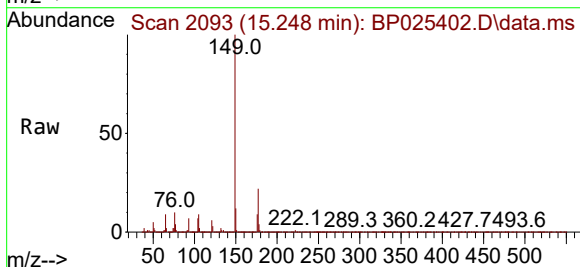
Tgt Ion:149 Resp: 1563135

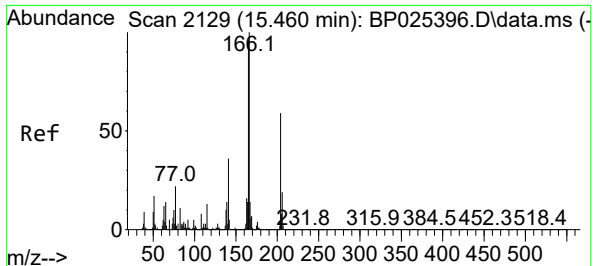
Ion Ratio Lower Upper

149 100

177 22.1 17.3 25.9

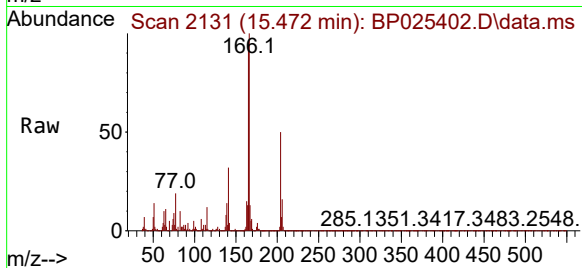
150 12.4 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 46.075 ng
RT: 15.472 min Scan# 2113
Delta R.T. 0.012 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

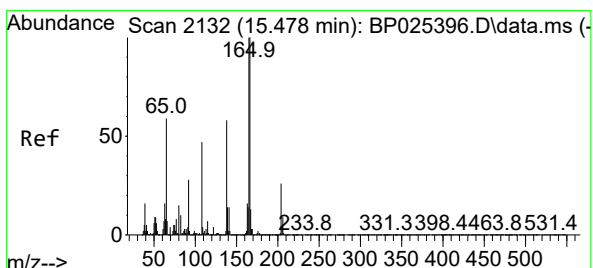
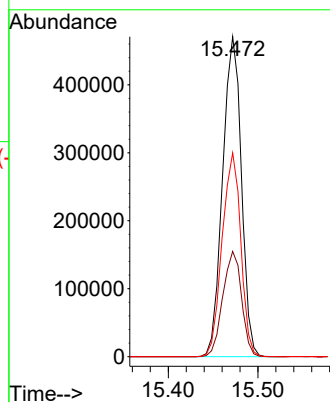
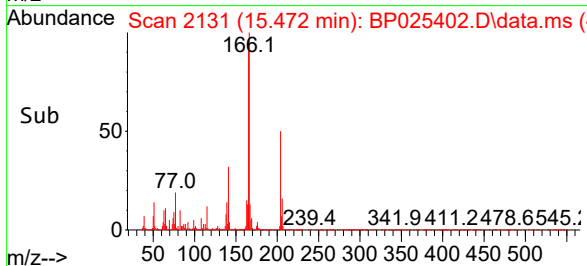
Instrument :
BNA_P
ClientSampleId :
PB169210BS



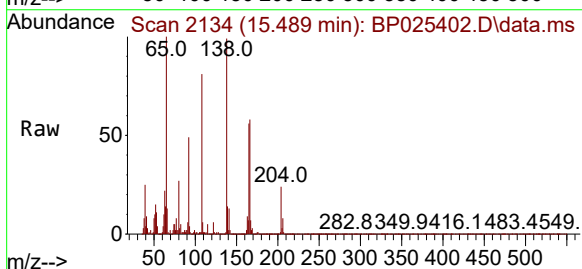
Tgt Ion:204 Resp: 68373
Ion Ratio Lower Upper
204 100
206 32.9 25.8 38.8
141 63.7 49.4 74.2

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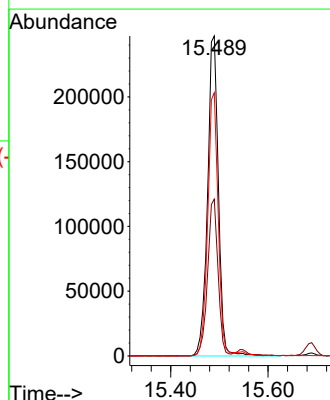
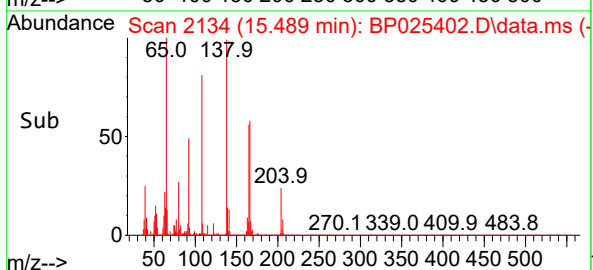
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

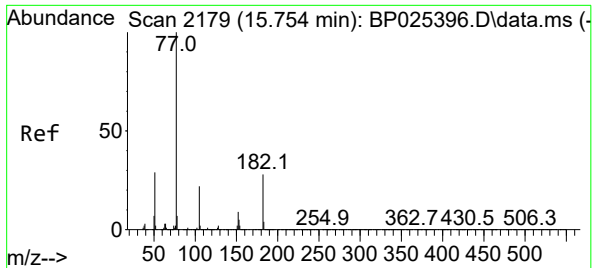


#62
4-Nitroaniline
Concen: 49.072 ng
RT: 15.489 min Scan# 2134
Delta R.T. 0.012 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10



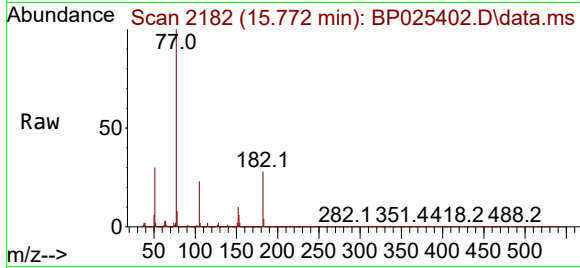
Tgt Ion:138 Resp: 380486
Ion Ratio Lower Upper
138 100
92 49.0 29.1 69.1
108 82.2 61.5 101.5





#63
Azobenzene
Concen: 48.409 ng
RT: 15.772 min Scan# 2179
Delta R.T. 0.018 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

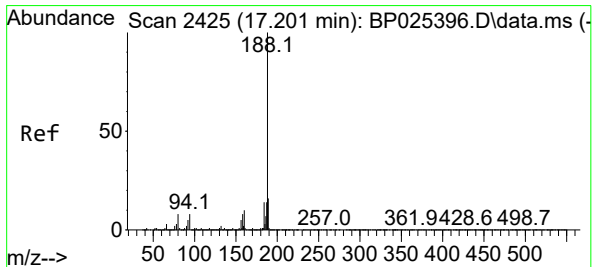
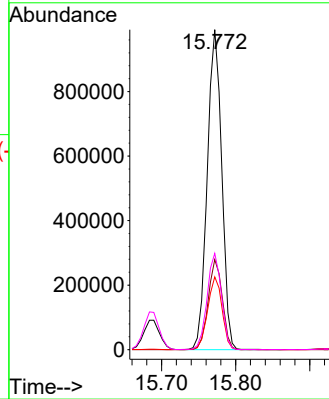
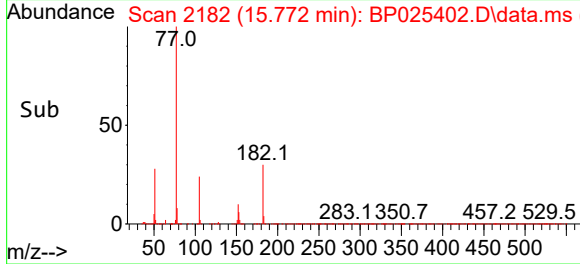
Instrument :
BNA_P
ClientSampleId :
PB169210BS



Tgt Ion: 77 Resp: 134333
Ion Ratio Lower Upper
77 100
182 28.1 7.5 47.5
105 22.8 2.1 42.1
51 30.1 9.6 49.6

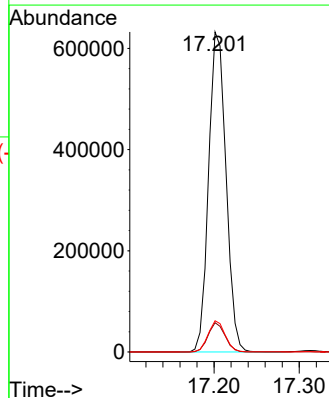
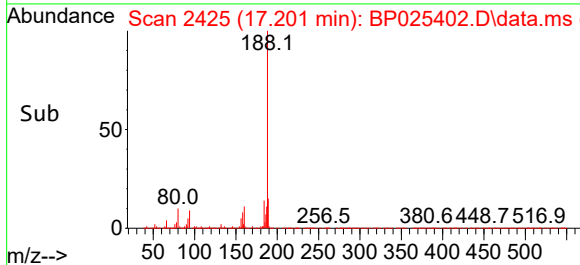
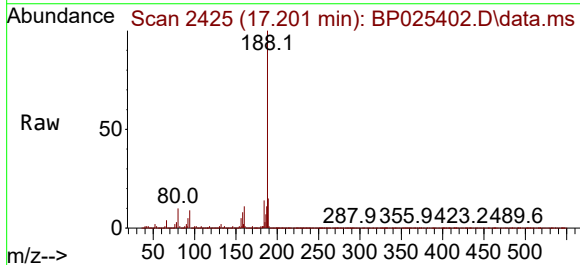
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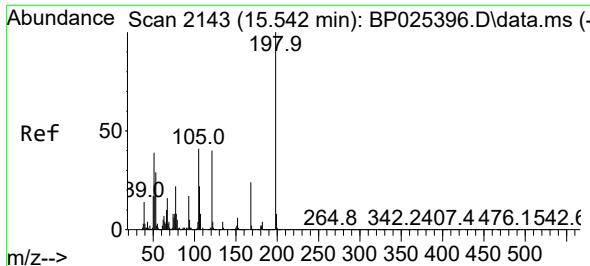
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

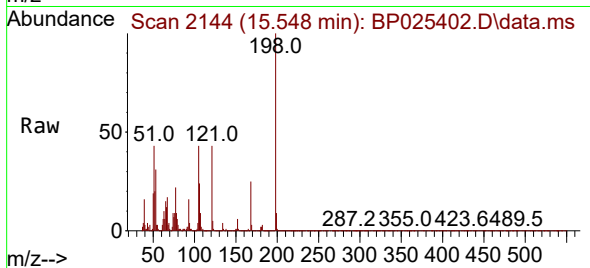
Tgt Ion:188 Resp: 895607
Ion Ratio Lower Upper
188 100
94 9.2 6.6 10.0
80 9.8 6.7 10.1





#65
4,6-Dinitro-2-methylphenol
Concen: 49.788 ng
RT: 15.548 min Scan# 2143
Delta R.T. 0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

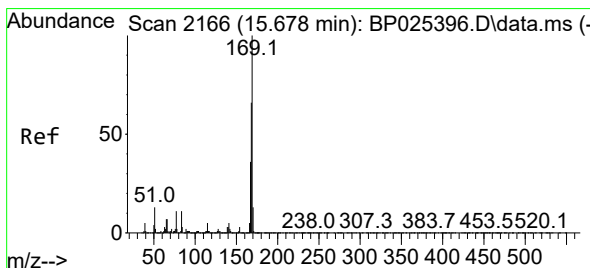
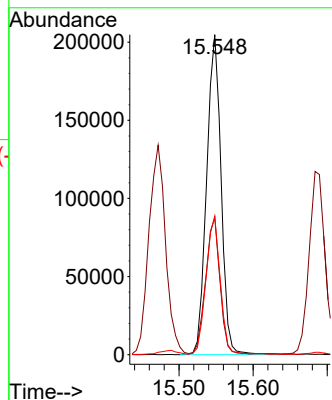
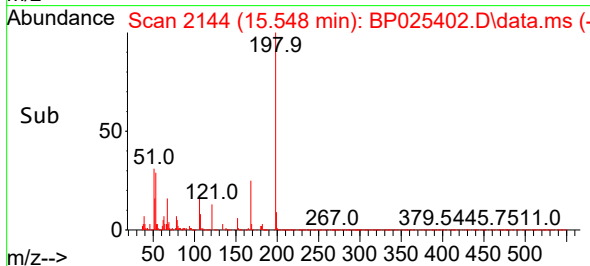
Instrument :
BNA_P
ClientSampleId :
PB169210BS



Tgt Ion:198 Resp: 277954
Ion Ratio Lower Upper
198 100
51 42.8 19.6 59.6
105 43.3 20.9 60.9

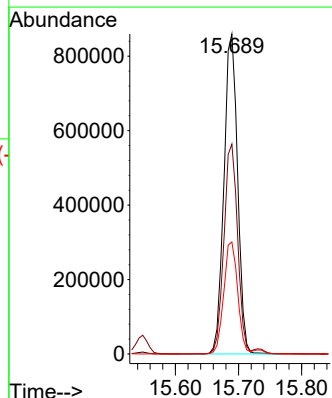
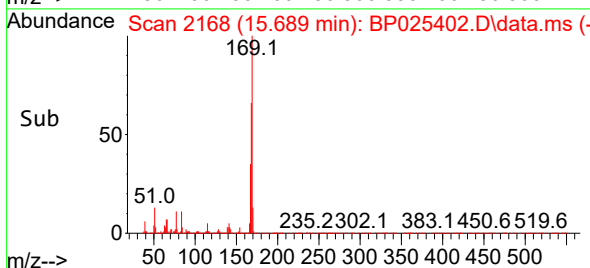
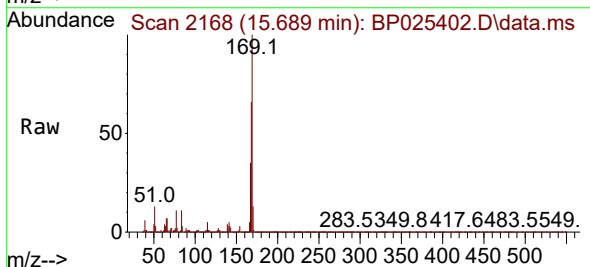
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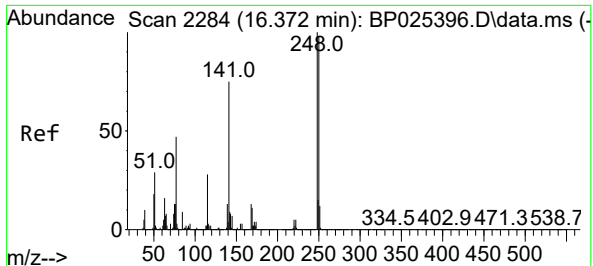
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#66
n-Nitrosodiphenylamine
Concen: 47.265 ng
RT: 15.689 min Scan# 2168
Delta R.T. 0.012 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

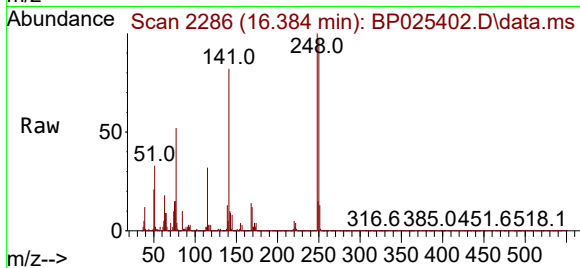
Tgt Ion:169 Resp: 1290834
Ion Ratio Lower Upper
169 100
168 65.6 53.2 79.8
167 35.0 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 46.761 ng
RT: 16.384 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

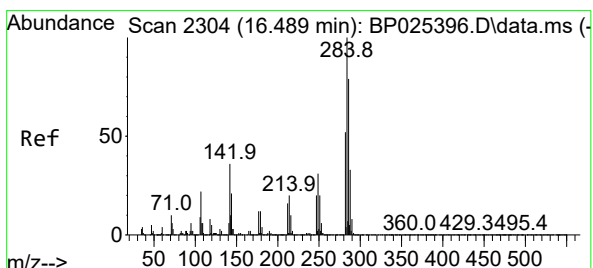
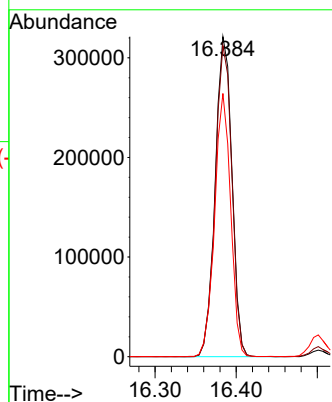
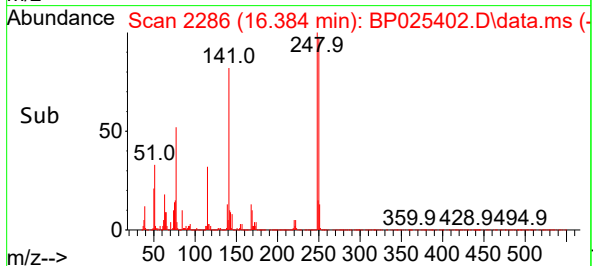
Instrument :
BNA_P
ClientSampleId :
PB169210BS



Tgt Ion:248 Resp: 460600
Ion Ratio Lower Upper
248 100
250 97.2 78.2 117.2
141 82.2 59.6 89.4

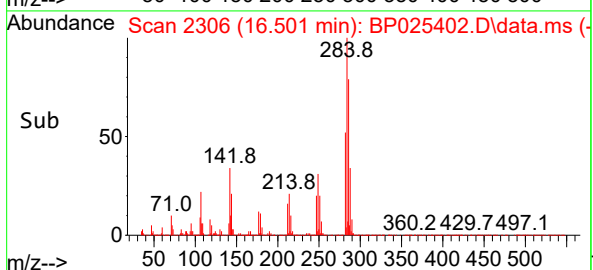
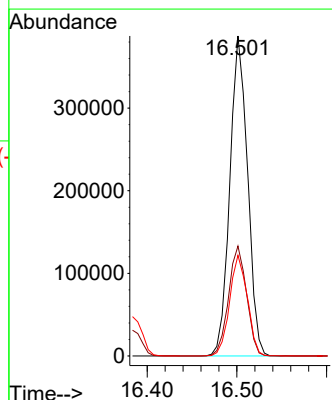
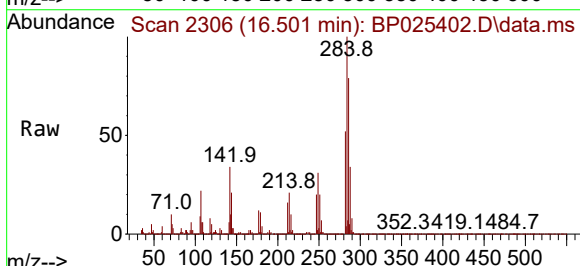
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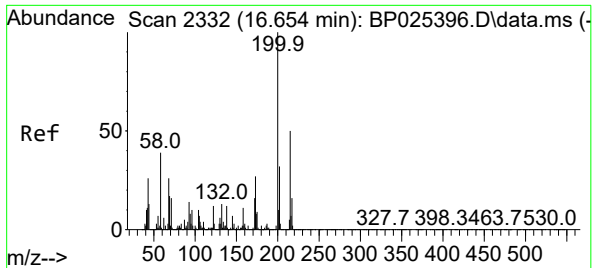
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#68
Hexachlorobenzene
Concen: 46.564 ng
RT: 16.501 min Scan# 2306
Delta R.T. 0.012 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

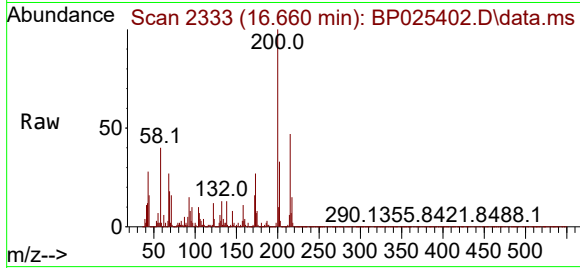
Tgt Ion:284 Resp: 531682
Ion Ratio Lower Upper
284 100
142 34.4 29.1 43.7
249 31.5 25.0 37.4





#69
Atrazine
Concen: 48.184 ng
RT: 16.660 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

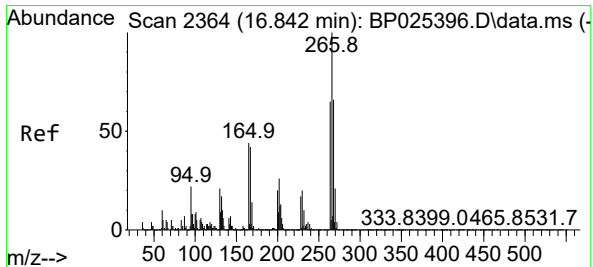
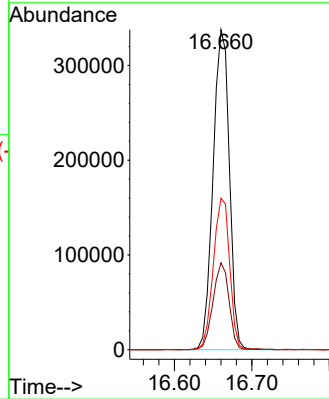
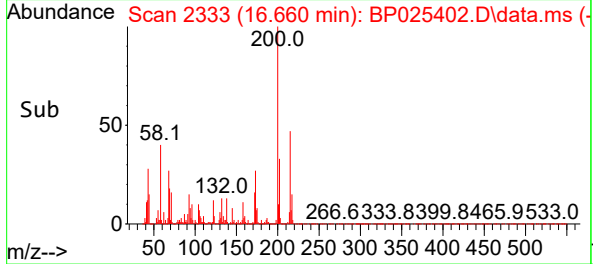
Instrument :
BNA_P
ClientSampleId :
PB169210BS



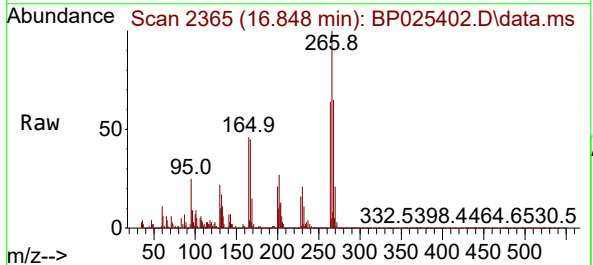
Tgt Ion:200 Resp: 49282
Ion Ratio Lower Upper
200 100
173 27.1 6.7 46.7
215 47.3 29.7 69.7

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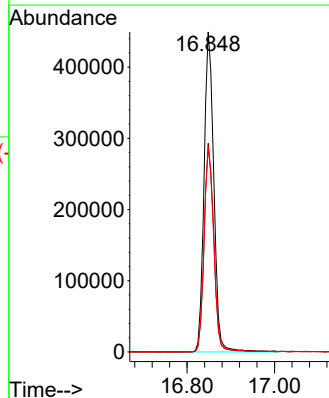
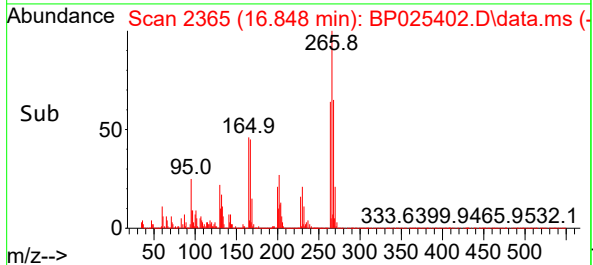
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

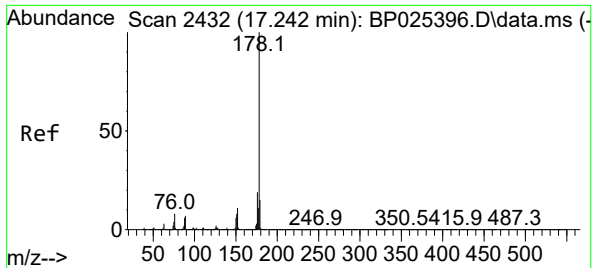


#70
Pentachlorophenol
Concen: 97.234 ng
RT: 16.848 min Scan# 2365
Delta R.T. 0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10



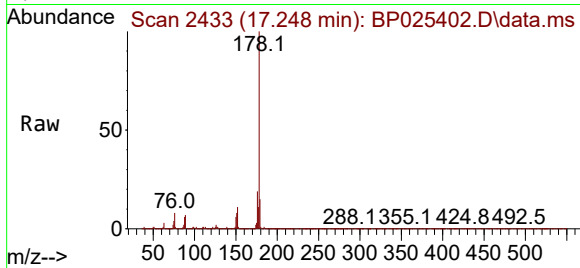
Tgt Ion:266 Resp: 700841
Ion Ratio Lower Upper
266 100
268 65.2 52.6 79.0
264 64.0 52.0 78.0





#71
Phenanthrene
Concen: 47.481 ng
RT: 17.248 min Scan# 2432
Delta R.T. 0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

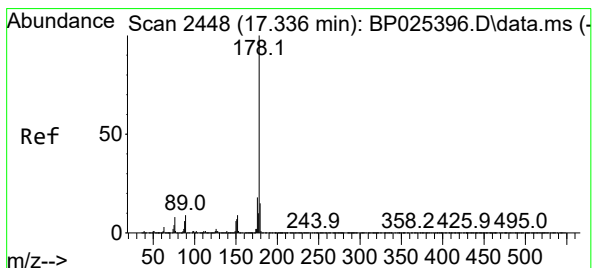
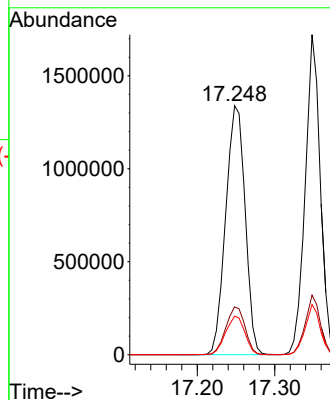
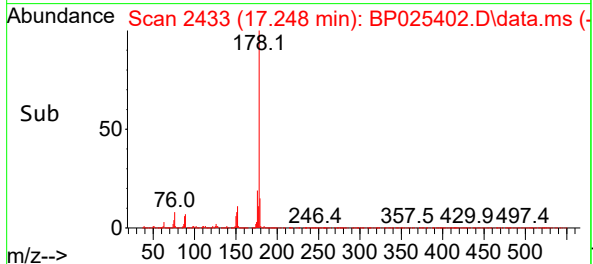
Instrument :
BNA_P
ClientSampleId :
PB169210BS



Tgt Ion:178 Resp: 2335980
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.5 12.2 18.4

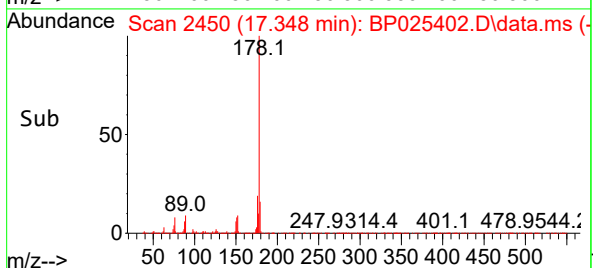
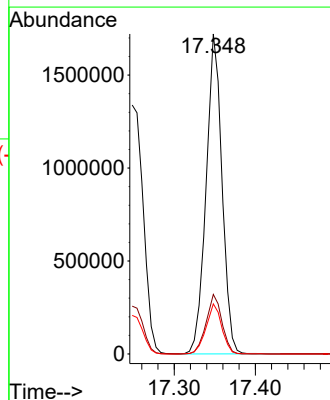
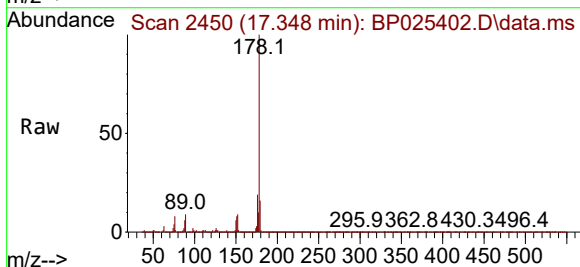
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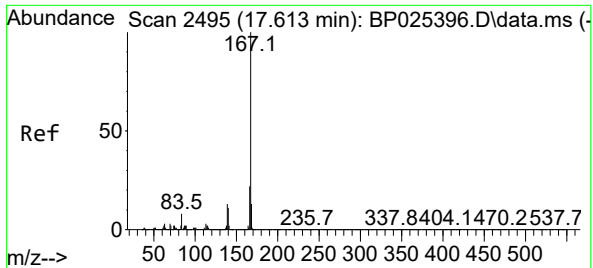
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#72
Anthracene
Concen: 46.547 ng
RT: 17.348 min Scan# 2450
Delta R.T. 0.012 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

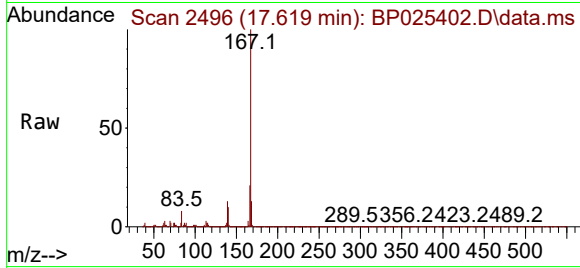
Tgt Ion:178 Resp: 2338590
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 15.7 12.2 18.2





#73
Carbazole
Concen: 47.640 ng
RT: 17.619 min Scan# 2495
Delta R.T. 0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

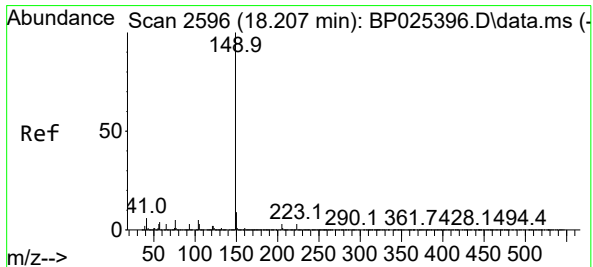
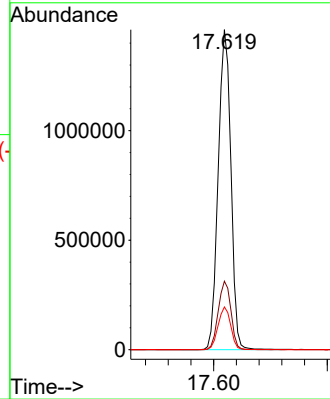
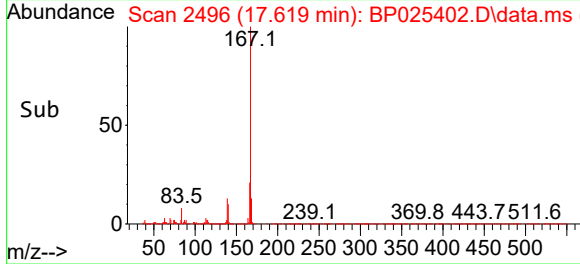
Instrument :
BNA_P
ClientSampleId :
PB169210BS



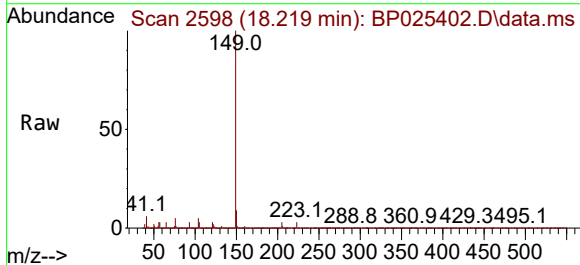
Tgt Ion:167 Resp: 2254500
Ion Ratio Lower Upper
167 100
166 21.4 17.5 26.3
139 13.3 10.6 16.0

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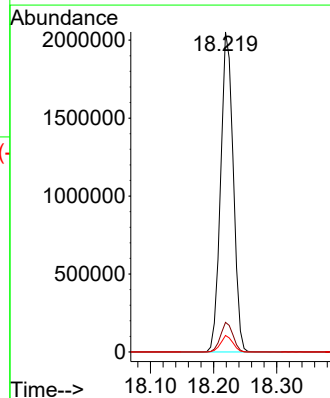
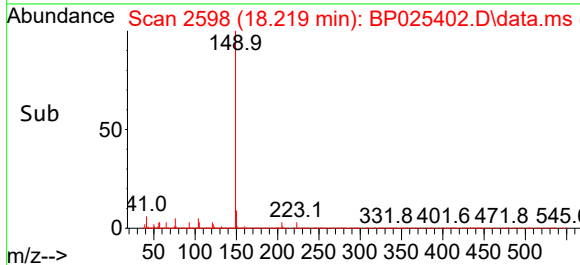
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

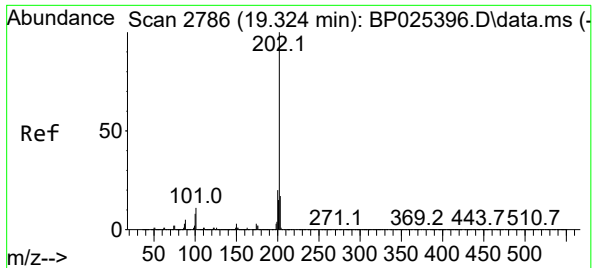


#74
Di-n-butylphthalate
Concen: 48.957 ng
RT: 18.219 min Scan# 2598
Delta R.T. 0.012 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10



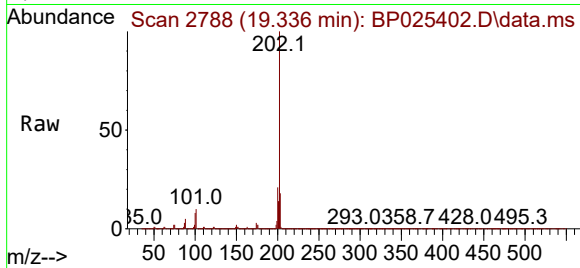
Tgt Ion:149 Resp: 2850461
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.0
104 5.2 4.2 6.2





#75
Fluoranthene
Concen: 47.188 ng
RT: 19.336 min Scan# 2788
Delta R.T. 0.012 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

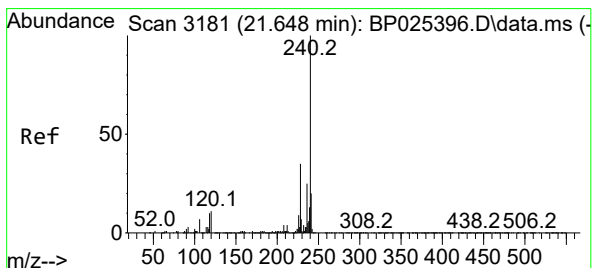
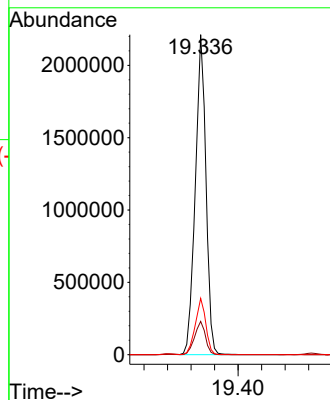
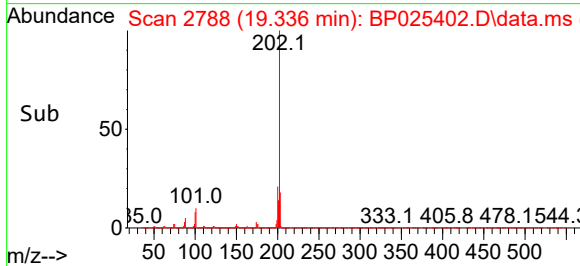
Instrument :
BNA_P
ClientSampleId :
PB169210BS



Tgt Ion:202 Resp: 2769230
Ion Ratio Lower Upper
202 100
101 10.4 0.0 31.1
203 17.6 0.0 37.3

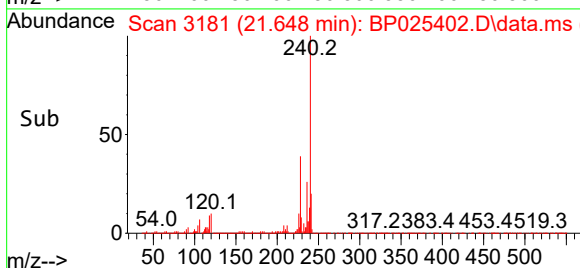
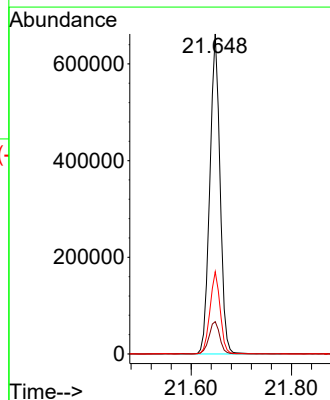
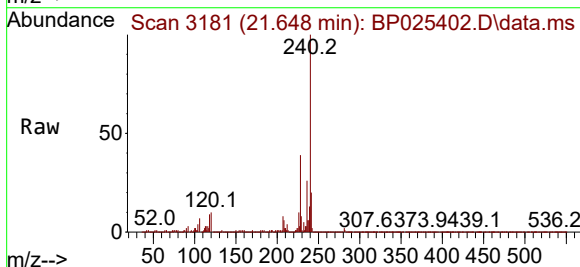
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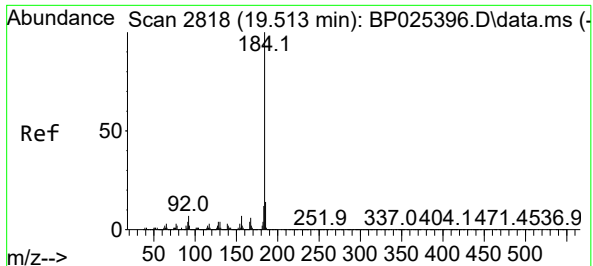
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.648 min Scan# 3181
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

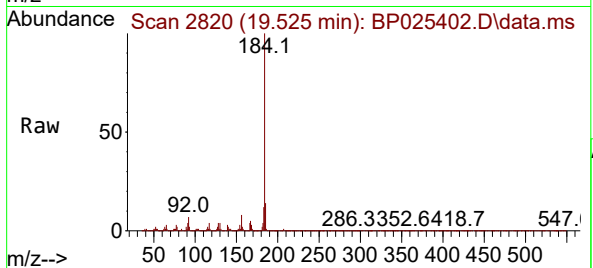
Tgt Ion:240 Resp: 937531
Ion Ratio Lower Upper
240 100
120 10.1 8.9 13.3
236 25.7 19.8 29.8





#77
Benzidine
Concen: 63.593 ng
RT: 19.525 min Scan# 2820
Delta R.T. 0.012 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

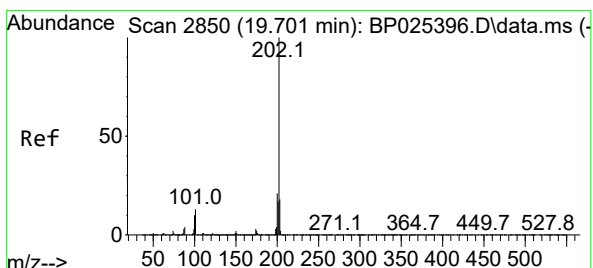
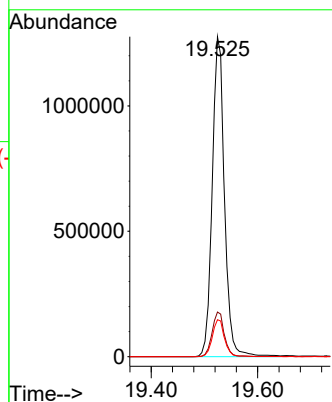
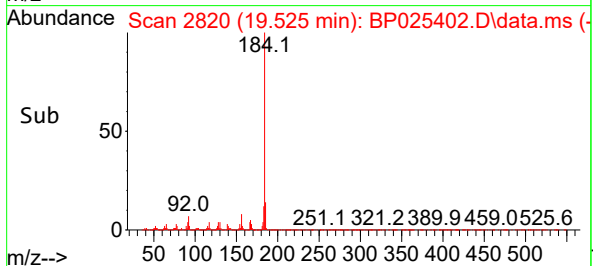
Instrument :
BNA_P
ClientSampleId :
PB169210BS



Tgt Ion:184 Resp: 2034719
Ion Ratio Lower Upper
184 100
185 14.0 11.5 17.3
183 11.5 9.4 14.2

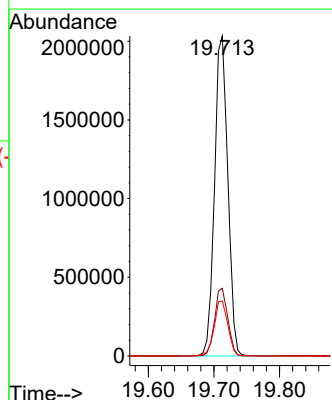
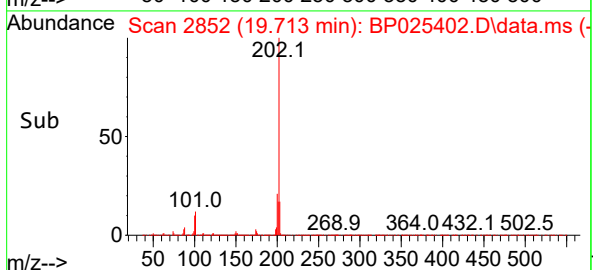
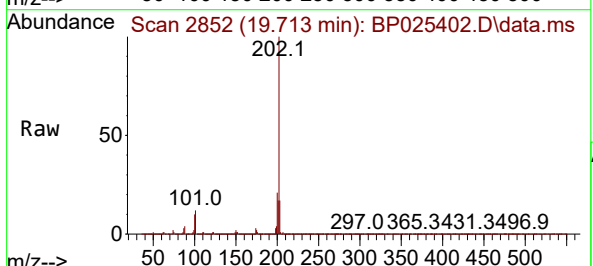
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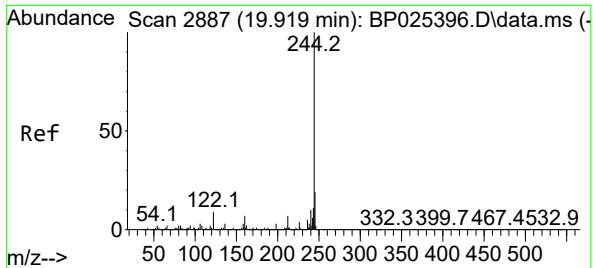
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#78
Pyrene
Concen: 46.748 ng
RT: 19.713 min Scan# 2852
Delta R.T. 0.012 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion:202 Resp: 2848697
Ion Ratio Lower Upper
202 100
200 21.2 16.9 25.3
203 17.2 14.2 21.2





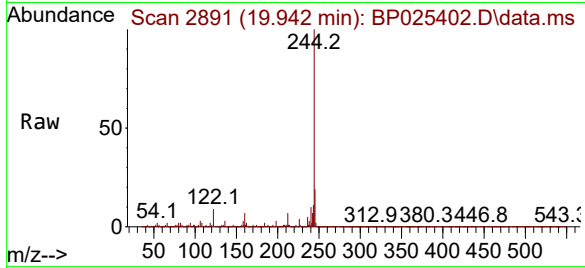
#79
 Terphenyl-d14
 Concen: 83.062 ng
 RT: 19.942 min Scan# 2887
 Delta R.T. 0.024 min
 Lab File: BP025402.D
 Acq: 14 Aug 2025 20:10

Instrument :

BNA_P

ClientSampleId :

PB169210BS



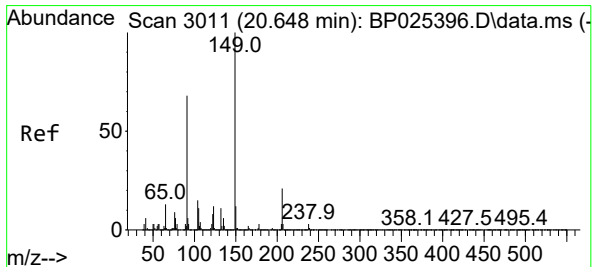
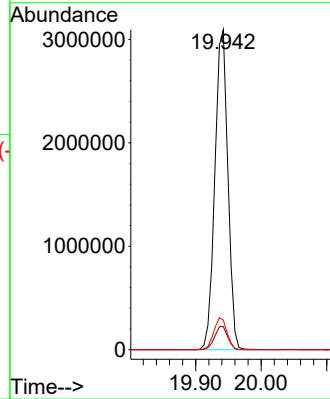
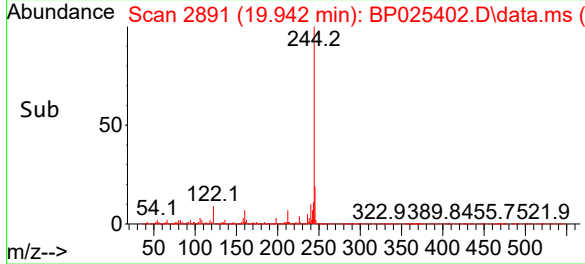
Tgt Ion:244 Resp: 4256352
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 9.2 7.4 11.2

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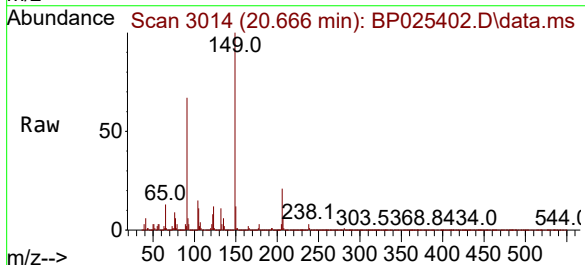
APPROVED

Reviewed By :Rahul Chavli 08/15/2025

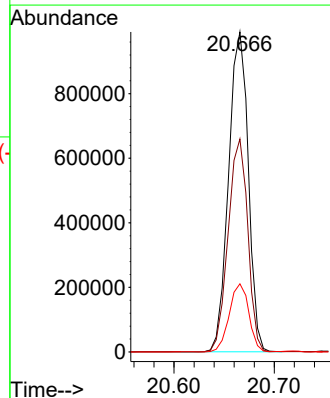
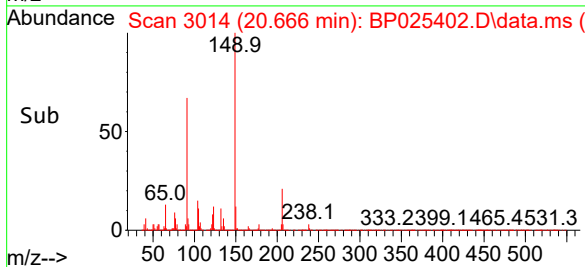
Supervised By :Jagrut Upadhyay 08/15/2025

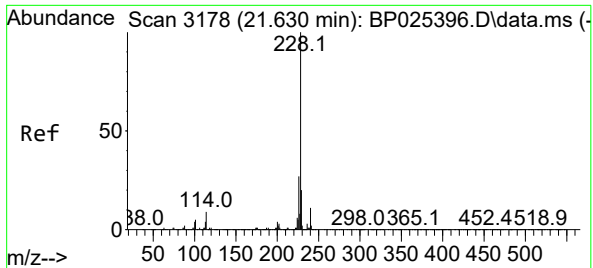


#80
 Butylbenzylphthalate
 Concen: 48.894 ng
 RT: 20.666 min Scan# 3014
 Delta R.T. 0.018 min
 Lab File: BP025402.D
 Acq: 14 Aug 2025 20:10



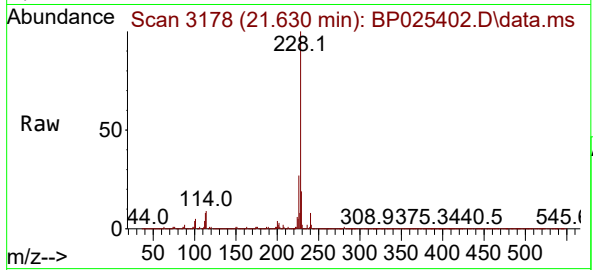
Tgt Ion:149 Resp: 1350312
 Ion Ratio Lower Upper
 149 100
 91 66.6 54.2 81.2
 206 21.3 16.6 24.8





#81
Benzo(a)anthracene
Concen: 46.984 ng
RT: 21.630 min Scan# 3178
Delta R.T. 0.000 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

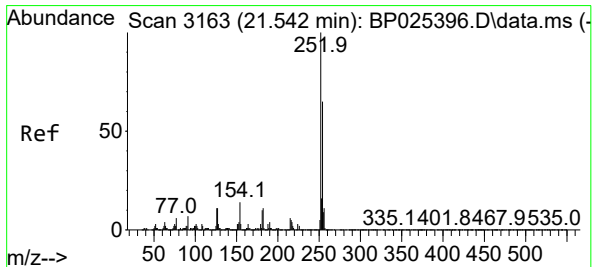
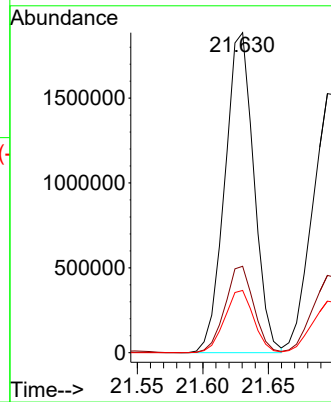
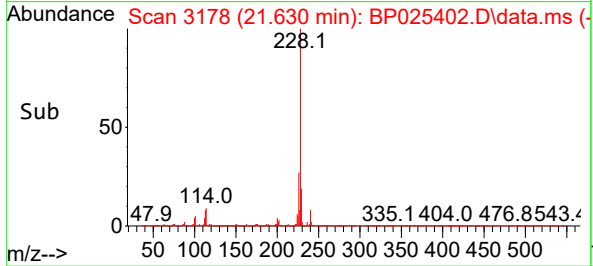
Instrument :
BNA_P
ClientSampleId :
PB169210BS



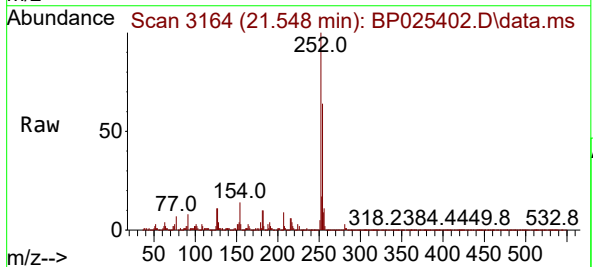
Tgt Ion:228 Resp: 290502
Ion Ratio Lower Upper
228 100
226 27.0 21.7 32.5
229 19.5 15.6 23.4

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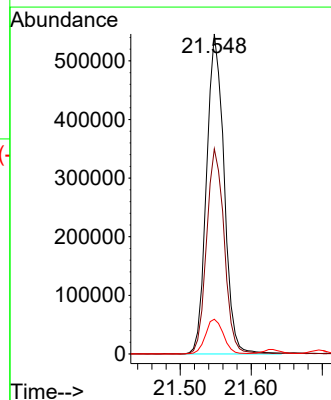
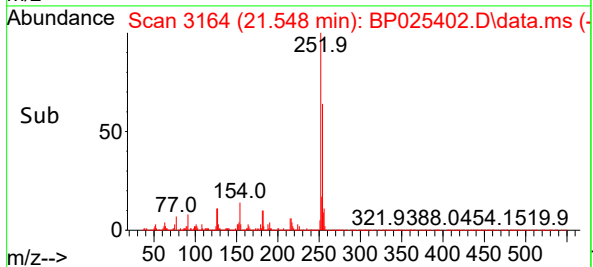
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

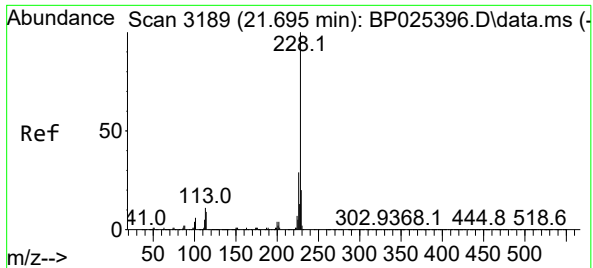


#82
3,3'-Dichlorobenzidine
Concen: 40.194 ng
RT: 21.548 min Scan# 3164
Delta R.T. 0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10



Tgt Ion:252 Resp: 936735
Ion Ratio Lower Upper
252 100
254 64.1 51.8 77.6
126 10.9 9.1 13.7





#83

Chrysene

Concen: 47.211 ng

RT: 21.695 min Scan# 3189

Delta R.T. 0.000 min

Lab File: BP025402.D

Acq: 14 Aug 2025 20:10

Instrument :

BNA_P

ClientSampleId :

PB169210BS

Tgt Ion:228 Resp: 273373

Ion Ratio Lower Upper

228 100

226 29.9 23.2 34.8

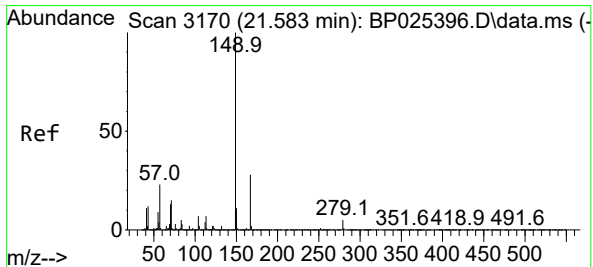
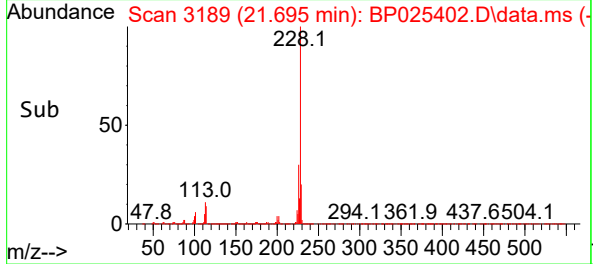
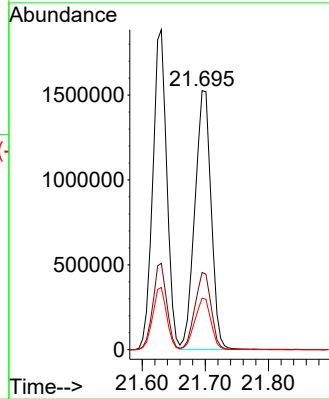
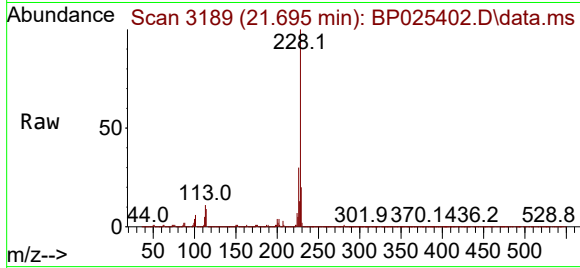
229 19.9 15.6 23.4

Manual Integrations

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Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.532 ng

RT: 21.583 min Scan# 3170

Delta R.T. 0.000 min

Lab File: BP025402.D

Acq: 14 Aug 2025 20:10

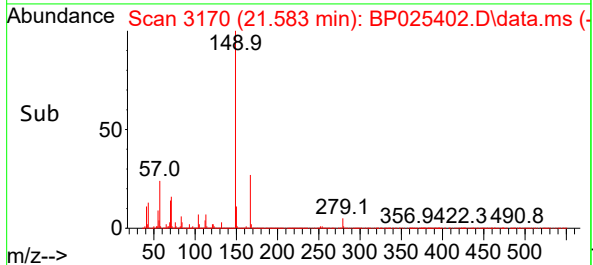
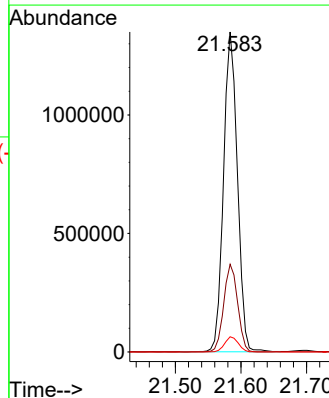
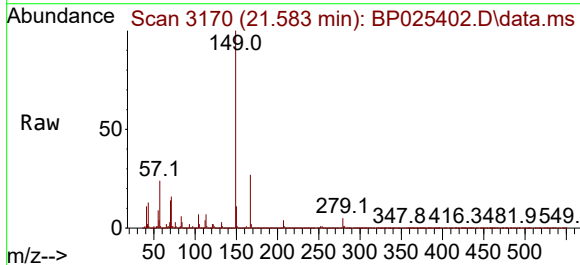
Tgt Ion:149 Resp: 1973001

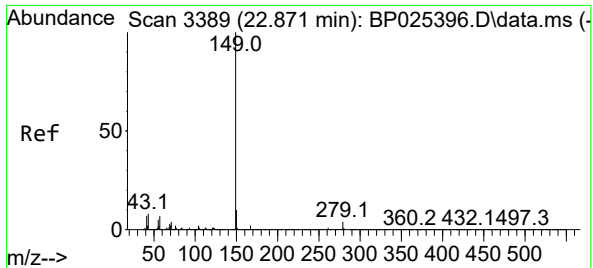
Ion Ratio Lower Upper

149 100

167 27.4 22.1 33.1

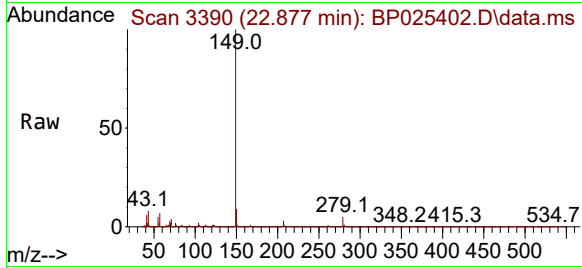
279 4.7 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 47.320 ng
RT: 22.877 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

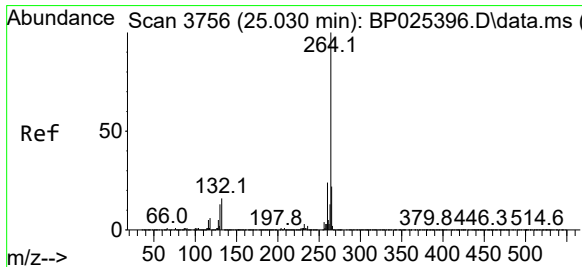
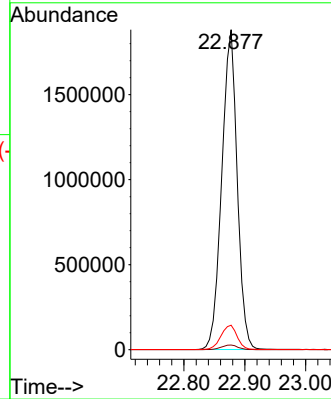
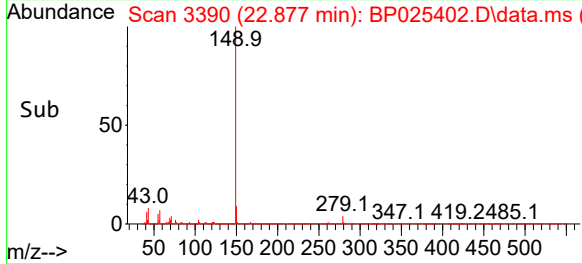
Instrument :
BNA_P
ClientSampleId :
PB169210BS



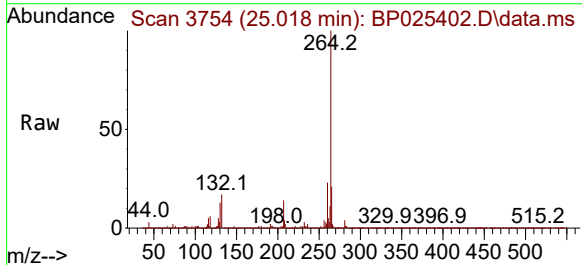
Tgt Ion:149 Resp: 330892
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.9 6.3 9.5

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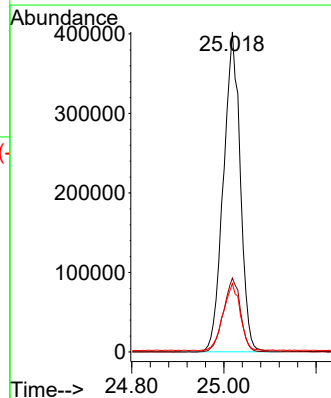
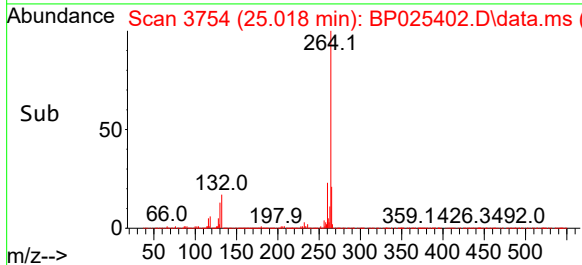
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

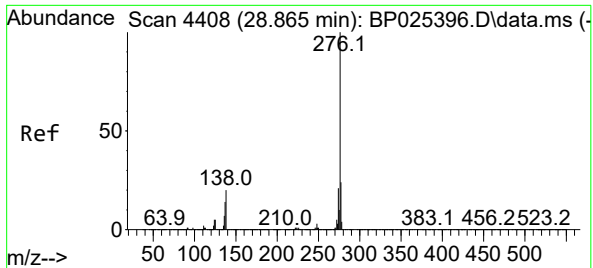


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.018 min Scan# 3754
Delta R.T. -0.012 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10



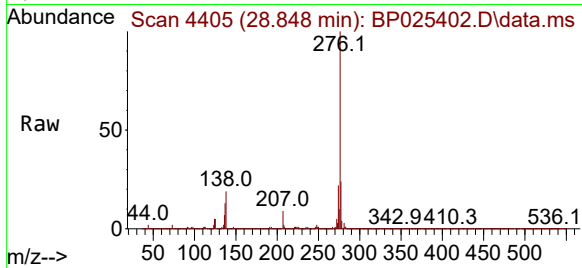
Tgt Ion:264 Resp: 1016818
Ion Ratio Lower Upper
264 100
260 23.1 19.3 28.9
265 21.3 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 48.225 ng m
RT: 28.848 min Scan# 4408
Delta R.T. -0.018 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

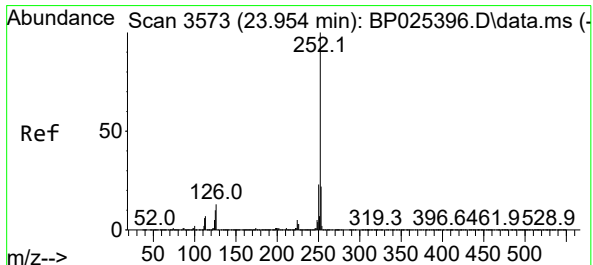
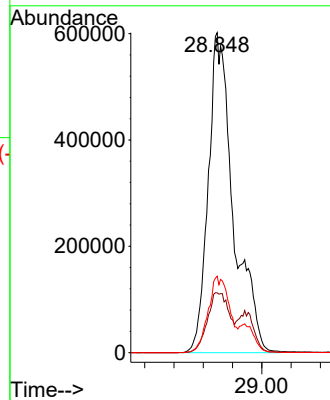
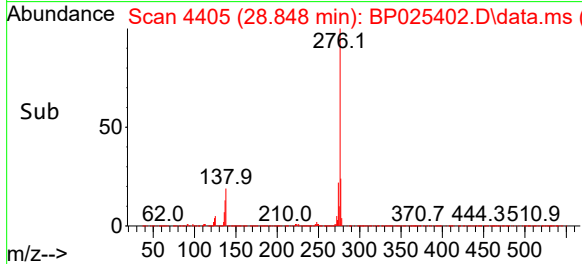
Instrument :
BNA_P
ClientSampleId :
PB169210BS



Tgt Ion: 276 Resp: 3596110
Ion Ratio Lower Upper
276 100
138 16.3 12.9 19.3
277 20.3 17.0 25.6

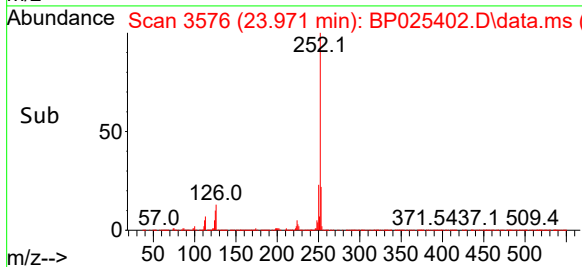
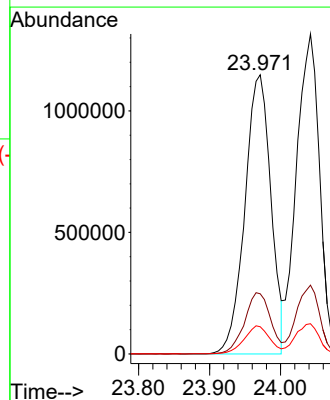
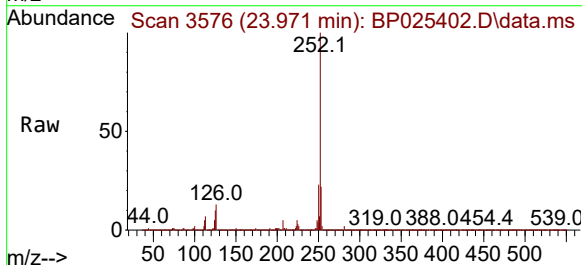
Manual Integrations
APPROVED

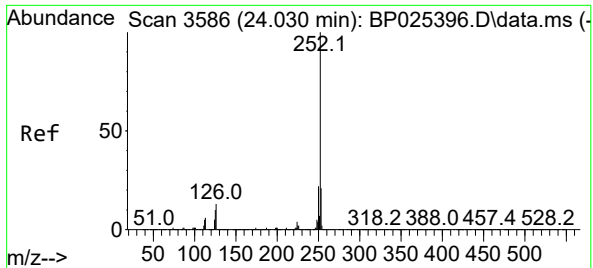
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#88
Benzo(b)fluoranthene
Concen: 48.676 ng
RT: 23.971 min Scan# 3576
Delta R.T. 0.018 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

Tgt Ion: 252 Resp: 2918542
Ion Ratio Lower Upper
252 100
253 21.5 17.7 26.5
125 9.7 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 49.456 ng

RT: 24.042 min Scan# 3586

Delta R.T. 0.012 min

Lab File: BP025402.D

Acq: 14 Aug 2025 20:10

Instrument :

BNA_P

ClientSampleId :

PB169210BS

Tgt Ion:252 Resp: 2967349

Ion Ratio Lower Upper

252 100

253 21.5 17.1 25.7

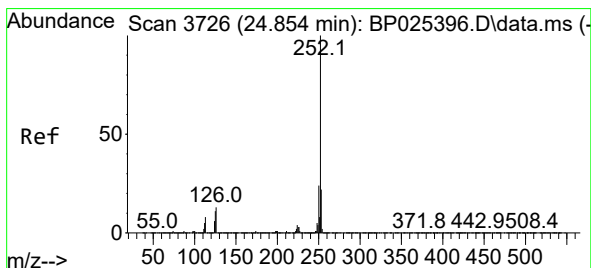
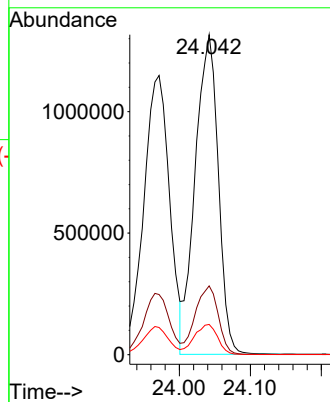
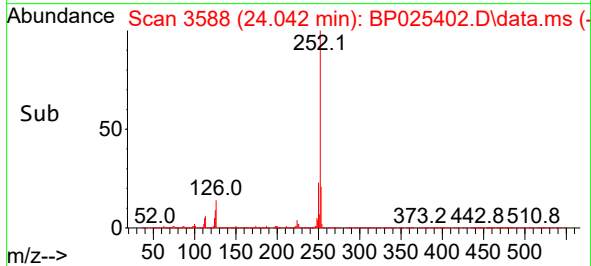
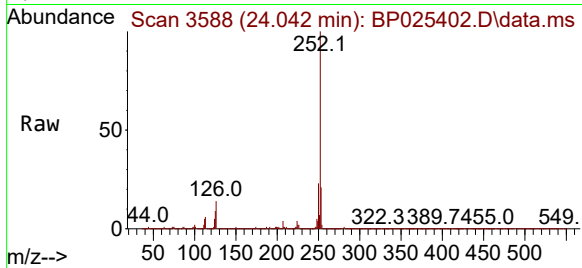
125 9.5 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/15/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#90

Benzo(a)pyrene

Concen: 48.899 ng

RT: 24.871 min Scan# 3729

Delta R.T. 0.018 min

Lab File: BP025402.D

Acq: 14 Aug 2025 20:10

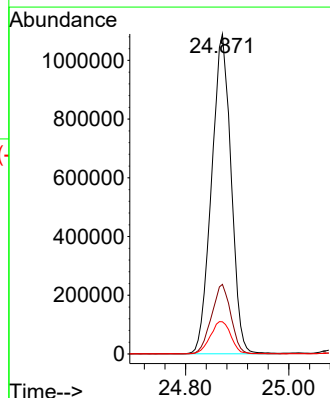
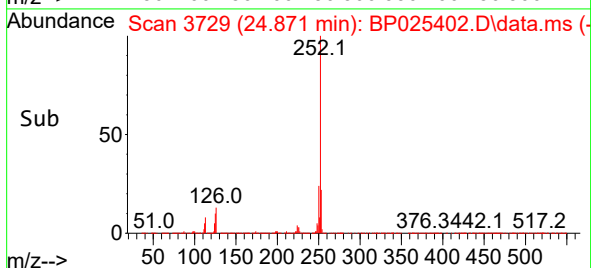
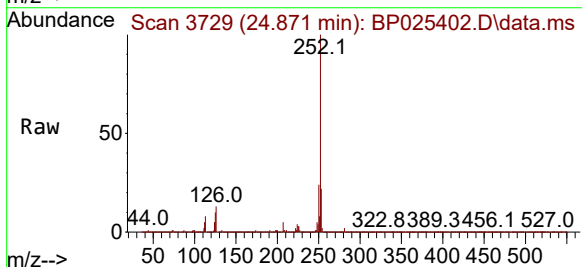
Tgt Ion:252 Resp: 2854031

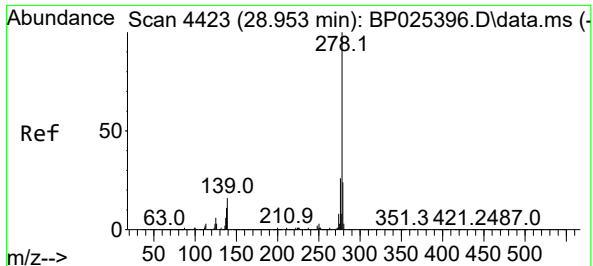
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

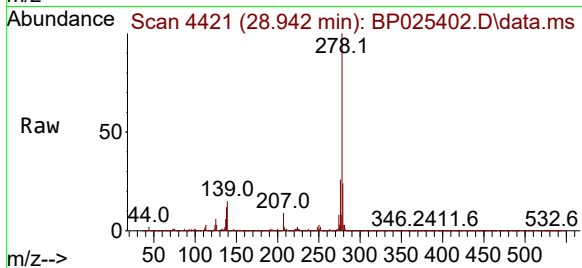
125 10.1 8.7 13.1





#91
Dibenzo(a,h)anthracene
Concen: 48.354 ng
RT: 28.942 min Scan# 4423
Delta R.T. -0.012 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10

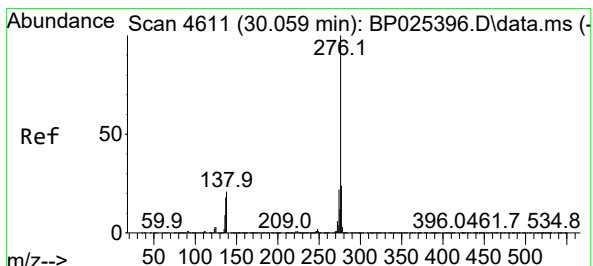
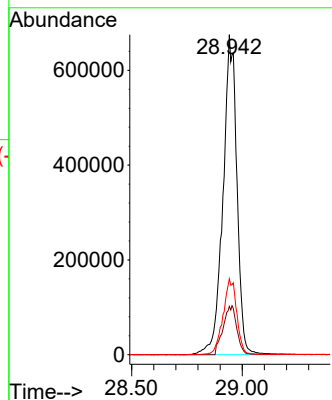
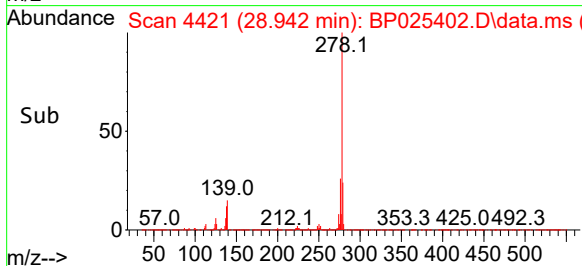
Instrument :
BNA_P
ClientSampleId :
PB169210BS



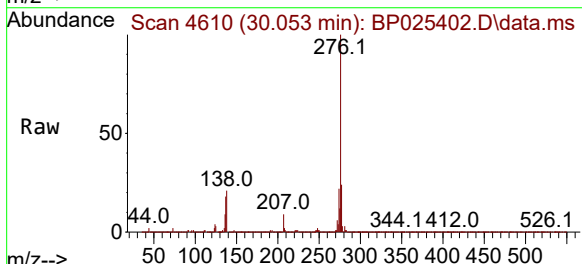
Tgt Ion: 278 Resp: 294661
Ion Ratio Lower Upper
278 100
139 15.1 13.0 19.4
279 23.7 19.4 29.2

Manual Integrations
APPROVED

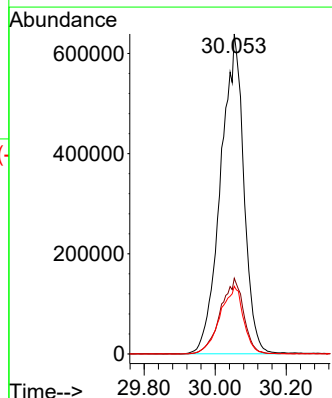
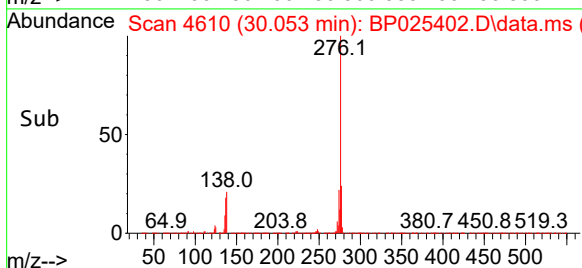
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#92
Benzo(g,h,i)perylene
Concen: 48.068 ng
RT: 30.053 min Scan# 4610
Delta R.T. -0.006 min
Lab File: BP025402.D
Acq: 14 Aug 2025 20:10



Tgt Ion: 276 Resp: 2879368
Ion Ratio Lower Upper
276 100
277 23.7 19.4 29.0
138 21.1 16.7 25.1



Report of Analysis

Client:	G Environmental	Date Collected:	08/11/25
Project:	Ave B	Date Received:	08/11/25
Client Sample ID:	BIN0009-DRIVEWAY-TP-WESTSIDEMS	SDG No.:	Q2826
Lab Sample ID:	Q2830-05MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	81
Sample Wt/Vol:	50.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143367.D	1	08/12/25 09:15	08/13/25 11:12	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	820		120	240	ug/Kg
108-95-2	Phenol	1000		16.4	130	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1100		18.0	130	ug/Kg
95-57-8	2-Chlorophenol	1100		18.1	130	ug/Kg
95-48-7	2-Methylphenol	1100		22.1	130	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100		27.8	130	ug/Kg
98-86-2	Acetophenone	1100		21.8	130	ug/Kg
65794-96-9	3+4-Methylphenols	1000		30.4	240	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1100		35.1	59.2	ug/Kg
67-72-1	Hexachloroethane	1200		13.0	130	ug/Kg
98-95-3	Nitrobenzene	1100		13.6	130	ug/Kg
78-59-1	Isophorone	1100		24.3	130	ug/Kg
88-75-5	2-Nitrophenol	1400		43.1	130	ug/Kg
105-67-9	2,4-Dimethylphenol	1200		48.0	130	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1100		22.8	130	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		21.0	130	ug/Kg
91-20-3	Naphthalene	1100		16.8	130	ug/Kg
106-47-8	4-Chloroaniline	600		26.2	130	ug/Kg
87-68-3	Hexachlorobutadiene	1200		18.7	130	ug/Kg
105-60-2	Caprolactam	1200		38.6	240	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		21.3	130	ug/Kg
91-57-6	2-Methylnaphthalene	1000		19.0	130	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2800	E	85.9	240	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1300		14.7	130	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		21.6	130	ug/Kg
92-52-4	1,1-Biphenyl	1100		16.1	130	ug/Kg
91-58-7	2-Chloronaphthalene	1100		16.7	130	ug/Kg
88-74-4	2-Nitroaniline	1200		35.6	130	ug/Kg
131-11-3	Dimethylphthalate	1200		20.1	130	ug/Kg

Report of Analysis

Client:	G Environmental	Date Collected:	08/11/25
Project:	Ave B	Date Received:	08/11/25
Client Sample ID:	BIN0009-DRIVEWAY-TP-WESTSIDEMS	SDG No.:	Q2826
Lab Sample ID:	Q2830-05MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	81
Sample Wt/Vol:	50.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143367.D	1	08/12/25 09:15	08/13/25 11:12	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1200		21.4	130	ug/Kg
606-20-2	2,6-Dinitrotoluene	1300		24.9	130	ug/Kg
99-09-2	3-Nitroaniline	820		34.1	130	ug/Kg
83-32-9	Acenaphthene	1200		15.8	130	ug/Kg
51-28-5	2,4-Dinitrophenol	2300	E	170	240	ug/Kg
100-02-7	4-Nitrophenol	1900		79.2	240	ug/Kg
132-64-9	Dibenzofuran	1100		16.8	130	ug/Kg
121-14-2	2,4-Dinitrotoluene	1300		37.1	130	ug/Kg
84-66-2	Diethylphthalate	1200		21.0	130	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		19.8	130	ug/Kg
86-73-7	Fluorene	1100		18.7	130	ug/Kg
100-01-6	4-Nitroaniline	1200		47.5	130	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1500		76.3	240	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1200		24.4	130	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1200		20.6	130	ug/Kg
118-74-1	Hexachlorobenzene	1200		18.7	130	ug/Kg
1912-24-9	Atrazine	1400		25.2	130	ug/Kg
87-86-5	Pentachlorophenol	2300	E	38.0	240	ug/Kg
85-01-8	Phenanthrene	1100		15.5	130	ug/Kg
120-12-7	Anthracene	1100		24.7	130	ug/Kg
86-74-8	Carbazole	1100		23.1	130	ug/Kg
84-74-2	Di-n-butylphthalate	1600		35.5	130	ug/Kg
206-44-0	Fluoranthene	1200		22.2	130	ug/Kg
129-00-0	Pyrene	870		26.7	130	ug/Kg
85-68-7	Butylbenzylphthalate	1800		52.9	130	ug/Kg
91-94-1	3,3-Dichlorobenzidine	960		27.2	240	ug/Kg
56-55-3	Benzo(a)anthracene	1100		17.0	130	ug/Kg
218-01-9	Chrysene	1100		14.7	130	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1800		43.8	130	ug/Kg
117-84-0	Di-n-octyl phthalate	1600		64.3	240	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		14.1	130	ug/Kg

Report of Analysis

Client:	G Environmental	Date Collected:	08/11/25
Project:	Ave B	Date Received:	08/11/25
Client Sample ID:	BIN0009-DRIVEWAY-TP-WESTSIDEMS	SDG No.:	Q2826
Lab Sample ID:	Q2830-05MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	81
Sample Wt/Vol:	50.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143367.D	1	08/12/25 09:15	08/13/25 11:12	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1100		16.6	130	ug/Kg
50-32-8	Benzo(a)pyrene	1200		21.8	130	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		21.6	130	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		20.3	130	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		19.0	130	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		19.0	130	ug/Kg
123-91-1	1,4-Dioxane	980		33.5	130	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1400		20.3	130	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	95.7		30 (18) - 130 (112)	64%	SPK: 150
13127-88-3	Phenol-d6	95.4		30 (15) - 130 (107)	64%	SPK: 150
4165-60-0	Nitrobenzene-d5	75.4		30 (18) - 130 (107)	75%	SPK: 100
321-60-8	2-Fluorobiphenyl	68.9		30 (20) - 130 (109)	69%	SPK: 100
118-79-6	2,4,6-Tribromophenol	121		30 (10) - 130 (116)	81%	SPK: 150
1718-51-0	Terphenyl-d14	58.4		30 (10) - 130 (105)	58%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	138000	6.928			
1146-65-2	Naphthalene-d8	517000	8.21			
15067-26-2	Acenaphthene-d10	273000	9.963			
1517-22-2	Phenanthrene-d10	392000	11.451			
1719-03-5	Chrysene-d12	309000	14.092			
1520-96-3	Perylene-d12	383000	15.58			

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\BF081325\
 Data File : BF143367.D
 Acq On : 13 Aug 2025 11:12
 Operator : RC/JU
 Sample : Q2830-05MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BIN0009-DRIVEWAY-TP-WESTSIDEMS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/14/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 13 11:49:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 12 13:25:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	137804	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	517024	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	272568	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	391965	20.000	ng	0.00
76) Chrysene-d12	14.092	240	309493	20.000	ng	0.00
86) Perylene-d12	15.580	264	383464	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	762938	95.739	ng	0.00
7) Phenol-d6	6.563	99	975086	95.417	ng	0.00
23) Nitrobenzene-d5	7.487	82	626187	75.422	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	241161	121.066	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1107824	68.922	ng	0.00
79) Terphenyl-d14	13.027	244	1013154	58.445	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.804	88	163035	39.537	ng	99
3) Pyridine	3.575	79	438470	39.902	ng	100
4) n-Nitrosodimethylamine	3.510	42	231473	45.221	ng	99
6) Aniline	6.592	93	442543	30.717	ng	95
8) 2-Chlorophenol	6.722	128	387249	45.478	ng	96
9) Benzaldehyde	6.481	77	223837	33.140	ng	98
10) Phenol	6.575	94	499579	41.267	ng	99
11) bis(2-Chloroethyl)ether	6.657	93	401332	44.981	ng	99
12) 1,3-Dichlorobenzene	6.875	146	434984	44.288	ng	99
13) 1,4-Dichlorobenzene	6.945	146	436306	44.261	ng	99
14) 1,2-Dichlorobenzene	7.098	146	419380	44.818	ng	100
15) Benzyl Alcohol	7.069	79	344289	47.000	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	711810	44.687	ng	97
17) 2-Methylphenol	7.181	107	310496	43.198	ng	100
18) Hexachloroethane	7.445	117	149347	48.325	ng	96
19) n-Nitroso-di-n-propyla...	7.334	70	280271	44.386	ng	97
20) 3+4-Methylphenols	7.334	107	369644	42.523	ng	95
22) Acetophenone	7.334	105	511443	44.896	ng	97
24) Nitrobenzene	7.504	77	418648	46.430	ng	99
25) Isophorone	7.745	82	768386	45.335	ng	99
26) 2-Nitrophenol	7.822	139	203194	55.608	ng	99
27) 2,4-Dimethylphenol	7.863	122	349296m	49.398	ng	
28) bis(2-Chloroethoxy)met...	7.951	93	478776	46.267	ng	100
29) 2,4-Dichlorophenol	8.069	162	324090	46.926	ng	99
30) 1,2,4-Trichlorobenzene	8.151	180	347348	47.679	ng	99
31) Naphthalene	8.234	128	1089838	43.806	ng	100
32) Benzoic acid	7.975	122	193304	58.598	ng	99
33) 4-Chloroaniline	8.275	127	219162	24.424	ng	99
34) Hexachlorobutadiene	8.351	225	213552	47.123	ng	100
35) Caprolactam	8.645	113	95843	49.365	ng	99
36) 4-Chloro-3-methylphenol	8.763	107	325053	44.895	ng	99
37) 2-Methylnaphthalene	8.922	142	660623	40.391	ng	99
38) 1-Methylnaphthalene	9.022	142	682387	43.320	ng	100
40) 1,2,4,5-Tetrachloroben...	9.092	216	340812	45.694	ng	99
41) Hexachlorocyclopentadiene	9.081	237	306137	113.347	ng	98
43) 2,4,6-Trichlorophenol	9.204	196	214621	50.715	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
 Data File : BF143367.D
 Acq On : 13 Aug 2025 11:12
 Operator : RC/JU
 Sample : Q2830-05MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BIN0009-DRIVEWAY-TP-WESTSIDEMS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/14/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 13 11:49:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 12 13:25:39 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	229789	48.084	ng	98
46) 1,1'-Biphenyl	9.386	154	876424	45.476	ng	99
47) 2-Chloronaphthalene	9.410	162	670874	44.200	ng	99
48) 2-Nitroaniline	9.504	65	209062	47.772	ng	99
49) Acenaphthylene	9.828	152	1078567	49.207	ng	100
50) Dimethylphthalate	9.680	163	767406	48.184	ng	100
51) 2,6-Dinitrotoluene	9.739	165	165224	54.402	ng	97
52) Acenaphthene	9.998	154	682321	46.824	ng	99
53) 3-Nitroaniline	9.910	138	108458	33.253	ng	98
54) 2,4-Dinitrophenol	10.022	184	128950	93.173	ng #	82
55) Dibenzofuran	10.169	168	930157	44.351	ng	100
56) 4-Nitrophenol	10.080	139	201185	77.373	ng	96
57) 2,4-Dinitrotoluene	10.145	165	215672	53.556	ng	93
58) Fluorene	10.516	166	710470	44.351	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.292	232	187331	58.151	ng	97
60) Diethylphthalate	10.380	149	719937	50.466	ng	99
61) 4-Chlorophenyl-phenyle...	10.504	204	352284	45.513	ng	99
62) 4-Nitroaniline	10.522	138	150805	47.789	ng	99
63) Azobenzene	10.663	77	785525	48.208	ng	97
65) 4,6-Dinitro-2-methylph...	10.557	198	98616	60.040	ng	95
66) n-Nitrosodiphenylamine	10.622	169	608929	47.180	ng	99
67) 4-Bromophenyl-phenylether	10.992	248	215964	48.176	ng	98
68) Hexachlorobenzene	11.063	284	225664	46.702	ng	98
69) Atrazine	11.145	200	184901	54.927	ng	99
70) Pentachlorophenol	11.257	266	226544	94.613	ng	97
71) Phenanthrene	11.474	178	960966	44.935	ng	99
72) Anthracene	11.527	178	994942	45.875	ng	99
73) Carbazole	11.680	167	820685	44.432	ng	99
74) Di-n-butylphthalate	12.004	149	1030302	65.918	ng	100
75) Fluoranthene	12.663	202	909808	48.568	ng	99
77) Benzidine	12.780	184	293910	34.736	ng	99
78) Pyrene	12.892	202	914572	35.225	ng	100
80) Butylbenzylphthalate	13.504	149	381128	72.449	ng	97
81) Benzo(a)anthracene	14.080	228	899115	45.707	ng	100
82) 3,3'-Dichlorobenzidine	14.039	252	206592	38.894	ng	98
83) Chrysene	14.115	228	830343	45.269	ng	99
84) Bis(2-ethylhexyl)phtha...	14.063	149	559729	71.994	ng	98
85) Di-n-octyl phthalate	14.674	149	1029373	65.934	ng	98
87) Indeno(1,2,3-cd)pyrene	17.104	276	1220480	44.425	ng	100
88) Benzo(b)fluoranthene	15.145	252	1021721	48.714	ng	99
89) Benzo(k)fluoranthene	15.174	252	918699	45.078	ng	99
90) Benzo(a)pyrene	15.515	252	951612	48.173	ng	99
91) Dibenzo(a,h)anthracene	17.115	278	979680	44.637	ng	100
92) Benzo(g,h,i)perylene	17.562	276	974809	44.090	ng	98

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

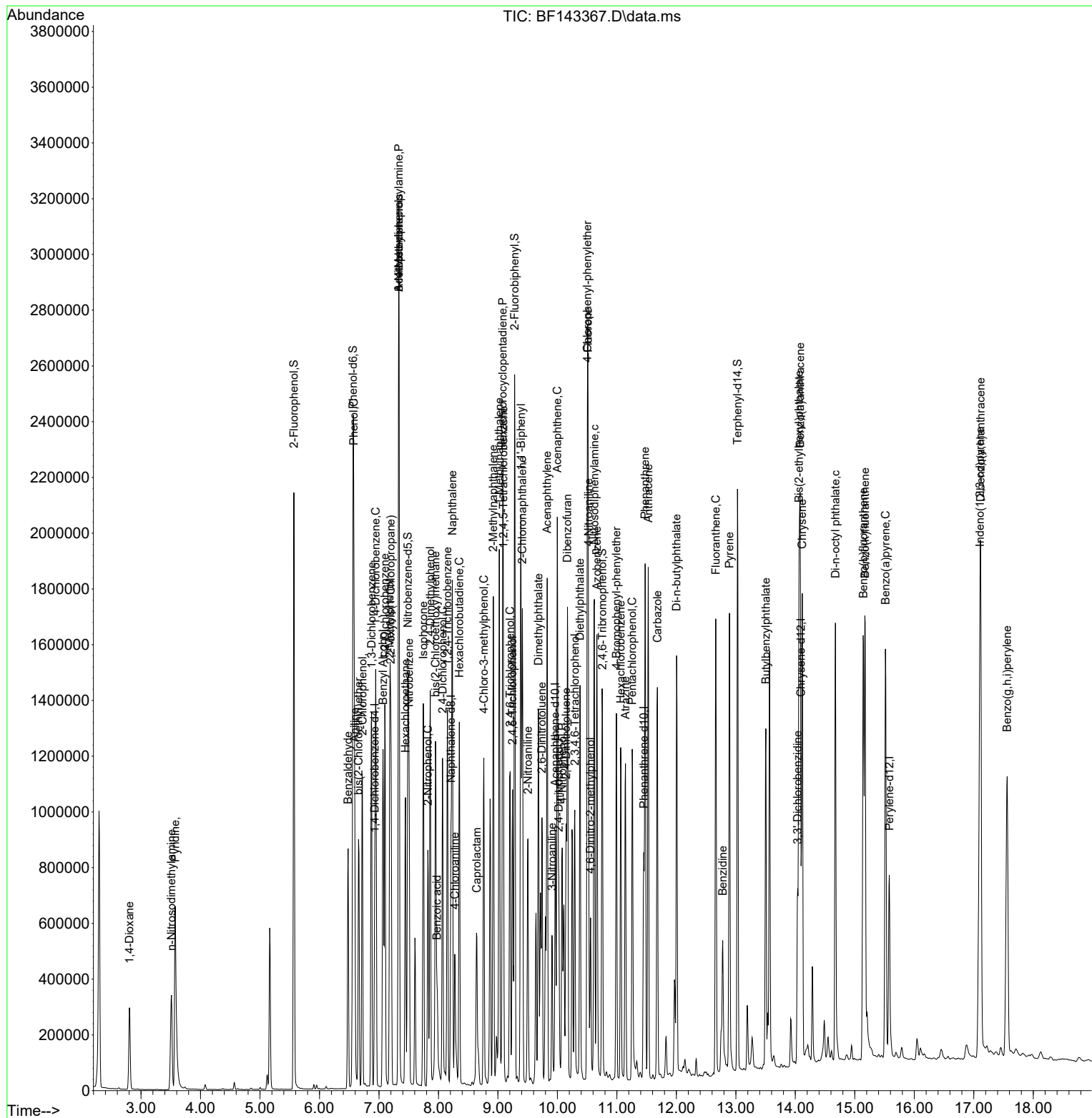

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Acq On    : 13 Aug 2025  11:12  
Operator  : RC/JU  
Sample    : Q2830-05MS  
Misc      :  
ALS Vial  : 4    Sample Multiplier: 1
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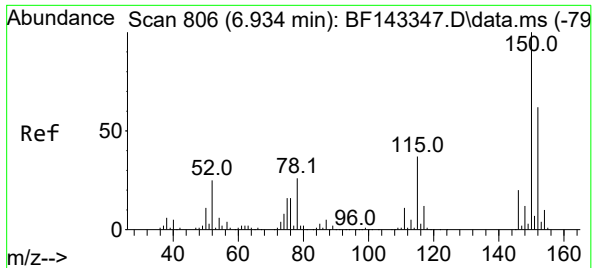
Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMS

Manual Integrations

Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

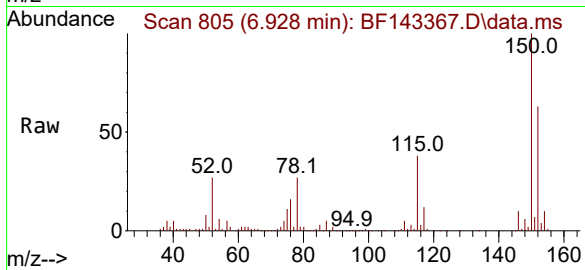
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

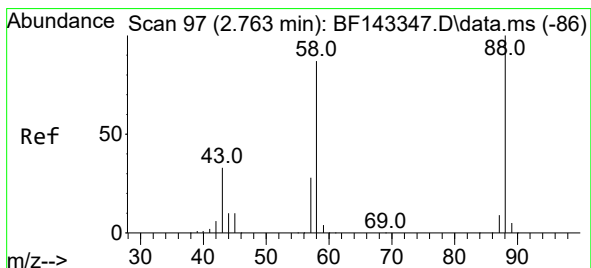
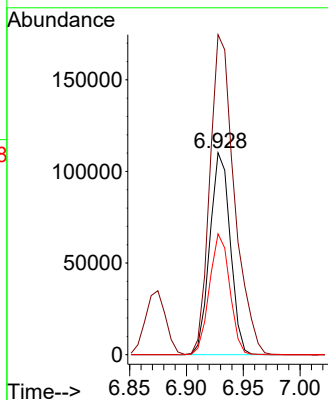
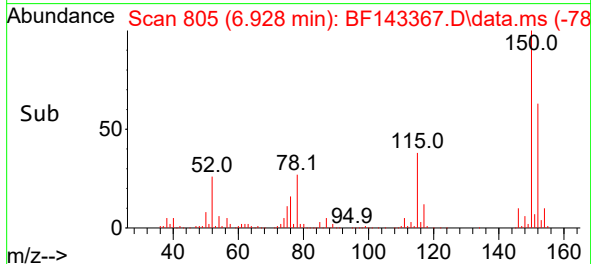
Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMS



Tgt Ion:152 Resp: 137804
Ion Ratio Lower Upper
152 100
150 158.5 129.8 194.8
115 59.9 47.8 71.8

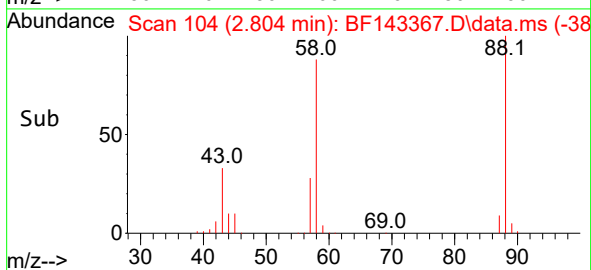
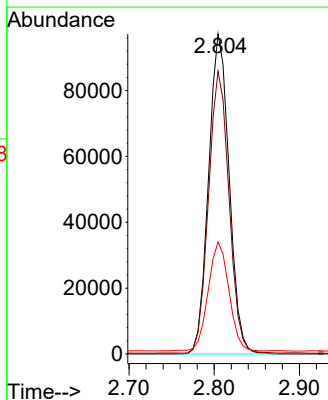
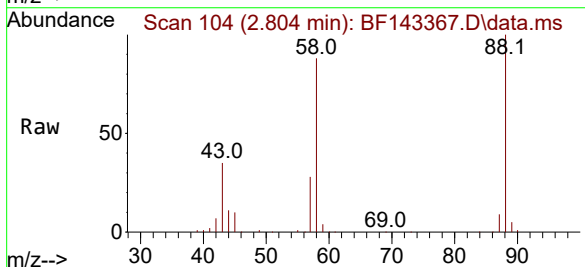
Manual Integrations
APPROVED

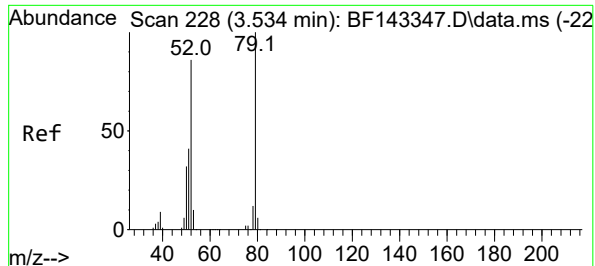
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#2
1,4-Dioxane
Concen: 39.537 ng
RT: 2.804 min Scan# 104
Delta R.T. 0.041 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion: 88 Resp: 163035
Ion Ratio Lower Upper
88 100
58 87.6 71.0 106.6
43 34.3 27.0 40.6





#3

Pyridine

Concen: 39.902 ng

RT: 3.575 min Scan# 21

Delta R.T. 0.041 min

Lab File: BF143367.D

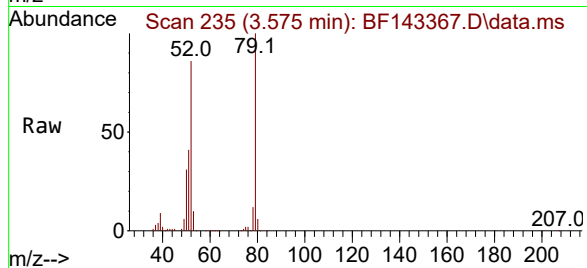
Acq: 13 Aug 2025 11:12

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDEMS



Tgt Ion: 79 Resp: 438470

Ion Ratio Lower Upper

79 100

52 85.9 68.7 103.1

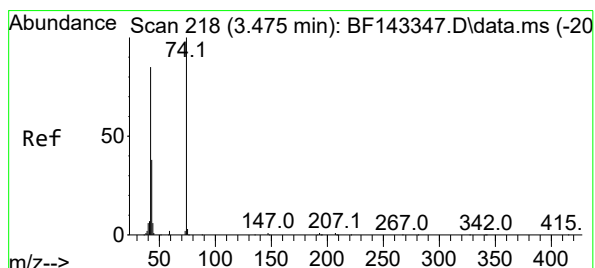
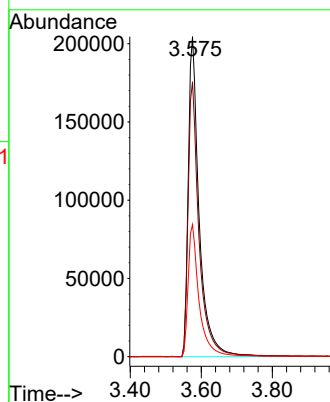
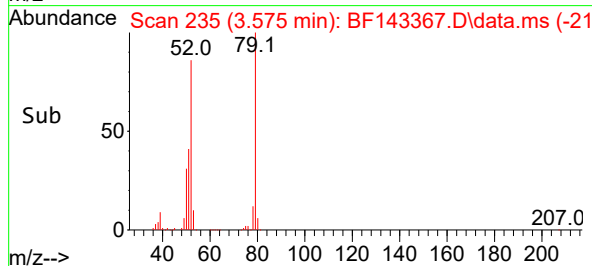
51 41.3 33.4 50.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#4

n-Nitrosodimethylamine

Concen: 45.221 ng

RT: 3.510 min Scan# 224

Delta R.T. 0.035 min

Lab File: BF143367.D

Acq: 13 Aug 2025 11:12

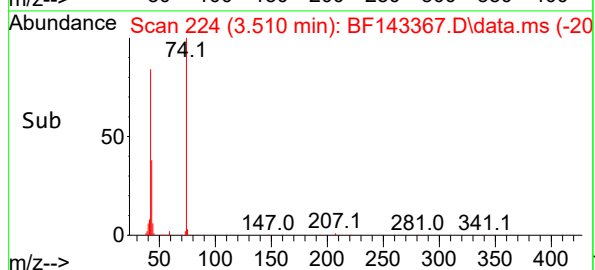
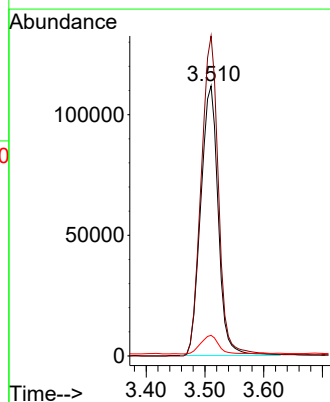
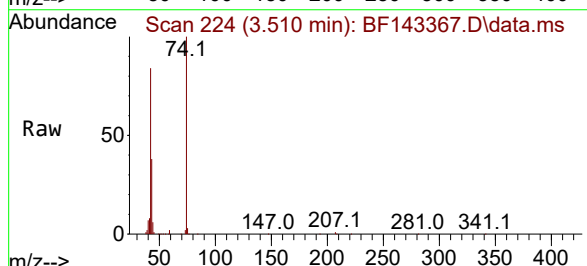
Tgt Ion: 42 Resp: 231473

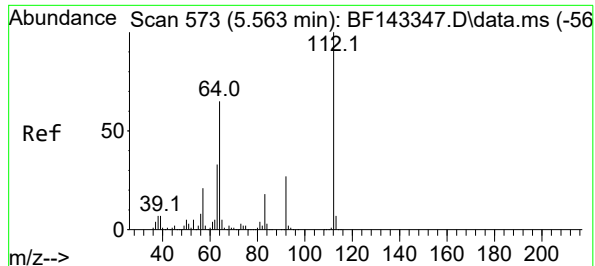
Ion Ratio Lower Upper

42 100

74 118.5 94.1 141.1

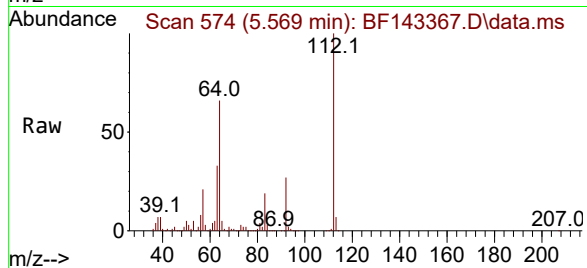
44 7.7 6.5 9.7





#5
2-Fluorophenol
Concen: 95.739 ng
RT: 5.569 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

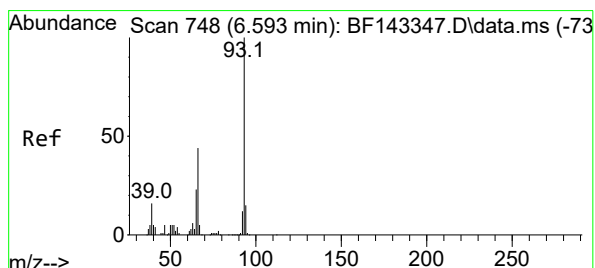
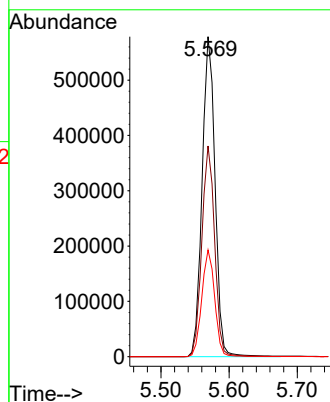
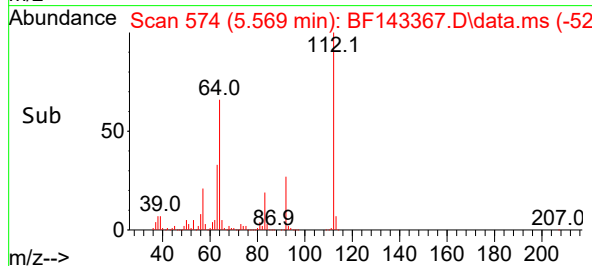
Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMS



Tgt Ion: 112 Resp: 762938
Ion Ratio Lower Upper
112 100
64 65.8 52.1 78.1
63 33.3 26.6 39.8

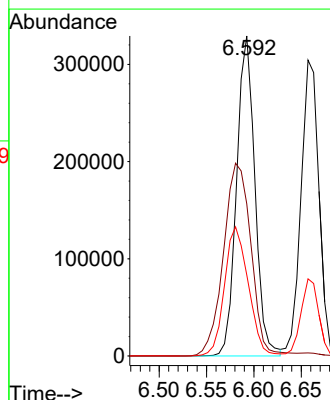
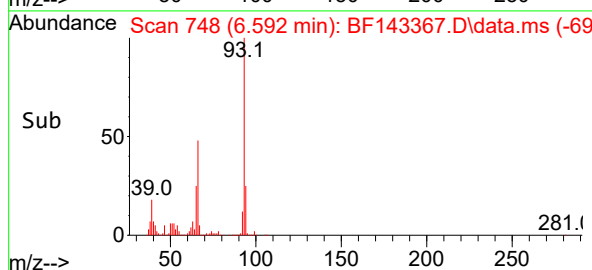
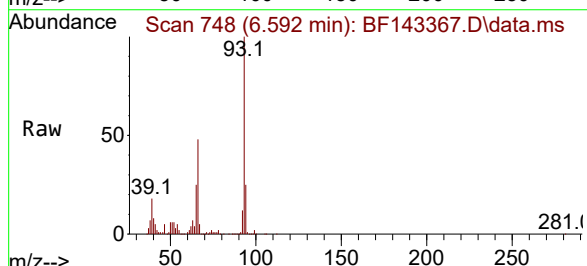
Manual Integrations
APPROVED

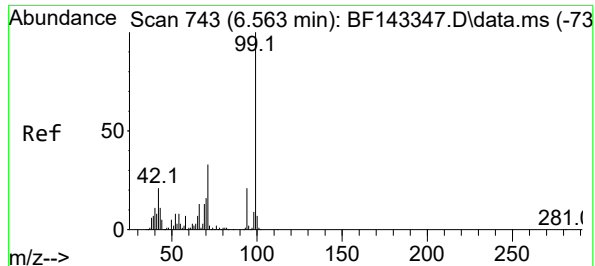
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#6
Aniline
Concen: 30.717 ng
RT: 6.592 min Scan# 748
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

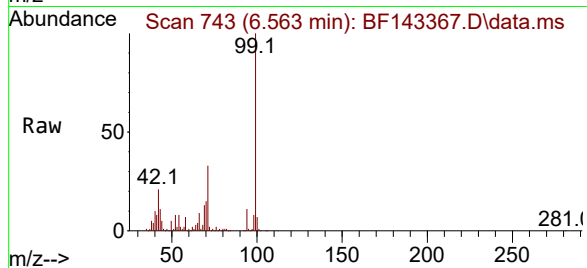
Tgt Ion: 93 Resp: 442543
Ion Ratio Lower Upper
93 100
66 47.6 35.3 52.9
65 25.4 18.2 27.4





#7
Phenol-d6
Concen: 95.417 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

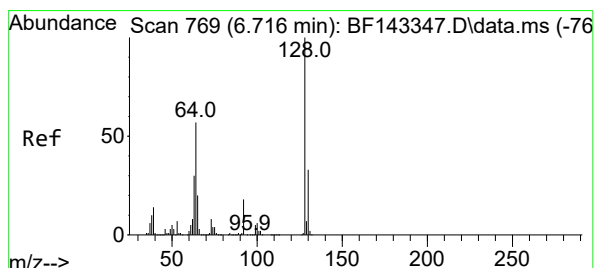
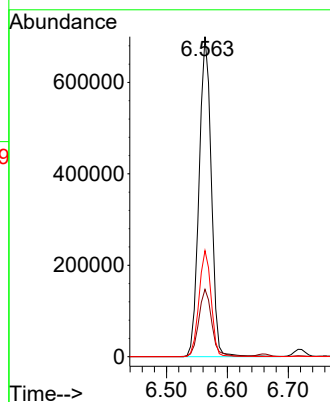
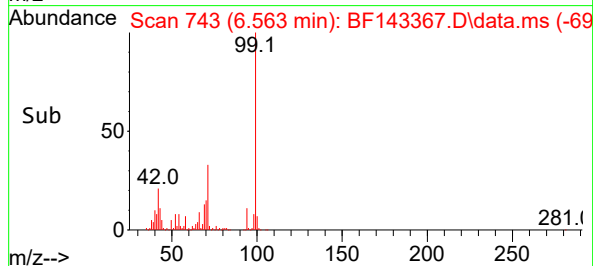
Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMS



Tgt Ion: 99 Resp: 975080
Ion Ratio Lower Upper
99 100
42 21.0 16.6 25.0
71 33.2 26.2 39.2

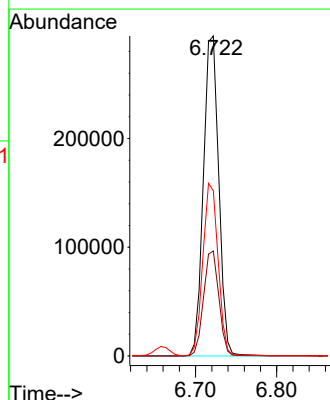
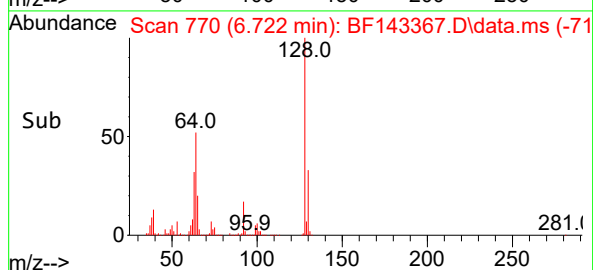
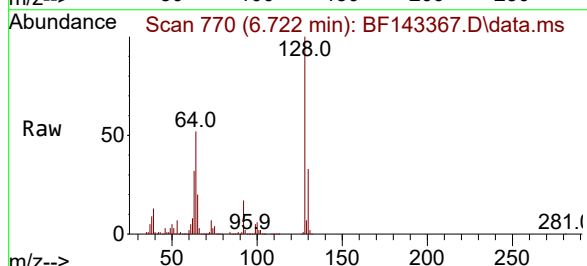
Manual Integrations
APPROVED

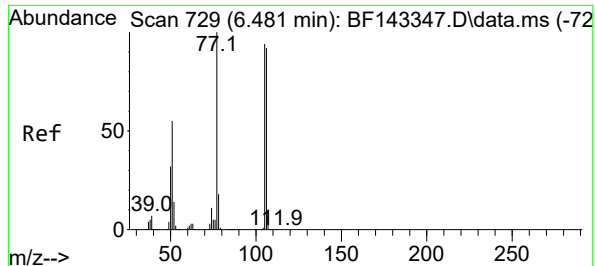
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#8
2-Chlorophenol
Concen: 45.478 ng
RT: 6.722 min Scan# 770
Delta R.T. 0.006 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

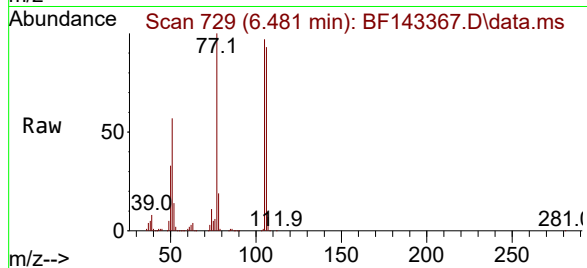
Tgt Ion:128 Resp: 387249
Ion Ratio Lower Upper
128 100
130 32.8 12.6 52.6
64 51.7 36.7 76.7





#9
Benzaldehyde
Concen: 33.140 ng
RT: 6.481 min Scan# 729
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

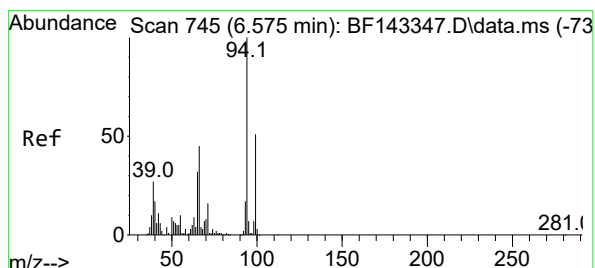
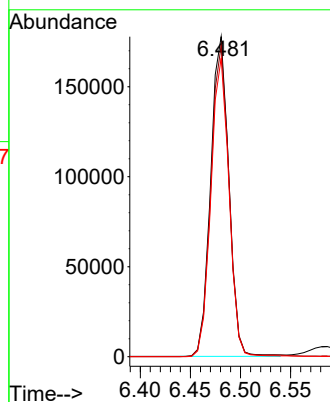
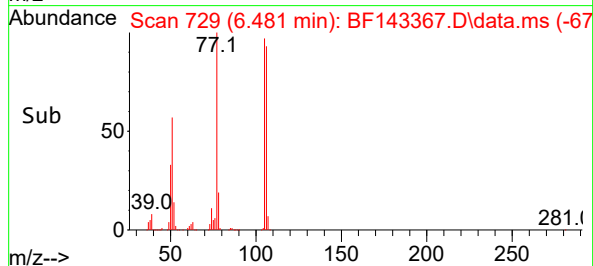
Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMS



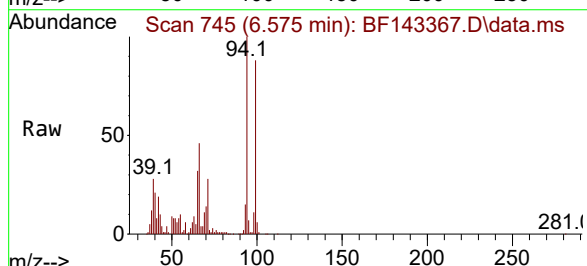
Tgt Ion: 77 Resp: 22383
Ion Ratio Lower Upper
77 100
105 97.2 74.2 114.2
106 93.3 72.2 112.2

Manual Integrations
APPROVED

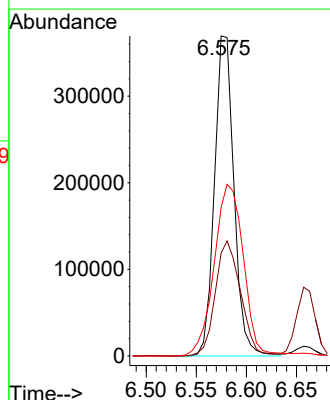
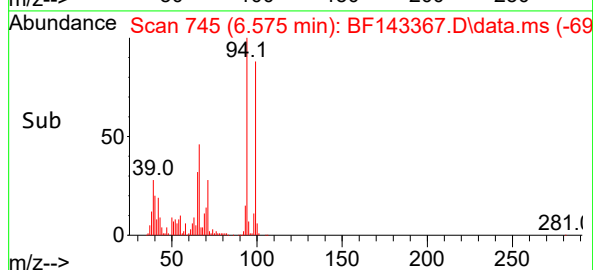
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

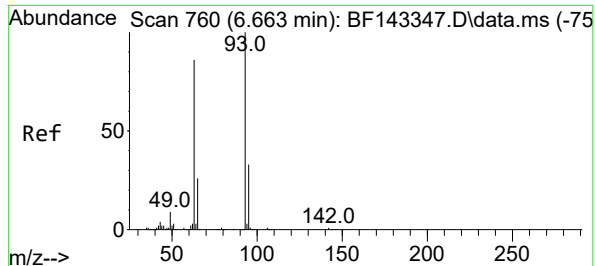


#10
Phenol
Concen: 41.267 ng
RT: 6.575 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12



Tgt Ion: 94 Resp: 499579
Ion Ratio Lower Upper
94 100
65 32.2 12.0 52.0
66 46.4 25.6 65.6





#11

bis(2-Chloroethyl)ether

Concen: 44.981 ng

RT: 6.657 min Scan# 759

Delta R.T. -0.006 min

Lab File: BF143367.D

Acq: 13 Aug 2025 11:12

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDEMS

Tgt Ion: 93 Resp: 401332

Ion Ratio Lower Upper

93 100

63 85.3 65.7 105.7

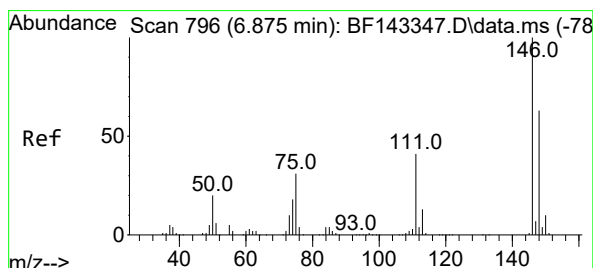
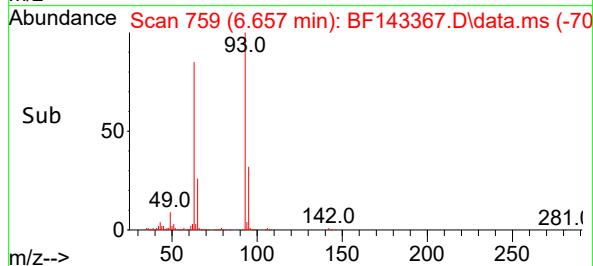
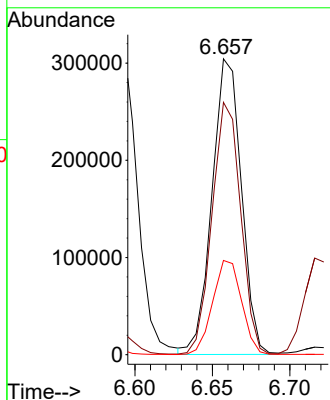
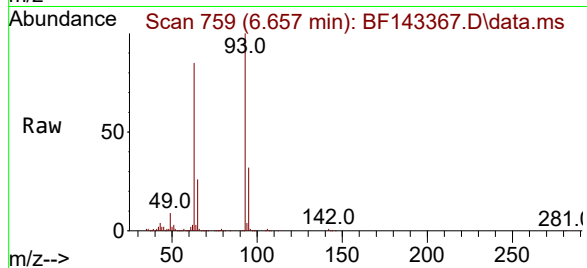
95 31.8 13.0 53.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#12

1,3-Dichlorobenzene

Concen: 44.288 ng

RT: 6.875 min Scan# 796

Delta R.T. -0.000 min

Lab File: BF143367.D

Acq: 13 Aug 2025 11:12

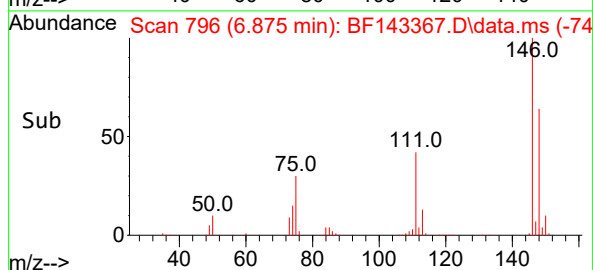
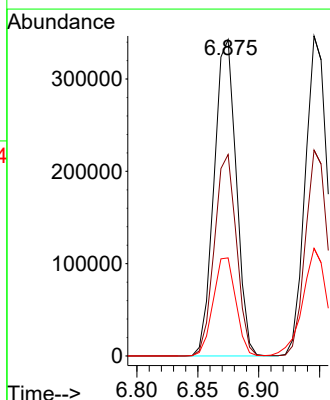
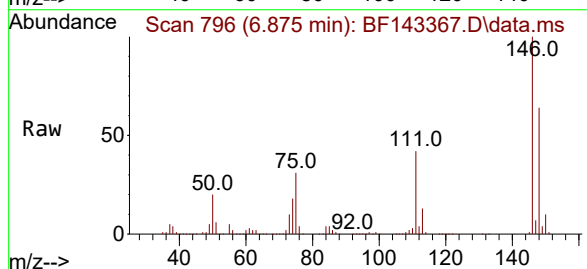
Tgt Ion:146 Resp: 434984

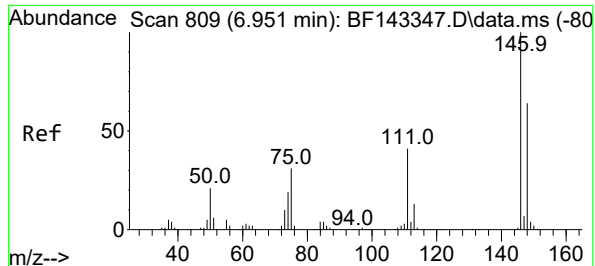
Ion Ratio Lower Upper

146 100

148 63.7 50.5 75.7

75 31.0 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 44.261 ng

RT: 6.945 min Scan# 809

Delta R.T. -0.006 min

Lab File: BF143367.D

Acq: 13 Aug 2025 11:12

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDEMS

Tgt Ion:146 Resp: 436300

Ion Ratio Lower Upper

146 100

148 64.4 51.4 77.0

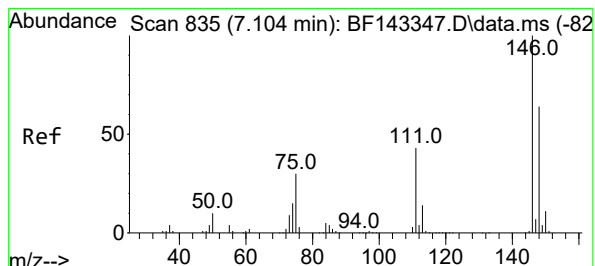
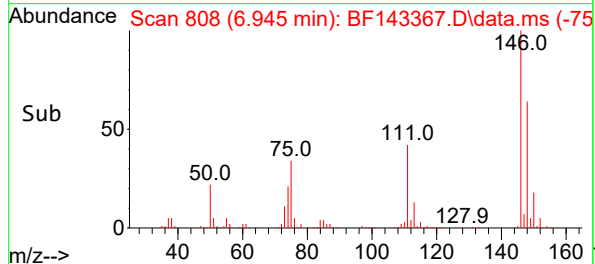
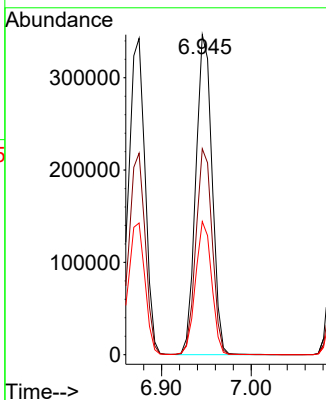
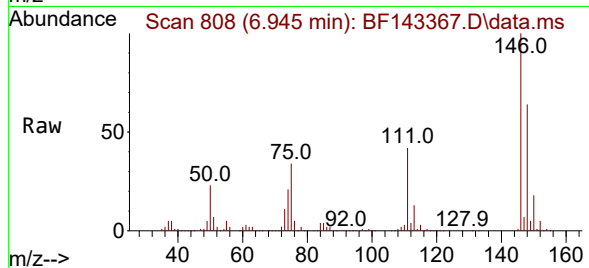
111 41.6 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#14

1,2-Dichlorobenzene

Concen: 44.818 ng

RT: 7.098 min Scan# 834

Delta R.T. -0.006 min

Lab File: BF143367.D

Acq: 13 Aug 2025 11:12

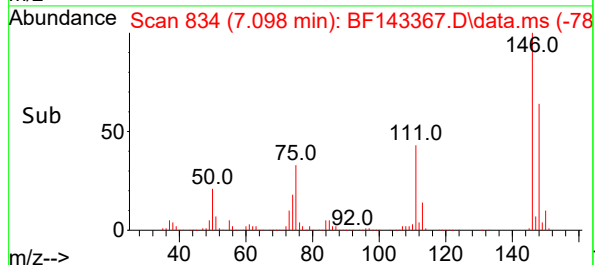
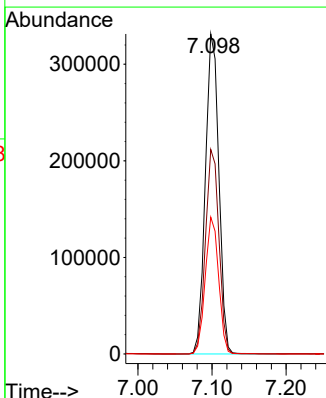
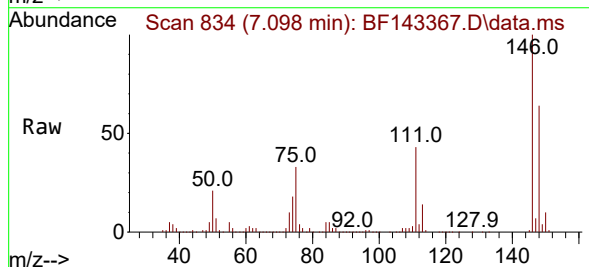
Tgt Ion:146 Resp: 419380

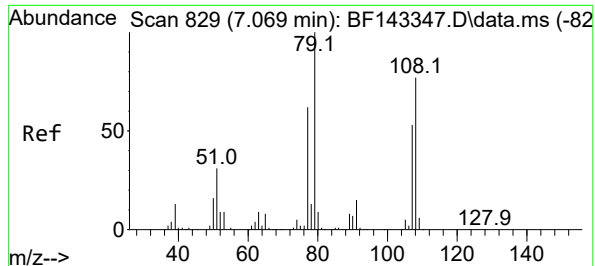
Ion Ratio Lower Upper

146 100

148 63.9 51.4 77.2

111 42.8 34.1 51.1





#15

Benzyl Alcohol

Concen: 47.000 ng

RT: 7.069 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF143367.D

Acq: 13 Aug 2025 11:12

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDEMS

Tgt Ion: 79 Resp: 344289

Ion Ratio Lower Upper

79 100

108 77.4 61.5 92.3

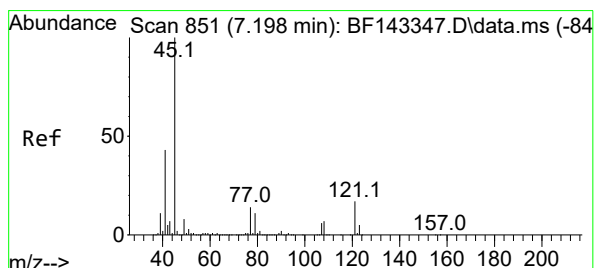
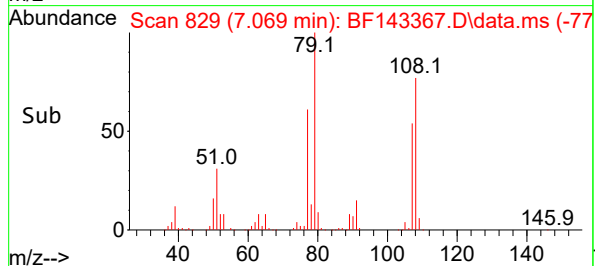
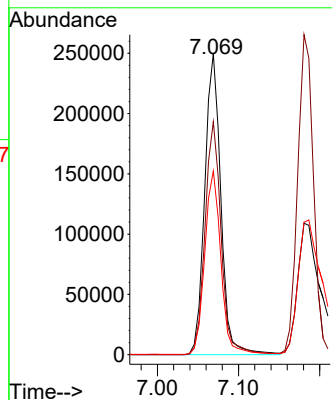
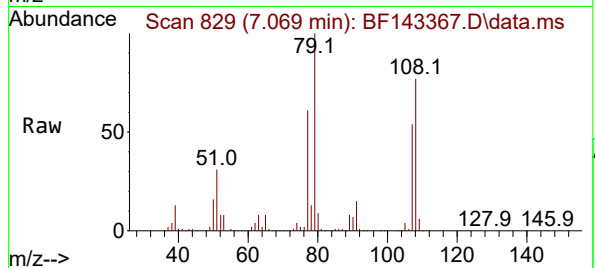
77 61.0 49.8 74.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.687 ng

RT: 7.198 min Scan# 851

Delta R.T. -0.000 min

Lab File: BF143367.D

Acq: 13 Aug 2025 11:12

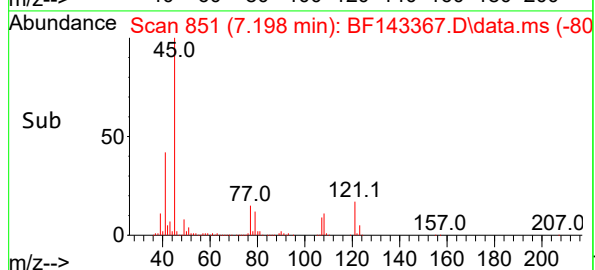
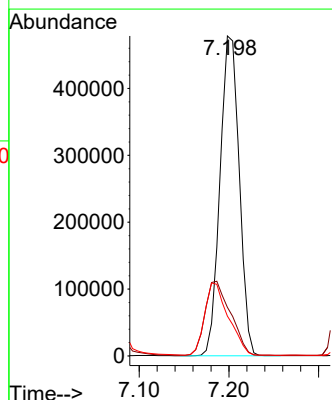
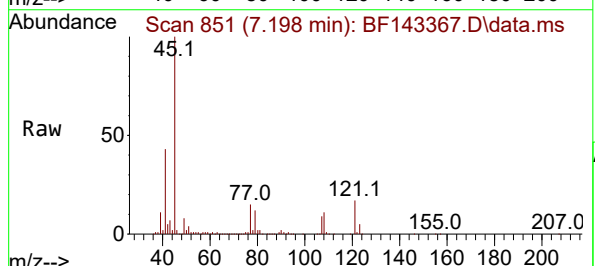
Tgt Ion: 45 Resp: 711810

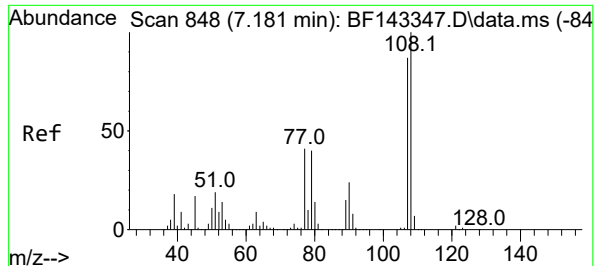
Ion Ratio Lower Upper

45 100

77 15.2 0.0 34.0

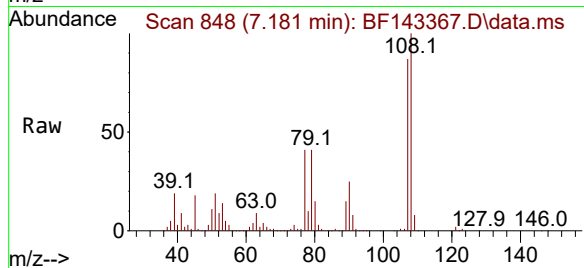
79 12.4 0.0 31.1





#17
2-Methylphenol
Concen: 43.198 ng
RT: 7.181 min Scan# 848
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

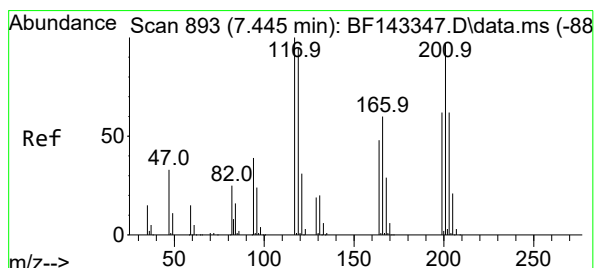
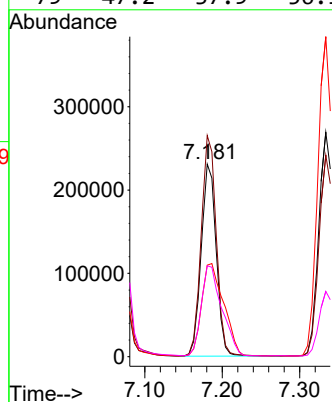
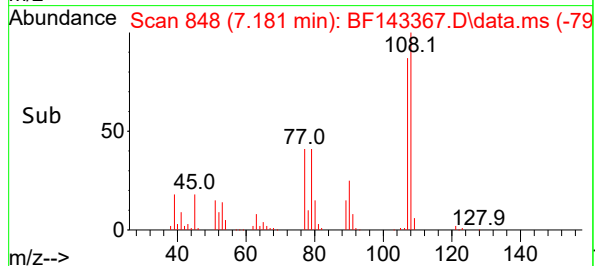
Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMS



Tgt Ion:107 Resp: 310490
Ion Ratio Lower Upper
107 100
108 114.8 92.0 138.0
77 47.5 38.2 57.2
79 47.2 37.9 56.9

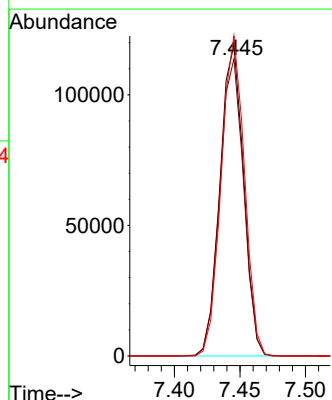
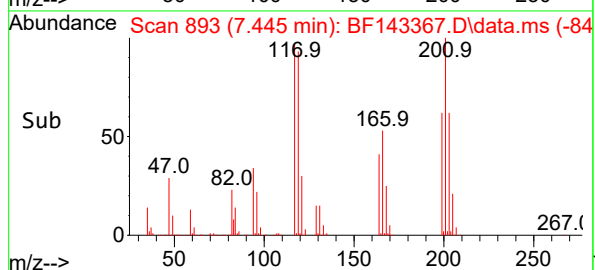
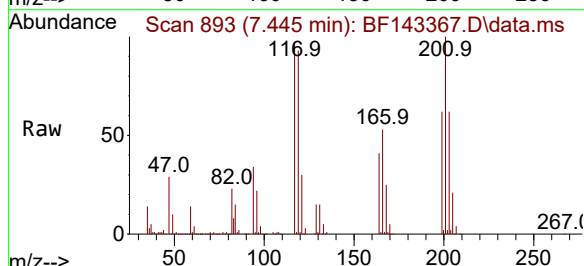
Manual Integrations
APPROVED

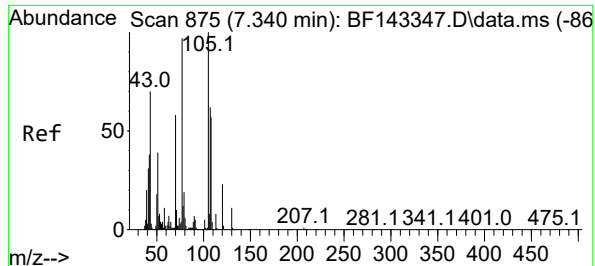
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#18
Hexachloroethane
Concen: 48.325 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:117 Resp: 149347
Ion Ratio Lower Upper
117 100
119 95.5 75.8 113.8
201 102.8 77.2 115.8





#19

n-Nitroso-di-n-propylamine

Concen: 44.386 ng

RT: 7.334 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF143367.D

Acq: 13 Aug 2025 11:12

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDEMS

Tgt Ion: 70 Resp: 28027

Ion Ratio Lower Upper

70 100

42 67.1 51.6 77.4

101 9.1 7.5 11.3

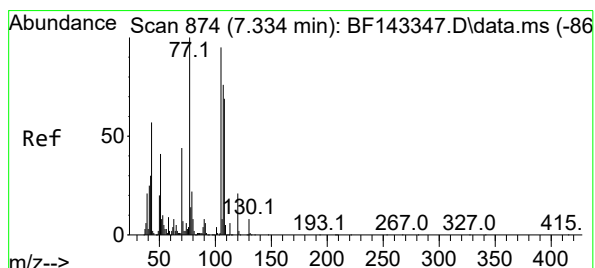
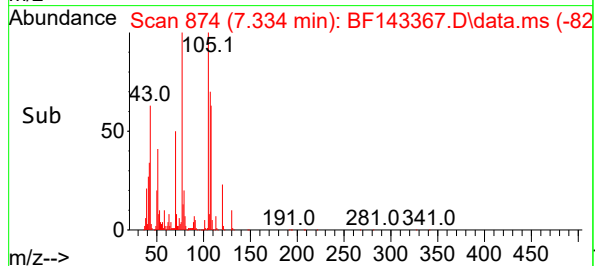
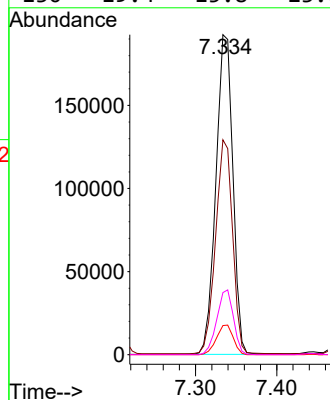
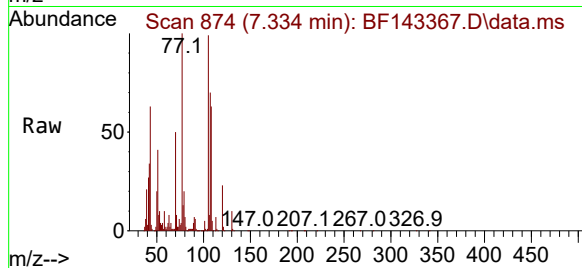
130 19.4 15.8 23.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#20

3+4-Methylphenols

Concen: 42.523 ng

RT: 7.334 min Scan# 874

Delta R.T. -0.000 min

Lab File: BF143367.D

Acq: 13 Aug 2025 11:12

Tgt Ion:107 Resp: 369644

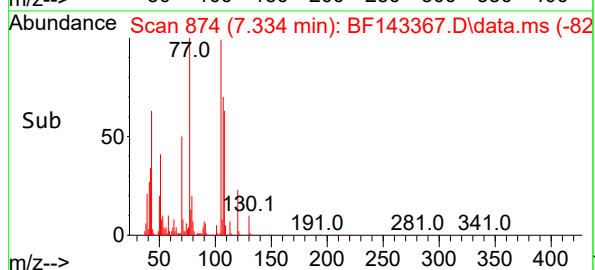
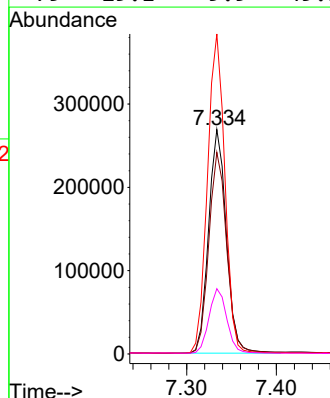
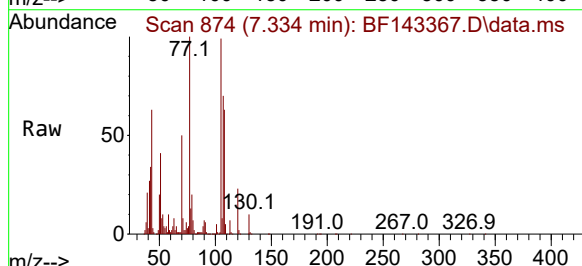
Ion Ratio Lower Upper

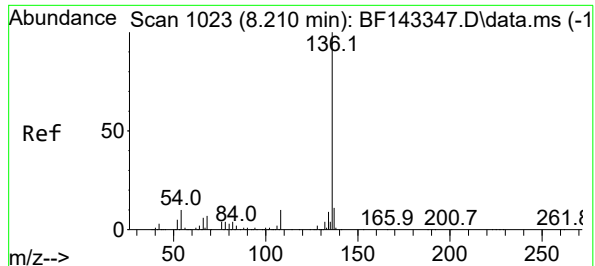
107 100

108 89.8 70.6 110.6

77 142.5 112.0 152.0

79 29.1 9.9 49.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.210 min Scan# 1023

Delta R.T. -0.000 min

Lab File: BF143367.D

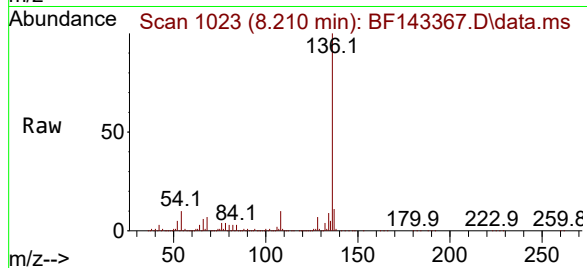
Acq: 13 Aug 2025 11:12

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDEMS



Tgt Ion:136 Resp: 517024

Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 10.3 8.4 12.6

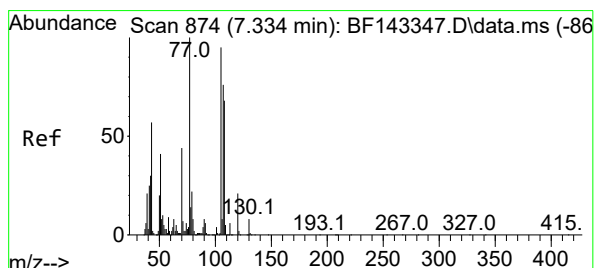
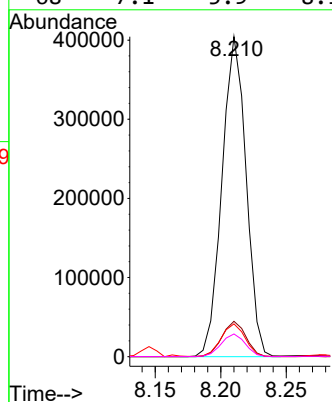
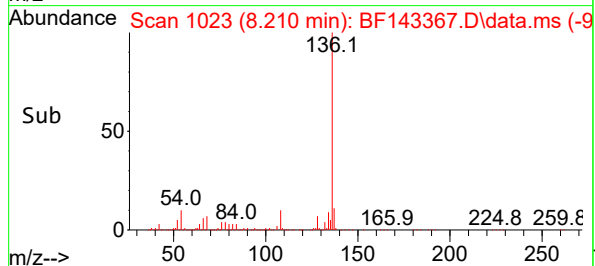
68 7.1 5.9 8.9

Manual Integrations

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Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#22

Acetophenone

Concen: 44.896 ng

RT: 7.334 min Scan# 874

Delta R.T. -0.000 min

Lab File: BF143367.D

Acq: 13 Aug 2025 11:12

Tgt Ion:105 Resp: 511443

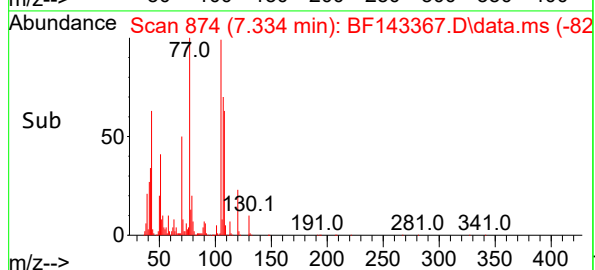
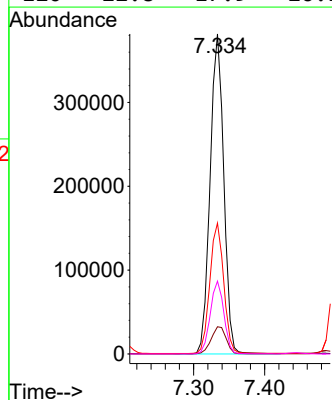
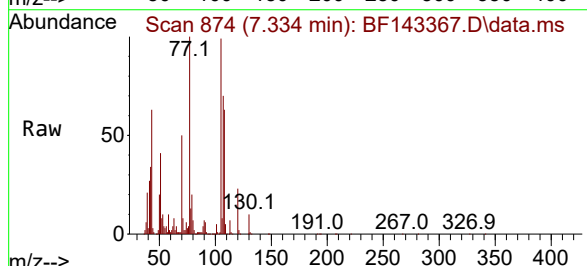
Ion Ratio Lower Upper

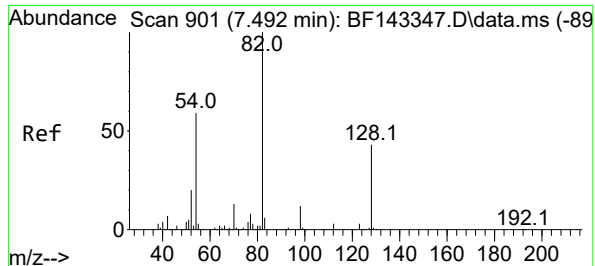
105 100

71 8.5 6.2 9.4

51 40.9 34.8 52.2

120 22.8 17.9 26.9





#23

Nitrobenzene-d5

Concen: 75.422 ng

RT: 7.487 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF143367.D

Acq: 13 Aug 2025 11:12

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDEMS

Tgt Ion: 82 Resp: 62618

Ion Ratio Lower Upper

82 100

128 43.1 33.5 50.3

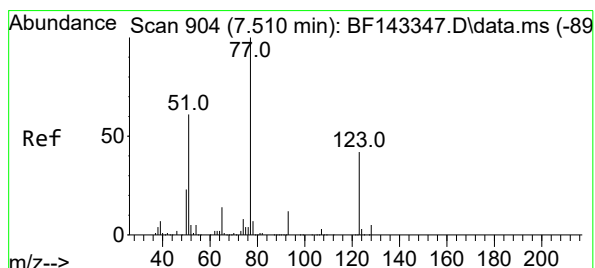
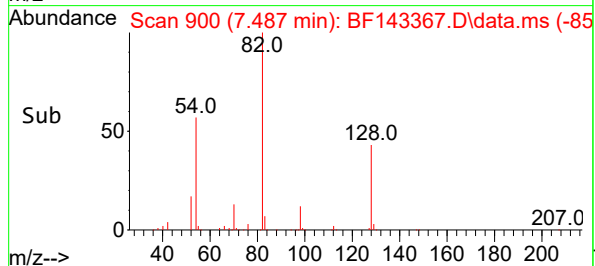
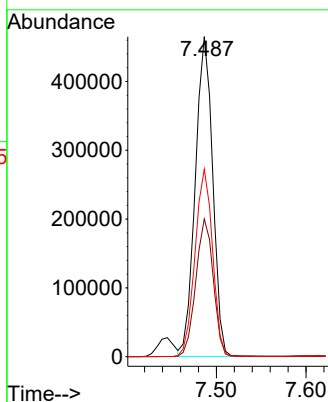
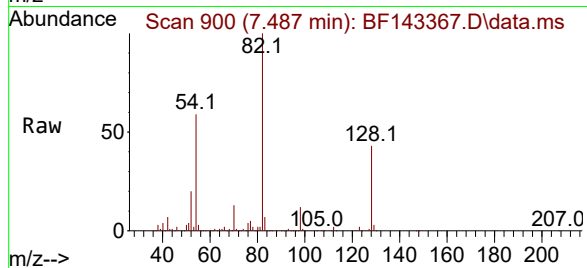
54 58.6 46.7 70.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#24

Nitrobenzene

Concen: 46.430 ng

RT: 7.504 min Scan# 903

Delta R.T. -0.006 min

Lab File: BF143367.D

Acq: 13 Aug 2025 11:12

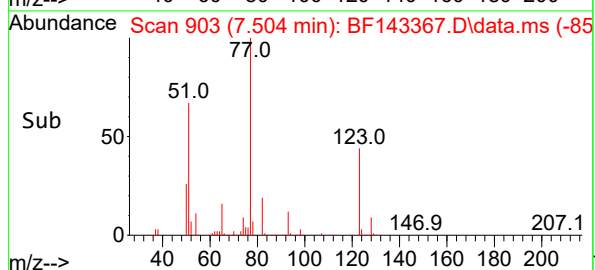
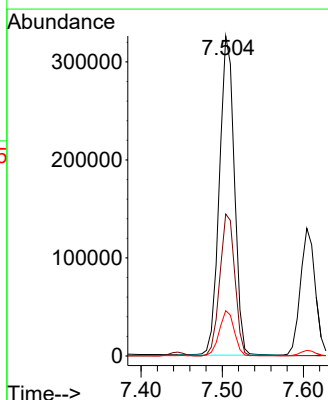
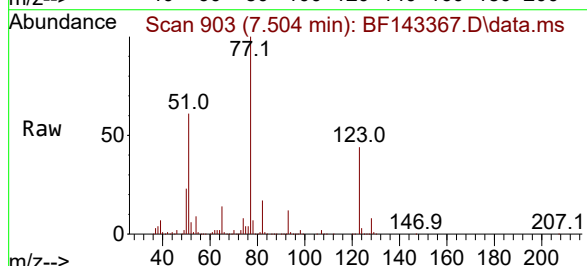
Tgt Ion: 77 Resp: 418648

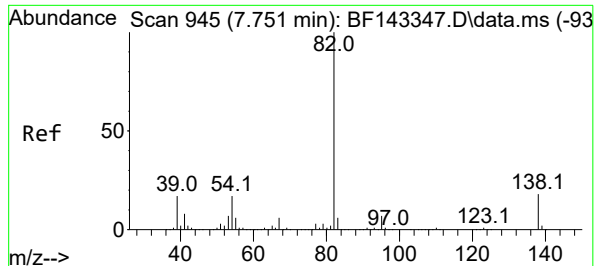
Ion Ratio Lower Upper

77 100

123 44.3 34.8 52.2

65 14.2 11.0 16.6





#25

Isophorone

Concen: 45.335 ng

RT: 7.745 min Scan# 94

Delta R.T. -0.006 min

Lab File: BF143367.D

Acq: 13 Aug 2025 11:12

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDEMS

Tgt Ion: 82 Resp: 76838

Ion Ratio Lower Upper

82 100

95 6.8 5.5 8.3

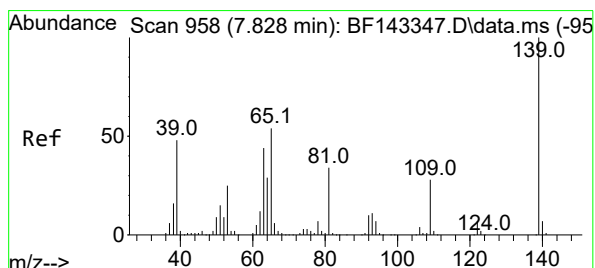
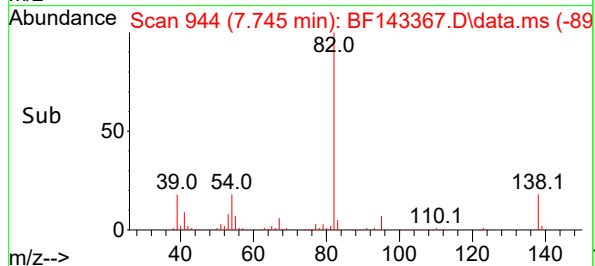
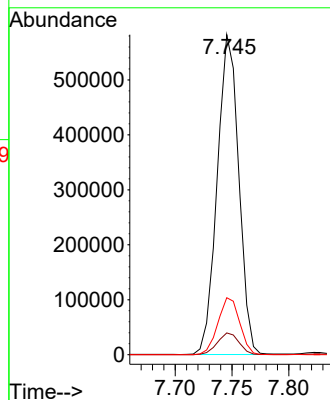
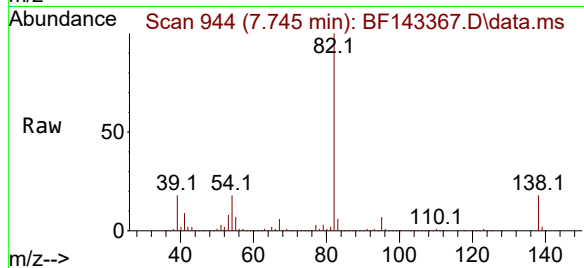
138 17.8 14.6 21.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#26

2-Nitrophenol

Concen: 55.608 ng

RT: 7.822 min Scan# 957

Delta R.T. -0.006 min

Lab File: BF143367.D

Acq: 13 Aug 2025 11:12

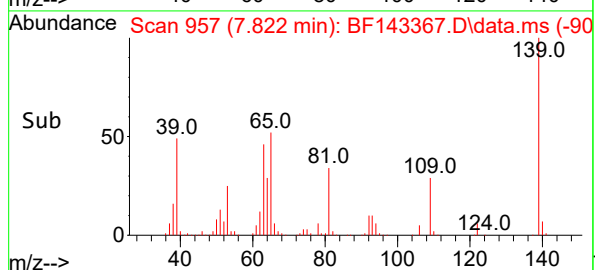
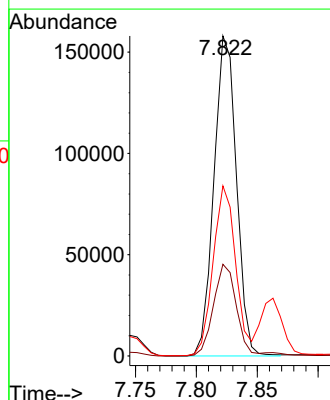
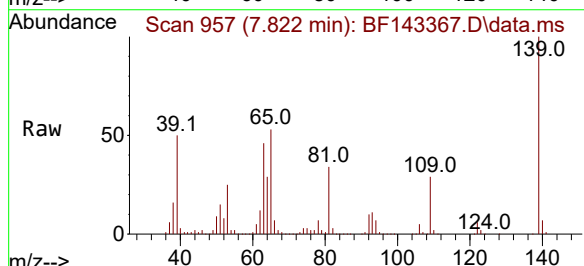
Tgt Ion:139 Resp: 203194

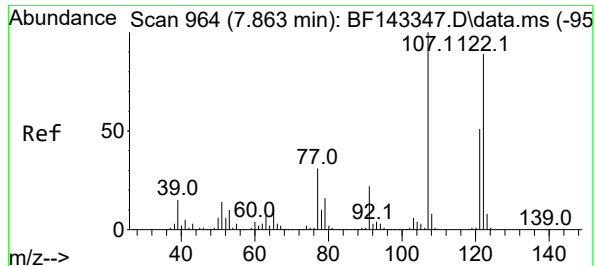
Ion Ratio Lower Upper

139 100

109 28.7 22.4 33.6

65 53.2 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 49.398 ng m

RT: 7.863 min Scan# 9

Delta R.T. -0.000 min

Lab File: BF143367.D

Acq: 13 Aug 2025 11:12

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDEMS

Tgt Ion:122 Resp: 349290

Ion Ratio Lower Upper

122 100

107 114.5 89.9 134.9

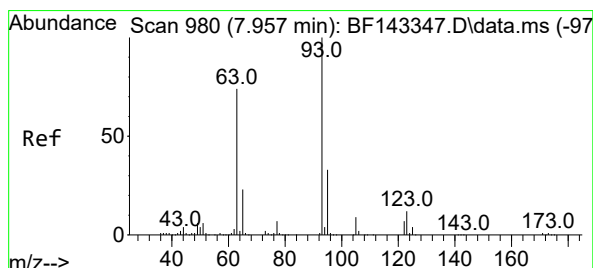
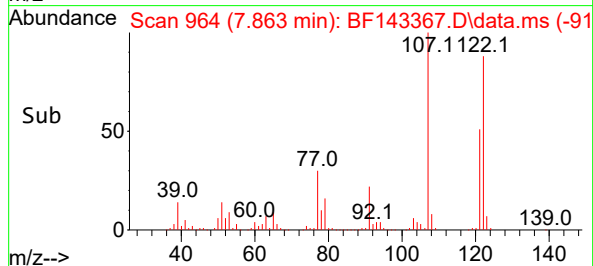
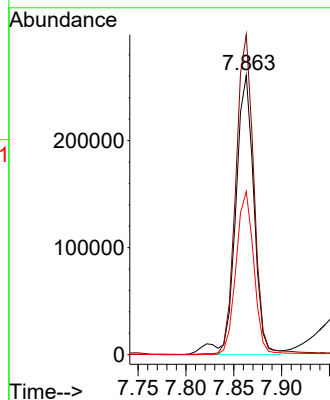
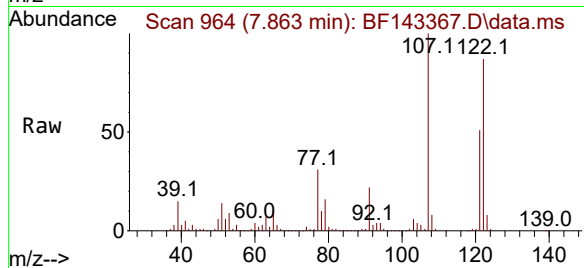
121 58.4 46.2 69.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#28

bis(2-Chloroethoxy)methane

Concen: 46.267 ng

RT: 7.951 min Scan# 979

Delta R.T. -0.006 min

Lab File: BF143367.D

Acq: 13 Aug 2025 11:12

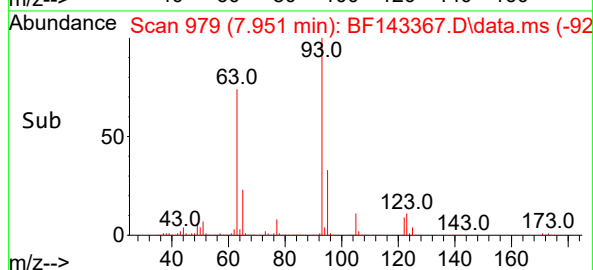
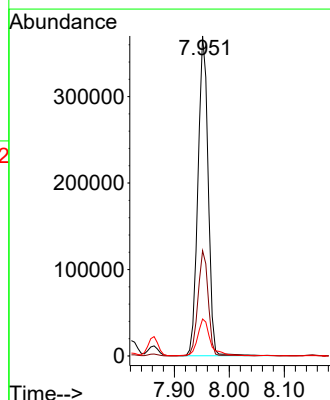
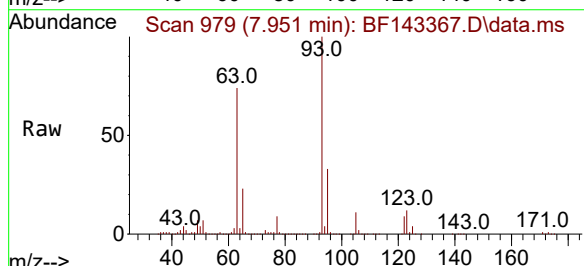
Tgt Ion: 93 Resp: 478776

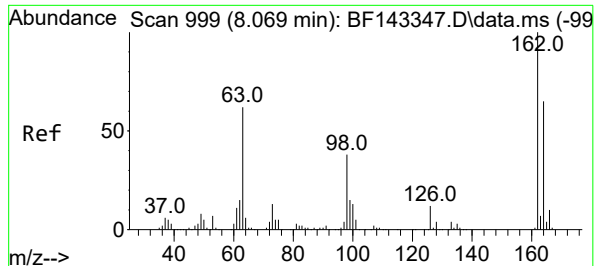
Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.4

123 11.6 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 46.926 ng

RT: 8.069 min Scan# 999

Delta R.T. -0.000 min

Lab File: BF143367.D

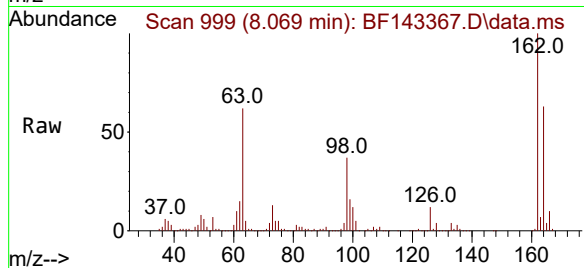
Acq: 13 Aug 2025 11:12

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDEMS



Tgt Ion:162 Resp: 324090

Ion Ratio Lower Upper

162 100

164 63.3 44.5 84.5

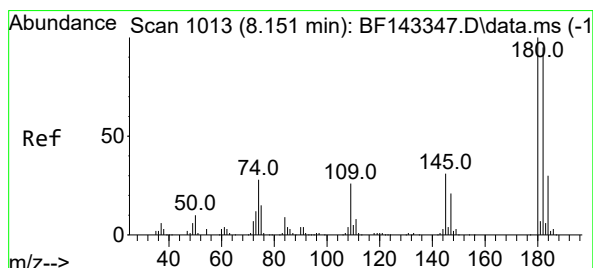
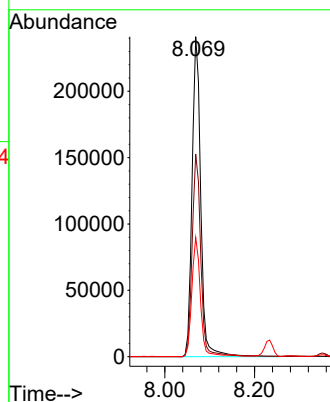
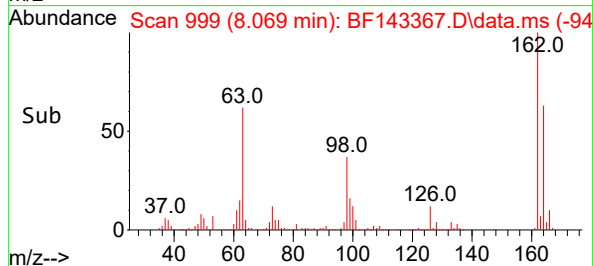
98 37.3 17.7 57.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#30

1,2,4-Trichlorobenzene

Concen: 47.679 ng

RT: 8.151 min Scan# 1013

Delta R.T. -0.000 min

Lab File: BF143367.D

Acq: 13 Aug 2025 11:12

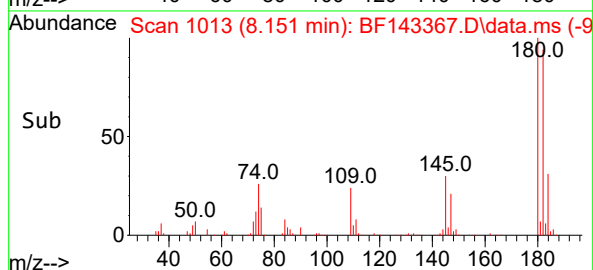
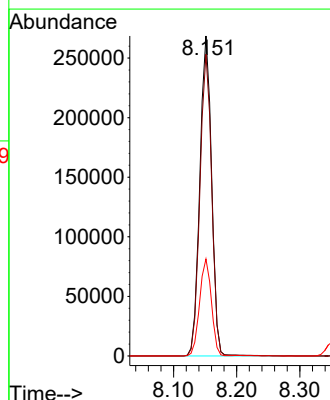
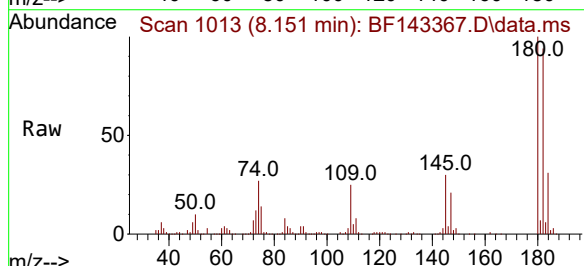
Tgt Ion:180 Resp: 347348

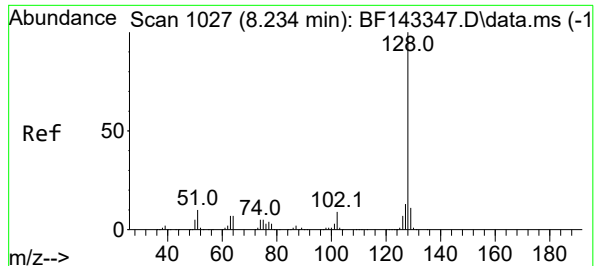
Ion Ratio Lower Upper

180 100

182 94.3 76.1 114.1

145 30.3 24.9 37.3





#31

Naphthalene

Concen: 43.806 ng

RT: 8.234 min Scan# 1027

Delta R.T. -0.000 min

Lab File: BF143367.D

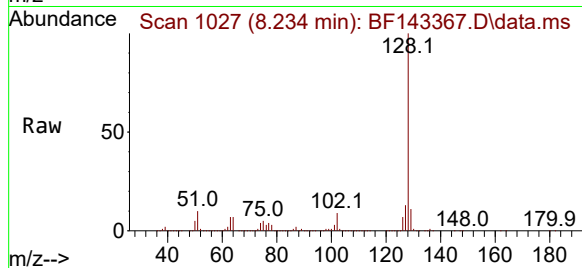
Acq: 13 Aug 2025 11:12

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDEMS



Tgt Ion:128 Resp: 108983

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

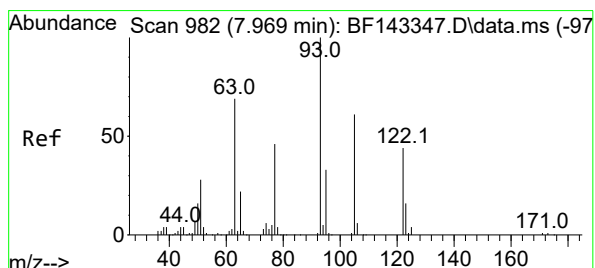
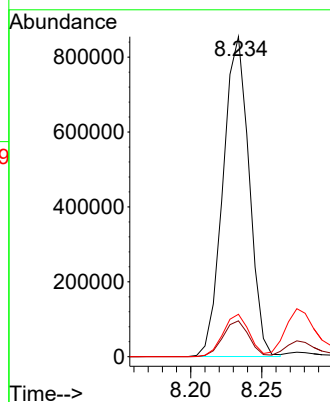
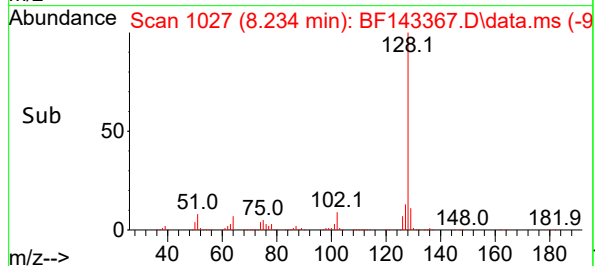
127 13.3 10.7 16.1

Manual Integrations

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Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#32

Benzoic acid

Concen: 58.598 ng

RT: 7.975 min Scan# 983

Delta R.T. 0.006 min

Lab File: BF143367.D

Acq: 13 Aug 2025 11:12

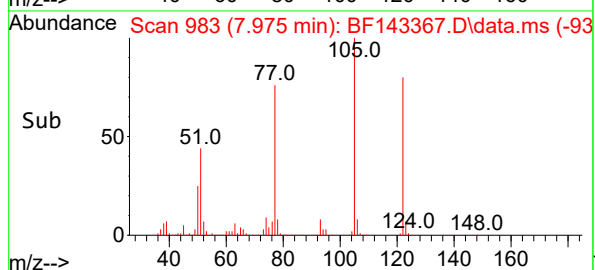
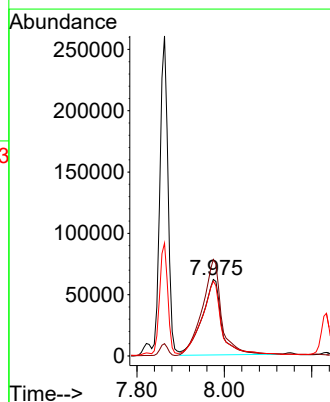
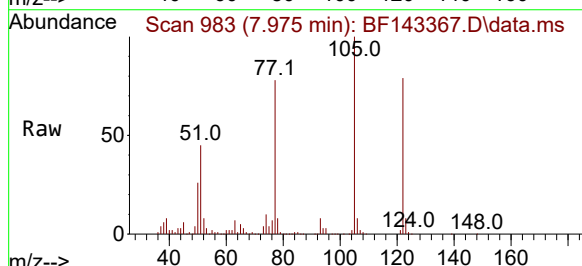
Tgt Ion:122 Resp: 193304

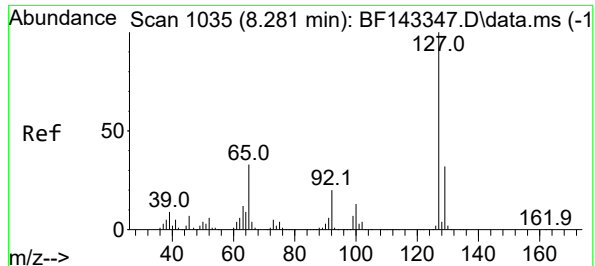
Ion Ratio Lower Upper

122 100

105 126.2 106.4 146.4

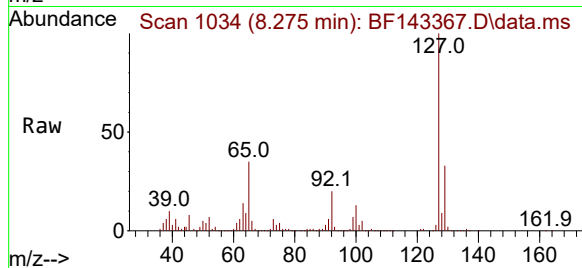
77 98.0 79.2 119.2





#33
4-Chloroaniline
Concen: 24.424 ng
RT: 8.275 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

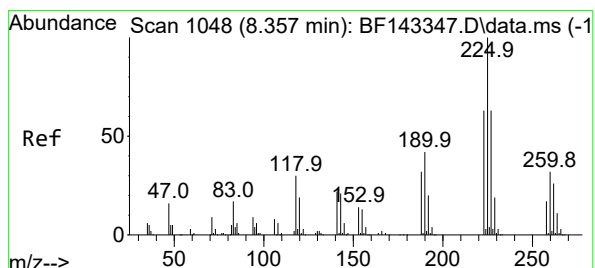
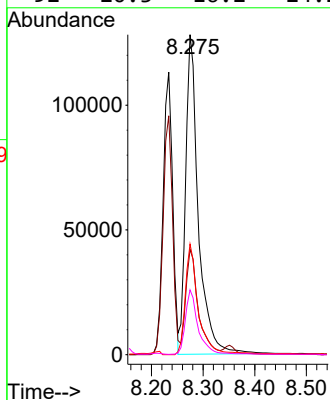
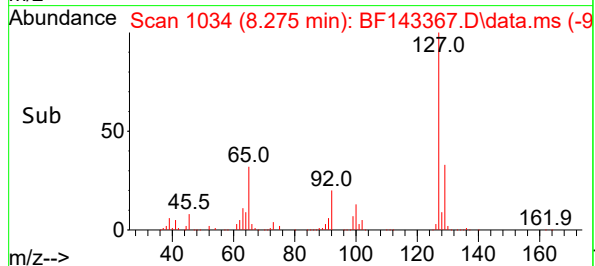
Instrument : BNA_F
ClientSampleId : BIN0009-DRIVEWAY-TP-WESTSIDEMS



Tgt Ion:127 Resp: 21916
Ion Ratio Lower Upper
127 100
129 32.9 26.0 39.0
65 34.5 27.0 40.4
92 20.3 16.2 24.2

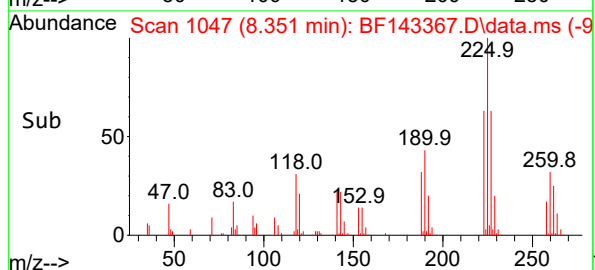
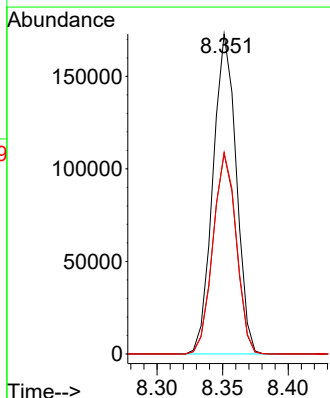
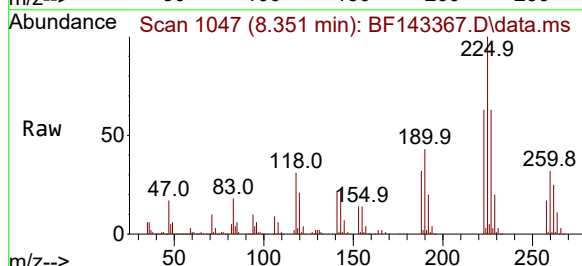
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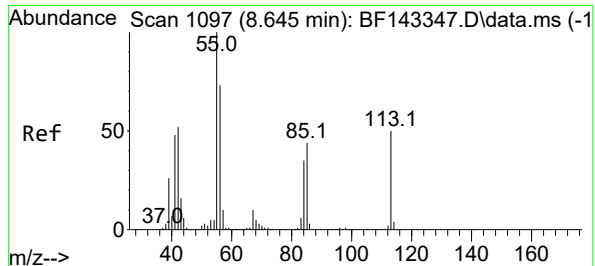
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#34
Hexachlorobutadiene
Concen: 47.123 ng
RT: 8.351 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:225 Resp: 213552
Ion Ratio Lower Upper
225 100
223 62.6 50.1 75.1
227 63.0 50.6 75.8





#35

Caprolactam

Concen: 49.365 ng

RT: 8.645 min Scan# 1109

Delta R.T. -0.000 min

Lab File: BF143367.D

Acq: 13 Aug 2025 11:12

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDEMS

Tgt Ion:113 Resp: 9584

Ion Ratio Lower Upper

113 100

55 202.8 181.4 221.4

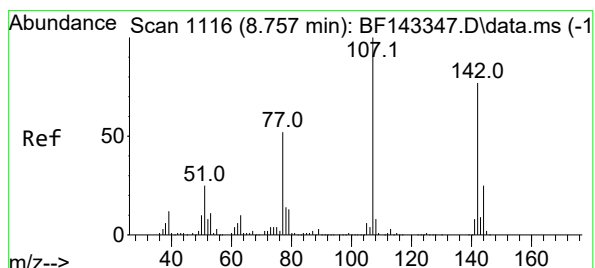
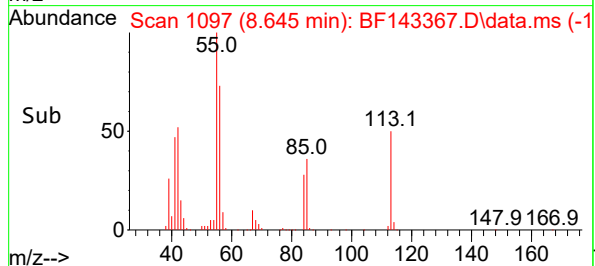
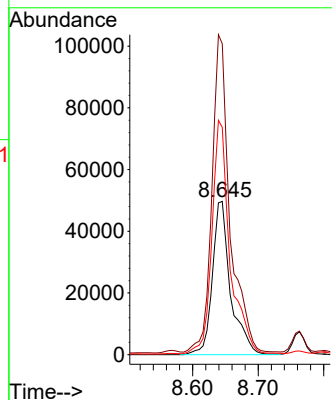
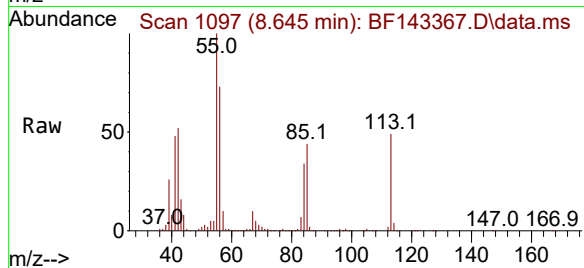
56 148.3 127.3 167.3

Manual Integrations

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Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#36

4-Chloro-3-methylphenol

Concen: 44.895 ng

RT: 8.763 min Scan# 1117

Delta R.T. 0.006 min

Lab File: BF143367.D

Acq: 13 Aug 2025 11:12

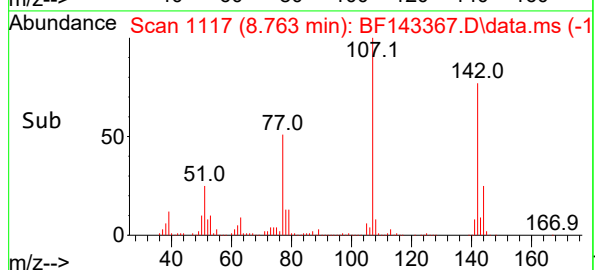
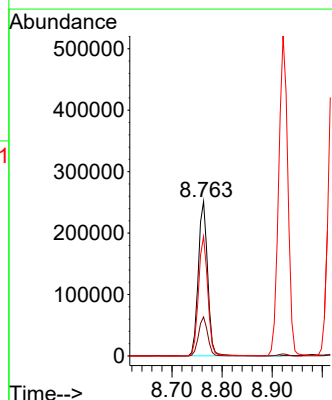
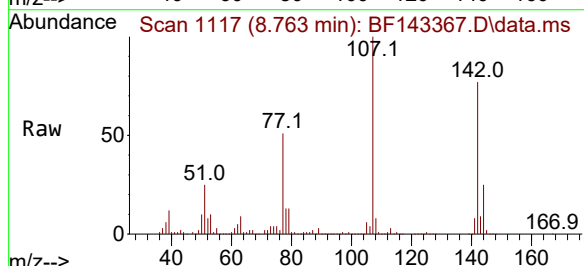
Tgt Ion:107 Resp: 325053

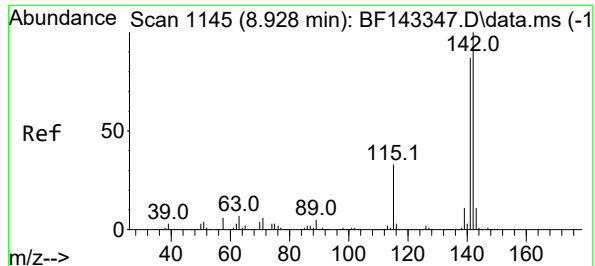
Ion Ratio Lower Upper

107 100

144 25.2 20.0 30.0

142 77.4 61.3 91.9





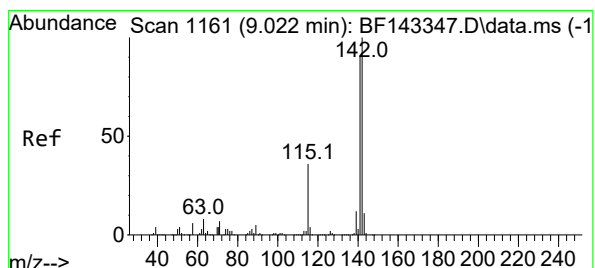
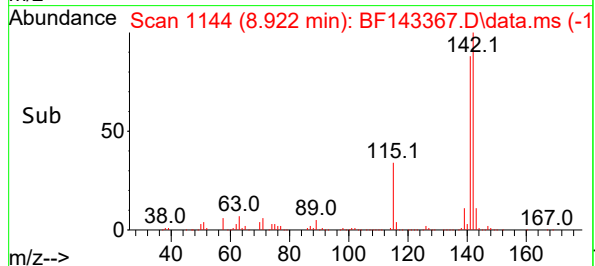
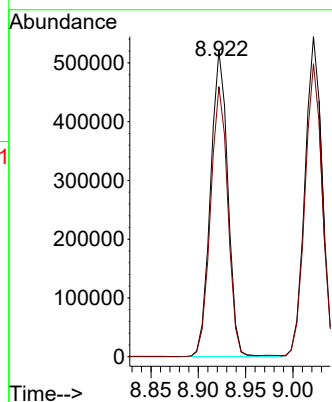
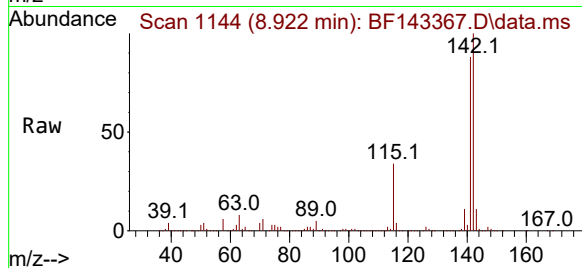
#37
2-Methylnaphthalene
Concen: 40.391 ng
RT: 8.922 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Instrument : BNA_F
ClientSampleId : BIN0009-DRIVEWAY-TP-WESTSIDEMS

Tgt Ion:142 Resp: 66062
Ion Ratio Lower Upper
142 100
141 88.3 69.8 104.8

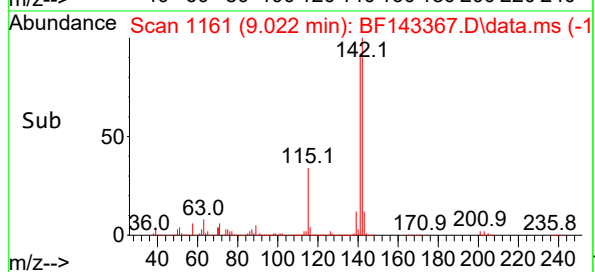
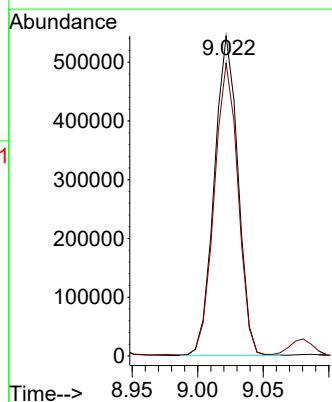
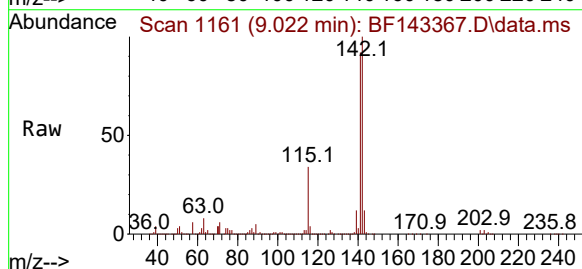
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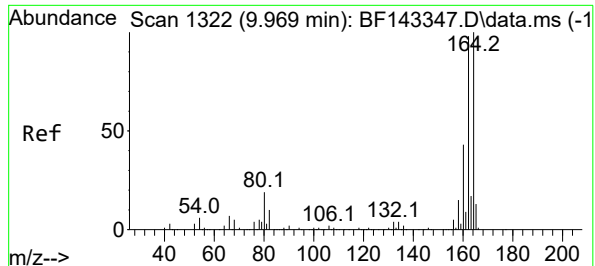
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#38
1-Methylnaphthalene
Concen: 43.320 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:142 Resp: 682387
Ion Ratio Lower Upper
142 100
141 91.5 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.963 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143367.D

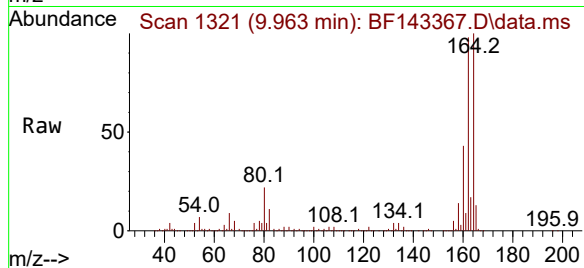
Acq: 13 Aug 2025 11:12

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDEMS



Tgt Ion:164 Resp: 27256

Ion Ratio Lower Upper

164 100

162 98.1 78.6 118.0

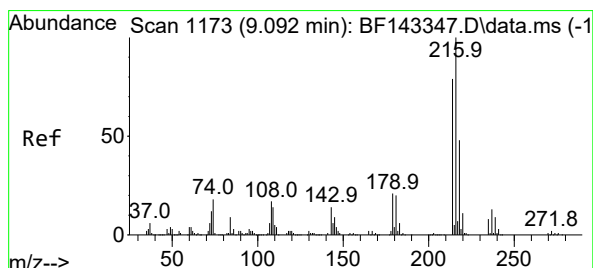
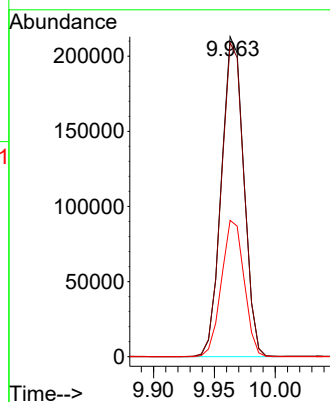
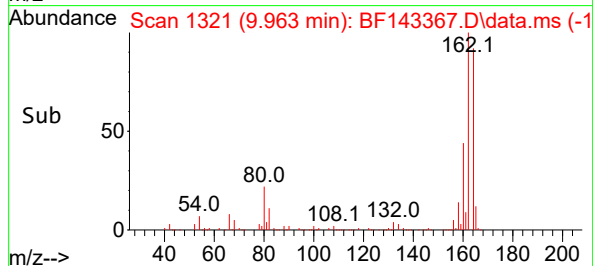
160 42.6 34.4 51.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.694 ng

RT: 9.092 min Scan# 1173

Delta R.T. -0.000 min

Lab File: BF143367.D

Acq: 13 Aug 2025 11:12

Tgt Ion:216 Resp: 340812

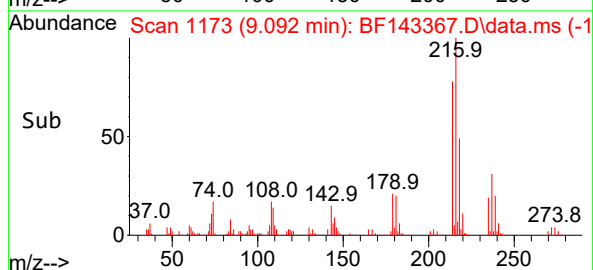
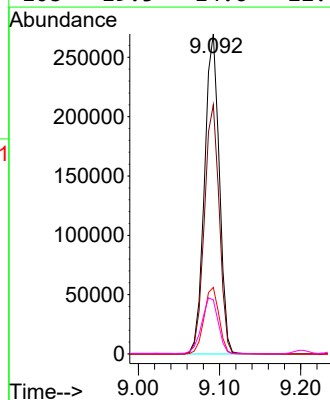
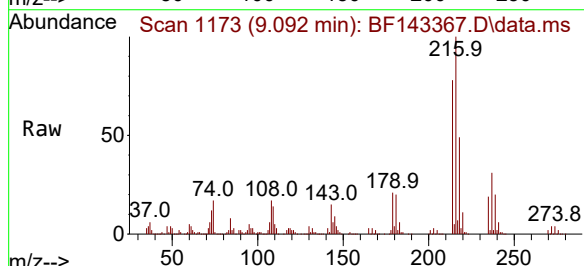
Ion Ratio Lower Upper

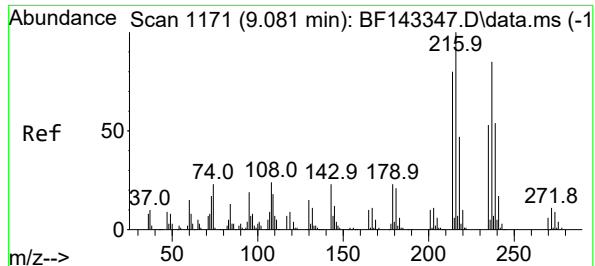
216 100

214 78.3 63.0 94.4

179 21.0 17.0 25.4

108 19.5 14.6 22.0





#41

Hexachlorocyclopentadiene

Concen: 113.347 ng

RT: 9.081 min Scan# 1171

Delta R.T. -0.000 min

Lab File: BF143367.D

Acq: 13 Aug 2025 11:12

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDEMS

Tgt Ion:237 Resp: 30613

Ion Ratio Lower Upper

237 100

235 63.2 42.0 82.0

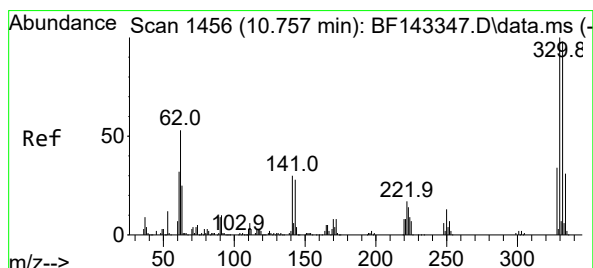
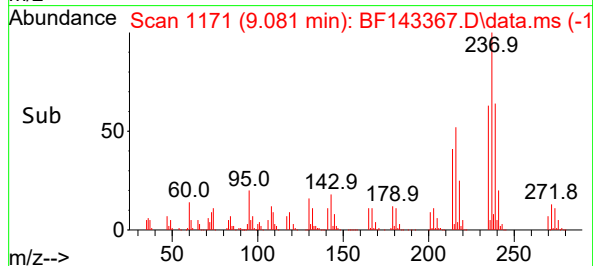
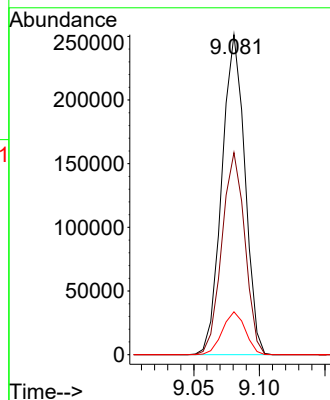
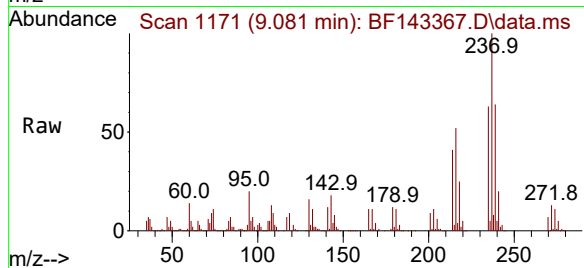
272 13.4 0.0 32.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#42

2,4,6-Tribromophenol

Concen: 121.066 ng

RT: 10.757 min Scan# 1456

Delta R.T. -0.000 min

Lab File: BF143367.D

Acq: 13 Aug 2025 11:12

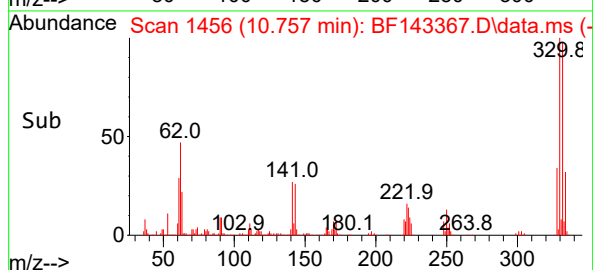
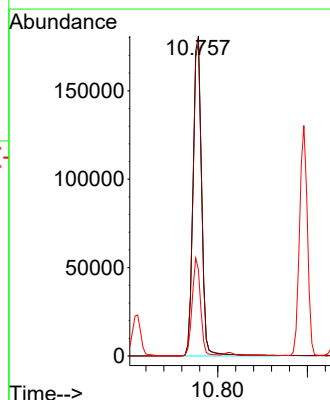
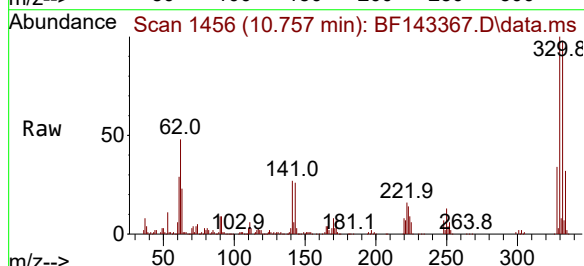
Tgt Ion:330 Resp: 241161

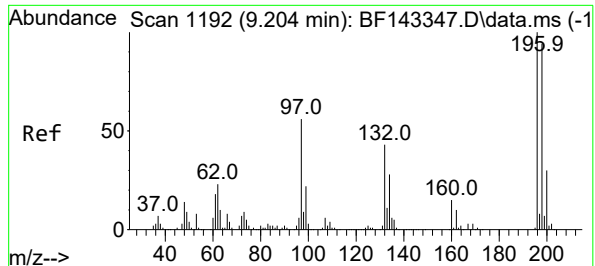
Ion Ratio Lower Upper

330 100

332 97.5 78.1 117.1

141 29.9 25.4 38.0





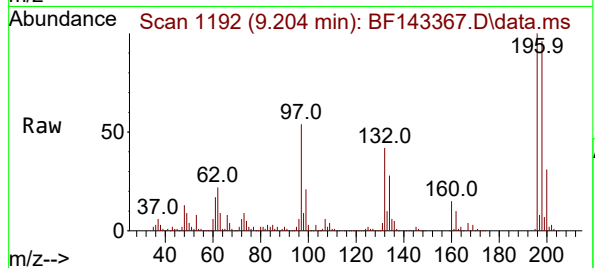
#43
2,4,6-Trichlorophenol
Concen: 50.715 ng
RT: 9.204 min Scan# 1192
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDEMS

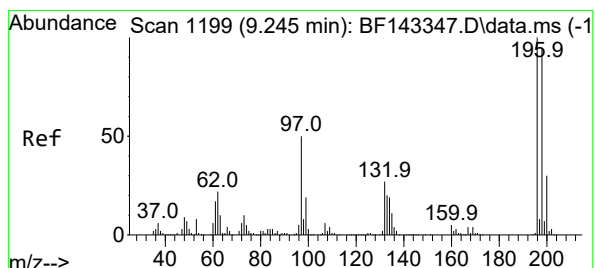
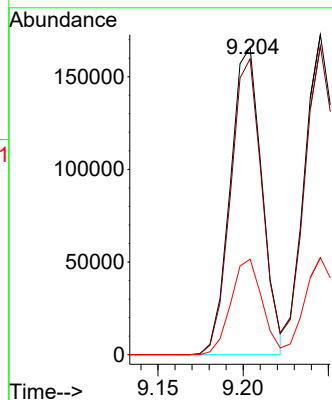
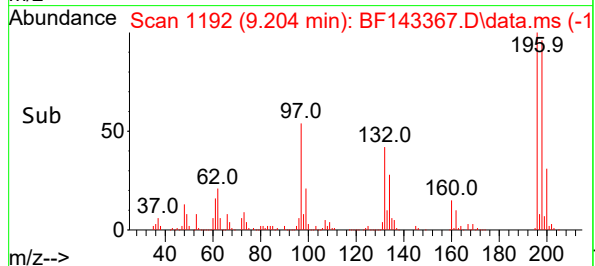


Tgt Ion:196 Resp: 21462
Ion Ratio Lower Upper
196 100
198 96.3 75.4 113.0
200 31.1 24.3 36.5

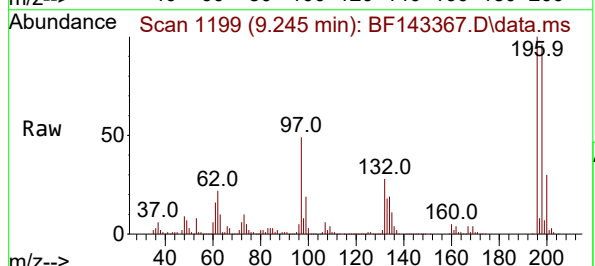
Manual Integrations

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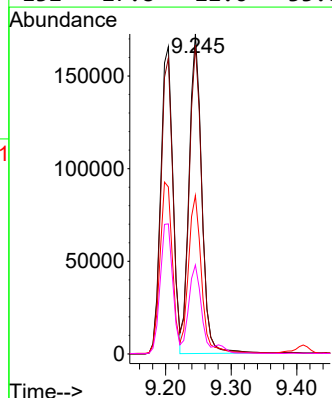
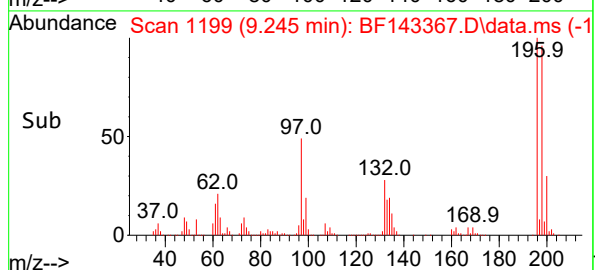
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

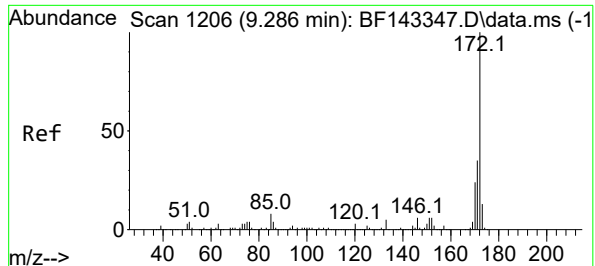


#44
2,4,5-Trichlorophenol
Concen: 48.084 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12



Tgt Ion:196 Resp: 229789
Ion Ratio Lower Upper
196 100
198 96.4 75.4 113.2
97 49.5 39.9 59.9
132 27.8 22.6 33.8





#45

2-Fluorobiphenyl

Concen: 68.922 ng

RT: 9.281 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143367.D

Acq: 13 Aug 2025 11:12

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDEMS

Tgt Ion:172 Resp: 1107824

Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

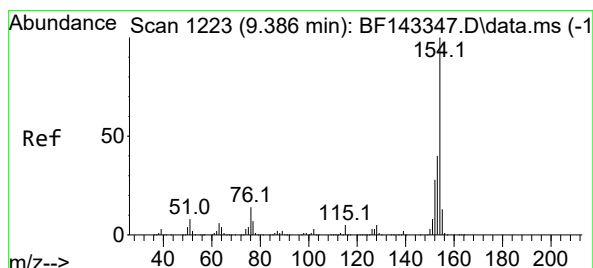
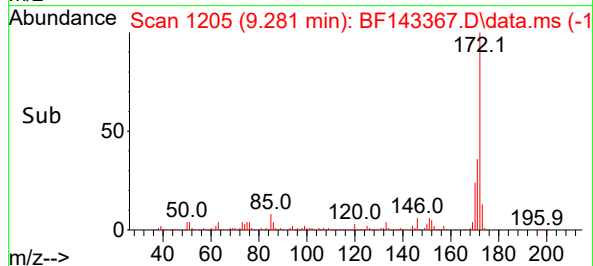
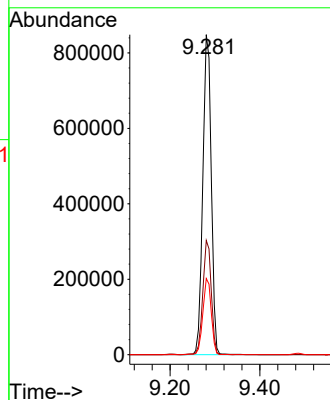
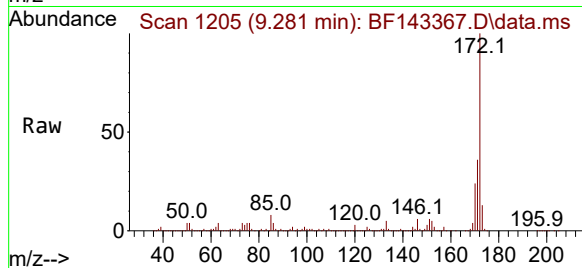
170 23.8 19.1 28.7

Manual Integrations

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Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#46

1,1'-Biphenyl

Concen: 45.476 ng

RT: 9.386 min Scan# 1223

Delta R.T. -0.000 min

Lab File: BF143367.D

Acq: 13 Aug 2025 11:12

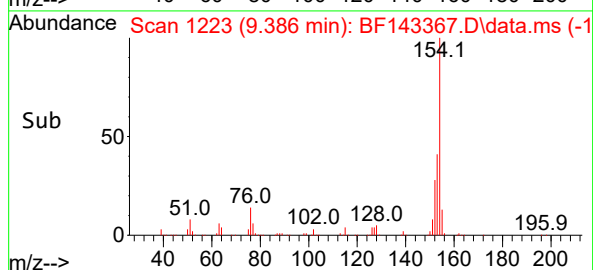
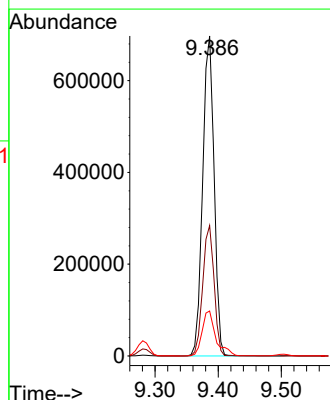
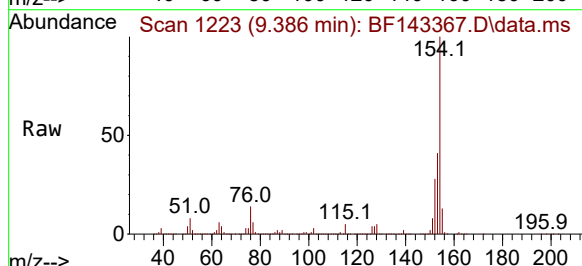
Tgt Ion:154 Resp: 876424

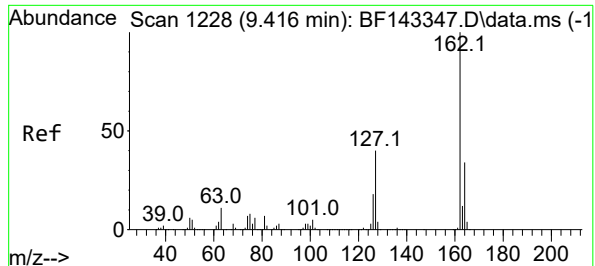
Ion Ratio Lower Upper

154 100

153 40.7 20.2 60.2

76 14.1 0.0 34.4





#47

2-Chloronaphthalene

Concen: 44.200 ng

RT: 9.410 min Scan# 1228

Delta R.T. -0.006 min

Lab File: BF143367.D

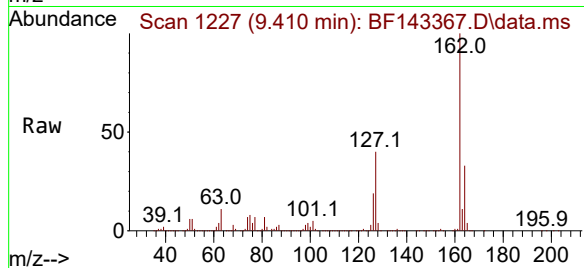
Acq: 13 Aug 2025 11:12

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDEMS



Tgt Ion:162 Resp: 670874

Ion Ratio Lower Upper

162 100

127 39.9 32.1 48.1

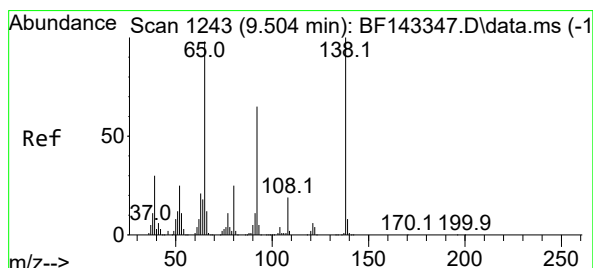
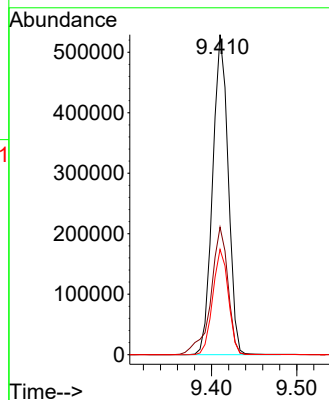
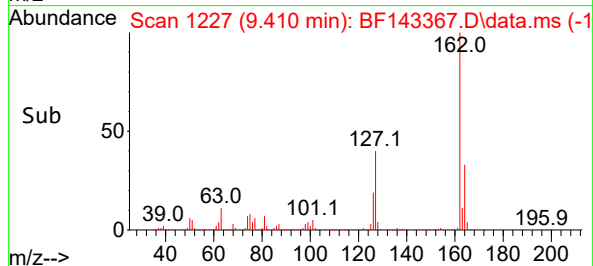
164 32.9 27.0 40.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#48

2-Nitroaniline

Concen: 47.772 ng

RT: 9.504 min Scan# 1243

Delta R.T. 0.000 min

Lab File: BF143367.D

Acq: 13 Aug 2025 11:12

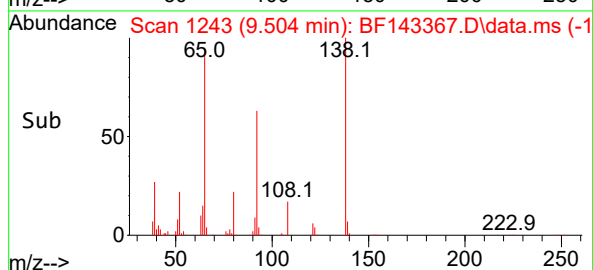
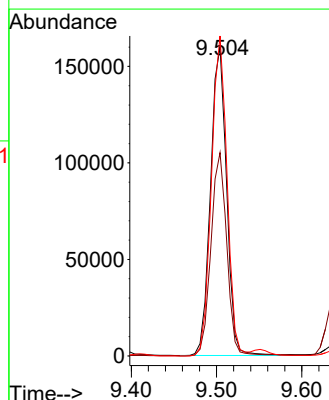
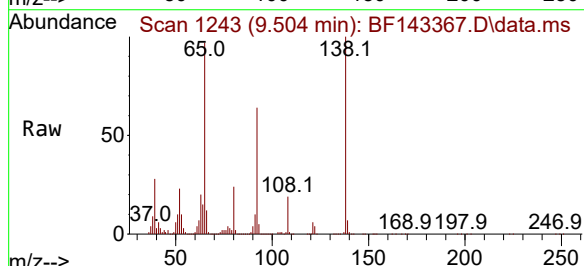
Tgt Ion: 65 Resp: 209062

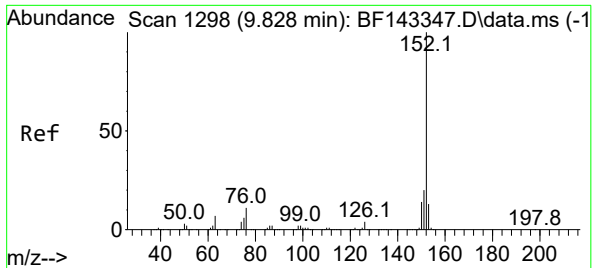
Ion Ratio Lower Upper

65 100

92 65.8 53.1 79.7

138 103.6 81.4 122.0





#49

Acenaphthylene

Concen: 49.207 ng

RT: 9.828 min Scan# 1298

Delta R.T. -0.000 min

Lab File: BF143367.D

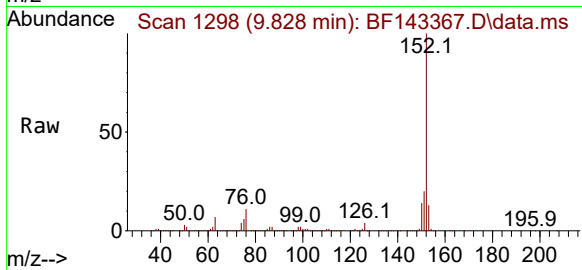
Acq: 13 Aug 2025 11:12

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDEMS



Tgt Ion:152 Resp: 107856

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

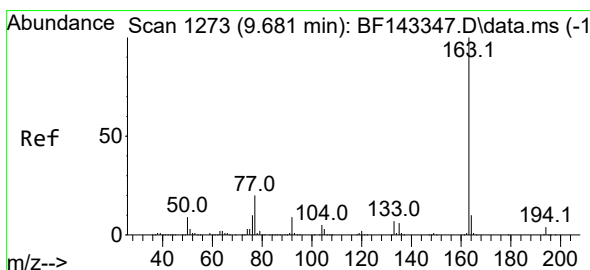
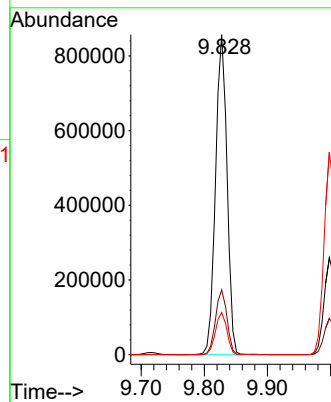
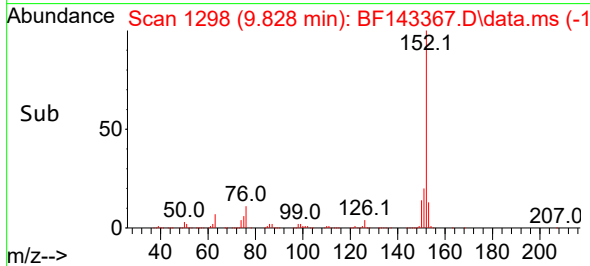
153 13.2 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#50

Dimethylphthalate

Concen: 48.184 ng

RT: 9.680 min Scan# 1273

Delta R.T. -0.000 min

Lab File: BF143367.D

Acq: 13 Aug 2025 11:12

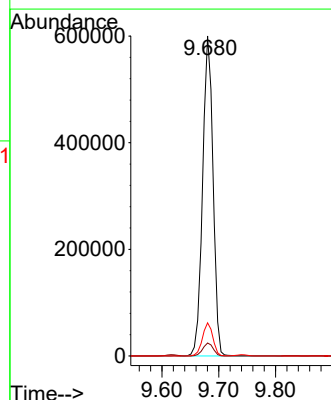
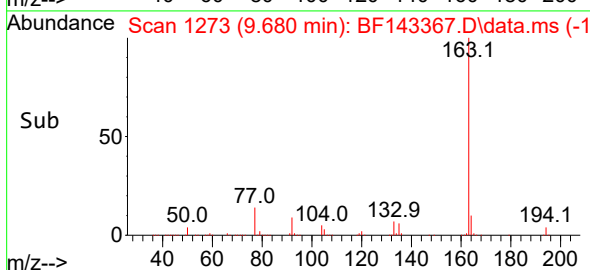
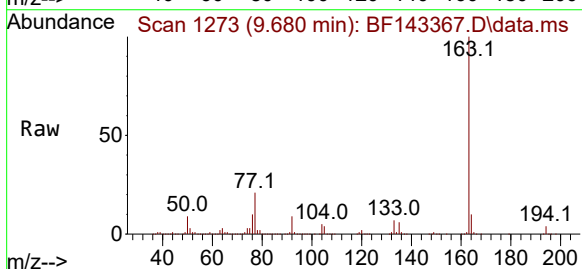
Tgt Ion:163 Resp: 767406

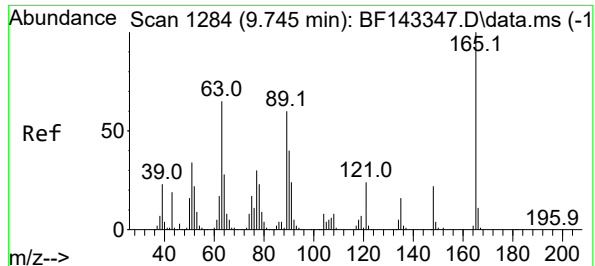
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

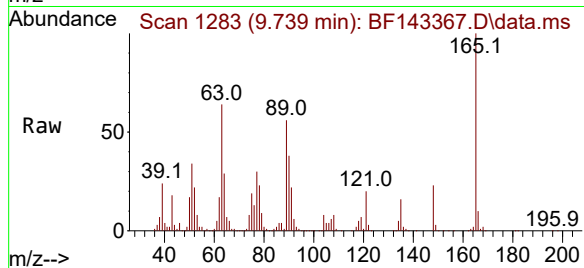
164 10.3 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 54.402 ng
RT: 9.739 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

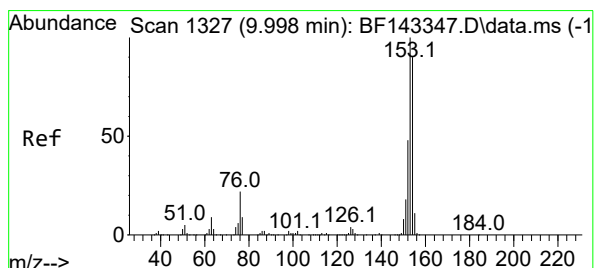
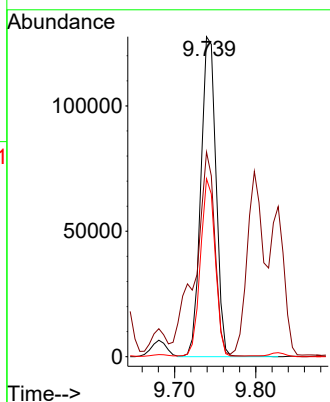
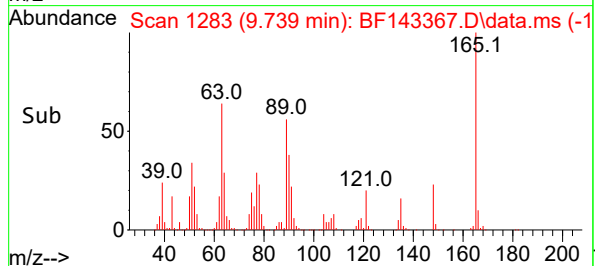
Instrument : BNA_F
ClientSampleId : BIN0009-DRIVEWAY-TP-WESTSIDEMS



Tgt Ion:165 Resp: 165224
Ion Ratio Lower Upper
165 100
63 63.9 51.6 77.4
89 55.6 47.7 71.5

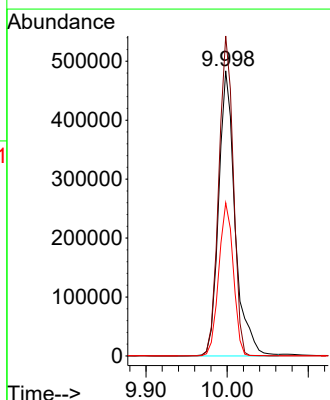
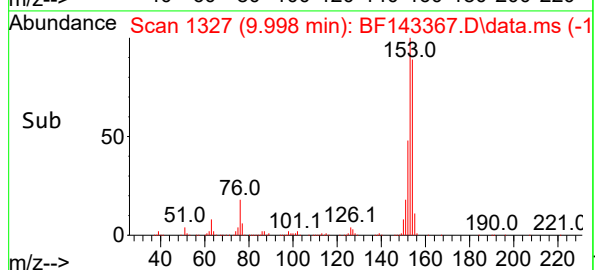
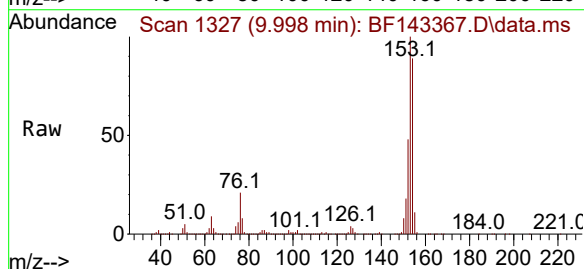
Manual Integrations
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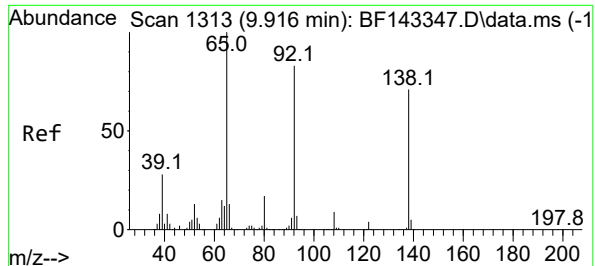
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#52
Acenaphthene
Concen: 46.824 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

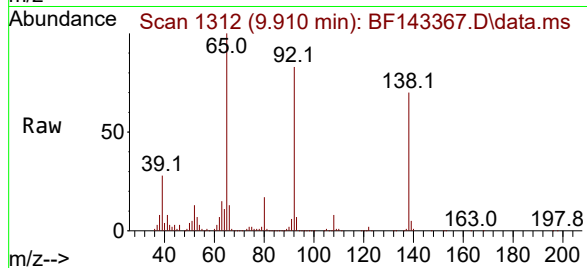
Tgt Ion:154 Resp: 682321
Ion Ratio Lower Upper
154 100
153 112.2 88.5 132.7
152 53.7 42.4 63.6





#53
3-Nitroaniline
Concen: 33.253 ng
RT: 9.910 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

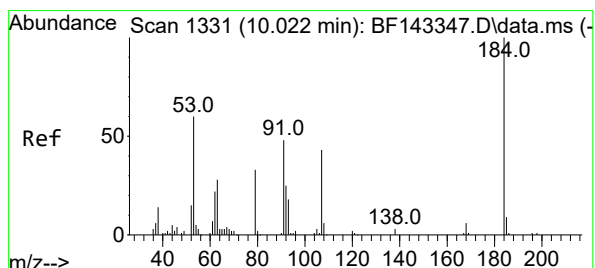
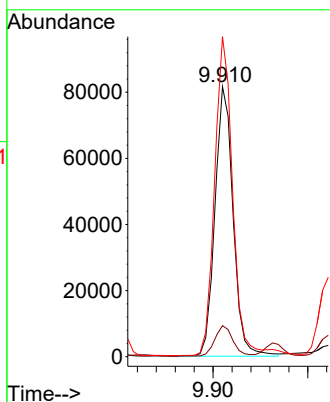
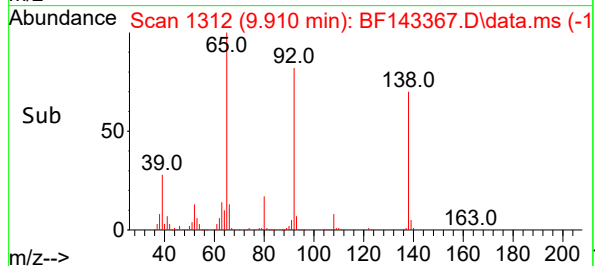
Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMS



Tgt Ion:138 Resp: 108458
Ion Ratio Lower Upper
138 100
108 11.5 9.6 14.4
92 118.5 93.4 140.2

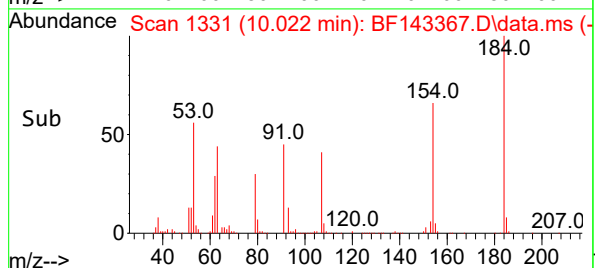
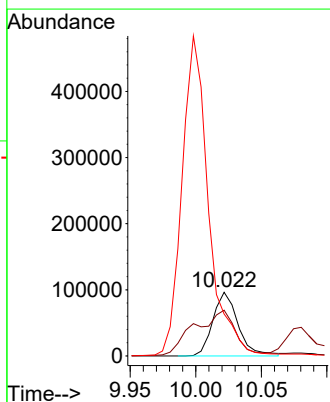
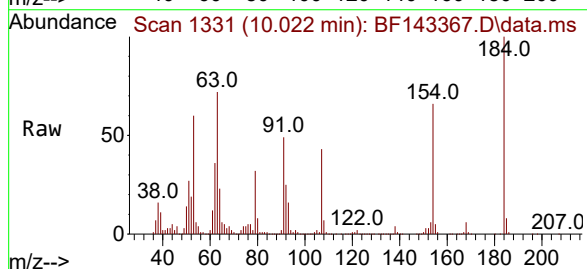
Manual Integrations
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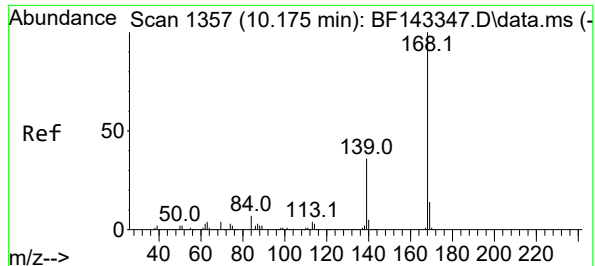
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#54
2,4-Dinitrophenol
Concen: 93.173 ng
RT: 10.022 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:184 Resp: 128950
Ion Ratio Lower Upper
184 100
63 71.9 62.5 93.7
154 66.0 73.0 109.4#





#55

Dibenzofuran

Concen: 44.351 ng

RT: 10.169 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143367.D

Acq: 13 Aug 2025 11:12

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDEMS

Tgt Ion:168 Resp: 93015

Ion Ratio Lower Upper

168 100

139 36.9 29.4 44.0

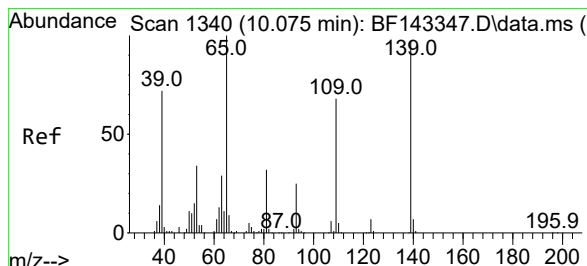
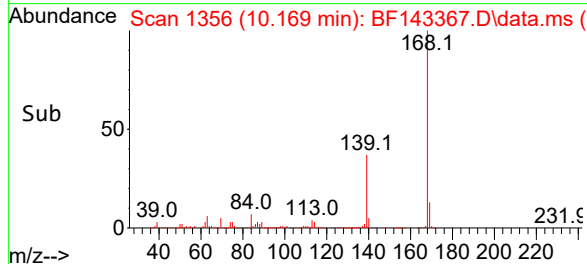
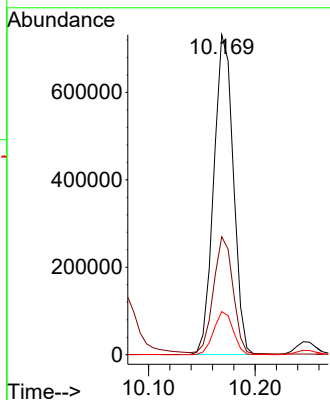
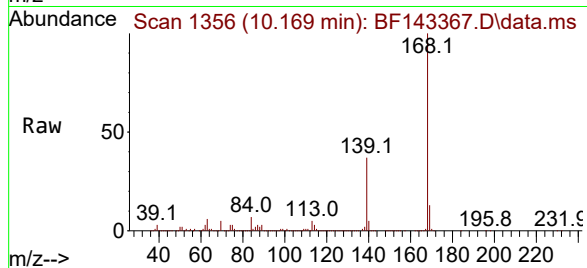
169 13.5 11.0 16.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#56

4-Nitrophenol

Concen: 77.373 ng

RT: 10.080 min Scan# 1341

Delta R.T. 0.005 min

Lab File: BF143367.D

Acq: 13 Aug 2025 11:12

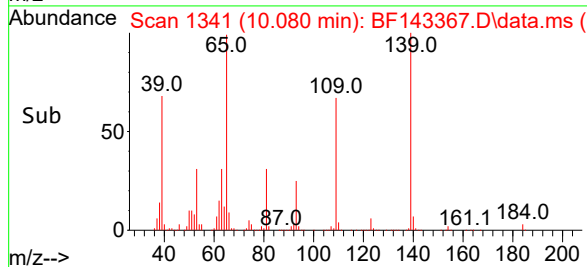
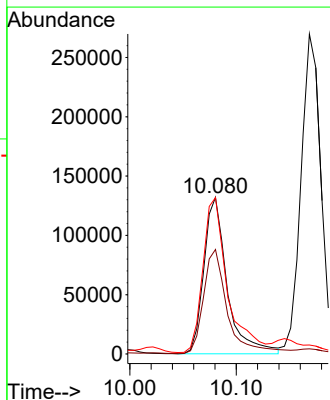
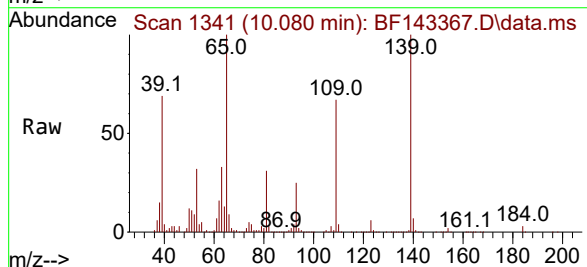
Tgt Ion:139 Resp: 201185

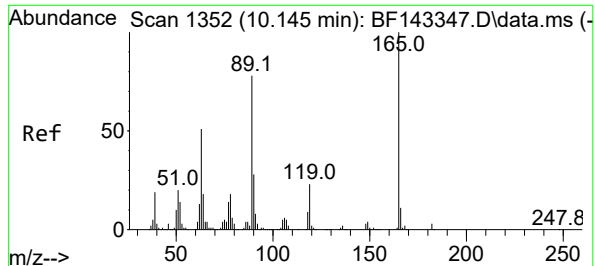
Ion Ratio Lower Upper

139 100

109 66.8 49.4 89.4

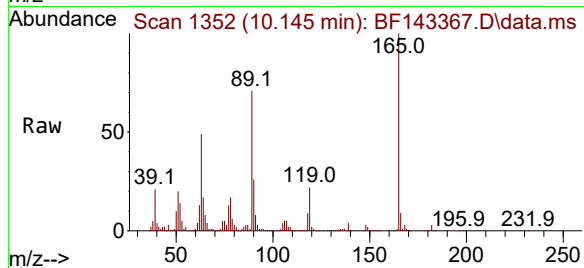
65 99.9 83.7 123.7





#57
2,4-Dinitrotoluene
Concen: 53.556 ng
RT: 10.145 min Scan# 1352
Delta R.T. 0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

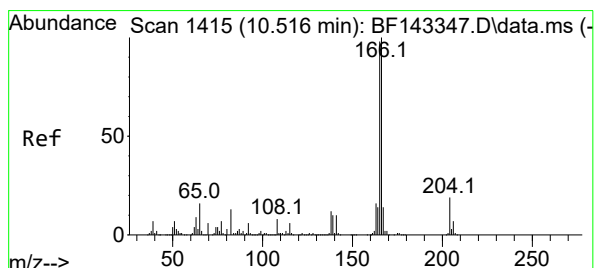
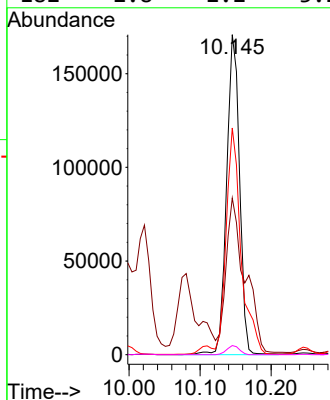
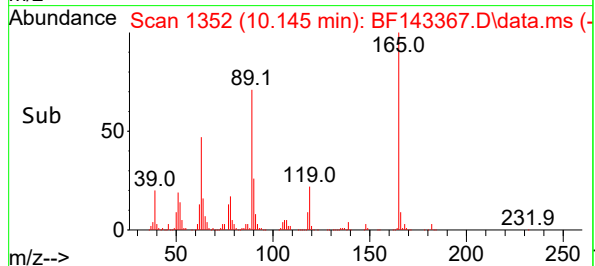
Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMS



Tgt Ion:165 Resp: 215672
Ion Ratio Lower Upper
165 100
63 49.0 41.8 62.8
89 70.8 62.4 93.6
182 2.8 2.2 3.2

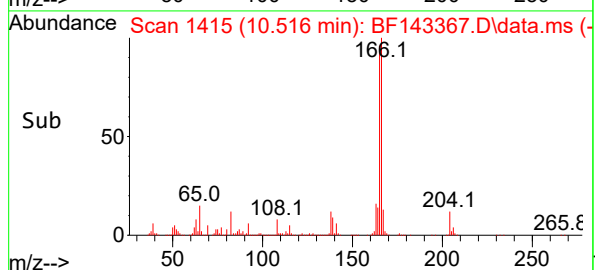
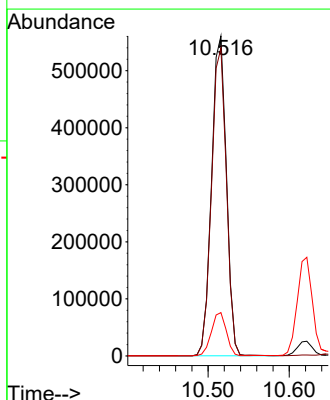
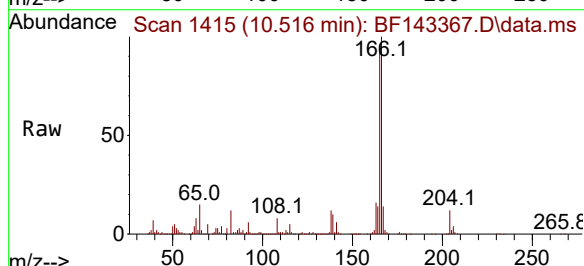
Manual Integrations
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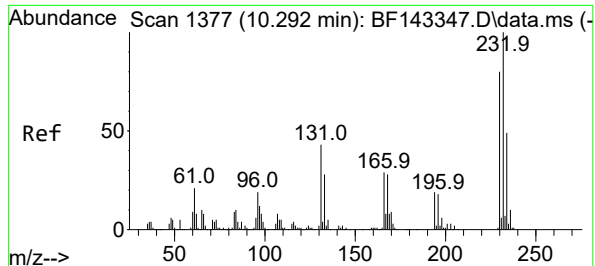
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#58
Fluorene
Concen: 44.351 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:166 Resp: 710470
Ion Ratio Lower Upper
166 100
165 96.2 78.2 117.4
167 13.5 10.9 16.3





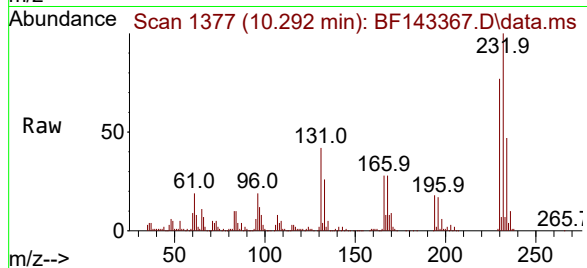
#59
2,3,4,6-Tetrachlorophenol
Concen: 58.151 ng
RT: 10.292 min Scan# 1377
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDEMS

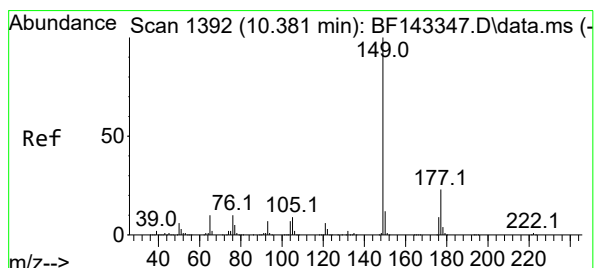
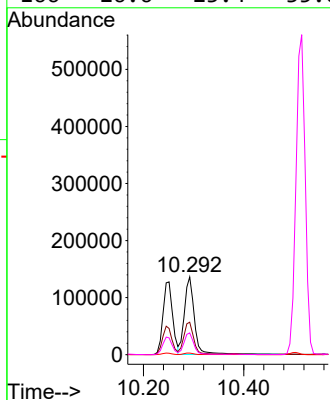
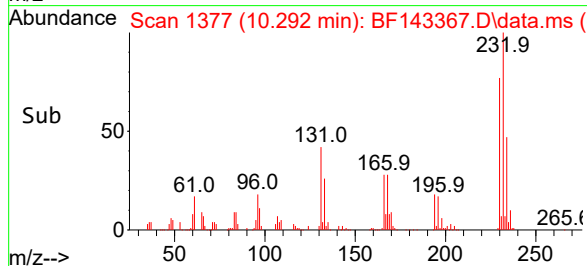


Tgt Ion:232 Resp: 18733
Ion Ratio Lower Upper
232 100
131 41.8 34.6 51.8
130 1.8 1.7 2.5
166 26.6 23.4 35.0

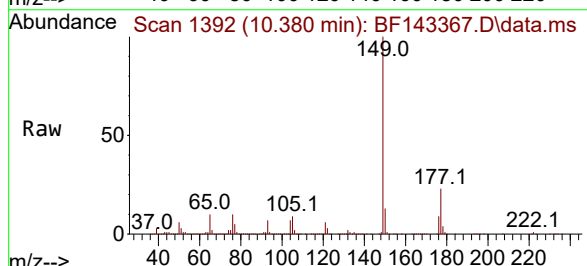
Manual Integrations

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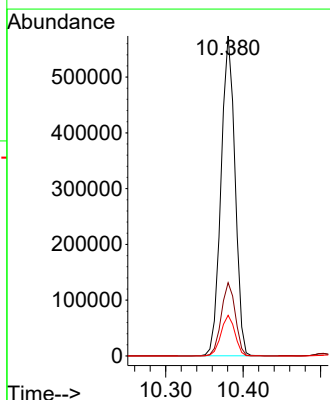
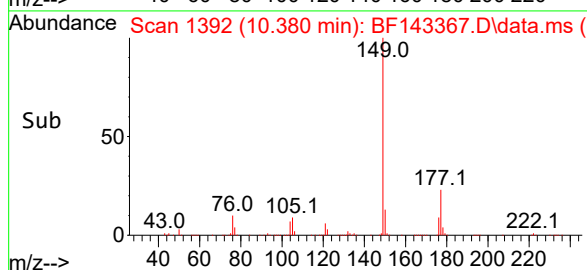
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

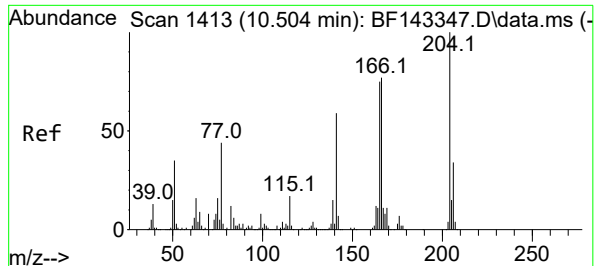


#60
Diethylphthalate
Concen: 50.466 ng
RT: 10.380 min Scan# 1392
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12



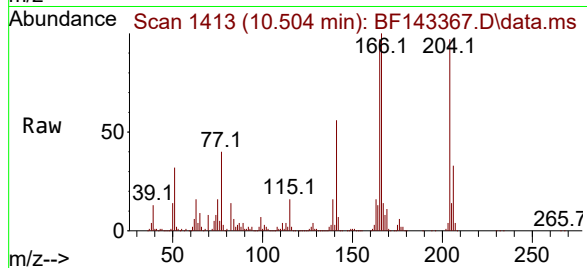
Tgt Ion:149 Resp: 719937
Ion Ratio Lower Upper
149 100
177 22.9 18.2 27.2
150 12.7 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 45.513 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

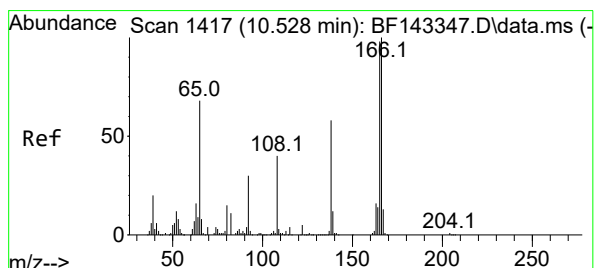
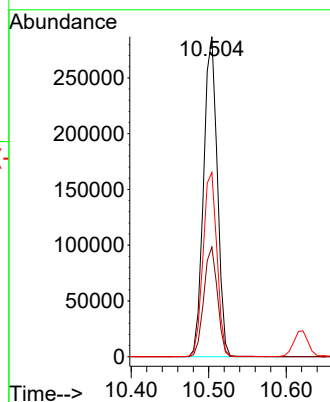
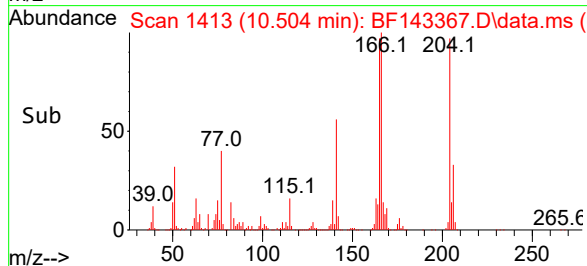
Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMS



Tgt Ion:204 Resp: 352284
Ion Ratio Lower Upper
204 100
206 34.2 27.4 41.2
141 57.5 46.9 70.3

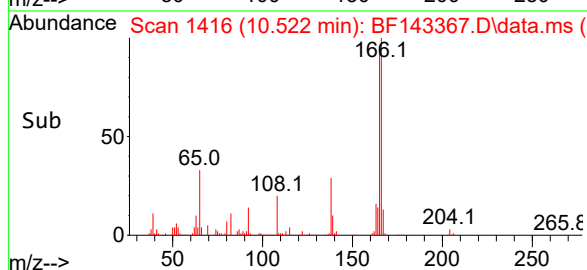
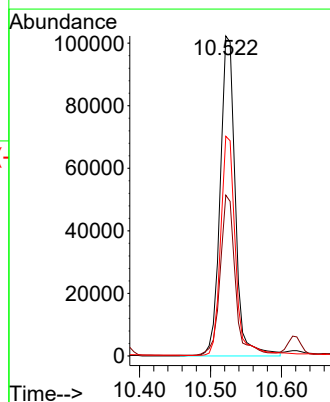
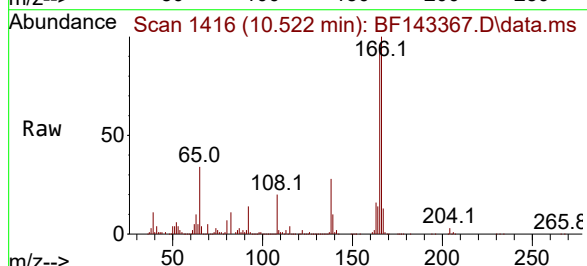
Manual Integrations
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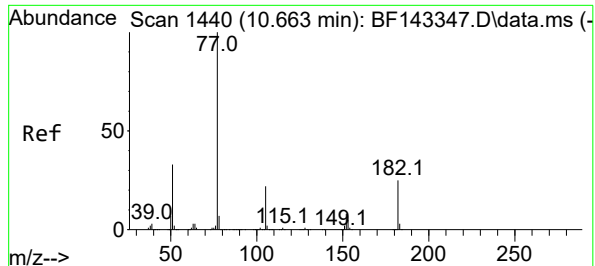
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#62
4-Nitroaniline
Concen: 47.789 ng
RT: 10.522 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

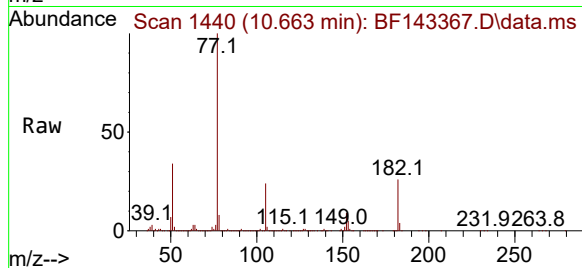
Tgt Ion:138 Resp: 150805
Ion Ratio Lower Upper
138 100
92 50.2 31.2 71.2
108 68.7 48.1 88.1





#63
Azobenzene
Concen: 48.208 ng
RT: 10.663 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

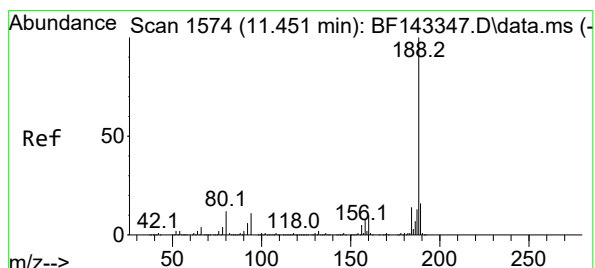
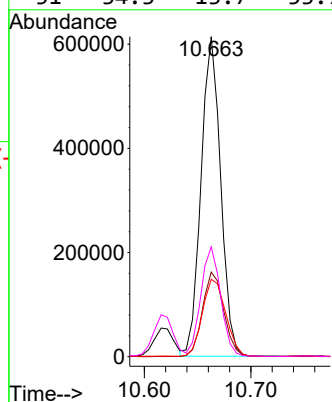
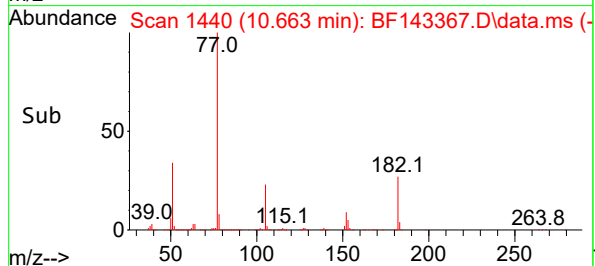
Instrument : BNA_F
ClientSampleId : BIN0009-DRIVEWAY-TP-WESTSIDEMS



Tgt Ion: 77 Resp: 785529
Ion Ratio Lower Upper
77 100
182 26.5 4.4 44.4
105 24.2 1.8 41.8
51 34.3 13.7 53.7

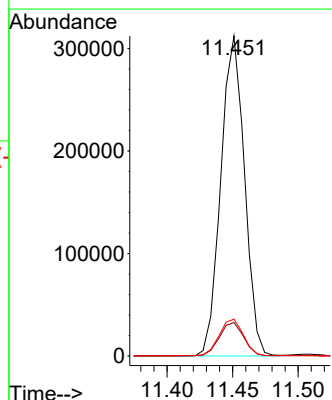
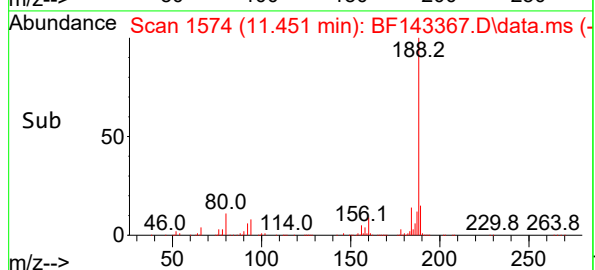
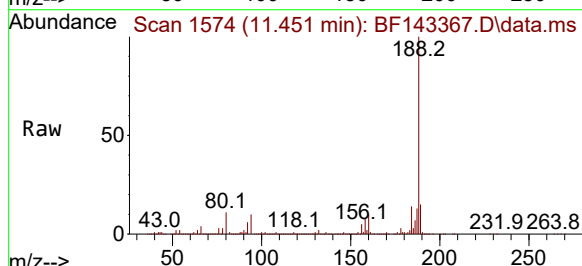
Manual Integrations
APPROVED

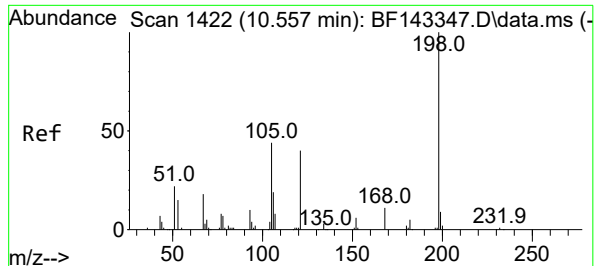
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:188 Resp: 391965
Ion Ratio Lower Upper
188 100
94 10.4 8.8 13.2
80 11.5 9.7 14.5





#65
4,6-Dinitro-2-methylphenol
Concen: 60.040 ng
RT: 10.557 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Instrument :

BNA_F

ClientSampleId :

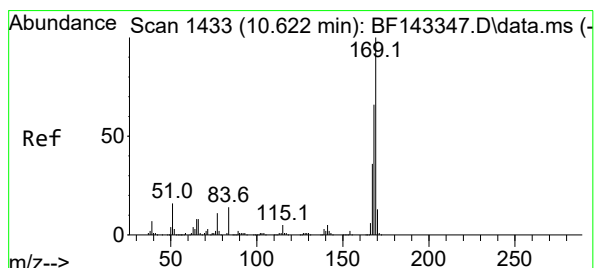
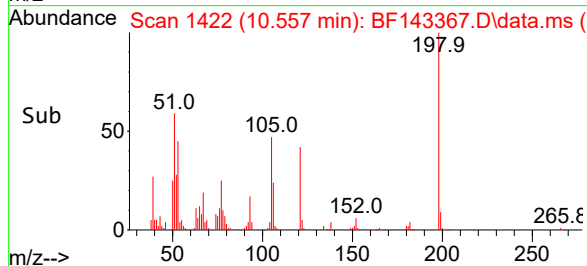
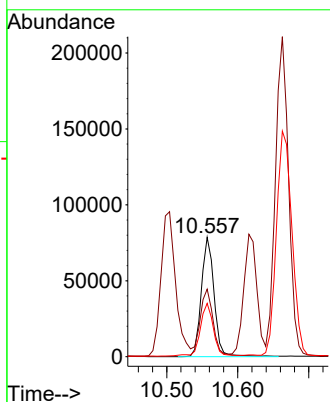
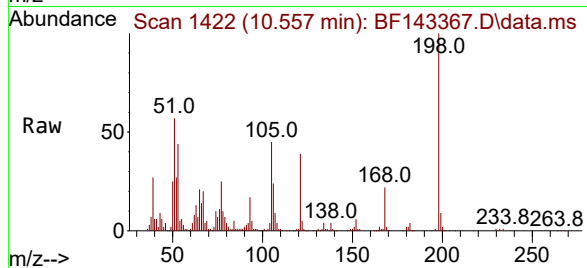
BIN0009-DRIVEWAY-TP-WESTSIDEMS

Tgt Ion:198 Resp: 98610
Ion Ratio Lower Upper
198 100
51 56.6 41.7 81.7
105 44.6 26.8 66.8

Manual Integrations

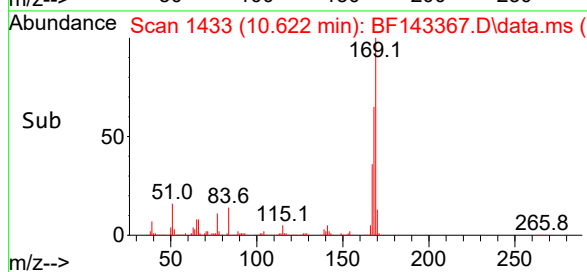
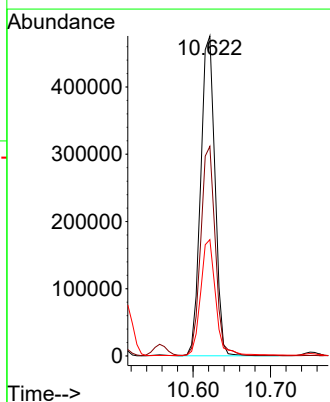
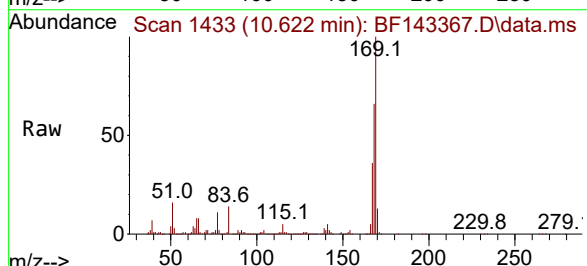
APPROVED

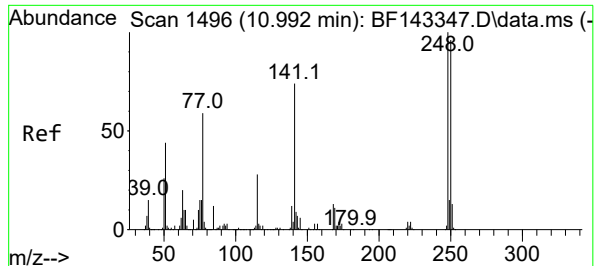
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#66
n-Nitrosodiphenylamine
Concen: 47.180 ng
RT: 10.622 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

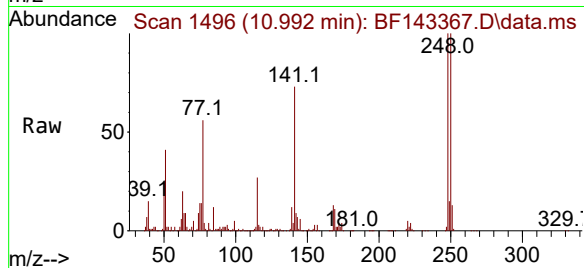
Tgt Ion:169 Resp: 608929
Ion Ratio Lower Upper
169 100
168 65.5 52.7 79.1
167 36.3 28.6 42.8





#67
4-Bromophenyl-phenylether
Concen: 48.176 ng
RT: 10.992 min Scan# 1496
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

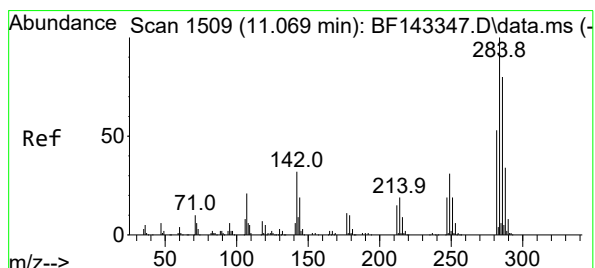
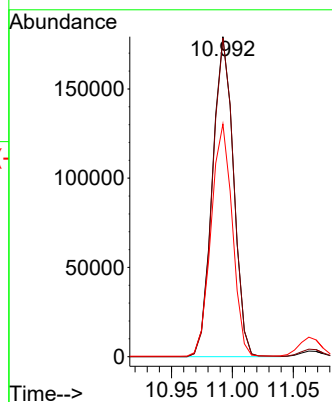
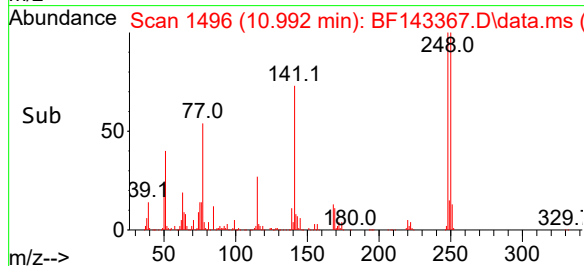
Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMS



Tgt Ion:248 Resp: 215964
Ion Ratio Lower Upper
248 100
250 99.6 77.1 115.7
141 72.7 59.1 88.7

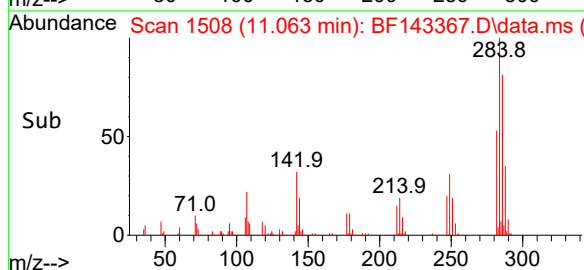
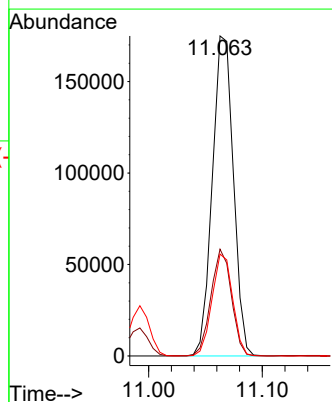
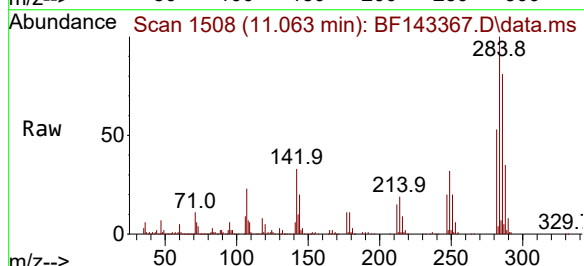
Manual Integrations
APPROVED

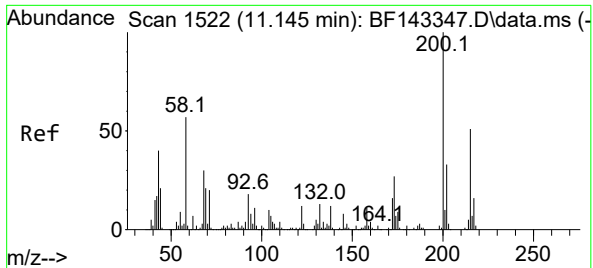
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#68
Hexachlorobenzene
Concen: 46.702 ng
RT: 11.063 min Scan# 1508
Delta R.T. -0.006 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:284 Resp: 225664
Ion Ratio Lower Upper
284 100
142 33.4 25.7 38.5
249 31.8 24.6 37.0





#69

Atrazine

Concen: 54.927 ng

RT: 11.145 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF143367.D

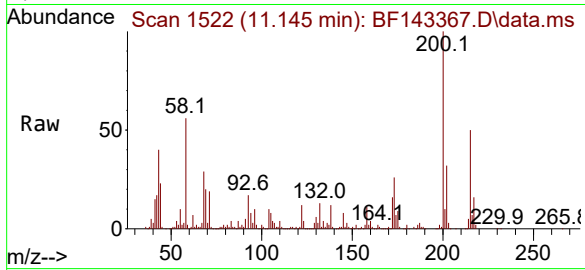
Acq: 13 Aug 2025 11:12

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDEMS



Tgt Ion:200 Resp: 18490

Ion Ratio Lower Upper

200 100

173 26.3 6.6 46.6

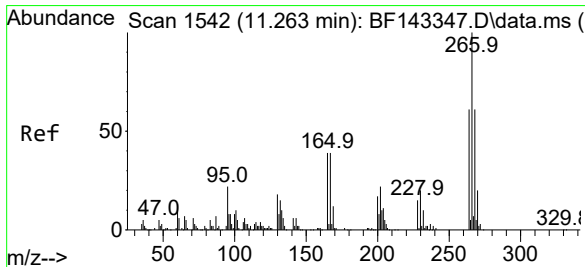
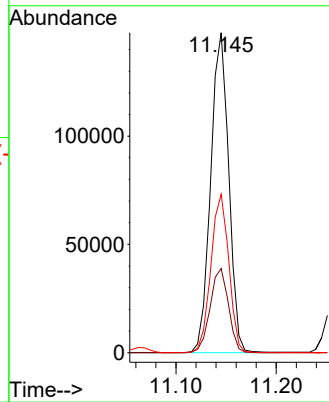
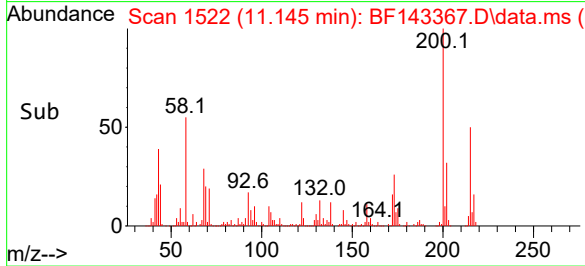
215 49.5 30.6 70.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#70

Pentachlorophenol

Concen: 94.613 ng

RT: 11.257 min Scan# 1541

Delta R.T. -0.006 min

Lab File: BF143367.D

Acq: 13 Aug 2025 11:12

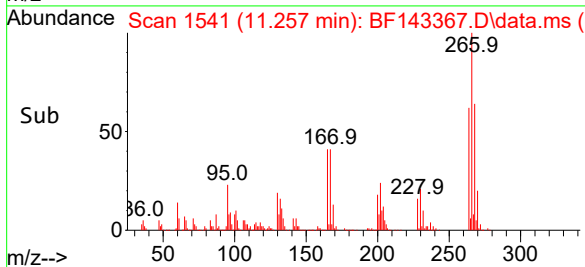
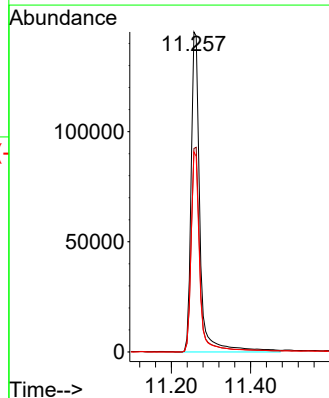
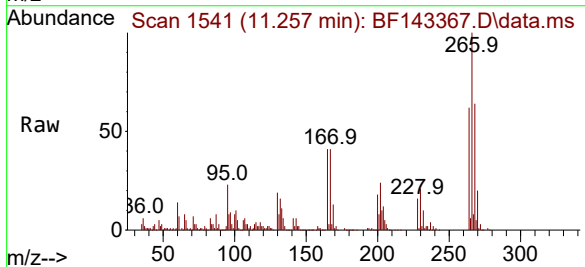
Tgt Ion:266 Resp: 226544

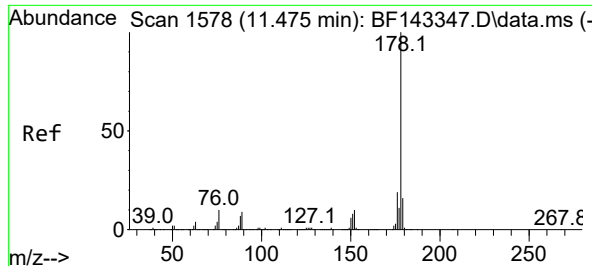
Ion Ratio Lower Upper

266 100

268 63.6 48.8 73.2

264 62.5 48.8 73.2





#71

Phenanthrene

Concen: 44.935 ng

RT: 11.474 min Scan# 1578

Delta R.T. -0.000 min

Lab File: BF143367.D

Acq: 13 Aug 2025 11:12

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDEMS

Tgt Ion:178 Resp: 960960

Ion Ratio Lower Upper

178 100

176 19.8 15.5 23.3

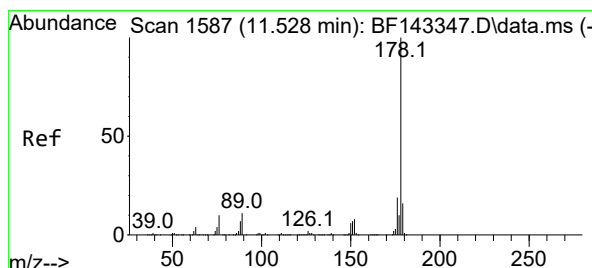
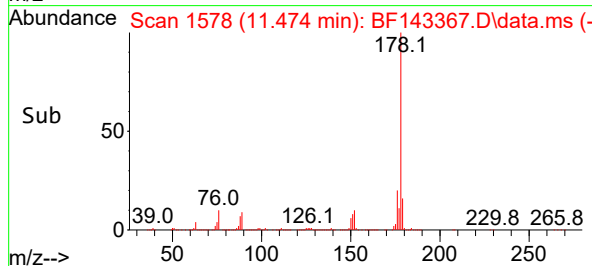
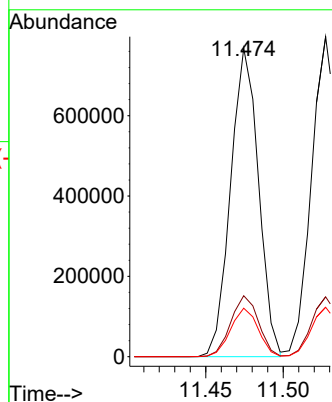
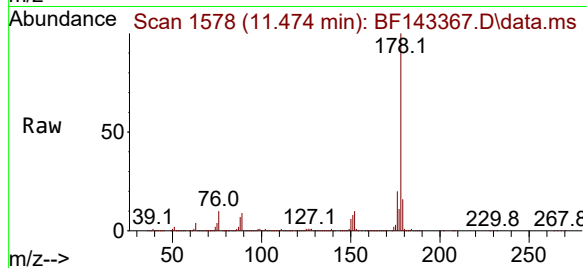
179 15.7 12.5 18.7

Manual Integrations

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Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#72

Anthracene

Concen: 45.875 ng

RT: 11.527 min Scan# 1587

Delta R.T. -0.000 min

Lab File: BF143367.D

Acq: 13 Aug 2025 11:12

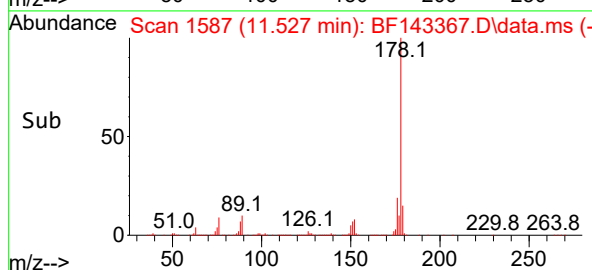
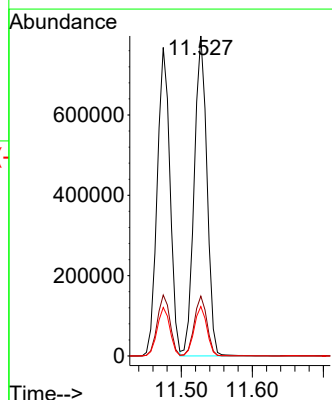
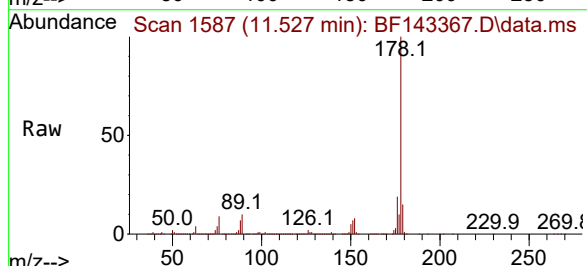
Tgt Ion:178 Resp: 994942

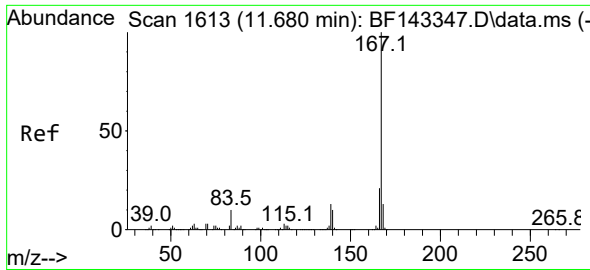
Ion Ratio Lower Upper

178 100

176 18.7 15.1 22.7

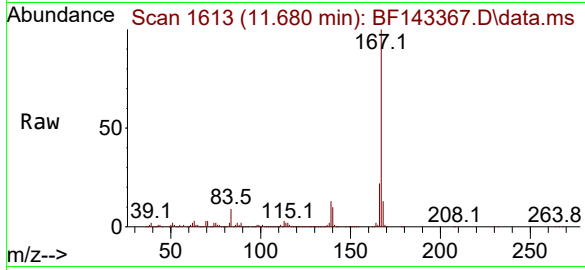
179 15.4 12.7 19.1





#73
 Carbazole
 Concen: 44.432 ng
 RT: 11.680 min Scan# 1613
 Delta R.T. -0.000 min
 Lab File: BF143367.D
 Acq: 13 Aug 2025 11:12

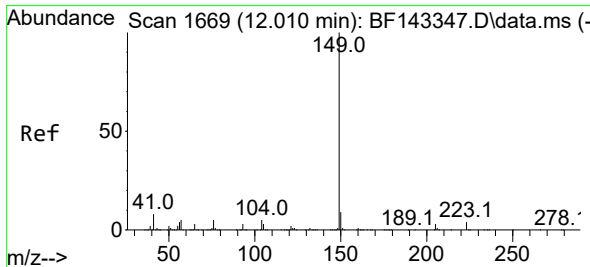
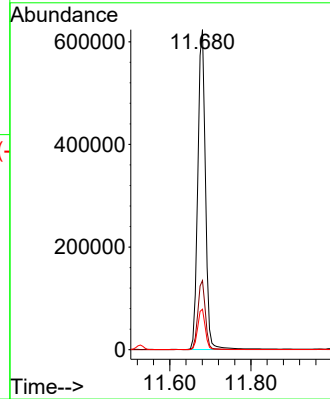
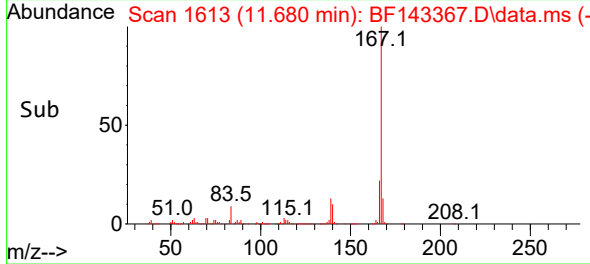
Instrument : BNA_F
 ClientSampleId : BIN0009-DRIVEWAY-TP-WESTSIDEMS



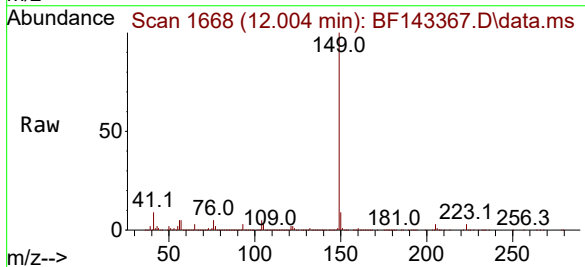
Tgt Ion:167 Resp: 820685
 Ion Ratio Lower Upper
 167 100
 166 21.6 16.8 25.2
 139 12.7 10.2 15.2

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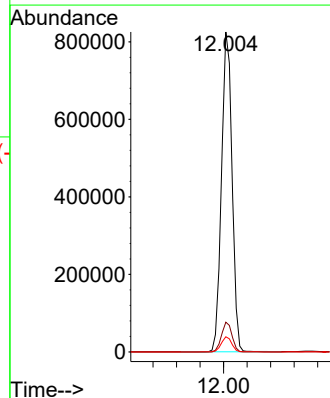
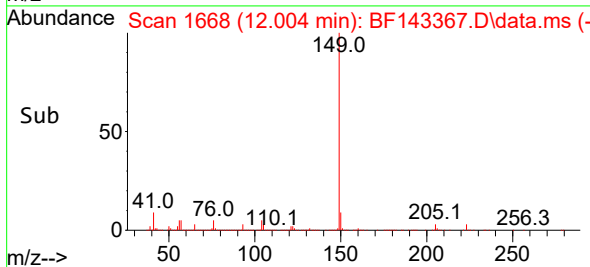
Reviewed By :Rahul Chavli 08/14/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

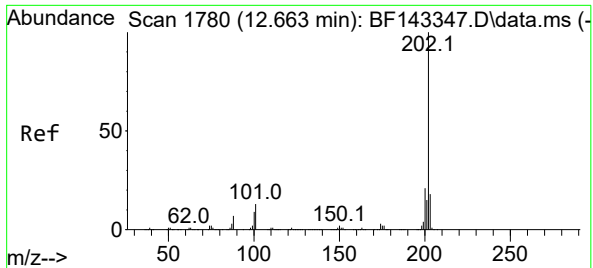


#74
 Di-n-butylphthalate
 Concen: 65.918 ng
 RT: 12.004 min Scan# 1668
 Delta R.T. -0.006 min
 Lab File: BF143367.D
 Acq: 13 Aug 2025 11:12



Tgt Ion:149 Resp: 1030302
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 4.7 3.8 5.8





#75

Fluoranthene

Concen: 48.568 ng

RT: 12.663 min Scan# 1780

Delta R.T. -0.000 min

Lab File: BF143367.D

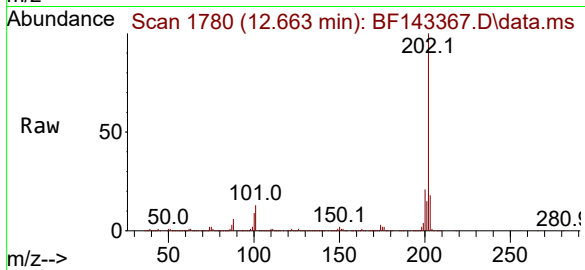
Acq: 13 Aug 2025 11:12

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDEMS



Tgt Ion:202 Resp: 909800

Ion Ratio Lower Upper

202 100

101 12.8 0.0 33.2

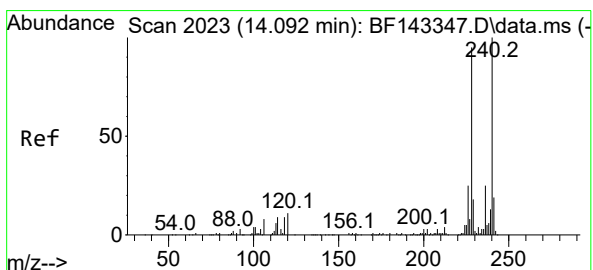
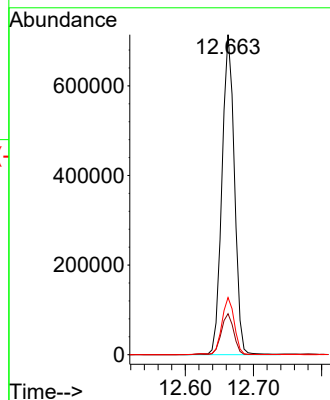
203 17.9 0.0 37.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.092 min Scan# 2023

Delta R.T. -0.000 min

Lab File: BF143367.D

Acq: 13 Aug 2025 11:12

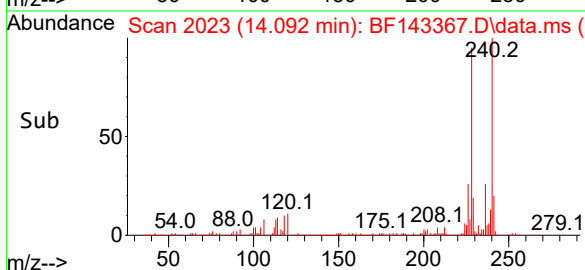
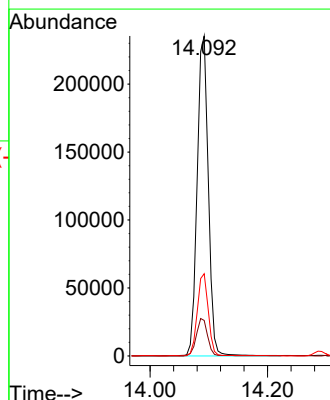
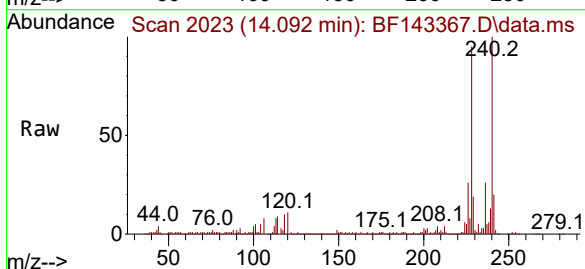
Tgt Ion:240 Resp: 309493

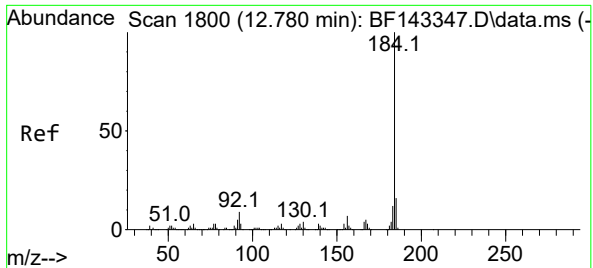
Ion Ratio Lower Upper

240 100

120 11.1 9.0 13.6

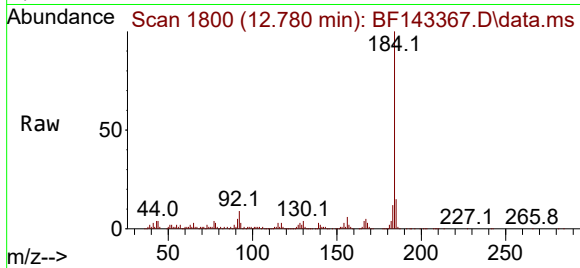
236 25.7 19.9 29.9





#77
Benzidine
Concen: 34.736 ng
RT: 12.780 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

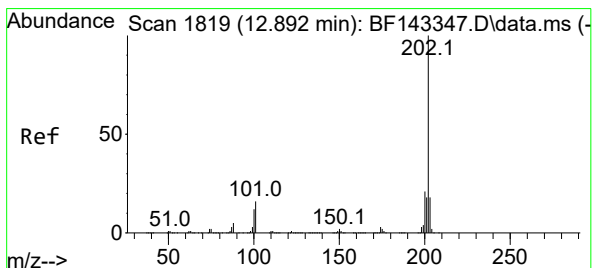
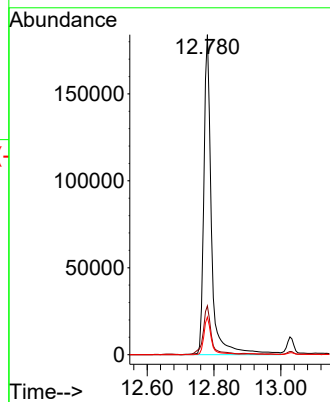
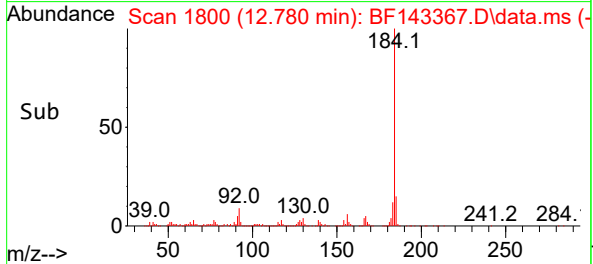
Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMS



Tgt Ion:184 Resp: 293910
Ion Ratio Lower Upper
184 100
185 15.3 12.8 19.2
183 11.7 9.3 13.9

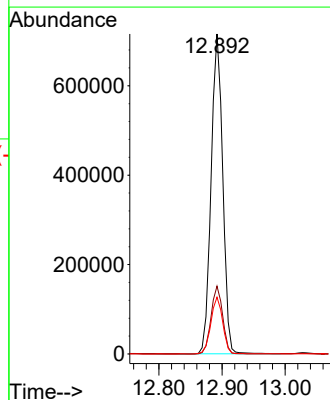
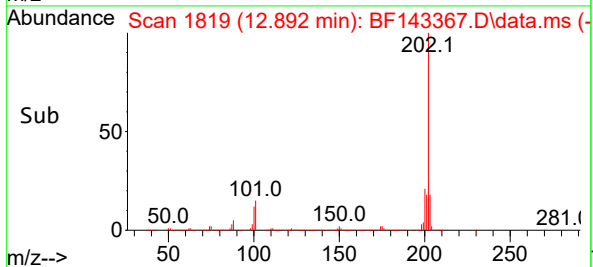
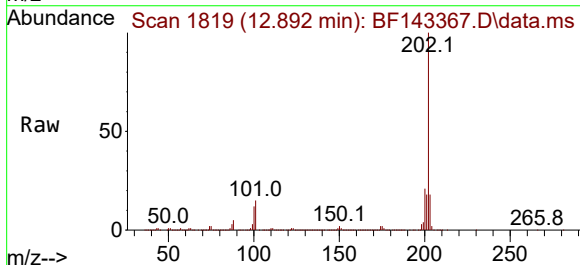
Manual Integrations
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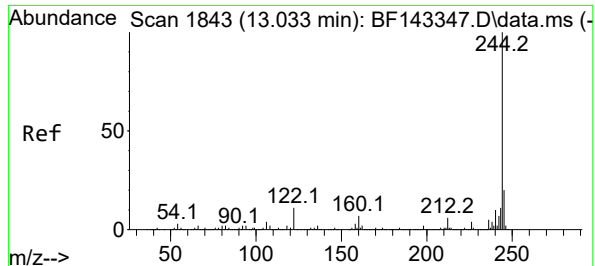
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#78
Pyrene
Concen: 35.225 ng
RT: 12.892 min Scan# 1819
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:202 Resp: 914572
Ion Ratio Lower Upper
202 100
200 21.2 16.8 25.2
203 17.8 14.2 21.4





#79

Terphenyl-d14

Concen: 58.445 ng

RT: 13.027 min Scan# 1843

Delta R.T. -0.006 min

Lab File: BF143367.D

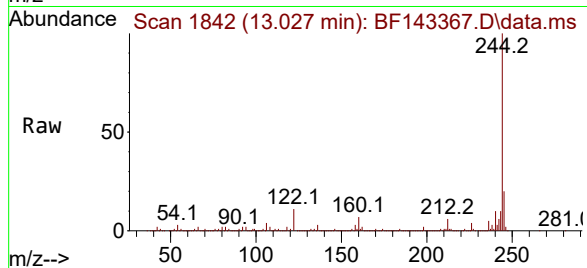
Acq: 13 Aug 2025 11:12

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDEMS



Tgt Ion:244 Resp: 1013154

Ion Ratio Lower Upper

244 100

212 6.4 5.1 7.7

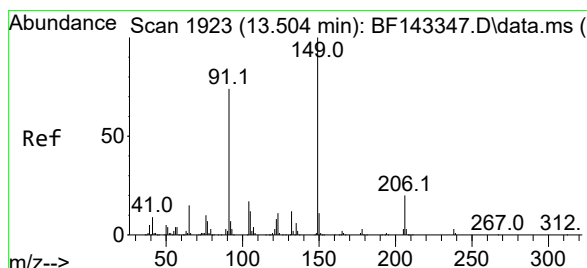
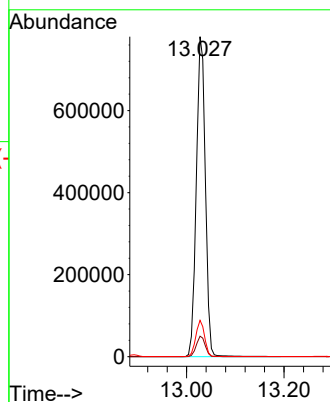
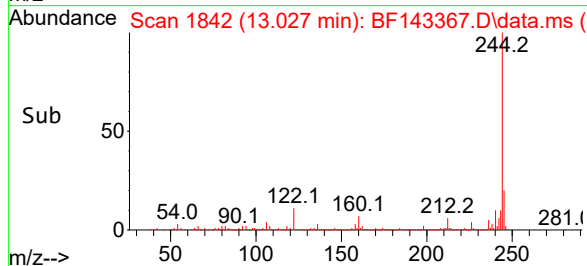
122 11.4 8.9 13.3

Manual Integrations

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Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#80

Butylbenzylphthalate

Concen: 72.449 ng

RT: 13.504 min Scan# 1923

Delta R.T. -0.000 min

Lab File: BF143367.D

Acq: 13 Aug 2025 11:12

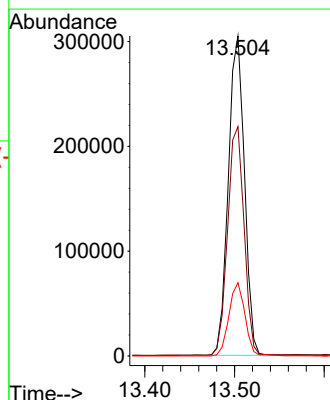
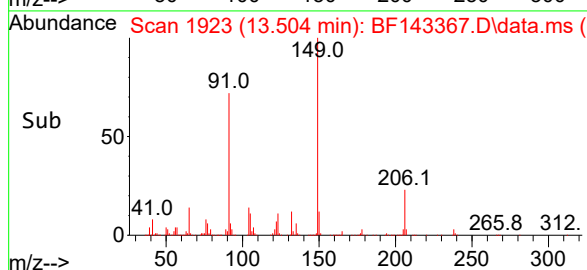
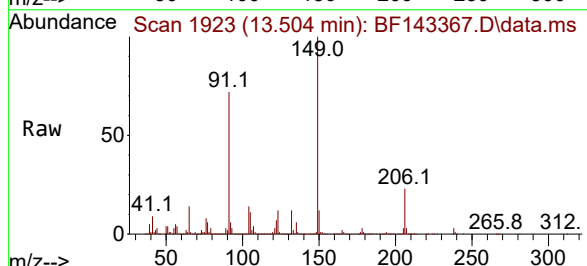
Tgt Ion:149 Resp: 381128

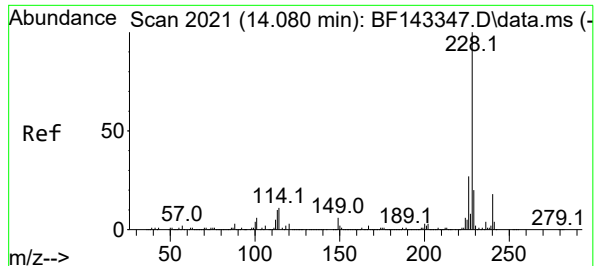
Ion Ratio Lower Upper

149 100

91 71.7 58.8 88.2

206 22.9 16.4 24.6





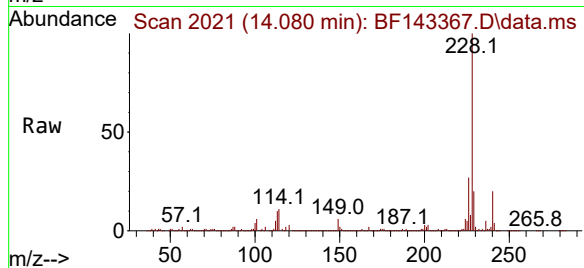
#81
Benzo(a)anthracene
Concen: 45.707 ng
RT: 14.080 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDEMS

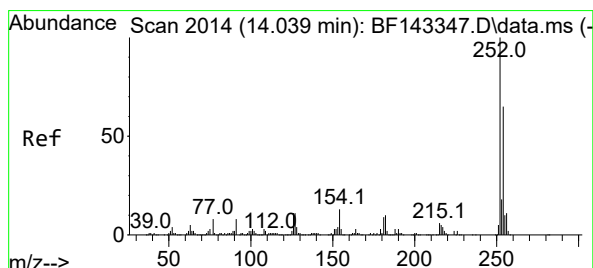
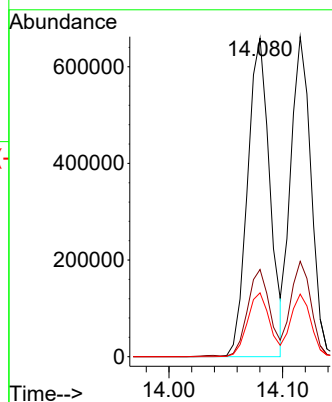
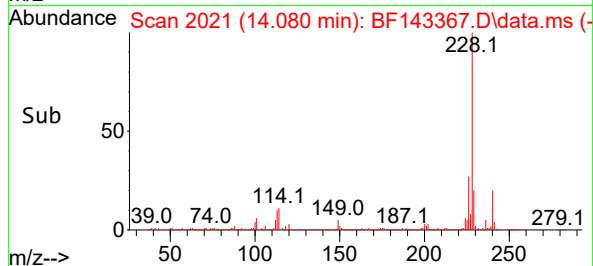


Tgt Ion:228 Resp: 899115
Ion Ratio Lower Upper
228 100
226 27.4 22.0 33.0
229 20.1 15.8 23.8

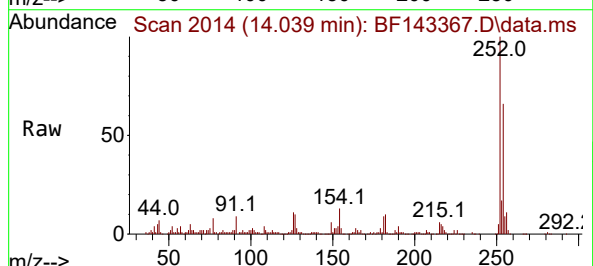
Manual Integrations

APPROVED

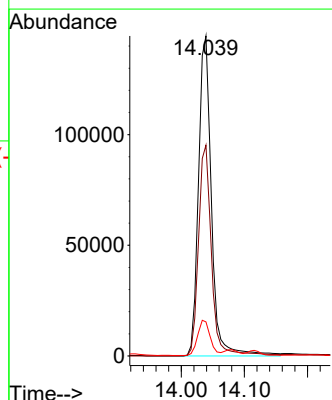
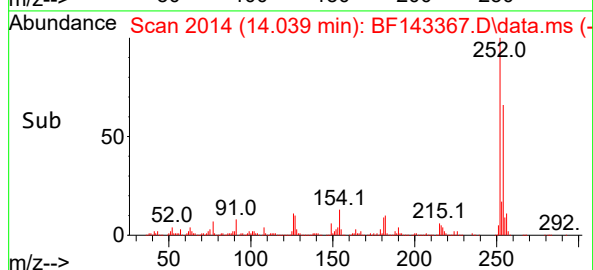
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

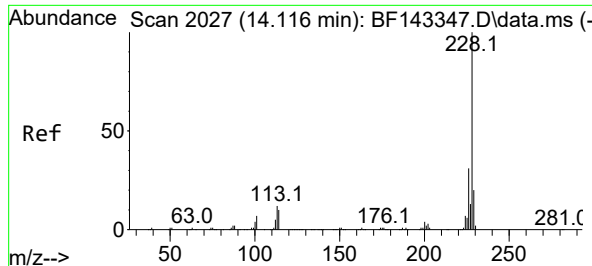


#82
3,3'-Dichlorobenzidine
Concen: 38.894 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12



Tgt Ion:252 Resp: 206592
Ion Ratio Lower Upper
252 100
254 65.9 51.7 77.5
126 10.7 9.2 13.8





#83

Chrysene

Concen: 45.269 ng

RT: 14.115 min Scan# 2027

Delta R.T. -0.000 min

Lab File: BF143367.D

Acq: 13 Aug 2025 11:12

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDEMS

Tgt Ion:228 Resp: 83034

Ion Ratio Lower Upper

228 100

226 29.8 24.2 36.2

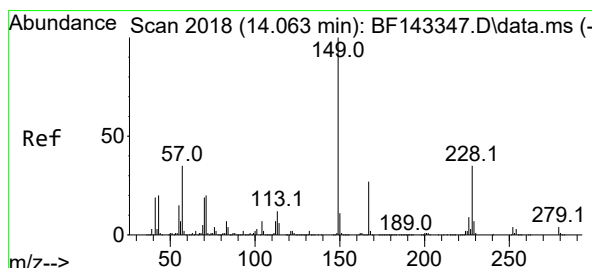
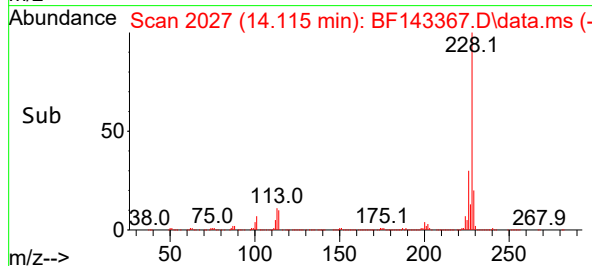
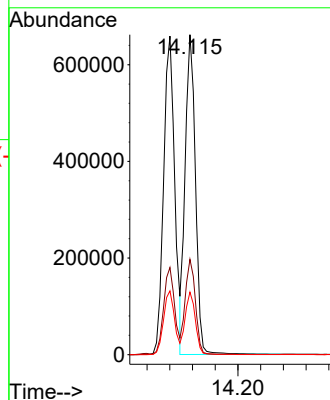
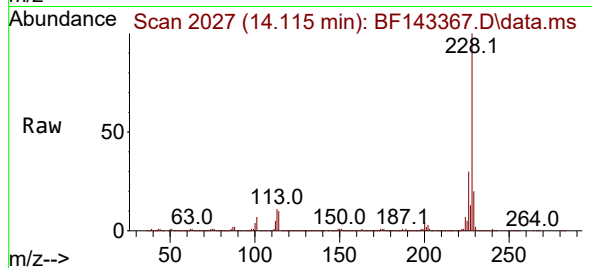
229 19.5 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 71.994 ng

RT: 14.063 min Scan# 2018

Delta R.T. -0.000 min

Lab File: BF143367.D

Acq: 13 Aug 2025 11:12

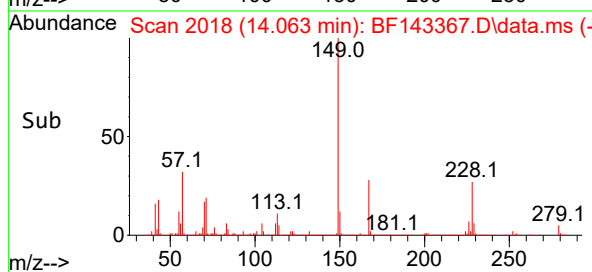
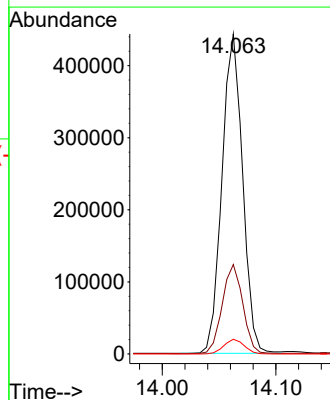
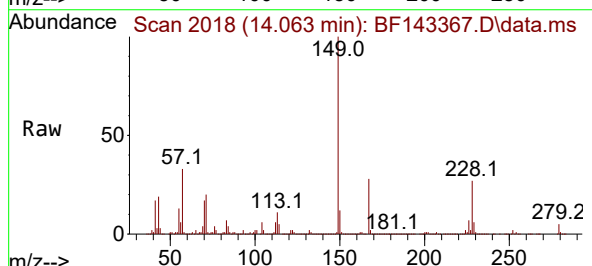
Tgt Ion:149 Resp: 559729

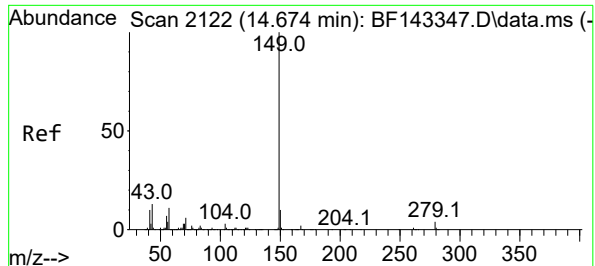
Ion Ratio Lower Upper

149 100

167 28.0 21.4 32.0

279 4.6 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 65.934 ng

RT: 14.674 min Scan# 2122

Delta R.T. 0.000 min

Lab File: BF143367.D

Acq: 13 Aug 2025 11:12

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDEMS

Tgt Ion:149 Resp: 102937

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

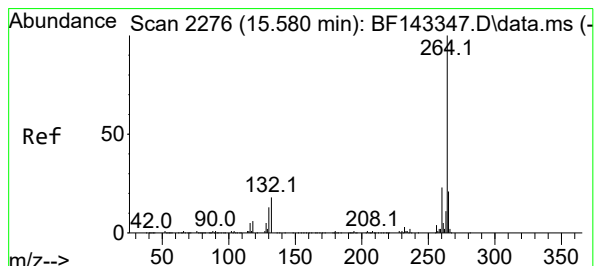
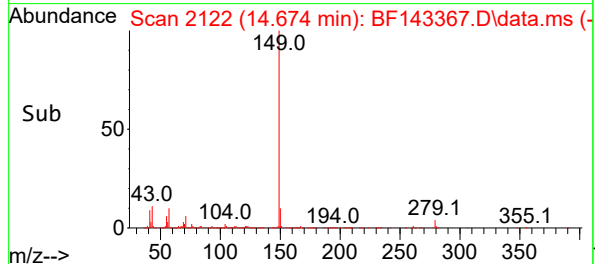
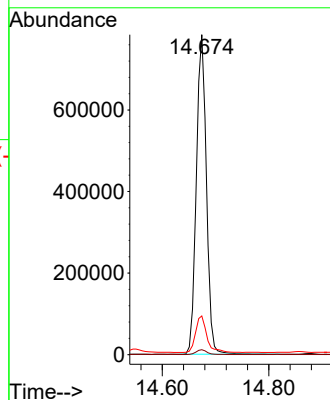
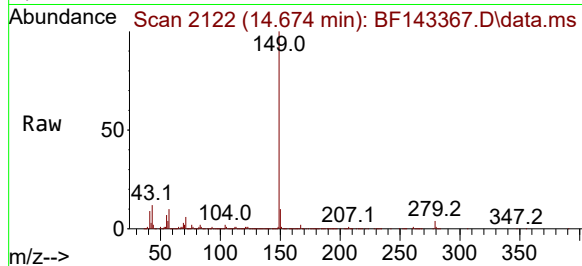
43 12.7 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.580 min Scan# 2276

Delta R.T. -0.000 min

Lab File: BF143367.D

Acq: 13 Aug 2025 11:12

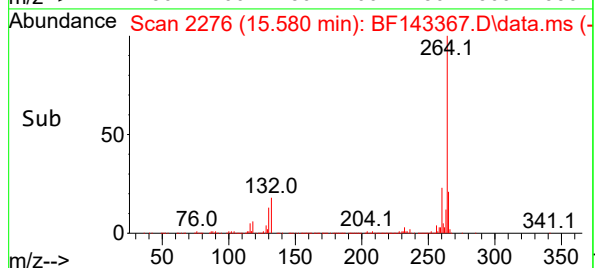
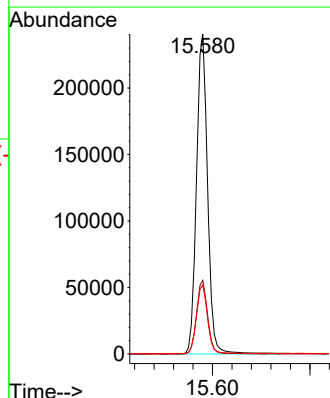
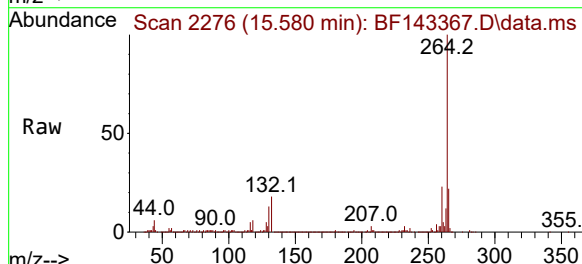
Tgt Ion:264 Resp: 383464

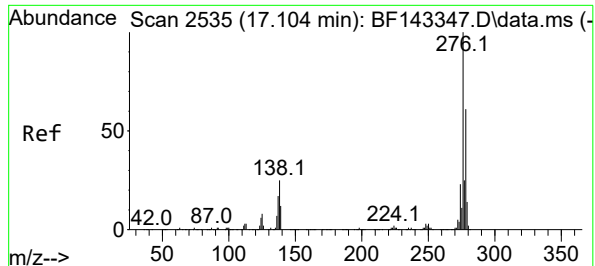
Ion Ratio Lower Upper

264 100

260 23.0 18.7 28.1

265 21.5 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.425 ng

RT: 17.104 min Scan# 2535

Delta R.T. -0.000 min

Lab File: BF143367.D

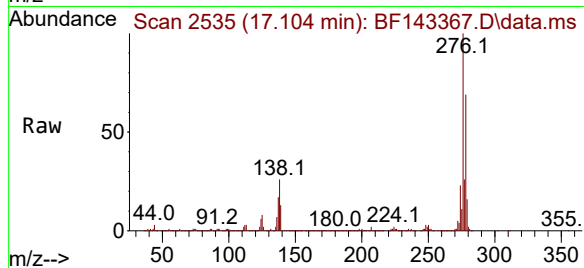
Acq: 13 Aug 2025 11:12

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDEMS



Tgt Ion:276 Resp: 1220480

Ion Ratio Lower Upper

276 100

138 26.2 21.1 31.7

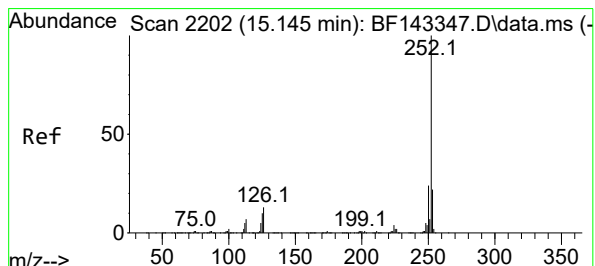
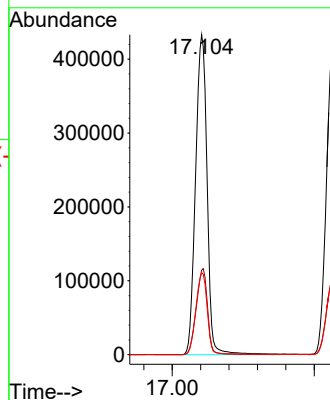
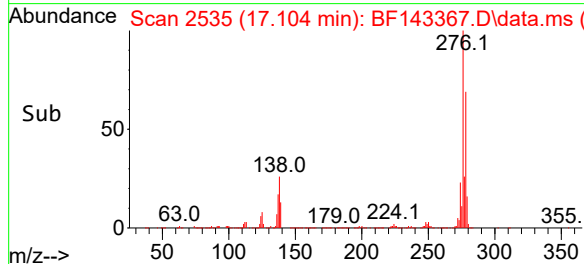
277 25.3 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#88

Benzo(b)fluoranthene

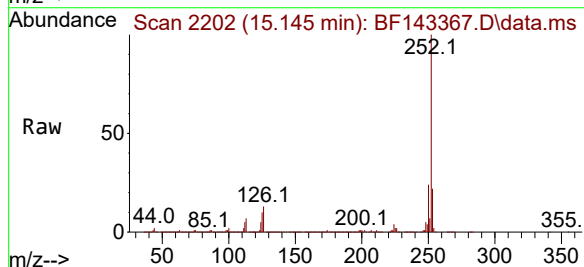
Concen: 48.714 ng

RT: 15.145 min Scan# 2202

Delta R.T. -0.000 min

Lab File: BF143367.D

Acq: 13 Aug 2025 11:12



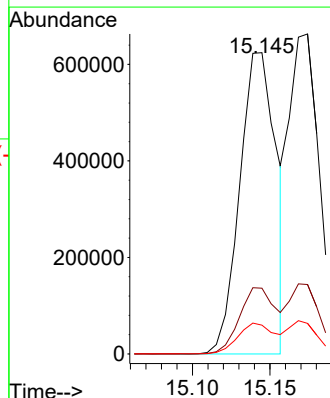
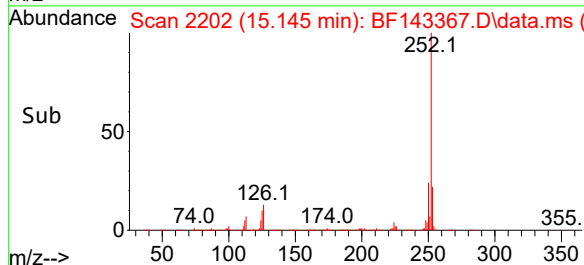
Tgt Ion:252 Resp: 1021721

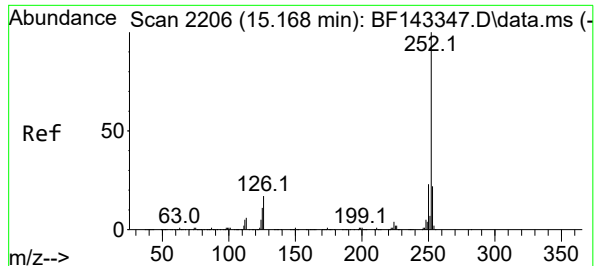
Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.8

125 9.6 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 45.078 ng

RT: 15.174 min Scan# 2207

Delta R.T. 0.006 min

Lab File: BF143367.D

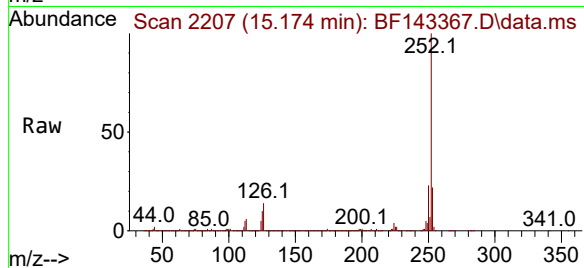
Acq: 13 Aug 2025 11:12

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDEMS



Tgt Ion:252 Resp: 918699

Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

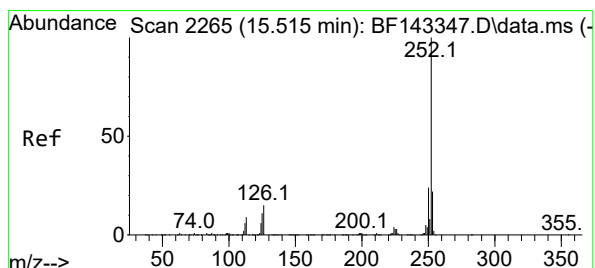
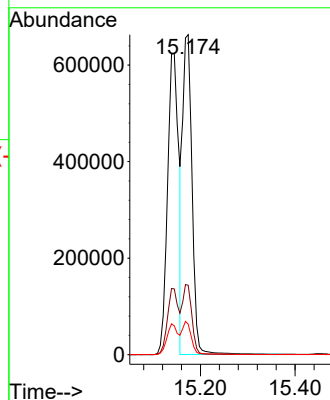
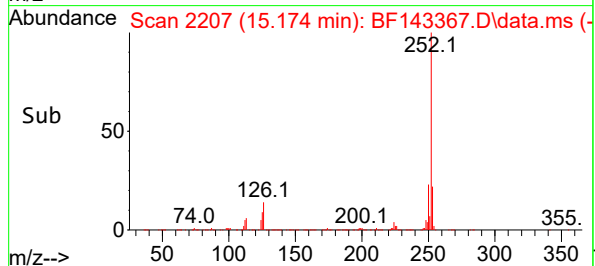
125 9.5 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#90

Benzo(a)pyrene

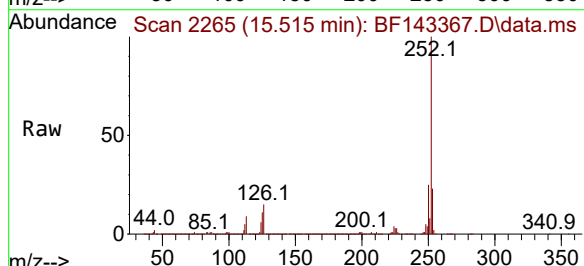
Concen: 48.173 ng

RT: 15.515 min Scan# 2265

Delta R.T. -0.000 min

Lab File: BF143367.D

Acq: 13 Aug 2025 11:12



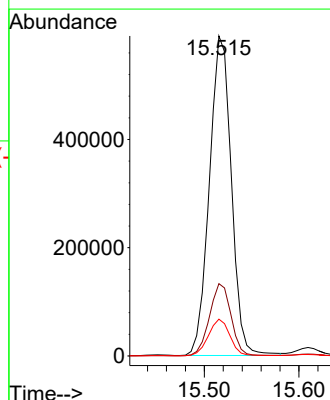
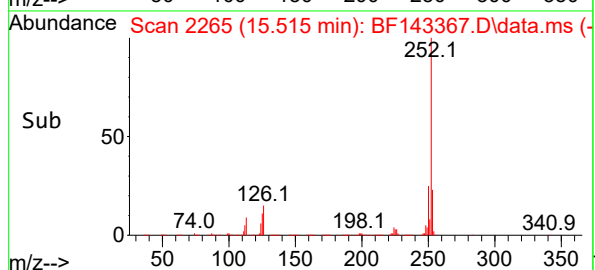
Tgt Ion:252 Resp: 951612

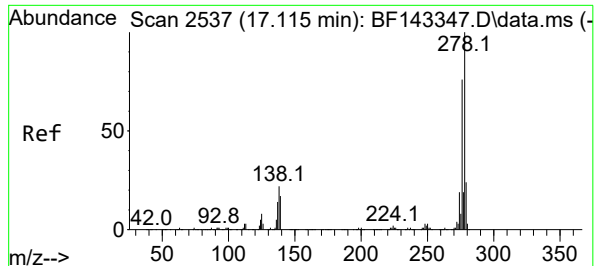
Ion Ratio Lower Upper

252 100

253 22.6 17.6 26.4

125 11.5 9.1 13.7





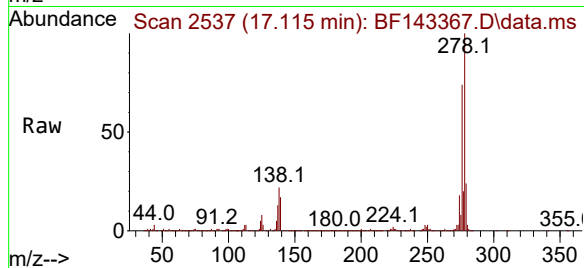
#91
Dibenzo(a,h)anthracene
Concen: 44.637 ng
RT: 17.115 min Scan# 2537
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDEMS

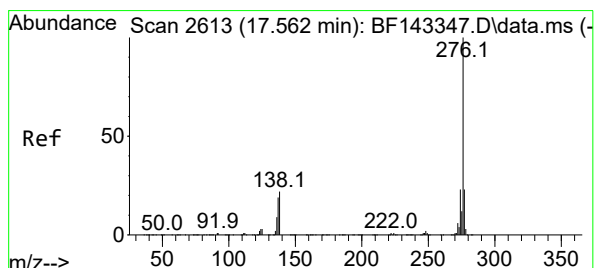
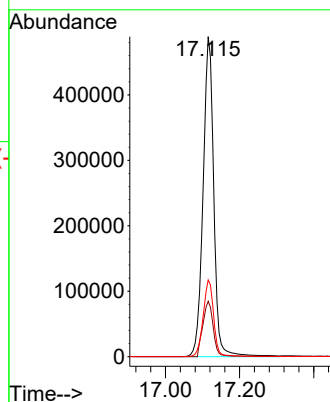
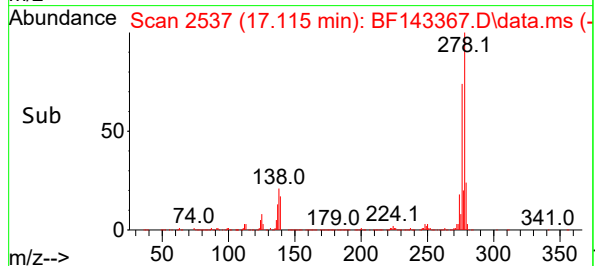


Tgt Ion:278 Resp: 979680
Ion Ratio Lower Upper
278 100
139 17.3 14.0 21.0
279 24.0 19.4 29.0

Manual Integrations

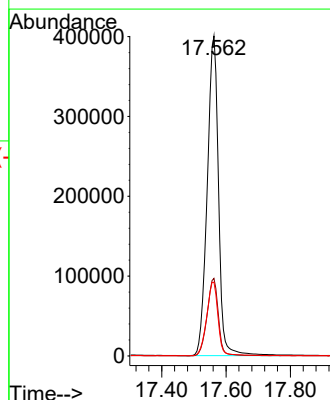
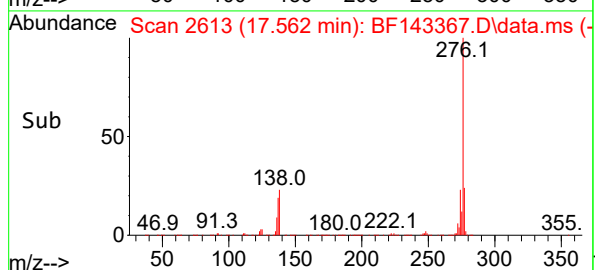
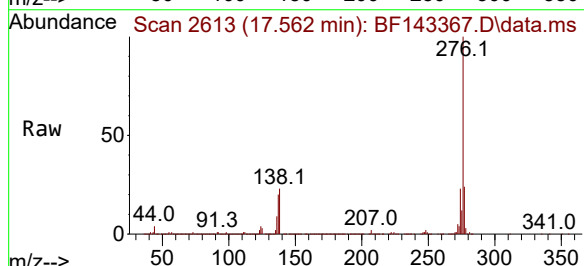
APPROVED

Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#92
Benzo(g,h,i)perylene
Concen: 44.090 ng
RT: 17.562 min Scan# 2613
Delta R.T. -0.000 min
Lab File: BF143367.D
Acq: 13 Aug 2025 11:12

Tgt Ion:276 Resp: 974809
Ion Ratio Lower Upper
276 100
277 24.2 18.7 28.1
138 23.1 17.8 26.8



Report of Analysis

Client:	G Environmental	Date Collected:	08/11/25
Project:	Ave B	Date Received:	08/11/25
Client Sample ID:	BIN0009-DRIVEWAY-TP-WESTSIDEMSD	SDG No.:	Q2826
Lab Sample ID:	Q2830-05MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	81
Sample Wt/Vol:	50.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143368.D	1	08/12/25 09:15	08/13/25 11:42	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	870		120	240	ug/Kg
108-95-2	Phenol	1100		16.4	130	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1100		18.0	130	ug/Kg
95-57-8	2-Chlorophenol	1200		18.1	130	ug/Kg
95-48-7	2-Methylphenol	1200		22.1	130	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100		27.8	130	ug/Kg
98-86-2	Acetophenone	1100		21.8	130	ug/Kg
65794-96-9	3+4-Methylphenols	1100		30.4	240	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1100		35.1	59.2	ug/Kg
67-72-1	Hexachloroethane	1200		13.0	130	ug/Kg
98-95-3	Nitrobenzene	1200		13.5	130	ug/Kg
78-59-1	Isophorone	1200		24.3	130	ug/Kg
88-75-5	2-Nitrophenol	1400		43.1	130	ug/Kg
105-67-9	2,4-Dimethylphenol	1300		48.0	130	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1200		22.8	130	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		21.0	130	ug/Kg
91-20-3	Naphthalene	1100		16.8	130	ug/Kg
106-47-8	4-Chloroaniline	550		26.2	130	ug/Kg
87-68-3	Hexachlorobutadiene	1100		18.7	130	ug/Kg
105-60-2	Caprolactam	1500		38.6	240	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1300		21.2	130	ug/Kg
91-57-6	2-Methylnaphthalene	1000		19.0	130	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2700	E	85.9	240	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1300		14.7	130	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		21.5	130	ug/Kg
92-52-4	1,1-Biphenyl	1100		16.1	130	ug/Kg
91-58-7	2-Chloronaphthalene	1100		16.7	130	ug/Kg
88-74-4	2-Nitroaniline	1300		35.6	130	ug/Kg
131-11-3	Dimethylphthalate	1300		20.1	130	ug/Kg

Report of Analysis

Client:	G Environmental	Date Collected:	08/11/25
Project:	Ave B	Date Received:	08/11/25
Client Sample ID:	BIN0009-DRIVEWAY-TP-WESTSIDEMSD	SDG No.:	Q2826
Lab Sample ID:	Q2830-05MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	81
Sample Wt/Vol:	50.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143368.D	1	08/12/25 09:15	08/13/25 11:42	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1200		21.4	130	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500		24.9	130	ug/Kg
99-09-2	3-Nitroaniline	990		34.1	130	ug/Kg
83-32-9	Acenaphthene	1200		15.8	130	ug/Kg
51-28-5	2,4-Dinitrophenol	2700	E	170	240	ug/Kg
100-02-7	4-Nitrophenol	2400	E	79.2	240	ug/Kg
132-64-9	Dibenzofuran	1100		16.8	130	ug/Kg
121-14-2	2,4-Dinitrotoluene	1500		37.1	130	ug/Kg
84-66-2	Diethylphthalate	1400		21.0	130	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200		19.8	130	ug/Kg
86-73-7	Fluorene	1100		18.7	130	ug/Kg
100-01-6	4-Nitroaniline	1500		47.5	130	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1600		76.3	240	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1100		24.4	130	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1200		20.6	130	ug/Kg
118-74-1	Hexachlorobenzene	1100		18.7	130	ug/Kg
1912-24-9	Atrazine	1400		25.2	130	ug/Kg
87-86-5	Pentachlorophenol	2500	E	38.0	240	ug/Kg
85-01-8	Phenanthrene	1100		15.5	130	ug/Kg
120-12-7	Anthracene	1100		24.7	130	ug/Kg
86-74-8	Carbazole	1100		23.1	130	ug/Kg
84-74-2	Di-n-butylphthalate	1700		35.5	130	ug/Kg
206-44-0	Fluoranthene	1300		22.2	130	ug/Kg
129-00-0	Pyrene	1200		26.7	130	ug/Kg
85-68-7	Butylbenzylphthalate	2300	E	52.9	130	ug/Kg
91-94-1	3,3-Dichlorobenzidine	860		27.2	240	ug/Kg
56-55-3	Benzo(a)anthracene	1100		17.0	130	ug/Kg
218-01-9	Chrysene	1200		14.7	130	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2000		43.8	130	ug/Kg
117-84-0	Di-n-octyl phthalate	1400		64.3	240	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		14.1	130	ug/Kg

Report of Analysis

Client:	G Environmental	Date Collected:	08/11/25
Project:	Ave B	Date Received:	08/11/25
Client Sample ID:	BIN0009-DRIVEWAY-TP-WESTSIDEMSD	SDG No.:	Q2826
Lab Sample ID:	Q2830-05MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	81
Sample Wt/Vol:	50.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143368.D	1	08/12/25 09:15	08/13/25 11:42	PB169210

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1300		16.6	130	ug/Kg
50-32-8	Benzo(a)pyrene	1200		21.8	130	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		21.5	130	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1200		20.3	130	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		19.0	130	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		19.0	130	ug/Kg
123-91-1	1,4-Dioxane	980		33.5	130	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1600		20.3	130	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	97.8		30 (18) - 130 (112)	65%	SPK: 150
13127-88-3	Phenol-d6	101		30 (15) - 130 (107)	67%	SPK: 150
4165-60-0	Nitrobenzene-d5	77.3		30 (18) - 130 (107)	77%	SPK: 100
321-60-8	2-Fluorobiphenyl	65.9		30 (20) - 130 (109)	66%	SPK: 100
118-79-6	2,4,6-Tribromophenol	142		30 (10) - 130 (116)	95%	SPK: 150
1718-51-0	Terphenyl-d14	77.5		30 (10) - 130 (105)	78%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	182000	6.928			
1146-65-2	Naphthalene-d8	708000	8.21			
15067-26-2	Acenaphthene-d10	401000	9.969			
1517-22-2	Phenanthrene-d10	660000	11.451			
1719-03-5	Chrysene-d12	401000	14.092			
1520-96-3	Perylene-d12	381000	15.58			

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\BF081325\
 Data File : BF143368.D
 Acq On : 13 Aug 2025 11:42
 Operator : RC/JU
 Sample : Q2830-05MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BIN0009-DRIVEWAY-TP-WESTSIDEMSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/14/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 13 12:09:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 12 13:25:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	182122	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	707644	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	400799	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	660496	20.000	ng	0.00
76) Chrysene-d12	14.092	240	401162	20.000	ng	0.00
86) Perylene-d12	15.580	264	380758	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1030173	97.815	ng	0.01
7) Phenol-d6	6.569	99	1365162	101.081	ng	0.00
23) Nitrobenzene-d5	7.487	82	878016	77.266	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	416362	142.146	ng	0.00
45) 2-Fluorobiphenyl	9.287	172	1556632	65.860	ng	0.00
79) Terphenyl-d14	13.033	244	1742522	77.549	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.852	88	216902	39.800	ng	99
3) Pyridine	3.610	79	587317	40.442	ng	98
4) n-Nitrosodimethylamine	3.552	42	317834	46.983	ng	99
6) Aniline	6.593	93	623006	32.720	ng	# 85
8) 2-Chlorophenol	6.722	128	538312	47.835	ng	97
9) Benzaldehyde	6.481	77	312941	35.058	ng	99
10) Phenol	6.581	94	683901	42.745	ng	90
11) bis(2-Chloroethyl)ether	6.663	93	535850	45.443	ng	100
12) 1,3-Dichlorobenzene	6.875	146	578637	44.578	ng	99
13) 1,4-Dichlorobenzene	6.945	146	581723	44.652	ng	99
14) 1,2-Dichlorobenzene	7.098	146	570467	46.129	ng	100
15) Benzyl Alcohol	7.069	79	492701	50.893	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.204	45	961341	45.666	ng	98
17) 2-Methylphenol	7.187	107	443333	46.670	ng	98
18) Hexachloroethane	7.445	117	202404	49.556	ng	97
19) n-Nitroso-di-n-propyla...	7.340	70	388884	46.600	ng	100
20) 3+4-Methylphenols	7.334	107	518418	45.126	ng	98
22) Acetophenone	7.334	105	694973	44.573	ng	99
24) Nitrobenzene	7.510	77	593508	48.092	ng	98
25) Isophorone	7.751	82	1117448	48.170	ng	100
26) 2-Nitrophenol	7.828	139	294278	58.630	ng	98
27) 2,4-Dimethylphenol	7.863	122	511164	52.817	ng	99
28) bis(2-Chloroethoxy)met...	7.957	93	676006	47.729	ng	100
29) 2,4-Dichlorophenol	8.069	162	468786	49.593	ng	99
30) 1,2,4-Trichlorobenzene	8.151	180	478500	47.989	ng	99
31) Naphthalene	8.234	128	1505002	44.199	ng	100
32) Benzoic acid	7.998	122	309164	65.585	ng	98
33) 4-Chloroaniline	8.275	127	272712	22.205	ng	99
34) Hexachlorobutadiene	8.351	225	288283	46.477	ng	99
35) Caprolactam	8.657	113	165196m	62.166	ng	
36) 4-Chloro-3-methylphenol	8.769	107	502504	50.708	ng	98
37) 2-Methylnaphthalene	8.922	142	946801	42.295	ng	100
38) 1-Methylnaphthalene	9.022	142	966128	44.811	ng	99
40) 1,2,4,5-Tetrachloroben...	9.092	216	480387	43.801	ng	99
41) Hexachlorocyclopentadiene	9.081	237	428209	108.143	ng	98
43) 2,4,6-Trichlorophenol	9.204	196	328493	52.788	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
 Data File : BF143368.D
 Acq On : 13 Aug 2025 11:42
 Operator : RC/JU
 Sample : Q2830-05MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BIN0009-DRIVEWAY-TP-WESTSIDEMSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/14/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 13 12:09:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 12 13:25:39 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	351758	50.056	ng	100
46) 1,1'-Biphenyl	9.386	154	1270549	44.834	ng	100
47) 2-Chloronaphthalene	9.416	162	979937	43.906	ng	99
48) 2-Nitroaniline	9.504	65	340937	52.679	ng	100
49) Acenaphthylene	9.828	152	1581483	49.067	ng	99
50) Dimethylphthalate	9.686	163	1214679	51.866	ng	99
51) 2,6-Dinitrotoluene	9.745	165	268843	59.883	ng	94
52) Acenaphthene	10.004	154	1043271	48.688	ng	99
53) 3-Nitroaniline	9.916	138	192473	40.131	ng	98
54) 2,4-Dinitrophenol	10.028	184	241742	108.851	ng	# 79
55) Dibenzofuran	10.175	168	1401976	45.461	ng	99
56) 4-Nitrophenol	10.086	139	377068	97.115	ng	95
57) 2,4-Dinitrotoluene	10.151	165	367974	61.658	ng	94
58) Fluorene	10.516	166	1069858	45.419	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.292	232	302951	63.954	ng	98
60) Diethylphthalate	10.386	149	1155461	55.082	ng	98
61) 4-Chlorophenyl-phenyle...	10.504	204	544980	47.882	ng	99
62) 4-Nitroaniline	10.534	138	276498	59.587	ng	99
63) Azobenzene	10.669	77	1235605	51.569	ng	95
65) 4,6-Dinitro-2-methylph...	10.563	198	186228	66.409	ng	96
66) n-Nitrosodiphenylamine	10.622	169	962968	44.277	ng	99
67) 4-Bromophenyl-phenylether	10.998	248	358621	47.475	ng	95
68) Hexachlorobenzene	11.069	284	376657	46.259	ng	99
69) Atrazine	11.151	200	331678	58.471	ng	99
70) Pentachlorophenol	11.263	266	403940	99.770	ng	97
71) Phenanthrene	11.480	178	1582864	43.924	ng	99
72) Anthracene	11.533	178	1617222	44.251	ng	100
73) Carbazole	11.680	167	1435658	46.126	ng	98
74) Di-n-butylphthalate	12.010	149	1806368	68.584	ng	100
75) Fluoranthene	12.669	202	1600581	50.705	ng	99
77) Benzidine	12.780	184	443223	40.413	ng	98
78) Pyrene	12.898	202	1573380	46.752	ng	99
80) Butylbenzylphthalate	13.504	149	628406	91.246	ng	98
81) Benzo(a)anthracene	14.080	228	1177706	46.189	ng	100
82) 3,3'-Dichlorobenzidine	14.039	252	240837	34.980	ng	99
83) Chrysene	14.121	228	1116683	46.969	ng	99
84) Bis(2-ethylhexyl)phtha...	14.063	149	801196	79.088	ng	97
85) Di-n-octyl phthalate	14.674	149	1151053	57.708	ng	96
87) Indeno(1,2,3-cd)pyrene	17.104	276	1270391	46.571	ng	99
88) Benzo(b)fluoranthene	15.145	252	1011358	48.563	ng	99
89) Benzo(k)fluoranthene	15.174	252	1035288	51.160	ng	100
90) Benzo(a)pyrene	15.521	252	987713	50.356	ng	99
91) Dibenzo(a,h)anthracene	17.121	278	1038764	47.665	ng	99
92) Benzo(g,h,i)perylene	17.562	276	1008201	45.924	ng	99

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

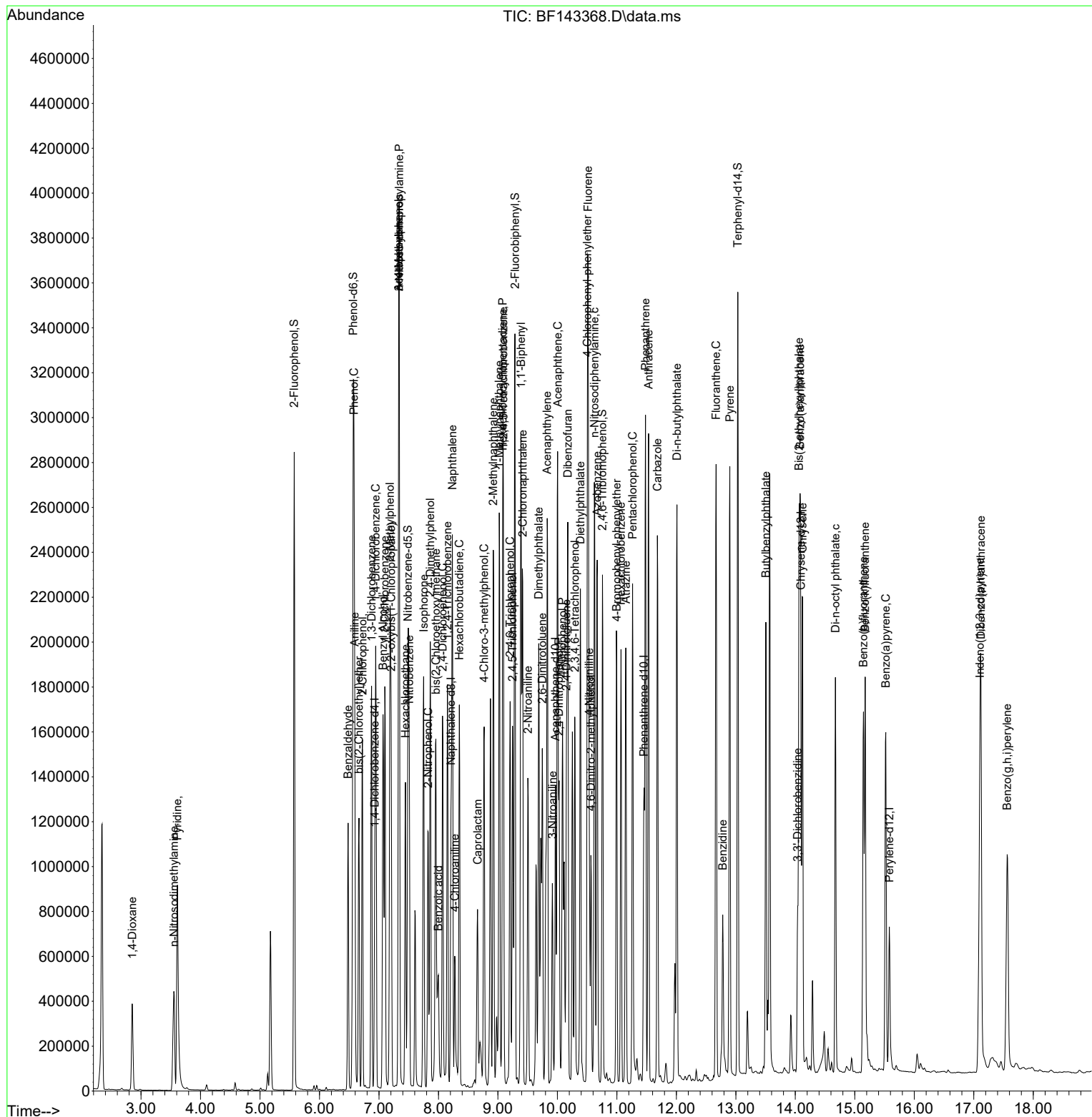
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Data File : BF143368.D  
Acq On    : 13 Aug 2025   11:42  
Operator  : RC/JU  
Sample    : Q2830-05MSD  
Misc      :  
ALS Vial  : 5    Sample Multiplier: 1
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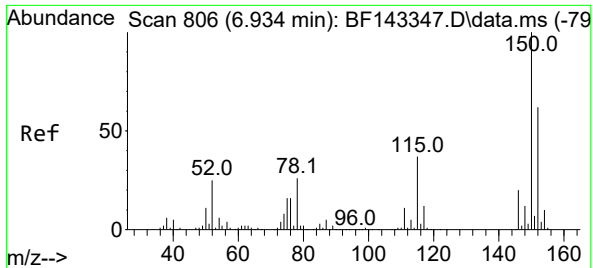
Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jaagrut Upadhyay 08/15/2025

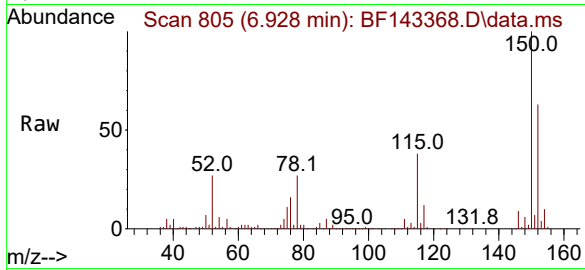
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

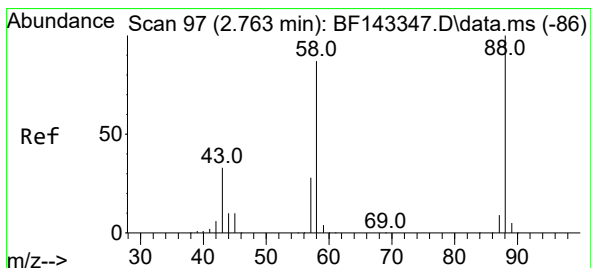
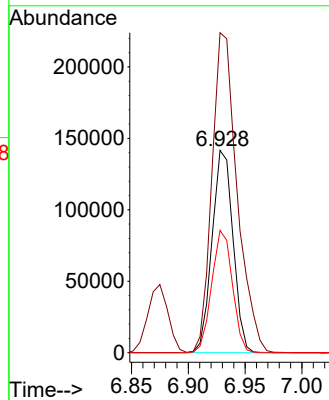
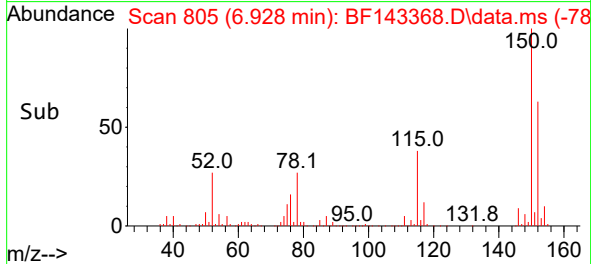
Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMSD



Tgt Ion: 152 Resp: 18212
Ion Ratio Lower Upper
152 100
150 158.2 129.8 194.8
115 60.5 47.8 71.8

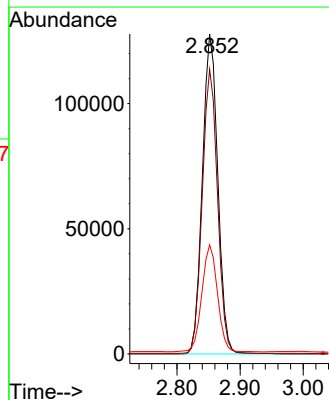
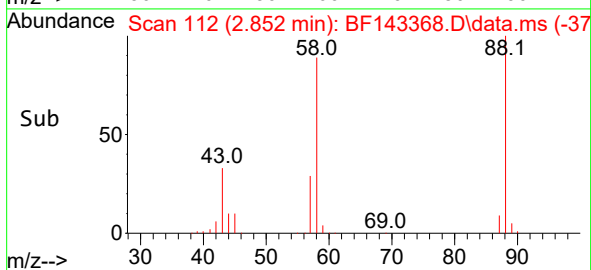
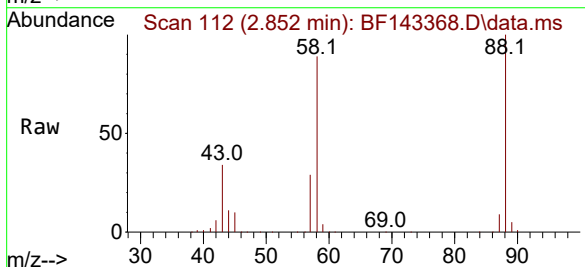
Manual Integrations
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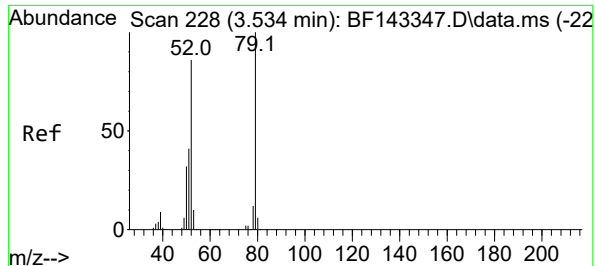
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#2
1,4-Dioxane
Concen: 39.800 ng
RT: 2.852 min Scan# 112
Delta R.T. 0.088 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

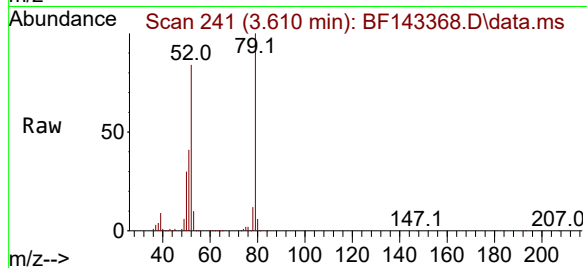
Tgt Ion: 88 Resp: 216902
Ion Ratio Lower Upper
88 100
58 87.7 71.0 106.6
43 33.7 27.0 40.6





#3
Pyridine
Concen: 40.442 ng
RT: 3.610 min Scan# 241
Delta R.T. 0.077 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

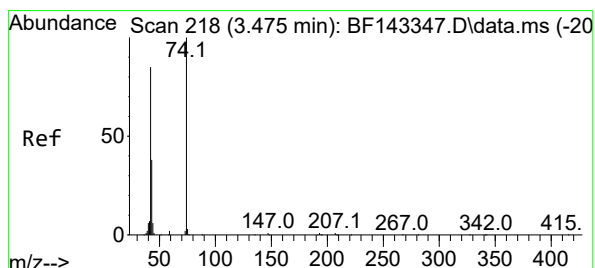
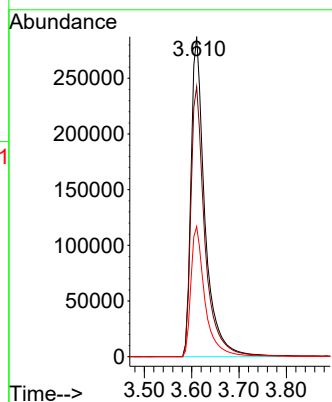
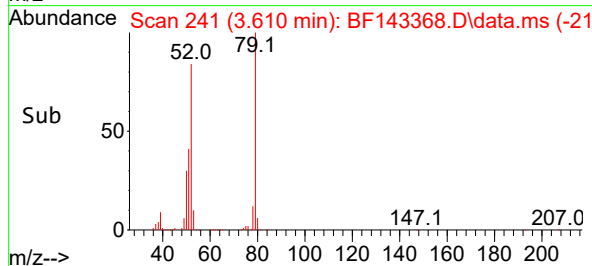
Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMSD



Tgt Ion: 79 Resp: 58731
Ion Ratio Lower Upper
79 100
52 84.4 68.7 103.1
51 40.6 33.4 50.0

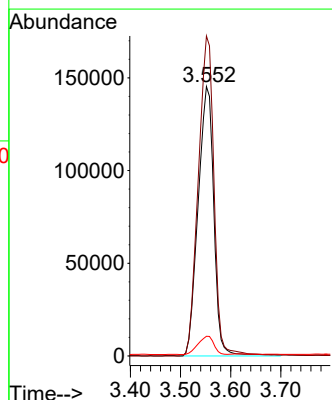
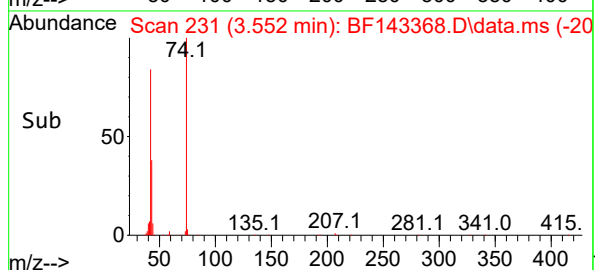
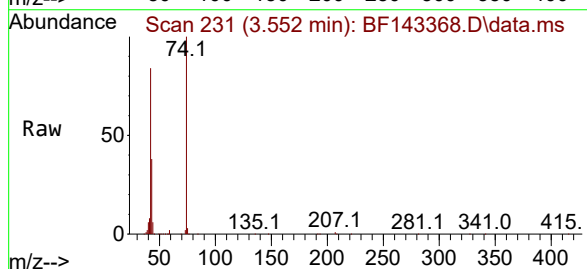
Manual Integrations
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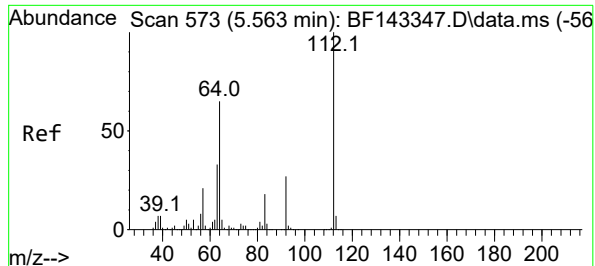
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#4
n-Nitrosodimethylamine
Concen: 46.983 ng
RT: 3.552 min Scan# 231
Delta R.T. 0.076 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

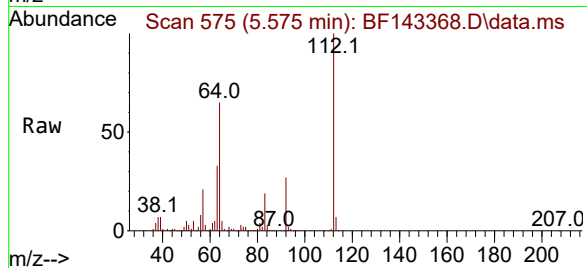
Tgt Ion: 42 Resp: 317834
Ion Ratio Lower Upper
42 100
74 118.8 94.1 141.1
44 7.3 6.5 9.7





#5
2-Fluorophenol
Concen: 97.815 ng
RT: 5.575 min Scan# 511
Delta R.T. 0.012 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

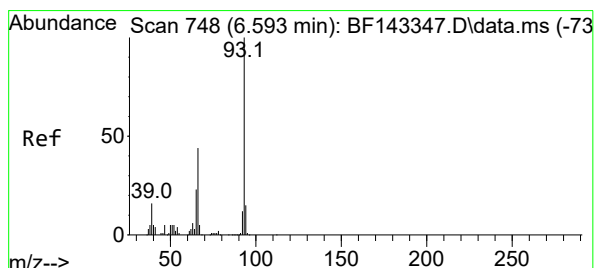
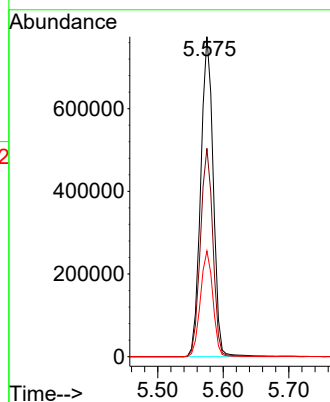
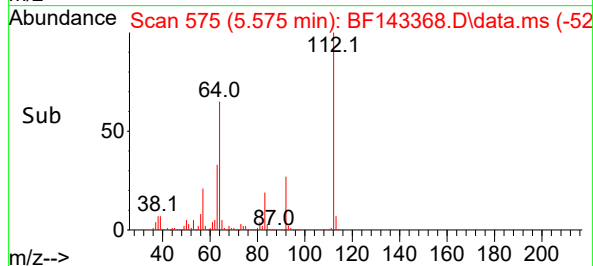
Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMSD



Tgt Ion: 112 Resp: 103017
Ion Ratio Lower Upper
112 100
64 65.1 52.1 78.1
63 33.1 26.6 39.8

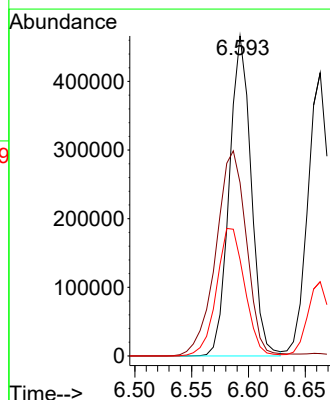
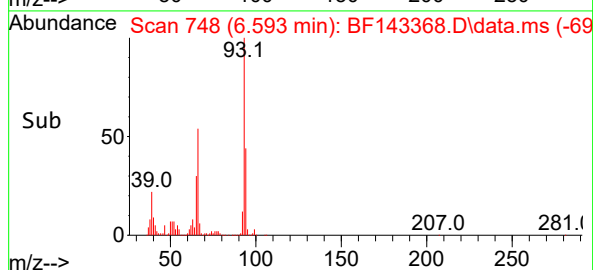
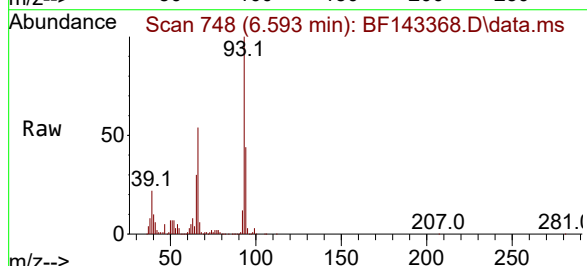
Manual Integrations
APPROVED

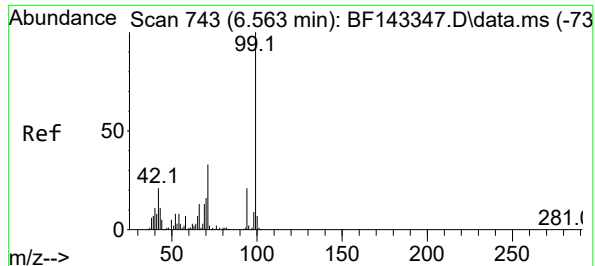
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#6
Aniline
Concen: 32.720 ng
RT: 6.593 min Scan# 748
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

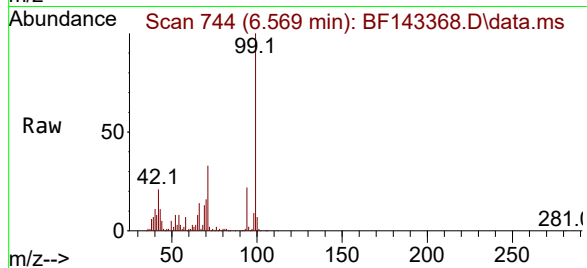
Tgt Ion: 93 Resp: 623006
Ion Ratio Lower Upper
93 100
66 54.2 35.3 52.9#
65 30.1 18.2 27.4#





#7
Phenol-d6
Concen: 101.081 ng
RT: 6.569 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

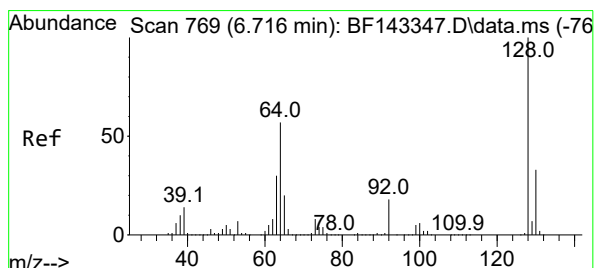
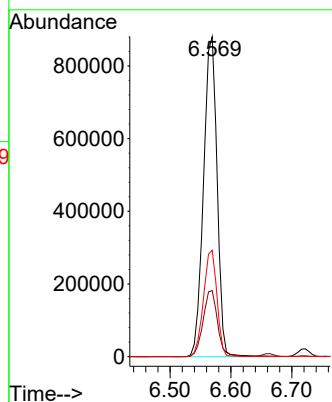
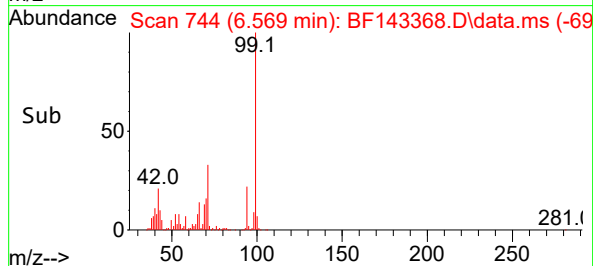
Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMSD



Tgt Ion: 99 Resp: 1365162
Ion Ratio Lower Upper
99 100
42 20.6 16.6 25.0
71 33.3 26.2 39.2

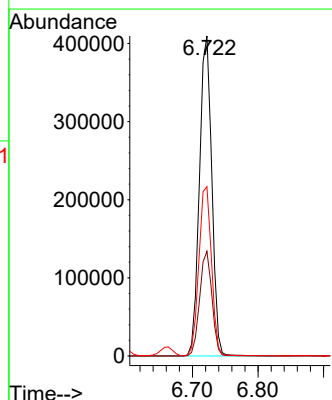
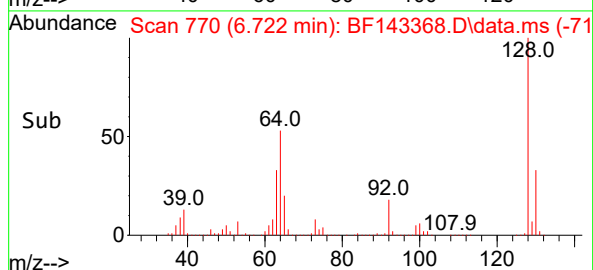
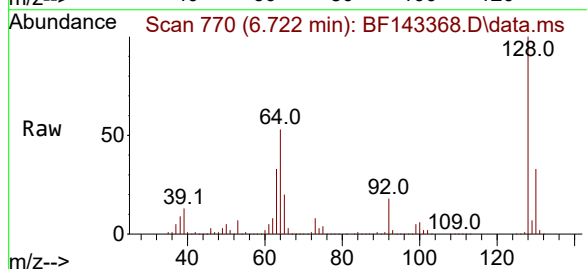
Manual Integrations
APPROVED

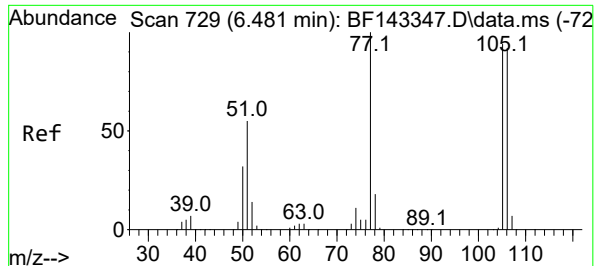
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#8
2-Chlorophenol
Concen: 47.835 ng
RT: 6.722 min Scan# 770
Delta R.T. 0.006 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

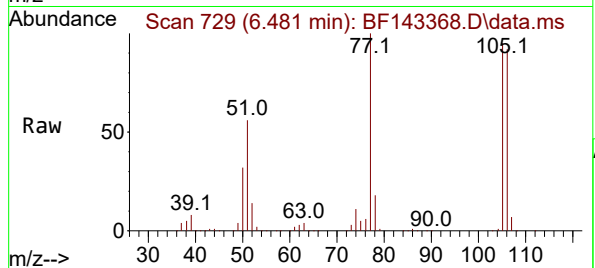
Tgt Ion:128 Resp: 538312
Ion Ratio Lower Upper
128 100
130 32.7 12.6 52.6
64 52.9 36.7 76.7





#9
Benzaldehyde
Concen: 35.058 ng
RT: 6.481 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

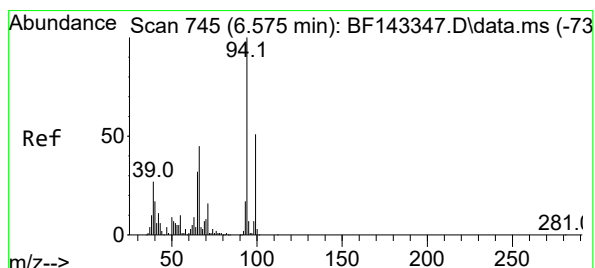
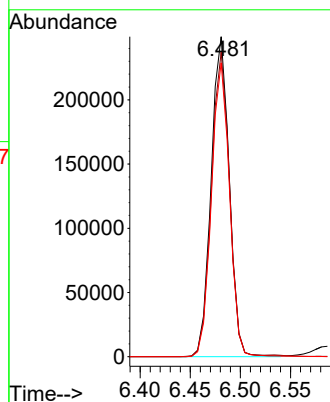
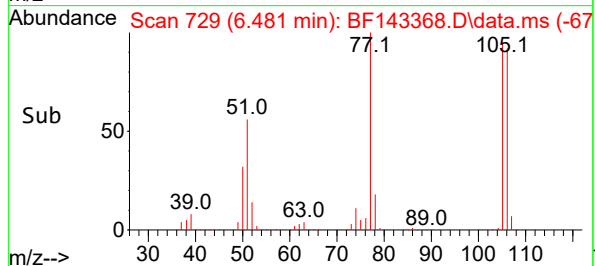
Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMSD



Tgt Ion: 77 Resp: 31294
Ion Ratio Lower Upper
77 100
105 95.1 74.2 114.2
106 91.9 72.2 112.2

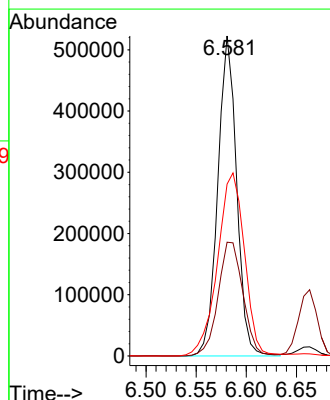
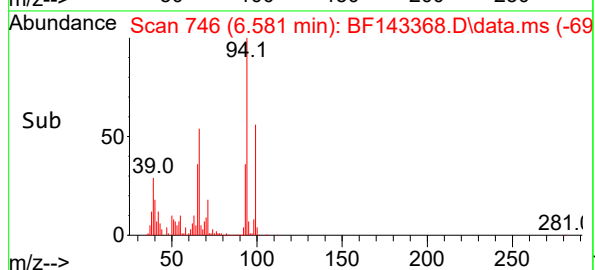
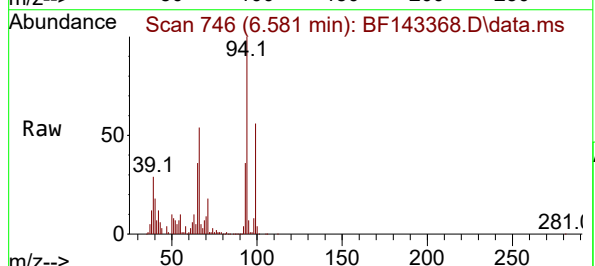
Manual Integrations
APPROVED

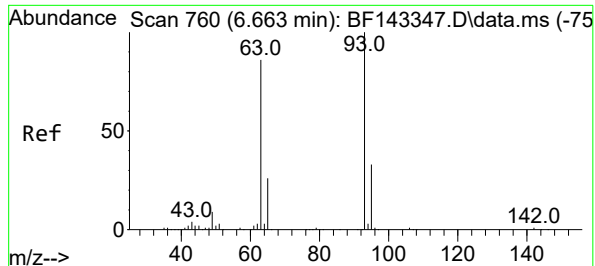
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#10
Phenol
Concen: 42.745 ng
RT: 6.581 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion: 94 Resp: 683901
Ion Ratio Lower Upper
94 100
65 35.6 12.0 52.0
66 53.7 25.6 65.6





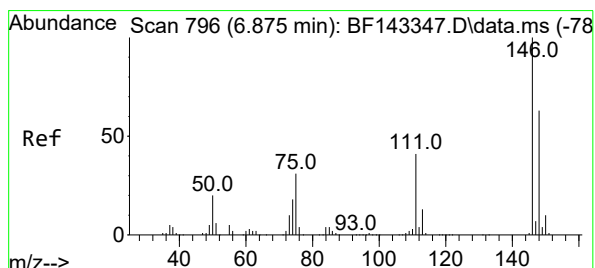
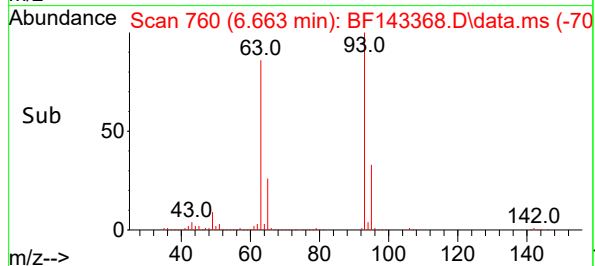
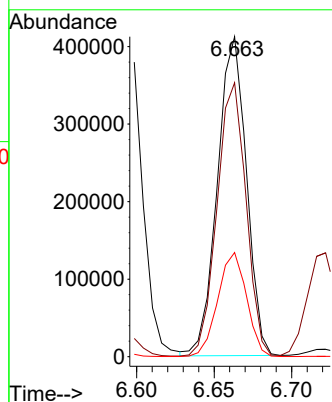
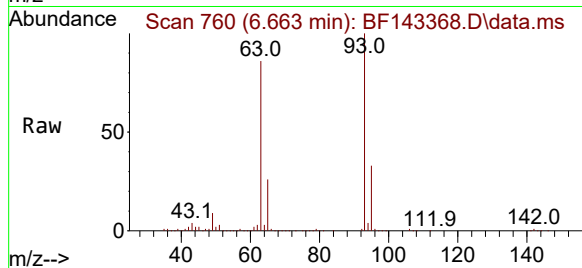
#11
bis(2-Chloroethyl)ether
Concen: 45.443 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMSD

Tgt Ion: 93 Resp: 535850
Ion Ratio Lower Upper
93 100
63 85.6 65.7 105.7
95 32.5 13.0 53.0

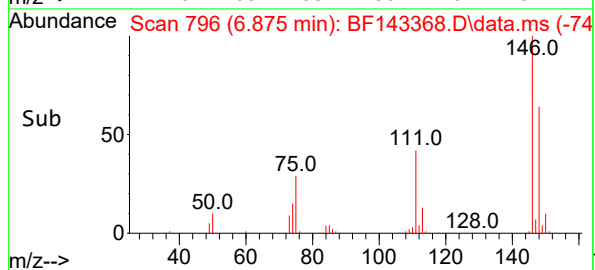
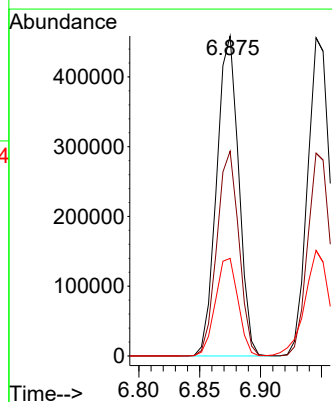
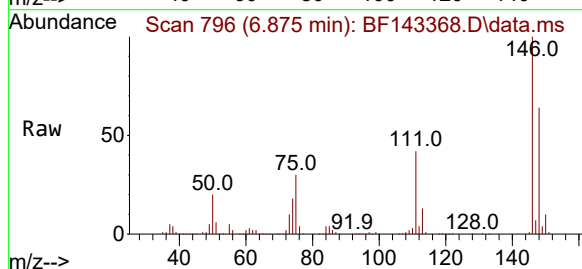
Manual Integrations
APPROVED

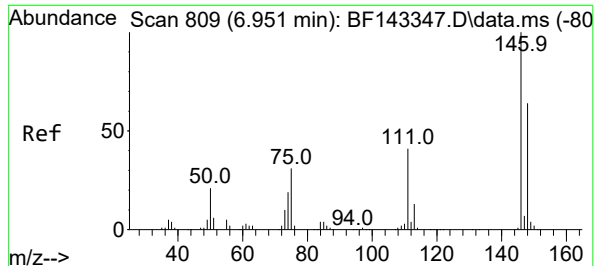
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#12
1,3-Dichlorobenzene
Concen: 44.578 ng
RT: 6.875 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:146 Resp: 578637
Ion Ratio Lower Upper
146 100
148 64.0 50.5 75.7
75 30.5 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 44.652 ng

RT: 6.945 min Scan# 809

Delta R.T. -0.006 min

Lab File: BF143368.D

Acq: 13 Aug 2025 11:42

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDEMSD

Tgt Ion:146 Resp: 58172

Ion Ratio Lower Upper

146 100

148 63.8 51.4 77.0

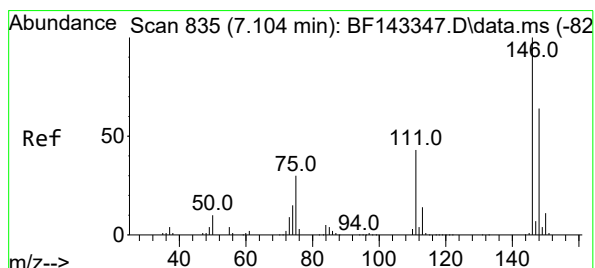
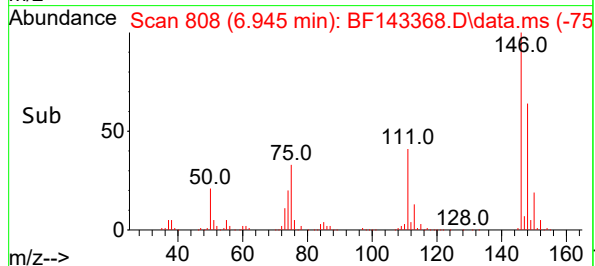
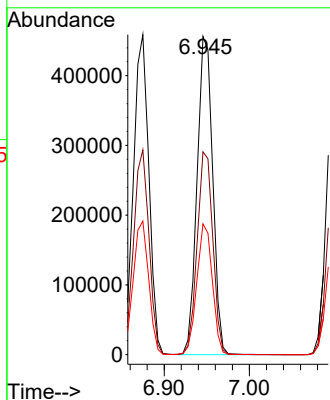
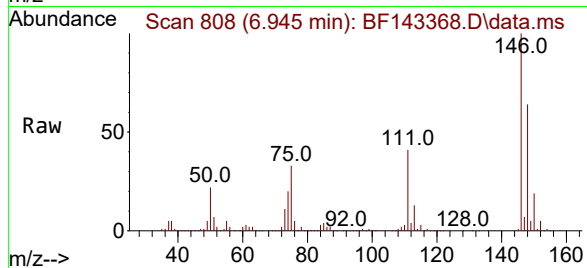
111 41.1 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#14

1,2-Dichlorobenzene

Concen: 46.129 ng

RT: 7.098 min Scan# 834

Delta R.T. -0.006 min

Lab File: BF143368.D

Acq: 13 Aug 2025 11:42

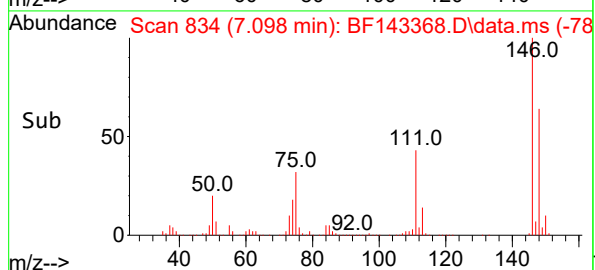
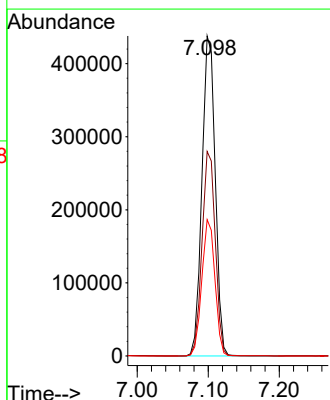
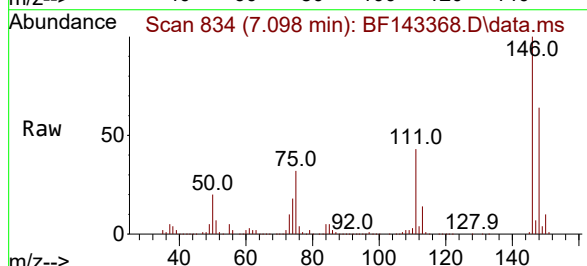
Tgt Ion:146 Resp: 570467

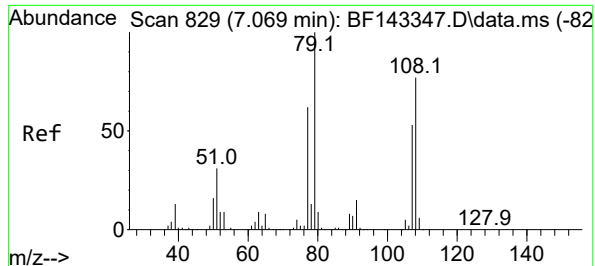
Ion Ratio Lower Upper

146 100

148 63.9 51.4 77.2

111 42.6 34.1 51.1





#15

Benzyl Alcohol

Concen: 50.893 ng

RT: 7.069 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF143368.D

Acq: 13 Aug 2025 11:42

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDEMSD

Tgt Ion: 79 Resp: 49270

Ion Ratio Lower Upper

79 100

108 76.5 61.5 92.3

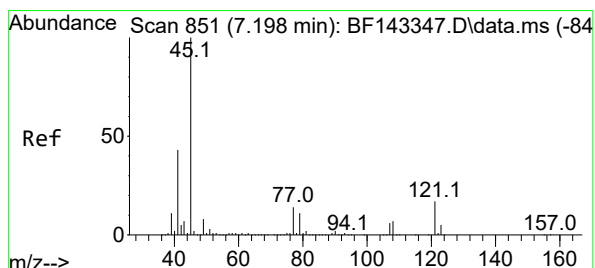
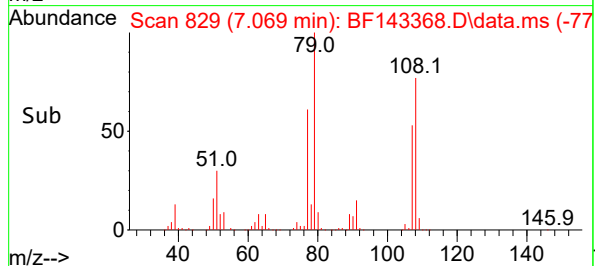
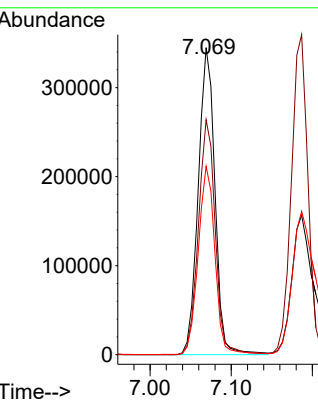
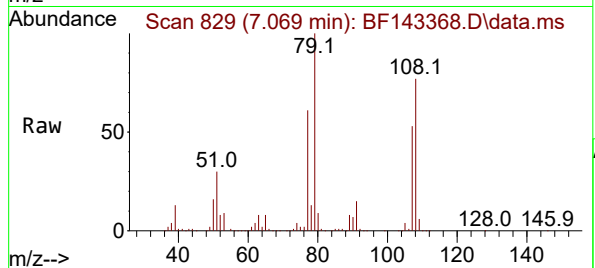
77 61.4 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.666 ng

RT: 7.204 min Scan# 852

Delta R.T. 0.006 min

Lab File: BF143368.D

Acq: 13 Aug 2025 11:42

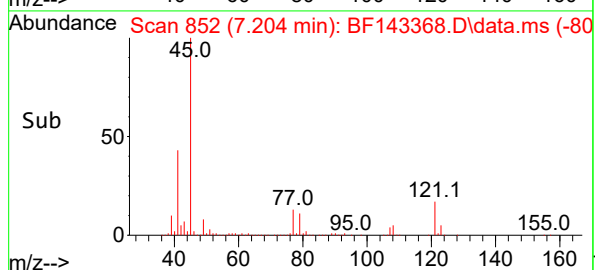
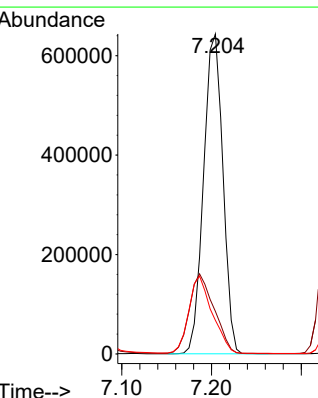
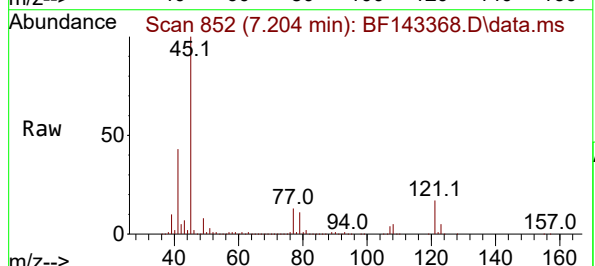
Tgt Ion: 45 Resp: 961341

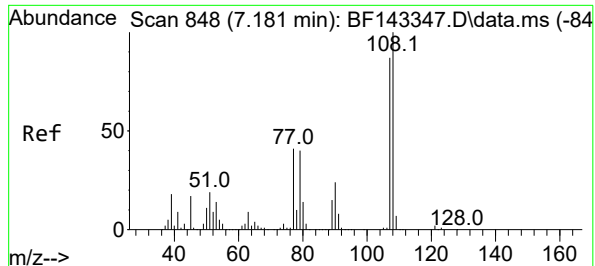
Ion Ratio Lower Upper

45 100

77 13.3 0.0 34.0

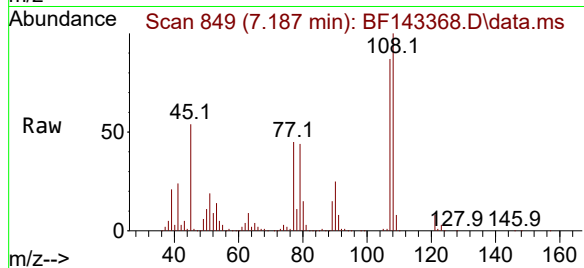
79 10.5 0.0 31.1





#17
2-Methylphenol
Concen: 46.670 ng
RT: 7.187 min Scan# 848
Delta R.T. 0.006 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

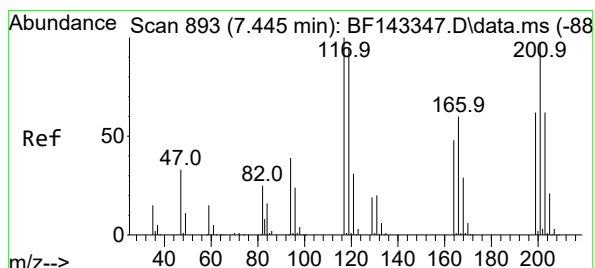
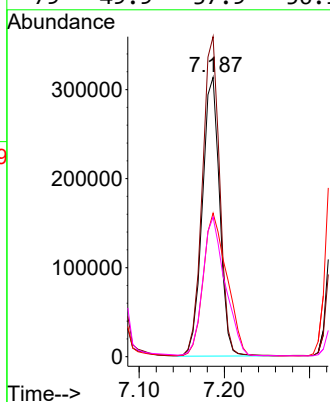
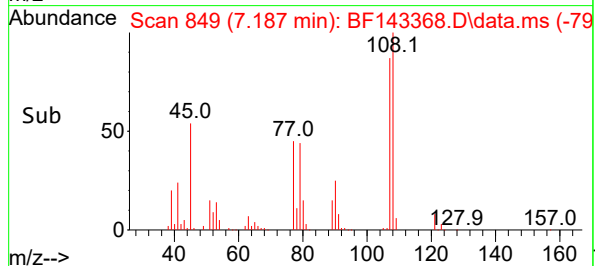
Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMSD



Tgt Ion:107 Resp: 44333
Ion Ratio Lower Upper
107 100
108 114.5 92.0 138.0
77 51.4 38.2 57.2
79 49.9 37.9 56.9

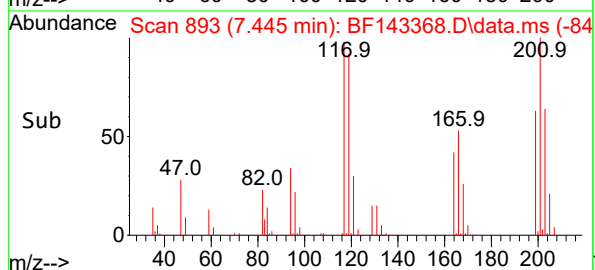
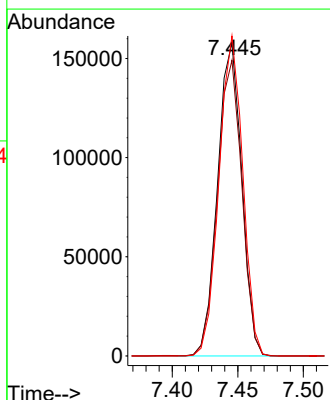
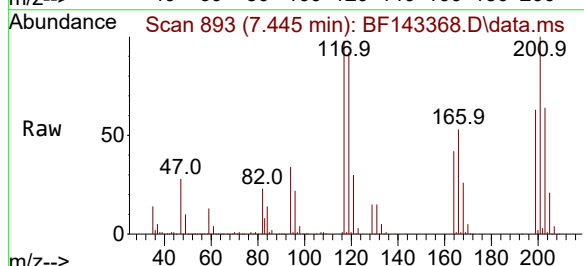
Manual Integrations
APPROVED

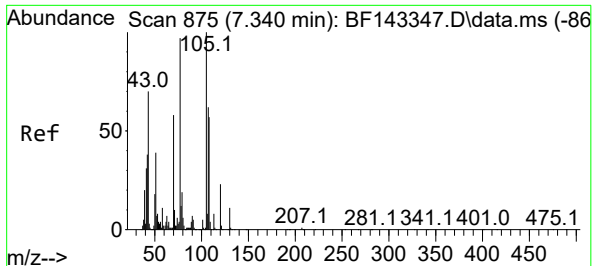
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#18
Hexachloroethane
Concen: 49.556 ng
RT: 7.445 min Scan# 893
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:117 Resp: 202404
Ion Ratio Lower Upper
117 100
119 94.4 75.8 113.8
201 102.2 77.2 115.8





#19

n-Nitroso-di-n-propylamine

Concen: 46.600 ng

RT: 7.340 min Scan# 875

Delta R.T. 0.000 min

Lab File: BF143368.D

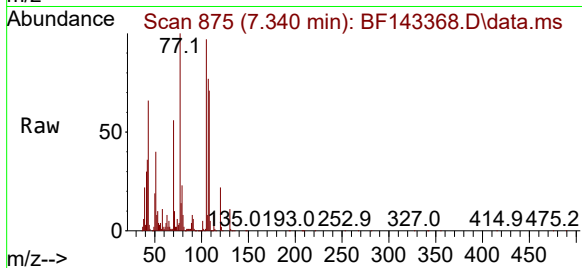
Acq: 13 Aug 2025 11:42

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDEMSD



Tgt Ion: 70 Resp: 388884

Ion Ratio Lower Upper

70 100

42 64.9 51.6 77.4

101 9.4 7.5 11.3

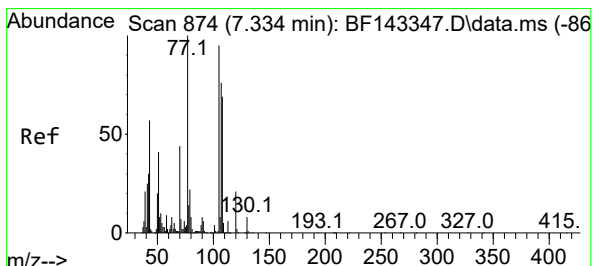
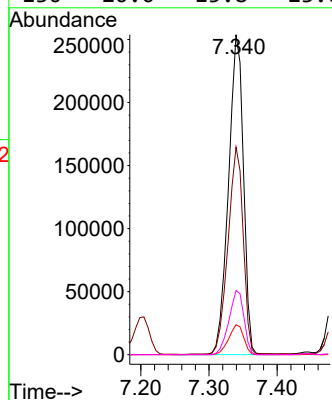
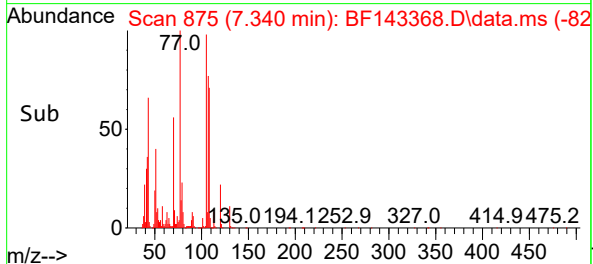
130 20.0 15.8 23.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#20

3+4-Methylphenols

Concen: 45.126 ng

RT: 7.334 min Scan# 874

Delta R.T. 0.000 min

Lab File: BF143368.D

Acq: 13 Aug 2025 11:42

Tgt Ion:107 Resp: 518418

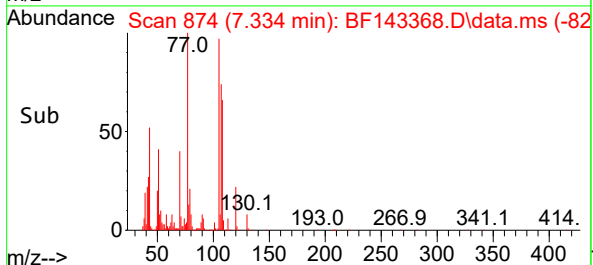
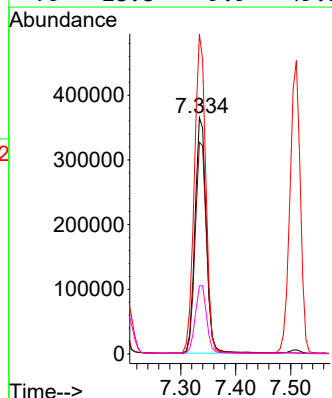
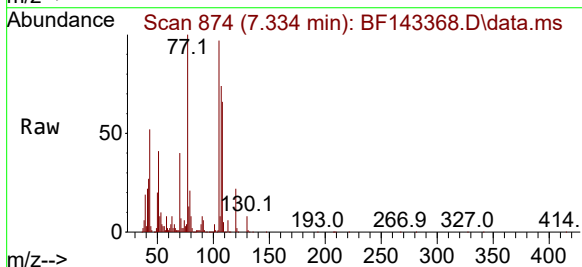
Ion Ratio Lower Upper

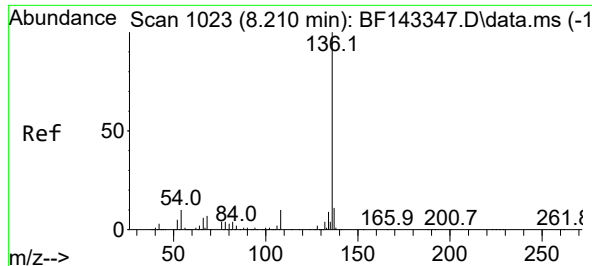
107 100

108 89.6 70.6 110.6

77 135.4 112.0 152.0

79 28.8 9.9 49.9





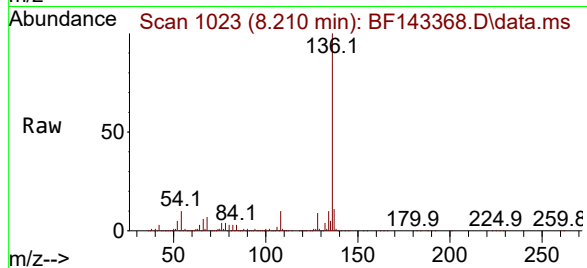
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDEMSD

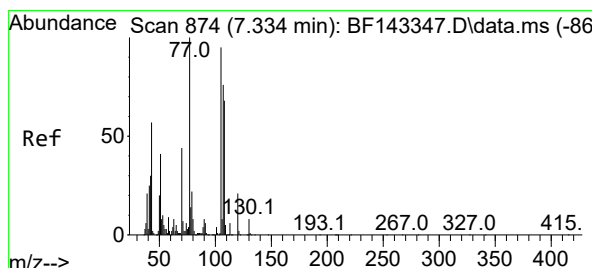
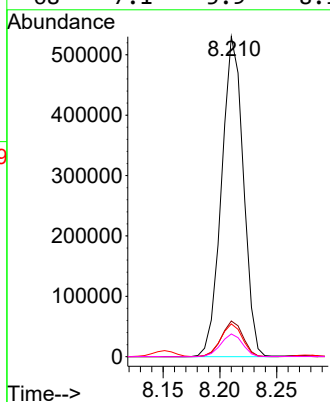
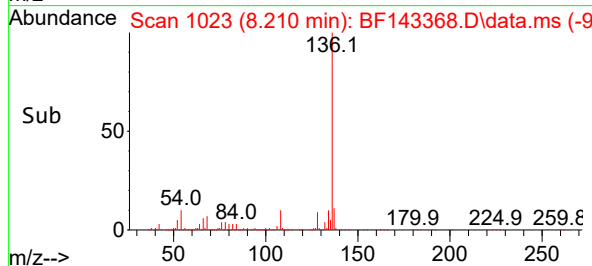


Tgt Ion:136 Resp: 707644
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 10.3 8.4 12.6
68 7.1 5.9 8.9

Manual Integrations

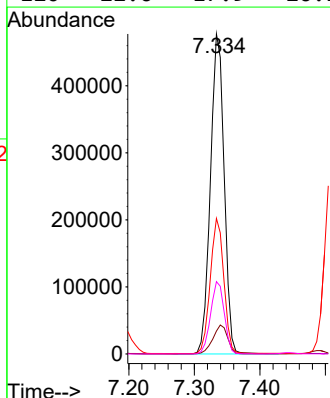
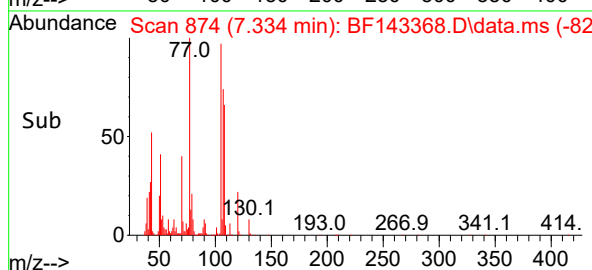
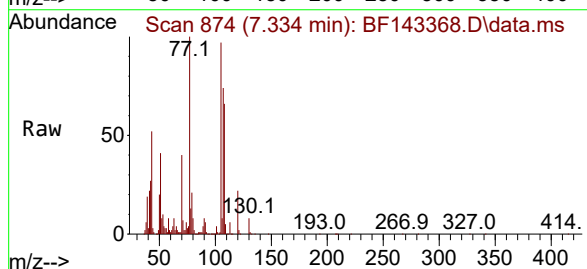
APPROVED

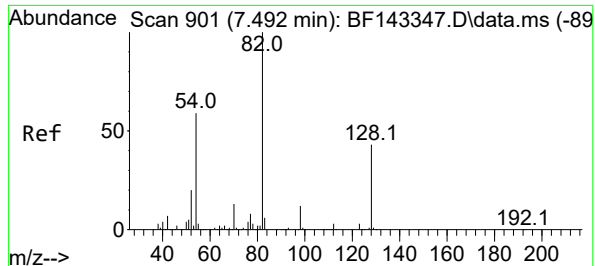
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#22
Acetophenone
Concen: 44.573 ng
RT: 7.334 min Scan# 874
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:105 Resp: 694973
Ion Ratio Lower Upper
105 100
71 7.1 6.2 9.4
51 42.3 34.8 52.2
120 22.6 17.9 26.9





#23

Nitrobenzene-d5

Concen: 77.266 ng

RT: 7.487 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF143368.D

Acq: 13 Aug 2025 11:42

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDEMSD

Tgt Ion: 82 Resp: 878010

Ion Ratio Lower Upper

82 100

128 43.3 33.5 50.3

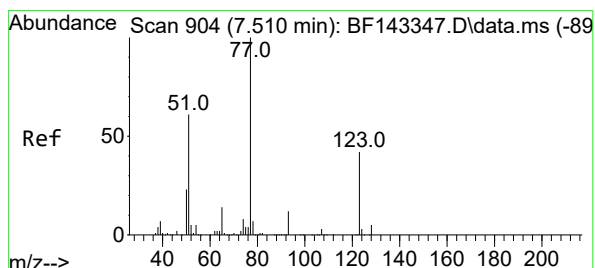
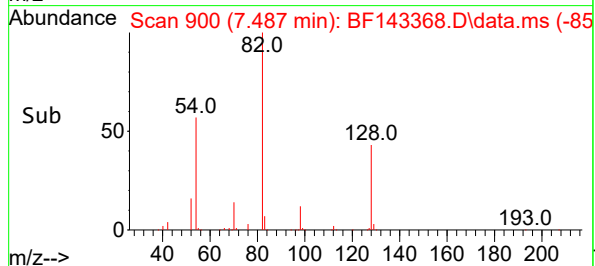
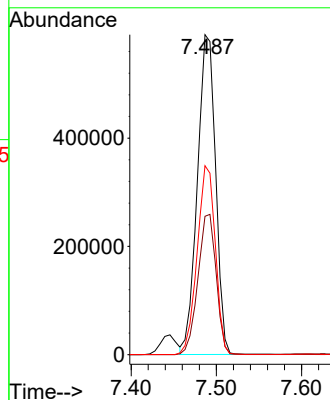
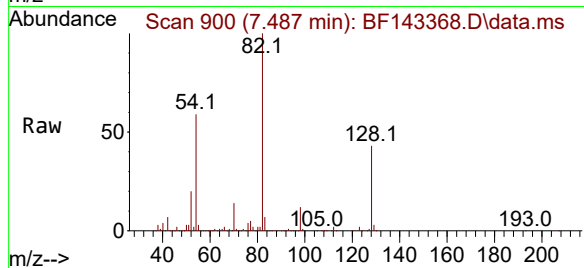
54 59.0 46.7 70.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#24

Nitrobenzene

Concen: 48.092 ng

RT: 7.510 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF143368.D

Acq: 13 Aug 2025 11:42

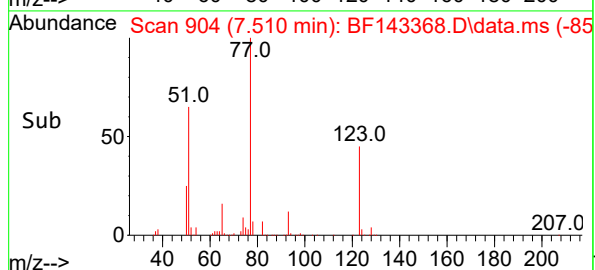
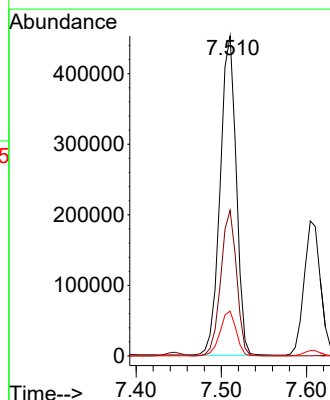
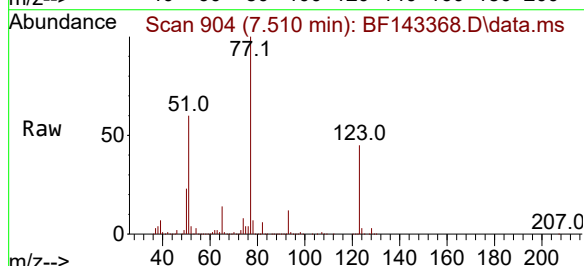
Tgt Ion: 77 Resp: 593508

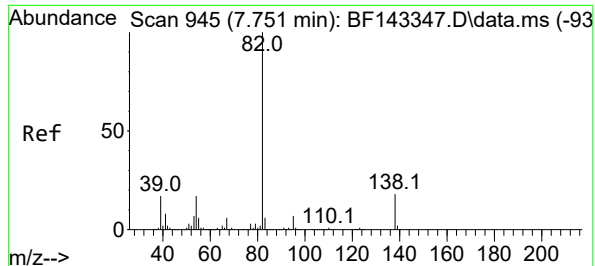
Ion Ratio Lower Upper

77 100

123 45.5 34.8 52.2

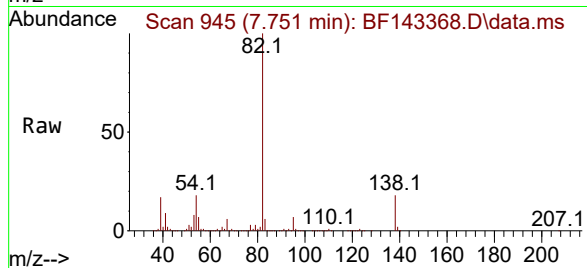
65 14.0 11.0 16.6





#25
Isophorone
Concen: 48.170 ng
RT: 7.751 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

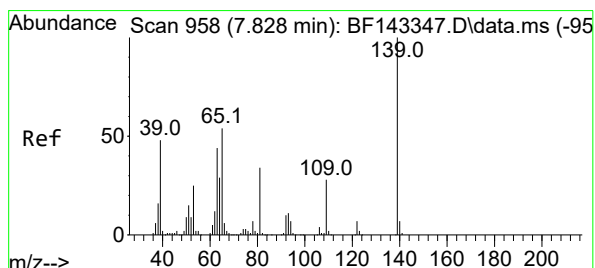
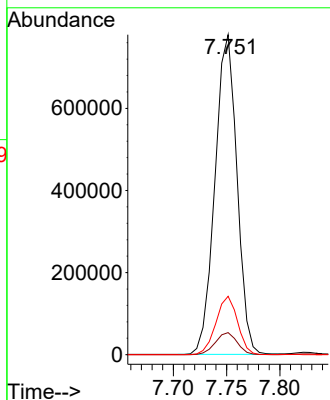
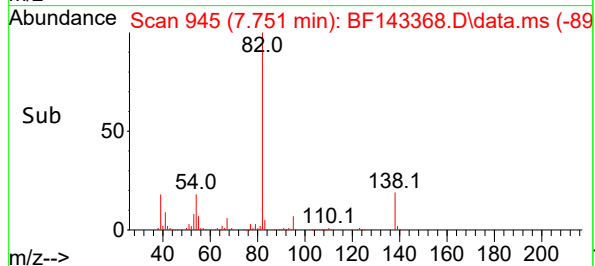
Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMSD



Tgt Ion: 82 Resp: 111744
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 18.3 14.6 21.8

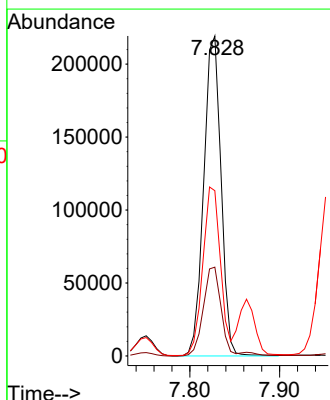
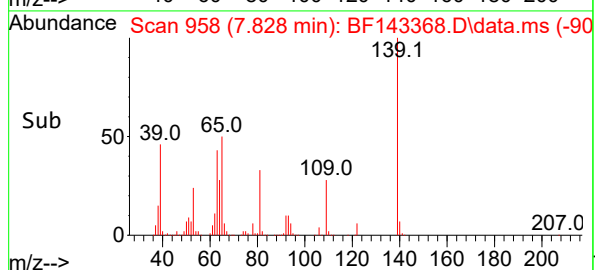
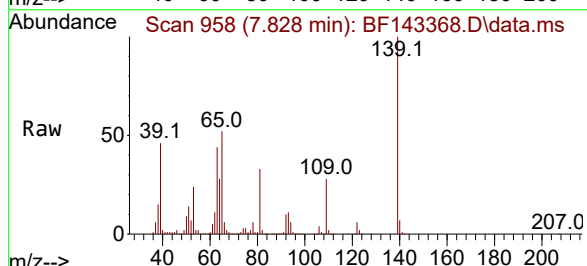
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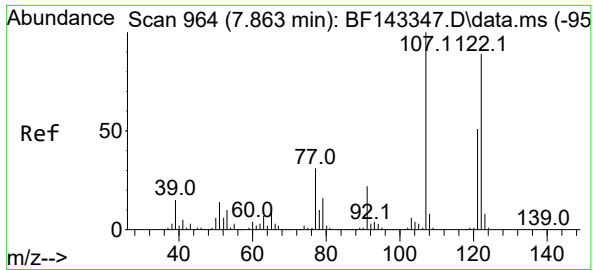
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#26
2-Nitrophenol
Concen: 58.630 ng
RT: 7.828 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:139 Resp: 294278
Ion Ratio Lower Upper
139 100
109 27.7 22.4 33.6
65 51.7 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 52.817 ng

RT: 7.863 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF143368.D

Acq: 13 Aug 2025 11:42

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDEMSD

Tgt Ion:122 Resp: 511164

Ion Ratio Lower Upper

122 100

107 113.6 89.9 134.9

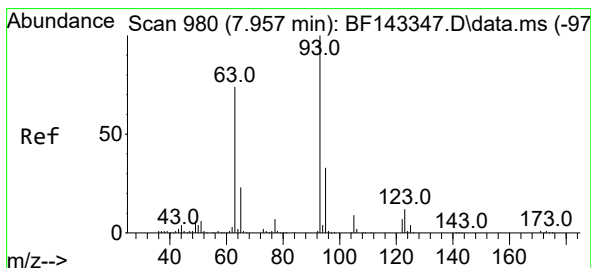
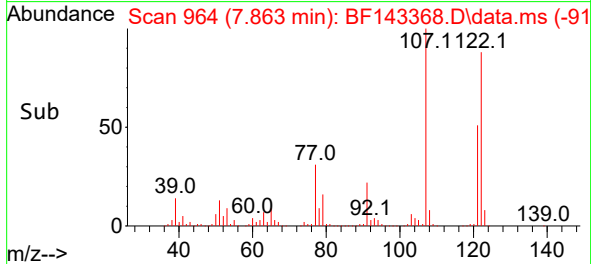
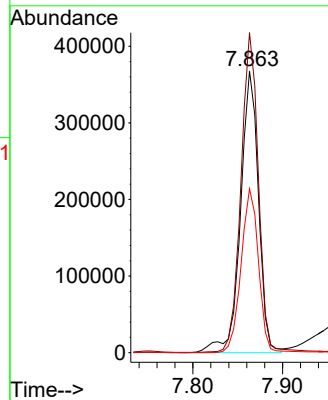
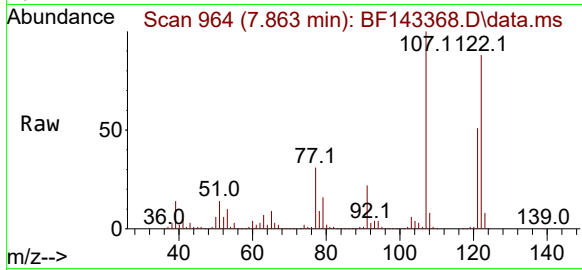
121 58.2 46.2 69.4

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Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#28

bis(2-Chloroethoxy)methane

Concen: 47.729 ng

RT: 7.957 min Scan# 980

Delta R.T. 0.000 min

Lab File: BF143368.D

Acq: 13 Aug 2025 11:42

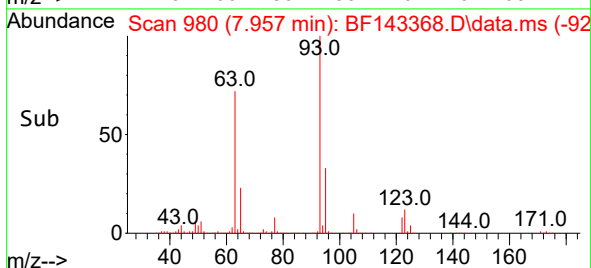
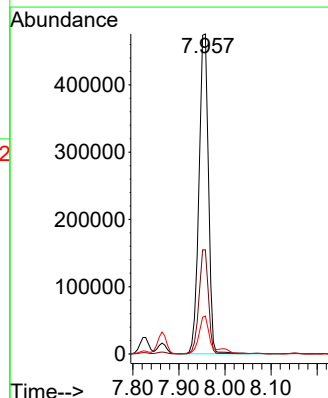
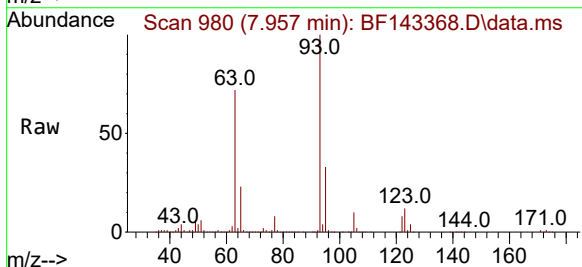
Tgt Ion: 93 Resp: 676006

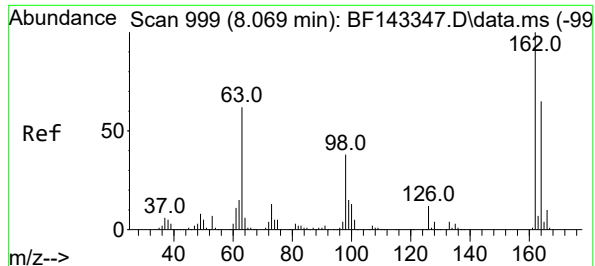
Ion Ratio Lower Upper

93 100

95 32.5 26.2 39.4

123 11.9 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 49.593 ng

RT: 8.069 min Scan# 999

Delta R.T. 0.000 min

Lab File: BF143368.D

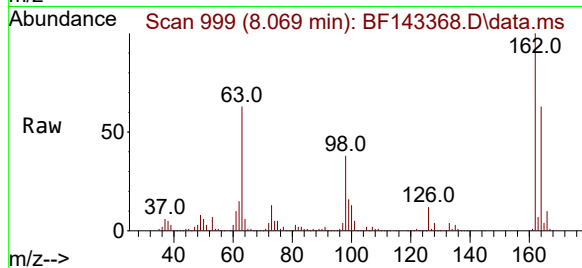
Acq: 13 Aug 2025 11:42

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDEMSD



Tgt Ion:162 Resp: 468780

Ion Ratio Lower Upper

162 100

164 63.2 44.5 84.5

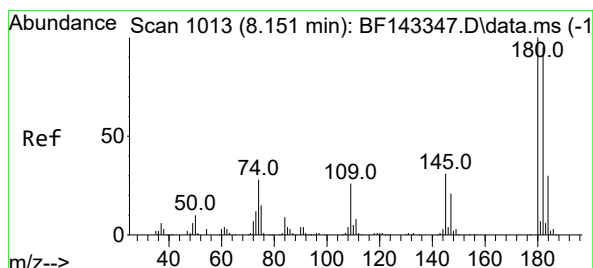
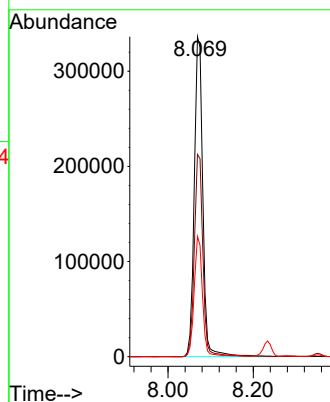
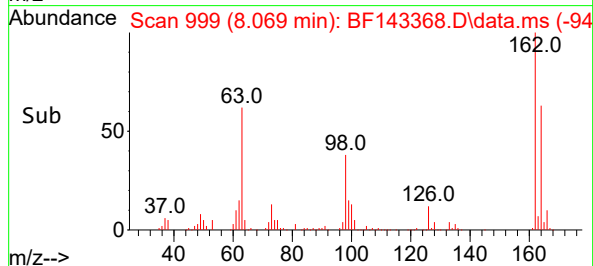
98 37.6 17.7 57.7

Manual Integrations

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Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#30

1,2,4-Trichlorobenzene

Concen: 47.989 ng

RT: 8.151 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BF143368.D

Acq: 13 Aug 2025 11:42

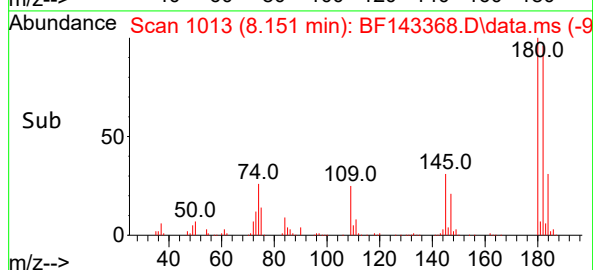
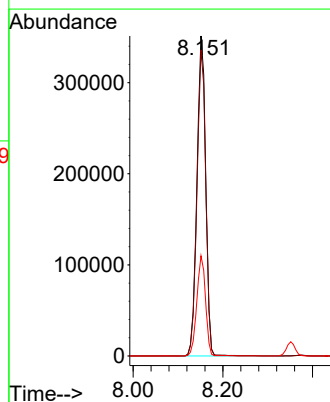
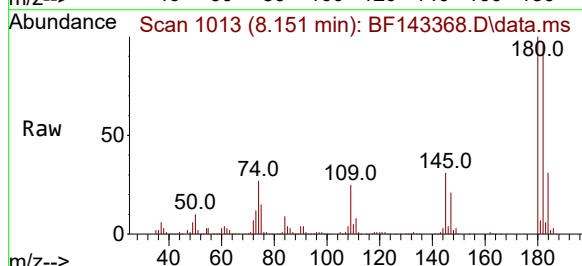
Tgt Ion:180 Resp: 478500

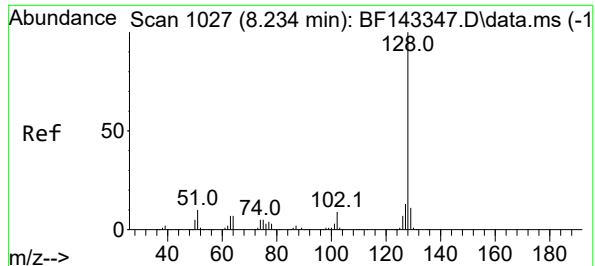
Ion Ratio Lower Upper

180 100

182 95.7 76.1 114.1

145 31.3 24.9 37.3





#31

Naphthalene

Concen: 44.199 ng

RT: 8.234 min Scan# 1027

Delta R.T. 0.000 min

Lab File: BF143368.D

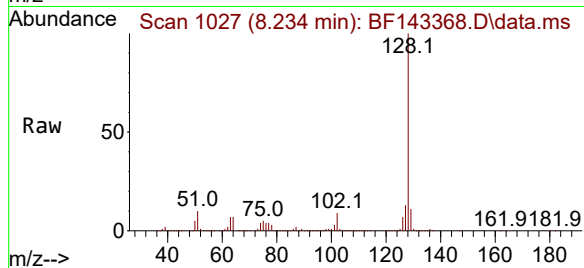
Acq: 13 Aug 2025 11:42

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDEMSD



Tgt Ion:128 Resp: 150500

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.6

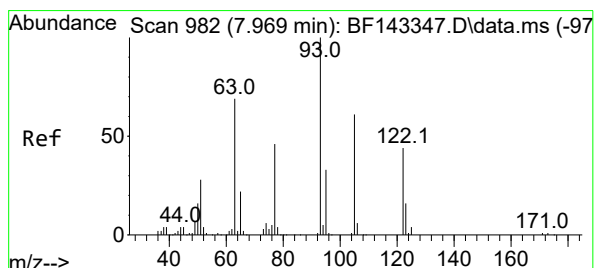
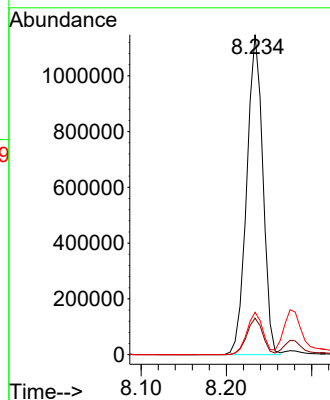
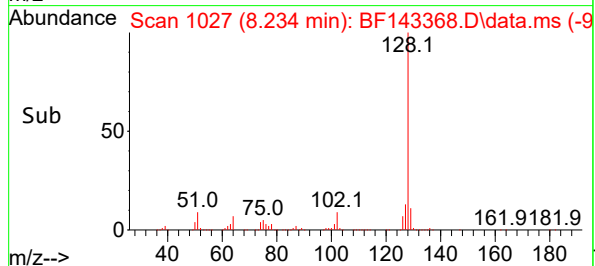
127 13.2 10.7 16.1

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Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#32

Benzoic acid

Concen: 65.585 ng

RT: 7.998 min Scan# 987

Delta R.T. 0.029 min

Lab File: BF143368.D

Acq: 13 Aug 2025 11:42

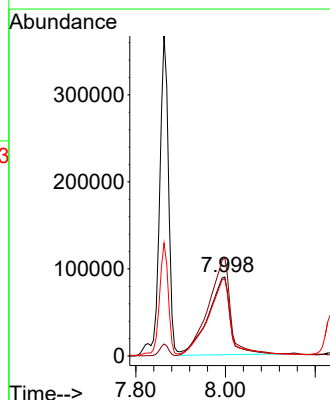
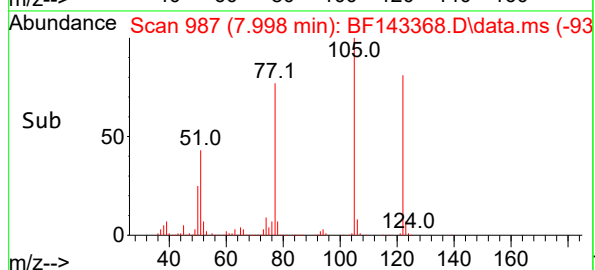
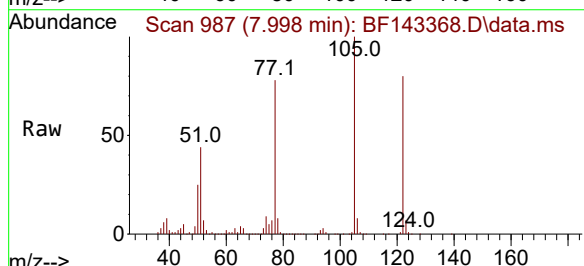
Tgt Ion:122 Resp: 309164

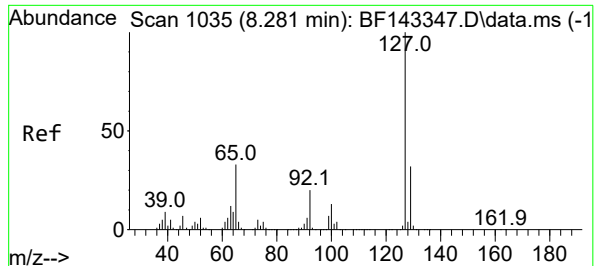
Ion Ratio Lower Upper

122 100

105 124.3 106.4 146.4

77 97.5 79.2 119.2





#33

4-Chloroaniline

Concen: 22.205 ng

RT: 8.275 min Scan# 1034

Delta R.T. -0.006 min

Lab File: BF143368.D

Acq: 13 Aug 2025 11:42

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDEMSD

Tgt Ion:127 Resp: 27271

Ion Ratio Lower Upper

127 100

129 31.9 26.0 39.0

65 34.6 27.0 40.4

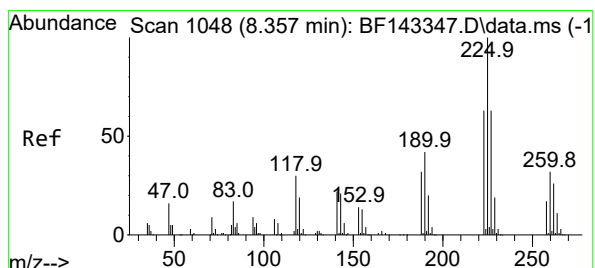
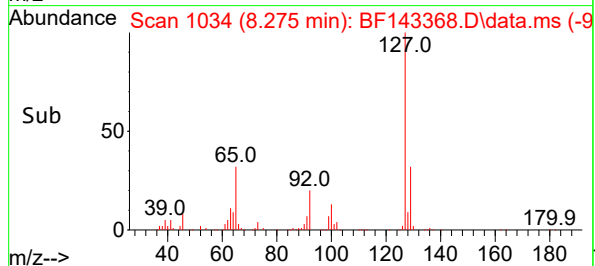
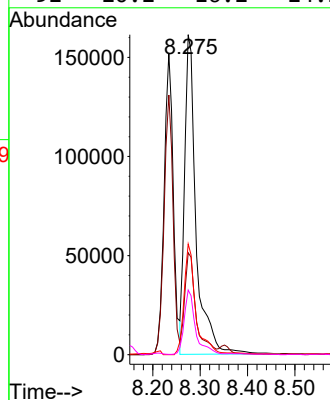
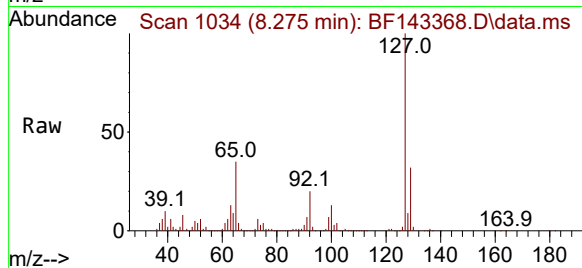
92 20.2 16.2 24.2

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Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#34

Hexachlorobutadiene

Concen: 46.477 ng

RT: 8.351 min Scan# 1047

Delta R.T. -0.006 min

Lab File: BF143368.D

Acq: 13 Aug 2025 11:42

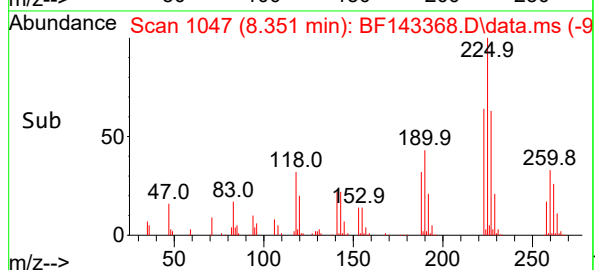
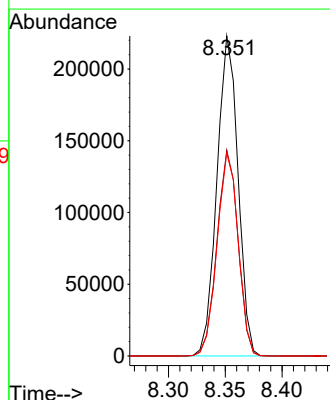
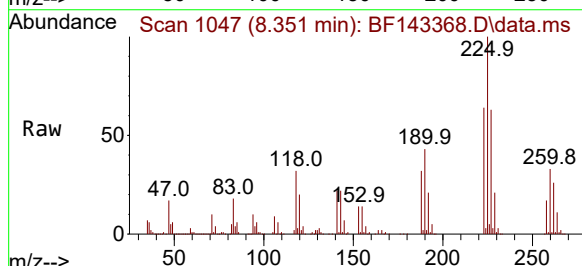
Tgt Ion:225 Resp: 288283

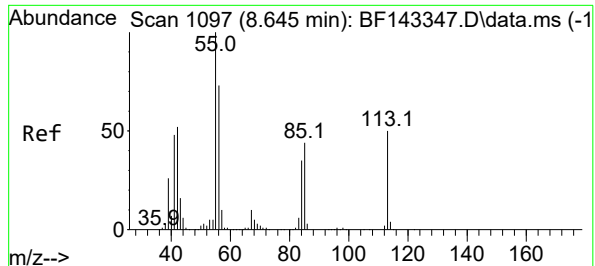
Ion Ratio Lower Upper

225 100

223 64.3 50.1 75.1

227 63.4 50.6 75.8





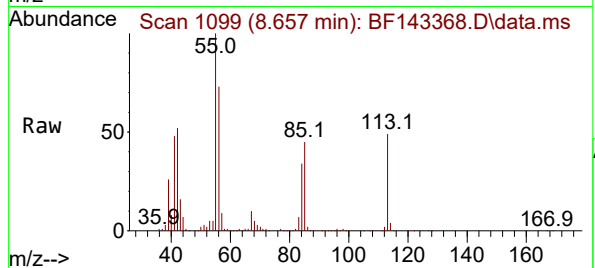
#35
Caprolactam
Concen: 62.166 ng m
RT: 8.657 min Scan# 1099
Delta R.T. 0.012 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDEMSD

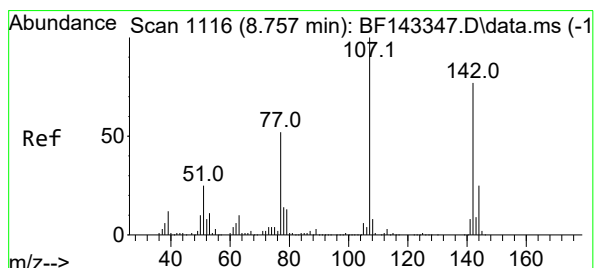
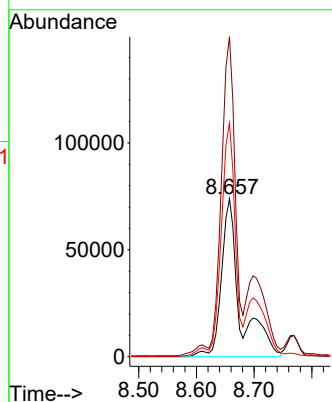
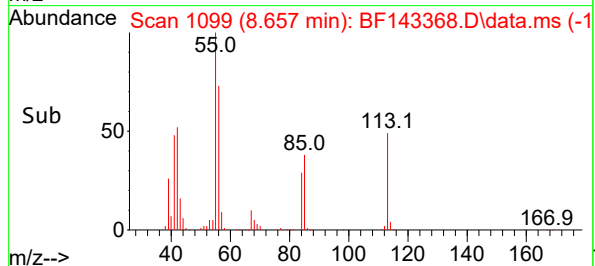


Tgt Ion:113 Resp: 165190
Ion Ratio Lower Upper
113 100
55 202.6 181.4 221.4
56 147.9 127.3 167.3

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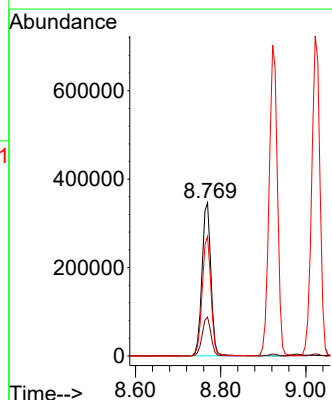
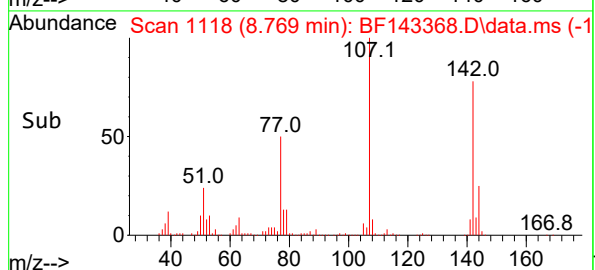
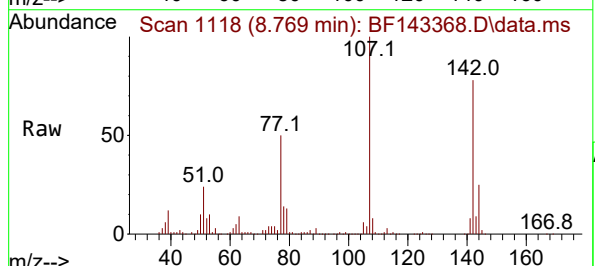
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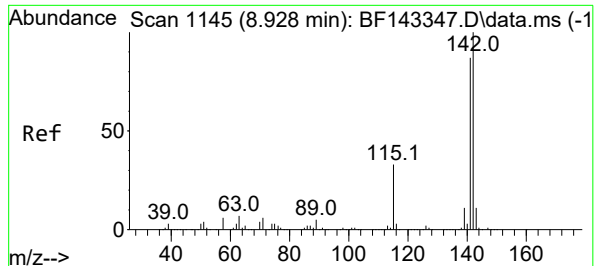
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#36
4-Chloro-3-methylphenol
Concen: 50.708 ng
RT: 8.769 min Scan# 1118
Delta R.T. 0.012 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:107 Resp: 502504
Ion Ratio Lower Upper
107 100
144 25.4 20.0 30.0
142 78.2 61.3 91.9





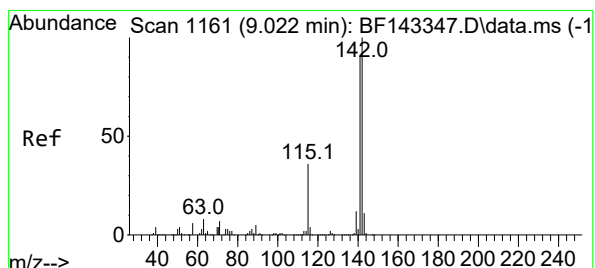
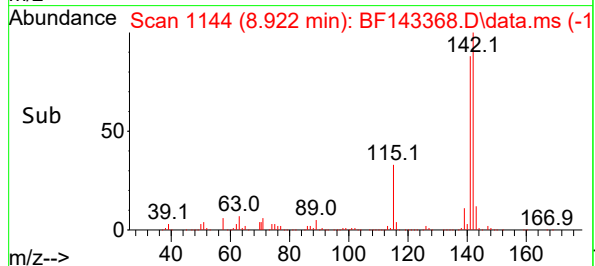
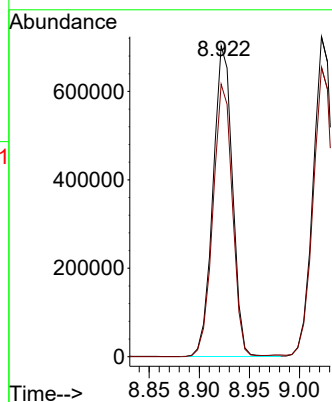
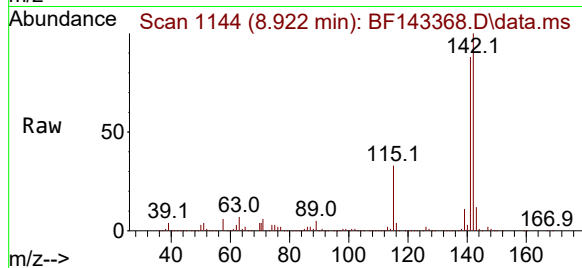
#37
2-Methylnaphthalene
Concen: 42.295 ng
RT: 8.922 min Scan# 1145
Delta R.T. -0.006 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Instrument : BNA_F
ClientSampleId : BIN0009-DRIVEWAY-TP-WESTSIDEMSD

Tgt Ion:142 Resp: 94680
Ion Ratio Lower Upper
142 100
141 87.7 69.8 104.8

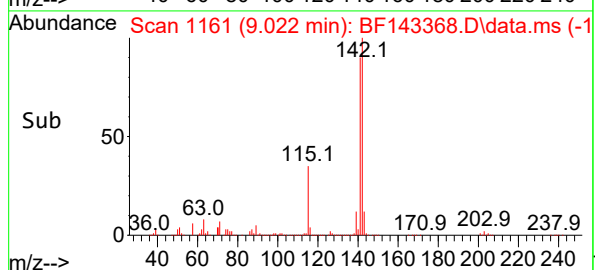
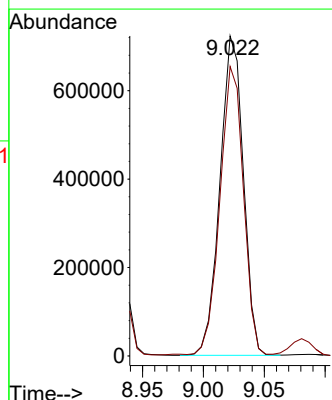
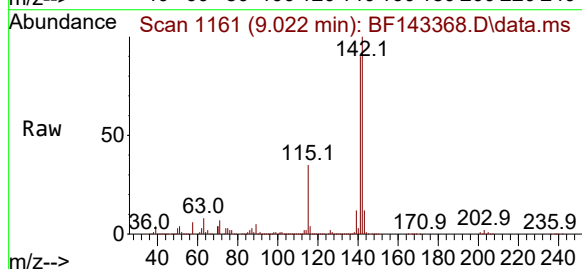
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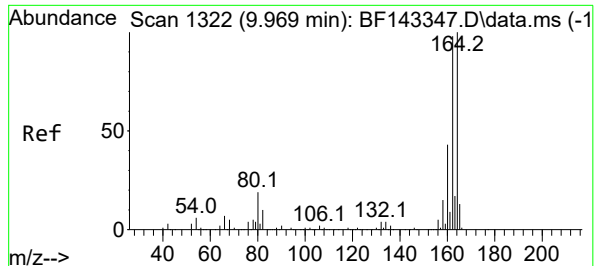
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#38
1-Methylnaphthalene
Concen: 44.811 ng
RT: 9.022 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:142 Resp: 966128
Ion Ratio Lower Upper
142 100
141 90.5 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.969 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF143368.D

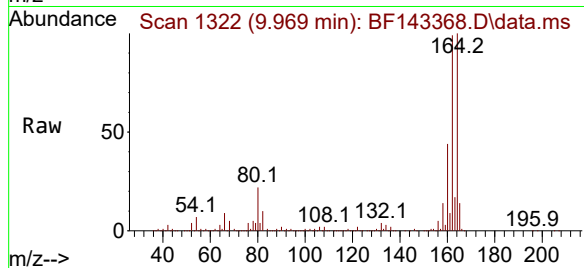
Acq: 13 Aug 2025 11:42

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDEMSD



Tgt Ion:164 Resp: 400799

Ion Ratio Lower Upper

164 100

162 98.8 78.6 118.0

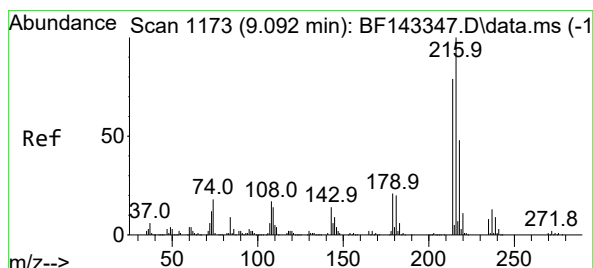
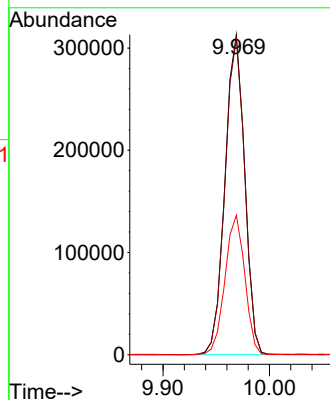
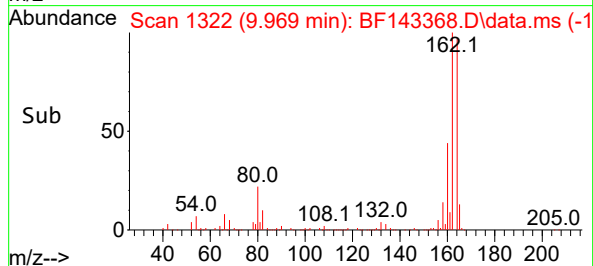
160 43.5 34.4 51.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.801 ng

RT: 9.092 min Scan# 1173

Delta R.T. 0.000 min

Lab File: BF143368.D

Acq: 13 Aug 2025 11:42

Tgt Ion:216 Resp: 480387

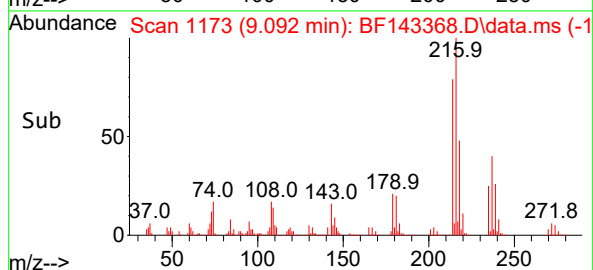
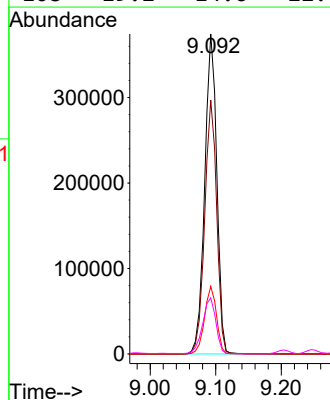
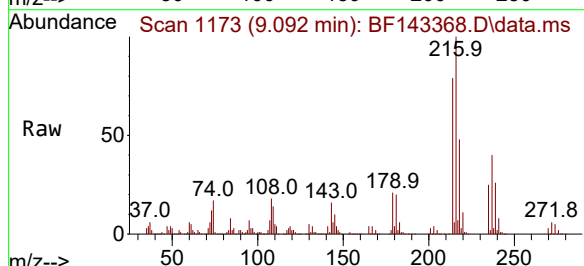
Ion Ratio Lower Upper

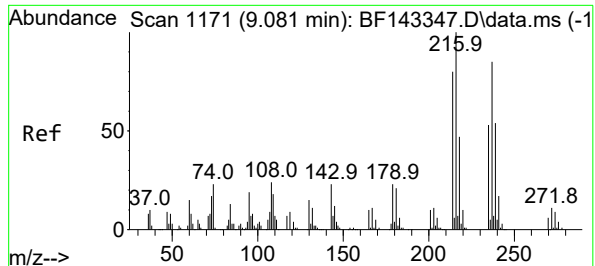
216 100

214 79.0 63.0 94.4

179 20.9 17.0 25.4

108 19.2 14.6 22.0





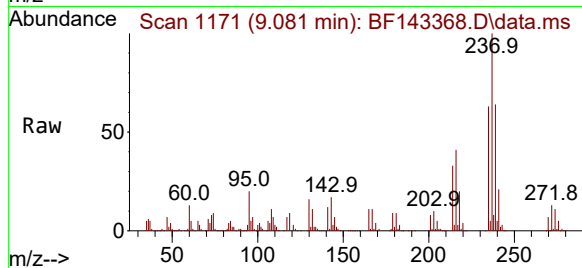
#41
Hexachlorocyclopentadiene
Concen: 108.143 ng
RT: 9.081 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDEMSD

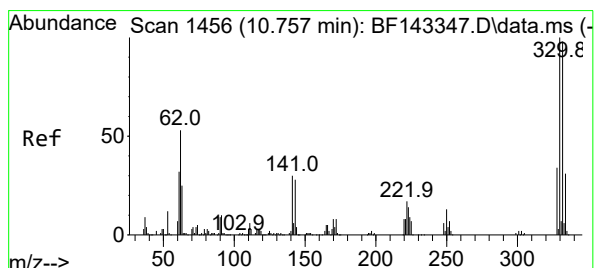
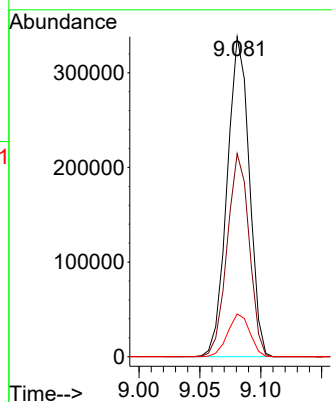
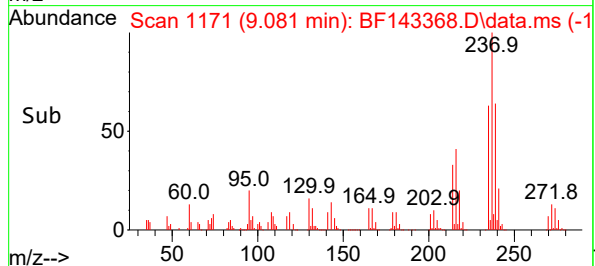


Tgt Ion:237 Resp: 428209
Ion Ratio Lower Upper
237 100
235 63.5 42.0 82.0
272 13.3 0.0 32.6

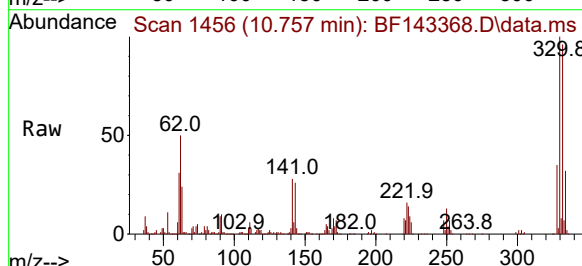
Manual Integrations

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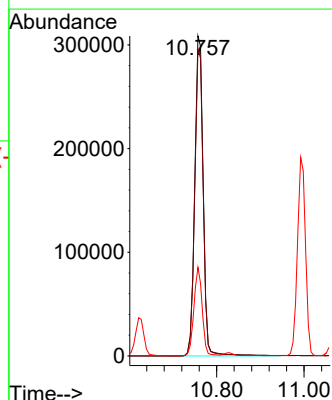
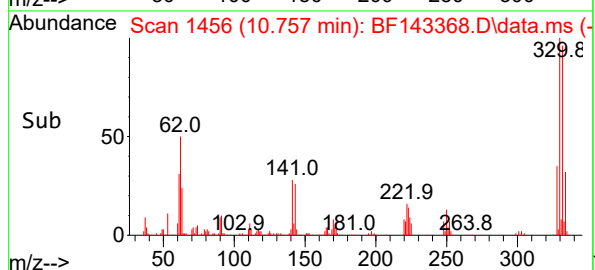
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

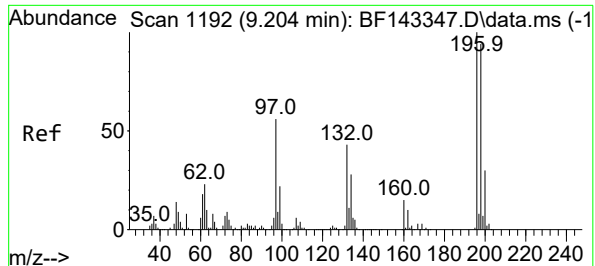


#42
2,4,6-Tribromophenol
Concen: 142.146 ng
RT: 10.757 min Scan# 1456
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42



Tgt Ion:330 Resp: 416362
Ion Ratio Lower Upper
330 100
332 96.0 78.1 117.1
141 26.9 25.4 38.0





#43

2,4,6-Trichlorophenol

Concen: 52.788 ng

RT: 9.204 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF143368.D

Acq: 13 Aug 2025 11:42

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDEMSD

Tgt Ion:196 Resp: 32849

Ion Ratio Lower Upper

196 100

198 95.2 75.4 113.0

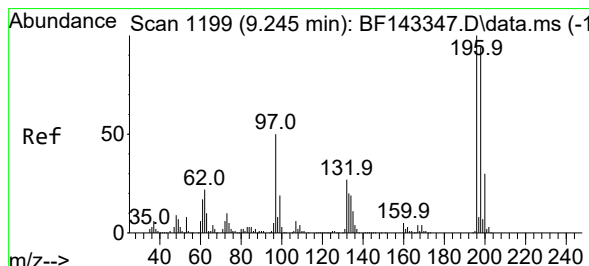
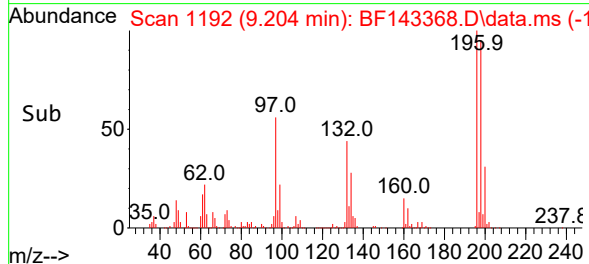
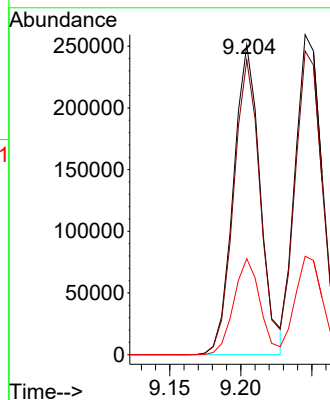
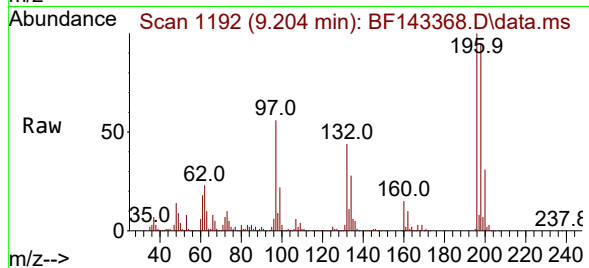
200 31.0 24.3 36.5

Manual Integrations

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Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#44

2,4,5-Trichlorophenol

Concen: 50.056 ng

RT: 9.245 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF143368.D

Acq: 13 Aug 2025 11:42

Tgt Ion:196 Resp: 351758

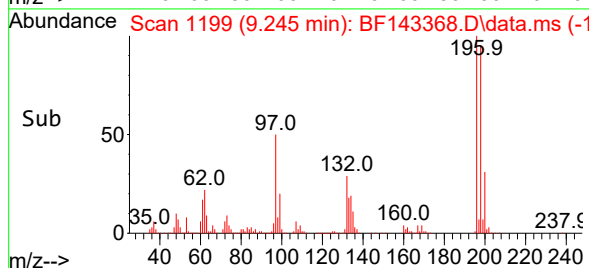
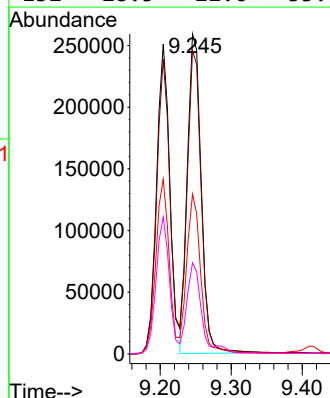
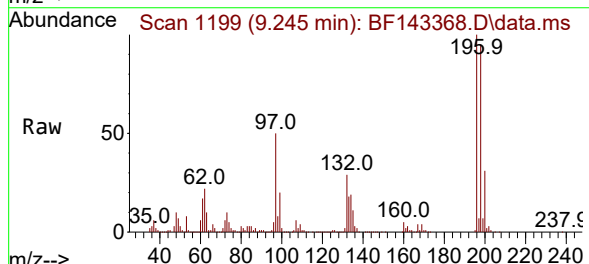
Ion Ratio Lower Upper

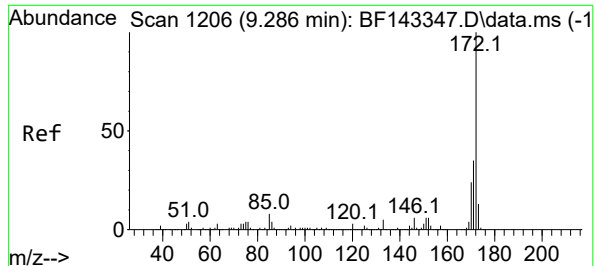
196 100

198 94.9 75.4 113.2

97 49.9 39.9 59.9

132 28.5 22.6 33.8





#45

2-Fluorobiphenyl

Concen: 65.860 ng

RT: 9.287 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF143368.D

Acq: 13 Aug 2025 11:42

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDEMSD

Tgt Ion:172 Resp: 155663

Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

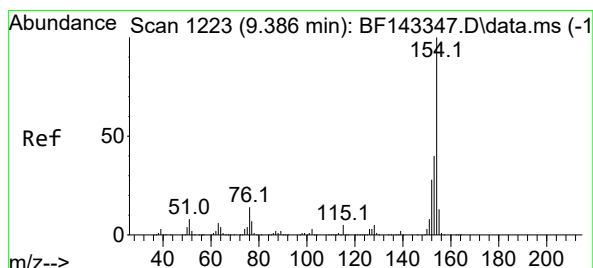
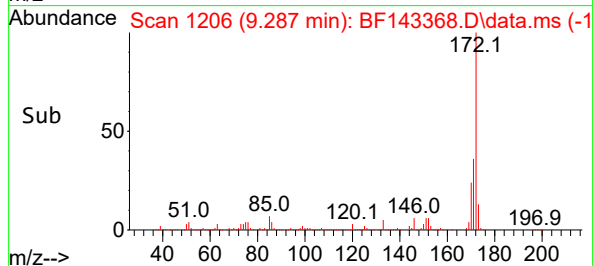
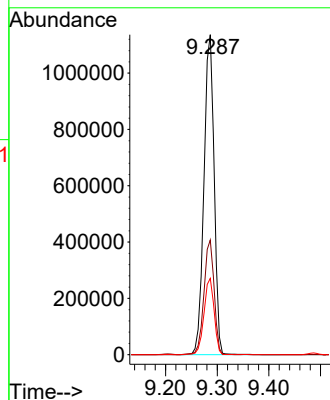
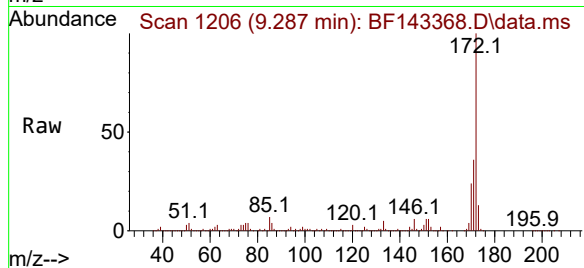
170 23.9 19.1 28.7

Manual Integrations

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Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#46

1,1'-Biphenyl

Concen: 44.834 ng

RT: 9.386 min Scan# 1223

Delta R.T. 0.000 min

Lab File: BF143368.D

Acq: 13 Aug 2025 11:42

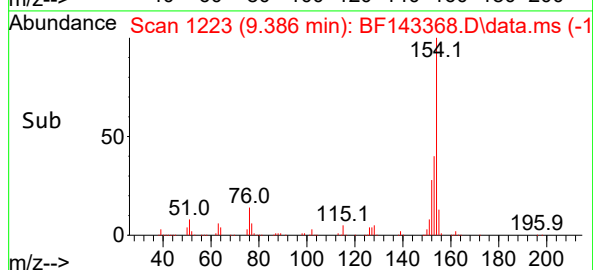
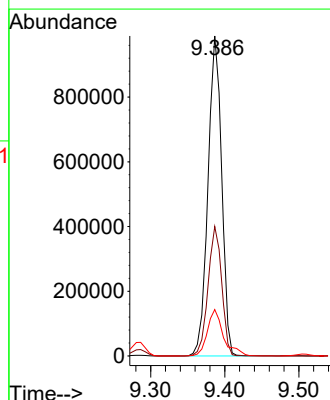
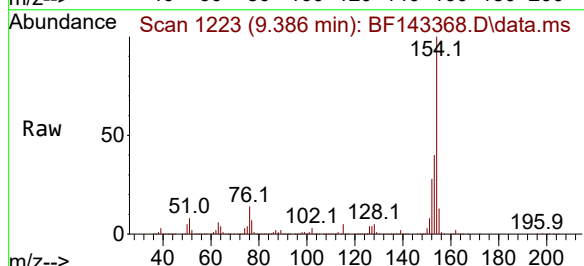
Tgt Ion:154 Resp: 1270549

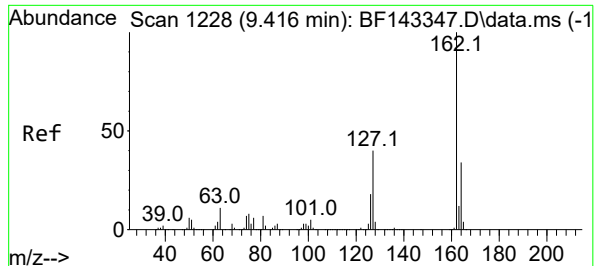
Ion Ratio Lower Upper

154 100

153 40.5 20.2 60.2

76 14.5 0.0 34.4





#47

2-Chloronaphthalene

Concen: 43.906 ng

RT: 9.416 min Scan# 1228

Delta R.T. 0.000 min

Lab File: BF143368.D

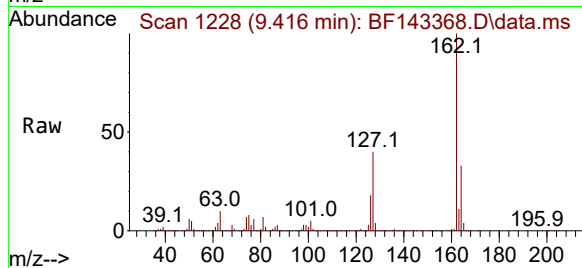
Acq: 13 Aug 2025 11:42

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDEMSD



Tgt Ion:162 Resp: 979937

Ion Ratio Lower Upper

162 100

127 39.5 32.1 48.1

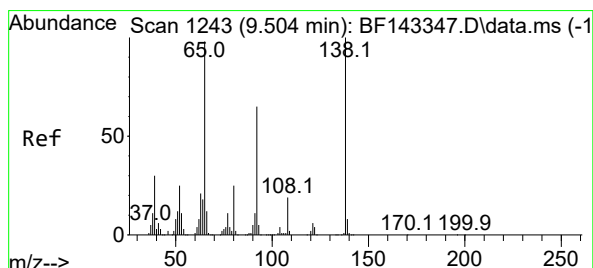
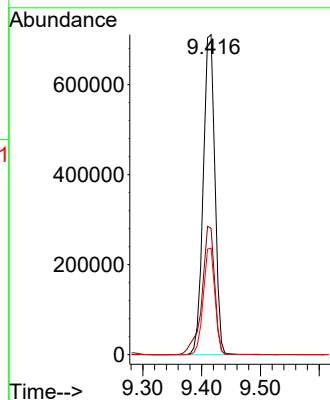
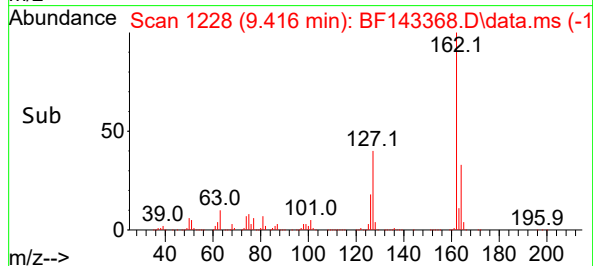
164 33.3 27.0 40.4

Manual Integrations

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Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#48

2-Nitroaniline

Concen: 52.679 ng

RT: 9.504 min Scan# 1243

Delta R.T. 0.000 min

Lab File: BF143368.D

Acq: 13 Aug 2025 11:42

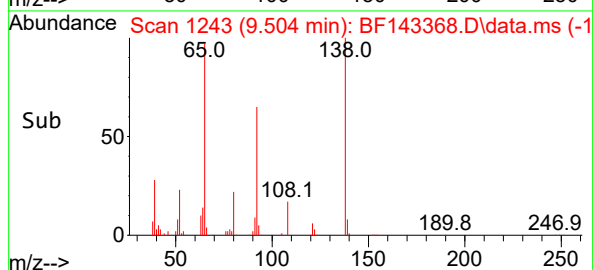
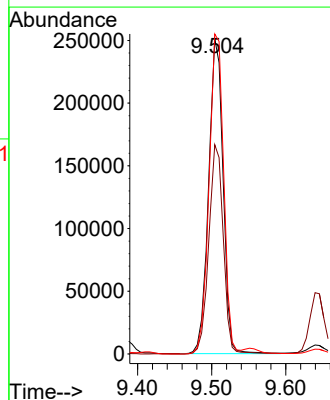
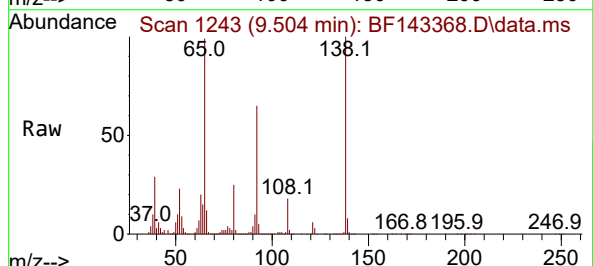
Tgt Ion: 65 Resp: 340937

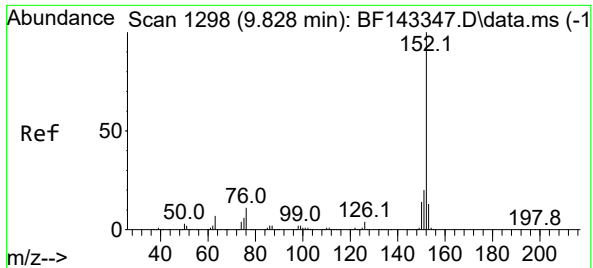
Ion Ratio Lower Upper

65 100

92 66.4 53.1 79.7

138 101.5 81.4 122.0





#49

Acenaphthylene

Concen: 49.067 ng

RT: 9.828 min Scan# 1298

Delta R.T. 0.000 min

Lab File: BF143368.D

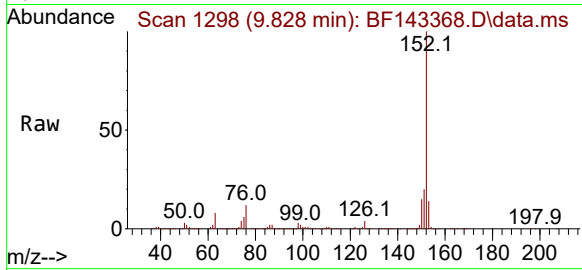
Acq: 13 Aug 2025 11:42

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDEMSD



Tgt Ion:152 Resp: 158148

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.2

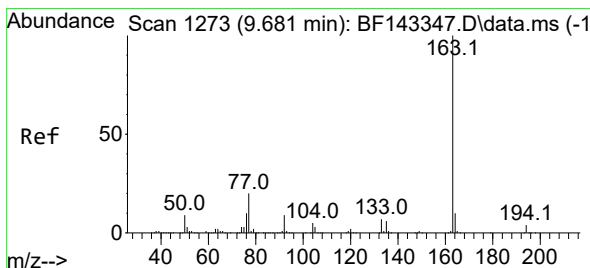
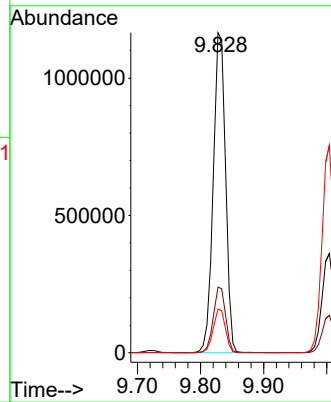
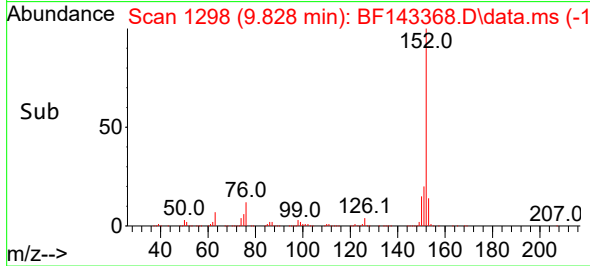
153 13.7 10.6 16.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#50

Dimethylphthalate

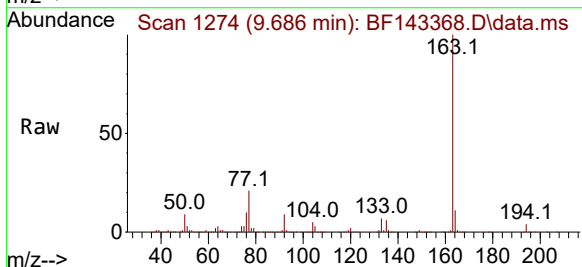
Concen: 51.866 ng

RT: 9.686 min Scan# 1274

Delta R.T. 0.006 min

Lab File: BF143368.D

Acq: 13 Aug 2025 11:42



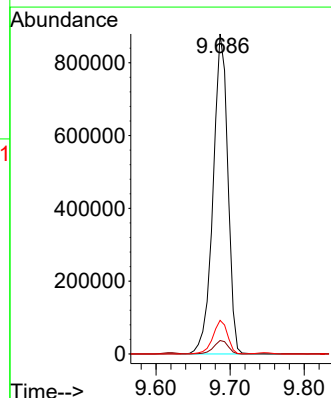
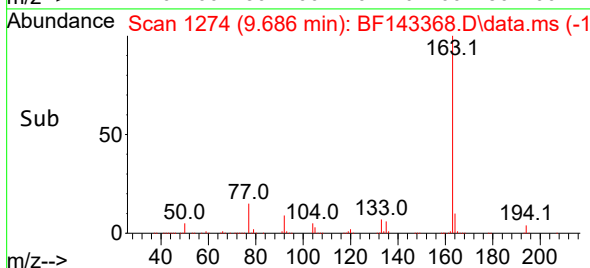
Tgt Ion:163 Resp: 1214679

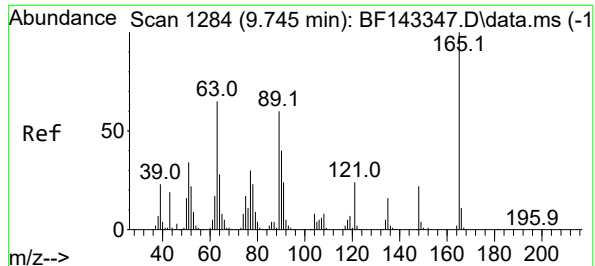
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.5 8.2 12.2





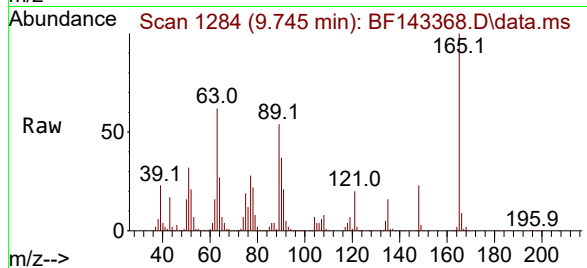
#51
2,6-Dinitrotoluene
Concen: 59.883 ng
RT: 9.745 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDEMSD

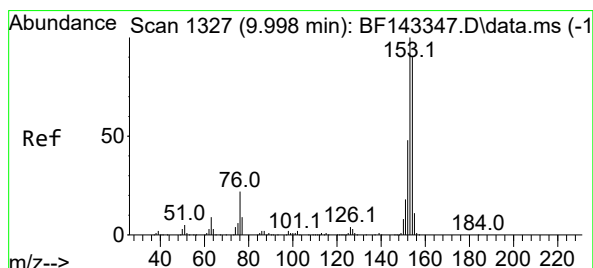
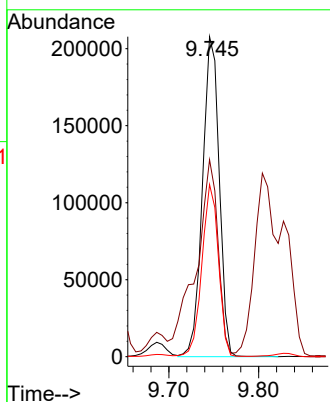
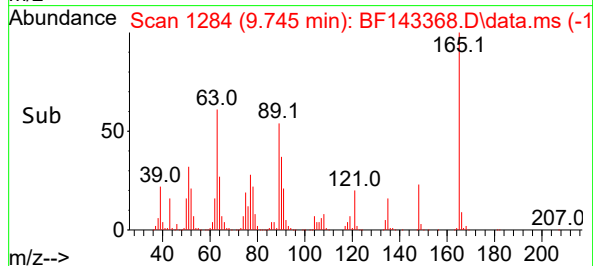


Tgt Ion:165 Resp: 26884
Ion Ratio Lower Upper
165 100
63 61.5 51.6 77.4
89 53.8 47.7 71.5

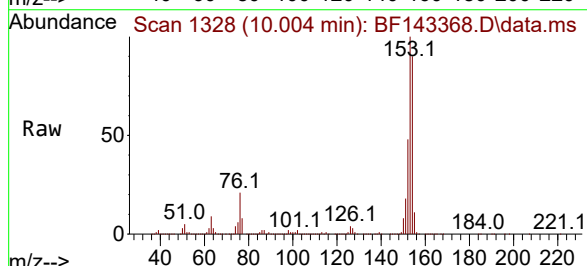
Manual Integrations

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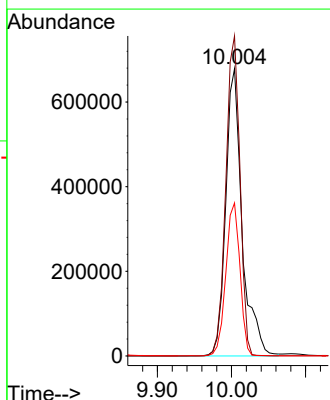
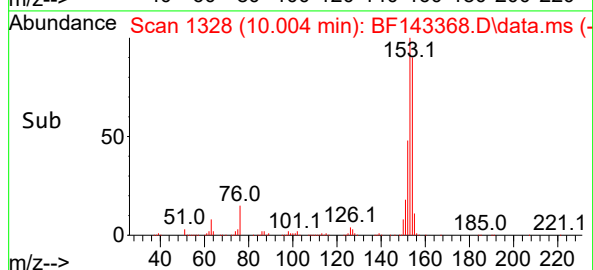
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

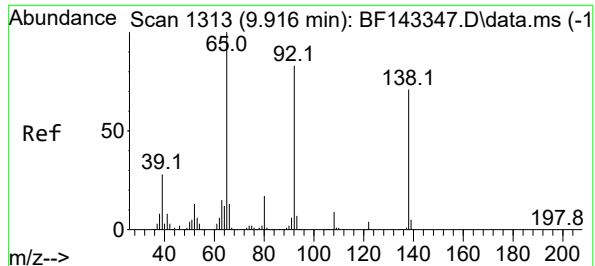


#52
Acenaphthene
Concen: 48.688 ng
RT: 10.004 min Scan# 1328
Delta R.T. 0.006 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42



Tgt Ion:154 Resp: 1043271
Ion Ratio Lower Upper
154 100
153 111.4 88.5 132.7
152 53.2 42.4 63.6





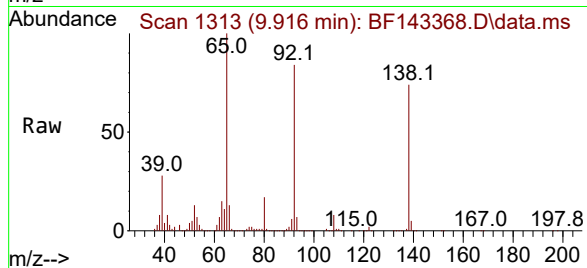
#53
3-Nitroaniline
Concen: 40.131 ng
RT: 9.916 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDEMSD

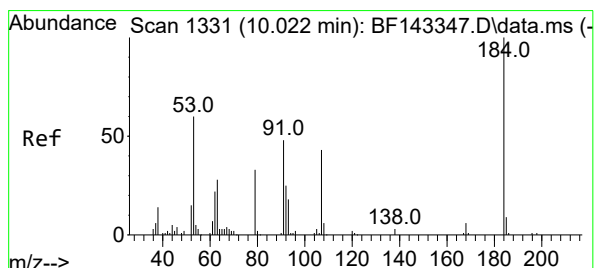
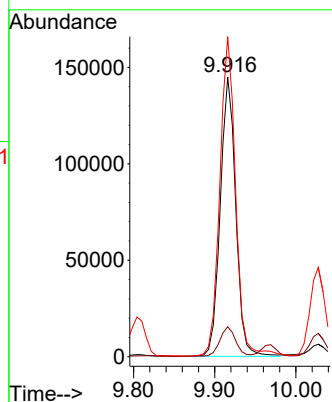
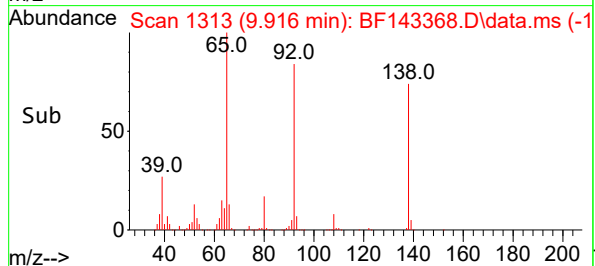


Tgt Ion:138 Resp: 19247
Ion Ratio Lower Upper
138 100
108 10.7 9.6 14.4
92 114.4 93.4 140.2

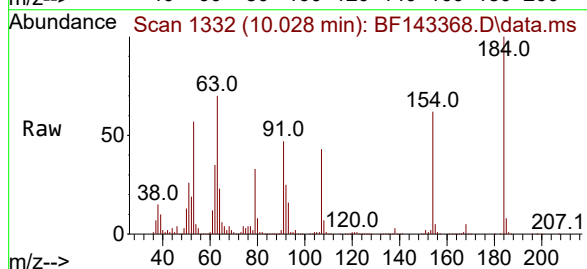
Manual Integrations

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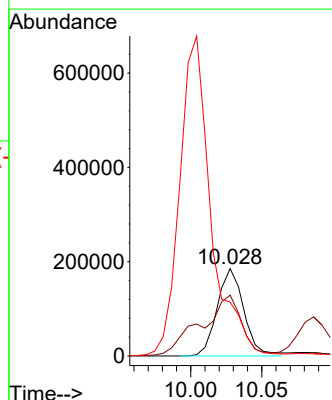
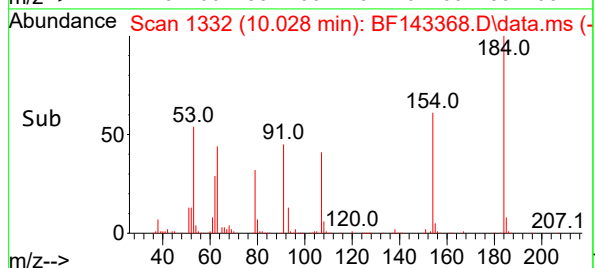
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

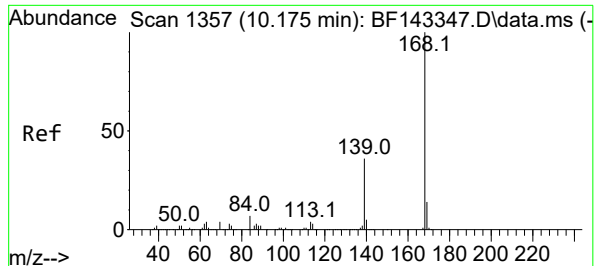


#54
2,4-Dinitrophenol
Concen: 108.851 ng
RT: 10.028 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42



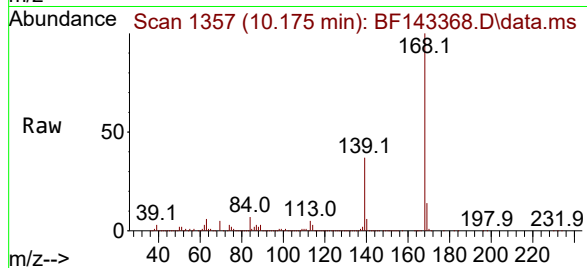
Tgt Ion:184 Resp: 241742
Ion Ratio Lower Upper
184 100
63 69.7 62.5 93.7
154 61.6 73.0 109.4#





#55
Dibenzenofuran
Concen: 45.461 ng
RT: 10.175 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

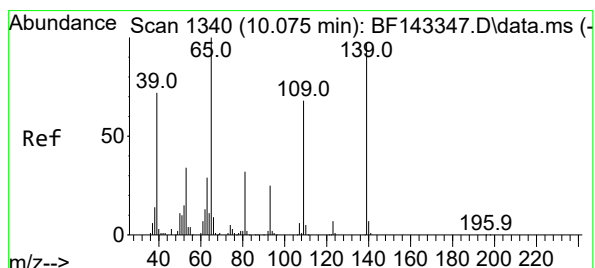
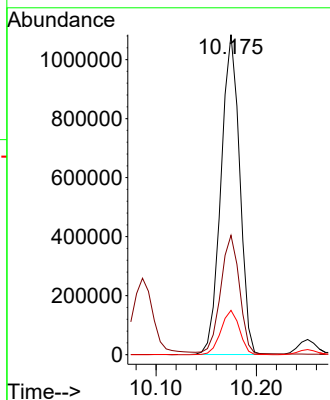
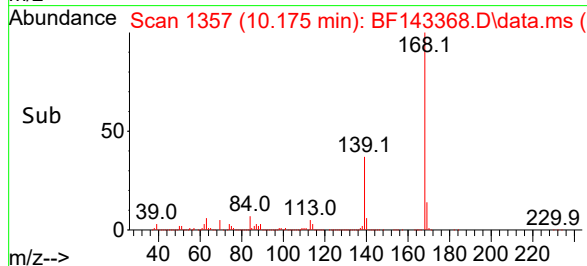
Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMSD



Tgt Ion:168 Resp: 1401970
Ion Ratio Lower Upper
168 100
139 37.3 29.4 44.0
169 13.8 11.0 16.6

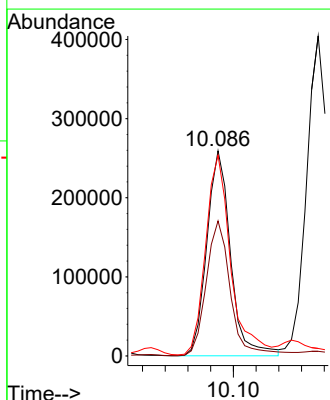
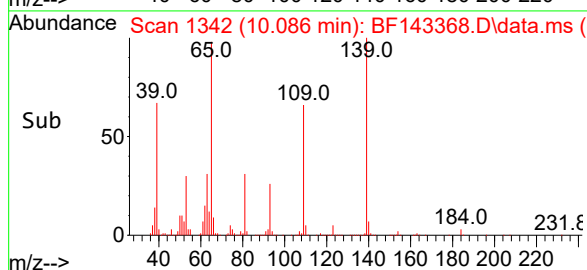
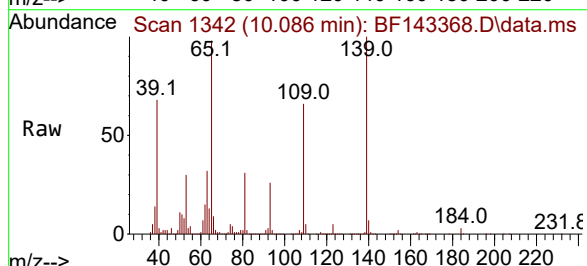
Manual Integrations
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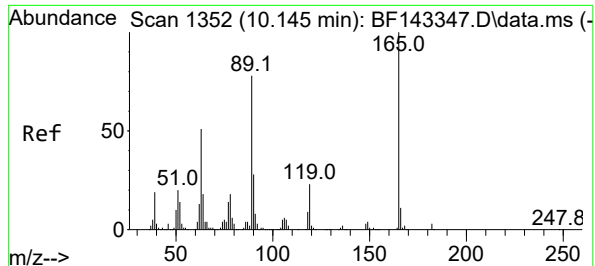
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#56
4-Nitrophenol
Concen: 97.115 ng
RT: 10.086 min Scan# 1342
Delta R.T. 0.011 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:139 Resp: 377068
Ion Ratio Lower Upper
139 100
109 65.9 49.4 89.4
65 97.8 83.7 123.7





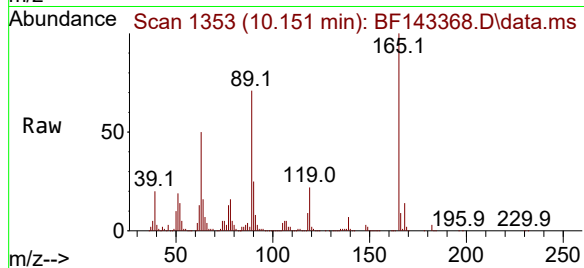
#57
2,4-Dinitrotoluene
Concen: 61.658 ng
RT: 10.151 min Scan# 1353
Delta R.T. 0.006 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDEMSD

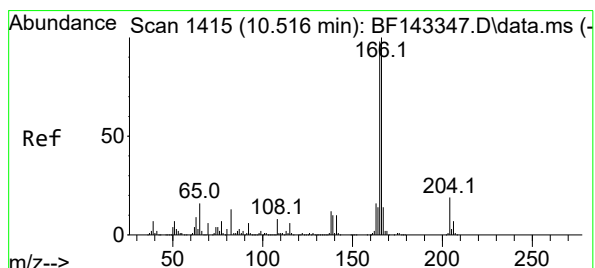
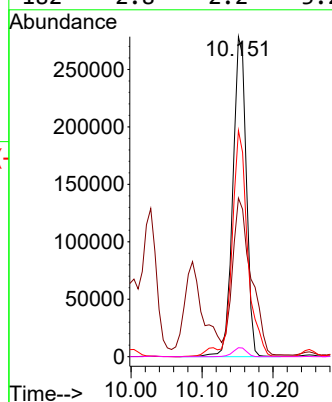
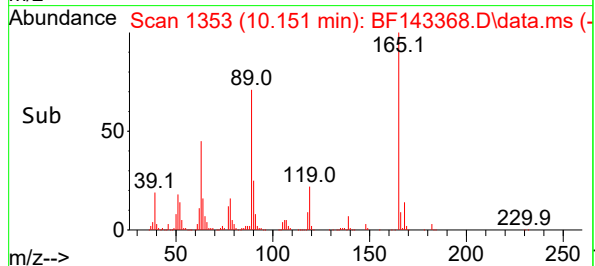


Tgt Ion:165 Resp: 367974
Ion Ratio Lower Upper
165 100
63 49.5 41.8 62.8
89 70.7 62.4 93.6
182 2.8 2.2 3.2

Manual Integrations

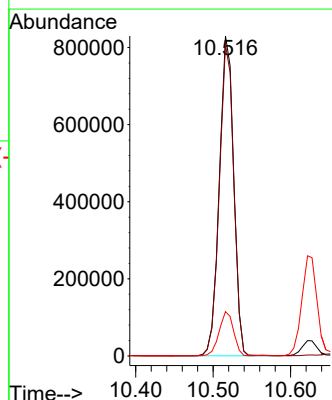
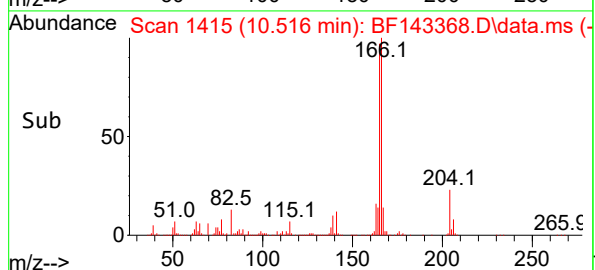
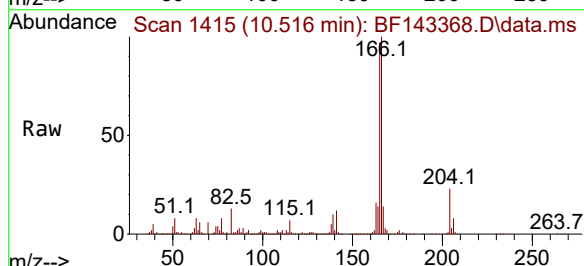
APPROVED

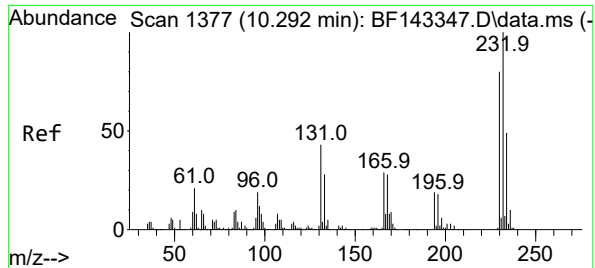
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#58
Fluorene
Concen: 45.419 ng
RT: 10.516 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:166 Resp: 1069858
Ion Ratio Lower Upper
166 100
165 97.3 78.2 117.4
167 13.9 10.9 16.3





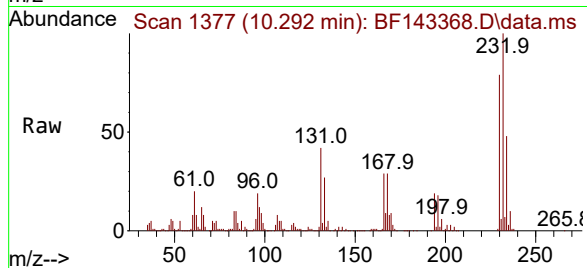
#59
2,3,4,6-Tetrachlorophenol
Concen: 63.954 ng
RT: 10.292 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDEMSD



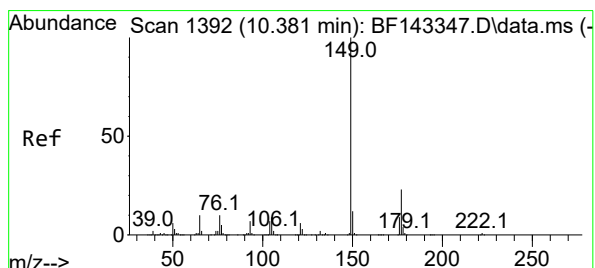
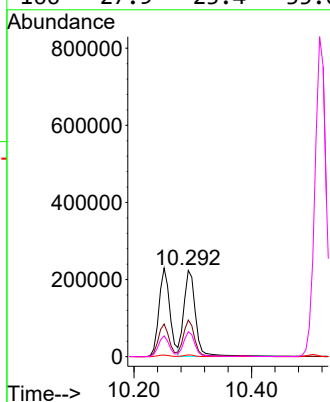
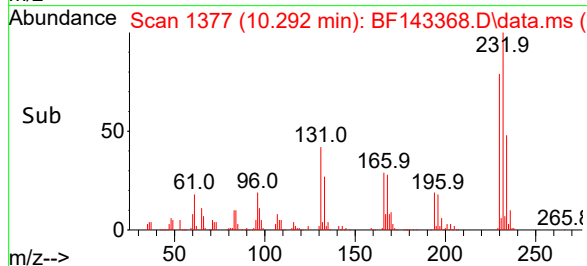
Tgt Ion:232 Resp: 30295
Ion Ratio Lower Upper
232 100
131 42.6 34.6 51.8
130 1.9 1.7 2.5
166 27.9 23.4 35.0

Manual Integrations

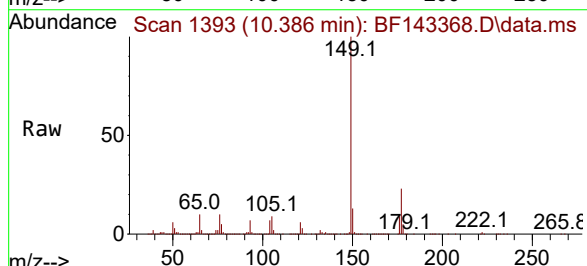
APPROVED

Reviewed By :Rahul Chavli 08/14/2025

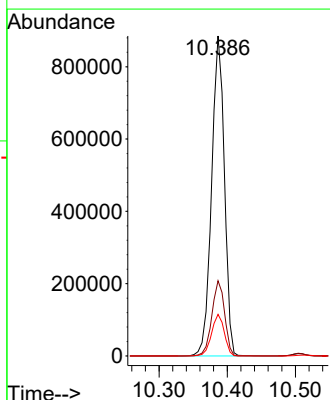
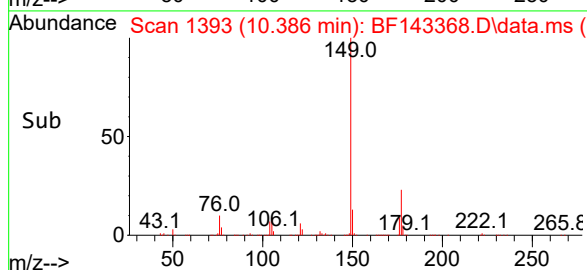
Supervised By :Jagrut Upadhyay 08/15/2025

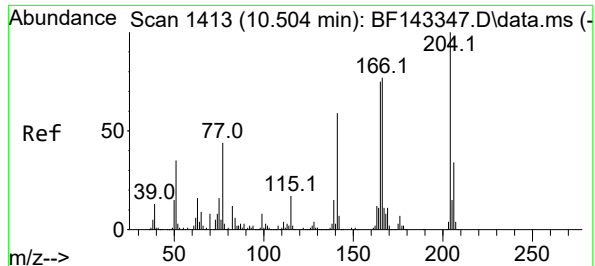


#60
Diethylphthalate
Concen: 55.082 ng
RT: 10.386 min Scan# 1393
Delta R.T. 0.006 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42



Tgt Ion:149 Resp: 1155461
Ion Ratio Lower Upper
149 100
177 23.5 18.2 27.2
150 13.0 9.9 14.9





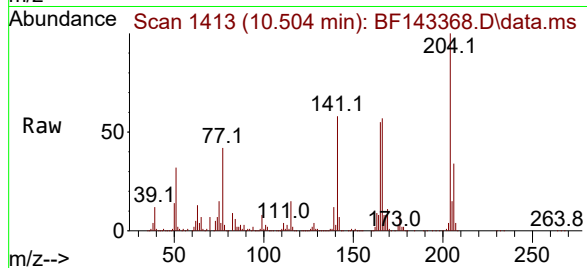
#61
4-Chlorophenyl-phenylether
Concen: 47.882 ng
RT: 10.504 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDEMSD

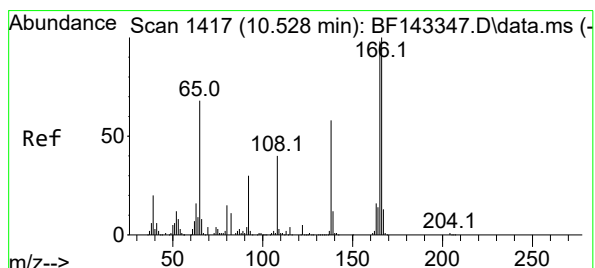
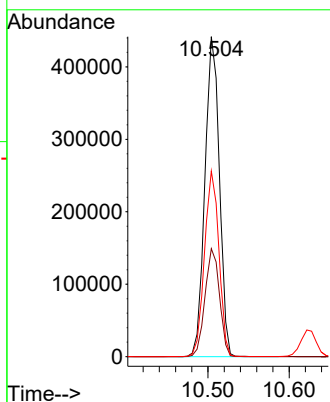
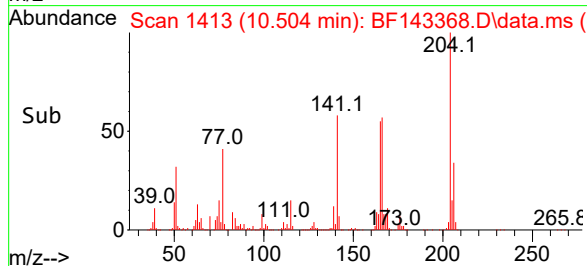


Tgt Ion:204 Resp: 544980
Ion Ratio Lower Upper
204 100
206 33.8 27.4 41.2
141 58.0 46.9 70.3

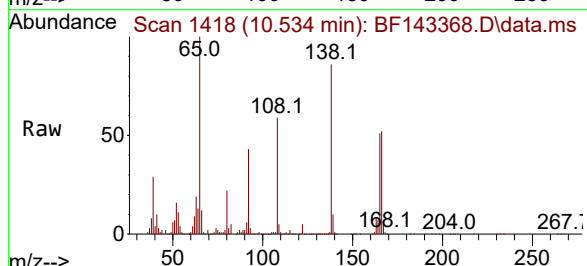
Manual Integrations

APPROVED

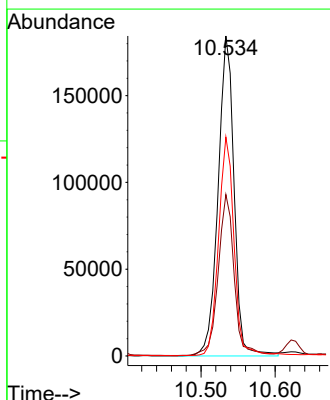
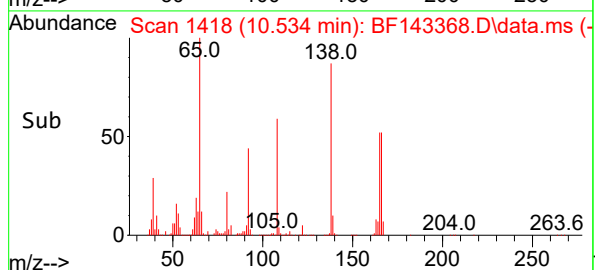
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

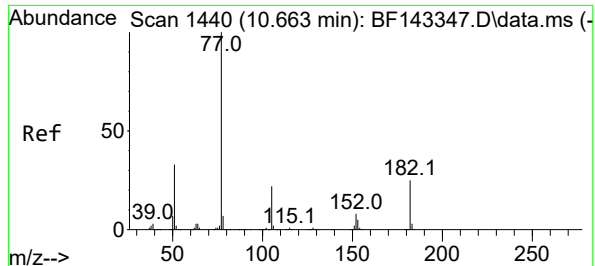


#62
4-Nitroaniline
Concen: 59.587 ng
RT: 10.534 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42



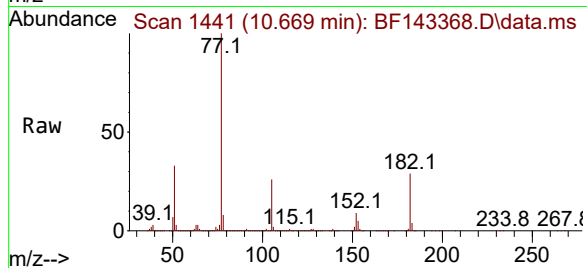
Tgt Ion:138 Resp: 276498
Ion Ratio Lower Upper
138 100
92 50.5 31.2 71.2
108 68.4 48.1 88.1





#63
Azobenzene
Concen: 51.569 ng
RT: 10.669 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

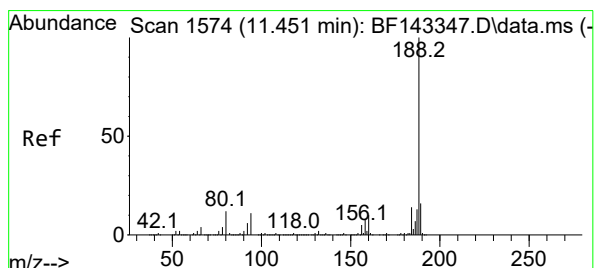
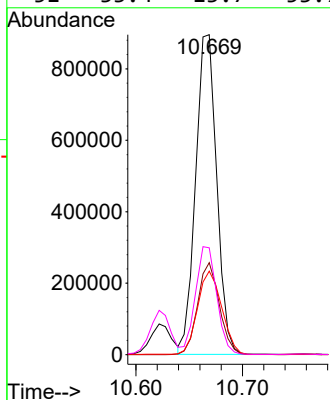
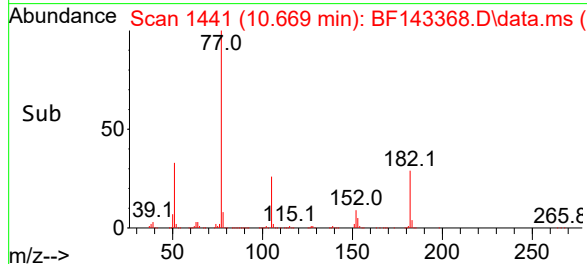
Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMSD



Tgt Ion: 77 Resp: 123560
Ion Ratio Lower Upper
77 100
182 28.8 4.4 44.4
105 26.1 1.8 41.8
51 33.4 13.7 53.7

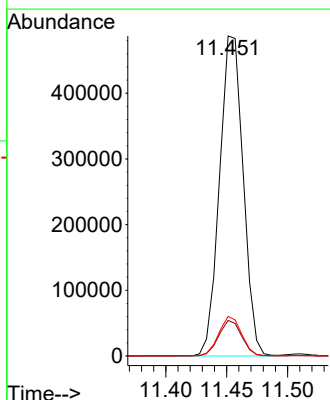
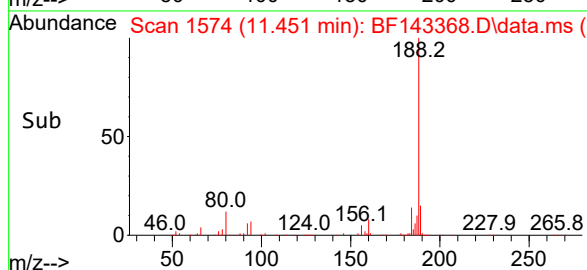
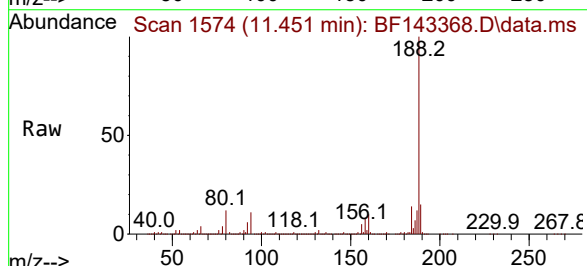
Manual Integrations
APPROVED

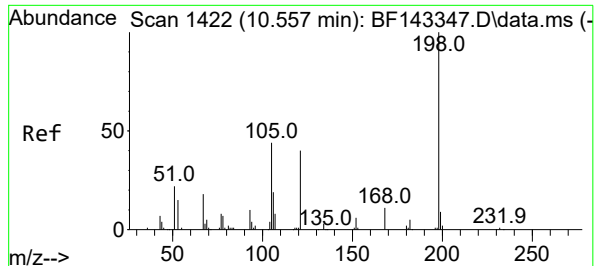
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:188 Resp: 660496
Ion Ratio Lower Upper
188 100
94 11.1 8.8 13.2
80 12.4 9.7 14.5





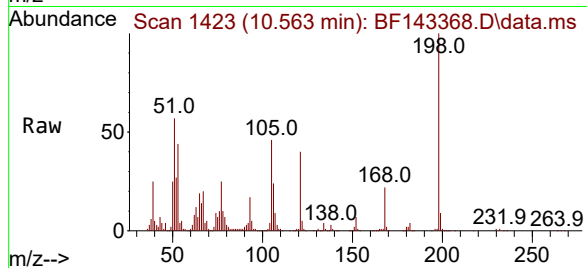
#65
4,6-Dinitro-2-methylphenol
Concen: 66.409 ng
RT: 10.563 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDEMSD

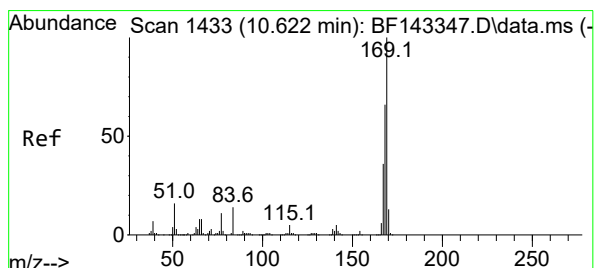
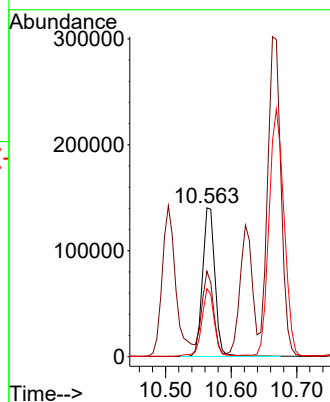
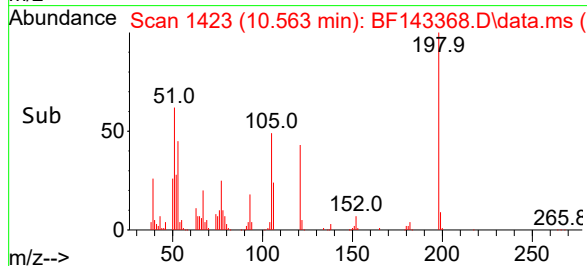


Tgt Ion:198 Resp: 186228
Ion Ratio Lower Upper
198 100
51 57.4 41.7 81.7
105 45.7 26.8 66.8

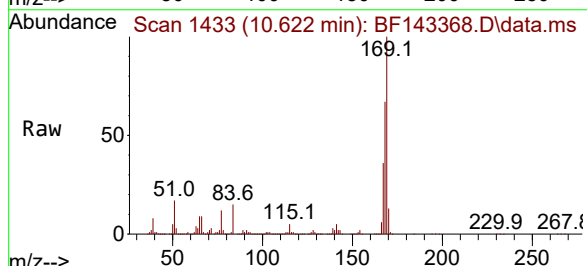
Manual Integrations

APPROVED

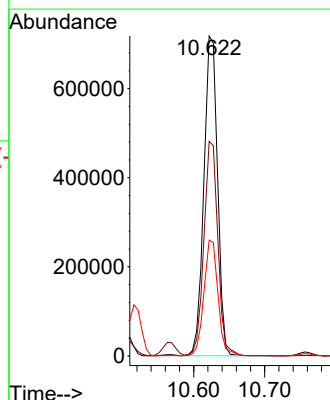
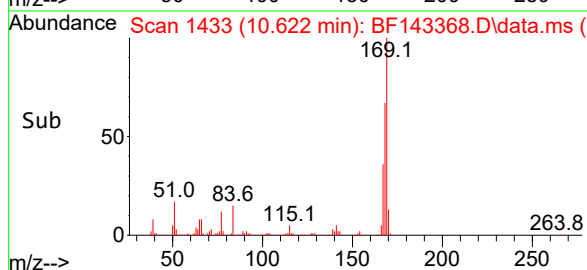
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

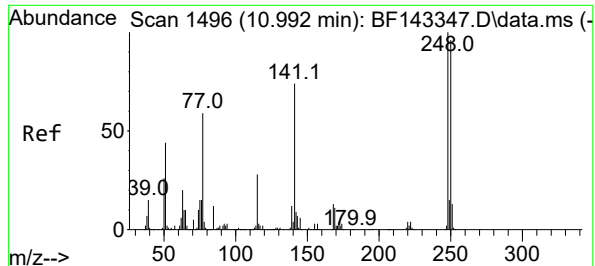


#66
n-Nitrosodiphenylamine
Concen: 44.277 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42



Tgt Ion:169 Resp: 962968
Ion Ratio Lower Upper
169 100
168 67.0 52.7 79.1
167 36.2 28.6 42.8





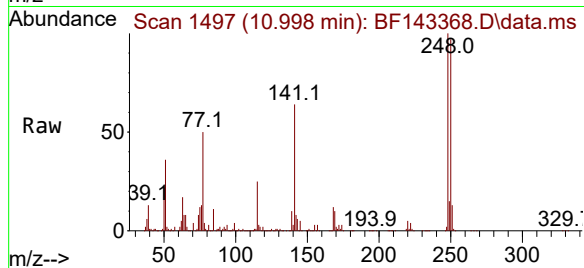
#67
4-Bromophenyl-phenylether
Concen: 47.475 ng
RT: 10.998 min Scan# 1496
Delta R.T. 0.006 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDEMSD

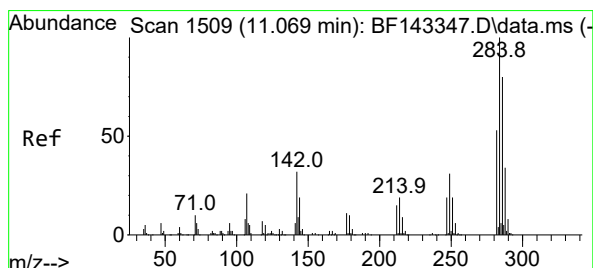
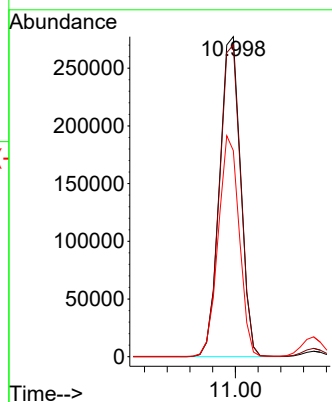
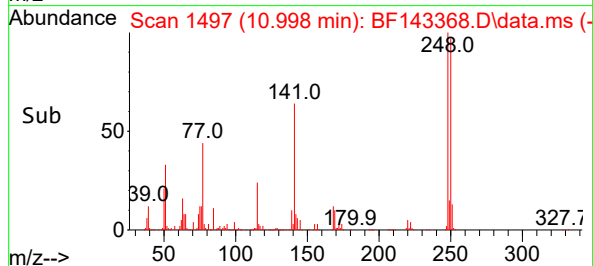


Tgt Ion:248 Resp: 35862
Ion Ratio Lower Upper
248 100
250 97.5 77.1 115.7
141 64.4 59.1 88.7

Manual Integrations

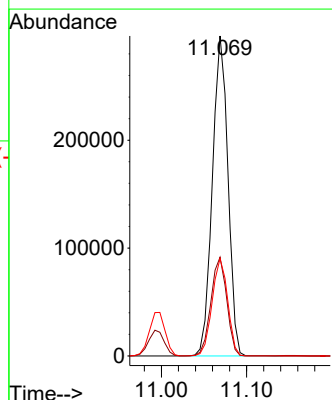
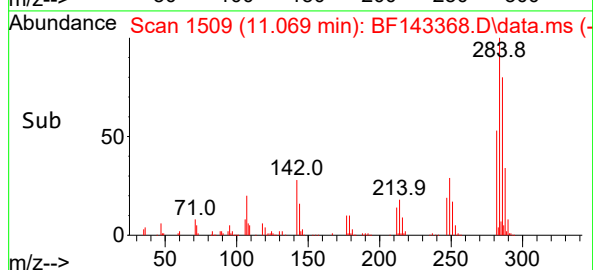
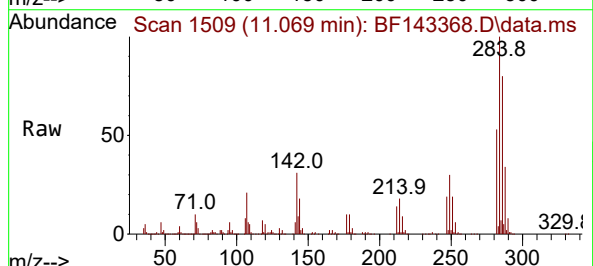
APPROVED

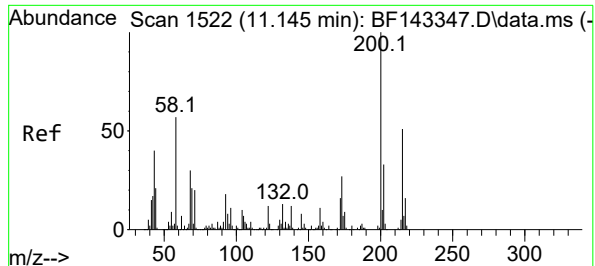
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#68
Hexachlorobenzene
Concen: 46.259 ng
RT: 11.069 min Scan# 1509
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:284 Resp: 376657
Ion Ratio Lower Upper
284 100
142 30.9 25.7 38.5
249 30.4 24.6 37.0





#69

Atrazine

Concen: 58.471 ng

RT: 11.151 min Scan# 1523

Delta R.T. 0.006 min

Lab File: BF143368.D

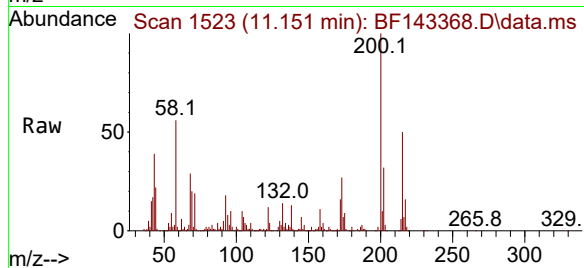
Acq: 13 Aug 2025 11:42

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDEMSD



Tgt Ion:200 Resp: 331678

Ion Ratio Lower Upper

200 100

173 26.5 6.6 46.6

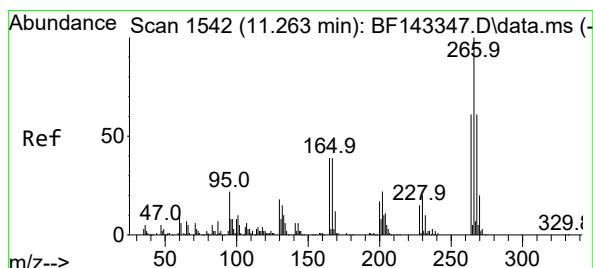
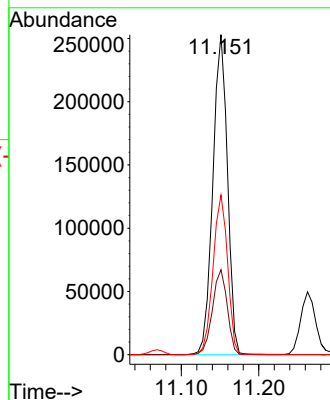
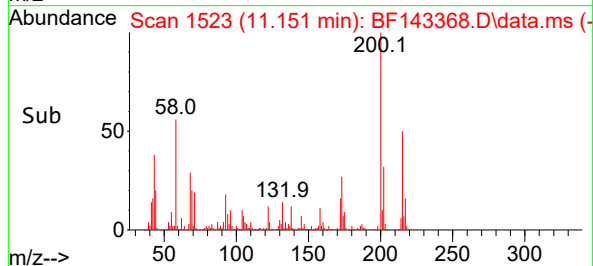
215 49.9 30.6 70.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#70

Pentachlorophenol

Concen: 99.770 ng

RT: 11.263 min Scan# 1542

Delta R.T. -0.000 min

Lab File: BF143368.D

Acq: 13 Aug 2025 11:42

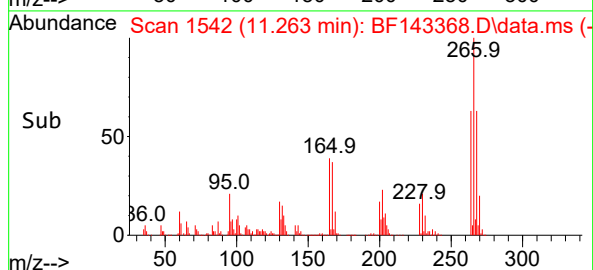
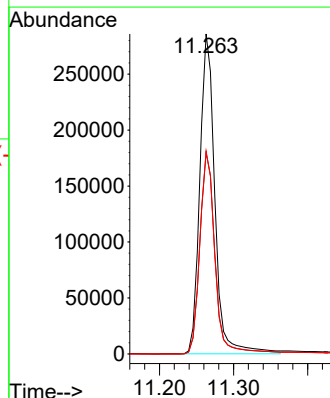
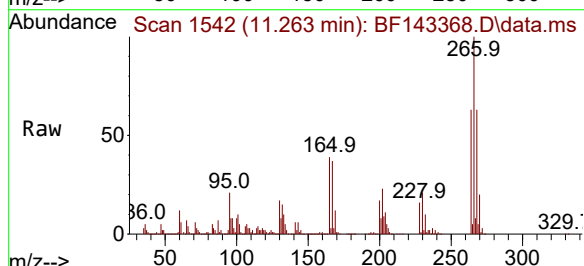
Tgt Ion:266 Resp: 403940

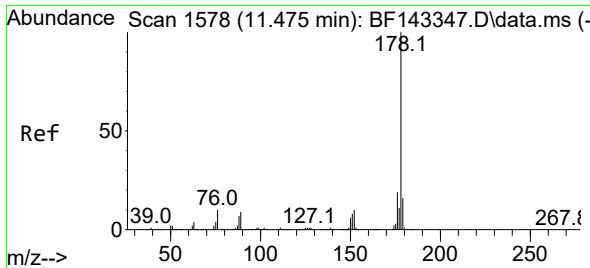
Ion Ratio Lower Upper

266 100

268 63.0 48.8 73.2

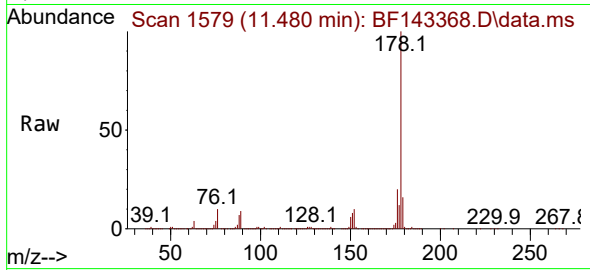
264 63.4 48.8 73.2





#71
Phenanthrene
Concen: 43.924 ng
RT: 11.480 min Scan# 1578
Delta R.T. 0.006 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

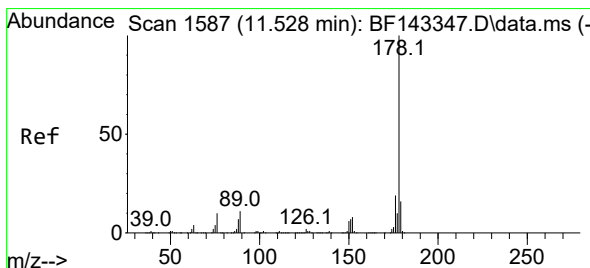
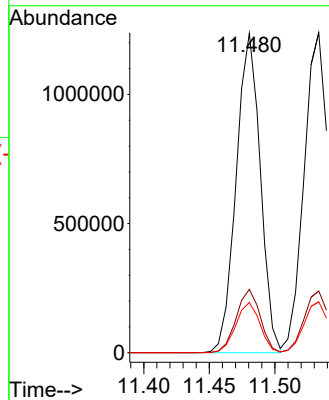
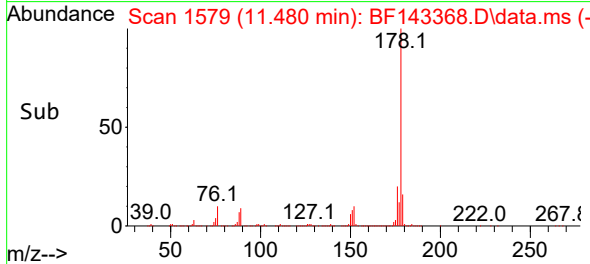
Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMSD



Tgt Ion:178 Resp: 1582864
Ion Ratio Lower Upper
178 100
176 19.8 15.5 23.3
179 15.7 12.5 18.7

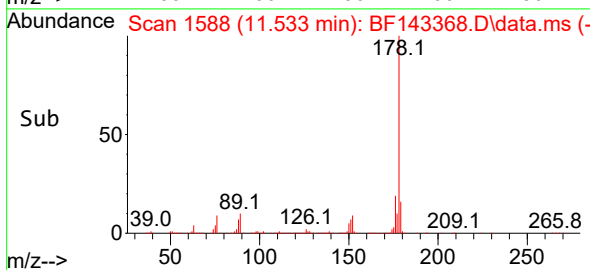
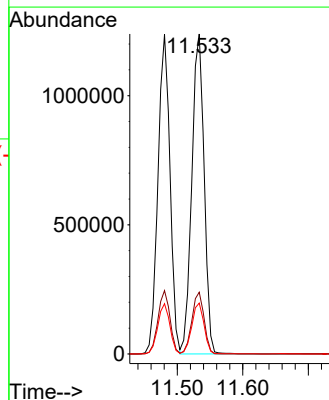
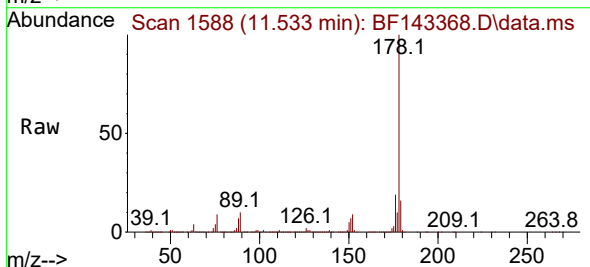
Manual Integrations
APPROVED

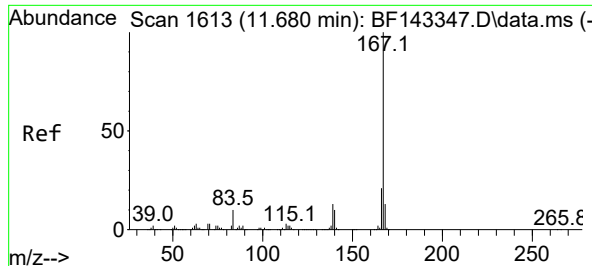
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#72
Anthracene
Concen: 44.251 ng
RT: 11.533 min Scan# 1588
Delta R.T. 0.006 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:178 Resp: 1617222
Ion Ratio Lower Upper
178 100
176 19.3 15.1 22.7
179 15.9 12.7 19.1





#73

Carbazole

Concen: 46.126 ng

RT: 11.680 min Scan# 1613

Delta R.T. 0.000 min

Lab File: BF143368.D

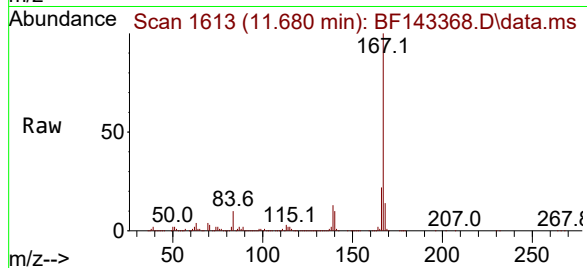
Acq: 13 Aug 2025 11:42

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDEMSD



Tgt Ion:167 Resp: 1435658

Ion Ratio Lower Upper

167 100

166 21.9 16.8 25.2

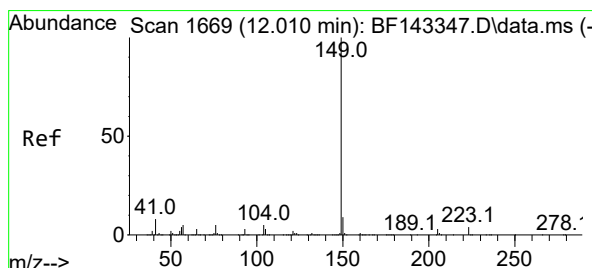
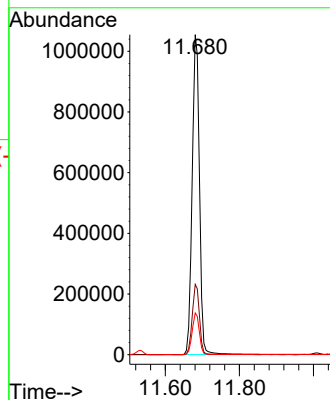
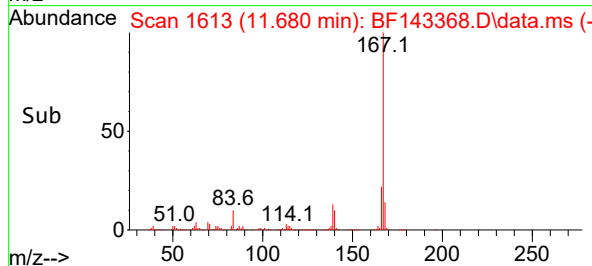
139 13.0 10.2 15.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#74

Di-n-butylphthalate

Concen: 68.584 ng

RT: 12.010 min Scan# 1669

Delta R.T. -0.000 min

Lab File: BF143368.D

Acq: 13 Aug 2025 11:42

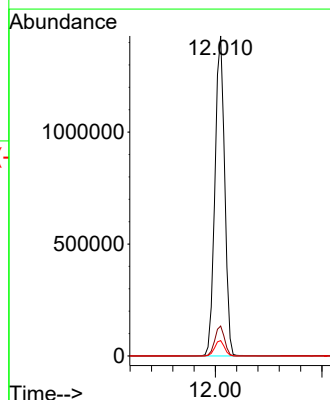
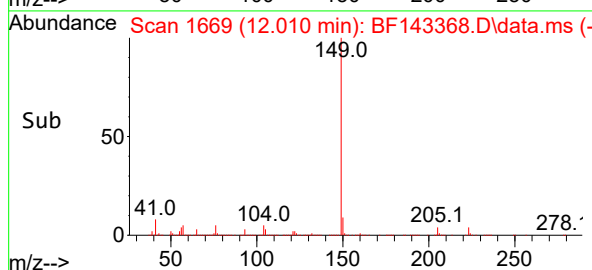
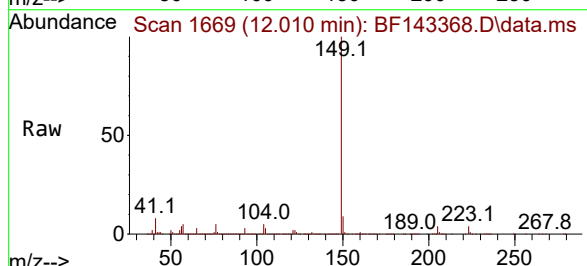
Tgt Ion:149 Resp: 1806368

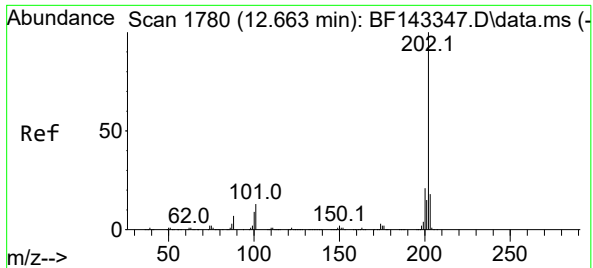
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.0

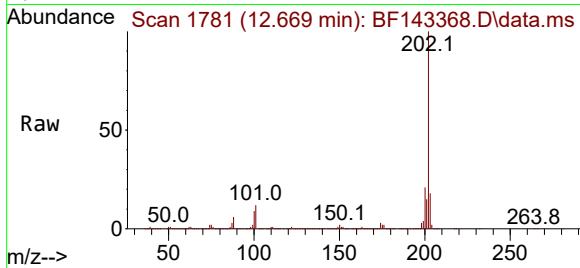
104 4.8 3.8 5.8





#75
Fluoranthene
Concen: 50.705 ng
RT: 12.669 min Scan# 1780
Delta R.T. 0.006 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

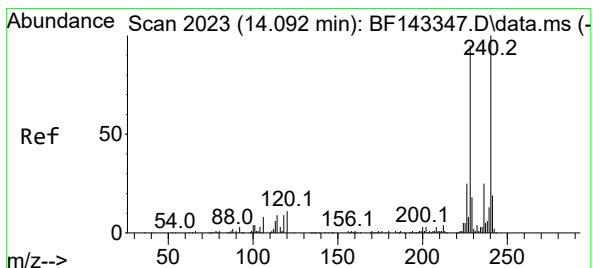
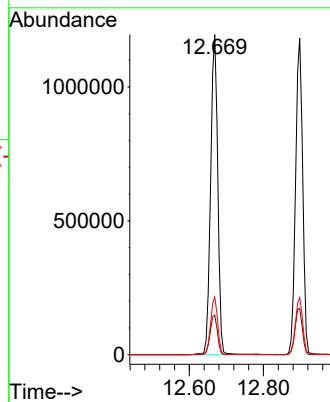
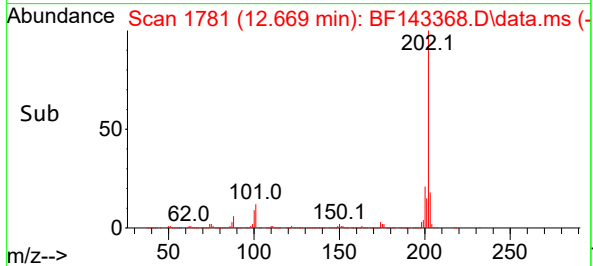
Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMSD



Tgt Ion:202 Resp: 160058
Ion Ratio Lower Upper
202 100
101 12.4 0.0 33.2
203 17.9 0.0 37.6

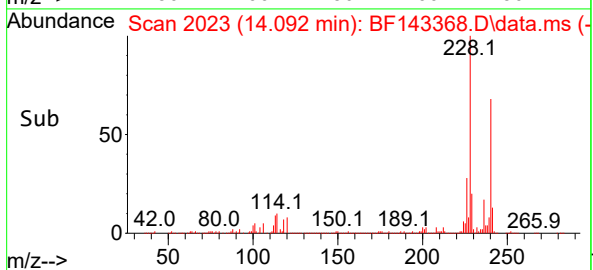
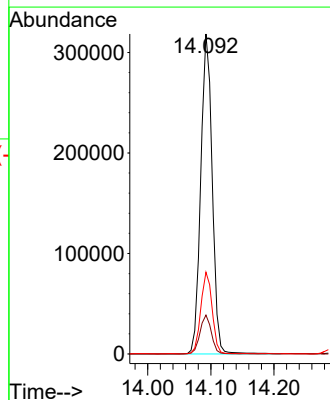
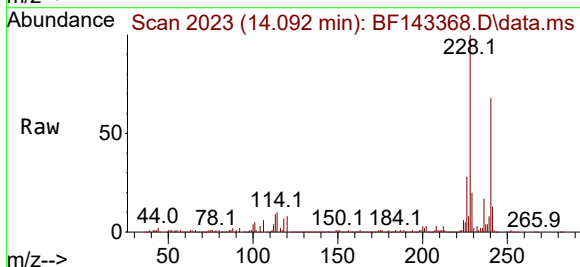
Manual Integrations
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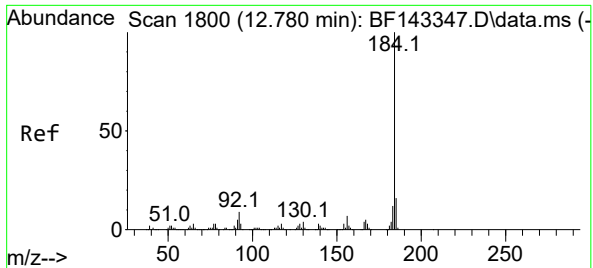
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:240 Resp: 401162
Ion Ratio Lower Upper
240 100
120 12.2 9.0 13.6
236 25.6 19.9 29.9





#77

Benzidine

Concen: 40.413 ng

RT: 12.780 min Scan# 1800

Delta R.T. 0.000 min

Lab File: BF143368.D

Acq: 13 Aug 2025 11:42

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDEMSD

Tgt Ion:184 Resp: 44322

Ion Ratio Lower Upper

184 100

185 14.9 12.8 19.2

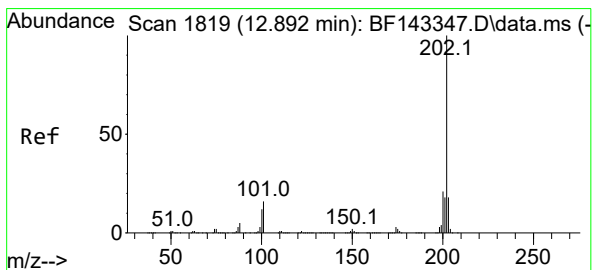
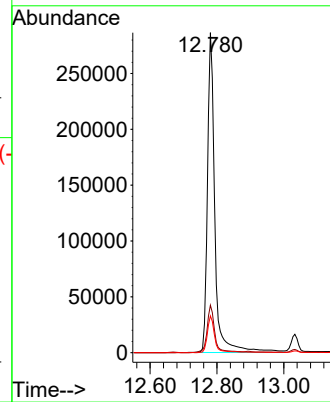
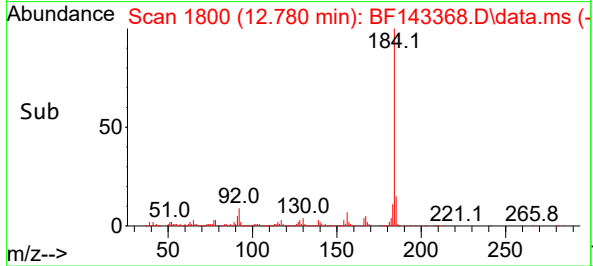
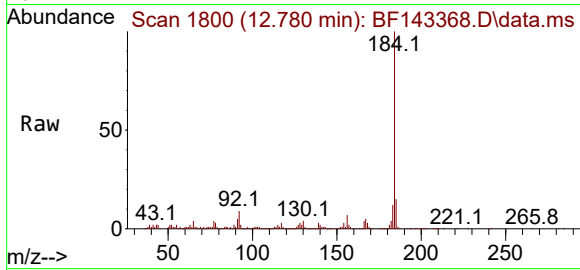
183 11.5 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#78

Pyrene

Concen: 46.752 ng

RT: 12.898 min Scan# 1820

Delta R.T. 0.006 min

Lab File: BF143368.D

Acq: 13 Aug 2025 11:42

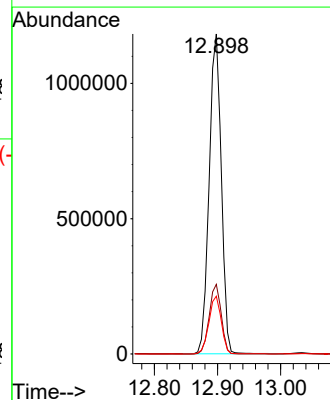
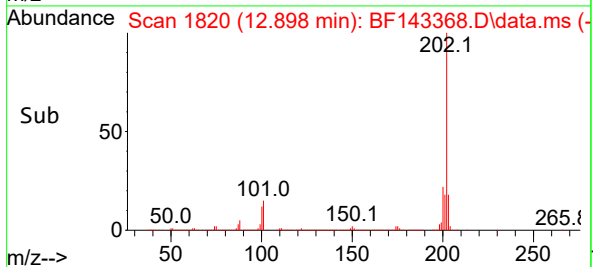
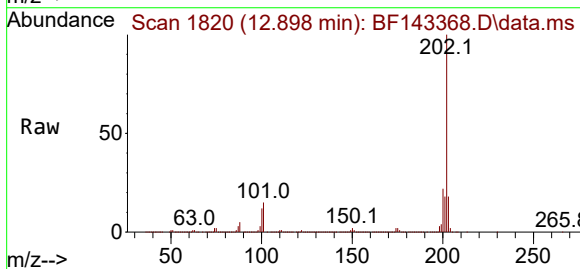
Tgt Ion:202 Resp: 1573380

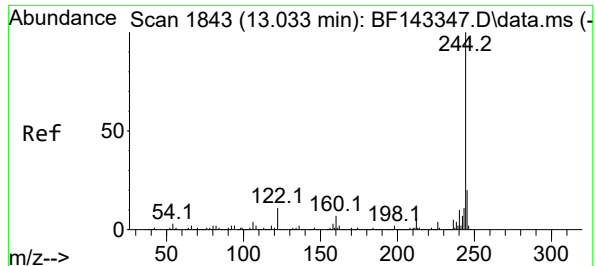
Ion Ratio Lower Upper

202 100

200 21.7 16.8 25.2

203 18.1 14.2 21.4





#79

Terphenyl-d14

Concen: 77.549 ng

RT: 13.033 min Scan# 1843

Delta R.T. 0.000 min

Lab File: BF143368.D

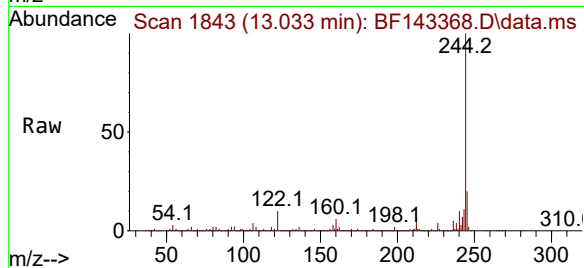
Acq: 13 Aug 2025 11:42

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDEMSD



Tgt Ion:244 Resp: 174252

Ion Ratio Lower Upper

244 100

212 6.5 5.1 7.7

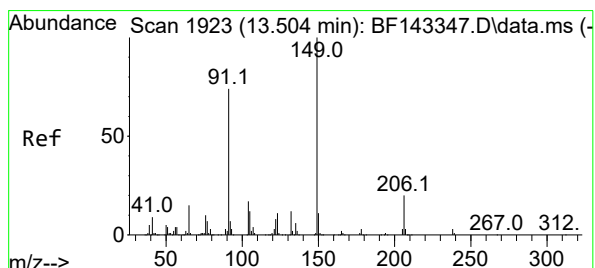
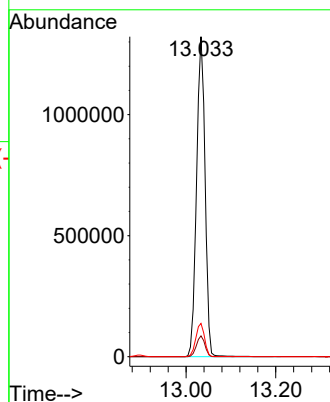
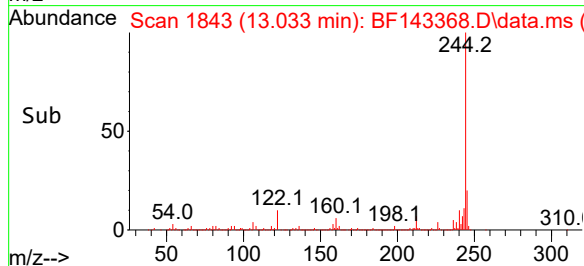
122 10.4 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#80

Butylbenzylphthalate

Concen: 91.246 ng

RT: 13.504 min Scan# 1923

Delta R.T. -0.000 min

Lab File: BF143368.D

Acq: 13 Aug 2025 11:42

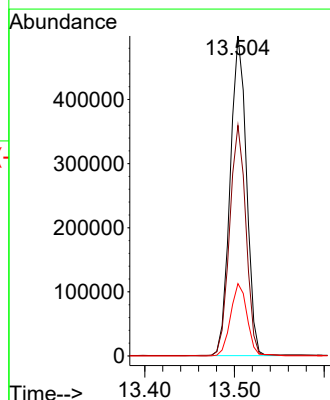
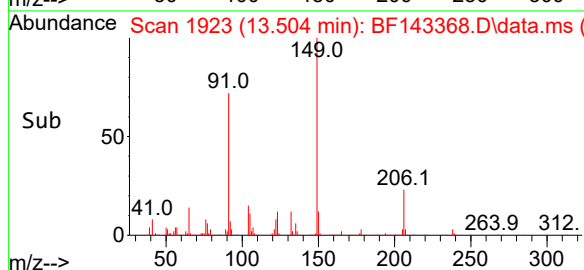
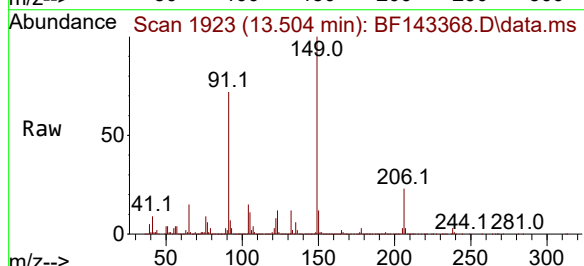
Tgt Ion:149 Resp: 628406

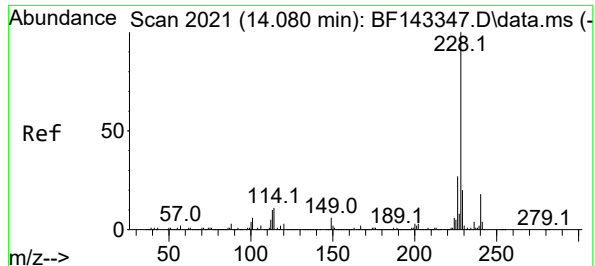
Ion Ratio Lower Upper

149 100

91 72.0 58.8 88.2

206 22.6 16.4 24.6





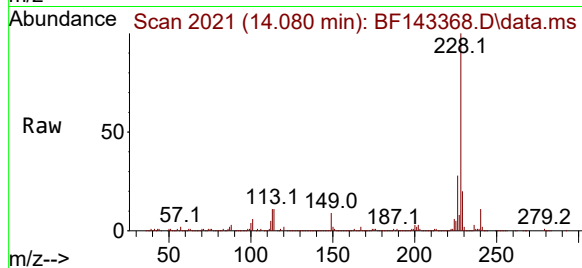
#81
Benzo(a)anthracene
Concen: 46.189 ng
RT: 14.080 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDEMSD

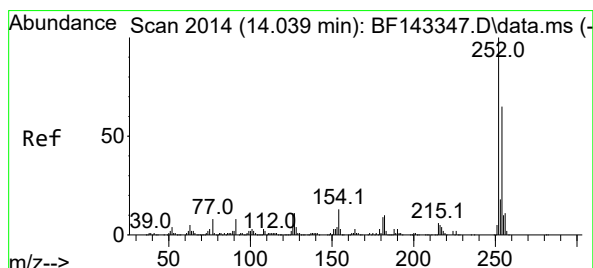
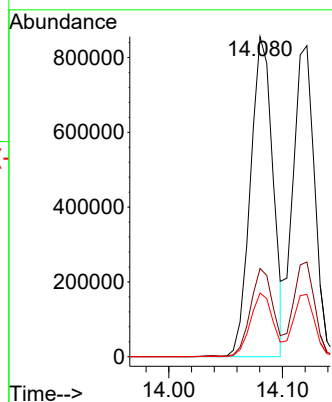
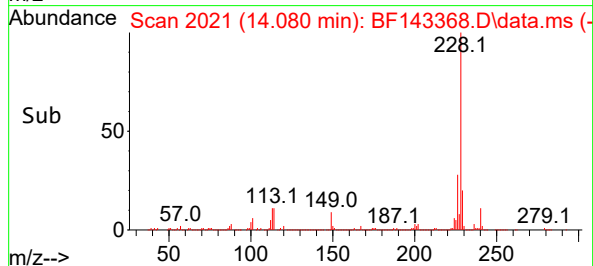


Tgt Ion:228 Resp: 1177700
Ion Ratio Lower Upper
228 100
226 27.6 22.0 33.0
229 19.9 15.8 23.8

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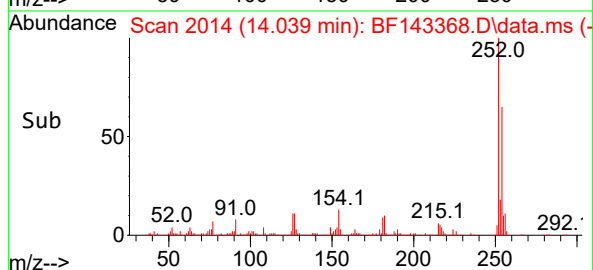
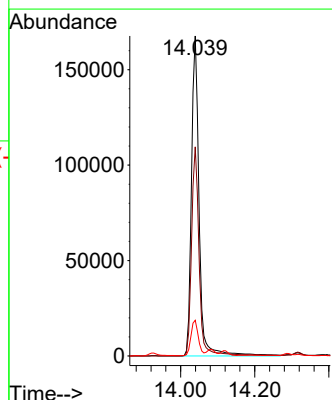
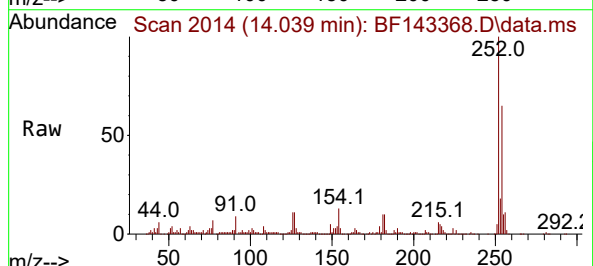
APPROVED

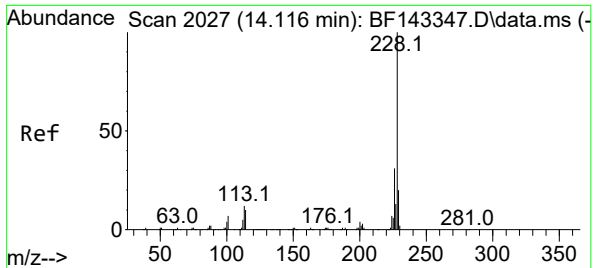
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#82
3,3'-Dichlorobenzidine
Concen: 34.980 ng
RT: 14.039 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:252 Resp: 240837
Ion Ratio Lower Upper
252 100
254 65.3 51.7 77.5
126 11.2 9.2 13.8





#83

Chrysene

Concen: 46.969 ng

RT: 14.121 min Scan# 2027

Delta R.T. 0.006 min

Lab File: BF143368.D

Acq: 13 Aug 2025 11:42

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDEMSD

Tgt Ion:228 Resp: 111668

Ion Ratio Lower Upper

228 100

226 30.5 24.2 36.2

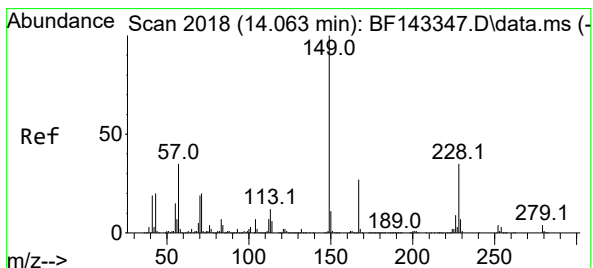
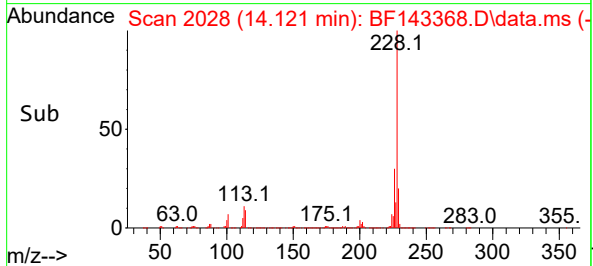
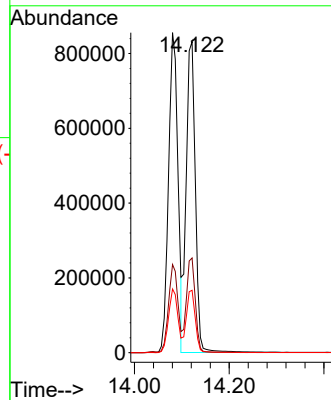
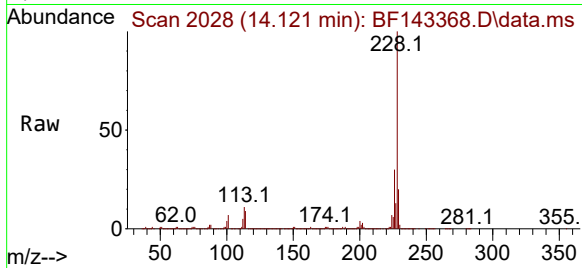
229 20.0 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 79.088 ng

RT: 14.063 min Scan# 2018

Delta R.T. -0.000 min

Lab File: BF143368.D

Acq: 13 Aug 2025 11:42

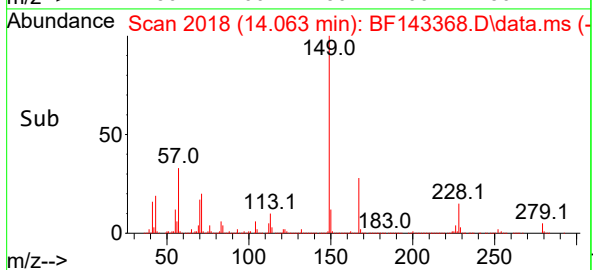
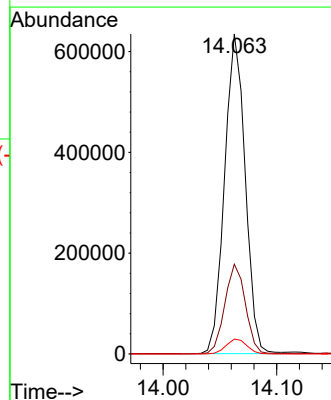
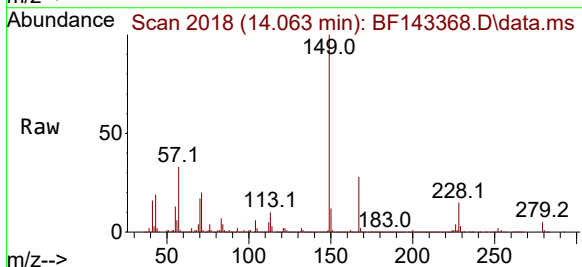
Tgt Ion:149 Resp: 801196

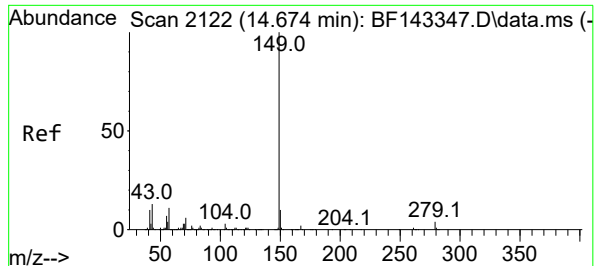
Ion Ratio Lower Upper

149 100

167 28.0 21.4 32.0

279 4.7 3.2 4.8





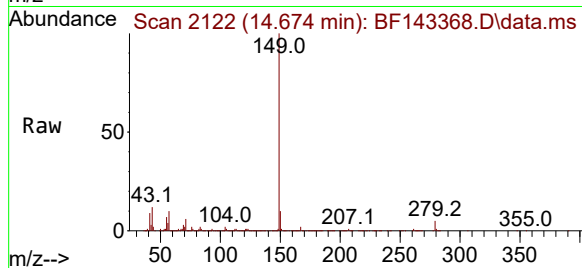
#85
Di-n-octyl phthalate
Concen: 57.708 ng
RT: 14.674 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDEMSD



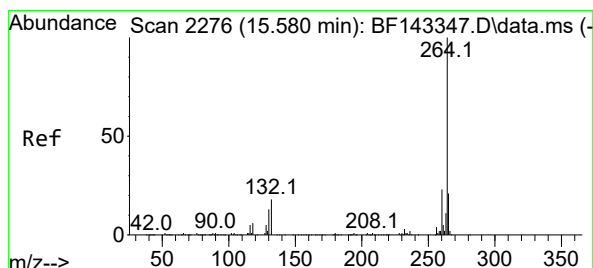
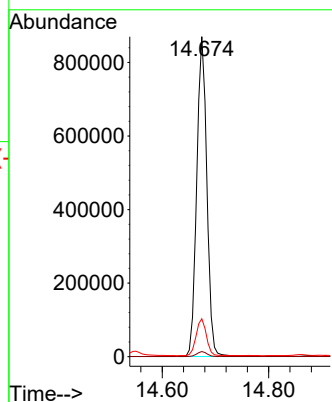
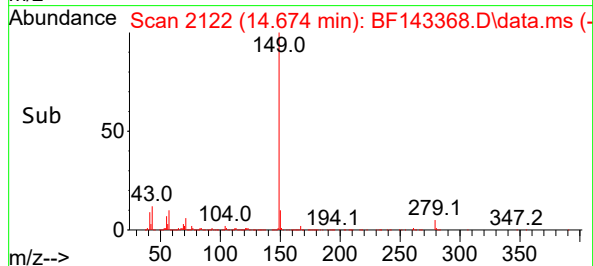
Tgt Ion:149 Resp: 115105
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.6 10.8 16.2

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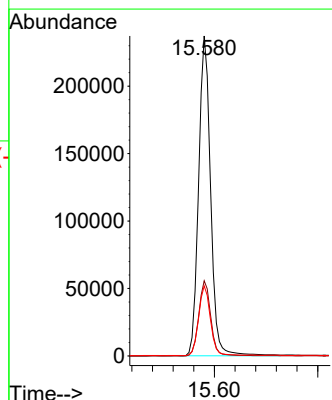
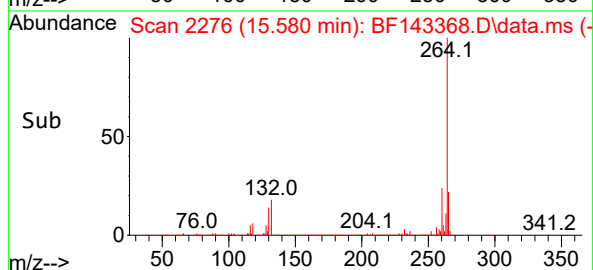
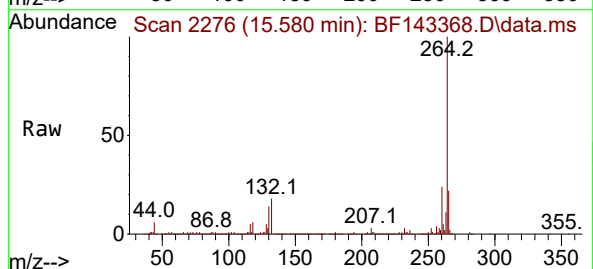
Reviewed By :Rahul Chavli 08/14/2025

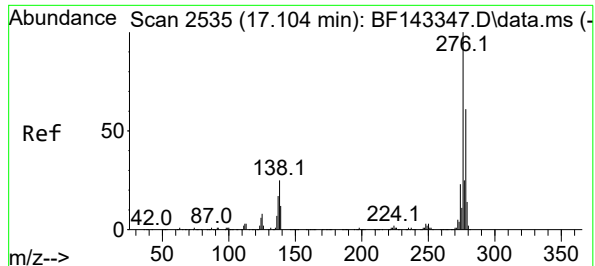
Supervised By :Jagrut Upadhyay 08/15/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2276
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:264 Resp: 380758
Ion Ratio Lower Upper
264 100
260 23.5 18.7 28.1
265 21.9 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.571 ng

RT: 17.104 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF143368.D

Acq: 13 Aug 2025 11:42

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDEMSD

Tgt Ion:276 Resp: 127039

Ion Ratio Lower Upper

276 100

138 26.0 21.1 31.7

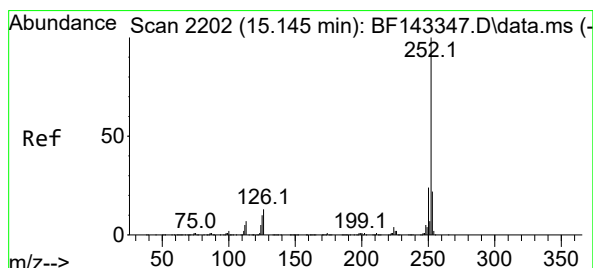
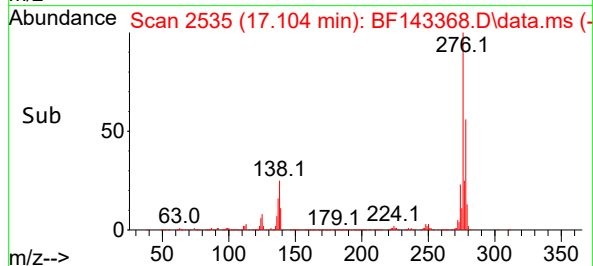
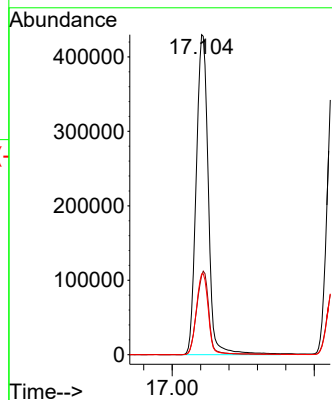
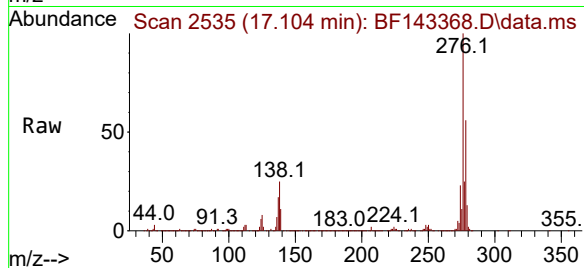
277 25.3 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#88

Benzo(b)fluoranthene

Concen: 48.563 ng

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: BF143368.D

Acq: 13 Aug 2025 11:42

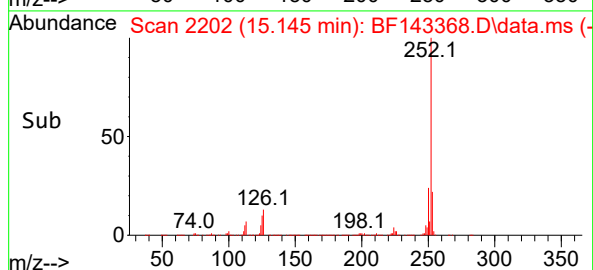
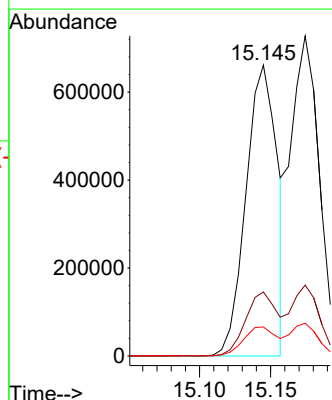
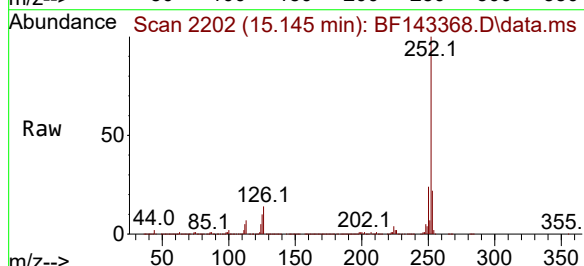
Tgt Ion:252 Resp: 1011358

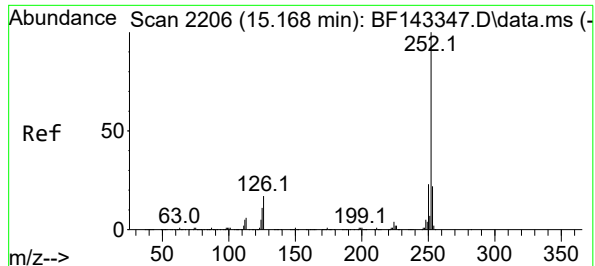
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

125 10.0 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 51.160 ng

RT: 15.174 min Scan# 2207

Delta R.T. 0.006 min

Lab File: BF143368.D

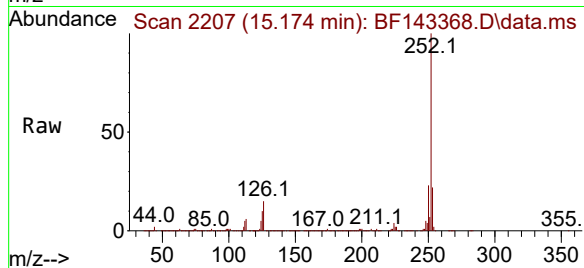
Acq: 13 Aug 2025 11:42

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDEMSD



Tgt Ion:252 Resp: 103528

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

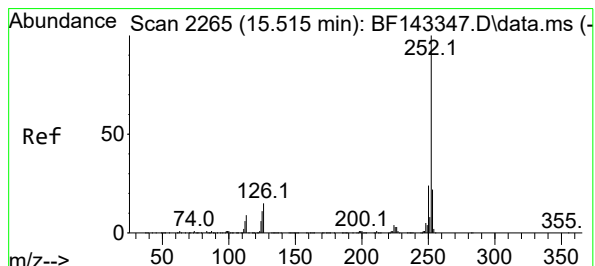
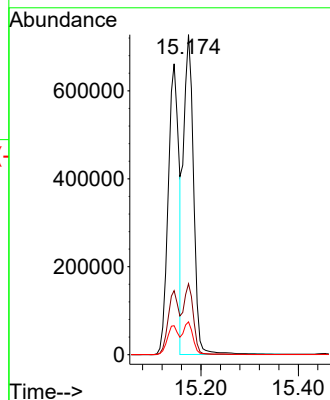
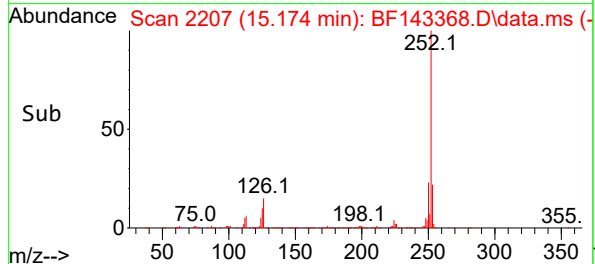
125 10.3 8.4 12.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#90

Benzo(a)pyrene

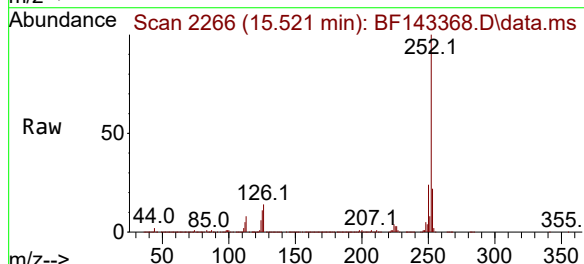
Concen: 50.356 ng

RT: 15.521 min Scan# 2266

Delta R.T. 0.006 min

Lab File: BF143368.D

Acq: 13 Aug 2025 11:42



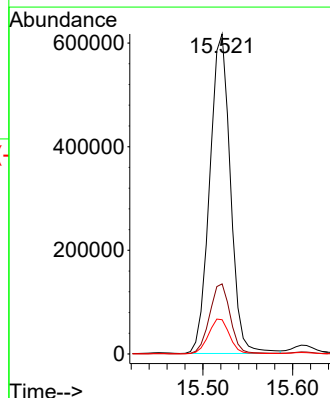
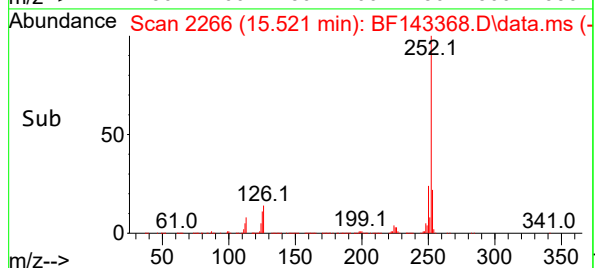
Tgt Ion:252 Resp: 987713

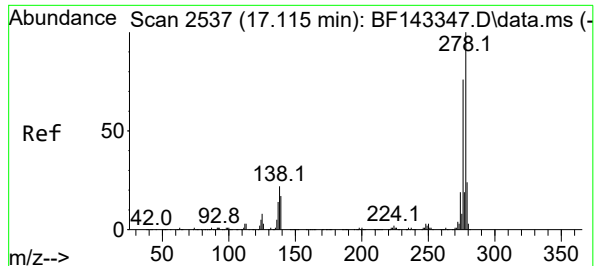
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 10.7 9.1 13.7





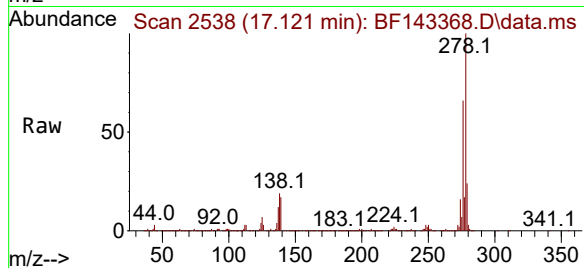
#91
Dibenzo(a,h)anthracene
Concen: 47.665 ng
RT: 17.121 min Scan# 2538
Delta R.T. 0.006 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDEMSD



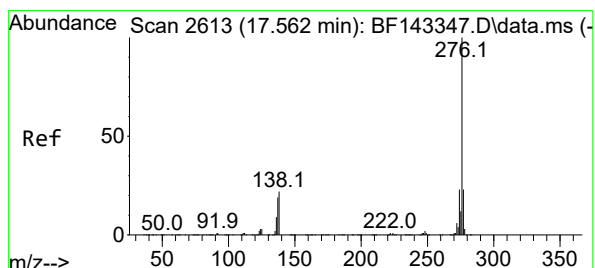
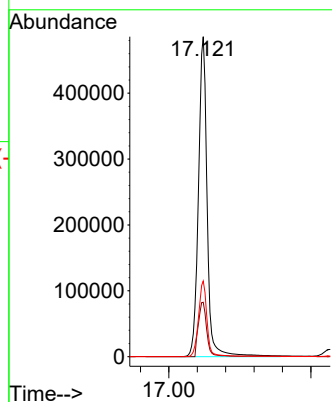
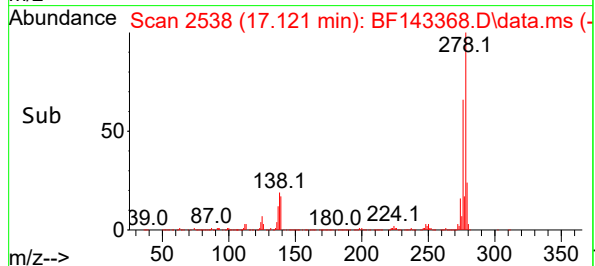
Tgt Ion:278 Resp: 1038764
Ion Ratio Lower Upper
278 100
139 17.0 14.0 21.0
279 23.7 19.4 29.0

Manual Integrations

APPROVED

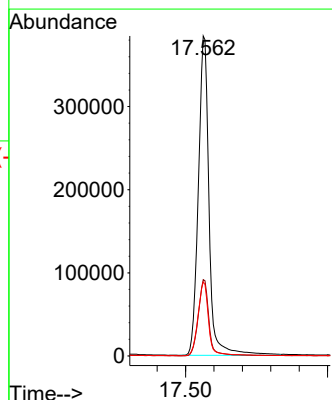
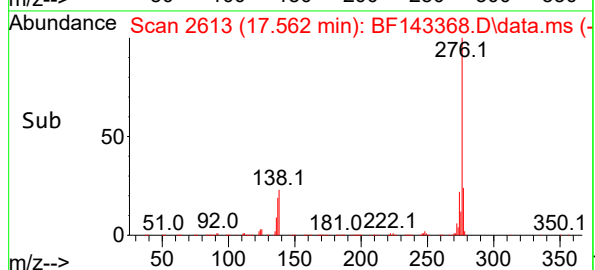
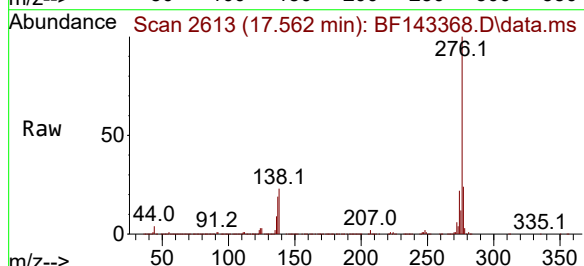
Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#92
Benzo(g,h,i)perylene
Concen: 45.924 ng
RT: 17.562 min Scan# 2613
Delta R.T. 0.000 min
Lab File: BF143368.D
Acq: 13 Aug 2025 11:42

Tgt Ion:276 Resp: 1008201
Ion Ratio Lower Upper
276 100
277 23.8 18.7 28.1
138 23.1 17.8 26.8





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

Manual Integration Report

Sequence:	BF081225	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC010	BF143345.D	Benzoic acid	Rahul	8/13/2025 8:58:28 AM	Jagrut	8/13/2025 11:10:31 AM	Peak Integrated by Software

Manual Integration Report

Sequence:

bf081325

Instrument

BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2830-05MS	BF143367.D	2,4-Dimethylphenol	Rahul	8/14/2025 10:12:53 AM	Jagrut	8/15/2025 12:46:35 PM	Peak Integrated by Software
Q2830-05MSD	BF143368.D	Caprolactam	Rahul	8/14/2025 10:12:55 AM	Jagrut	8/15/2025 12:46:37 PM	Peak Integrated by Software
SSTDCCC040	BF143375.D	2,4-Dimethylphenol	Rahul	8/14/2025 10:13:11 AM	Jagrut	8/15/2025 12:46:49 PM	Peak Integrated by Software
SSTDCCC040	BF143375.D	Benzoic acid	Rahul	8/14/2025 10:13:11 AM	Jagrut	8/15/2025 12:46:49 PM	Peak Integrated by Software

Manual Integration Report

Sequence:	BP081425	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BP025393.D	Acenaphthene	Rahul	8/15/2025 9:34:57 AM	Jagrut	8/15/2025 12:49:22 PM	Peak Integrated by Software
SSTDICC010	BP025394.D	Acenaphthene	Rahul	8/15/2025 9:34:54 AM	Jagrut	8/15/2025 12:49:24 PM	Peak Integrated by Software
SSTDICC010	BP025394.D	Benzaldehyde	Rahul	8/15/2025 9:34:54 AM	Jagrut	8/15/2025 12:49:24 PM	Peak Integrated by Software
SSTDICC010	BP025394.D	Benzoic acid	Rahul	8/15/2025 9:34:54 AM	Jagrut	8/15/2025 12:49:24 PM	Peak Integrated by Software
SSTDICC010	BP025394.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:54 AM	Jagrut	8/15/2025 12:49:24 PM	Peak Integrated by Software
SSTDICC020	BP025395.D	Acenaphthene	Rahul	8/15/2025 9:34:49 AM	Jagrut	8/15/2025 12:49:27 PM	Peak Integrated by Software
SSTDICC020	BP025395.D	Benzoic acid	Rahul	8/15/2025 9:34:49 AM	Jagrut	8/15/2025 12:49:27 PM	Peak Integrated by Software
SSTDICC020	BP025395.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:49 AM	Jagrut	8/15/2025 12:49:27 PM	Peak Integrated by Software
SSTDICCC040	BP025396.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:47 AM	Jagrut	8/15/2025 12:49:30 PM	Peak Integrated by Software
SSTDICC050	BP025397.D	Benzo(g,h,i)perylene	Rahul	8/15/2025 9:34:43 AM	Jagrut	8/15/2025 12:49:33 PM	Peak Integrated by Software
SSTDICC050	BP025397.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:43 AM	Jagrut	8/15/2025 12:49:33 PM	Peak Integrated by Software
SSTDICC080	BP025399.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:40 AM	Jagrut	8/15/2025 12:49:36 PM	Peak Integrated by Software
SSTDICV040	BP025400.D	Acenaphthene	Rahul	8/15/2025 9:34:38 AM	Jagrut	8/15/2025 12:49:39 PM	Peak Integrated by Software

Manual Integration Report

Sequence:	BP081425	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB169210BS	BP025402.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:35 AM	Jagrut	8/15/2025 12:49:41 PM	Peak Integrated by Software
SSTDCCC040	BP025403.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:33 AM	Jagrut	8/15/2025 12:49:44 PM	Peak Integrated by Software
SSTDCCC040	BP025405.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:31 AM	Jagrut	8/15/2025 12:49:46 PM	Peak Integrated by Software
SSTDCCC040	BP025420.D	Acenaphthene	Rahul	8/15/2025 12:47:42 PM	Jagrut	8/15/2025 12:48:50 PM	Peak Integrated by Software
SSTDCCC040	BP025420.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 12:47:42 PM	Jagrut	8/15/2025 12:48:50 PM	Peak Integrated by Software

Manual Integration Report

Sequence:

bp081825

Instrument

BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP025455.D	Acenaphthene	Rahul	8/19/2025 8:33:39 AM	Jagrut	8/19/2025 8:38:58 AM	Peak Integrated by Software
SSTDCCC040	BP025455.D	Benzaldehyde	Rahul	8/19/2025 8:33:39 AM	Jagrut	8/19/2025 8:38:58 AM	Peak Integrated by Software

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF081225

Review By	Jagrut	Review On	8/13/2025 11:12:27 AM
Supervise By	Rahul	Supervise On	8/13/2025 3:44:43 PM
SubDirectory	BF081225	HP Acquire Method	BNA_F
		HP Processing Method	bf081225
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13170,10ul/1000ul sample		
ICV/I.BLK	SP6770		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143342.D	12 Aug 2025 08:34	RC/JU	Ok
2	SSTDICC2.5	BF143343.D	12 Aug 2025 09:03	RC/JU	Ok
3	SSTDICC005	BF143344.D	12 Aug 2025 09:34	RC/JU	Ok
4	SSTDICC010	BF143345.D	12 Aug 2025 10:04	RC/JU	Ok,M
5	SSTDICC020	BF143346.D	12 Aug 2025 10:35	RC/JU	Ok
6	SSTDICCC040	BF143347.D	12 Aug 2025 11:06	RC/JU	Ok
7	SSTDICC050	BF143348.D	12 Aug 2025 11:37	RC/JU	Ok
8	SSTDICC060	BF143349.D	12 Aug 2025 12:07	RC/JU	Ok
9	SSTDICC080	BF143350.D	12 Aug 2025 12:38	RC/JU	Ok
10	SSTDICV040	BF143351.D	12 Aug 2025 13:52	RC/JU	Ok
11	PB169189BL	BF143352.D	12 Aug 2025 14:22	RC/JU	Ok
12	PB169189BS	BF143353.D	12 Aug 2025 14:53	RC/JU	Ok,M
13	Q2807-02	BF143354.D	12 Aug 2025 15:33	RC/JU	Ok,M
14	Q2807-01	BF143355.D	12 Aug 2025 16:02	RC/JU	Ok
15	Q2807-03	BF143356.D	12 Aug 2025 16:32	RC/JU	Ok,M
16	Q2807-03MS	BF143357.D	12 Aug 2025 17:02	RC/JU	Ok
17	Q2807-03MSD	BF143358.D	12 Aug 2025 17:32	RC/JU	Ok,M
18	Q2830-07	BF143359.D	12 Aug 2025 18:02	RC/JU	Ok
19	Q2830-01	BF143360.D	12 Aug 2025 18:32	RC/JU	Ok
20	Q2830-03	BF143361.D	12 Aug 2025 19:02	RC/JU	Ok
21	Q2830-05	BF143362.D	12 Aug 2025 19:32	RC/JU	Ok

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF081225

Review By	Jagrut	Review On	8/13/2025 11:12:27 AM		
Supervise By	Rahul	Supervise On	8/13/2025 3:44:43 PM		
SubDirectory	BF081225	HP Acquire Method	BNA_F	HP Processing Method	bf081225
STD. NAME		STD REF.#			
Tune/Reschk		SP6757			
Initial Calibration Stds		SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864			
CCC		SP6860			
Internal Standard/PEM		S13170,10ul/1000ul sample			
ICV/I.BLK		SP6770			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

22	Q2831-01	BF143363.D	12 Aug 2025 20:02	RC/JU	Ok,M

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF081325

Review By	Rahul	Review On	8/14/2025 10:13:42 AM
Supervise By	Jagrut	Supervise On	8/15/2025 12:47:02 PM
SubDirectory	BF081325	HP Acquire Method	BNA_F
		HP Processing Method	bf081225
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13170,10ul/1000ul sample		
ICV/I.BLK	SP6770		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143364.D	13 Aug 2025 08:59	RC/JU	Ok
2	SSTDCCC040	BF143365.D	13 Aug 2025 10:00	RC/JU	Ok
3	PB169210BL	BF143366.D	13 Aug 2025 10:30	RC/JU	Ok
4	Q2830-05MS	BF143367.D	13 Aug 2025 11:12	RC/JU	Ok,M
5	Q2830-05MSD	BF143368.D	13 Aug 2025 11:42	RC/JU	Ok,M
6	Q2808-04	BF143369.D	13 Aug 2025 12:12	RC/JU	Ok
7	Q2808-04MS	BF143370.D	13 Aug 2025 12:42	RC/JU	Ok,M
8	Q2808-04MSD	BF143371.D	13 Aug 2025 13:12	RC/JU	Ok,M
9	Q2827-04	BF143372.D	13 Aug 2025 13:42	RC/JU	Ok
10	Q2827-08	BF143373.D	13 Aug 2025 14:11	RC/JU	Ok,M
11	Q2831-03	BF143374.D	13 Aug 2025 14:42	RC/JU	Ok,M
12	SSTDCCC040	BF143375.D	13 Aug 2025 15:41	RC/JU	Ok,M

M : Manual Integration

Instrument ID: **BNA_P**

Daily Analysis Runlog For Sequence/QC Batch ID # BP081425

Review By	Rahul	Review On	8/15/2025 9:35:16 AM
Supervise By	Jagrut	Supervise On	8/15/2025 3:48:12 PM
SubDirectory	BP081425	HP Acquire Method	BNA_P
		HP Processing Method	bp081425
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840		
CCC	SP6836		
Internal Standard/PEM	S13170,10ul/1000ul sample		
ICV/I.BLK	SP6770		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025390.D	14 Aug 2025 10:30	CG/JU	Ok
2	SSTDCCC040	BP025391.D	14 Aug 2025 11:52	CG/JU	Not Ok
3	SSTDICC2.5	BP025392.D	14 Aug 2025 12:33	CG/JU	Ok
4	SSTDICC005	BP025393.D	14 Aug 2025 13:15	CG/JU	Ok,M
5	SSTDICC010	BP025394.D	14 Aug 2025 13:56	CG/JU	Ok,M
6	SSTDICC020	BP025395.D	14 Aug 2025 14:38	CG/JU	Ok,M
7	SSTDICCC040	BP025396.D	14 Aug 2025 15:19	CG/JU	Ok,M
8	SSTDICC050	BP025397.D	14 Aug 2025 16:01	CG/JU	Ok,M
9	SSTDICC060	BP025398.D	14 Aug 2025 16:42	CG/JU	Ok
10	SSTDICC080	BP025399.D	14 Aug 2025 17:24	CG/JU	Ok,M
11	SSTDICV040	BP025400.D	14 Aug 2025 18:05	CG/JU	Ok,M
12	PB169200TB	BP025401.D	14 Aug 2025 19:28	CG/JU	Ok
13	PB169210BS	BP025402.D	14 Aug 2025 20:10	CG/JU	Ok,M
14	SSTDCCC040	BP025403.D	14 Aug 2025 20:51	CG/JU	Ok,M
15	DFTPP	BP025404.D	14 Aug 2025 22:14	CG/JU	Ok
16	SSTDCCC040	BP025405.D	14 Aug 2025 22:56	CG/JU	Ok,M
17	PB169228BL	BP025406.D	14 Aug 2025 23:37	CG/JU	Ok
18	PB169228BS	BP025407.D	15 Aug 2025 00:18	CG/JU	Ok,M
19	Q2820-10	BP025408.D	15 Aug 2025 01:00	CG/JU	Ok
20	Q2820-11	BP025409.D	15 Aug 2025 01:41	CG/JU	Ok
21	Q2820-21	BP025410.D	15 Aug 2025 02:22	CG/JU	ReRun

Instrument ID: **BNA_P**

Daily Analysis Runlog For Sequence/QCBatch ID # BP081425

Review By	Rahul	Review On	8/15/2025 9:35:16 AM		
Supervise By	Jagrut	Supervise On	8/15/2025 3:48:12 PM		
SubDirectory	BP081425	HP Acquire Method	BNA_P	HP Processing Method	bp081425
STD. NAME		STD REF.#			
Tune/Reschk		SP6757			
Initial Calibration Stds		SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840			
CCC		SP6836			
Internal Standard/PEM		S13170,10ul/1000ul sample			
ICV/I.BLK		SP6770			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

22	Q2820-22	BP025411.D	15 Aug 2025 03:03	CG/JU	ReRun
23	Q2820-14	BP025412.D	15 Aug 2025 03:45	CG/JU	Ok
24	Q2820-16	BP025413.D	15 Aug 2025 04:26	CG/JU	Ok
25	Q2820-17	BP025414.D	15 Aug 2025 05:07	CG/JU	Ok
26	Q2820-17MS	BP025415.D	15 Aug 2025 05:48	CG/JU	Ok,M
27	Q2820-17MSD	BP025416.D	15 Aug 2025 06:29	CG/JU	Ok,M
28	Q2820-18	BP025417.D	15 Aug 2025 07:10	CG/JU	Ok
29	Q2820-19	BP025418.D	15 Aug 2025 07:51	CG/JU	ReRun
30	Q2820-20	BP025419.D	15 Aug 2025 08:32	CG/JU	ReRun
31	SSTDCCC040	BP025420.D	15 Aug 2025 09:13	CG/JU	Ok,M

M : Manual Integration

Instrument ID: **BNA_P**

Daily Analysis Runlog For Sequence/QC Batch ID # BP081825

Review By	Rahul	Review On	8/19/2025 8:34:05 AM
Supervise By	Jagrut	Supervise On	8/19/2025 8:39:20 AM
SubDirectory	BP081825	HP Acquire Method	BNA_P
		HP Processing Method	bp081425
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840		
CCC	SP6836		
Internal Standard/PEM	S13170,10ul/1000ul sample		
ICV/I.BLK	SP6770		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025454.D	18 Aug 2025 08:34	CG/JU	Ok
2	SSTDCCC040	BP025455.D	18 Aug 2025 10:39	CG/JU	Ok,M
3	PB169244BL	BP025456.D	18 Aug 2025 11:20	CG/JU	Ok
4	Q2838-05	BP025457.D	18 Aug 2025 12:06	CG/JU	Ok
5	Q2864-01	BP025458.D	18 Aug 2025 12:47	CG/JU	Ok
6	Q2838-01	BP025459.D	18 Aug 2025 13:28	CG/JU	Ok
7	Q2864-03	BP025460.D	18 Aug 2025 14:09	CG/JU	Ok
8	Q2877-01	BP025461.D	18 Aug 2025 14:50	CG/JU	Ok,M
9	Q2853-01	BP025462.D	18 Aug 2025 15:31	CG/JU	Ok
10	Q2883-01	BP025463.D	18 Aug 2025 16:13	CG/JU	Ok,M
11	Q2857-03	BP025464.D	18 Aug 2025 16:54	CG/JU	Ok,M
12	Q2876-01	BP025465.D	18 Aug 2025 17:35	CG/JU	Ok
13	Q2826-01	BP025466.D	18 Aug 2025 18:17	CG/JU	Ok
14	Q2832-05	BP025467.D	18 Aug 2025 18:58	CG/JU	Ok,M
15	Q2832-07	BP025468.D	18 Aug 2025 19:39	CG/JU	Ok,M

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF081225

Review By	Jagrut	Review On	8/13/2025 11:12:27 AM
Supervise By	Rahul	Supervise On	8/13/2025 3:44:43 PM
SubDirectory	BF081225	HP Acquire Method	BNA_F
		HP Processing Method	bf081225

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13170,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF143342.D	12 Aug 2025 08:34		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BF143343.D	12 Aug 2025 09:03		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BF143344.D	12 Aug 2025 09:34		RC/JU	Ok
4	SSTDICC010	SSTDICC010	BF143345.D	12 Aug 2025 10:04		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BF143346.D	12 Aug 2025 10:35		RC/JU	Ok
6	SSTDICCC040	SSTDICCC040	BF143347.D	12 Aug 2025 11:06	Compound #26,41,48,51,56,57,65,70,80,84, 85 Kept on LR	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BF143348.D	12 Aug 2025 11:37	Compound #32,54 kept on QR	RC/JU	Ok
8	SSTDICC060	SSTDICC060	BF143349.D	12 Aug 2025 12:07		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BF143350.D	12 Aug 2025 12:38	Compound#09 removed from 80 ppm	RC/JU	Ok
10	SSTDICV040	ICVBF081225	BF143351.D	12 Aug 2025 13:52		RC/JU	Ok
11	PB169189BL	PB169189BL	BF143352.D	12 Aug 2025 14:22		RC/JU	Ok
12	PB169189BS	PB169189BS	BF143353.D	12 Aug 2025 14:53	Compound#44,51,59,62,74 failing high	RC/JU	Ok,M
13	Q2807-02	COMP-5	BF143354.D	12 Aug 2025 15:33		RC/JU	Ok,M
14	Q2807-01	COMP-4	BF143355.D	12 Aug 2025 16:02		RC/JU	Ok
15	Q2807-03	COMP-6	BF143356.D	12 Aug 2025 16:32		RC/JU	Ok,M
16	Q2807-03MS	COMP-6MS	BF143357.D	12 Aug 2025 17:02		RC/JU	Ok
17	Q2807-03MSD	COMP-6MSD	BF143358.D	12 Aug 2025 17:32		RC/JU	Ok,M

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF081225

Review By	Jagrut	Review On	8/13/2025 11:12:27 AM		
Supervise By	Rahul	Supervise On	8/13/2025 3:44:43 PM		
SubDirectory	BF081225	HP Acquire Method	BNA_F	HP Processing Method	bf081225
STD. NAME	STD REF.#				
Tune/Reschk	SP6757				
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864				
CCC	SP6860				
Internal Standard/PEM	S13170,10ul/1000ul sample				
ICV/I.BLK	SP6770				
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

18	Q2830-07	BIN0009-DRIVEWAY-T	BF143359.D	12 Aug 2025 18:02		RC/JU	Ok
19	Q2830-01	BIN0009-DRIVEWAY-T	BF143360.D	12 Aug 2025 18:32		RC/JU	Ok
20	Q2830-03	BIN0009-DRIVEWAY-T	BF143361.D	12 Aug 2025 19:02		RC/JU	Ok
21	Q2830-05	BIN0009-DRIVEWAY-T	BF143362.D	12 Aug 2025 19:32		RC/JU	Ok
22	Q2831-01	VNJ-238	BF143363.D	12 Aug 2025 20:02		RC/JU	Ok,M

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF081325

Review By	Rahul	Review On	8/14/2025 10:13:42 AM
Supervise By	Jagrut	Supervise On	8/15/2025 12:47:02 PM
SubDirectory	BF081325	HP Acquire Method	BNA_F
		HP Processing Method	bf081225

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13170,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF143364.D	13 Aug 2025 08:59		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF143365.D	13 Aug 2025 10:00		RC/JU	Ok
3	PB169210BL	PB169210BL	BF143366.D	13 Aug 2025 10:30		RC/JU	Ok
4	Q2830-05MS	BIN0009-DRIVEWAY-T	BF143367.D	13 Aug 2025 11:12		RC/JU	Ok,M
5	Q2830-05MSD	BIN0009-DRIVEWAY-T	BF143368.D	13 Aug 2025 11:42		RC/JU	Ok,M
6	Q2808-04	TP-7	BF143369.D	13 Aug 2025 12:12		RC/JU	Ok
7	Q2808-04MS	TP-7MS	BF143370.D	13 Aug 2025 12:42		RC/JU	Ok,M
8	Q2808-04MSD	TP-7MSD	BF143371.D	13 Aug 2025 13:12		RC/JU	Ok,M
9	Q2827-04	TP-8	BF143372.D	13 Aug 2025 13:42		RC/JU	Ok
10	Q2827-08	TP-9	BF143373.D	13 Aug 2025 14:11		RC/JU	Ok,M
11	Q2831-03	VNJ-238	BF143374.D	13 Aug 2025 14:42		RC/JU	Ok,M
12	SSTDCCC040	SSTDCCC040EC	BF143375.D	13 Aug 2025 15:41		RC/JU	Ok,M

M : Manual Integration

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP081425

Review By	Rahul	Review On	8/15/2025 9:35:16 AM
Supervise By	Jagrut	Supervise On	8/15/2025 3:48:12 PM
SubDirectory	BP081425	HP Acquire Method	BNA_P
		HP Processing Method	bp081425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13170,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP025390.D	14 Aug 2025 10:30		CG/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP025391.D	14 Aug 2025 11:52	A Fresh Calibration is required.	CG/JU	Not Ok
3	SSTDICC2.5	SSTDICC2.5	BP025392.D	14 Aug 2025 12:33		CG/JU	Ok
4	SSTDICC005	SSTDICC005	BP025393.D	14 Aug 2025 13:15		CG/JU	Ok,M
5	SSTDICC010	SSTDICC010	BP025394.D	14 Aug 2025 13:56		CG/JU	Ok,M
6	SSTDICC020	SSTDICC020	BP025395.D	14 Aug 2025 14:38		CG/JU	Ok,M
7	SSTDICCC040	SSTDICCC040	BP025396.D	14 Aug 2025 15:19	Benzidine failed in the Calibration Method.	CG/JU	Ok,M
8	SSTDICC050	SSTDICC050	BP025397.D	14 Aug 2025 16:01		CG/JU	Ok,M
9	SSTDICC060	SSTDICC060	BP025398.D	14 Aug 2025 16:42		CG/JU	Ok
10	SSTDICC080	SSTDICC080	BP025399.D	14 Aug 2025 17:24		CG/JU	Ok,M
11	SSTDICV040	ICVBP081425	BP025400.D	14 Aug 2025 18:05		CG/JU	Ok,M
12	PB169200TB	PB169200TB	BP025401.D	14 Aug 2025 19:28		CG/JU	Ok
13	PB169210BS	PB169210BS	BP025402.D	14 Aug 2025 20:10		CG/JU	Ok,M
14	SSTDCCC040	SSTDCCC040EC	BP025403.D	14 Aug 2025 20:51		CG/JU	Ok,M
15	DFTPP	DFTPP	BP025404.D	14 Aug 2025 22:14		CG/JU	Ok
16	SSTDCCC040	SSTDCCC040	BP025405.D	14 Aug 2025 22:56		CG/JU	Ok,M
17	PB169228BL	PB169228BL	BP025406.D	14 Aug 2025 23:37		CG/JU	Ok

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP081425

Review By	Rahul	Review On	8/15/2025 9:35:16 AM		
Supervise By	Jagrut	Supervise On	8/15/2025 3:48:12 PM		
SubDirectory	BP081425	HP Acquire Method	BNA_P	HP Processing Method	bp081425
STD. NAME	STD REF.#				
Tune/Reschk	SP6757				
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840				
CCC	SP6836				
Internal Standard/PEM	S13170,10ul/1000ul sample				
ICV/I.BLK	SP6770				
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

18	PB169228BS	PB169228BS	BP025407.D	15 Aug 2025 00:18		CG/JU	Ok,M
19	Q2820-10	SOIL-DUP-2	BP025408.D	15 Aug 2025 01:00		CG/JU	Ok
20	Q2820-11	10PC-W	BP025409.D	15 Aug 2025 01:41		CG/JU	Ok
21	Q2820-21	22M-N	BP025410.D	15 Aug 2025 02:22	Surrogate Fail	CG/JU	ReRun
22	Q2820-22	22M-W	BP025411.D	15 Aug 2025 03:03	Surrogate Fail	CG/JU	ReRun
23	Q2820-14	10P-E	BP025412.D	15 Aug 2025 03:45		CG/JU	Ok
24	Q2820-16	10P-N	BP025413.D	15 Aug 2025 04:26		CG/JU	Ok
25	Q2820-17	88H-E	BP025414.D	15 Aug 2025 05:07		CG/JU	Ok
26	Q2820-17MS	88H-EMS	BP025415.D	15 Aug 2025 05:48		CG/JU	Ok,M
27	Q2820-17MSD	88H-EMSD	BP025416.D	15 Aug 2025 06:29		CG/JU	Ok,M
28	Q2820-18	88H-N	BP025417.D	15 Aug 2025 07:10		CG/JU	Ok
29	Q2820-19	88H-W	BP025418.D	15 Aug 2025 07:51	Surrogate fail	CG/JU	ReRun
30	Q2820-20	88H-S	BP025419.D	15 Aug 2025 08:32	Surrogate Fail	CG/JU	ReRun
31	SSTDCCC040	SSTDCCC040EC	BP025420.D	15 Aug 2025 09:13		CG/JU	Ok,M

M : Manual Integration

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP081825

Review By	Rahul	Review On	8/19/2025 8:34:05 AM
Supervise By	Jagrut	Supervise On	8/19/2025 8:39:20 AM
SubDirectory	BP081825	HP Acquire Method	BNA_P
		HP Processing Method	bp081425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13170,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP025454.D	18 Aug 2025 08:34		CG/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP025455.D	18 Aug 2025 10:39		CG/JU	Ok,M
3	PB169244BL	PB169244BL	BP025456.D	18 Aug 2025 11:20	End CCC missing.- Use for Non-DOD Projects.	CG/JU	Ok
4	Q2838-05	TP-10	BP025457.D	18 Aug 2025 12:06		CG/JU	Ok
5	Q2864-01	LAW-25-122-126	BP025458.D	18 Aug 2025 12:47		CG/JU	Ok
6	Q2838-01	TP-11	BP025459.D	18 Aug 2025 13:28		CG/JU	Ok
7	Q2864-03	LAW-25-113-121	BP025460.D	18 Aug 2025 14:09		CG/JU	Ok
8	Q2877-01	EO-02-08142025	BP025461.D	18 Aug 2025 14:50		CG/JU	Ok,M
9	Q2853-01	TR-05-081325	BP025462.D	18 Aug 2025 15:31		CG/JU	Ok
10	Q2883-01	RBR2520553	BP025463.D	18 Aug 2025 16:13		CG/JU	Ok,M
11	Q2857-03	72-12002	BP025464.D	18 Aug 2025 16:54		CG/JU	Ok,M
12	Q2876-01	CL-02-08142025	BP025465.D	18 Aug 2025 17:35		CG/JU	Ok
13	Q2826-01	WC1	BP025466.D	18 Aug 2025 18:17		CG/JU	Ok
14	Q2832-05	TG-S03	BP025467.D	18 Aug 2025 18:58		CG/JU	Ok,M
15	Q2832-07	TG-S04	BP025468.D	18 Aug 2025 19:39		CG/JU	Ok,M

M : Manual Integration

PERCENT SOLID

Supervisor: rubina
Analyst: jignesh
Date: 8/12/2025

OVENTEMP IN Celsius(°C): 108
Time IN: 17:10
In Date: 08/11/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:22
Out Date: 08/12/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB136776

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
Q2817-01	LEAD-PAINT-CHIPS	1	1.00	1.00	2.00	2.00	100.0	LEAD-PAINT-CHIPS
Q2818-01	B-2-5-1	2	1.15	10.59	11.74	10.42	87.5	
Q2818-02	B-3-5-2	3	1.16	10.66	11.82	10.66	89.1	
Q2823-01	SU-04-081125	4	1.13	10.70	11.83	11.11	93.3	
Q2823-02	SU-04-081125-E2	5	1.14	11.10	12.24	11.34	91.9	
Q2826-01	WC1	6	1.18	10.81	11.99	10.7	88.1	
Q2827-01	TP-8	7	1.16	11.41	12.57	7.33	54.1	
Q2827-02	TP-8-EPH	8	1.16	10.21	11.37	7.68	63.9	
Q2827-03	TP-8-VOC	9	1.18	10.87	12.05	9.22	74.0	
Q2827-05	TP-9	10	1.19	10.61	11.8	9.66	79.8	
Q2827-06	TP-9-EPH	11	1.16	10.06	11.22	8.93	77.2	
Q2827-07	TP-9-VOC	12	1.15	10.48	11.63	9.59	80.5	
Q2828-01	POWDER	13	1.19	10.32	11.51	11.45	99.4	
Q2829-01	SILICA	14	1.00	1.00	2.00	2.00	100.0	silica
Q2830-01	BIN0009-DRIVEWAY-TP-SOUTH-EAST	15	1.18	10.57	11.75	10.37	86.9	
Q2830-02	BIN0009-DRIVEWAY-TP-SOUTH-EAST	16	1.18	10.03	11.21	9.83	86.2	
Q2830-03	BIN0009-DRIVEWAY-TP-WEST	17	1.18	10.74	11.92	10.37	85.6	
Q2830-04	BIN0009-DRIVEWAY-TP-WEST	18	1.15	10.59	11.74	10.21	85.6	
Q2830-05	BIN0009-DRIVEWAY-TP-WESTSIDE	19	1.19	10.46	11.65	9.66	81.0	
Q2830-06	BIN0009-DRIVEWAY-TP-WESTSIDE	20	1.15	10.94	12.09	9.36	75.0	
Q2830-07	BIN0009-DRIVEWAY-TP-EASTSIDE	21	1.18	10.48	11.66	9.22	76.7	
Q2830-08	BIN0009-DRIVEWAY-TP-EASTSIDE	22	1.19	10.66	11.85	9.67	79.5	
Q2831-01	VNJ-238	23	1.18	10.59	11.77	11.04	93.1	
Q2831-02	VNJ-238-VOC	24	1.19	10.62	11.81	11.04	92.7	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

136716

WorkList Name : %1-081125 WorkList ID : 191189 Department : Wet-Chemistry Date : 08-11-2025 08:22:53

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2817-01	LEAD-PAINT-CHIPS	Solid	Percent Solids	Cool 4 deg C	HOME01	D31	08/11/2025	Chemtech -SO
Q2818-01	B-2-5-1	Solid	Percent Solids	Cool 4 deg C	EARTH03	J21	08/11/2025	Chemtech -SO
Q2818-02	B-3-5-2	Solid	Percent Solids	Cool 4 deg C	EARTH03	J21	08/11/2025	Chemtech -SO
Q2823-01	SU-04-081125	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	08/11/2025	Chemtech -SO
Q2823-02	SU-04-081125-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	08/11/2025	Chemtech -SO
Q2826-01	WC1	Solid	Percent Solids	Cool 4 deg C	GENV01	D31	08/11/2025	Chemtech -SO
Q2827-01	TP-8	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/11/2025	Chemtech -SO
Q2827-02	TP-8-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/11/2025	Chemtech -SO
Q2827-03	TP-8-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/11/2025	Chemtech -SO
Q2827-05	TP-9	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/11/2025	Chemtech -SO
Q2827-06	TP-9-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/11/2025	Chemtech -SO
Q2827-07	TP-9-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/11/2025	Chemtech -SO
Q2828-01	POWDER	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/11/2025	Chemtech -SO
Q2829-01	SILICA	Solid	Percent Solids	Cool 4 deg C	VIVA01	D21	08/11/2025	Chemtech -SO
Q2830-01	BIN009-DRIVEWAY-TP-SOUTH	Solid	Percent Solids	Cool 4 deg C	VIVA01	D21	08/11/2025	Chemtech -SO
Q2830-02	BIN009-DRIVEWAY-TP-SOUTH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/11/2025	Chemtech -SO
Q2830-03	BIN009-DRIVEWAY-TP-WEST	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/11/2025	Chemtech -SO
Q2830-04	BIN009-DRIVEWAY-TP-WEST	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/11/2025	Chemtech -SO
Q2830-05	BIN009-DRIVEWAY-TP-WEST	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/11/2025	Chemtech -SO
Q2830-06	BIN009-DRIVEWAY-TP-WEST	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/11/2025	Chemtech -SO
Q2830-07	BIN009-DRIVEWAY-TP-EASTS	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/11/2025	Chemtech -SO

Date/Time 08-11-25 15:10
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]
 Date/Time 08-11-25 17:20
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

WORKLIST(Hardcopy Internal Chain)

136776

WorkList Name : %1-081125 WorkList ID : 191189 Department : Wet-Chemistry Date : 08-11-2025 08:22:53

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2830-08	BIN009-DRIVEWAY-TP-EASTS	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/11/2025	Chemtech -SO
Q2831-01	VNJ-238	Solid	Percent Solids	Cool 4 deg C	PSEG03	D21	08/11/2025	Chemtech -SO
Q2831-02	VNJ-238-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D21	08/11/2025	Chemtech -SO

Date/Time 08.11.25 15:10
 Raw Sample Received by: Sh Woc
 Raw Sample Relinquished by: Sh Woc

Date/Time 08.11.25 17:20
 Raw Sample Received by: Sh Woc
 Raw Sample Relinquished by: Sh Woc

SOP ID:	M3541-ASE Extraction-15		
Clean Up SOP #:	N/A	Extraction Start Date :	08/12/2025
Matrix :	Solid	Extraction Start Time :	09:15
Weigh By:	RJ	Extraction By:	RJ
Balance check:	RJ	Extraction End Date :	08/12/2025
Balance ID:	EX-SC-2	Filter By:	RJ
pH Strip Lot#:	N/A	Extraction End Time :	13:15
		Concentration By:	RS
		Supervisor By :	RUPESH
Extraction Method:	☐ Separatory Funnel ☐ Continuous Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☒ Soxhlet		

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6849
Surrogate	1.0ML	100/150 PPM	SP6852
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	EP2626
Baked Na2SO4	N/A	EP2632
Sand	N/A	E3951
Methylene Chloride	N/A	E3954
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 Vail Lot # 2210443.

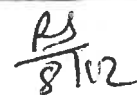
KD Bath ID:	N/A	Envap ID:	NEVAP-02
KD Bath Temperature:	N/A	Envap Temperature:	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
8/12/25	RS (Entrub)	Relsvoc
13:20	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 08/12/2025

Sample ID	Client Sample ID	Test	g/mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169210BL	SBLK210	SVOC-TCL BNA -20	30.03	N/A	ritesh	RUPESH	1			U1-1
PB169210BS	SLCS210	SVOC-TCL BNA -20	30.02	N/A	ritesh	RUPESH	1			2
Q2818-01	B-2-5-1	SVOC-TCL BNA -20	30.04	N/A	ritesh	RUPESH	1	B		3
Q2818-02	B-3-5-2	SVOC-TCL BNA -20	30.09	N/A	ritesh	RUPESH	1	B		4
Q2820-01	82H-S	SVOC-TCL BNA -20	30.01	N/A	ritesh	RUPESH	1	E		5
Q2820-02	82H-W	SVOC-TCL BNA -20	30.05	N/A	ritesh	RUPESH	1	E		6
Q2820-03	82H-N	SVOC-TCL BNA -20	30.03	N/A	ritesh	RUPESH	1	E		U2-1
Q2820-04	SOIL-DUP-1	SVOC-TCL BNA -20	30.06	N/A	ritesh	RUPESH	1	E		2
Q2820-05	518R-E	SVOC-TCL BNA -20	30.09	N/A	ritesh	RUPESH	1	E		3
Q2820-06	518R-N	SVOC-TCL BNA -20	30.07	N/A	ritesh	RUPESH	1	E		4
Q2820-07	518R-S	SVOC-TCL BNA -20	30.04	N/A	ritesh	RUPESH	1	E		5
Q2820-08	518R-W	SVOC-TCL BNA -20	30.08	N/A	ritesh	RUPESH	1	E		6
Q2820-09	705R-S	SVOC-TCL BNA -20	30.02	N/A	ritesh	RUPESH	1	E		U3-1
Q2823-01	SU-04-081125	SVOC-TCL BNA -20	50.06	N/A	ritesh	RUPESH	1	E		2
Q2826-01	WC1	SVOCMS Group1	30.03	N/A	ritesh	RUPESH	1			3
Q2827-01	TP-8	SVOC-TCL BNA -20	50.05	N/A	ritesh	RUPESH	1	E		4
Q2827-05	TP-9	SVOC-TCL BNA -20	50.01	N/A	ritesh	RUPESH	1	E	Gasoline Smell	5
Q2830-01	BIN0009-DRIVEWAY-TP-S OUTH-EAST	SVOC-TCL BNA -20	50.04	N/A	ritesh	RUPESH	1	E		6
Q2830-03	BIN0009-DRIVEWAY-TP- WEST	SVOC-TCL BNA -20	50.09	N/A	ritesh	RUPESH	1	E		U6-1
Q2830-05	BIN0009-DRIVEWAY-TP- WESTSIDE	SVOC-TCL BNA -20	50.06	N/A	ritesh	RUPESH	1	E		2
Q2830-05MS	BIN0009-DRIVEWAY-TP- WESTSIDEMS	SVOC-TCL BNA -20	50.01	N/A	ritesh	RUPESH	1	E		3
Q2830-05MS D	BIN0009-DRIVEWAY-TP- WESTSIDEMSD	SVOC-TCL BNA -20	50.03	N/A	ritesh	RUPESH	1	E		4
Q2830-07	BIN0009-DRIVEWAY-TP-E ASTSIDE	SVOC-TCL BNA -20	50.09	N/A	ritesh	RUPESH	1	E		5
Q2831-01	VNJ-238	SVOC-TCL BNA -20	50.07	N/A	ritesh	RUPESH	1	B		6



164210
9:15

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2826 WorkList ID : 191217 Department : Extraction Date : 08-12-2025 08:43:59

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2818-01	B-2-5-1	Solid	SVOC-TCL BNA -20	Cool 4 deg C	EARTH03		08/11/2025	8270E
Q2818-02	B-3-5-2	Solid	SVOC-TCL BNA -20	Cool 4 deg C	EARTH03		08/11/2025	8270E
Q2820-01	82H-S	Solid	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D31	08/06/2025	8270E
Q2820-02	82H-W	Solid	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D31	08/06/2025	8270E
Q2820-03	82H-N	Solid	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D31	08/06/2025	8270E
Q2820-04	SOIL-DUP-1	Solid	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D31	08/06/2025	8270E
Q2820-05	518R-E	Solid	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D31	08/07/2025	8270E
Q2820-06	518R-N	Solid	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D31	08/07/2025	8270E
Q2820-07	518R-S	Solid	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D31	08/07/2025	8270E
Q2820-08	518R-W	Solid	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D31	08/07/2025	8270E
Q2820-09	705R-S	Solid	SVOC-TCL BNA -20	Cool 4 deg C	FIRS02	D31	08/07/2025	8270E
Q2823-01	SU-04-081125	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG05	D31	08/11/2025	8270E
Q2826-01	WC1	Solid	SVOCMS Group1	Cool 4 deg C	GENV01	D31	08/11/2025	8270E
Q2827-01	TP-8	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	08/11/2025	8270E
Q2827-05	TP-9	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	08/11/2025	8270E
Q2830-01	BIN0009-DRIVEWAY-TP-SOUT	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	08/11/2025	8270E
Q2830-03	BIN0009-DRIVEWAY-TP-WEST	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	08/11/2025	8270E
Q2830-05	BIN0009-DRIVEWAY-TP-WEST	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	08/11/2025	8270E
Q2830-07	BIN0009-DRIVEWAY-TP-EAST	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	08/11/2025	8270E
Q2831-01	VNJ-238	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D21	08/11/2025	8270E

Date/Time 08/12/25 9:10

Raw Sample Received by: RS (64-146)

Raw Sample Relinquished by: CS

Date/Time 08/12/25 9:40

Raw Sample Received by: RS

Raw Sample Relinquished by: RS (64-146)



SHIPPING DOCUMENTS

CLIENT INFORMATION

COMPANY: **GECP INC**
ADDRESS: **8 CARPENTERS**
CITY: **Succasunna** STATE: **NJ** ZIP: **07876**
ATTENTION:
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: **Five B**
PROJECT NO.: LOCATION: **NJ**
PROJECT MANAGER: **AL**
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: **GECP INC** PO#:
ADDRESS: **8 CARPENTERS**
CITY: **Succasunna** STATE: **NJ** ZIP: **07876**
ATTENTION: PHONE:
ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) **Standard** DAYS*
HARDCOPY (DATA PACKAGE): **Standard** DAYS*
EDD: DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☒ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B
+ Raw Data ☐ Other **AS per Request**
☒ EDD FORMAT **NJ DEP Format**

PRESERVATIVES

COMMENTS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE	SAMPLE COLLECTION DATE	SAMPLE TIME	# OF BOTTLES	1	2	3	4	5	6	7	8	9	← Specify Preservatives A-HCl B-HNO3 C-H2SO4 D-NaOH E-ICE F-OTHER

1.	WC1	Soil	X	8/11/05	1330	4	X	X	X	X	X	X	X	X	X	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RECEIVED BY: **AL**

Comments: **WC1**

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP **1.9°C**

SHIPMENT COMPLETE ☐ YES ☐ NO

RECEIVED BY: **AL**

Page **1** of **1**

CLIENT: ☐ Hand Delivered ☐ Other

SHIPMENT COMPLETE ☐ YES ☐ NO

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2826	GENV01	Order Date : 8/11/2025 2:06:00 PM	Project Mgr : NJ Reduced/NJDKQP
Client Name : G Environmental		Project Name : Ave B	Report Type : ~~Level 1~~
Client Contact : Gary Landis		Receive Date/Time : 8/11/2025 1:50:00 PM	EDD Type : NJ HAZSITE
Invoice Name : G Environmental		Purchase Order :	Hard Copy Date :
Invoice Contact : Gary Landis			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2826-01	WC1	Solid	08/11/2025	13:30		VOCMS Group1	8260D		10 Bus. Days

Relinquished By :

Date / Time :


8/11/25 1500

Received By :

Date / Time :


08/11/25 15:00 *15:00* *Ng H 6*
522

Storage Area : VOA Refridgerator Room